

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	23.15	PASS
		1	12	23.28	PASS
		1	24	23.00	PASS
		12	0	22.33	PASS
		12	6	22.18	PASS
		12	13	22.06	PASS
		25	0	22.32	PASS
	MCH	1	0	23.29	PASS
		1	12	23.79	PASS
		1	24	23.67	PASS
		12	0	22.30	PASS
		12	6	22.32	PASS
		12	13	22.34	PASS
		25	0	22.26	PASS
	HCH	1	0	23.12	PASS
		1	12	23.42	PASS
		1	24	22.92	PASS
		12	0	22.28	PASS
		12	6	22.41	PASS
		12	13	22.12	PASS
		25	0	22.31	PASS
16QAM	LCH	1	0	21.63	PASS
		1	12	21.44	PASS
		1	24	21.25	PASS
		12	0	21.43	PASS
		12	6	21.15	PASS
		12	13	21.02	PASS
		25	0	21.46	PASS
	MCH	1	0	21.73	PASS
		1	12	21.90	PASS
		1	24	22.05	PASS
		12	0	20.96	PASS
		12	6	21.24	PASS

		12	13	21.37	PASS
		25	0	21.29	PASS
	HCH	1	0	22.39	PASS
		1	12	22.84	PASS
		1	24	22.42	PASS
		12	0	21.36	PASS
		12	6	21.41	PASS
		12	13	21.15	PASS
		25	0	21.01	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.32	PASS
		1	24	23.03	PASS
		1	49	23.37	PASS
		25	0	22.50	PASS
		25	12	22.27	PASS
		25	25	22.24	PASS
		50	0	22.38	PASS
	MCH	1	0	23.18	PASS
		1	24	23.15	PASS
		1	49	23.13	PASS
		25	0	22.34	PASS
		25	12	22.29	PASS
		25	25	22.38	PASS
		50	0	22.30	PASS
	HCH	1	0	23.25	PASS
		1	24	23.50	PASS
		1	49	23.32	PASS
		25	0	22.32	PASS
		25	12	22.37	PASS
		25	25	22.39	PASS
		50	0	22.26	PASS
16QAM	LCH	1	0	23.07	PASS
		1	24	22.66	PASS
		1	49	23.08	PASS
		25	0	21.47	PASS
		25	12	21.29	PASS
		25	25	21.35	PASS
		50	0	21.37	PASS
	MCH	1	0	22.45	PASS

		1	24	22.45	PASS
		1	49	22.77	PASS
		25	0	21.37	PASS
		25	12	21.23	PASS
		25	25	21.29	PASS
		50	0	21.21	PASS
	HCH	1	0	22.72	PASS
		1	24	22.88	PASS
		1	49	22.47	PASS
		25	0	21.36	PASS
		25	12	21.39	PASS
		25	25	21.42	PASS
		50	0	21.23	PASS

Appendix B: Peak-to-Average Ratio

Test Result

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.54	<13	PASS
		1	12	4.29	<13	PASS
		1	24	4.12	<13	PASS
		12	0	5.54	<13	PASS
		12	6	5.36	<13	PASS
		12	13	5.28	<13	PASS
		25	0	5.43	<13	PASS
	MCH	1	0	4.20	<13	PASS
		1	12	3.95	<13	PASS
		1	24	3.83	<13	PASS
		12	0	5.18	<13	PASS
		12	6	5.03	<13	PASS
		12	13	4.99	<13	PASS
		25	0	5.16	<13	PASS
	HCH	1	0	3.87	<13	PASS
		1	12	3.97	<13	PASS
		1	24	3.89	<13	PASS
		12	0	5.04	<13	PASS
		12	6	5.13	<13	PASS
		12	13	5.18	<13	PASS
		25	0	5.23	<13	PASS
16QAM	LCH	1	0	5.5	<13	PASS
		1	12	5.21	<13	PASS
		1	24	5.08	<13	PASS
		12	0	6.29	<13	PASS
		12	6	6.15	<13	PASS
		12	13	6.03	<13	PASS
		25	0	6.27	<13	PASS
	MCH	1	0	5.04	<13	PASS
		1	12	4.72	<13	PASS
		1	24	4.68	<13	PASS
		12	0	6.14	<13	PASS
		12	6	6.04	<13	PASS

		12	13	5.94	<13	PASS
		25	0	6.03	<13	PASS
	HCH	1	0	4.80	<13	PASS
		1	12	4.98	<13	PASS
		1	24	4.90	<13	PASS
		12	0	5.92	<13	PASS
		12	6	5.96	<13	PASS
		12	13	5.96	<13	PASS
		25	0	6.05	<13	PASS

Channel Bandwidth: 10 MHz

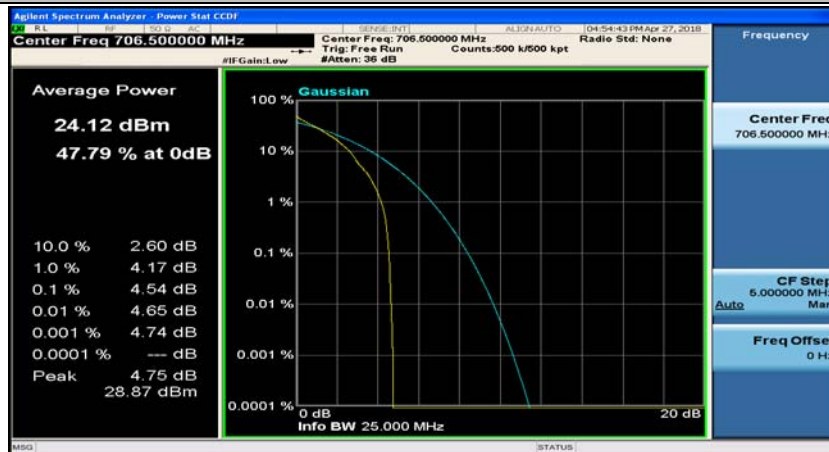
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.49	<13	PASS
		1	24	4.05	<13	PASS
		1	49	3.99	<13	PASS
		25	0	5.31	<13	PASS
		25	12	5.11	<13	PASS
		25	25	5.13	<13	PASS
		50	0	5.24	<13	PASS
	MCH	1	0	4.37	<13	PASS
		1	24	3.90	<13	PASS
		1	49	4.00	<13	PASS
		25	0	5.17	<13	PASS
		25	12	5.08	<13	PASS
		25	25	5.11	<13	PASS
		50	0	5.25	<13	PASS
	HCH	1	0	4.06	<13	PASS
		1	24	3.81	<13	PASS
		1	49	3.71	<13	PASS
		25	0	5.09	<13	PASS
		25	12	5.10	<13	PASS
		25	25	5.13	<13	PASS
		50	0	5.30	<13	PASS
16QAM	LCH	1	0	5.42	<13	PASS
		1	24	5.02	<13	PASS
		1	49	4.89	<13	PASS
		25	0	6.13	<13	PASS
		25	12	6.05	<13	PASS
		25	25	5.99	<13	PASS

		50	0	6.05	<13	PASS
	MCH	1	0	5.27	<13	PASS
		1	24	4.82	<13	PASS
		1	49	4.87	<13	PASS
		25	0	6.08	<13	PASS
		25	12	5.97	<13	PASS
		25	25	5.97	<13	PASS
		50	0	6.07	<13	PASS
	HCH	1	0	5.05	<13	PASS
		1	24	4.72	<13	PASS
		1	49	4.91	<13	PASS
		25	0	6.01	<13	PASS
		25	12	5.96	<13	PASS
		25	25	6.00	<13	PASS
		50	0	6.06	<13	PASS

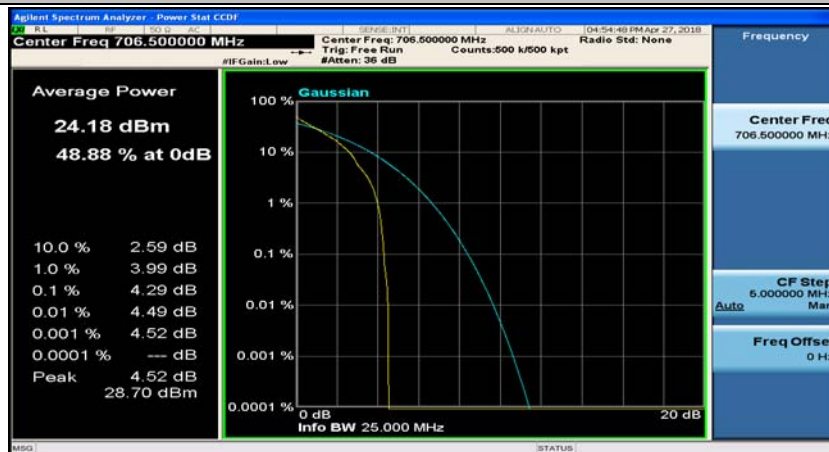
Test Graphs

Channel Bandwidth: 5 MHz

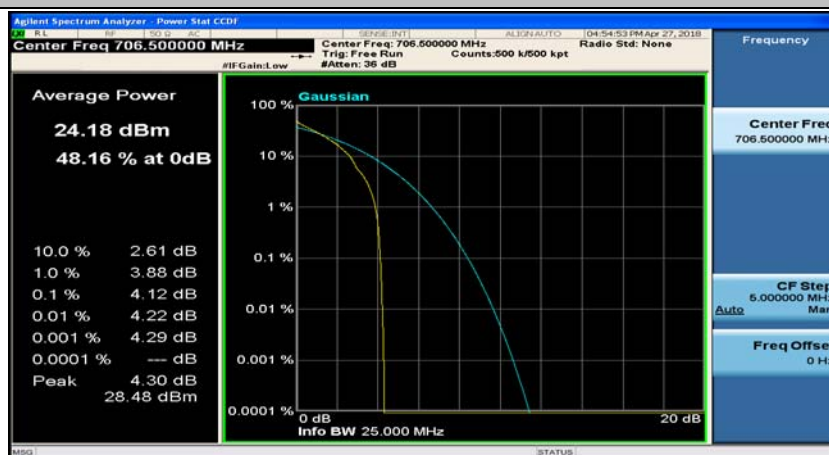
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(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



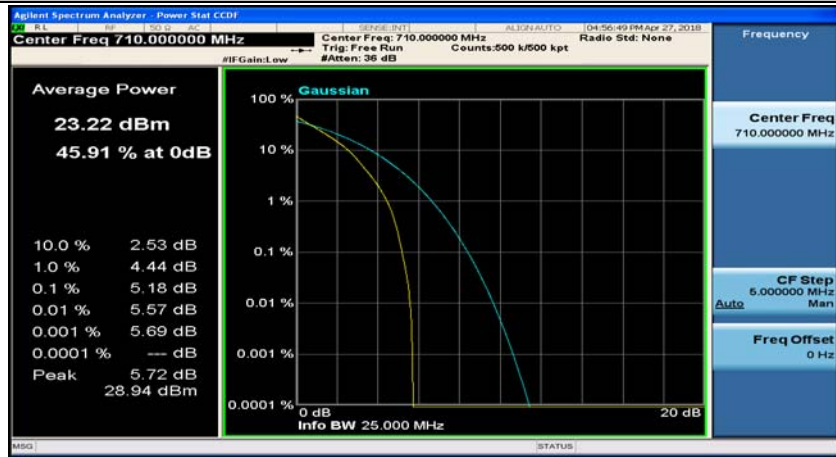
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



