

Appendix for Band 17

Appendix A: Average Power Output Data

Test Result

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.51	PASS
		1	12	23.48	PASS
		1	24	23.53	PASS
		12	0	22.47	PASS
		12	6	22.51	PASS
		12	13	22.51	PASS
		25	0	22.55	PASS
	MCH	1	0	23.30	PASS
		1	12	23.23	PASS
		1	24	23.22	PASS
		12	0	22.42	PASS
		12	6	22.55	PASS
		12	13	22.39	PASS
		25	0	22.46	PASS
	HCH	1	0	23.45	PASS
		1	12	23.37	PASS
		1	24	22.97	PASS
		12	0	22.49	PASS
		12	6	22.38	PASS
		12	13	22.37	PASS
		25	0	22.38	PASS
16QAM	LCH	1	0	22.35	PASS
		1	12	22.31	PASS
		1	24	22.31	PASS
		12	0	21.58	PASS
		12	6	21.48	PASS
		12	13	21.40	PASS
		25	0	21.66	PASS
	MCH	1	0	22.89	PASS
		1	12	22.74	PASS
		1	24	22.79	PASS
		12	0	21.56	PASS

		12	6	21.43	PASS
		12	13	21.53	PASS
		25	0	21.65	PASS
	HCH	1	0	22.00	PASS
		1	12	22.18	PASS
		1	24	21.98	PASS
		12	0	21.32	PASS
		12	6	21.29	PASS
		12	13	21.37	PASS
		25	0	21.43	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.32	PASS
		1	24	23.33	PASS
		1	49	23.11	PASS
		25	0	22.53	PASS
		25	12	22.52	PASS
		25	25	22.41	PASS
		50	0	22.44	PASS
	MCH	1	0	23.55	PASS
		1	24	23.56	PASS
		1	49	23.64	PASS
		25	0	22.52	PASS
		25	12	22.42	PASS
		25	25	22.61	PASS
		50	0	22.46	PASS
	HCH	1	0	23.30	PASS
		1	24	23.30	PASS
		1	49	23.03	PASS
		25	0	22.48	PASS
		25	12	22.35	PASS
		25	25	22.34	PASS
		50	0	22.41	PASS
16QAM	LCH	1	0	22.23	PASS
		1	24	22.19	PASS
		1	49	22.09	PASS
		25	0	21.53	PASS
		25	12	21.46	PASS
		25	25	21.36	PASS
		50	0	21.45	PASS

	MCH	1	0	23.00	PASS
		1	24	23.00	PASS
		1	49	22.75	PASS
		25	0	21.55	PASS
		25	12	21.51	PASS
		25	25	21.54	PASS
		50	0	21.49	PASS
	HCH	1	0	22.58	PASS
		1	24	22.60	PASS
		1	49	22.36	PASS
		25	0	21.47	PASS
		25	12	21.44	PASS
		25	25	21.37	PASS
		50	0	21.44	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	1.82	<13	PASS
		1	12	1.97	<13	PASS
		1	24	3.68	<13	PASS
		12	0	2.59	<13	PASS
		12	6	2.74	<13	PASS
		12	13	3.48	<13	PASS
		25	0	3.58	<13	PASS
	MCH	1	0	2.94	<13	PASS
		1	12	4.68	<13	PASS
		1	24	3.36	<13	PASS
		12	0	4.49	<13	PASS
		12	6	5.09	<13	PASS
		12	13	5.18	<13	PASS
		25	0	4.89	<13	PASS
	HCH	1	0	4.69	<13	PASS
		1	12	1.85	<13	PASS
		1	24	2.17	<13	PASS
		12	0	4.08	<13	PASS
		12	6	3	<13	PASS
		12	13	2.05	<13	PASS
		25	0	3.46	<13	PASS
16QAM	LCH	1	0	3.25	<13	PASS
		1	12	3.2	<13	PASS
		1	24	4.78	<13	PASS
		12	0	3.61	<13	PASS
		12	6	3.74	<13	PASS
		12	13	4.43	<13	PASS
		25	0	4.28	<13	PASS
	MCH	1	0	3.99	<13	PASS
		1	12	5.63	<13	PASS
		1	24	4.69	<13	PASS
		12	0	5.4	<13	PASS
		12	6	6.09	<13	PASS

		12	13	6.14	<13	PASS
		25	0	5.68	<13	PASS
	HCH	1	0	5.17	<13	PASS
		1	12	2.41	<13	PASS
		1	24	2.4	<13	PASS
		12	0	5.2	<13	PASS
		12	6	4.08	<13	PASS
		12	13	2.95	<13	PASS
		25	0	4.41	<13	PASS

Channel Bandwidth: 10 MHz

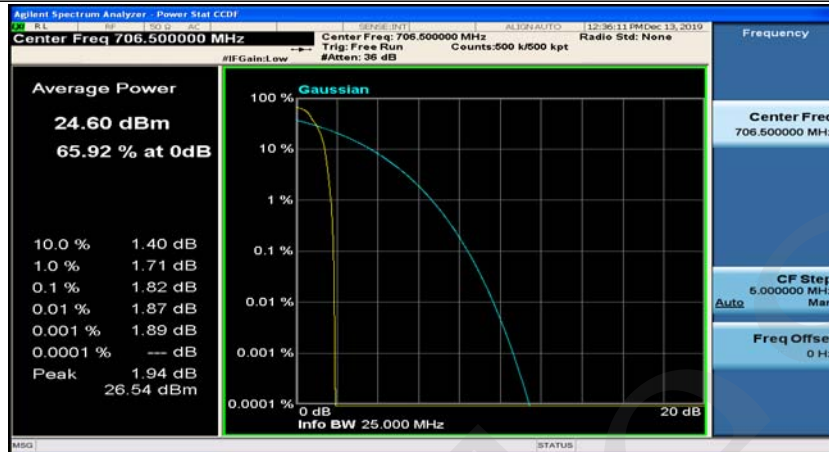
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	1.86	<13	PASS
		1	24	3.94	<13	PASS
		1	49	1.91	<13	PASS
		25	0	3.65	<13	PASS
		25	12	4.53	<13	PASS
		25	25	4.71	<13	PASS
		50	0	4.27	<13	PASS
		50	0	4.27	<13	PASS
	MCH	1	0	1.61	<13	PASS
		1	24	4.34	<13	PASS
		1	49	1.09	<13	PASS
		25	0	3.91	<13	PASS
		25	12	4.98	<13	PASS
		25	25	3.92	<13	PASS
		50	0	3.96	<13	PASS
		50	0	3.96	<13	PASS
	HCH	1	0	2.17	<13	PASS
		1	24	4.75	<13	PASS
		1	49	1.87	<13	PASS
		25	0	4.45	<13	PASS
		25	12	4.82	<13	PASS
		25	25	3.6	<13	PASS
		50	0	3.85	<13	PASS
		50	0	3.85	<13	PASS
16QAM	LCH	1	0	2.23	<13	PASS
		1	24	4.26	<13	PASS
		1	49	2.16	<13	PASS
		25	0	4.38	<13	PASS
		25	12	5.5	<13	PASS
		25	25	5.74	<13	PASS

		50	0	5.18	<13	PASS
	MCH	1	0	2.4	<13	PASS
		1	24	5.2	<13	PASS
		1	49	1.83	<13	PASS
		25	0	4.77	<13	PASS
		25	12	5.85	<13	PASS
		25	25	5.1	<13	PASS
		50	0	5.01	<13	PASS
	HCH	1	0	2.96	<13	PASS
		1	24	5.56	<13	PASS
		1	49	2.16	<13	PASS
		25	0	5.37	<13	PASS
		25	12	5.81	<13	PASS
		25	25	4.62	<13	PASS
		50	0	4.92	<13	PASS

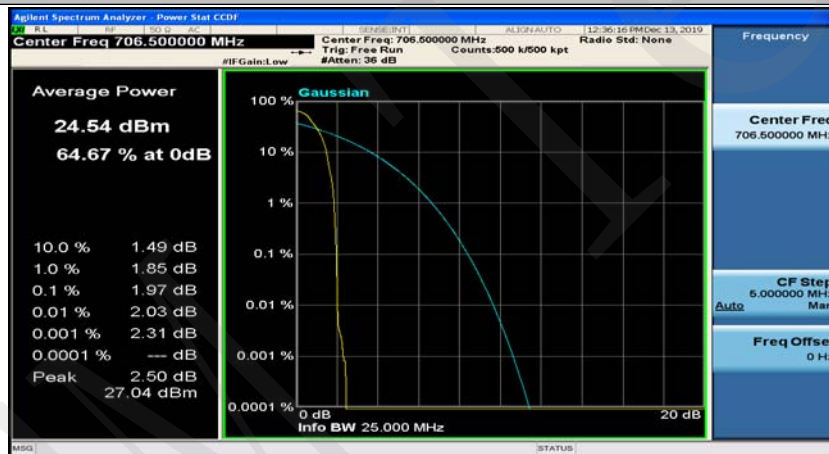
Test Graphs

Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



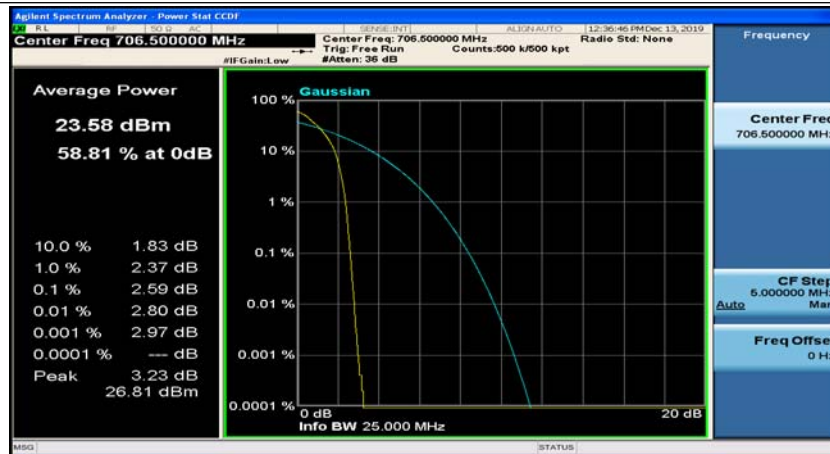
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



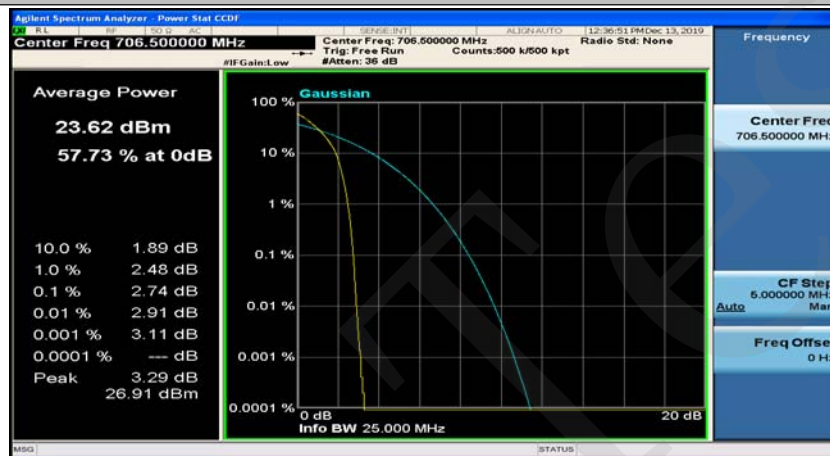
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



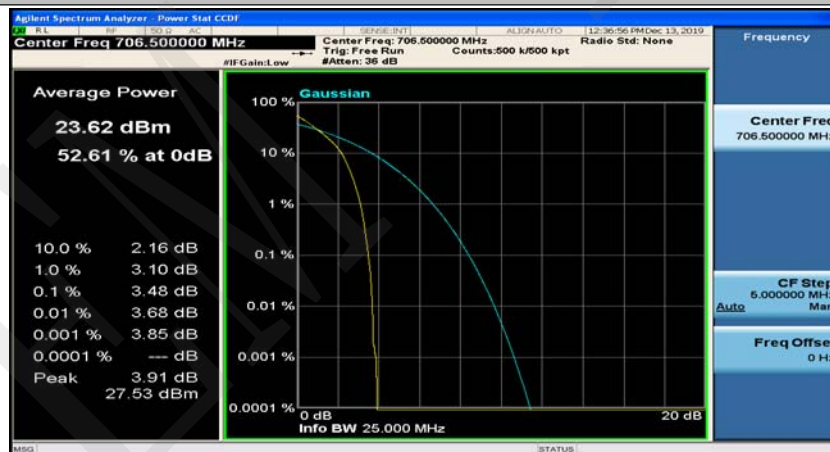
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



