

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	23.17	PASS
		1	12	23.41	PASS
		1	24	23.60	PASS
		12	0	22.36	PASS
		12	6	22.53	PASS
		12	13	22.62	PASS
		25	0	22.47	PASS
	MCH	1	0	23.49	PASS
		1	12	23.50	PASS
		1	24	23.52	PASS
		12	0	22.68	PASS
		12	6	22.61	PASS
		12	13	22.62	PASS
		25	0	22.57	PASS
	HCH	1	0	23.53	PASS
		1	12	23.37	PASS
		1	24	23.09	PASS
		12	0	22.51	PASS
		12	6	22.45	PASS
		12	13	22.32	PASS
		25	0	22.46	PASS
16QAM	LCH	1	0	22.14	PASS
		1	12	22.32	PASS
		1	24	22.48	PASS
		12	0	21.47	PASS
		12	6	21.60	PASS
		12	13	21.65	PASS
		25	0	21.46	PASS
	MCH	1	0	22.42	PASS
		1	12	22.53	PASS
		1	24	22.51	PASS
		12	0	21.73	PASS

		12	6	21.67	PASS
		12	13	21.64	PASS
		25	0	21.51	PASS
	HCH	1	0	22.19	PASS
		1	12	22.05	PASS
		1	24	21.79	PASS
		12	0	21.45	PASS
		12	6	21.32	PASS
		12	13	21.30	PASS
		25	0	21.31	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.15	PASS
		1	24	23.61	PASS
		1	49	23.38	PASS
		25	0	22.50	PASS
		25	12	22.53	PASS
		25	25	22.51	PASS
		50	0	22.48	PASS
	MCH	1	0	23.16	PASS
		1	24	23.55	PASS
		1	49	23.27	PASS
		25	0	22.61	PASS
		25	12	22.51	PASS
		25	25	22.35	PASS
		50	0	22.40	PASS
	HCH	1	0	23.46	PASS
		1	24	23.43	PASS
		1	49	22.99	PASS
		25	0	22.56	PASS
		25	12	22.51	PASS
		25	25	22.31	PASS
		50	0	22.34	PASS
16QAM	LCH	1	0	22.14	PASS
		1	24	22.56	PASS
		1	49	22.17	PASS
		25	0	21.39	PASS
		25	12	21.48	PASS
		25	25	21.57	PASS
		50	0	21.33	PASS

	MCH	1	0	22.21	PASS
		1	24	22.59	PASS
		1	49	22.29	PASS
		25	0	21.47	PASS
		25	12	21.52	PASS
		25	25	21.45	PASS
		50	0	21.29	PASS
	HCH	1	0	22.35	PASS
		1	24	22.53	PASS
		1	49	21.98	PASS
		25	0	21.54	PASS
		25	12	21.45	PASS
		25	25	21.36	PASS
		50	0	21.41	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	4.9	<13	PASS
		1	12	3.89	<13	PASS
		1	24	3.24	<13	PASS
		12	0	5.48	<13	PASS
		12	6	5.05	<13	PASS
		12	13	4.65	<13	PASS
		25	0	5.33	<13	PASS
	MCH	1	0	3.54	<13	PASS
		1	12	3.51	<13	PASS
		1	24	4.67	<13	PASS
		12	0	4.35	<13	PASS
		12	6	4.41	<13	PASS
		12	13	4.94	<13	PASS
		25	0	4.96	<13	PASS
	HCH	1	0	4.23	<13	PASS
		1	12	4.85	<13	PASS
		1	24	4.23	<13	PASS
		12	0	5.5	<13	PASS
		12	6	5.57	<13	PASS
		12	13	5.51	<13	PASS
		25	0	5.61	<13	PASS
16QAM	LCH	1	0	6.02	<13	PASS
		1	12	5.25	<13	PASS
		1	24	4.54	<13	PASS
		12	0	6.32	<13	PASS
		12	6	5.96	<13	PASS
		12	13	5.55	<13	PASS
		25	0	6.18	<13	PASS
	MCH	1	0	4.54	<13	PASS
		1	12	4.43	<13	PASS
		1	24	5.61	<13	PASS
		12	0	5.32	<13	PASS

		12	6	5.37	<13	PASS
		12	13	5.94	<13	PASS
		25	0	5.8	<13	PASS
	HCH	1	0	5.31	<13	PASS
		1	12	6.12	<13	PASS
		1	24	5.35	<13	PASS
		12	0	6.32	<13	PASS
		12	6	6.37	<13	PASS
		12	13	6.3	<13	PASS
		25	0	6.4	<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	4.9	<13	PASS
		1	24	3.27	<13	PASS
		1	49	4.94	<13	PASS
		25	0	5.05	<13	PASS
		25	12	4.71	<13	PASS
		25	25	5.13	<13	PASS
		50	0	5.18	<13	PASS
	MCH	1	0	4.52	<13	PASS
		1	24	3.39	<13	PASS
		1	49	4.81	<13	PASS
		25	0	4.73	<13	PASS
		25	12	4.78	<13	PASS
		25	25	5.36	<13	PASS
		50	0	5.22	<13	PASS
	HCH	1	0	3.93	<13	PASS
		1	24	3.82	<13	PASS
		1	49	4.34	<13	PASS
		25	0	4.68	<13	PASS
		25	12	5.03	<13	PASS
		25	25	5.46	<13	PASS
		50	0	5.29	<13	PASS
16QAM	LCH	1	0	6.02	<13	PASS
		1	24	4.39	<13	PASS
		1	49	6.18	<13	PASS
		25	0	5.94	<13	PASS
		25	12	5.56	<13	PASS

		25	25	5.96	<13	PASS
		50	0	5.98	<13	PASS
	MCH	1	0	5.63	<13	PASS
		1	24	4.49	<13	PASS
		1	49	5.84	<13	PASS
		25	0	5.72	<13	PASS
		25	12	5.61	<13	PASS
		25	25	6.2	<13	PASS
		50	0	6	<13	PASS
	HCH	1	0	5.19	<13	PASS
		1	24	5.1	<13	PASS
		1	49	5.45	<13	PASS
		25	0	5.55	<13	PASS
		25	12	5.83	<13	PASS
		25	25	6.31	<13	PASS
		50	0	6.07	<13	PASS

Test Graphs

Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



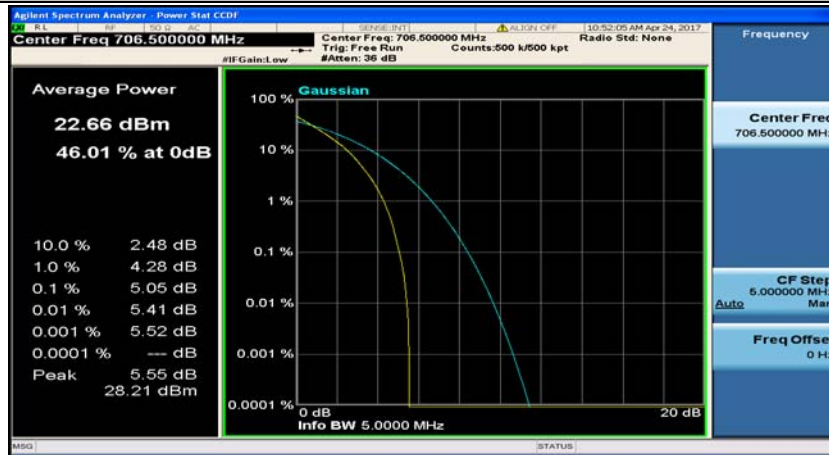
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



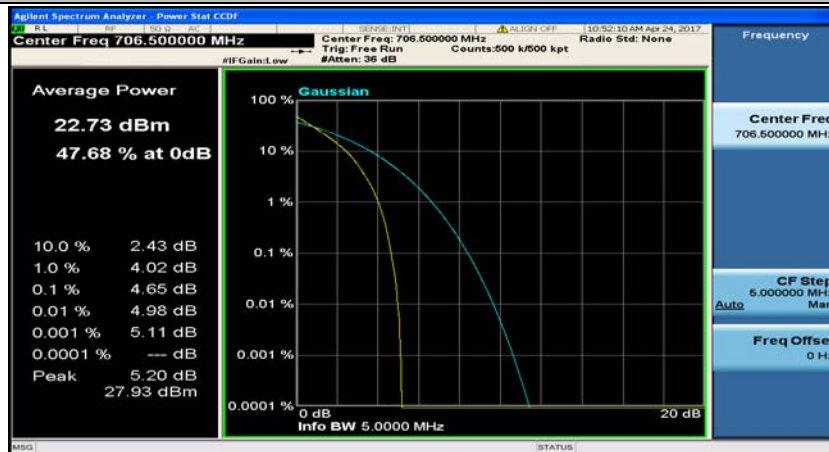
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



