

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	23.11	PASS
		1	12	23.14	PASS
		1	24	23.09	PASS
		12	0	22.17	PASS
		12	6	22.16	PASS
		12	13	22.15	PASS
		25	0	22.17	PASS
	MCH	1	0	23.17	PASS
		1	12	23.21	PASS
		1	24	23.04	PASS
		12	0	22.16	PASS
		12	6	22.17	PASS
		12	13	22.13	PASS
		25	0	22.11	PASS
	HCH	1	0	23.15	PASS
		1	12	23.21	PASS
		1	24	23.16	PASS
		12	0	22.19	PASS
		12	6	22.18	PASS
		12	13	22.17	PASS
		25	0	22.16	PASS
16QAM	LCH	1	0	22.45	PASS
		1	12	22.41	PASS
		1	24	22.42	PASS
		12	0	21.28	PASS
		12	6	21.27	PASS
		12	13	21.24	PASS
		25	0	21.18	PASS
	MCH	1	0	22.48	PASS
		1	12	22.48	PASS
		1	24	22.31	PASS
		12	0	21.27	PASS

		12	6	21.27	PASS
		12	13	21.23	PASS
		25	0	21.12	PASS
	HCH	1	0	22.33	PASS
		1	12	22.42	PASS
		1	24	22.35	PASS
		12	0	21.18	PASS
		12	6	21.17	PASS
		12	13	21.20	PASS
		25	0	21.19	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.14	PASS
		1	24	23.12	PASS
		1	49	22.98	PASS
		25	0	22.24	PASS
		25	12	22.19	PASS
		25	25	22.09	PASS
		50	0	22.18	PASS
	MCH	1	0	23.17	PASS
		1	24	23.11	PASS
		1	49	23.03	PASS
		25	0	22.21	PASS
		25	12	22.16	PASS
		25	25	22.12	PASS
		50	0	22.18	PASS
	HCH	1	0	23.23	PASS
		1	24	23.12	PASS
		1	49	23.10	PASS
		25	0	22.28	PASS
		25	12	22.13	PASS
		25	25	22.13	PASS
		50	0	22.17	PASS
16QAM	LCH	1	0	22.41	PASS
		1	24	22.46	PASS
		1	49	22.29	PASS
		25	0	21.23	PASS
		25	12	21.18	PASS
		25	25	21.14	PASS
		50	0	21.20	PASS

	MCH	1	0	22.43	PASS
		1	24	22.42	PASS
		1	49	22.46	PASS
		25	0	21.23	PASS
		25	12	21.17	PASS
		25	25	21.18	PASS
		50	0	21.23	PASS
	HCH	1	0	22.50	PASS
		1	24	22.39	PASS
		1	49	22.36	PASS
		25	0	21.19	PASS
		25	12	21.12	PASS
		25	25	21.17	PASS
		50	0	21.21	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	5.27	<13	PASS
		1	12	5.22	<13	PASS
		1	24	5.01	<13	PASS
		12	0	6.15	<13	PASS
		12	6	6.21	<13	PASS
		12	13	5.88	<13	PASS
		25	0	6.33	<13	PASS
	MCH	1	0	4.93	<13	PASS
		1	12	4.42	<13	PASS
		1	24	4.26	<13	PASS
		12	0	5.77	<13	PASS
		12	6	5.57	<13	PASS
		12	13	5.39	<13	PASS
		25	0	5.68	<13	PASS
	HCH	1	0	4.39	<13	PASS
		1	12	4.63	<13	PASS
		1	24	5.03	<13	PASS
		12	0	5.45	<13	PASS
		12	6	5.57	<13	PASS
		12	13	5.84	<13	PASS
		25	0	5.78	<13	PASS
16QAM	LCH	1	0	5.71	<13	PASS
		1	12	6.18	<13	PASS
		1	24	5.82	<13	PASS
		12	0	7.11	<13	PASS
		12	6	6.9	<13	PASS
		12	13	6.78	<13	PASS
		25	0	6.96	<13	PASS
	MCH	1	0	5.87	<13	PASS
		1	12	5.28	<13	PASS
		1	24	5.54	<13	PASS
		12	0	6.54	<13	PASS

		12	6	6.34	<13	PASS
		12	13	6.23	<13	PASS
		25	0	6.41	<13	PASS
	HCH	1	0	5.29	<13	PASS
		1	12	5.27	<13	PASS
		1	24	5.54	<13	PASS
		12	0	6.19	<13	PASS
		12	6	6.43	<13	PASS
		12	13	6.67	<13	PASS
		25	0	6.42	<13	PASS

Channel Bandwidth: 10 MHz

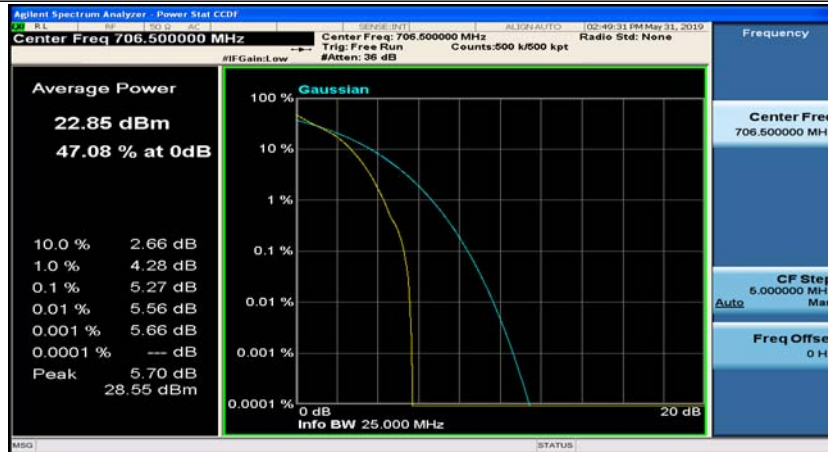
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	5.04	<13	PASS
		1	24	4.89	<13	PASS
		1	49	4.46	<13	PASS
		25	0	6.28	<13	PASS
		25	12	5.8	<13	PASS
		25	25	5.4	<13	PASS
		50	0	5.67	<13	PASS
	MCH	1	0	5.08	<13	PASS
		1	24	4.52	<13	PASS
		1	49	4.58	<13	PASS
		25	0	6.04	<13	PASS
		25	12	5.6	<13	PASS
		25	25	5.51	<13	PASS
		50	0	5.64	<13	PASS
	HCH	1	0	5.47	<13	PASS
		1	24	4.35	<13	PASS
		1	49	4.67	<13	PASS
		25	0	5.66	<13	PASS
		25	12	5.43	<13	PASS
		25	25	5.59	<13	PASS
		50	0	5.72	<13	PASS
16QAM	LCH	1	0	5.76	<13	PASS
		1	24	5.72	<13	PASS
		1	49	5.13	<13	PASS
		25	0	6.93	<13	PASS
		25	12	6.57	<13	PASS

		25	25	6.13	<13	PASS
		50	0	6.44	<13	PASS
	MCH	1	0	5.73	<13	PASS
		1	24	5.29	<13	PASS
		1	49	5.27	<13	PASS
		25	0	6.89	<13	PASS
		25	12	6.43	<13	PASS
		25	25	6.35	<13	PASS
		50	0	6.46	<13	PASS
		HCH	1	0	5.91	<13
	1		24	5.25	<13	PASS
	1		49	5.29	<13	PASS
	25		0	6.59	<13	PASS
	25		12	6.27	<13	PASS
	25		25	6.36	<13	PASS
	50		0	6.51	<13	PASS