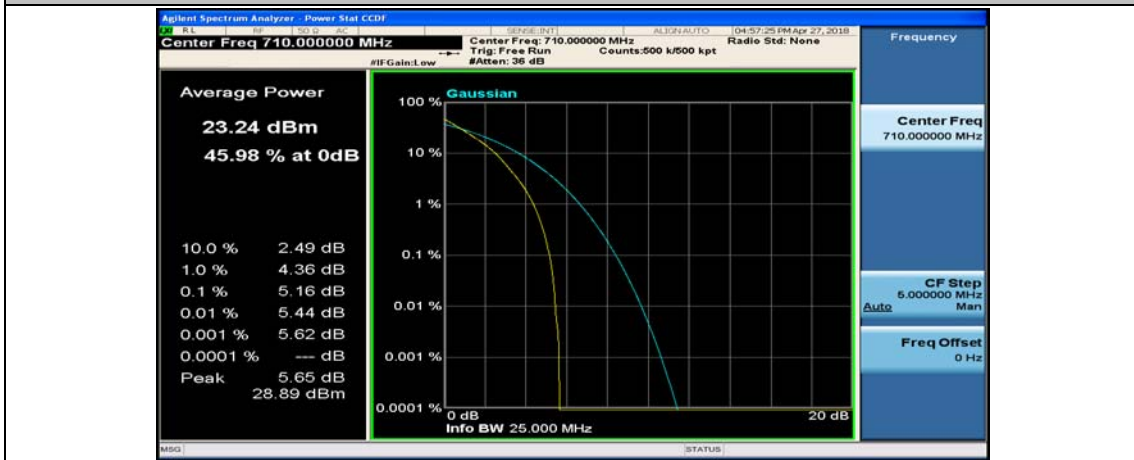
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



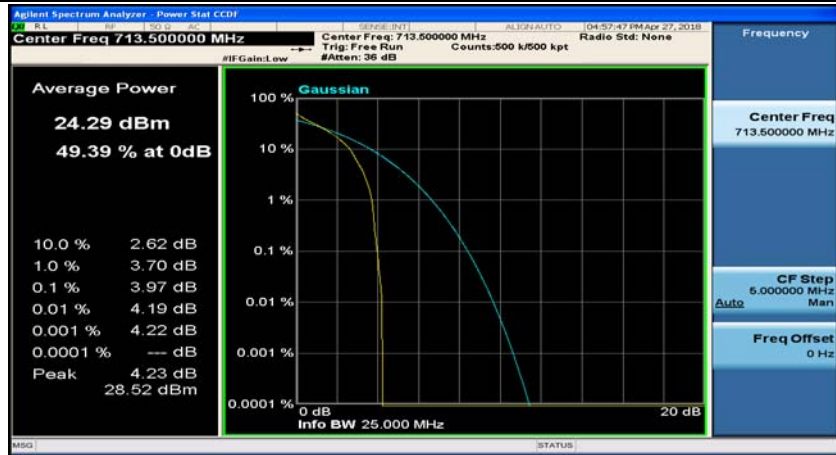
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



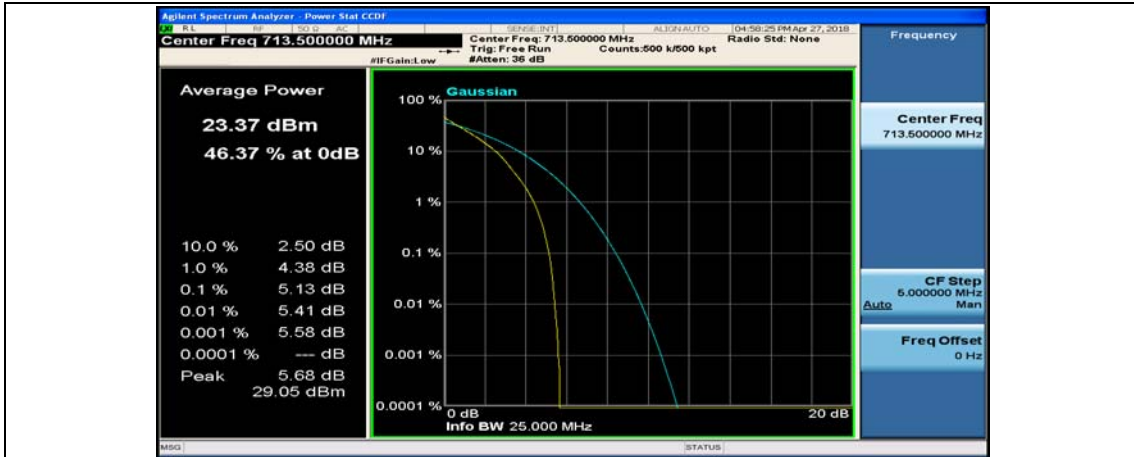
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



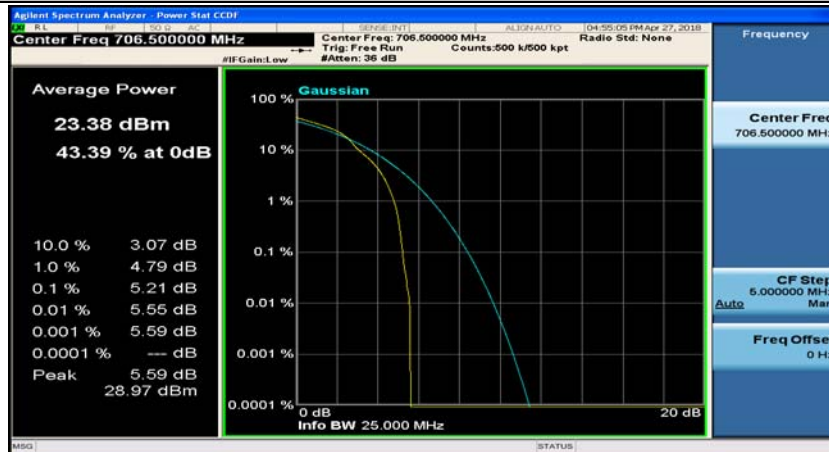
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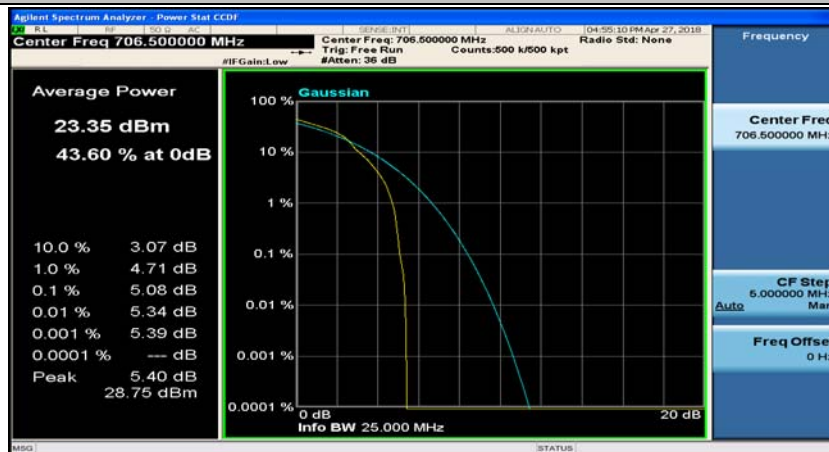
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



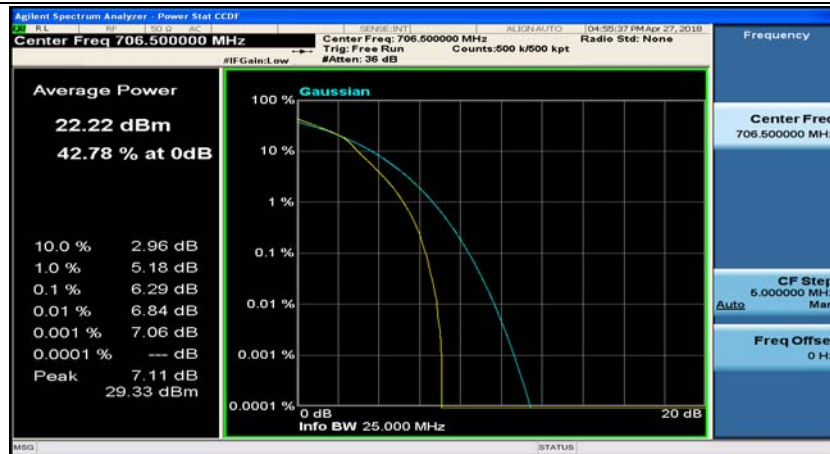
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



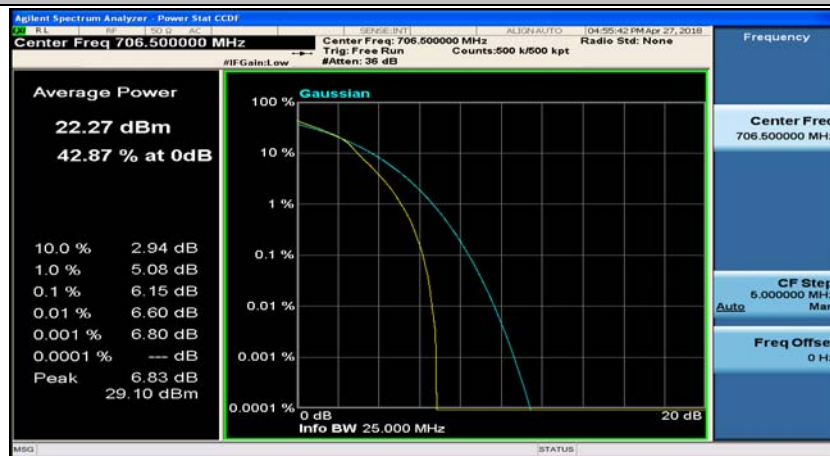
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



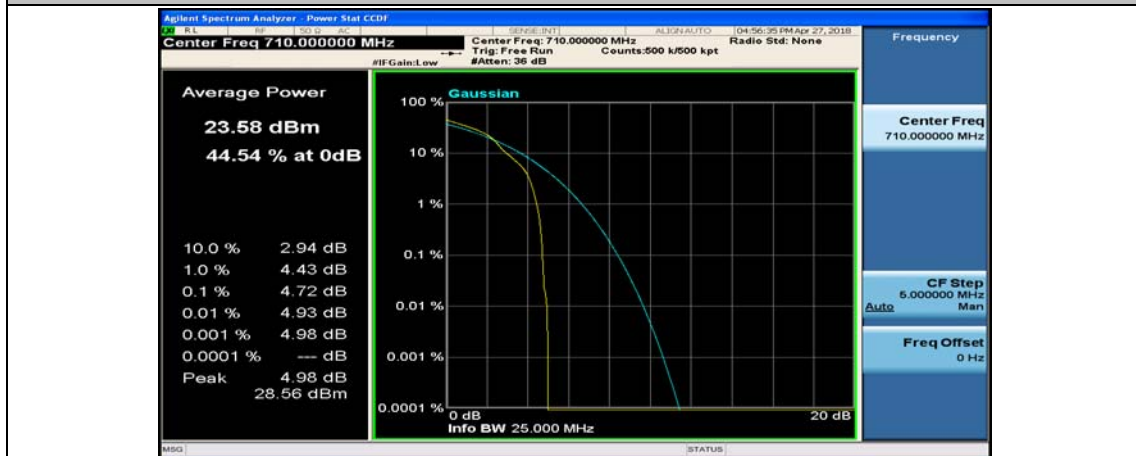
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(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