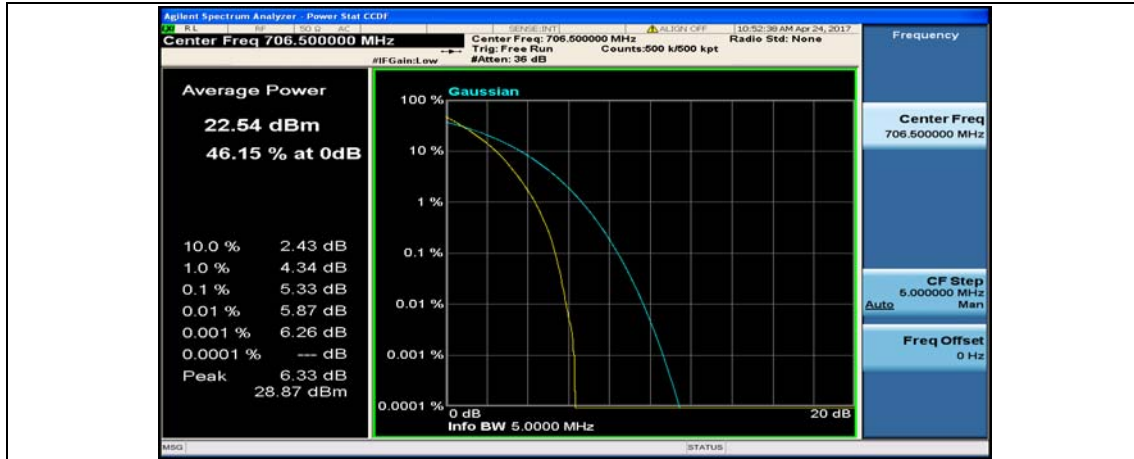
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



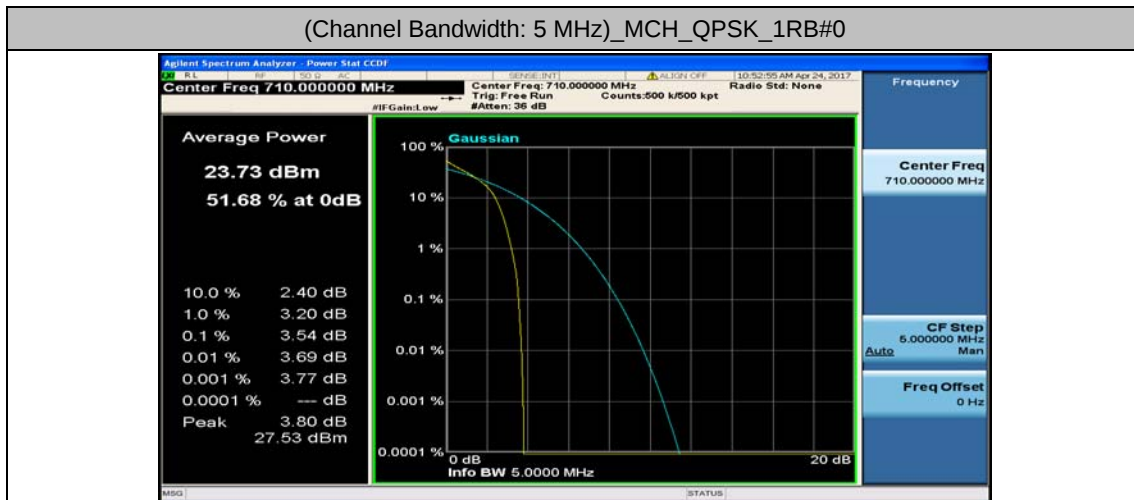
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



(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



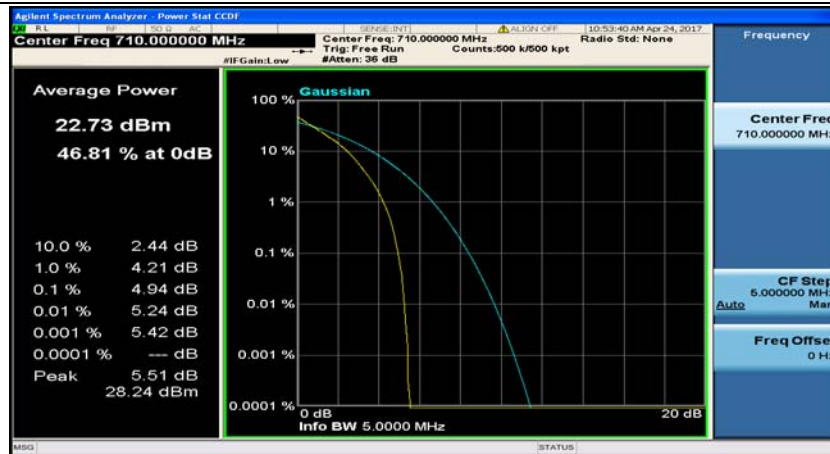
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



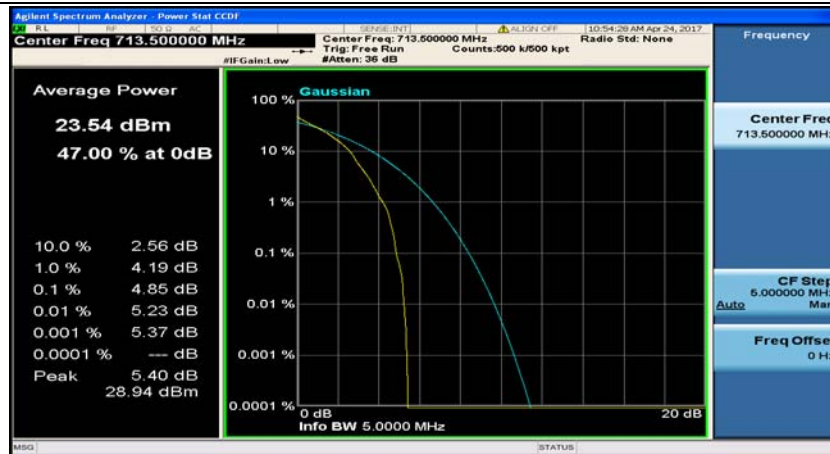
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



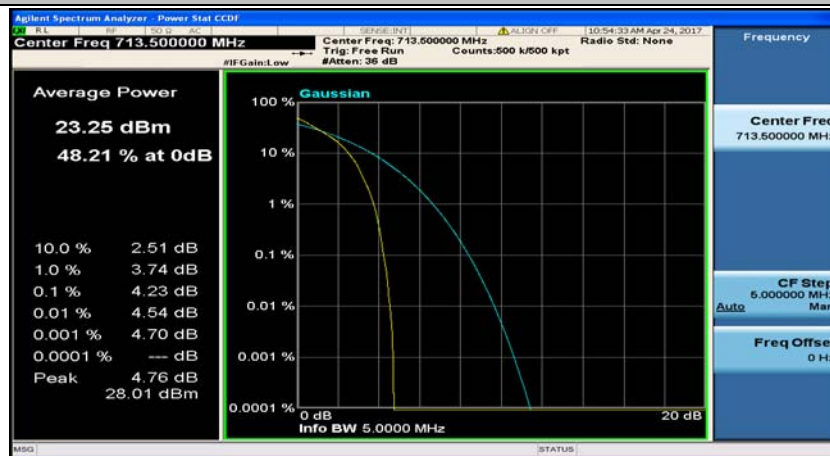
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



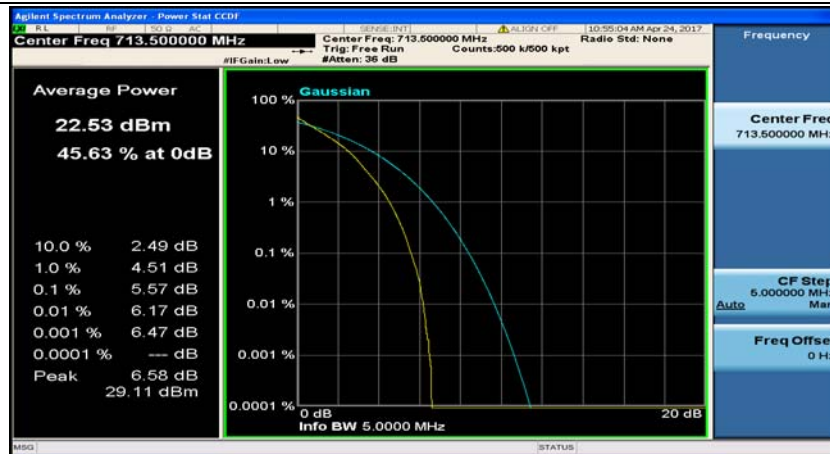
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



(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



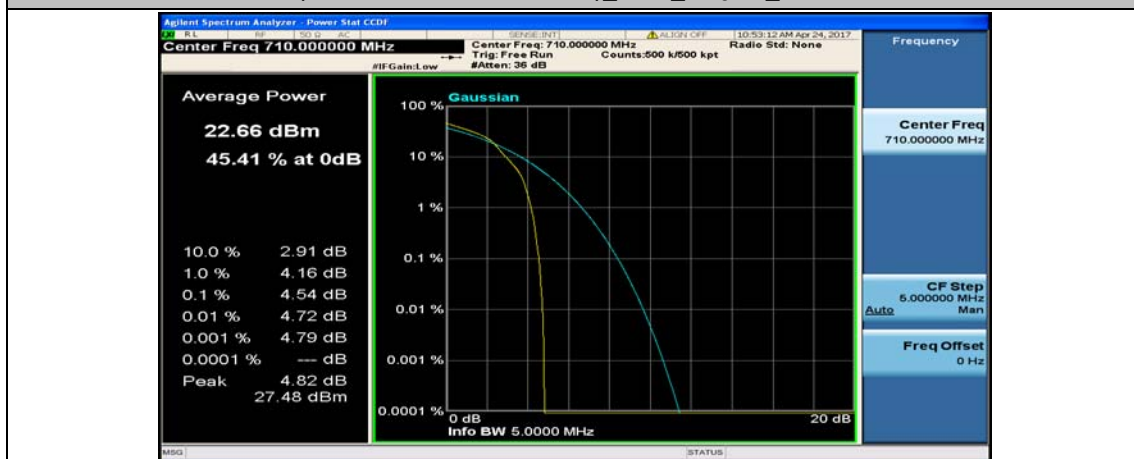
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