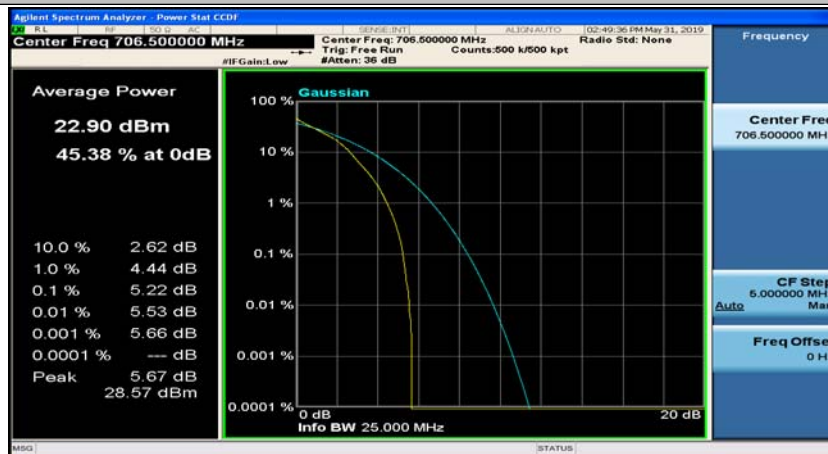
Test Graphs

Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



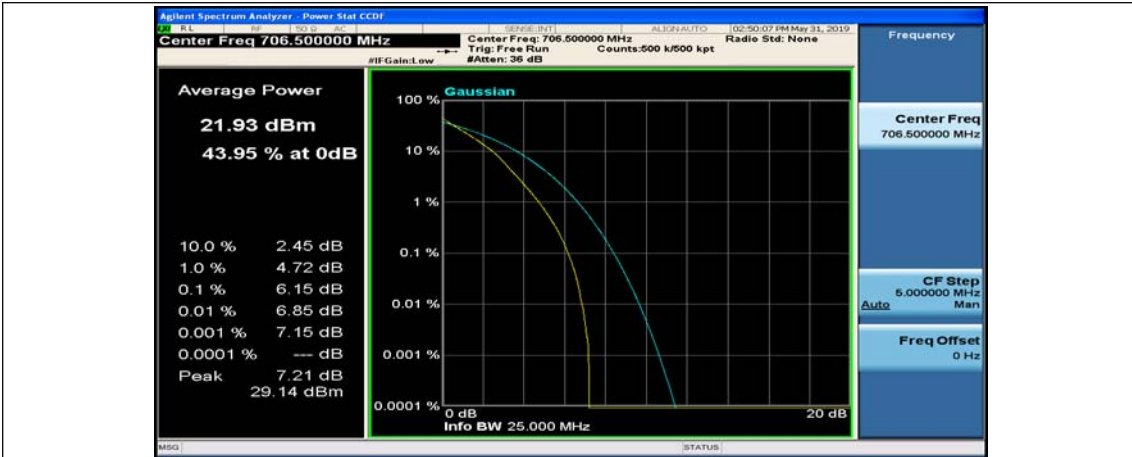
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



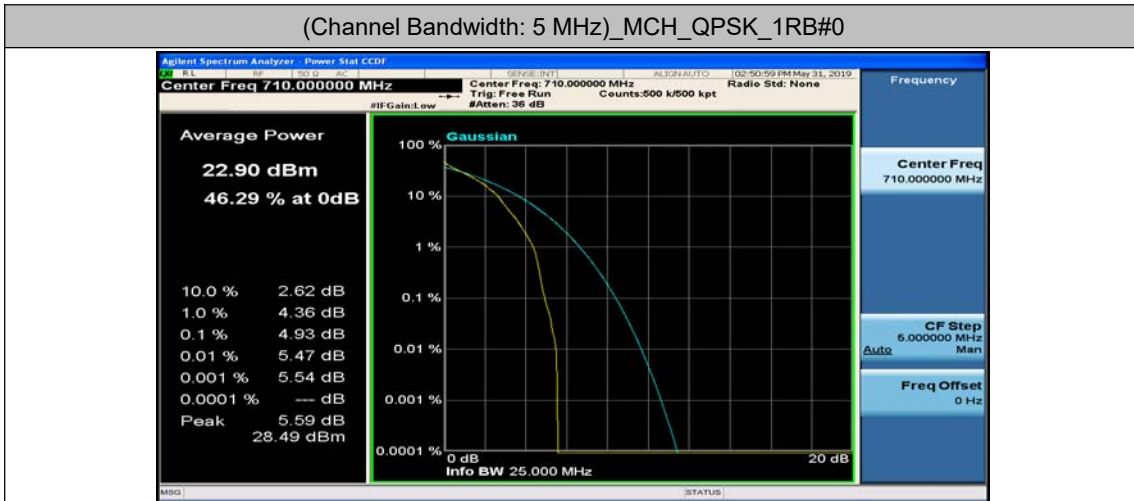
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



(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



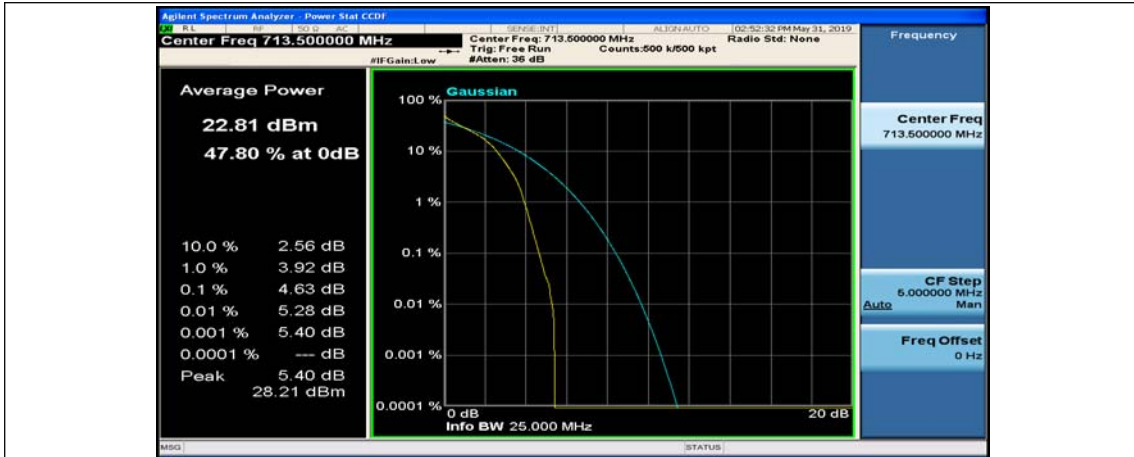
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