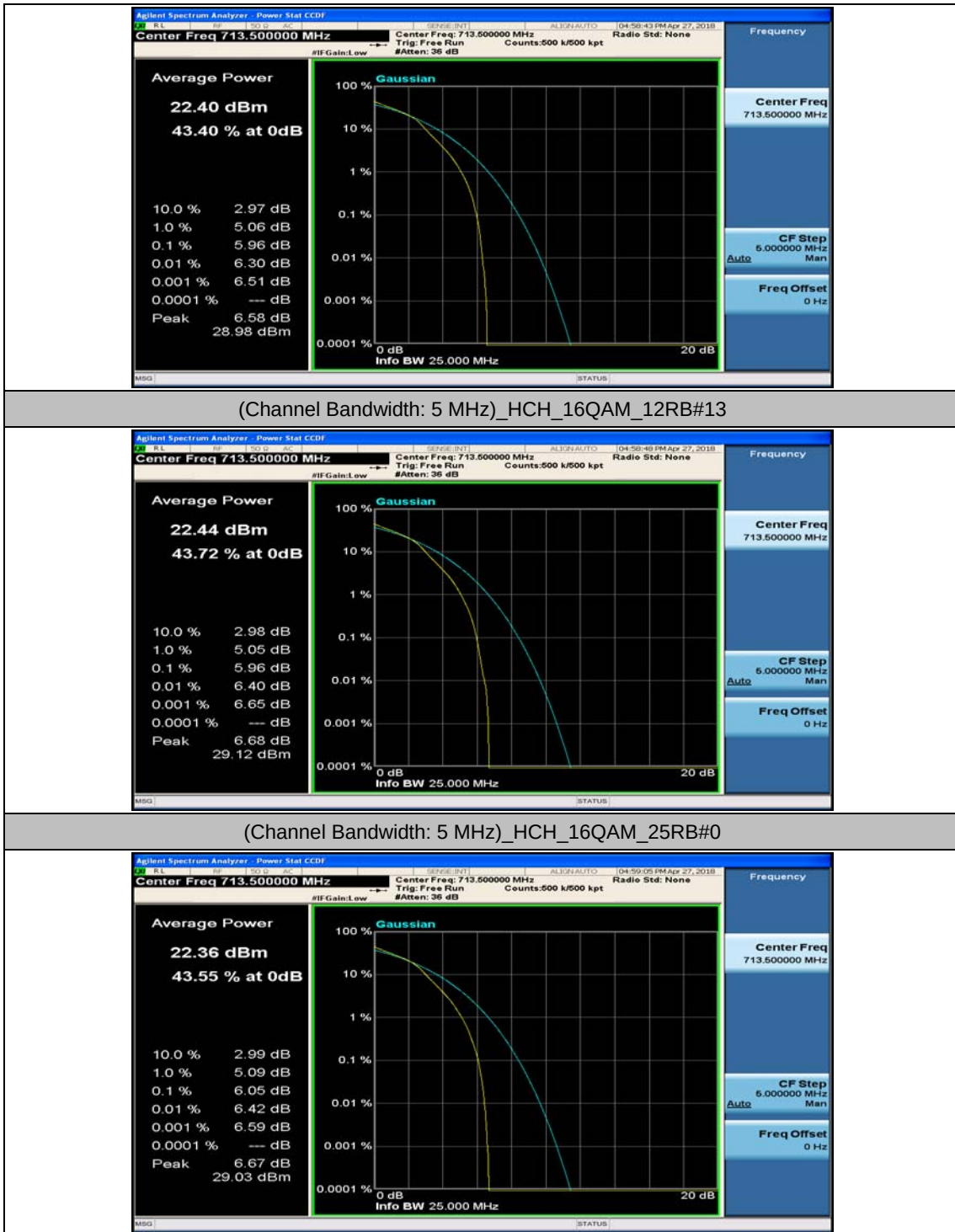
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



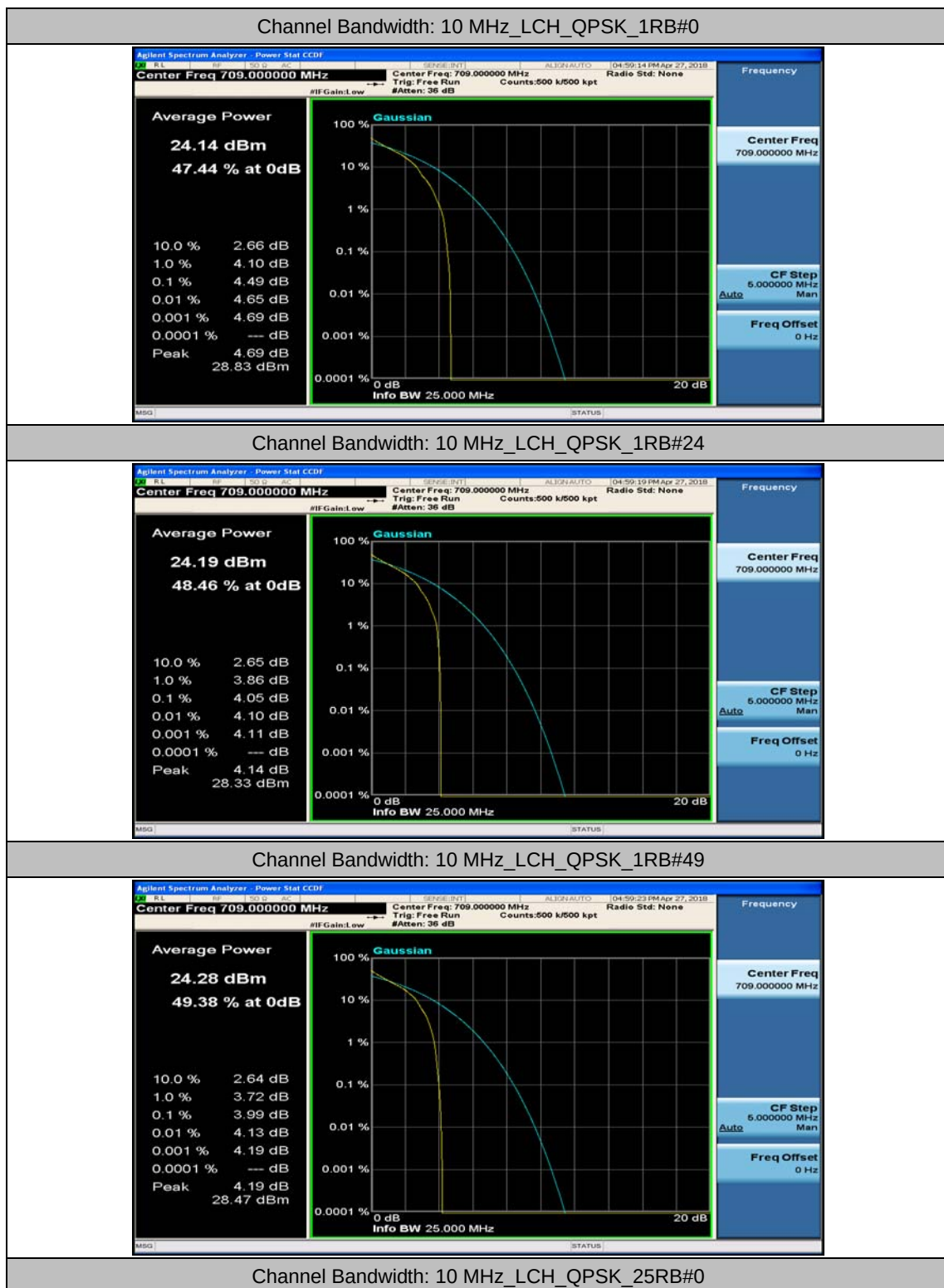
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0

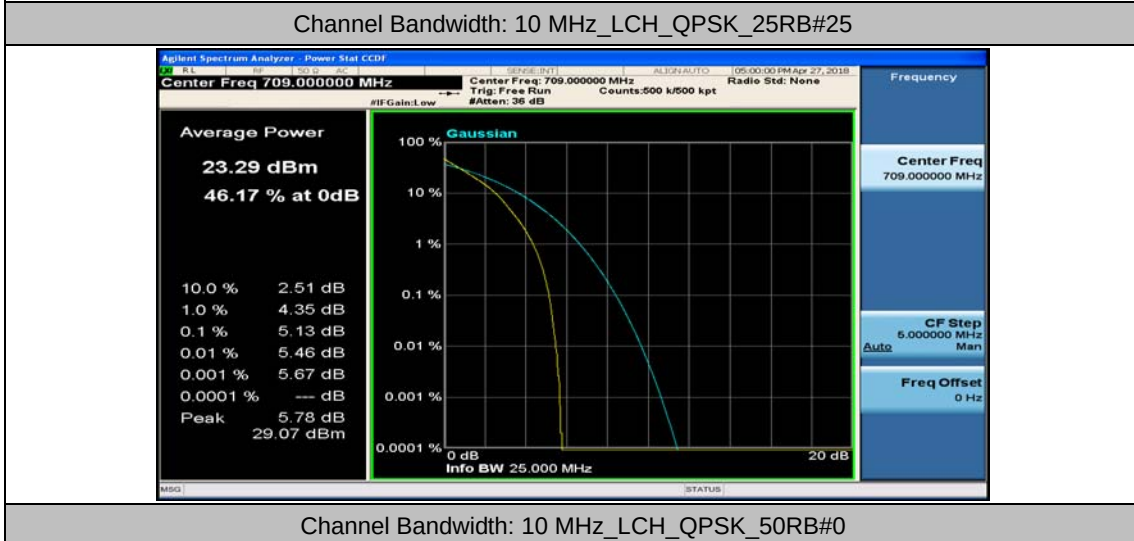
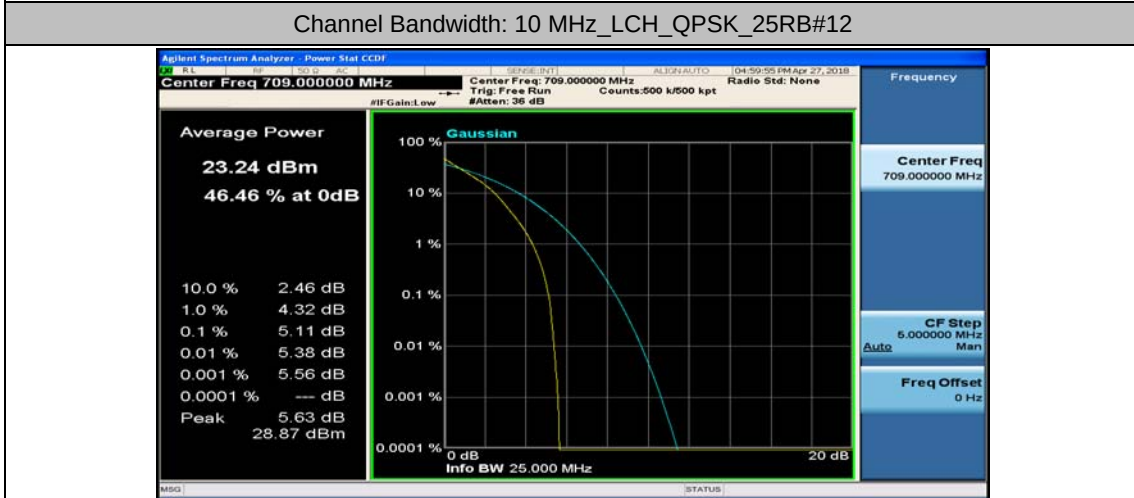