(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



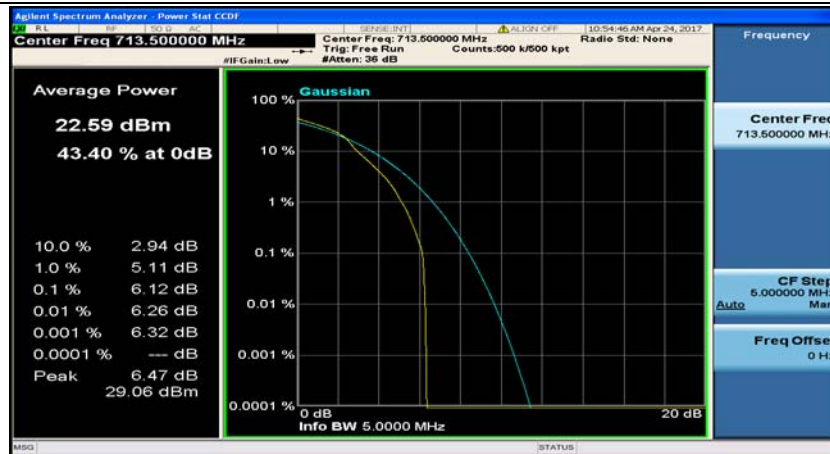
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



(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_LCH_QPSK_1RB#0



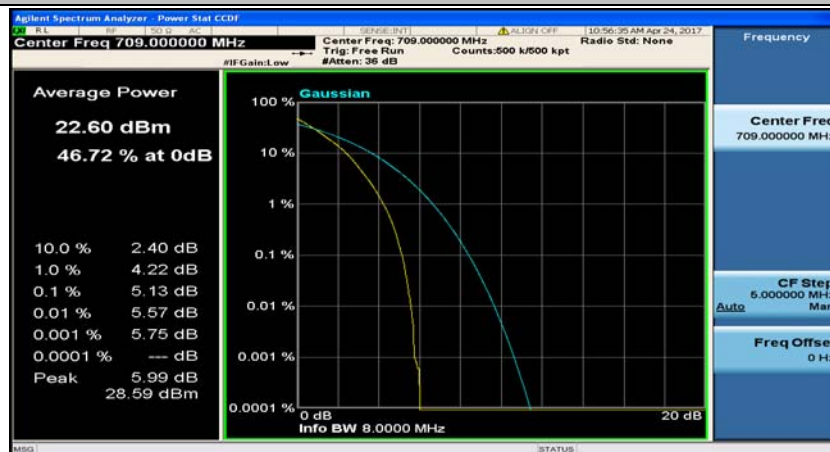
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24



Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49

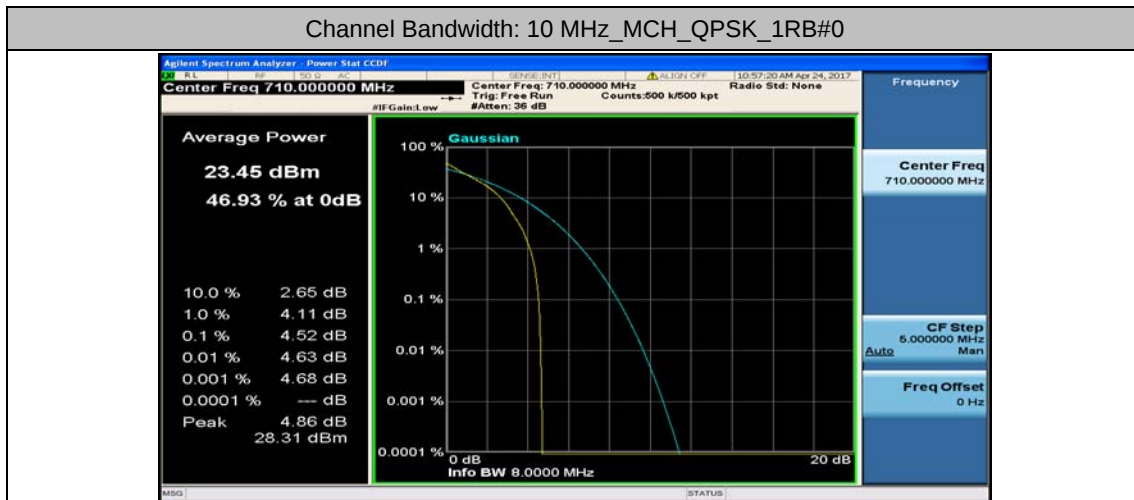


Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#0

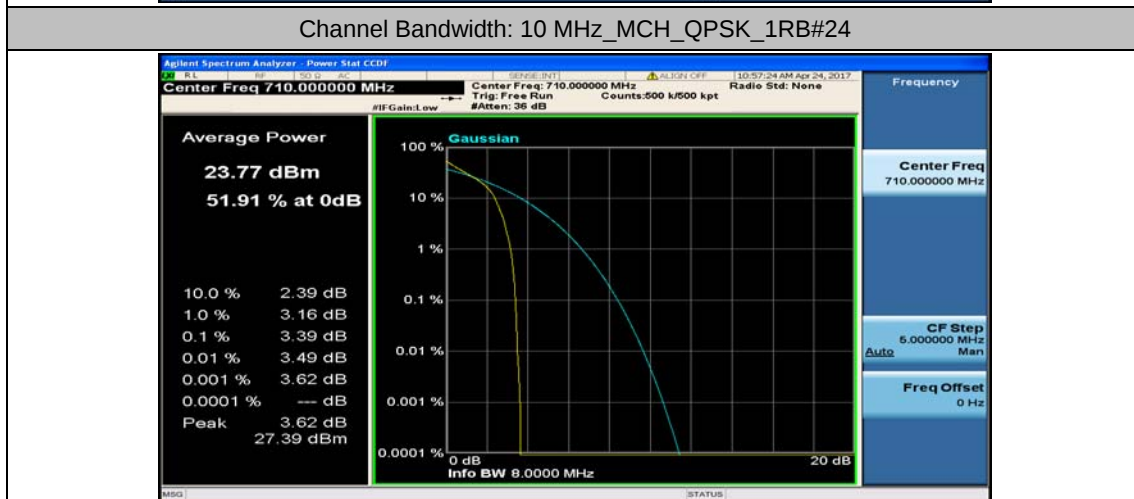




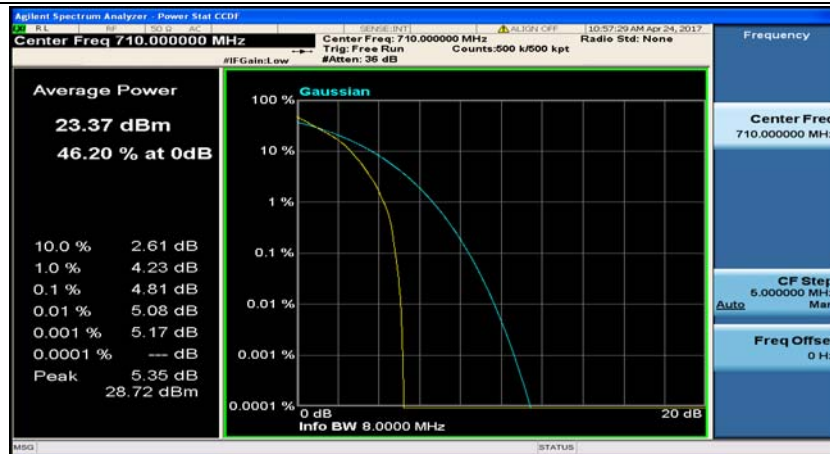
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49



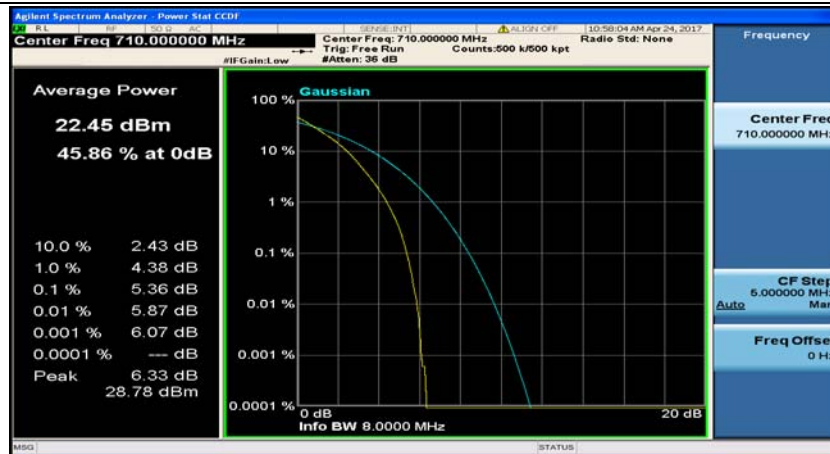
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12