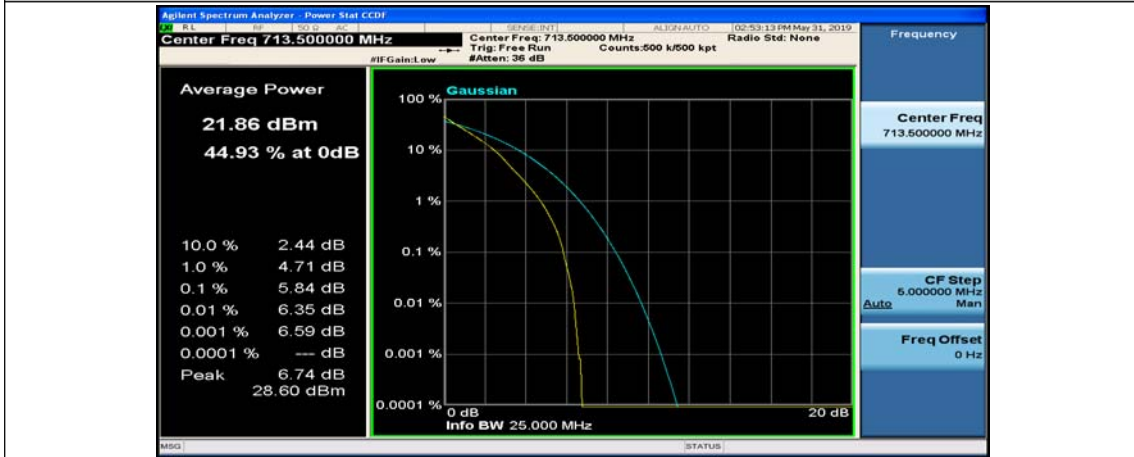
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



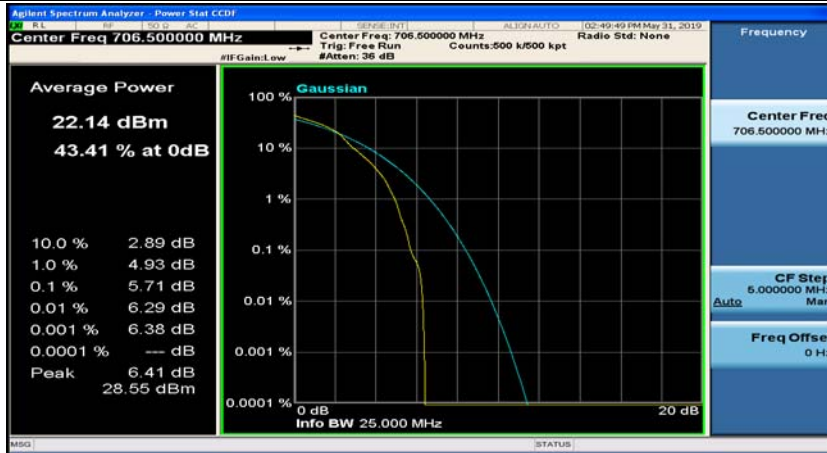
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



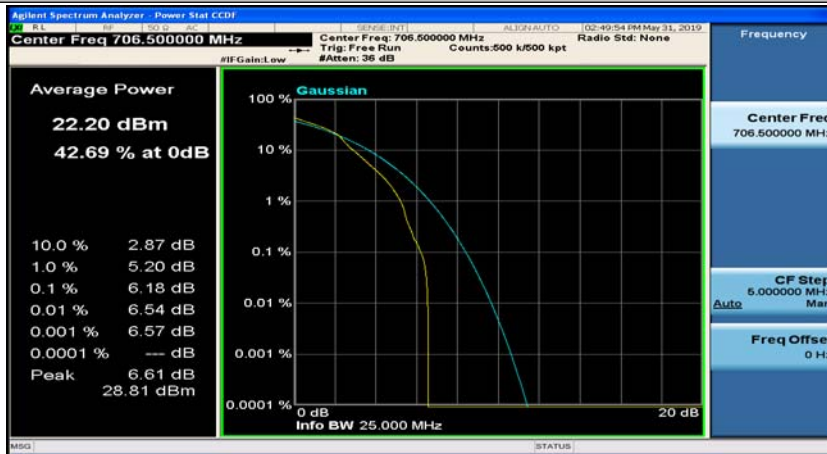
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



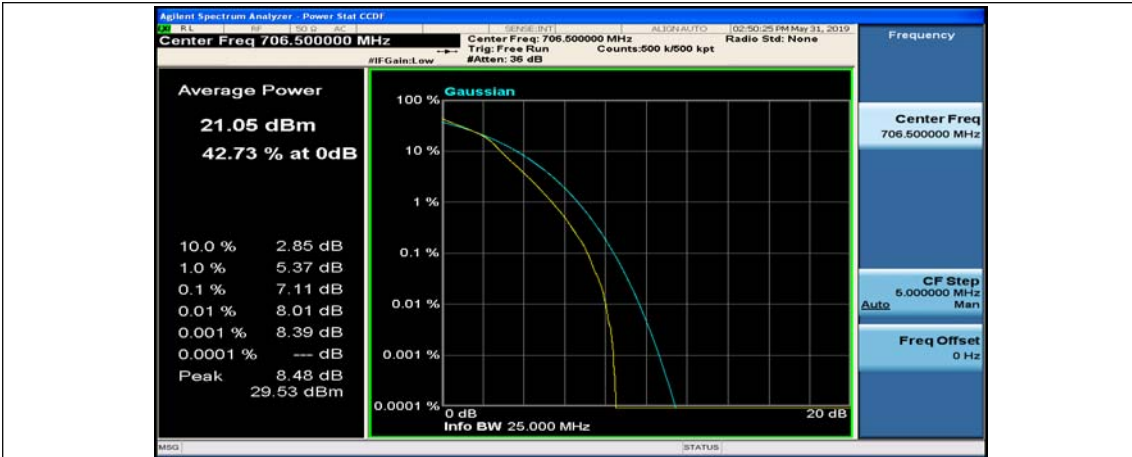
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



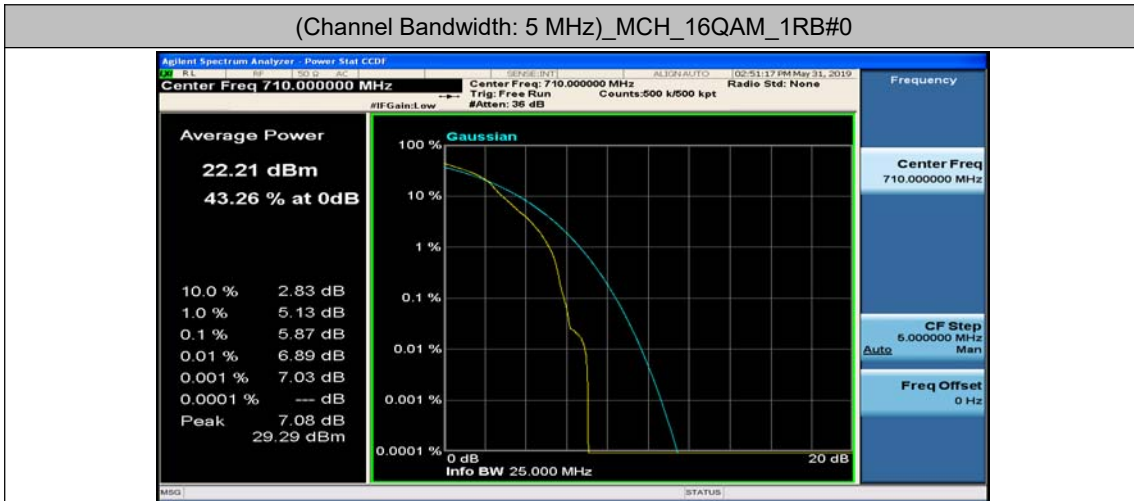
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