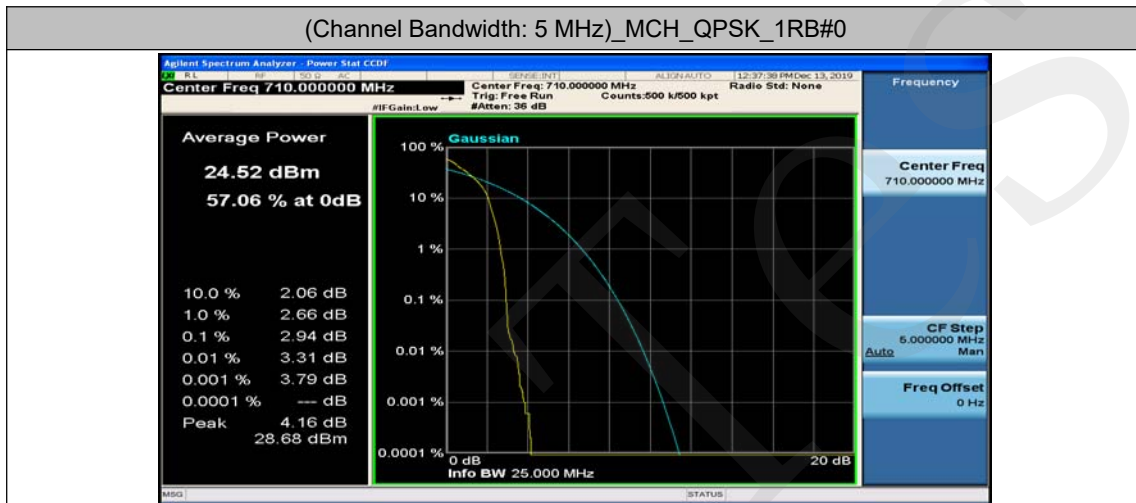
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



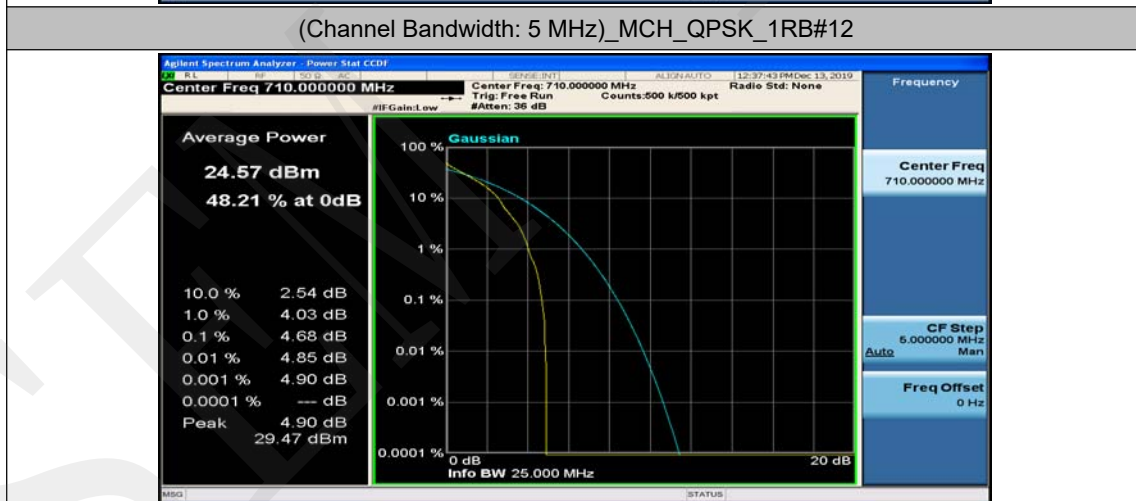
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



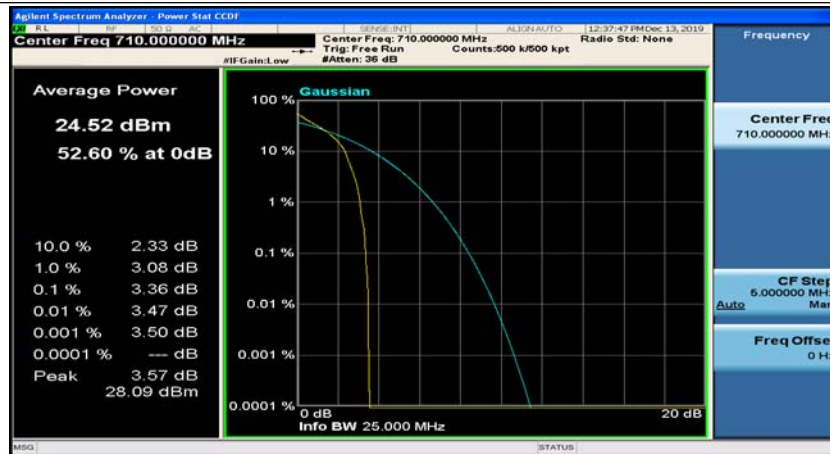
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



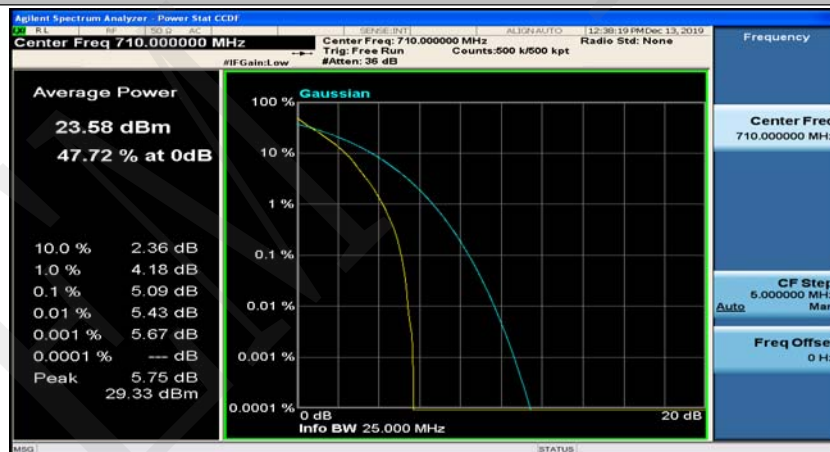
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



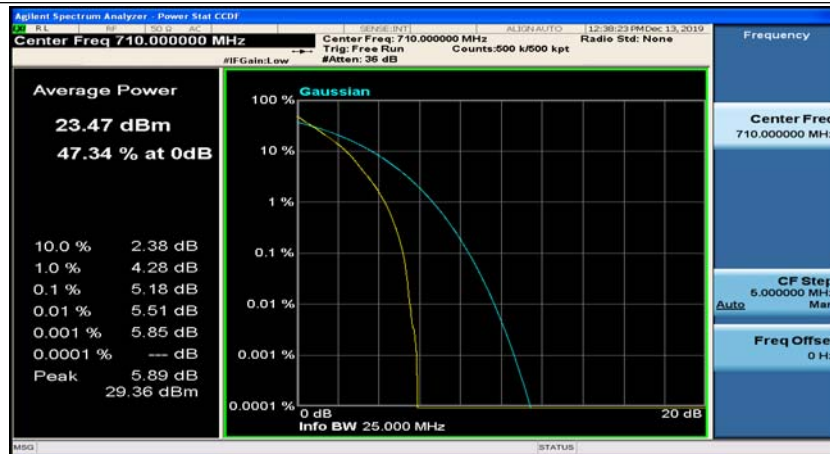
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



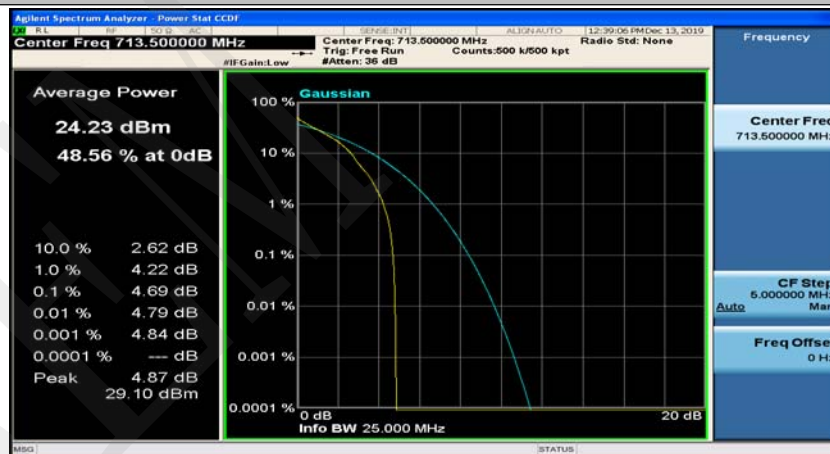
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



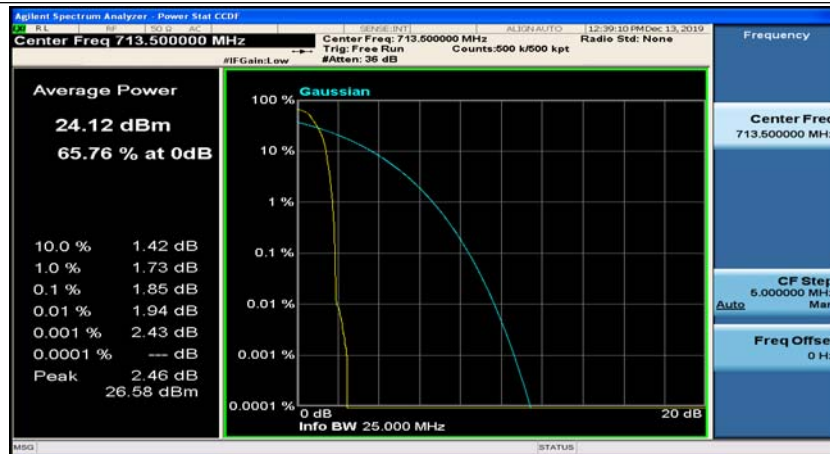
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



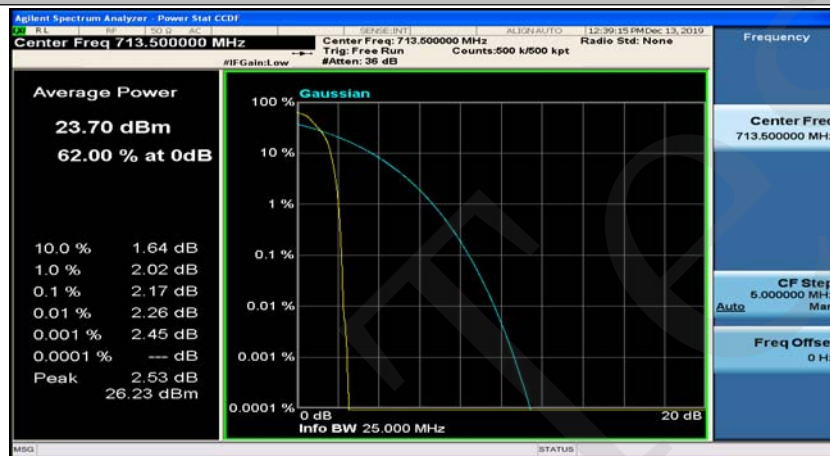
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



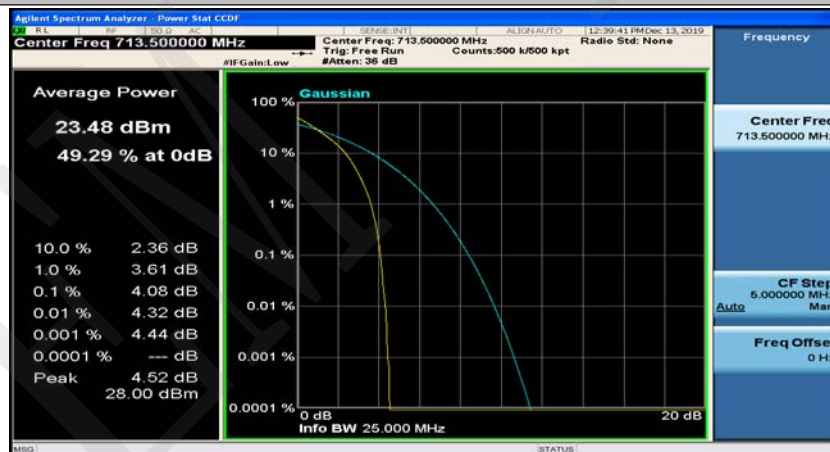
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



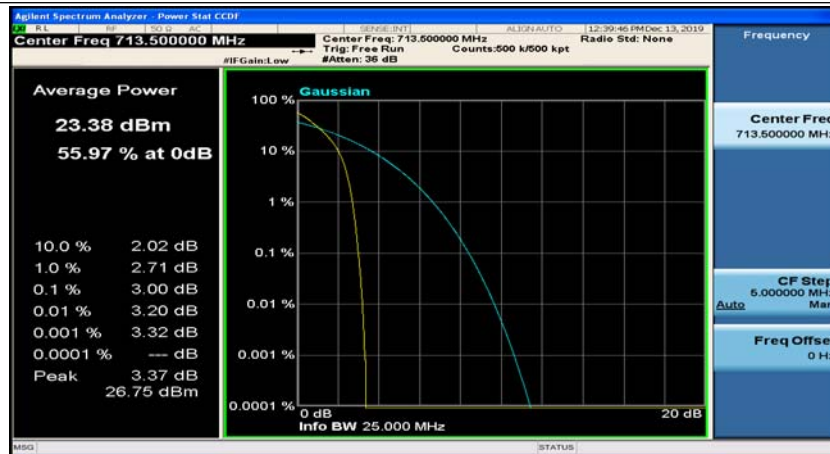
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