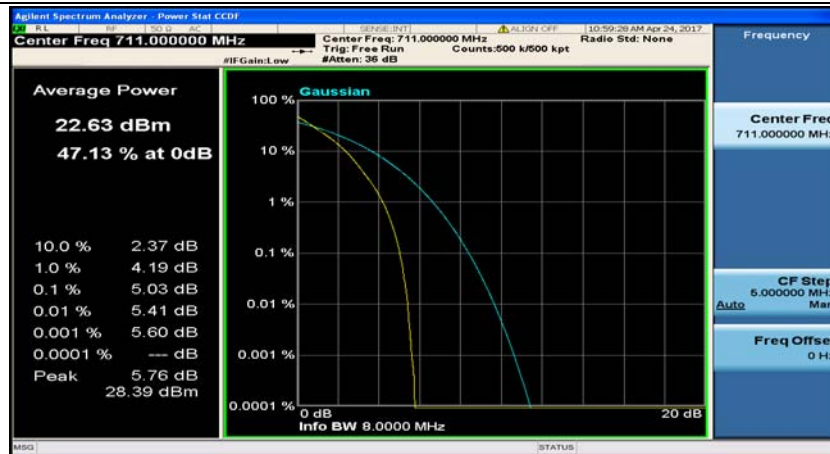


Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25



Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24





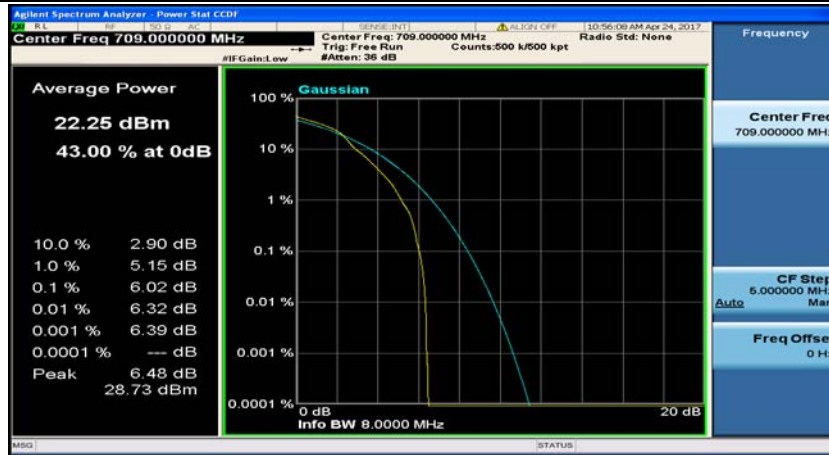
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25



Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



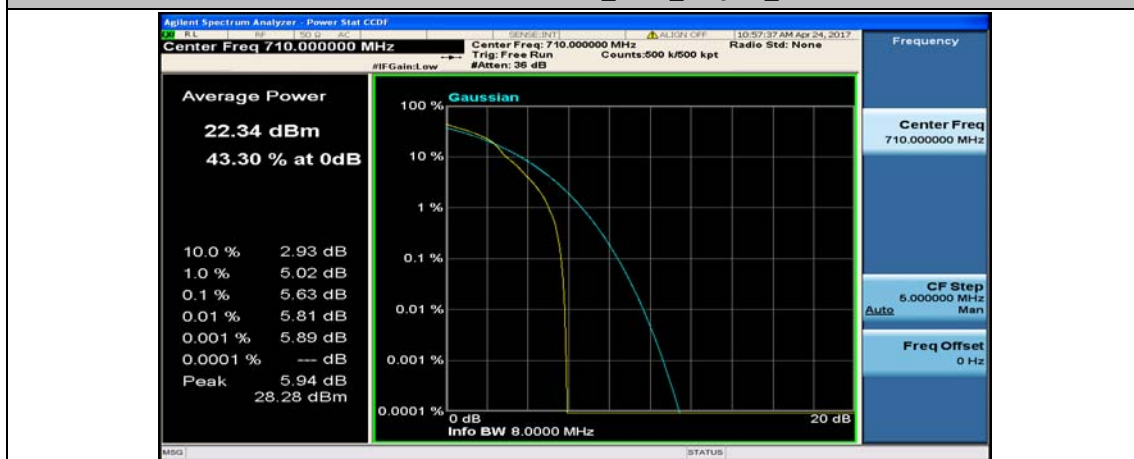
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



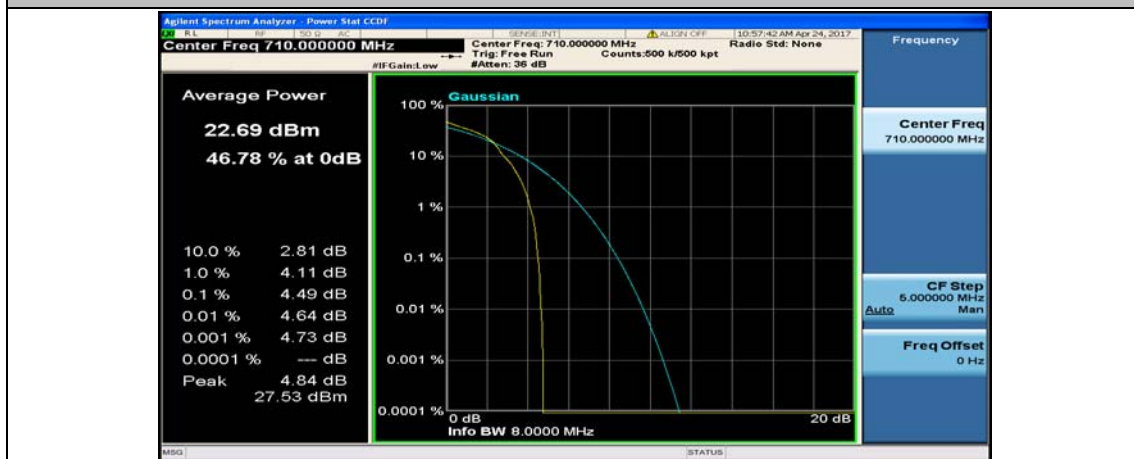




Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

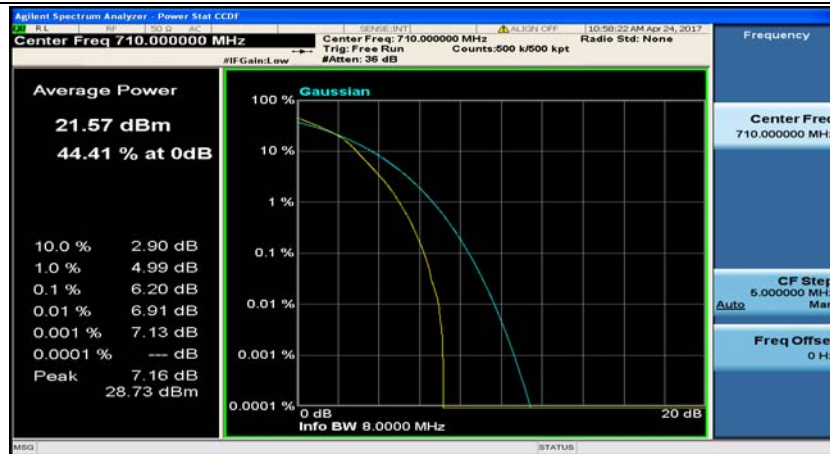


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49





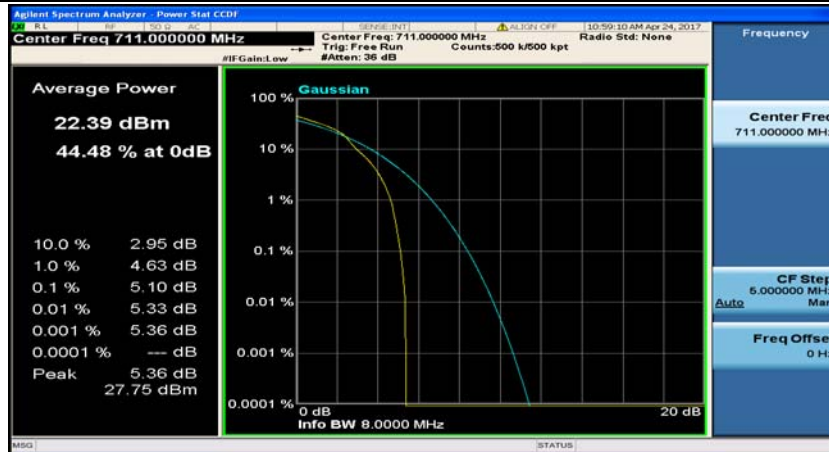
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0

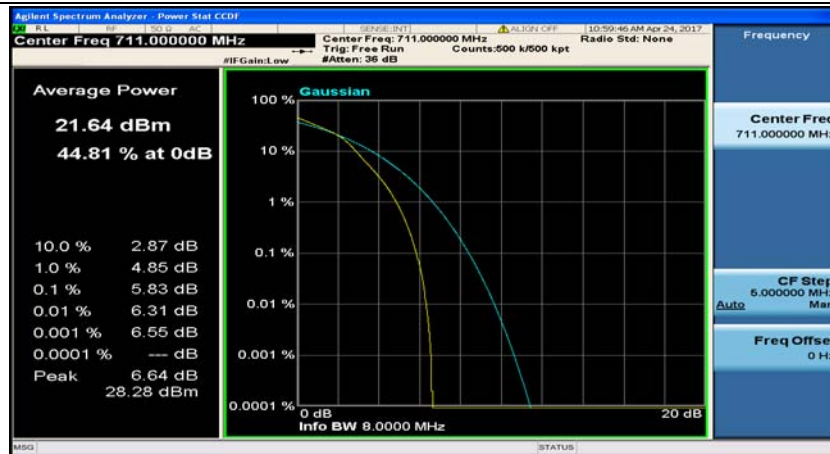


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24





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	4.4721	4.803	PASS
	MCH	25	0	4.4652	4.809	PASS
	HCH	25	0	4.4863	4.874	PASS
16QAM	LCH	25	0	4.4676	4.793	PASS
	MCH	25	0	4.4652	4.834	PASS
	HCH	25	0	4.4722	4.875	PASS