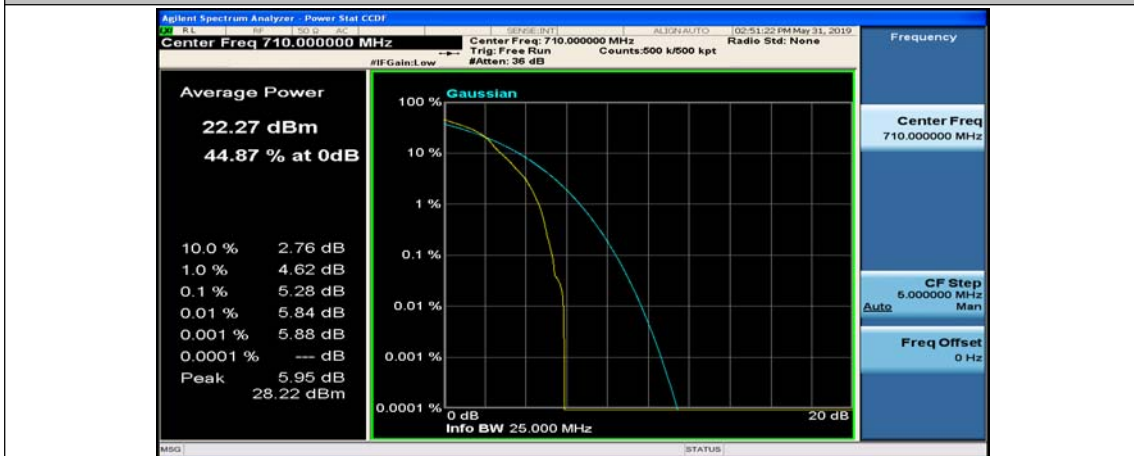
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



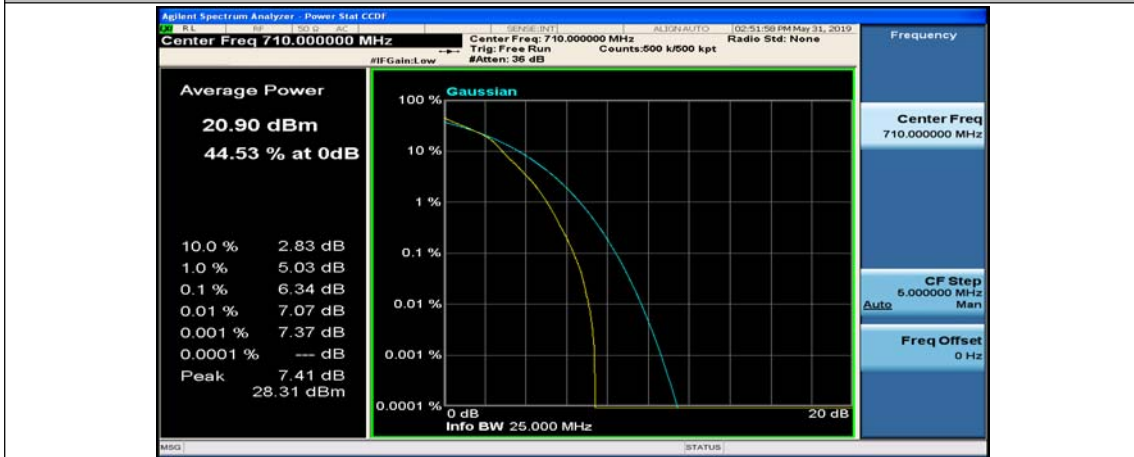
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



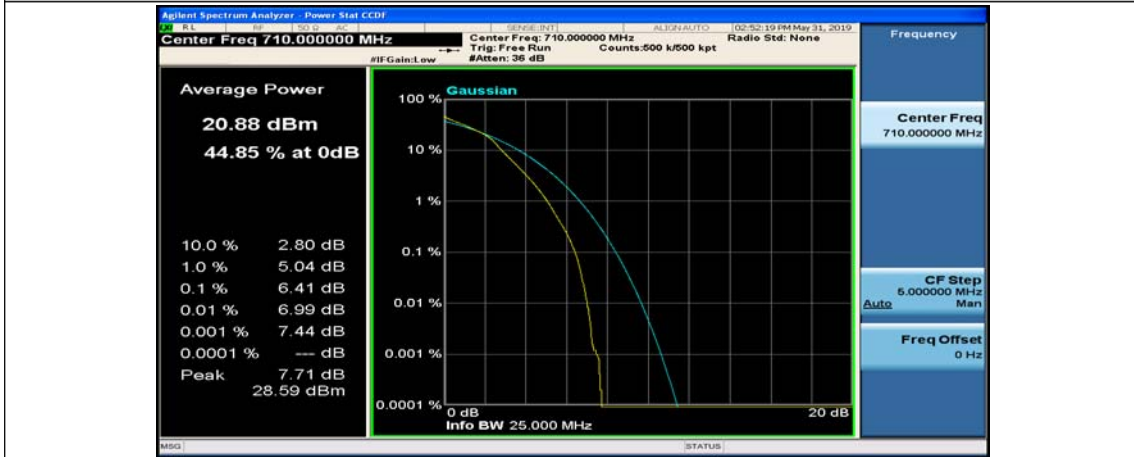
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



(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



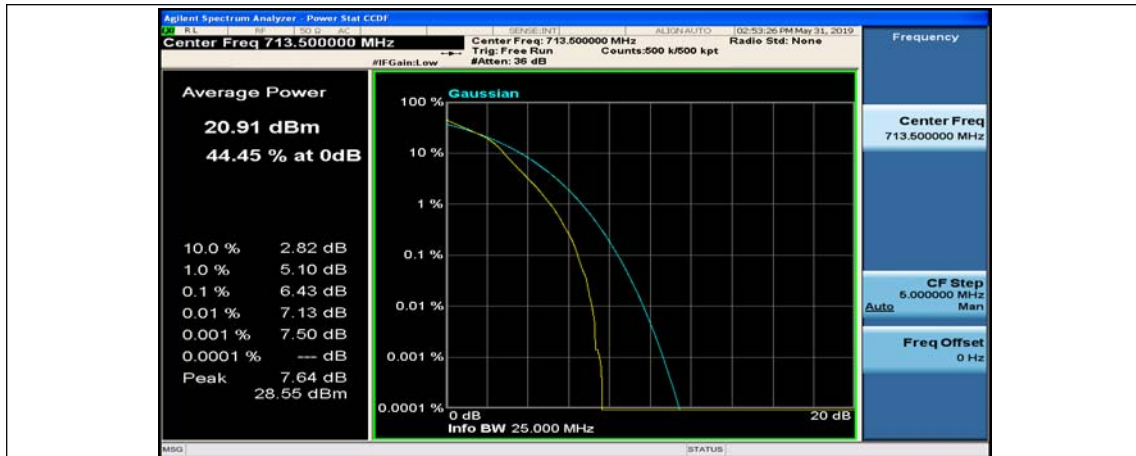
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



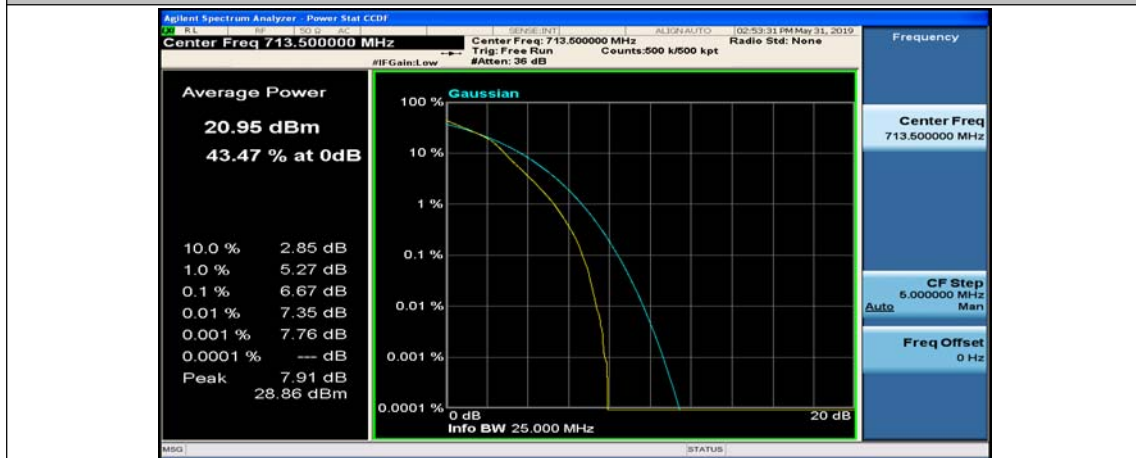
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