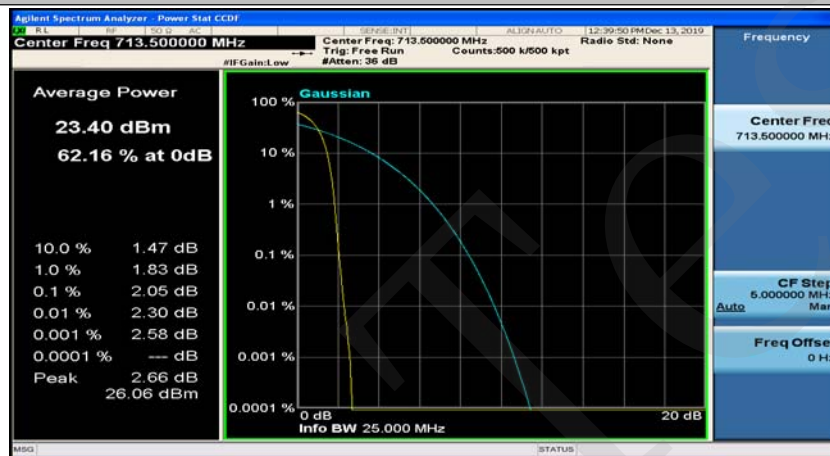
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



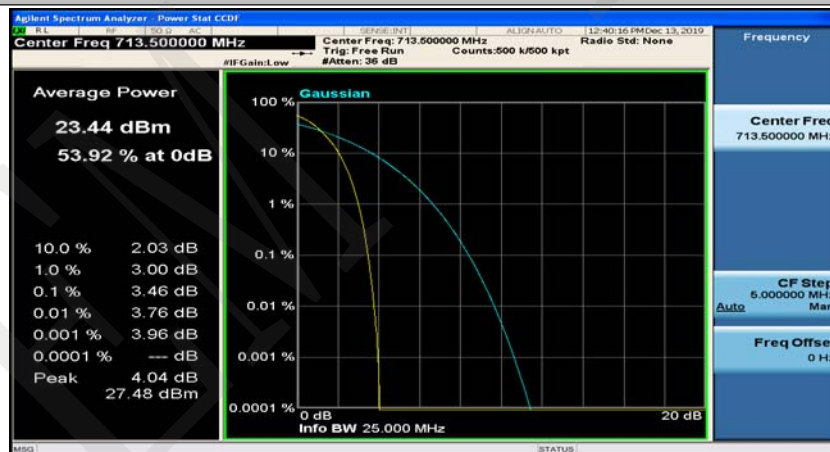
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



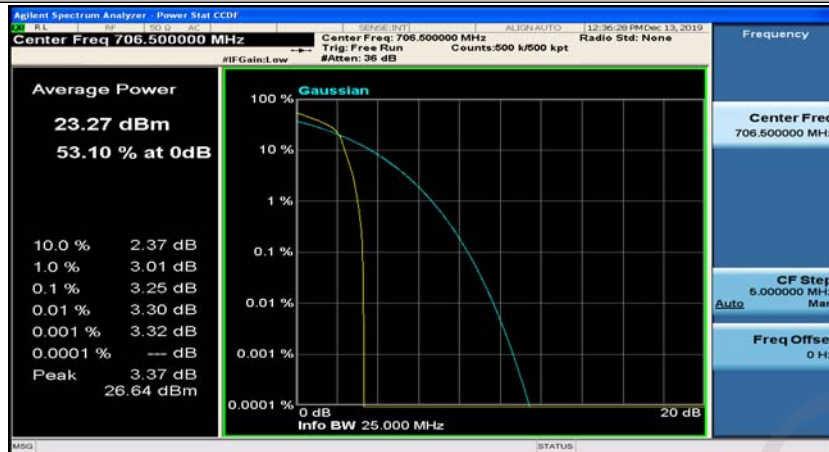
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



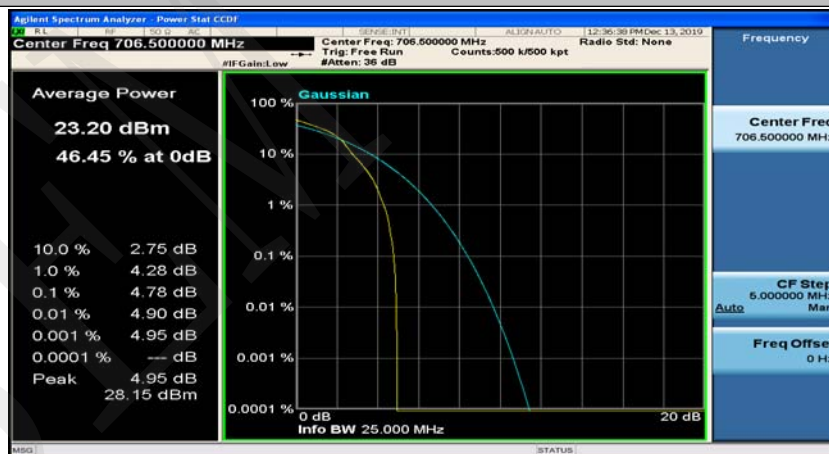
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



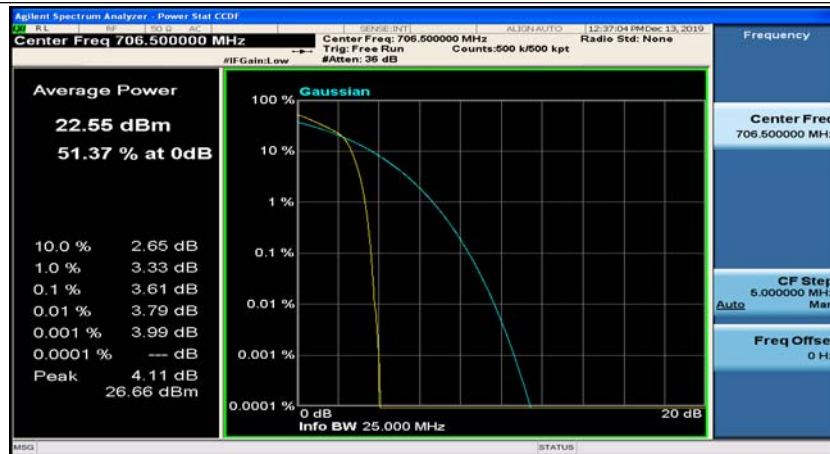
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



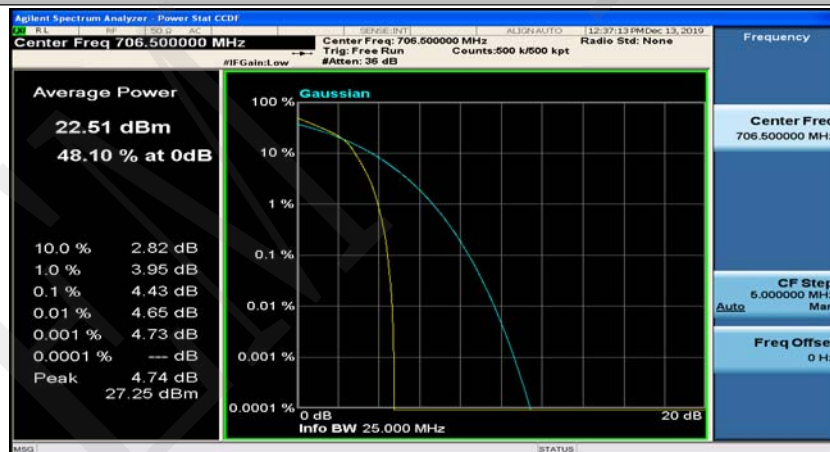
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



(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



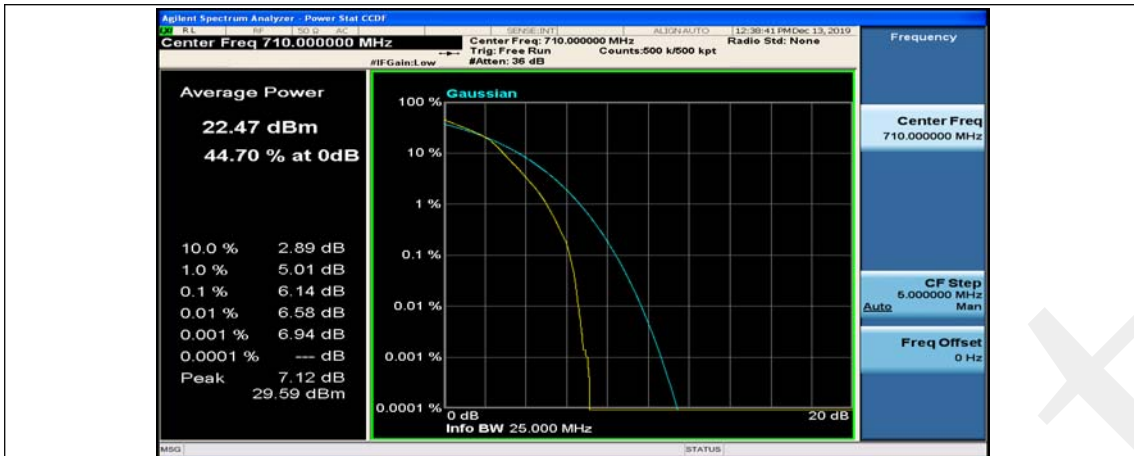
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



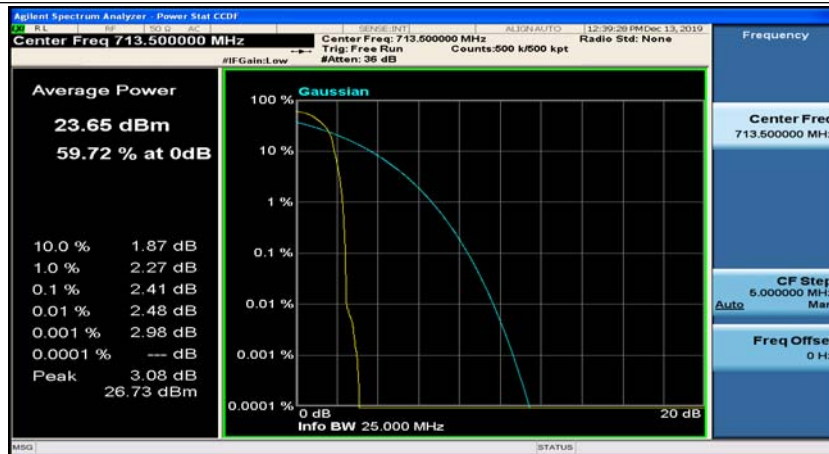
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



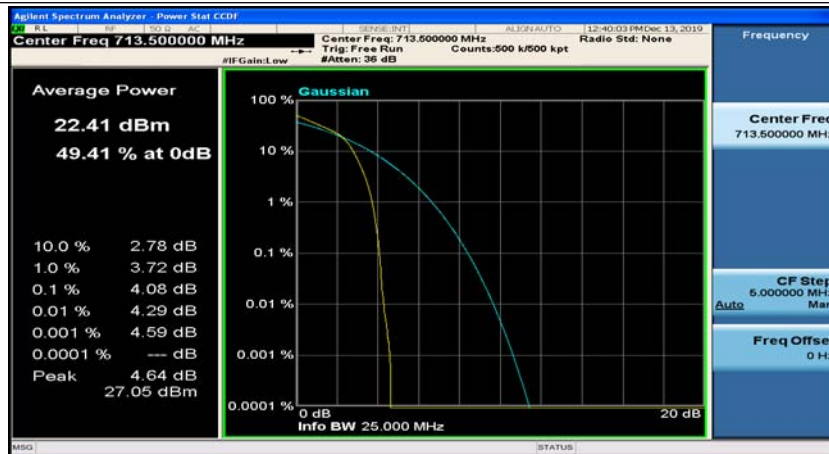
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



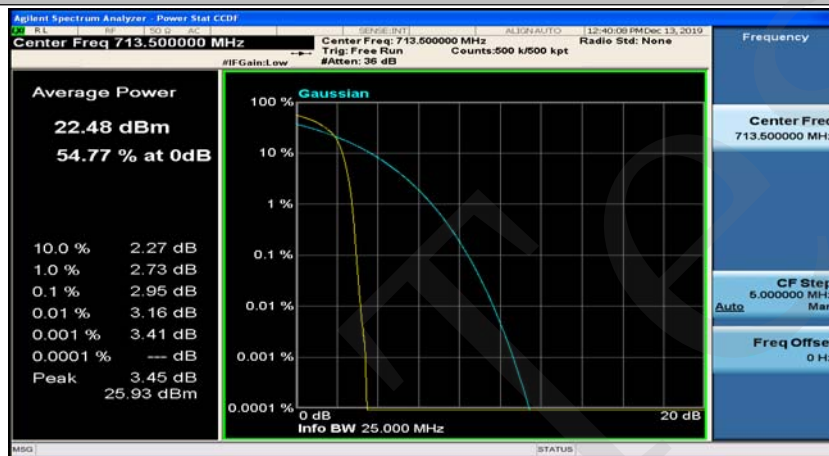
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