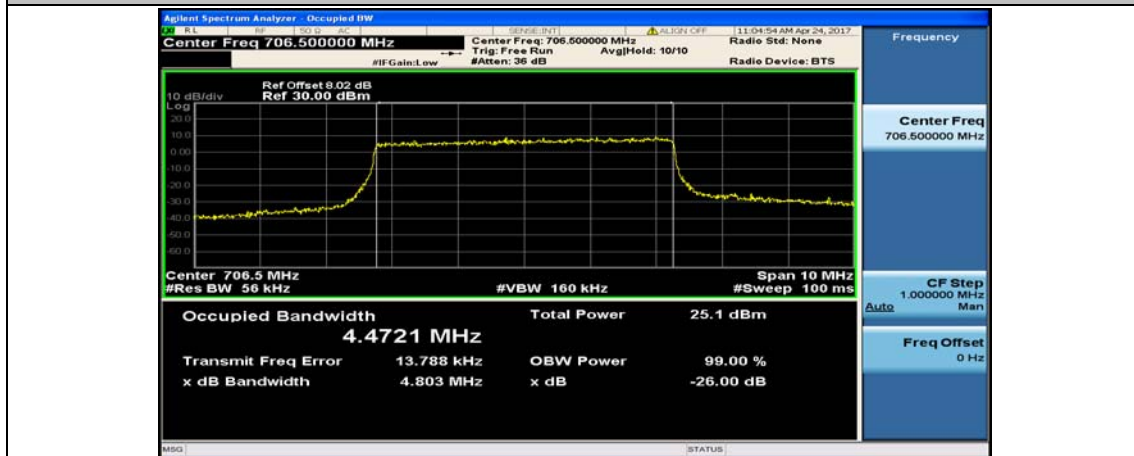
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9115	9.418	PASS
	MCH	50	0	8.8968	9.425	PASS
	HCH	50	0	8.8979	9.402	PASS
16QAM	LCH	50	0	8.8931	9.330	PASS
	MCH	50	0	8.8847	9.337	PASS
	HCH	50	0	8.9127	9.356	PASS

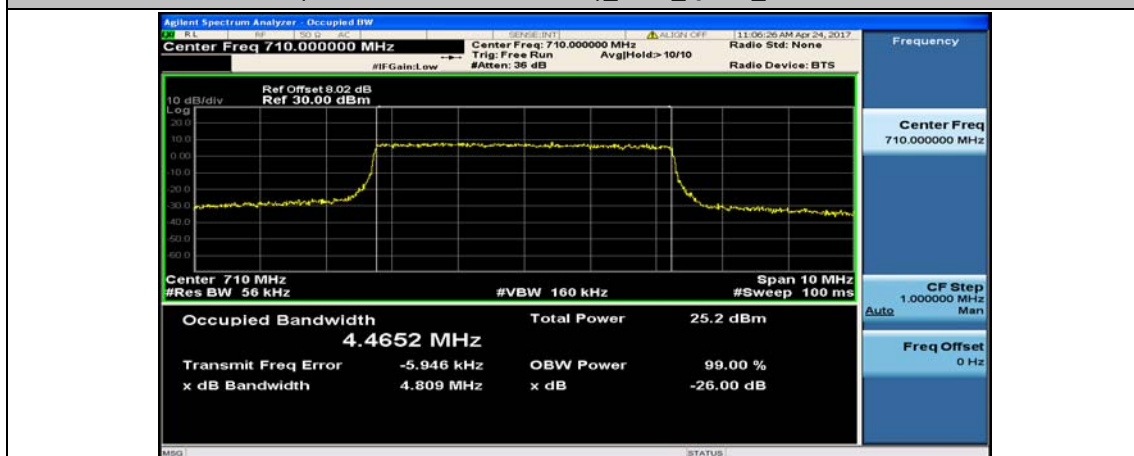
Test Graphs

Channel Bandwidth: 5 MHz

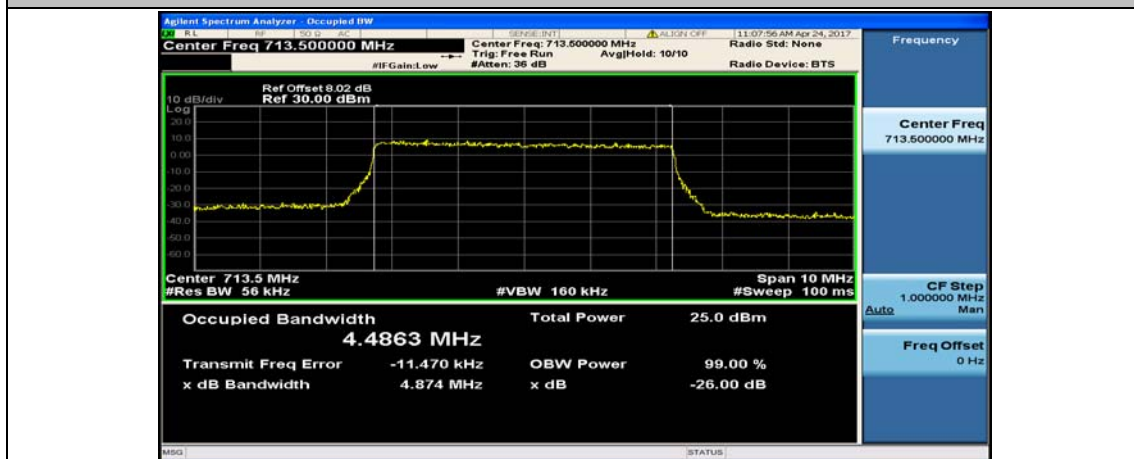
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



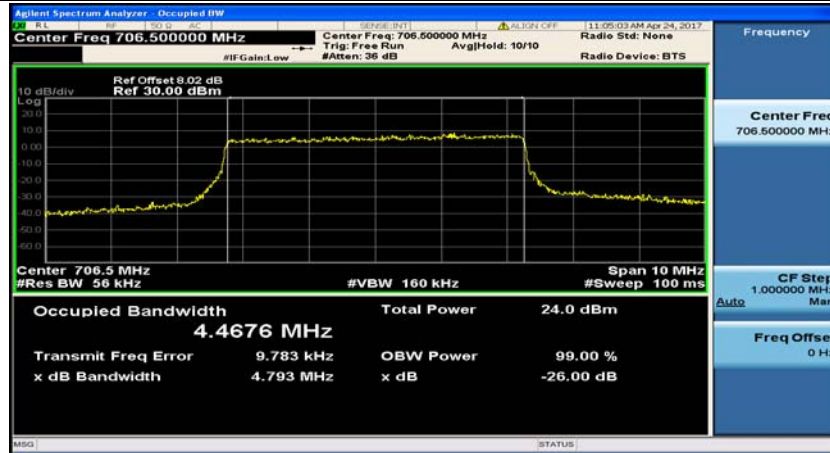
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



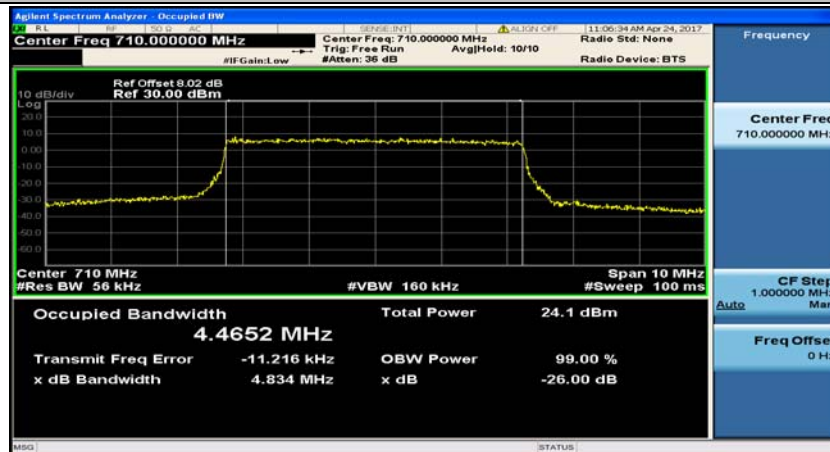
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



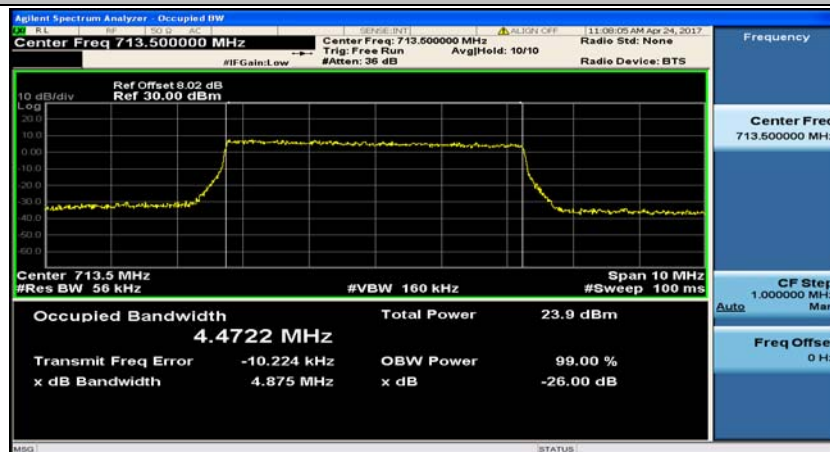
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