(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



Channel Bandwidth: 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



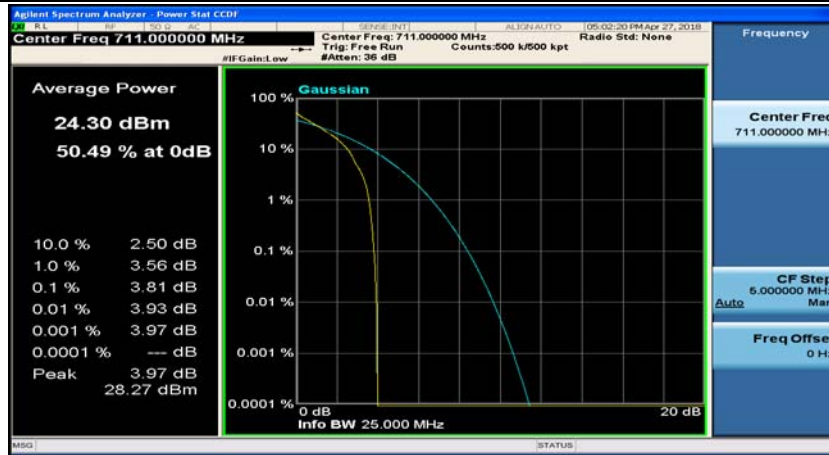
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



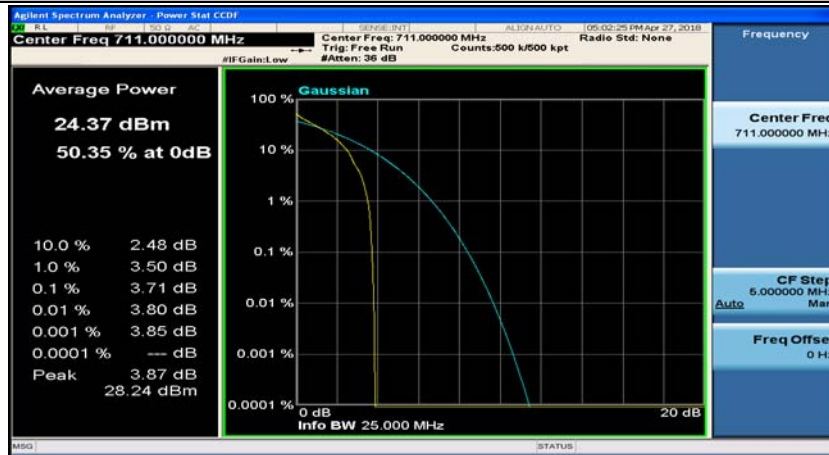
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0



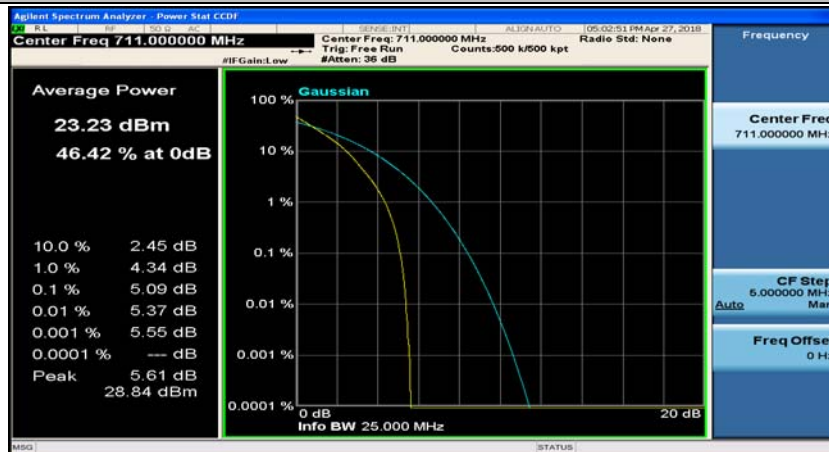
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24



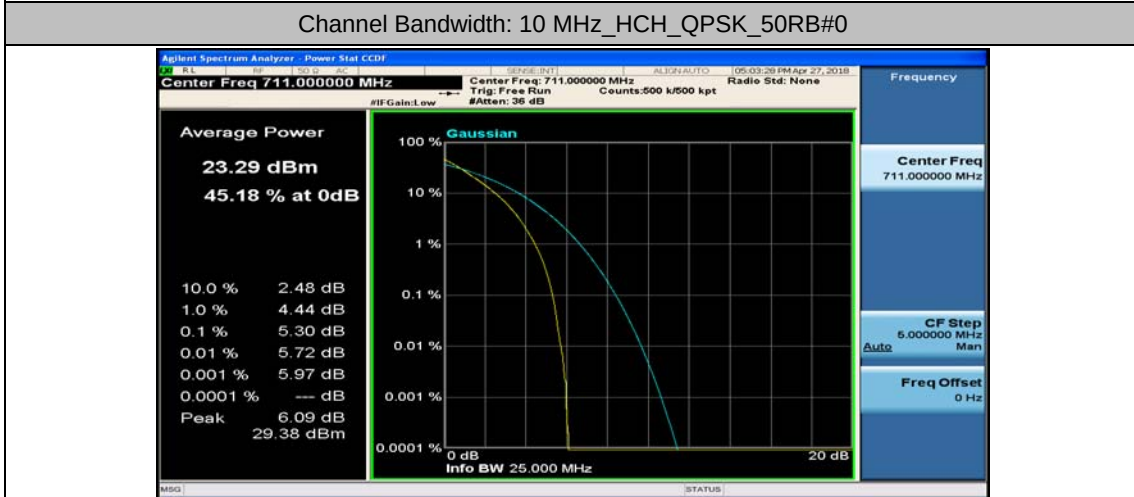
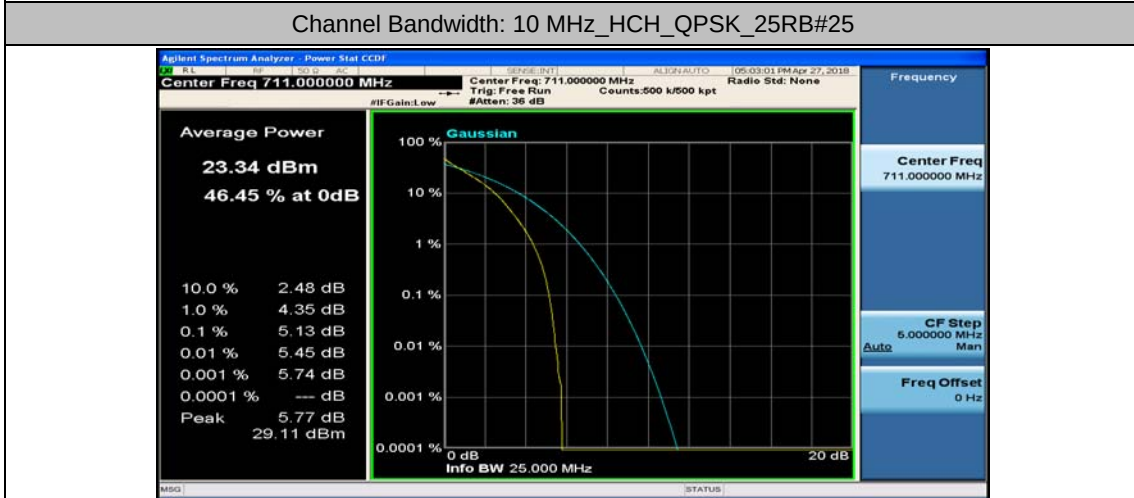
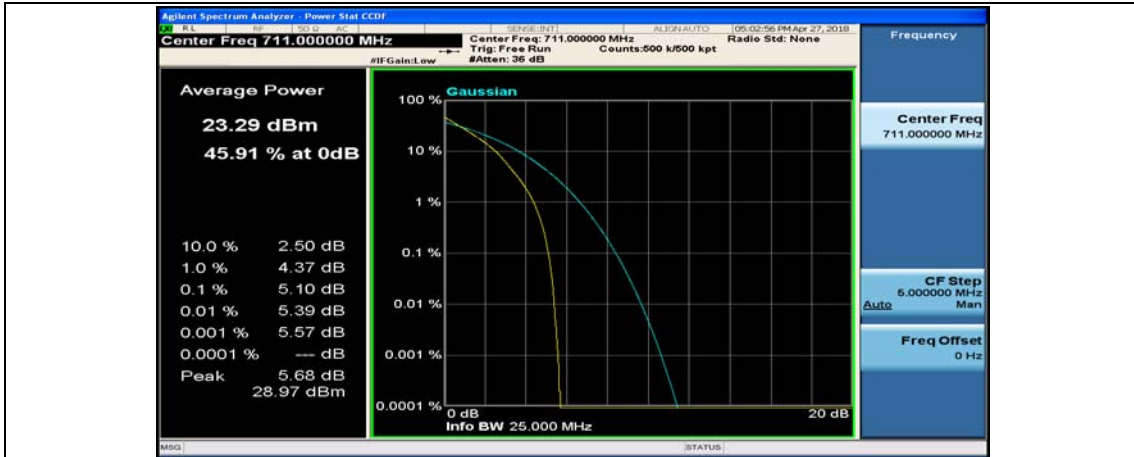
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



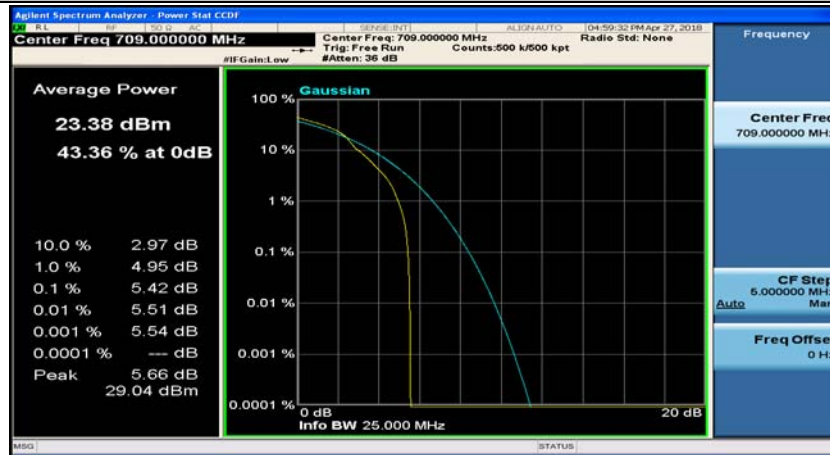
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



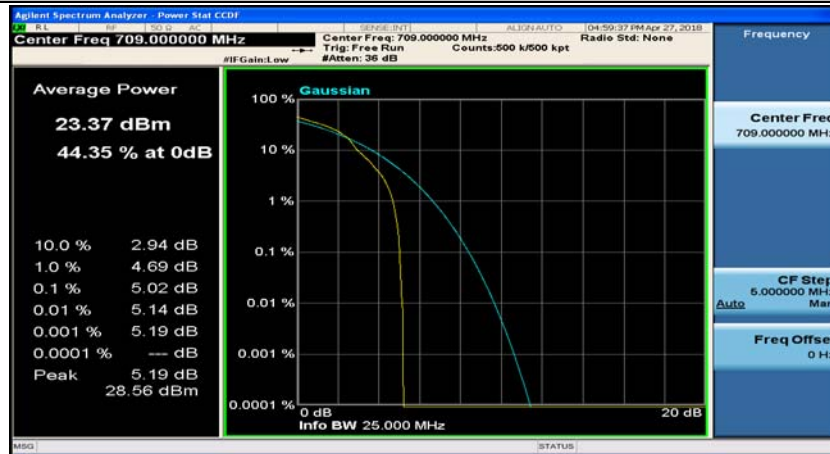
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