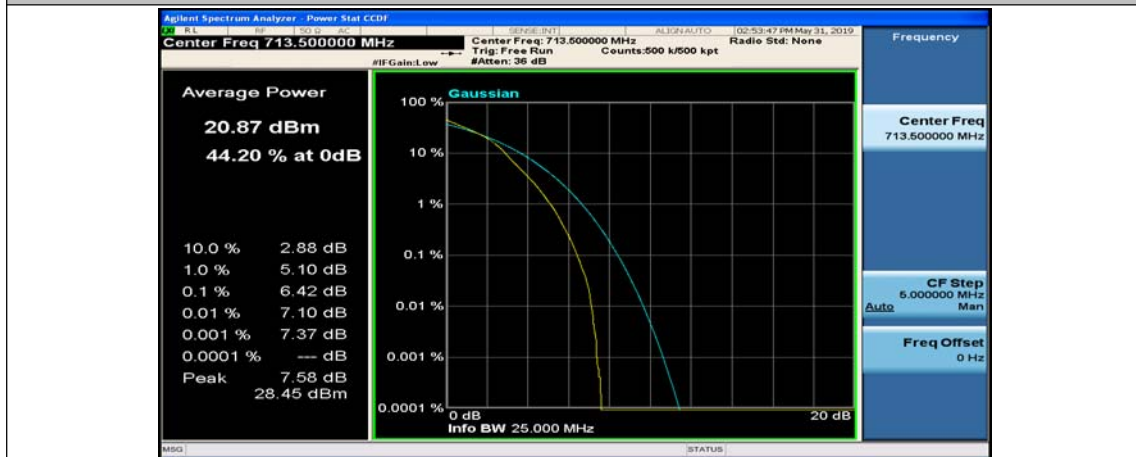
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6