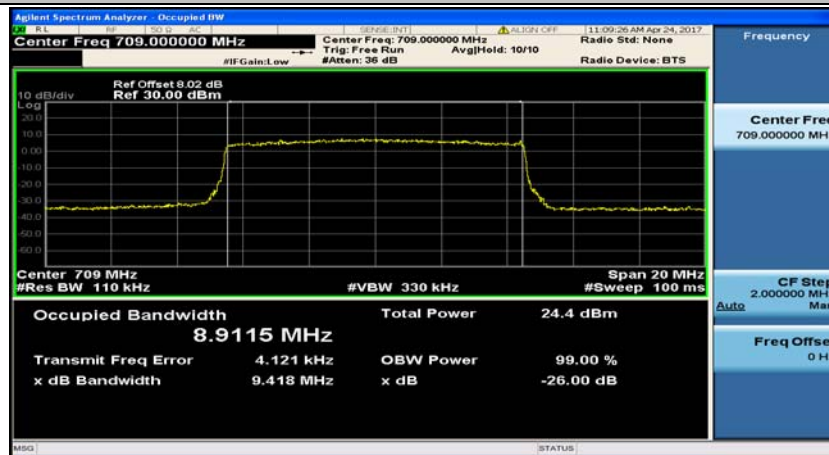


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

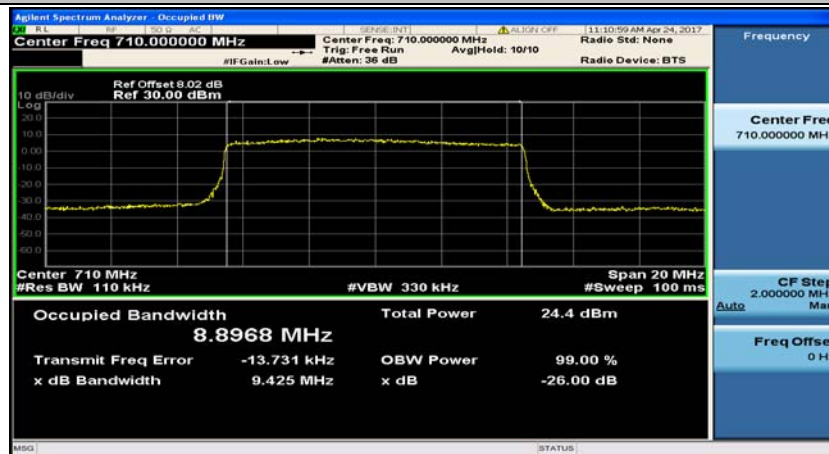


Channel Bandwidth: 10 MHz

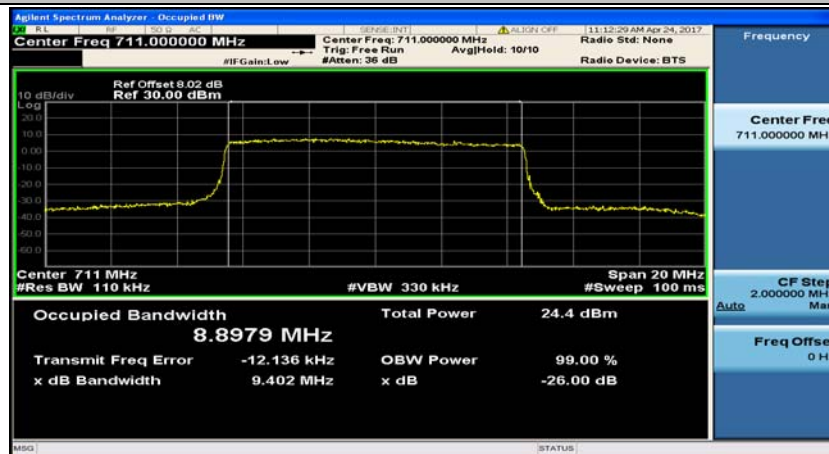
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



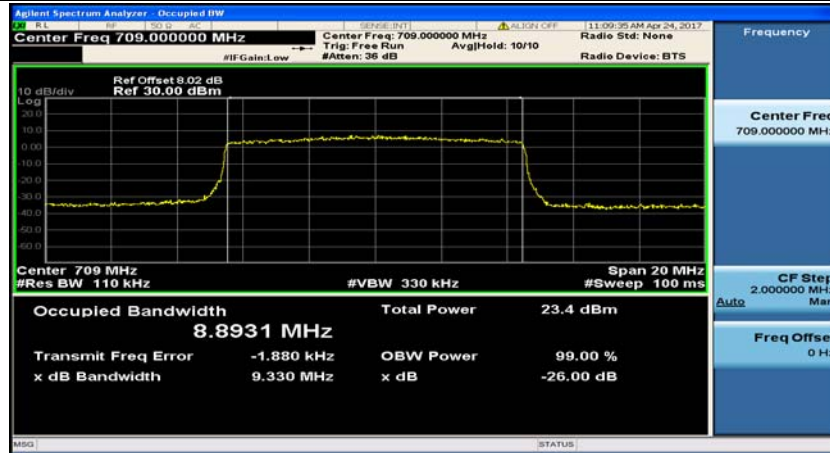
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



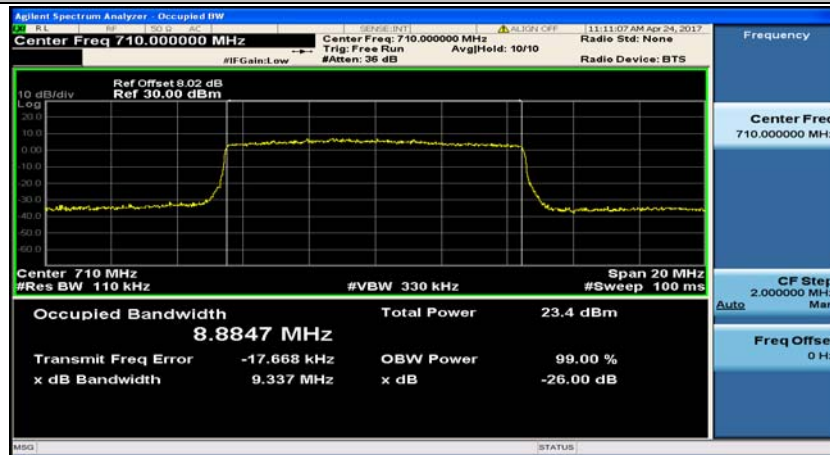
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



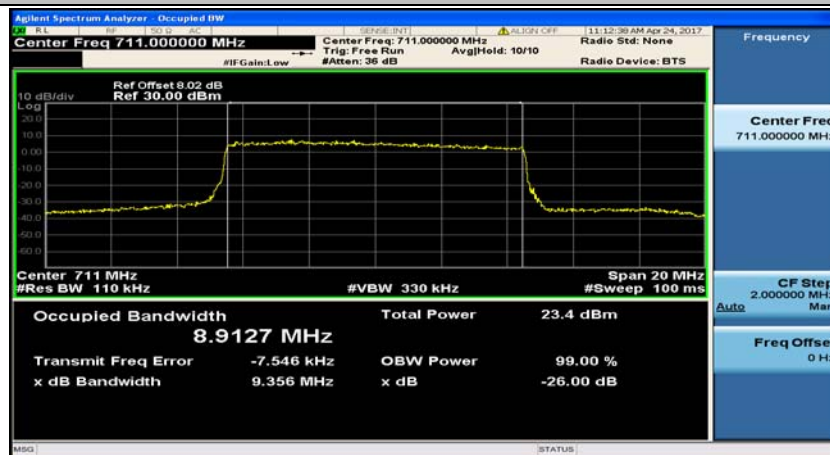
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