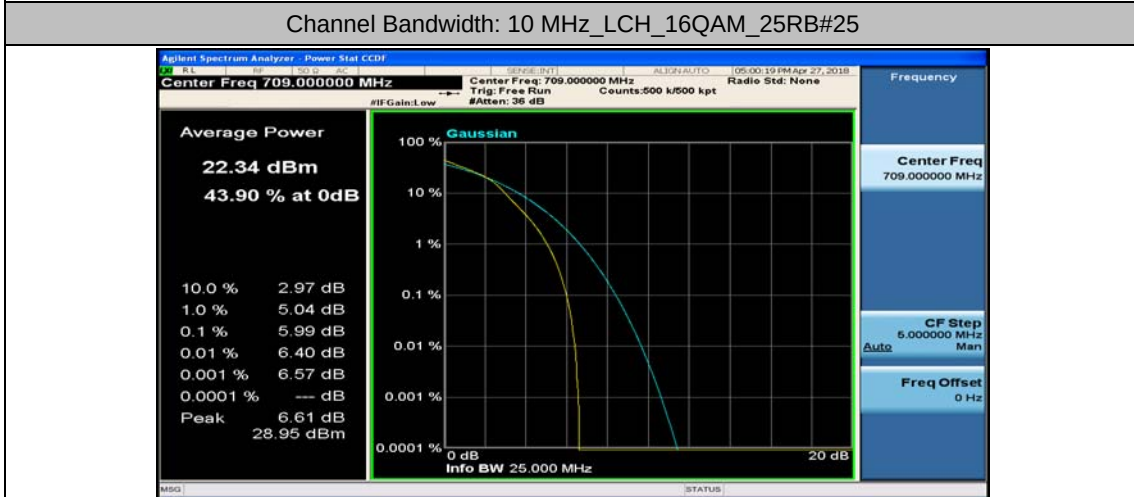
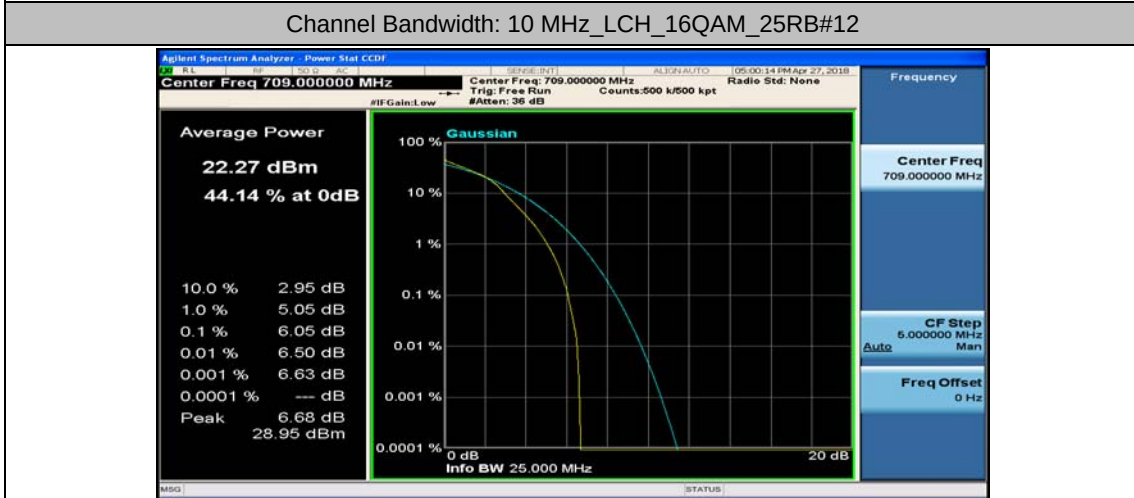
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0





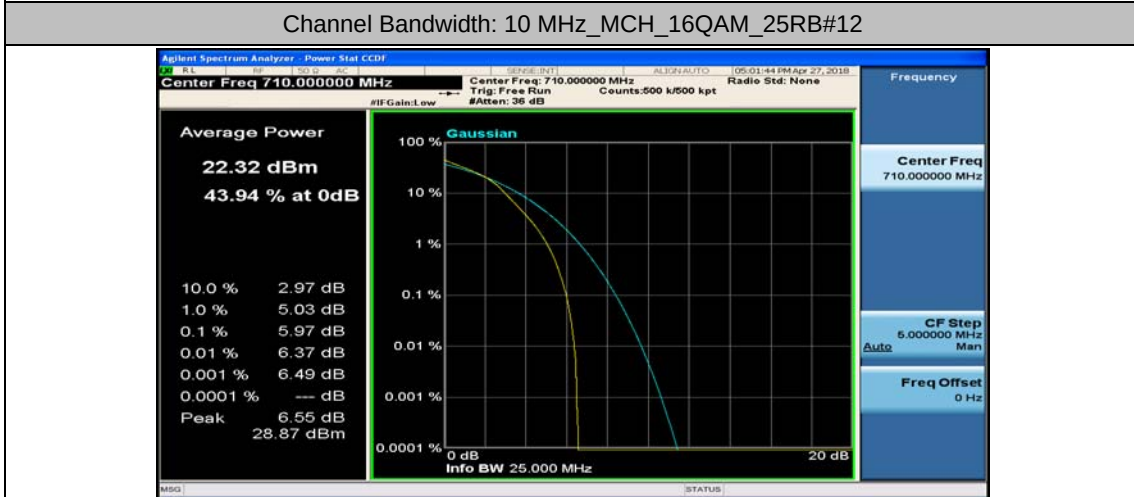
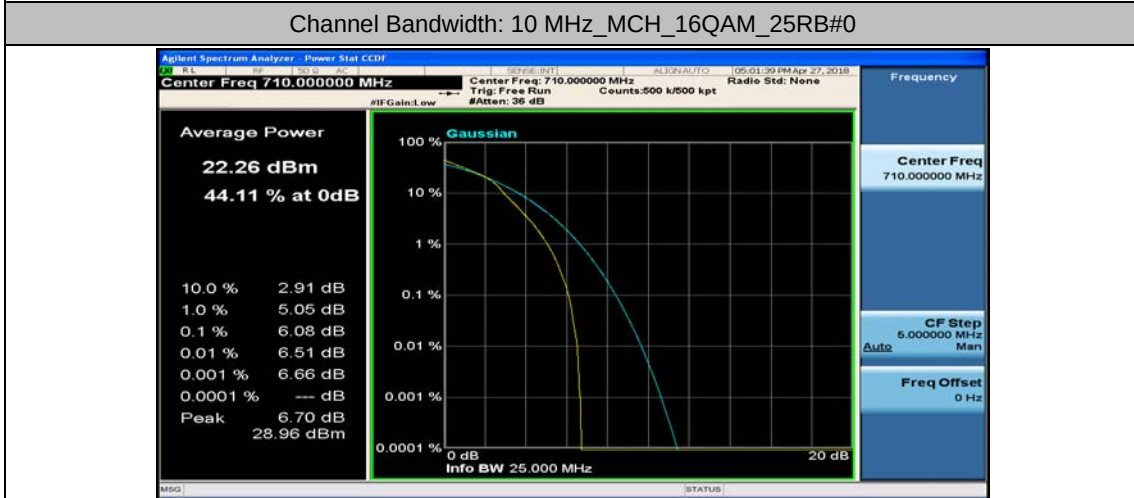
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