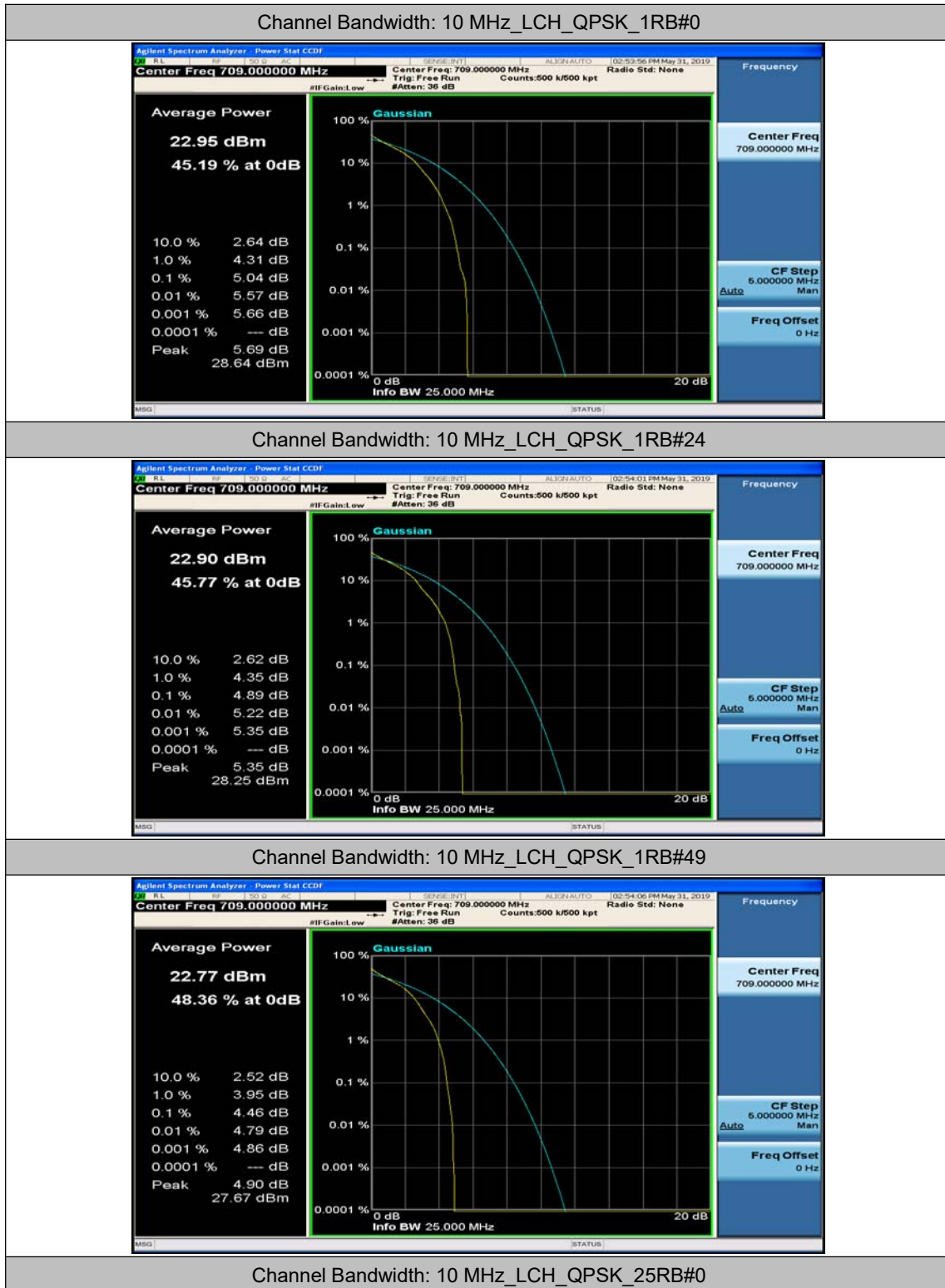


(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

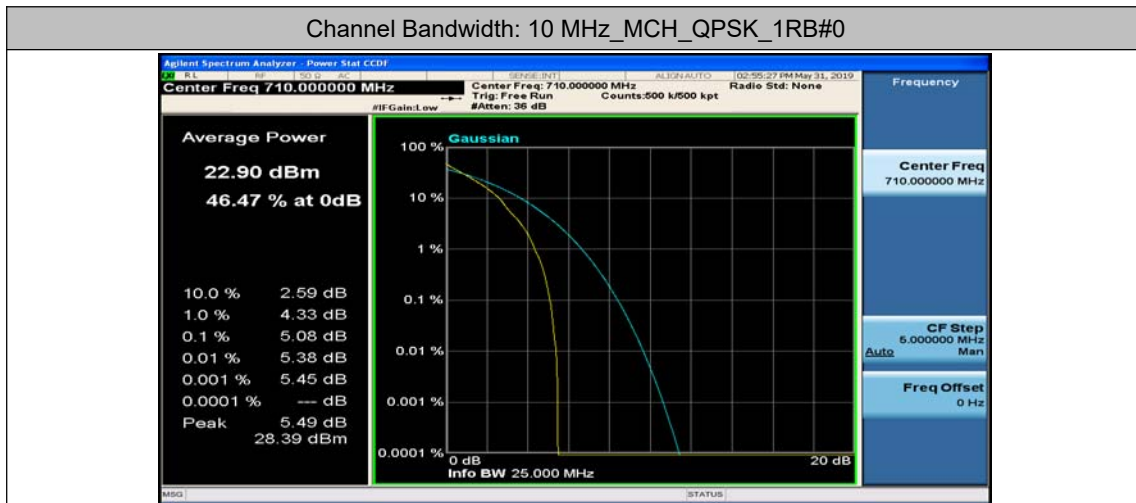


Channel Bandwidth: 10 MHz


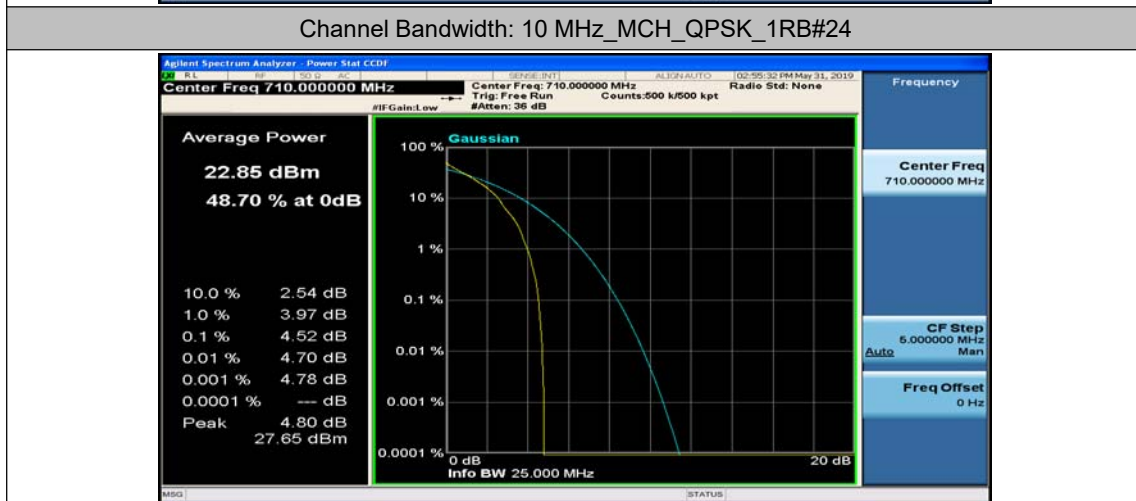




Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49





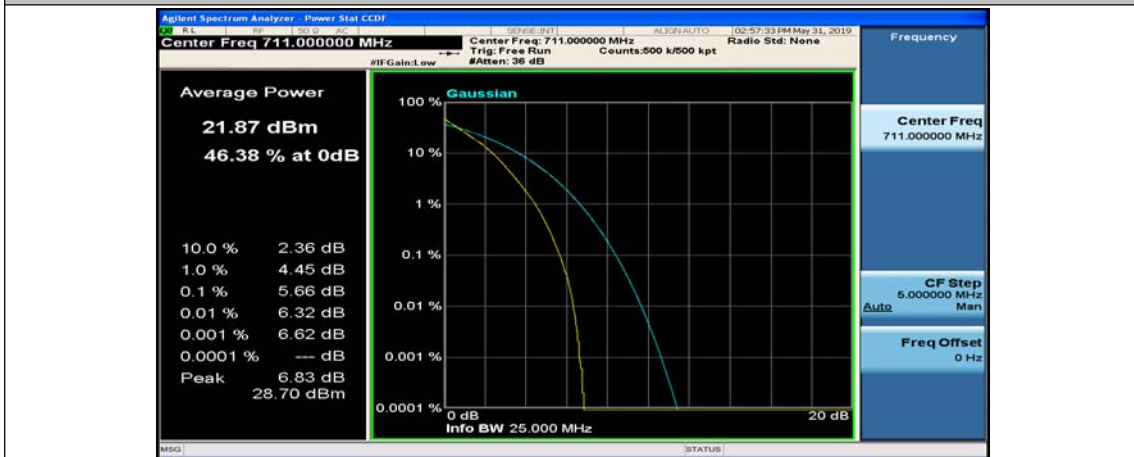
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0