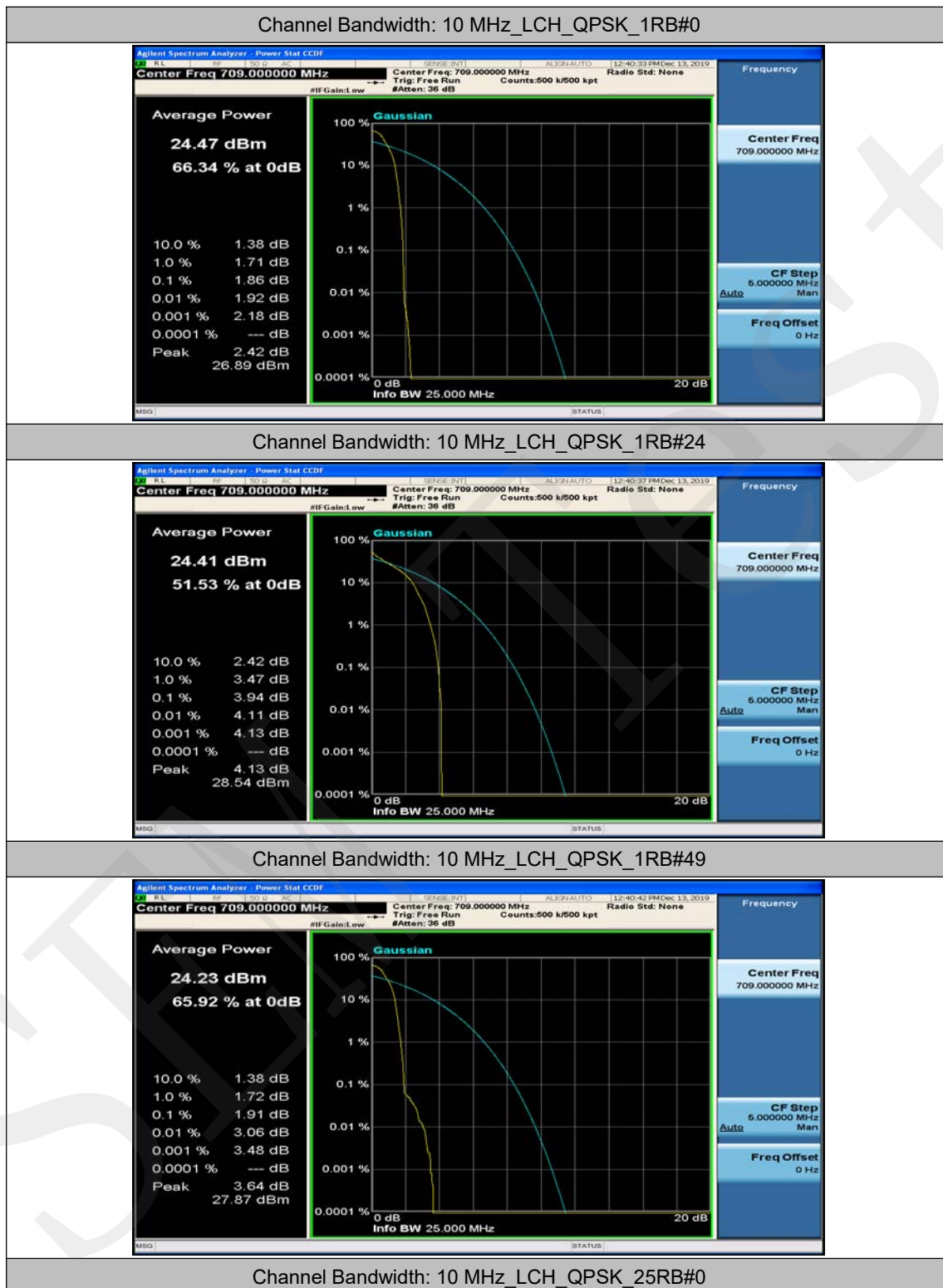
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

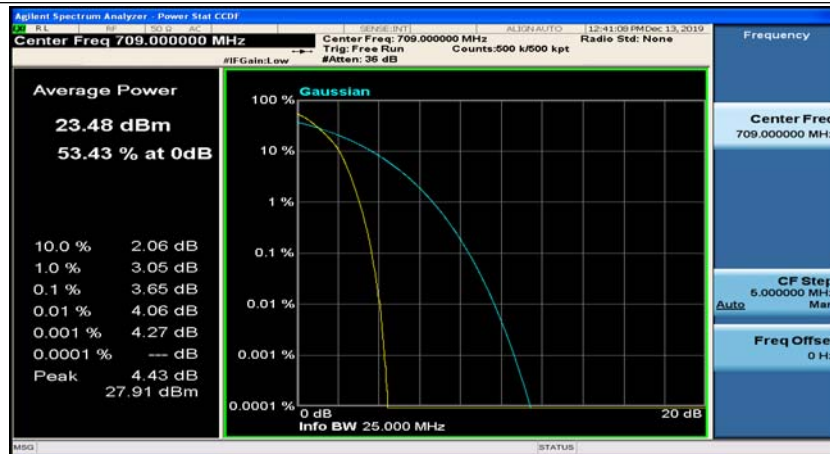


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



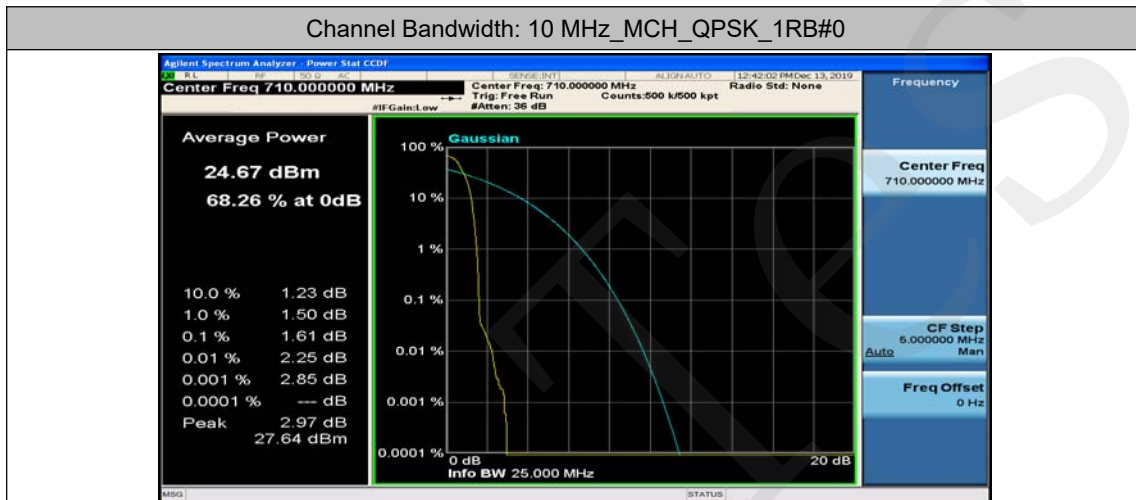
Channel Bandwidth: 10 MHz



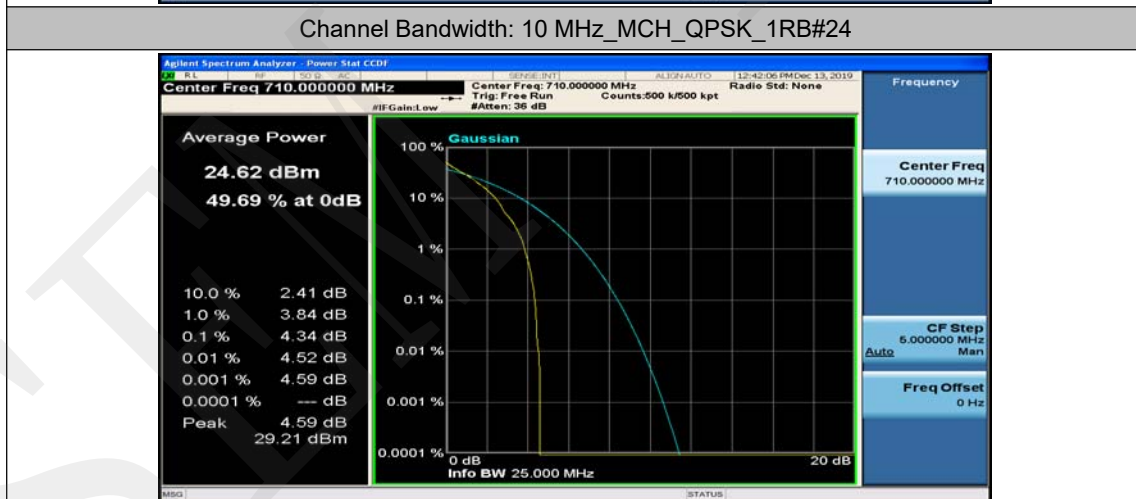




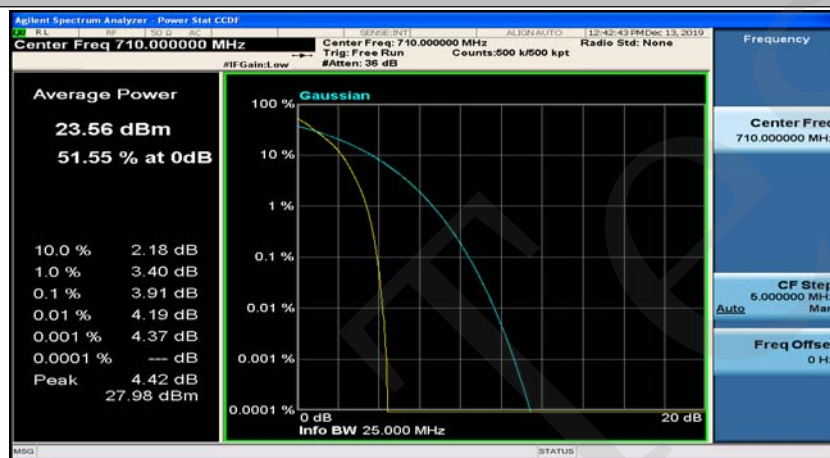
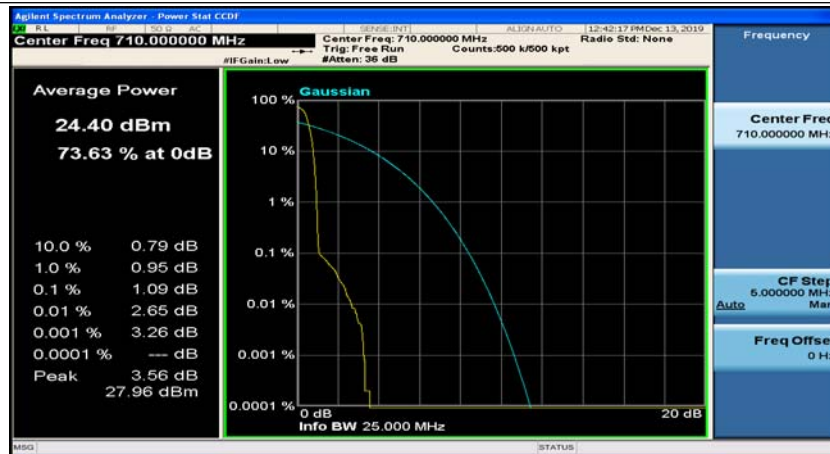
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

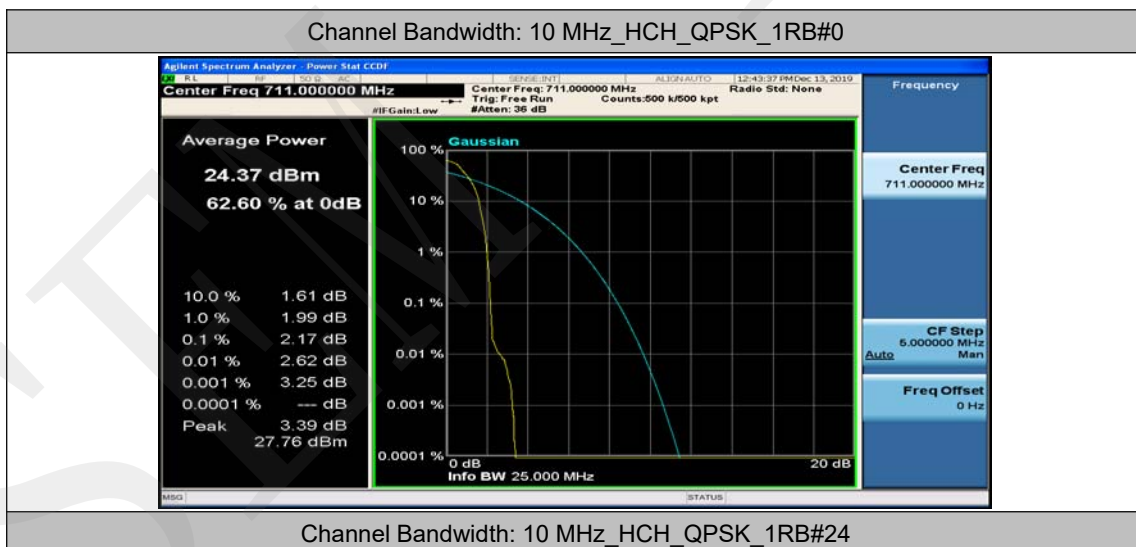


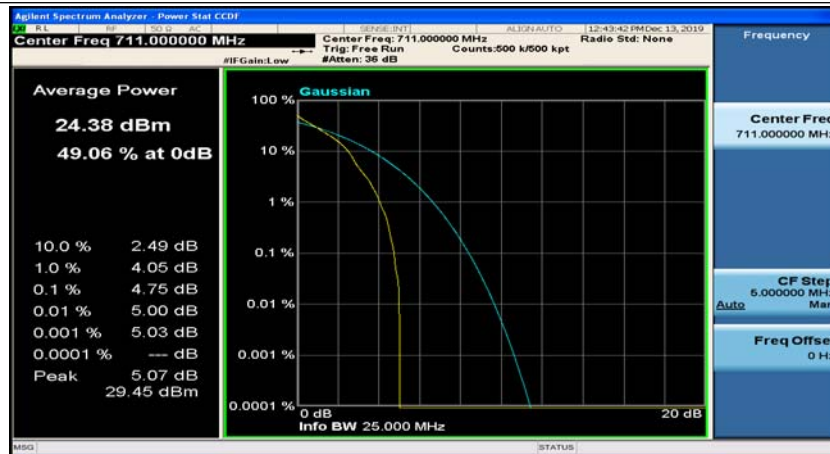
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