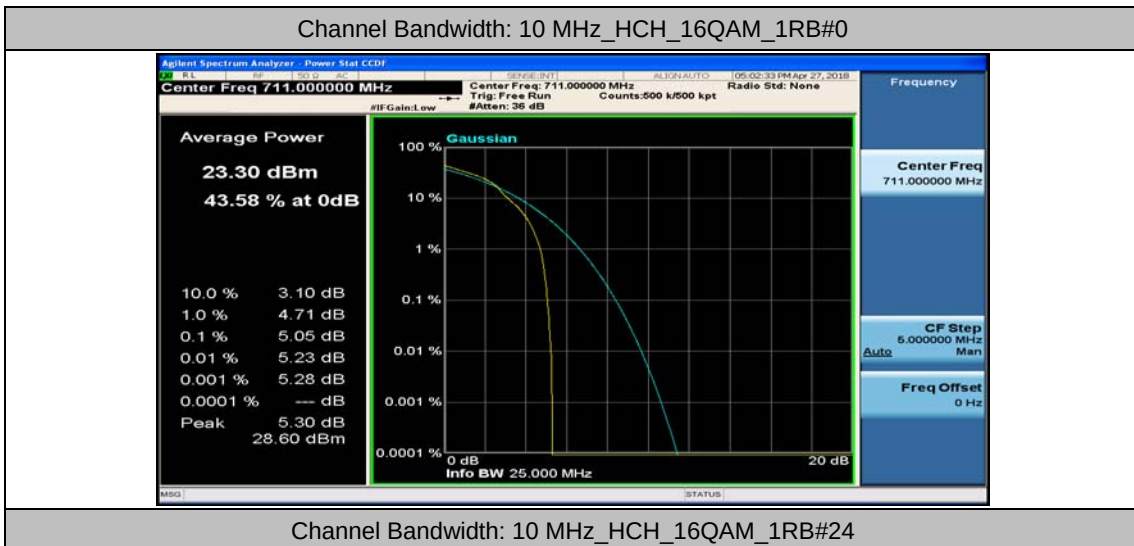


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

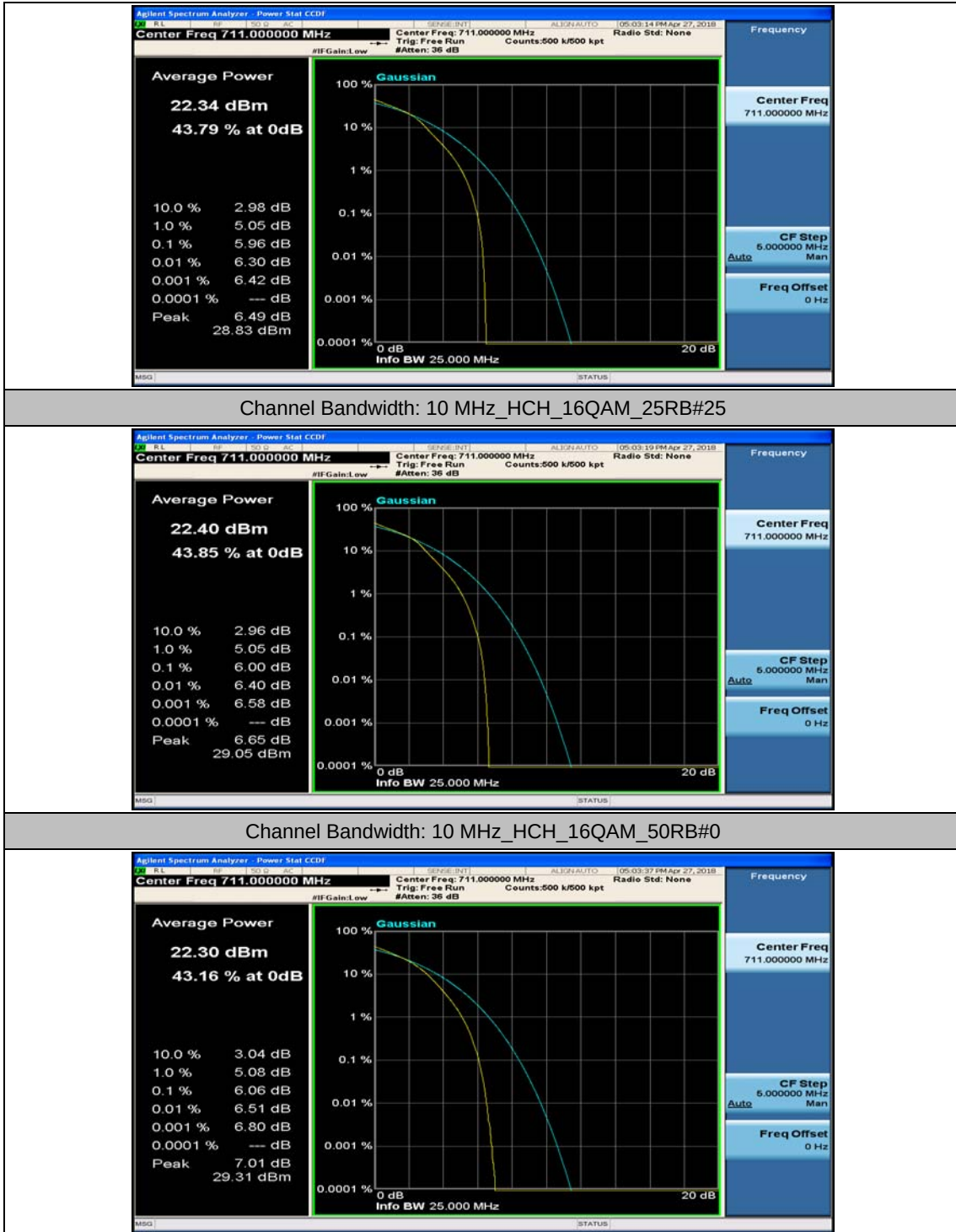


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49









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	4.4772	4.772	PASS
	MCH	25	0	4.4812	4.768	PASS
	HCH	25	0	4.4856	4.810	PASS
16QAM	LCH	25	0	4.4831	4.837	PASS
	MCH	25	0	4.4825	4.803	PASS
	HCH	25	0	4.4845	4.835	PASS

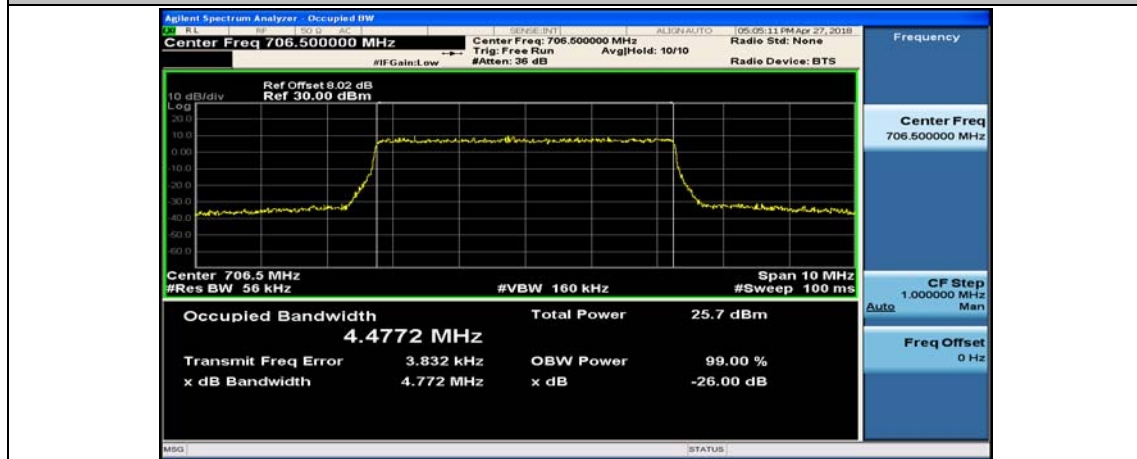
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9259	9.441	PASS
	MCH	50	0	8.9360	9.502	PASS
	HCH	50	0	8.9515	9.478	PASS
16QAM	LCH	50	0	8.9333	9.450	PASS
	MCH	50	0	8.9300	9.400	PASS
	HCH	50	0	8.9546	9.413	PASS

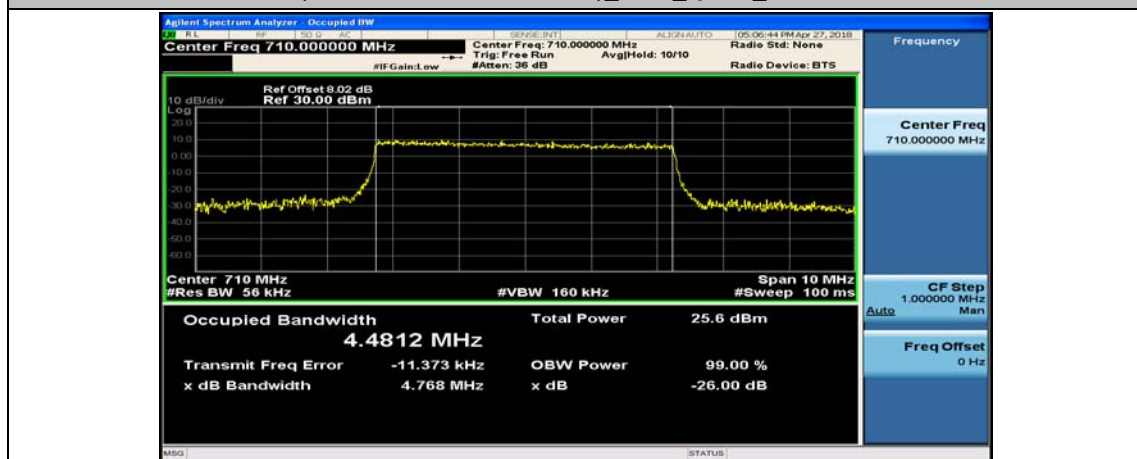
Test Graphs

Channel Bandwidth: 5 MHz

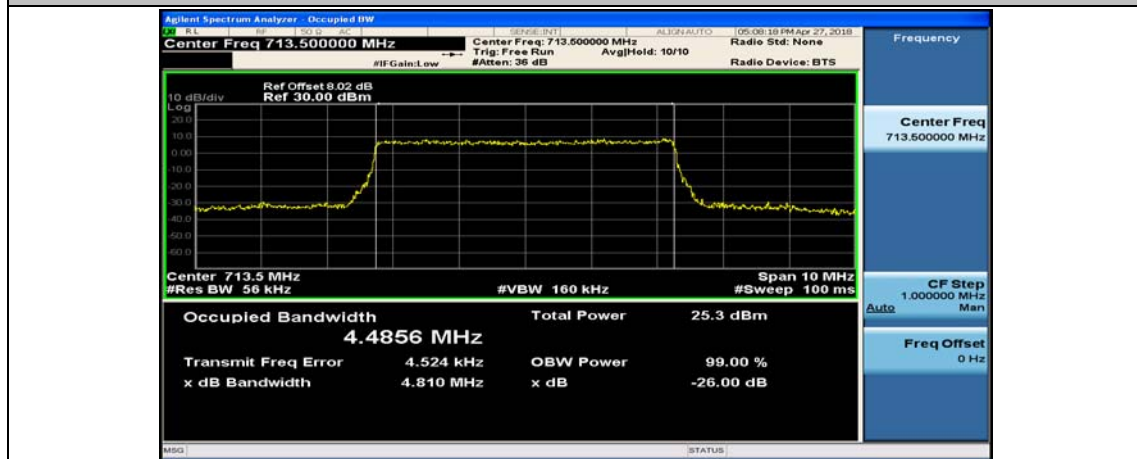
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



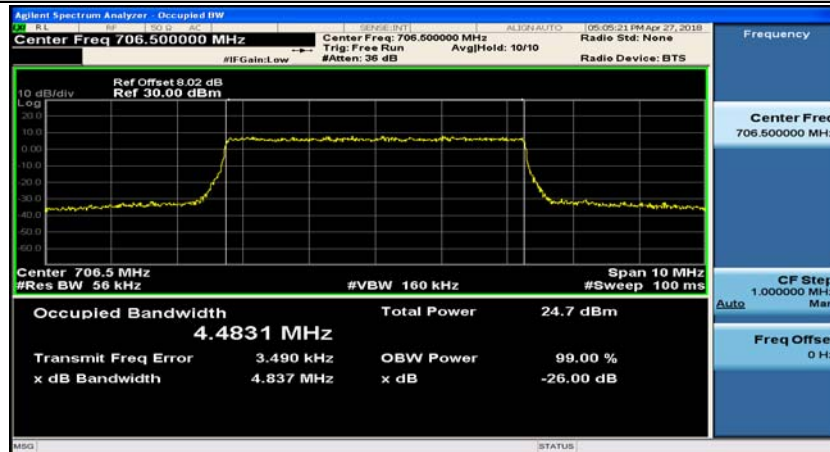
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



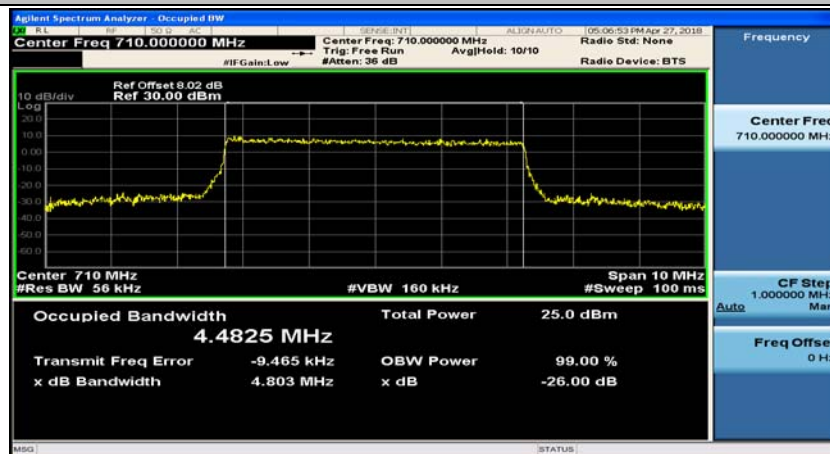
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



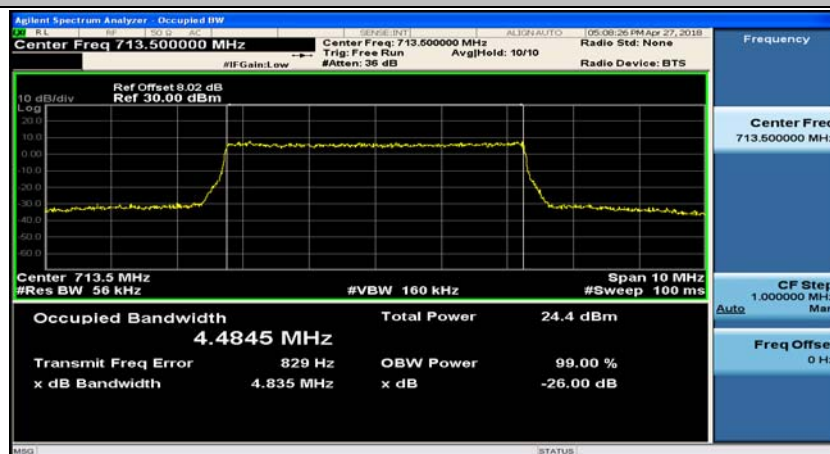
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