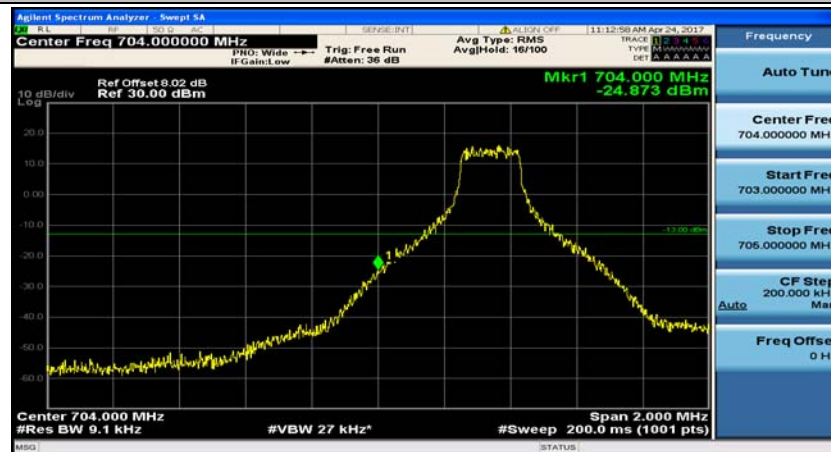


Appendix D: Band Edge

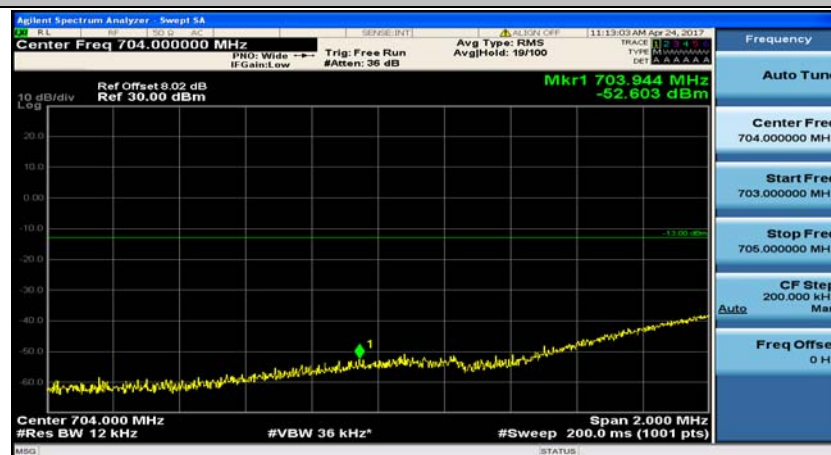
Test Graphs

Channel Bandwidth: 5 MHz

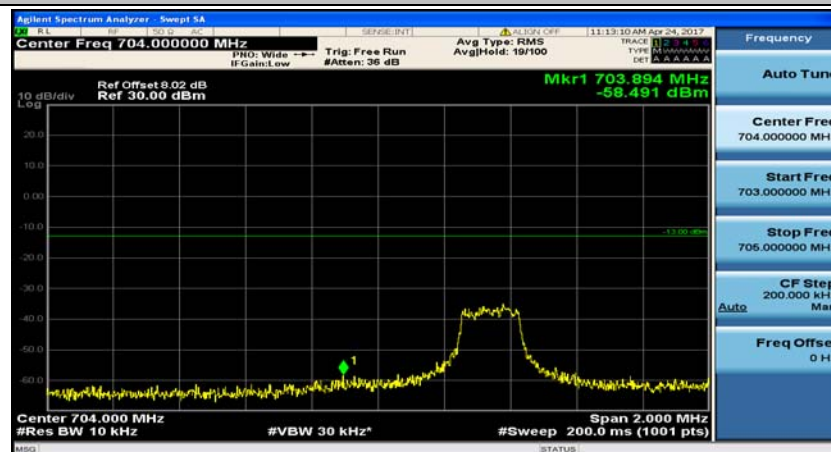
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(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



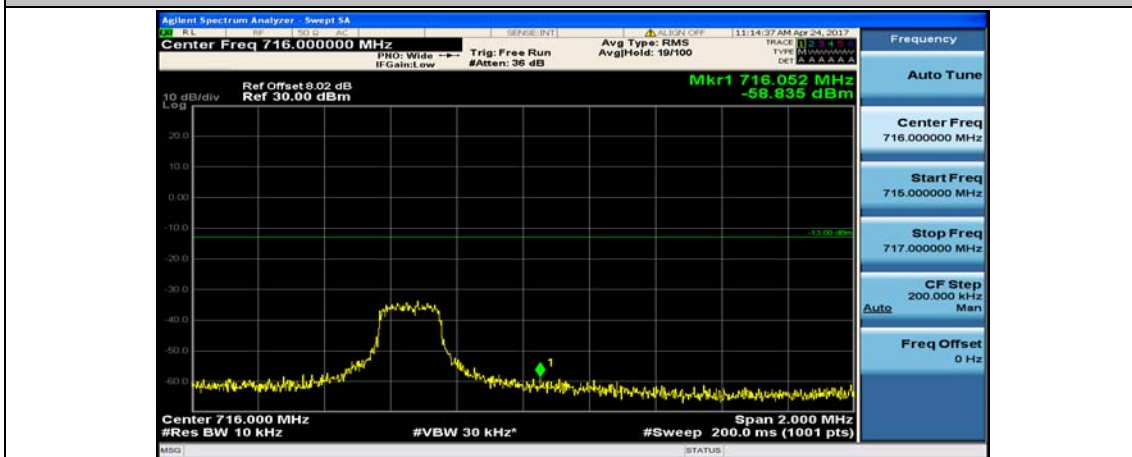
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



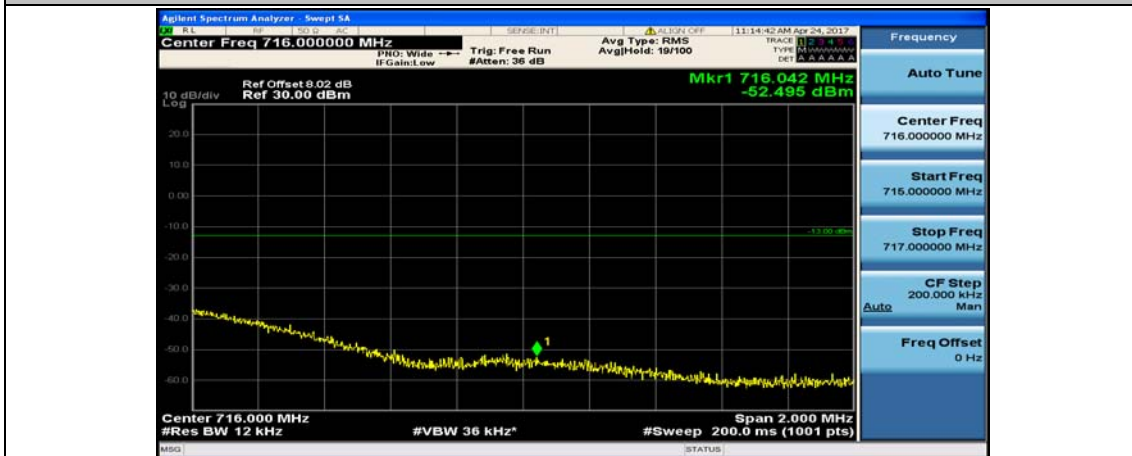
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



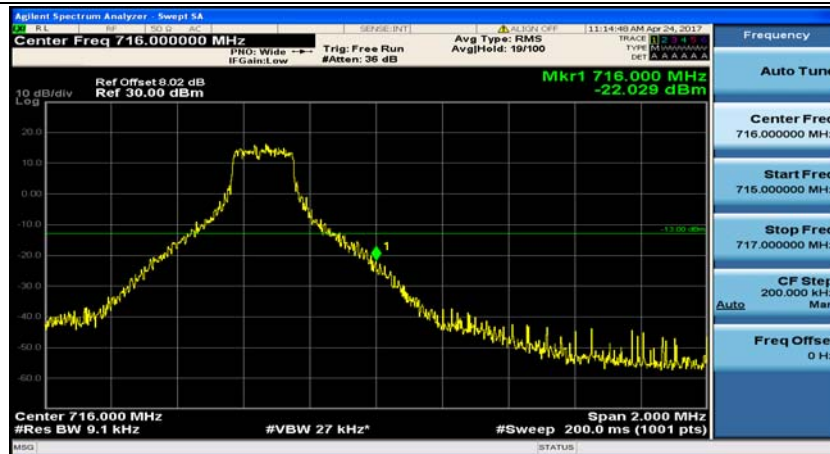
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(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



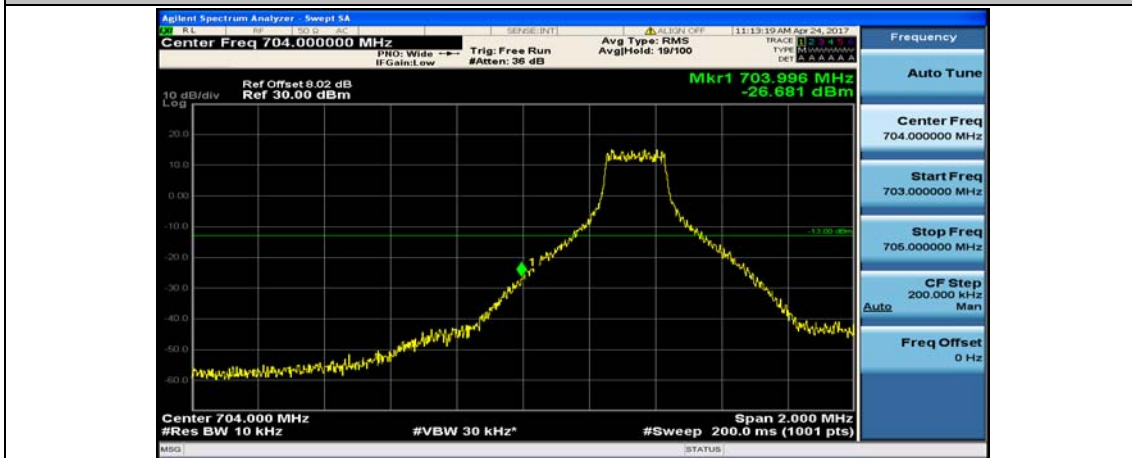
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



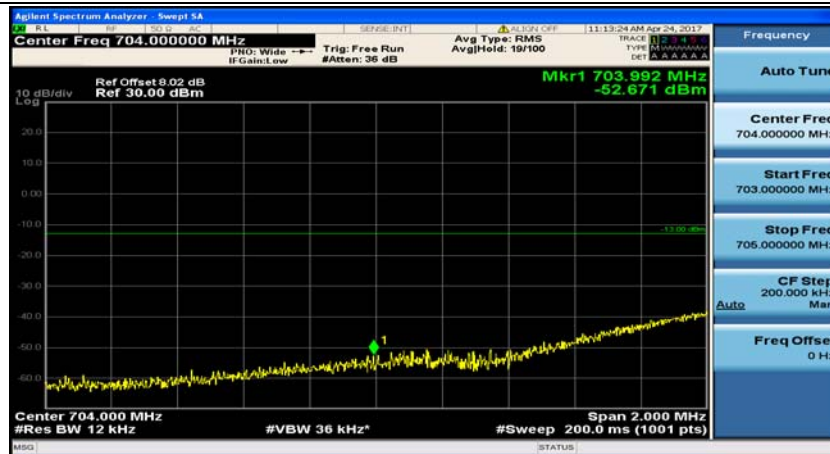
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