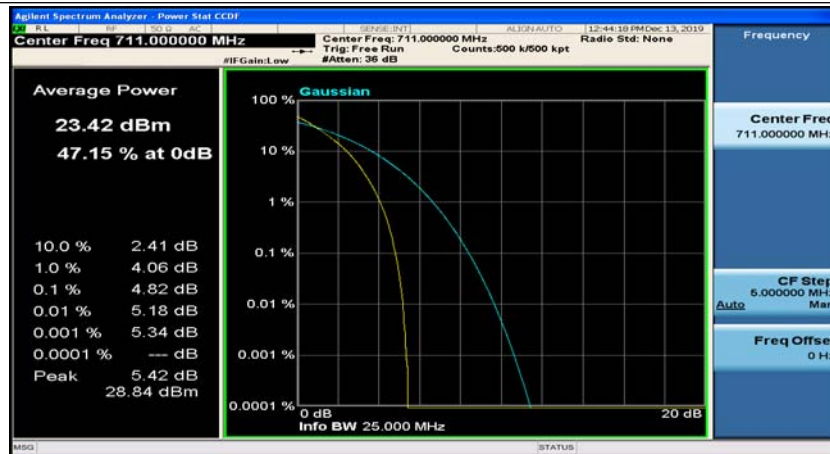


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

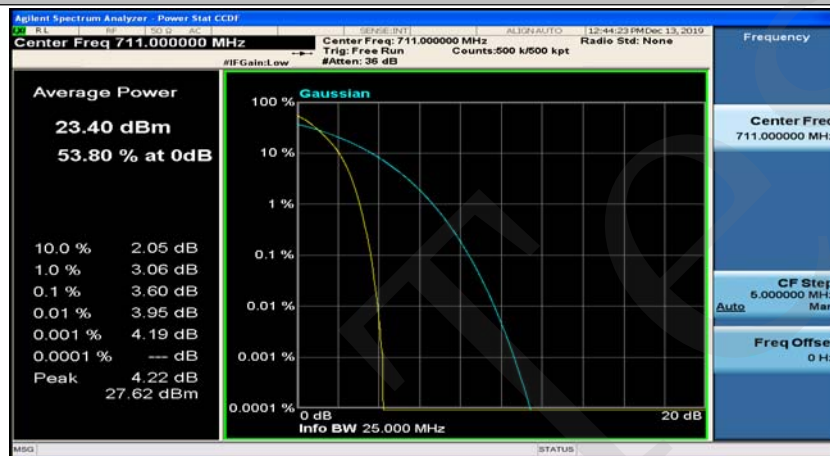




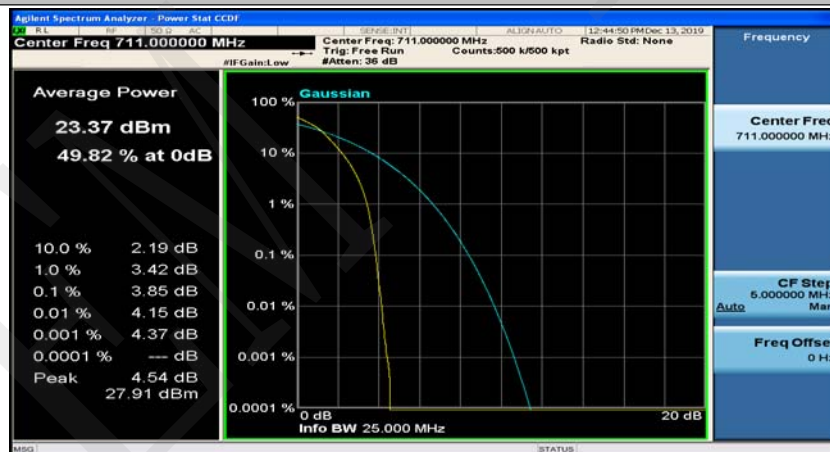




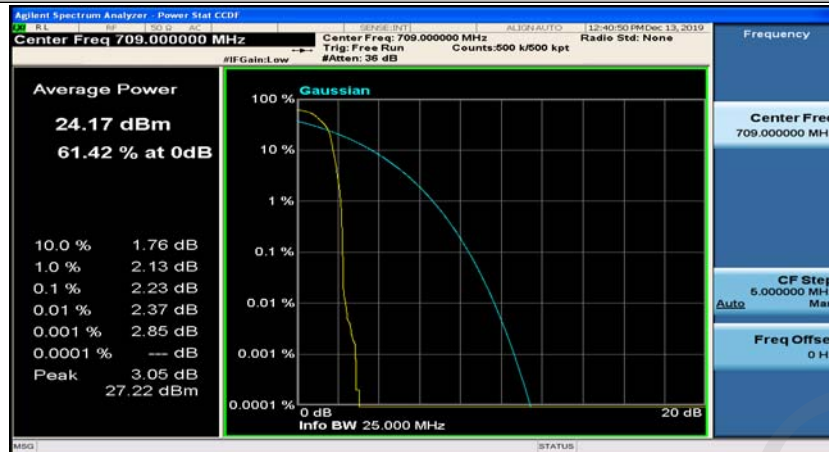
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25



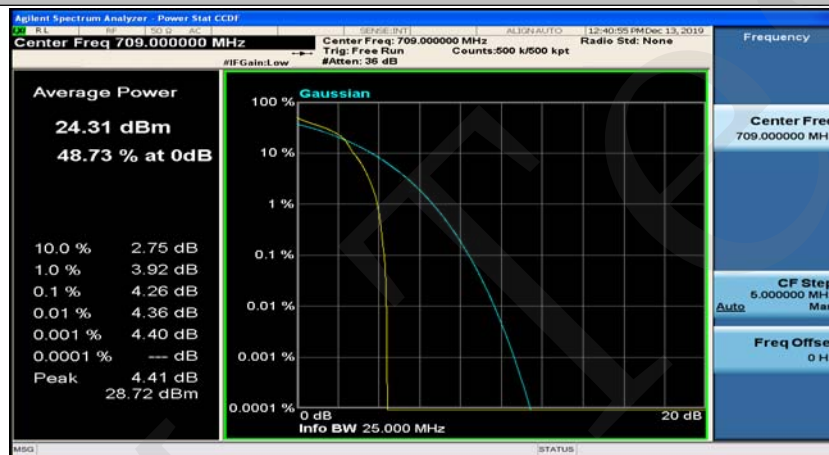
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



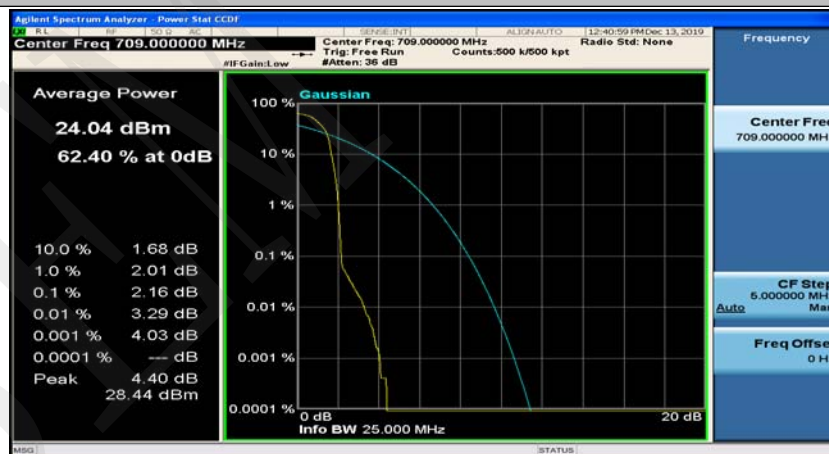
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



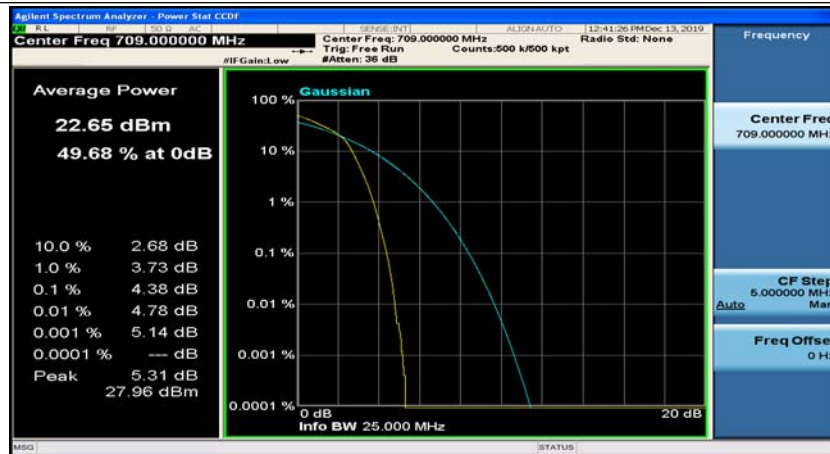
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49

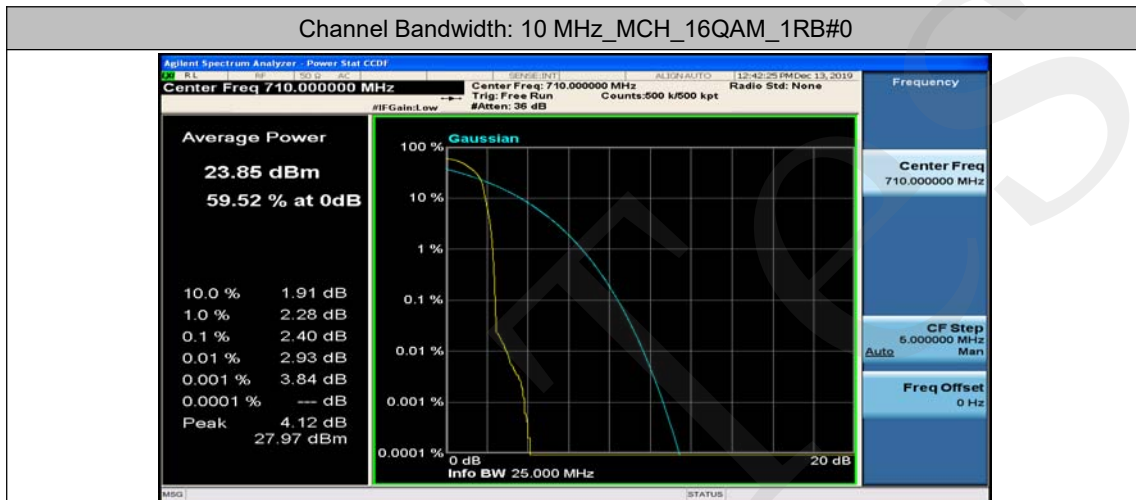


Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0

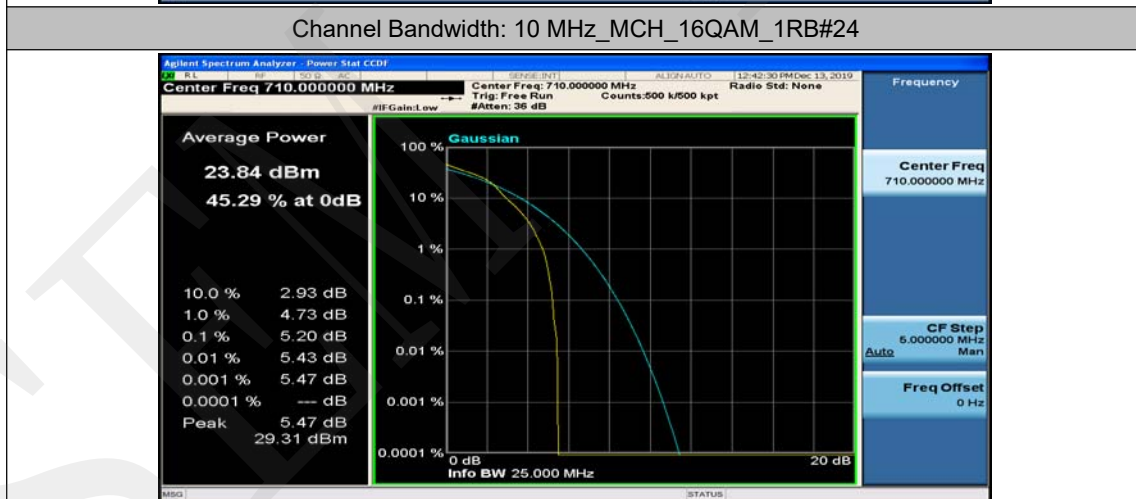




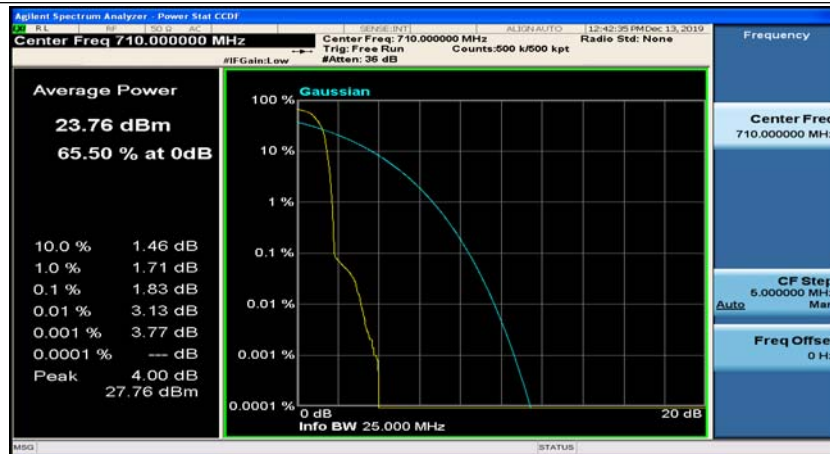
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