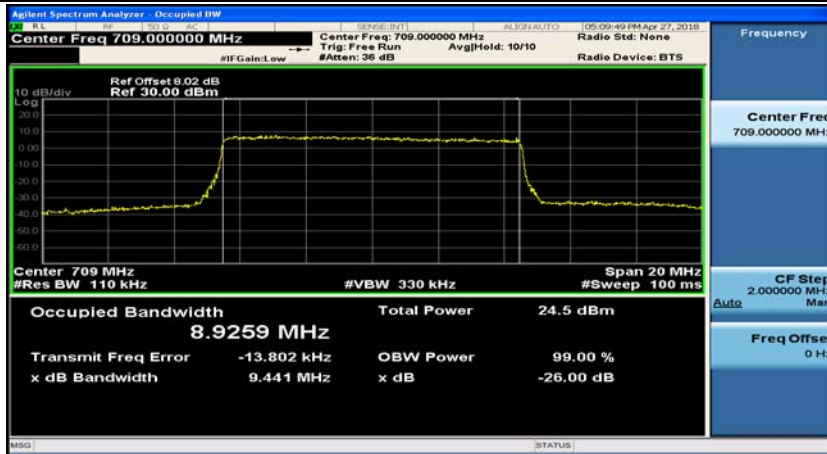


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

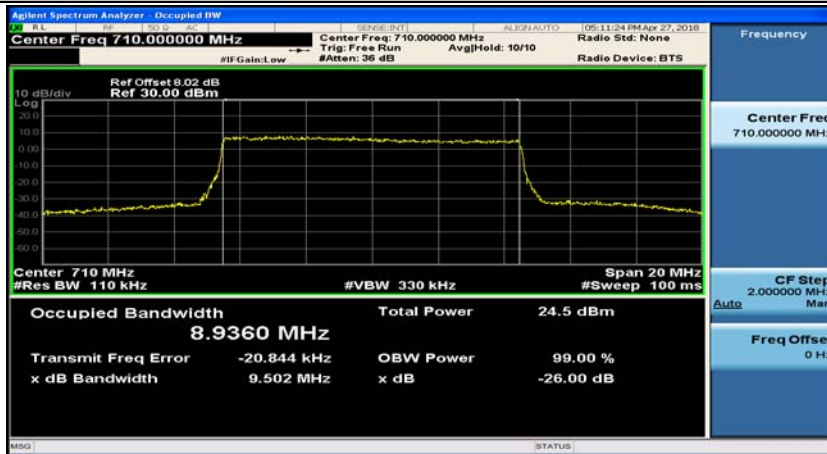


Channel Bandwidth: 10 MHz

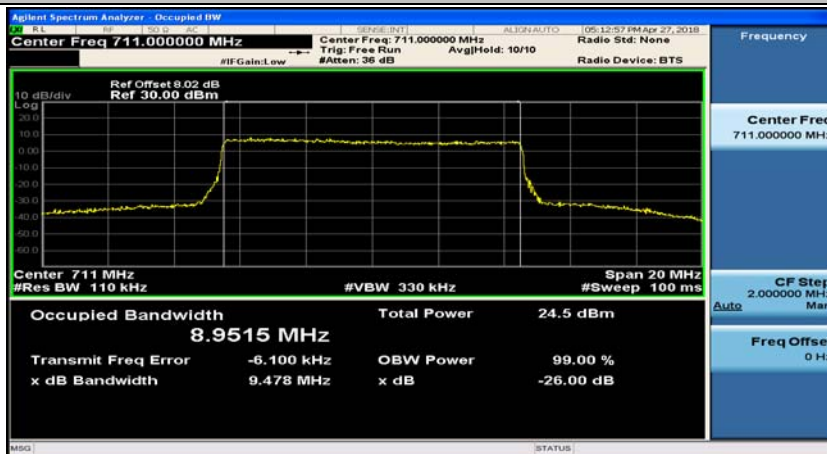
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



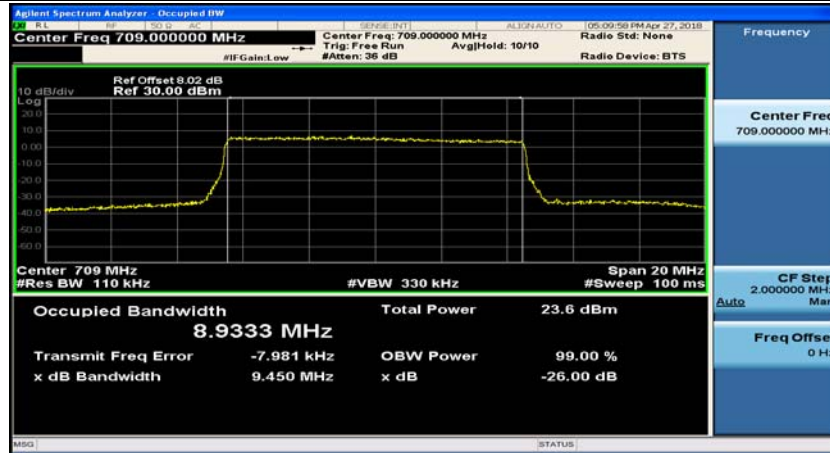
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



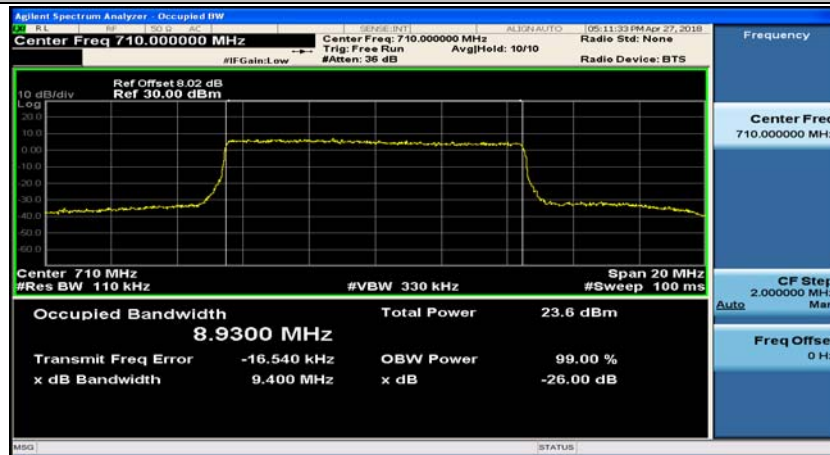
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



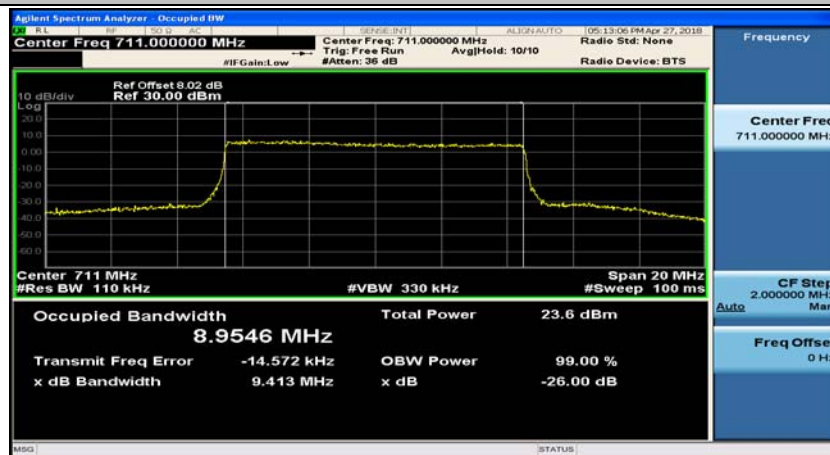
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

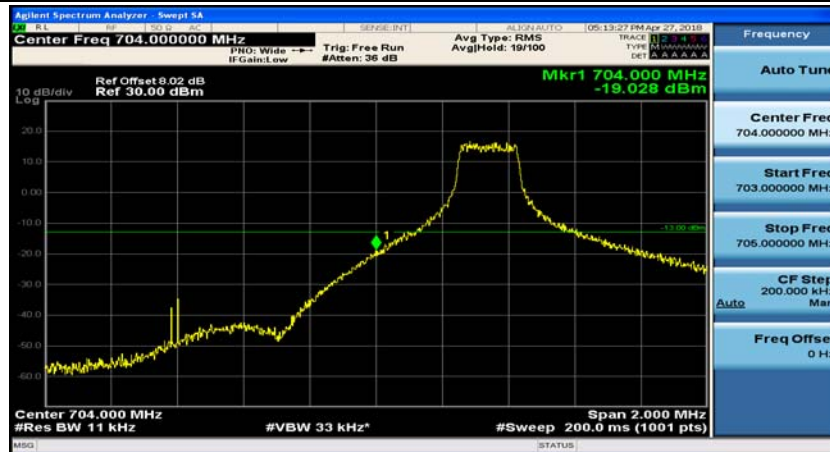


Appendix D: Band Edge

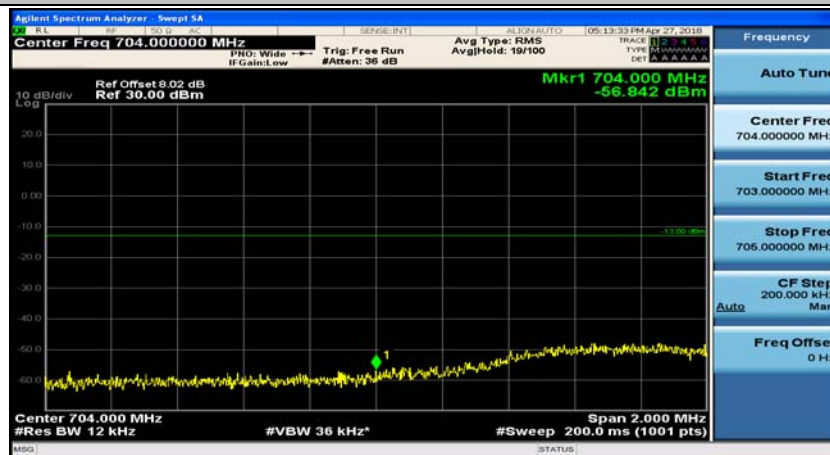
Test Graphs

Channel Bandwidth: 5 MHz

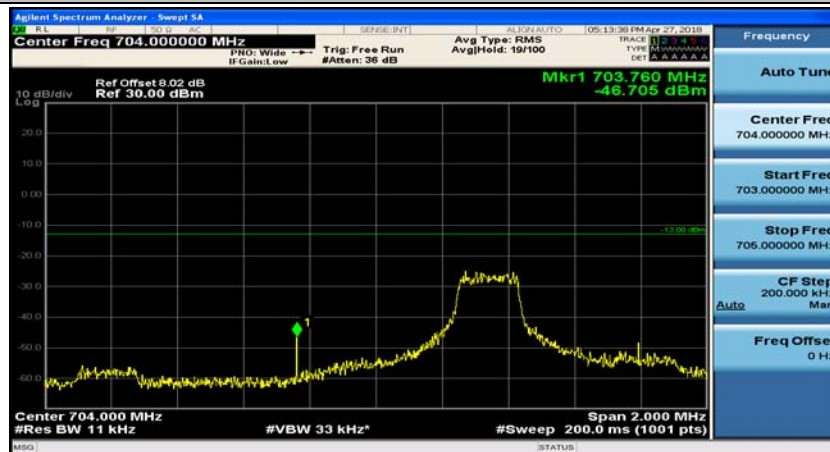
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(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