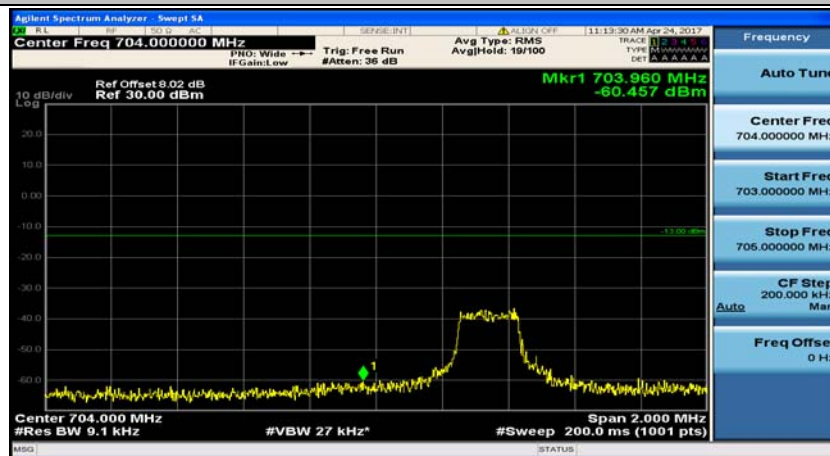
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



(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



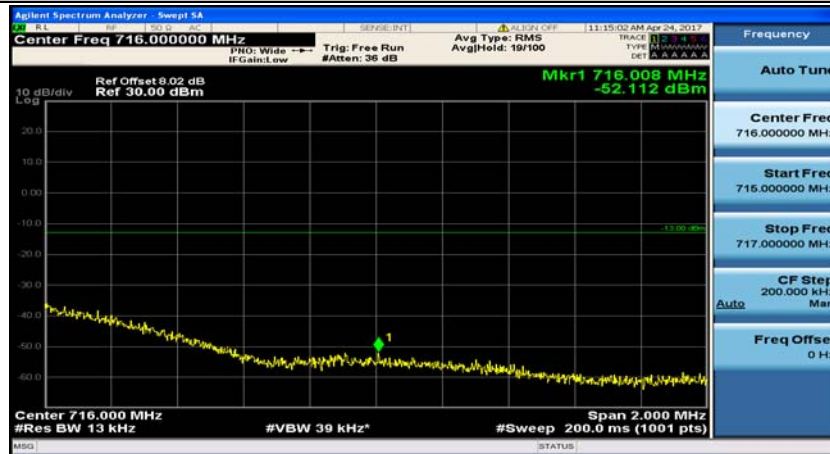
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



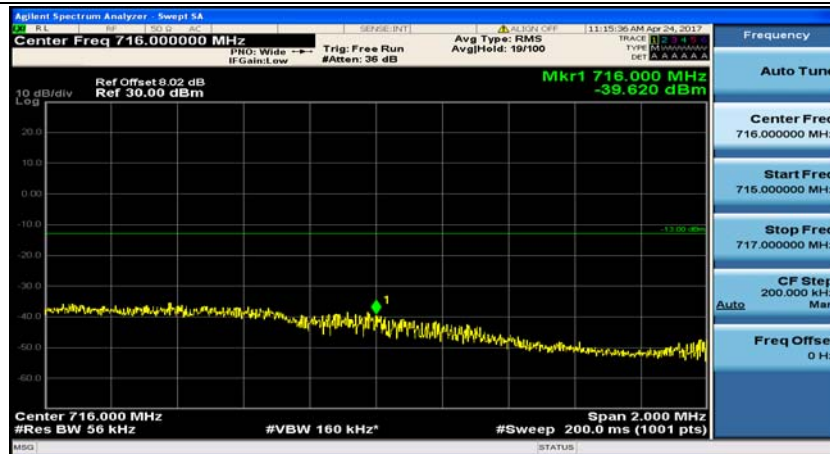
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



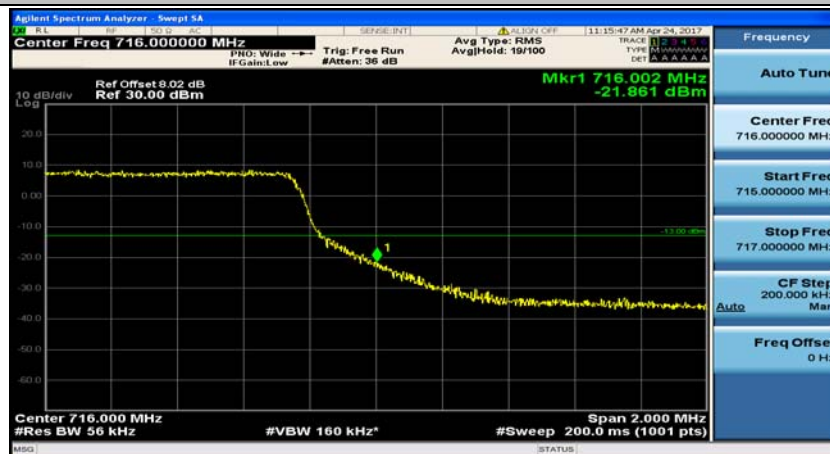
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



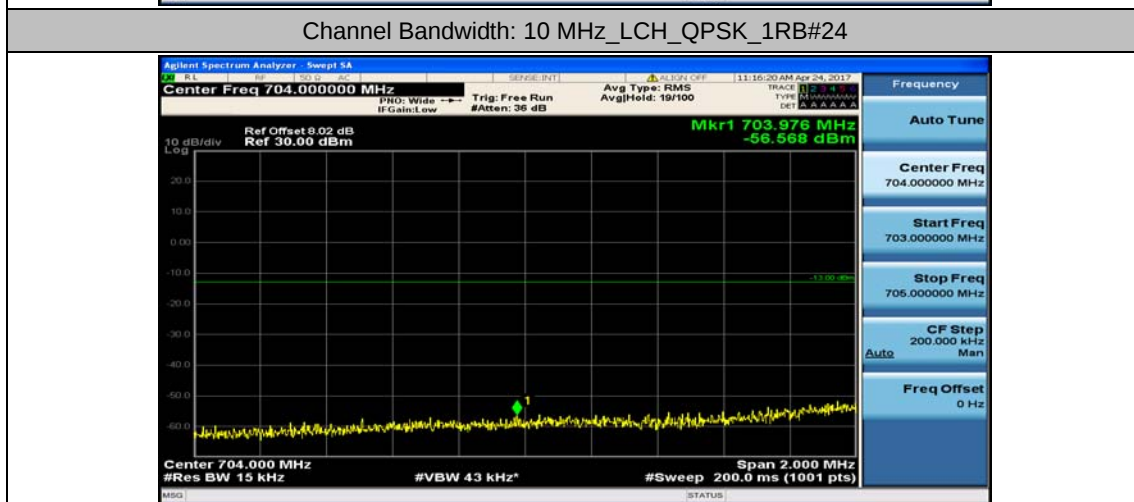
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

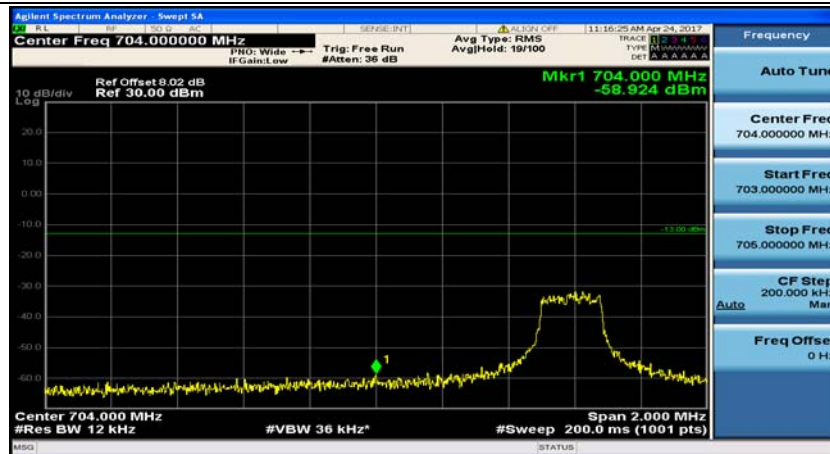


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz

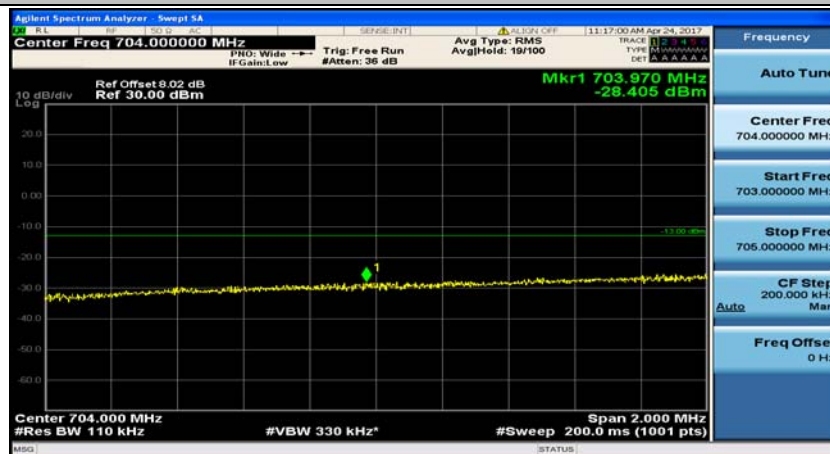




Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25