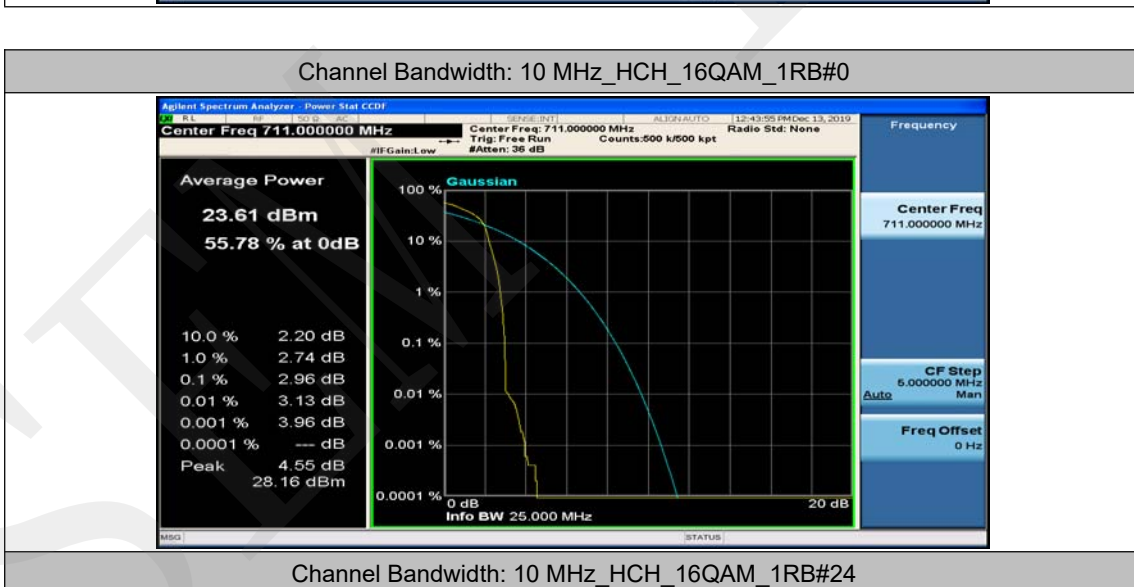
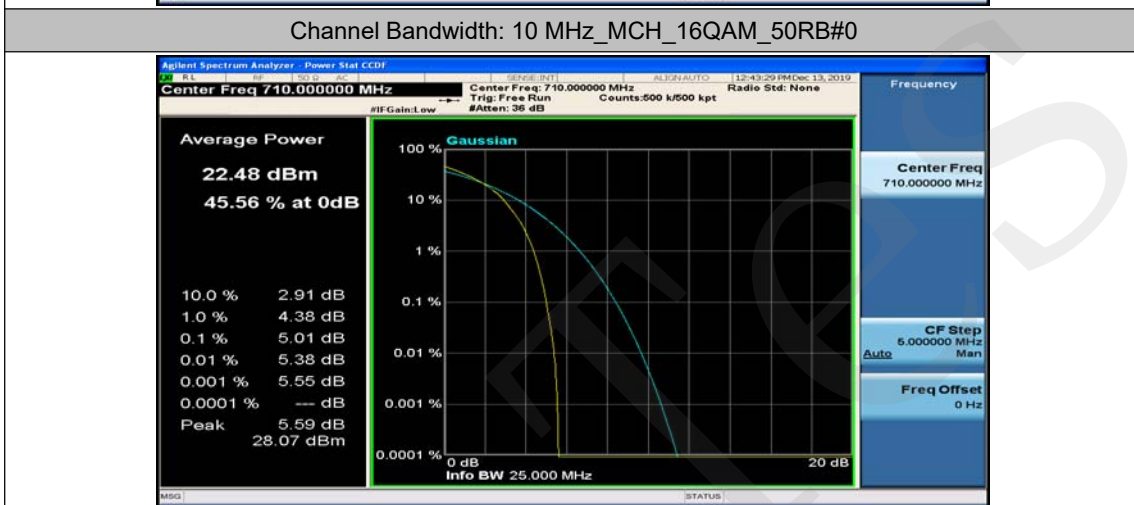
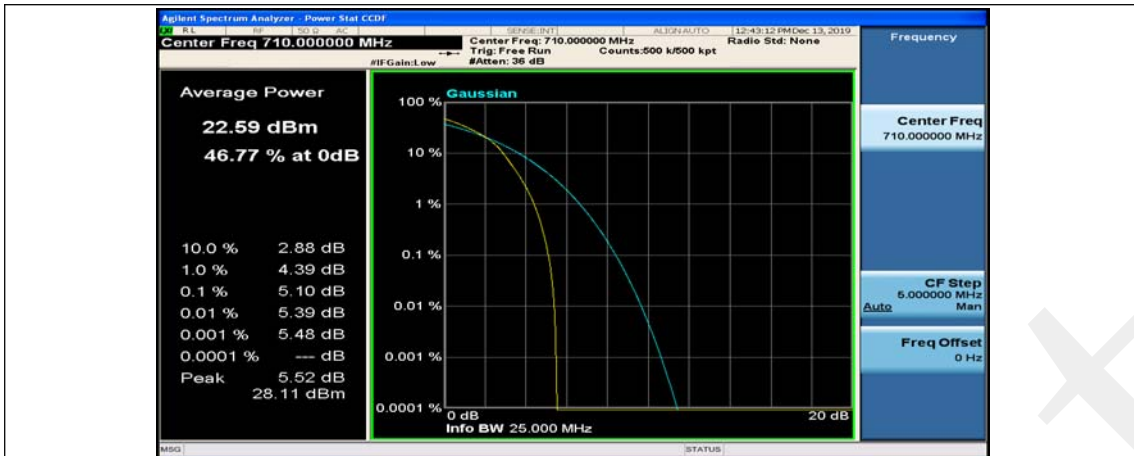


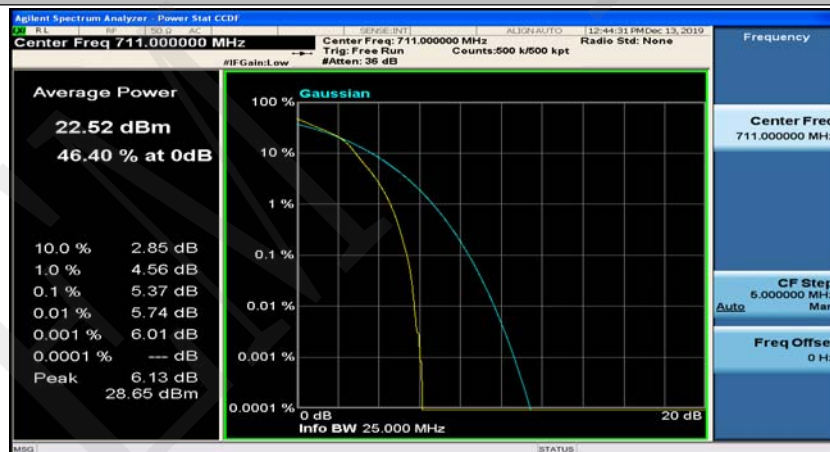
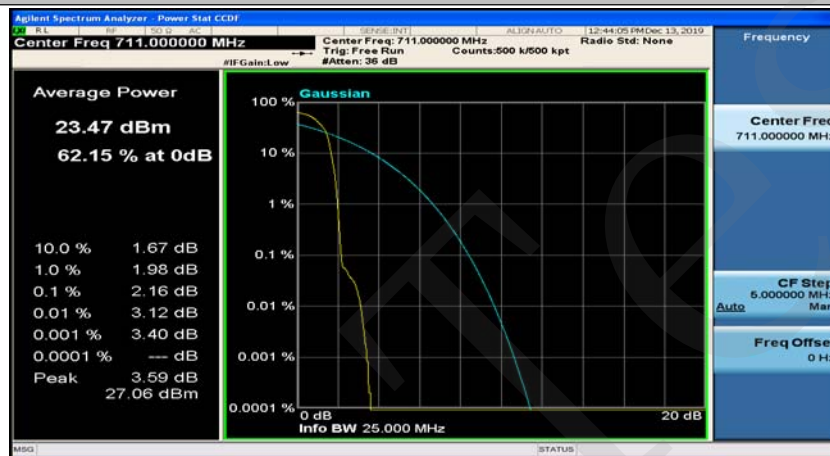
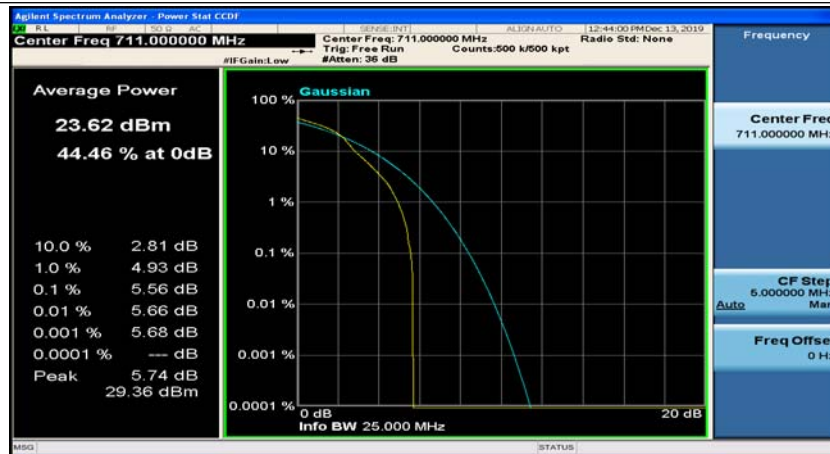
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

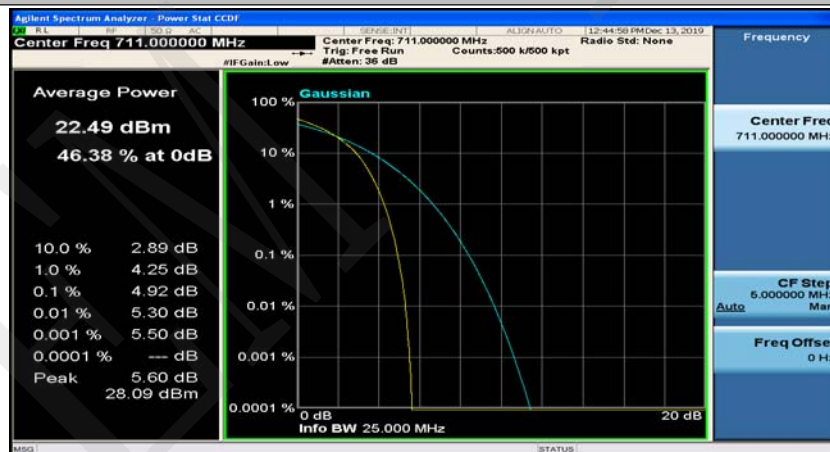
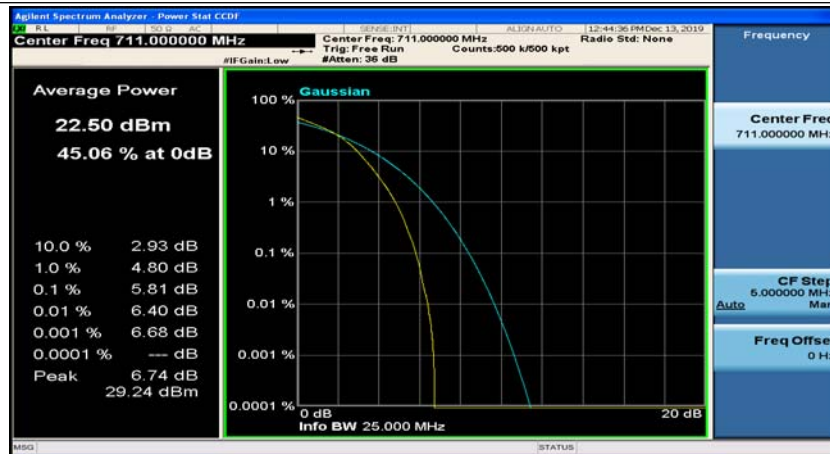


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49









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	4.4779	5.688	PASS
	MCH	25	0	4.4749	4.914	PASS
	HCH	25	0	4.4790	4.997	PASS
16QAM	LCH	25	0	4.4855	5.333	PASS
	MCH	25	0	4.4793	4.832	PASS
	HCH	25	0	4.4539	4.828	PASS