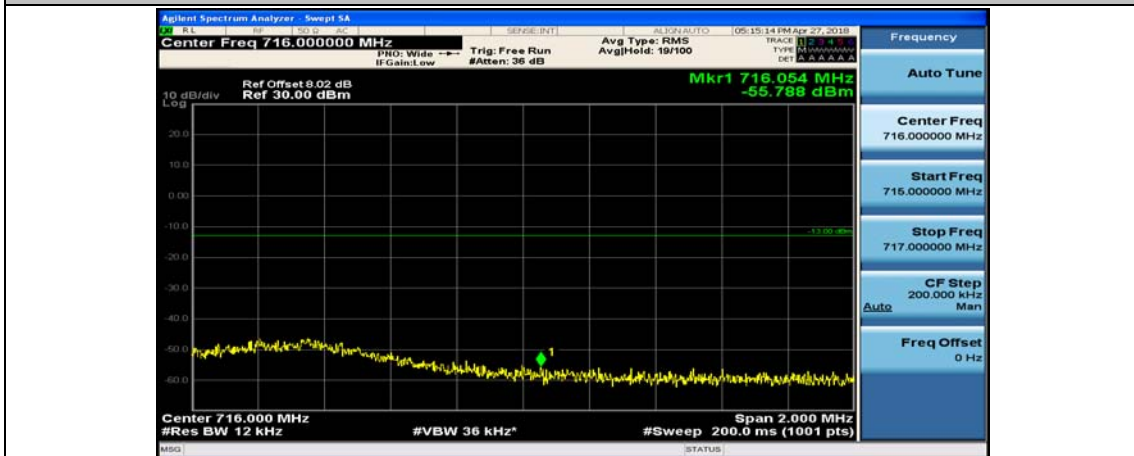
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

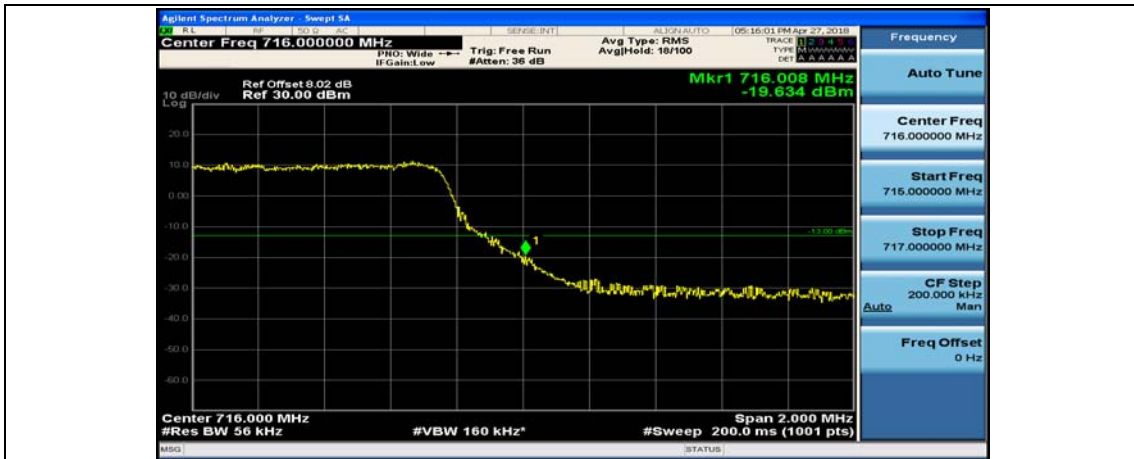


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24





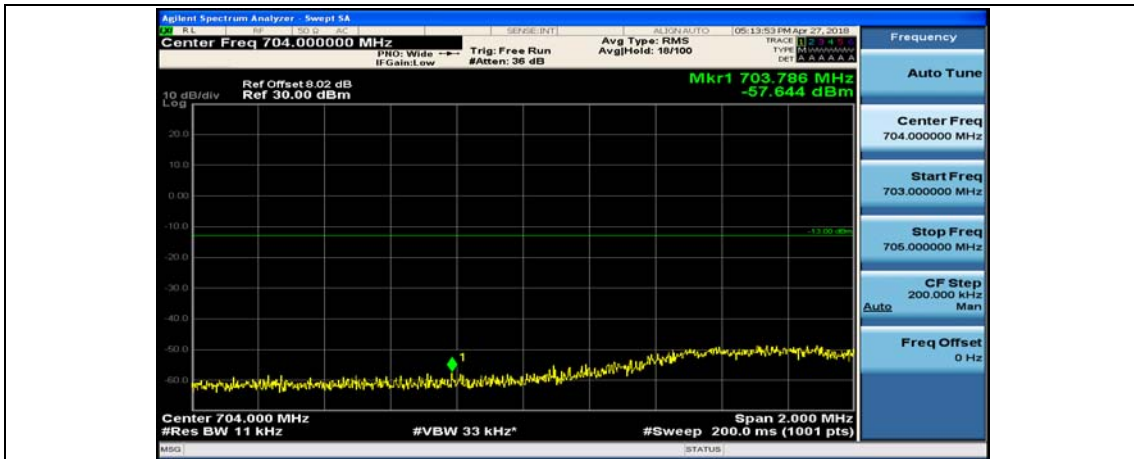
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



(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



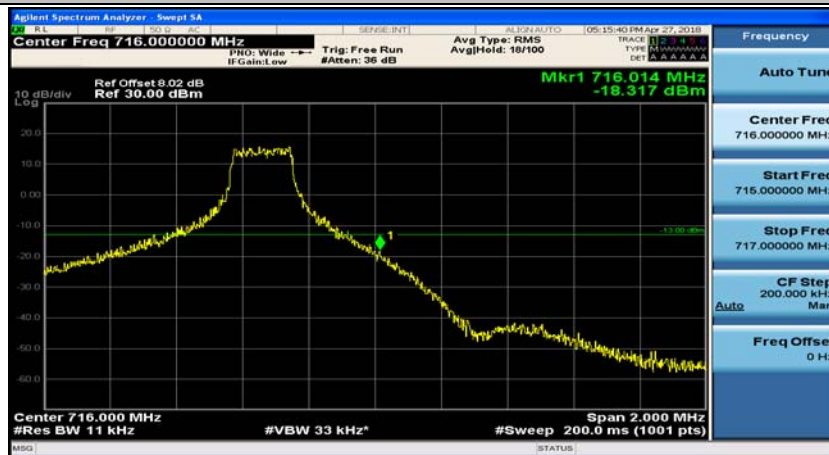
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



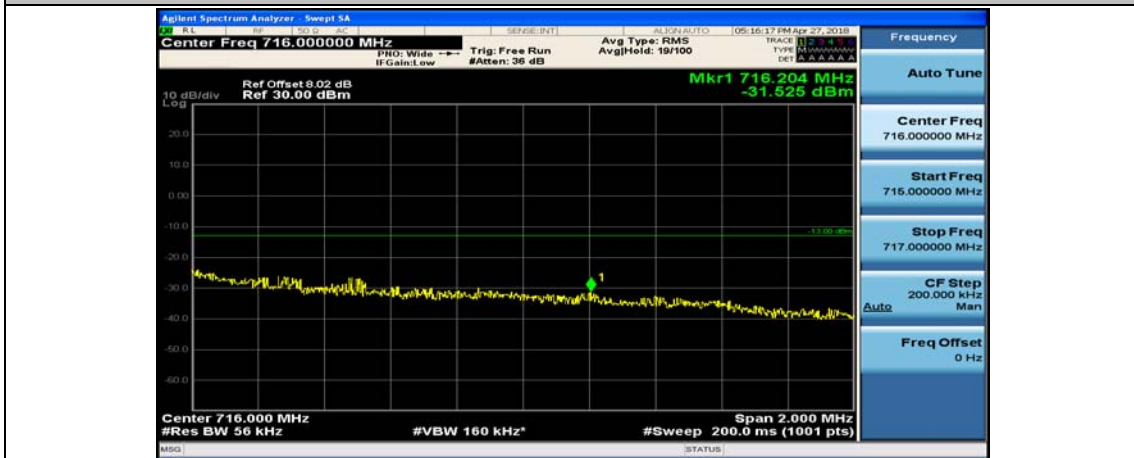
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



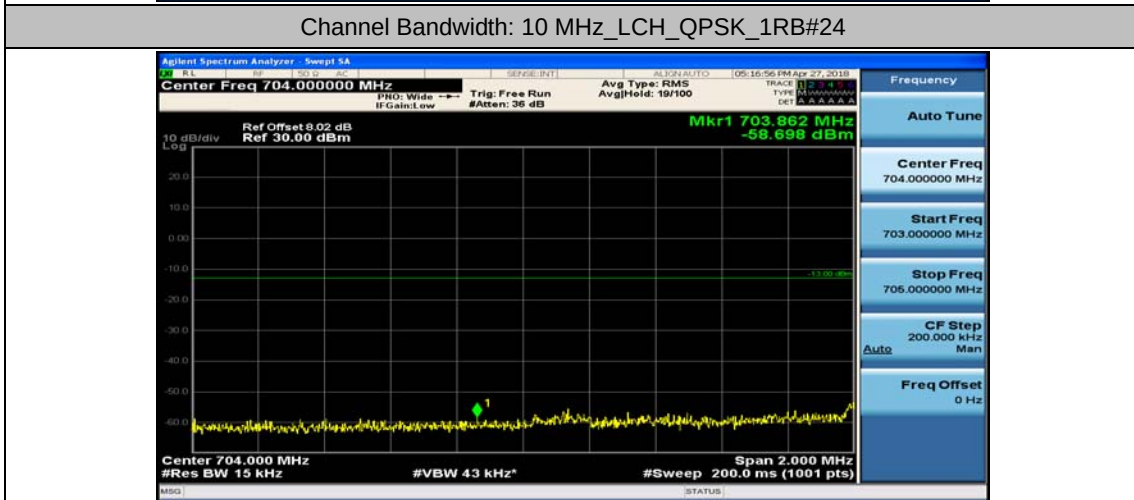
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz



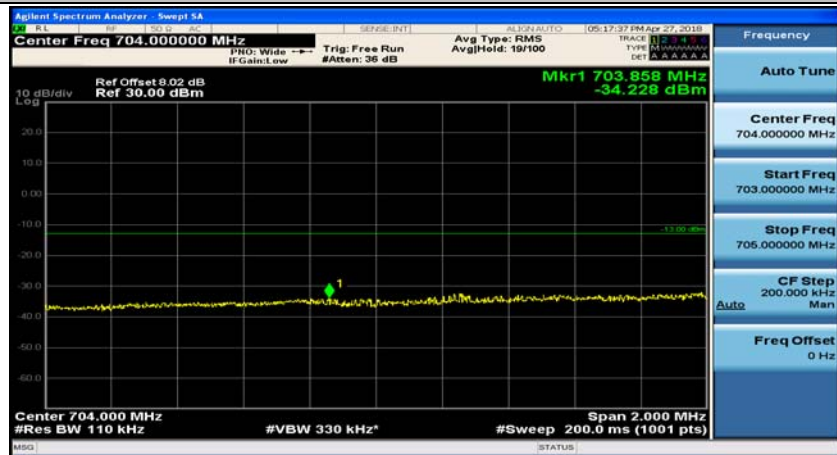
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49



Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25