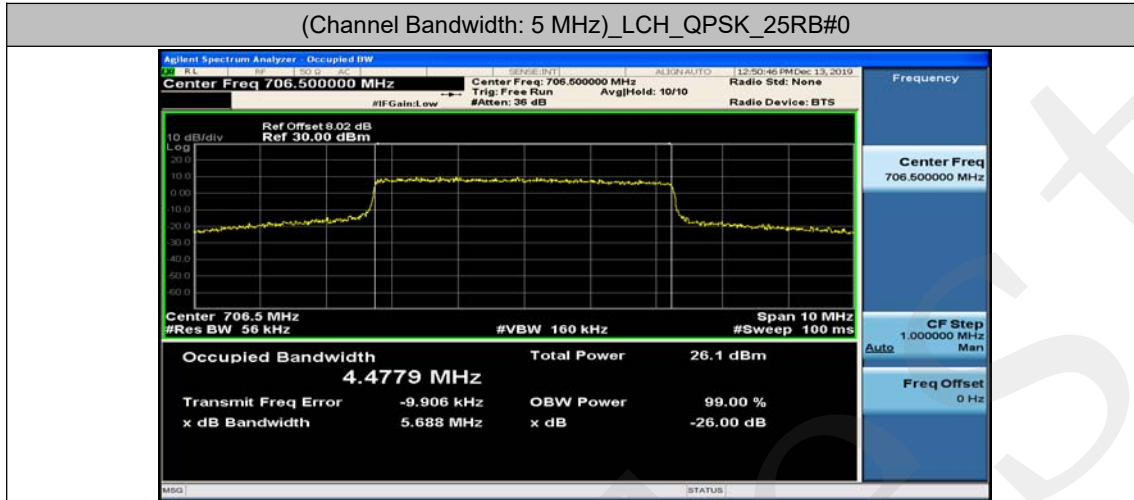
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9809	9.652	PASS
	MCH	50	0	8.9584	9.595	PASS
	HCH	50	0	8.9446	9.616	PASS
16QAM	LCH	50	0	8.9785	9.582	PASS
	MCH	50	0	8.9678	9.562	PASS
	HCH	50	0	8.9334	9.569	PASS

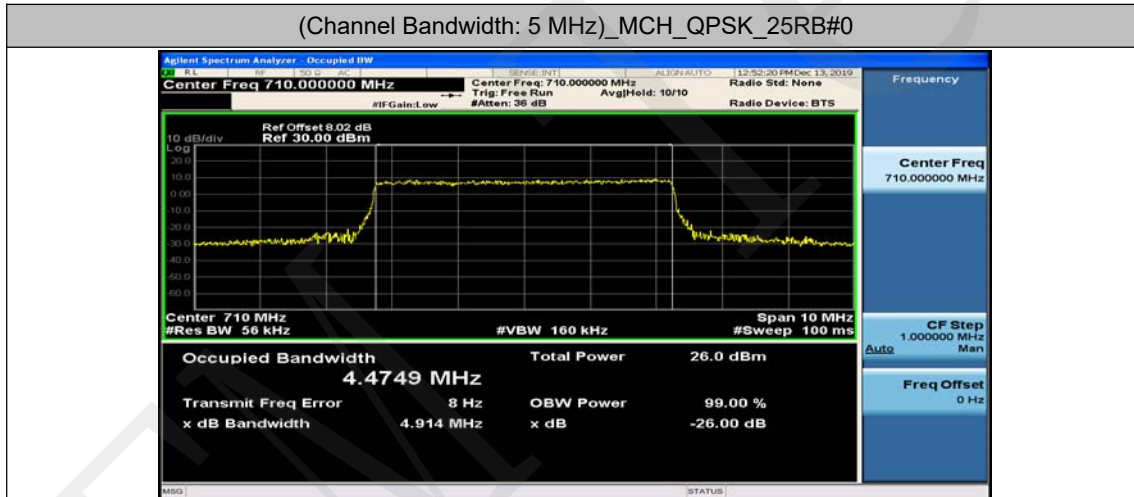
Test Graphs

Channel Bandwidth: 5 MHz

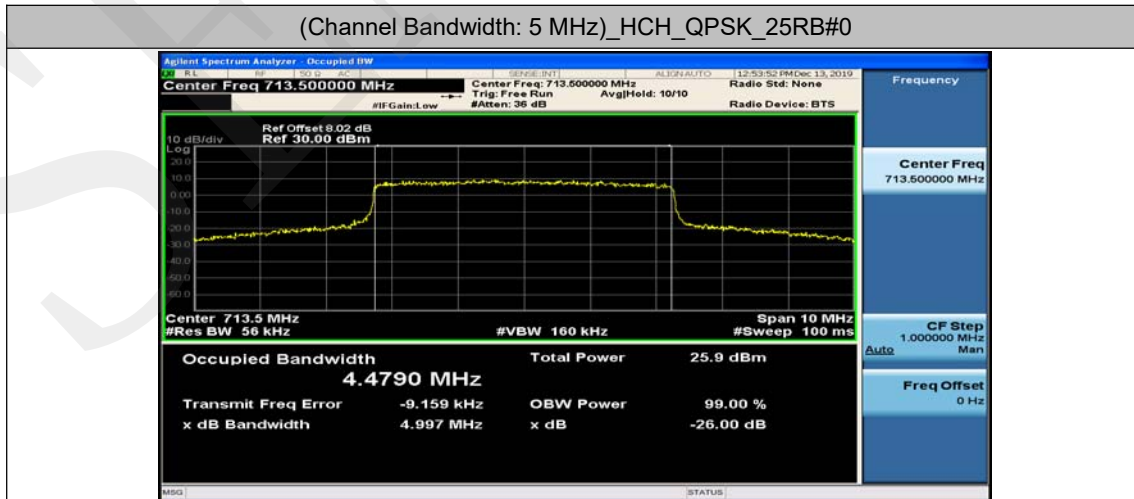
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



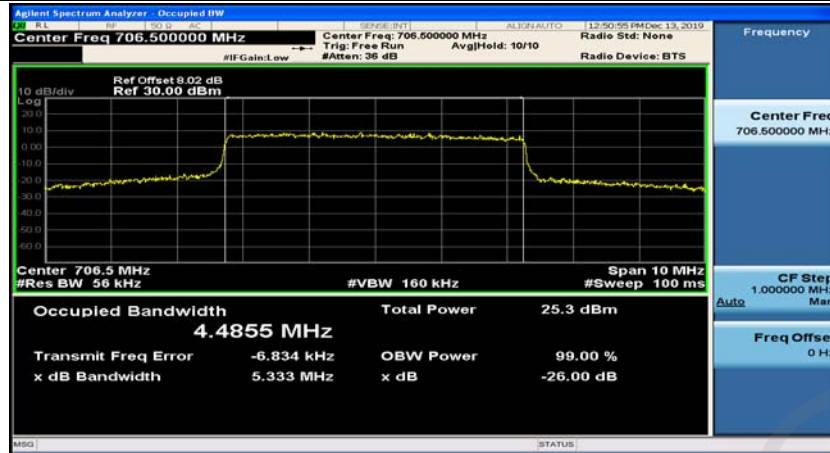
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



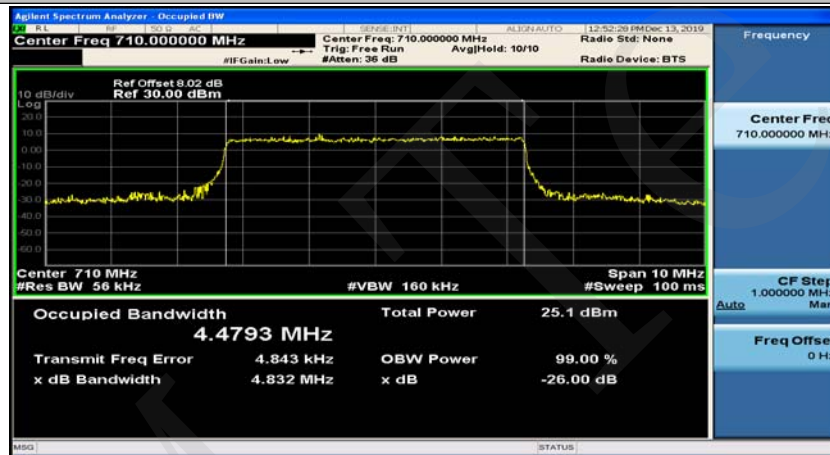
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



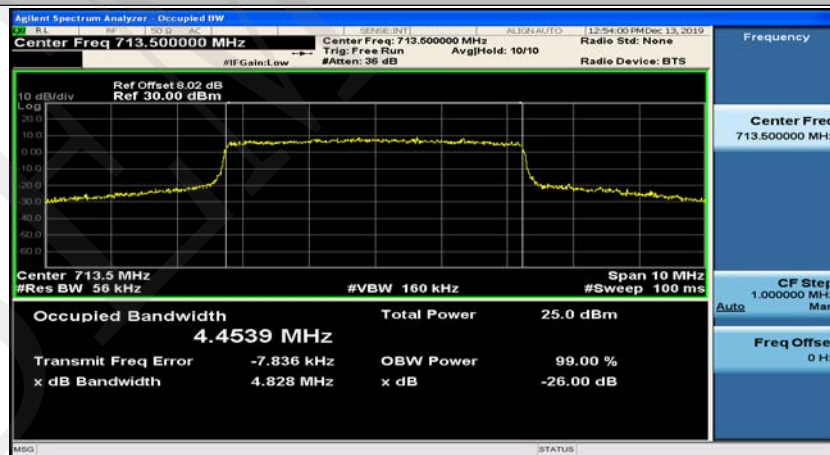
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

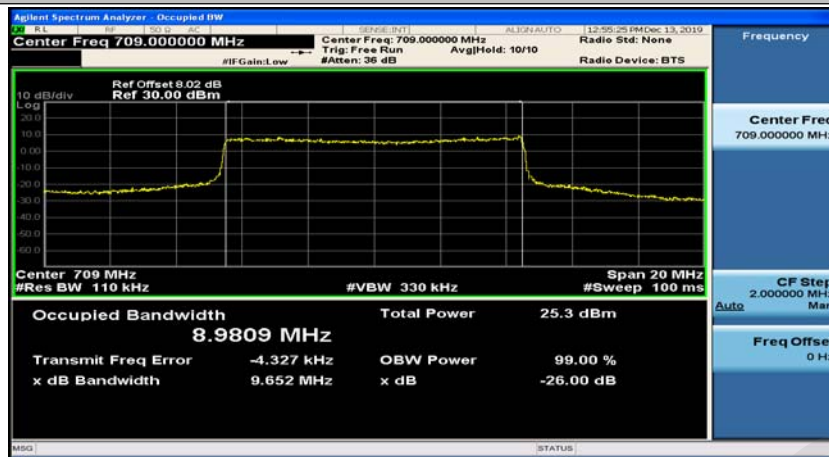


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

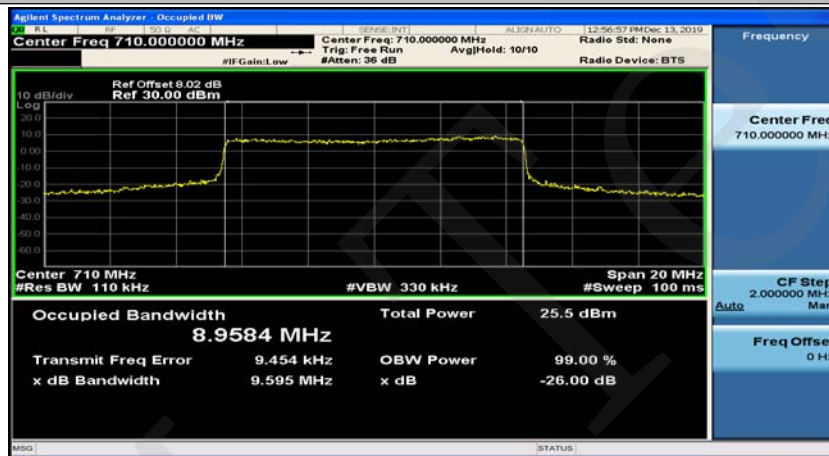


Channel Bandwidth: 10 MHz

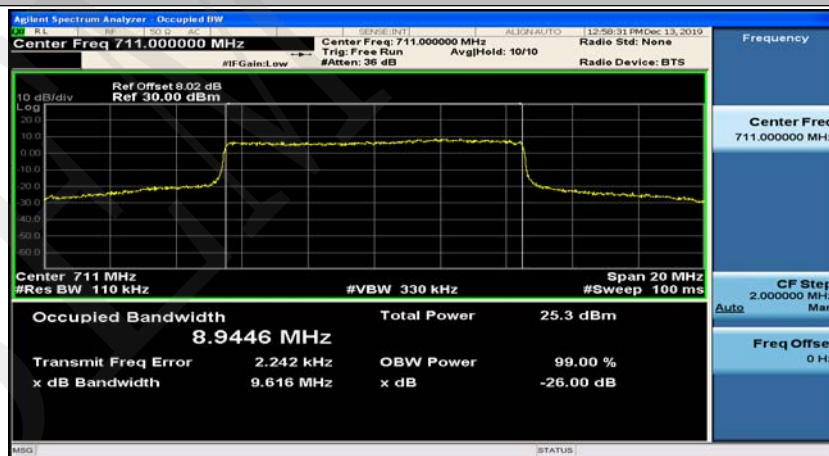
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



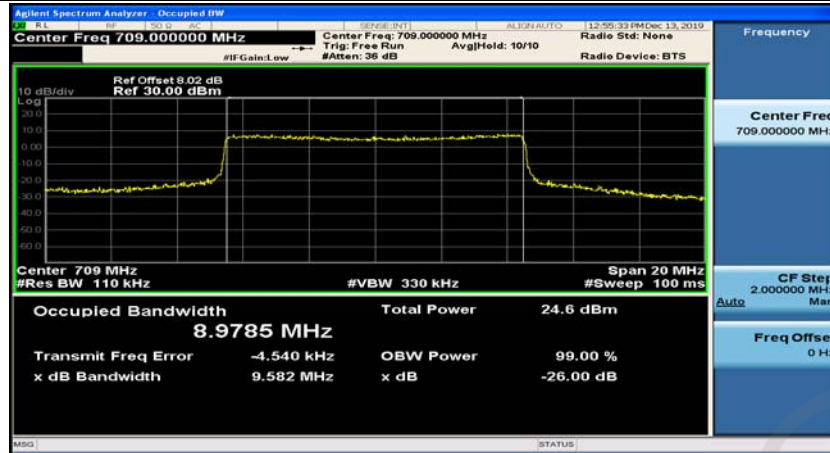
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



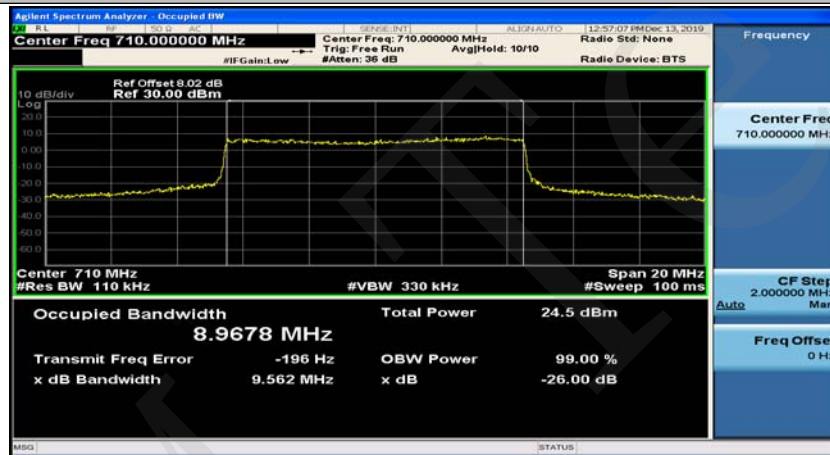
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



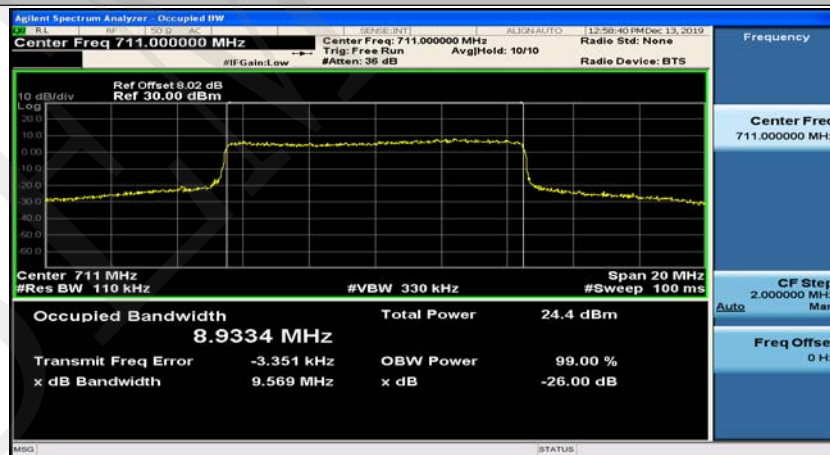
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0



Appendix D: Band Edge

Test Graphs

Channel Bandwidth: 5 MHz

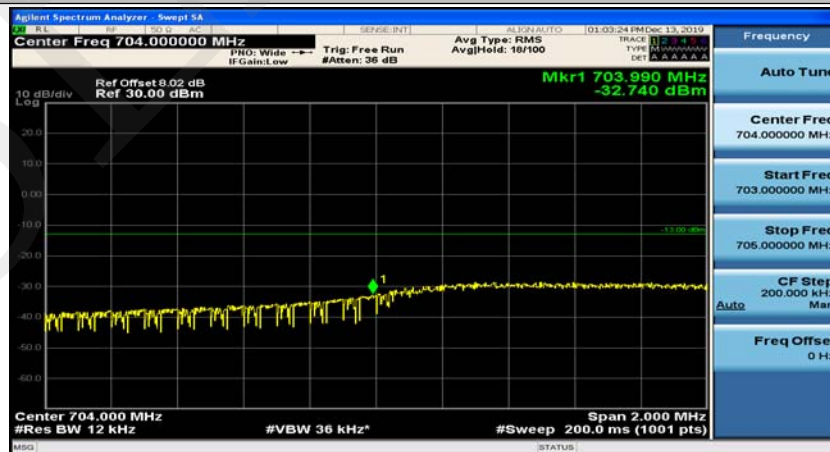
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



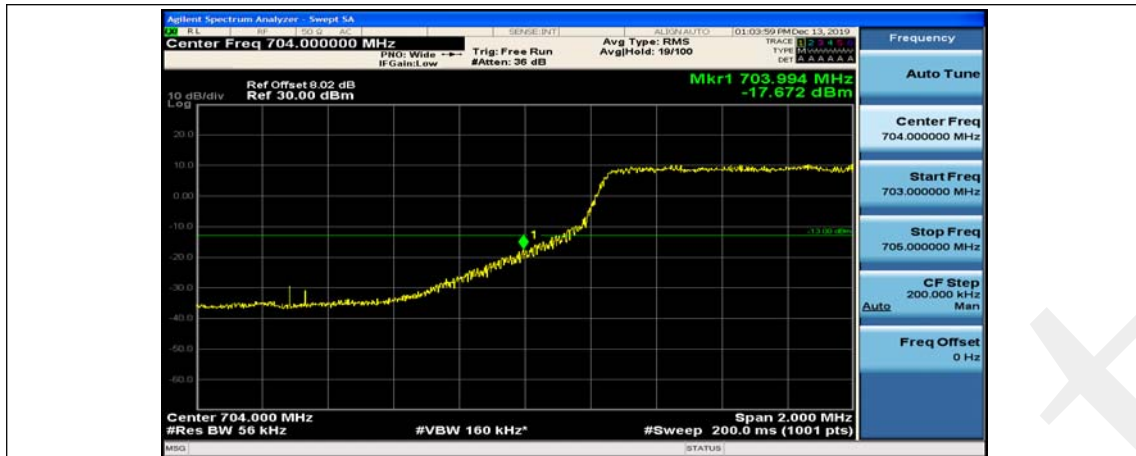
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



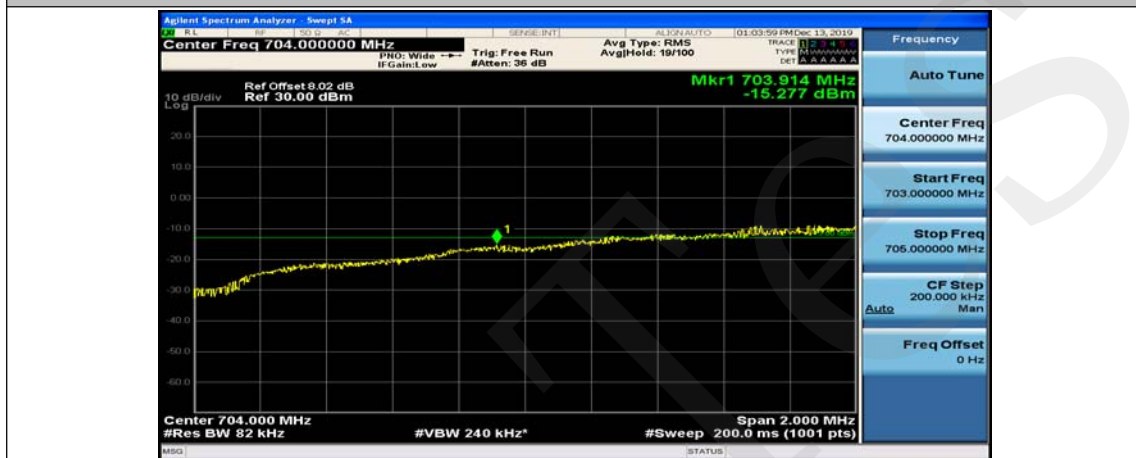
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



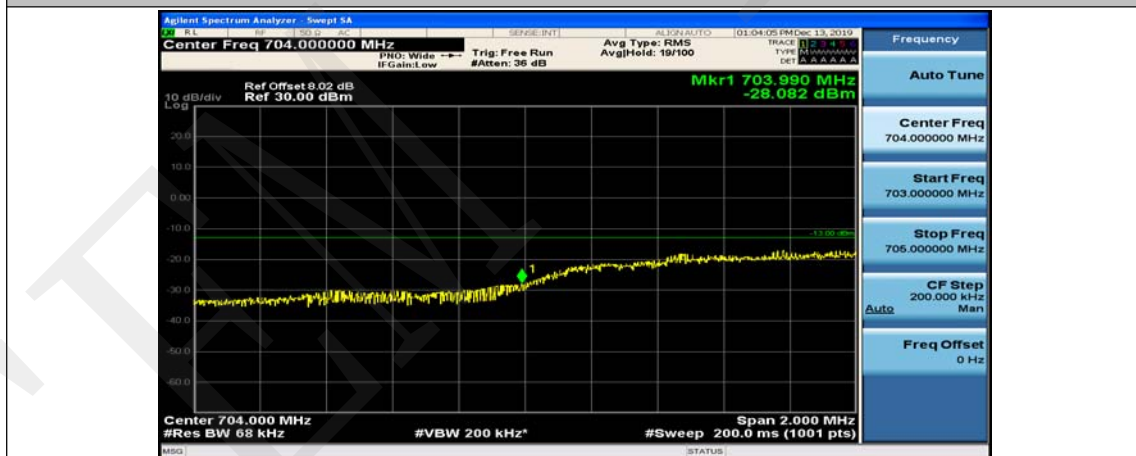
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



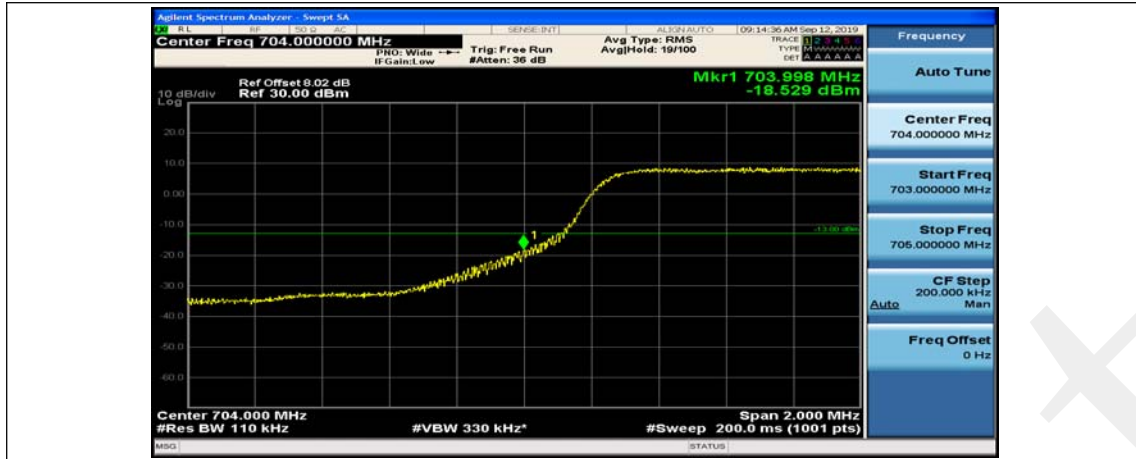
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_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



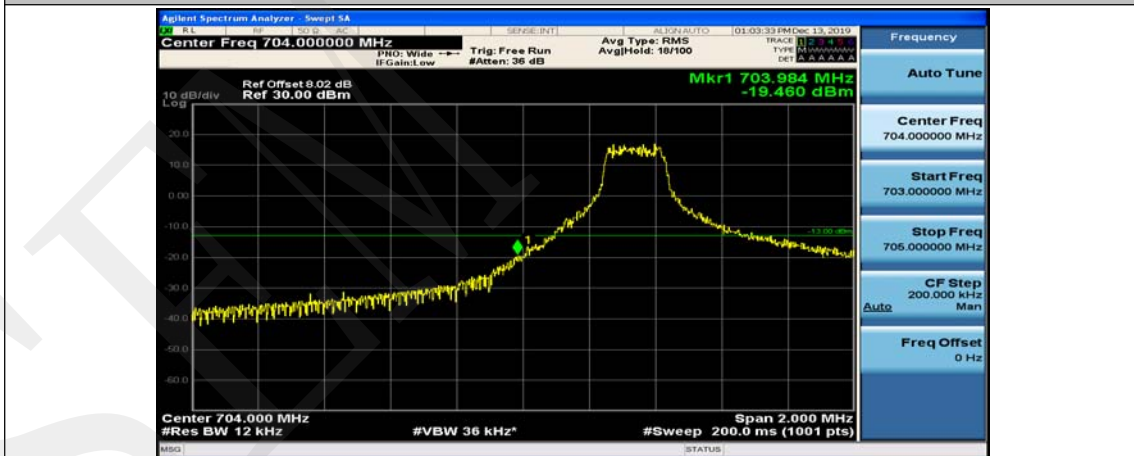
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12