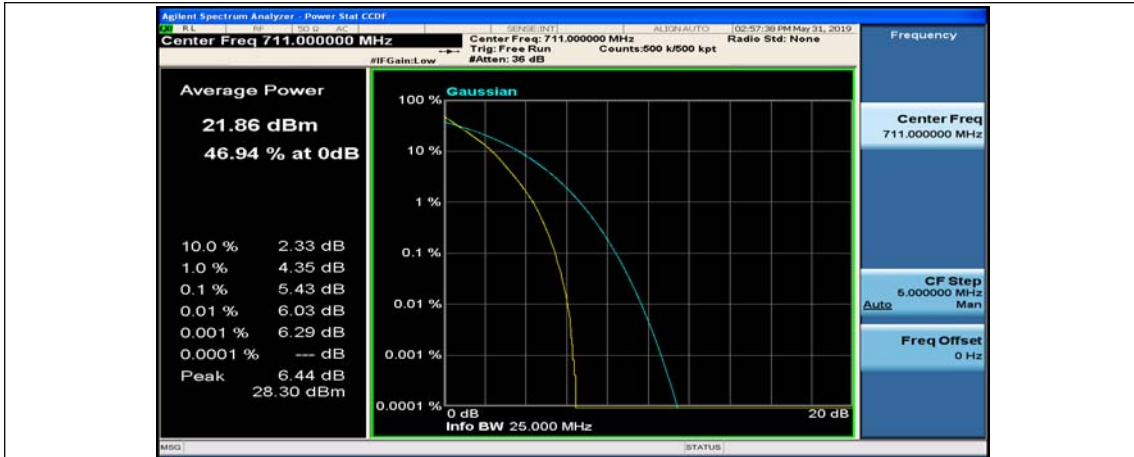


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

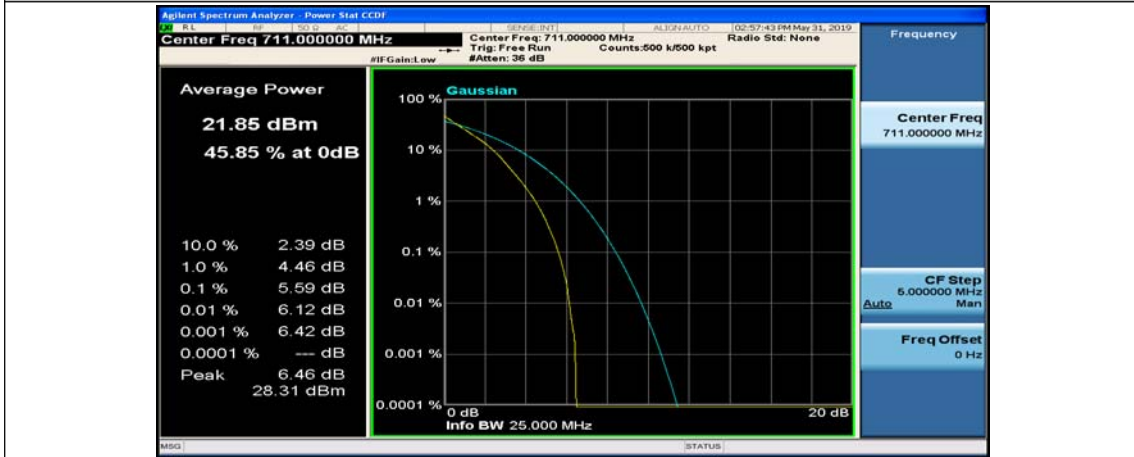


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24





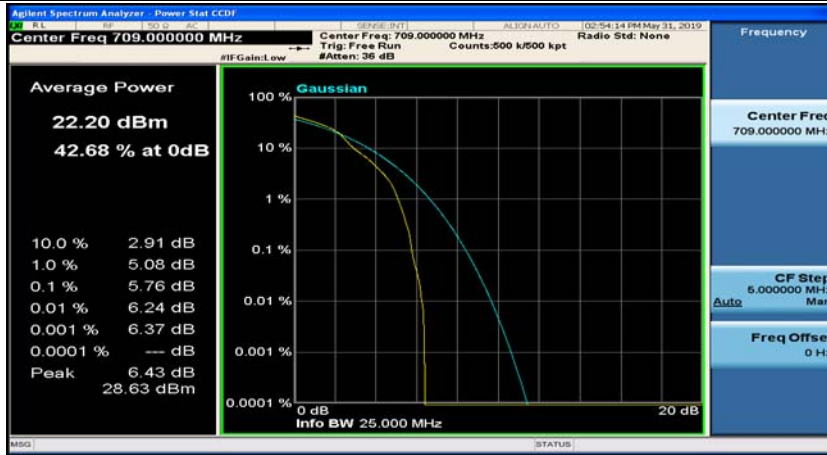
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25



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

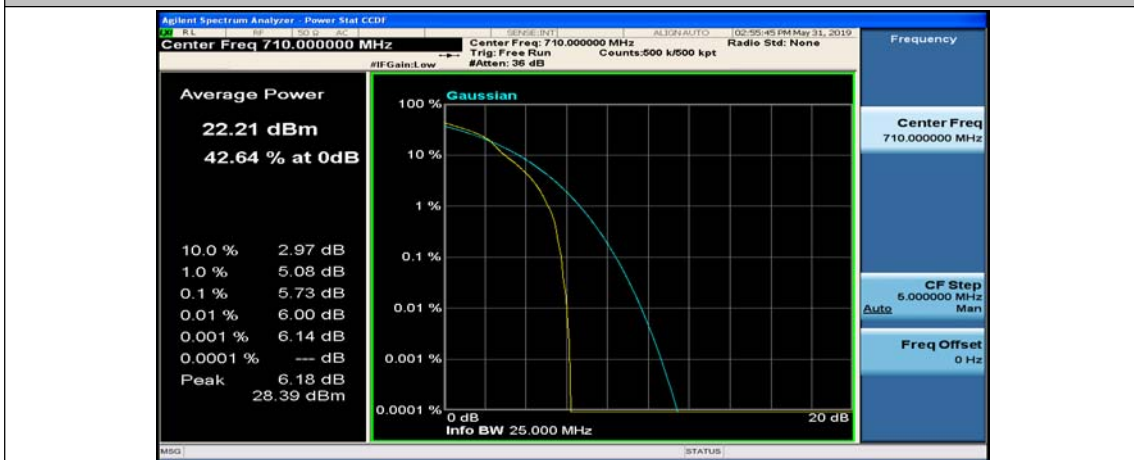


Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0

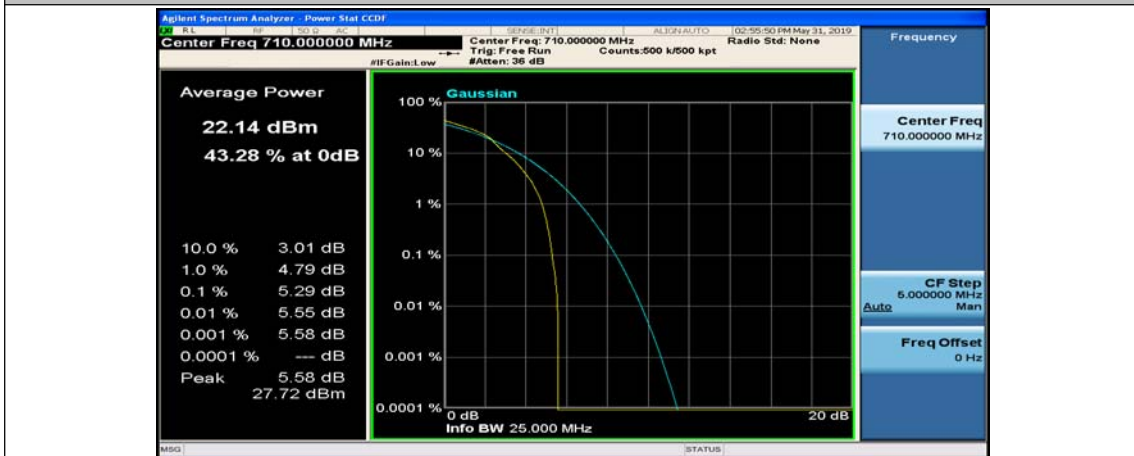




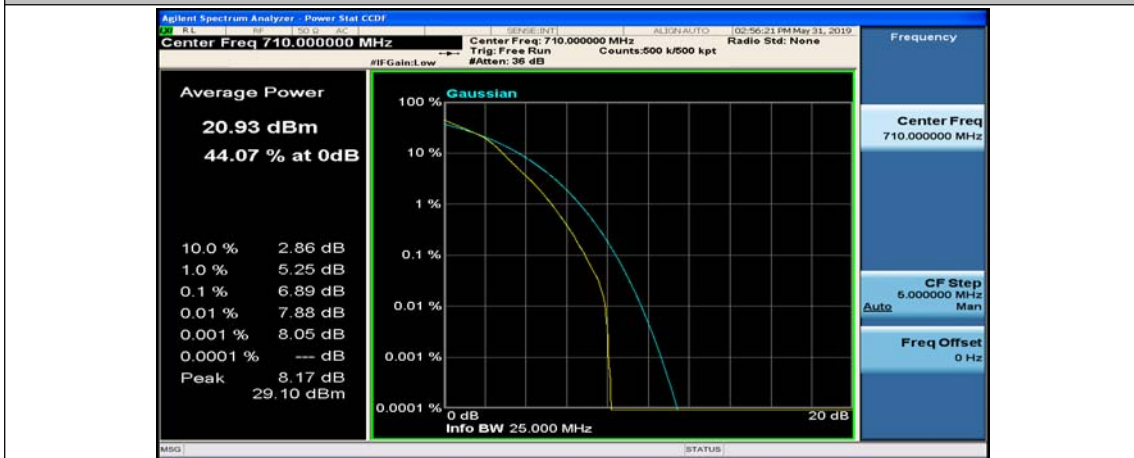
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49





Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



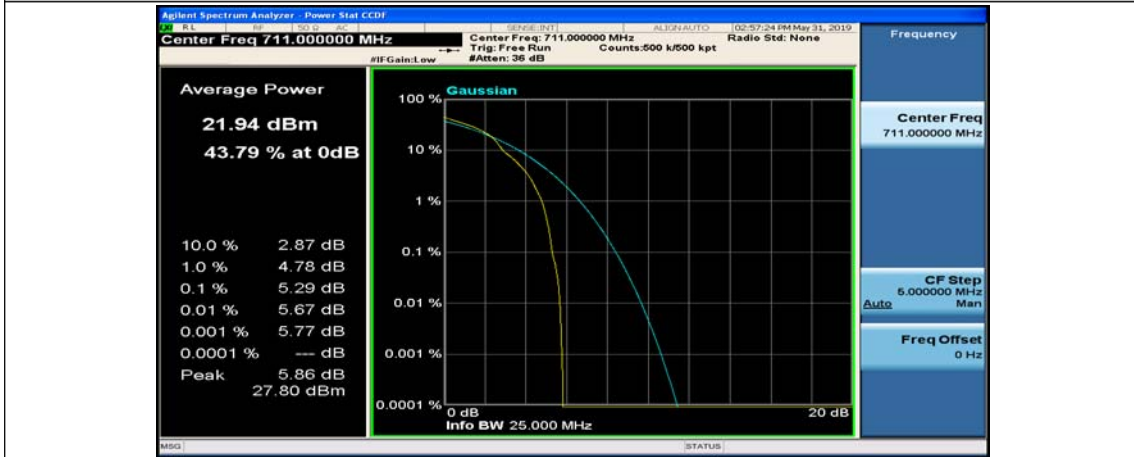
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#25



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0



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	4.4874	4.849	PASS
	MCH	25	0	4.4674	4.822	PASS
	HCH	25	0	4.4904	4.795	PASS
16QAM	LCH	25	0	4.4911	4.816	PASS
	MCH	25	0	4.4680	4.759	PASS
	HCH	25	0	4.4800	4.849	PASS

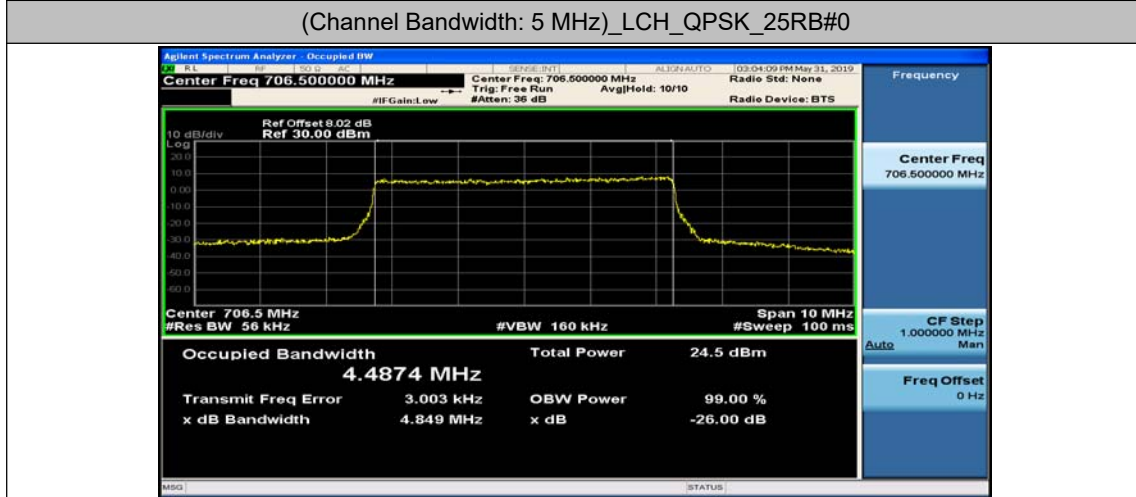
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9117	9.434	PASS
	MCH	50	0	8.9011	9.368	PASS
	HCH	50	0	8.9296	9.390	PASS
16QAM	LCH	50	0	8.9122	9.414	PASS
	MCH	50	0	8.9010	9.411	PASS
	HCH	50	0	8.9040	9.360	PASS

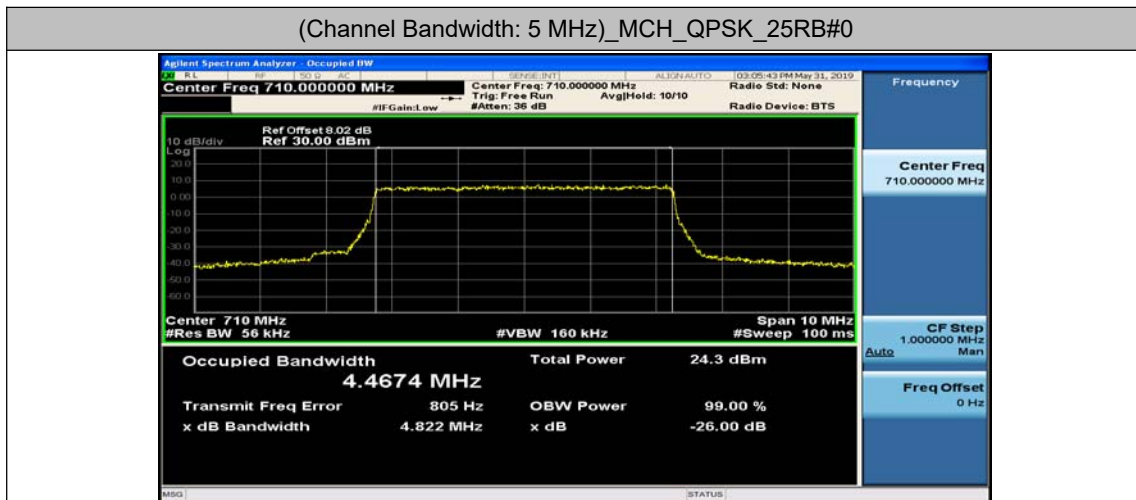
Test Graphs

Channel Bandwidth: 5 MHz

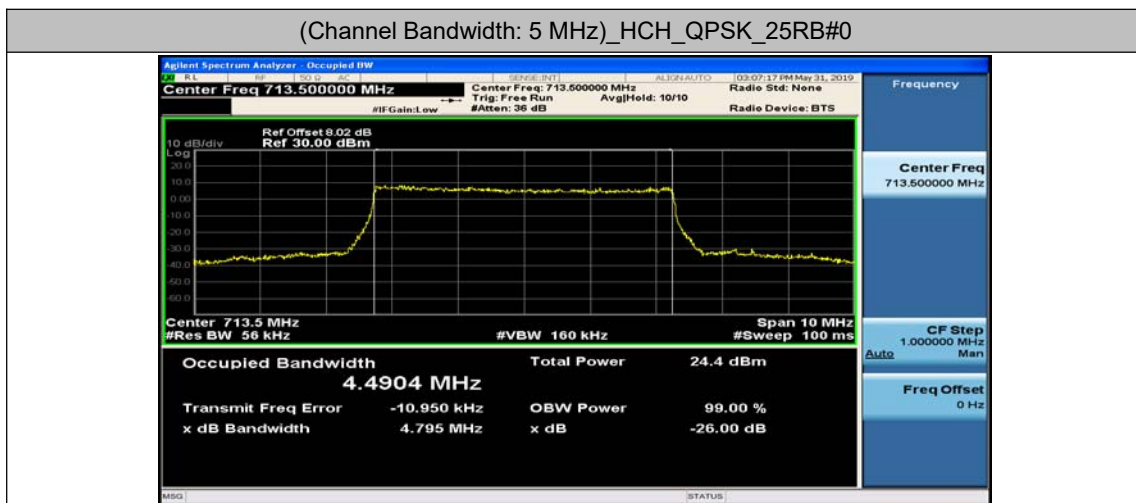
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



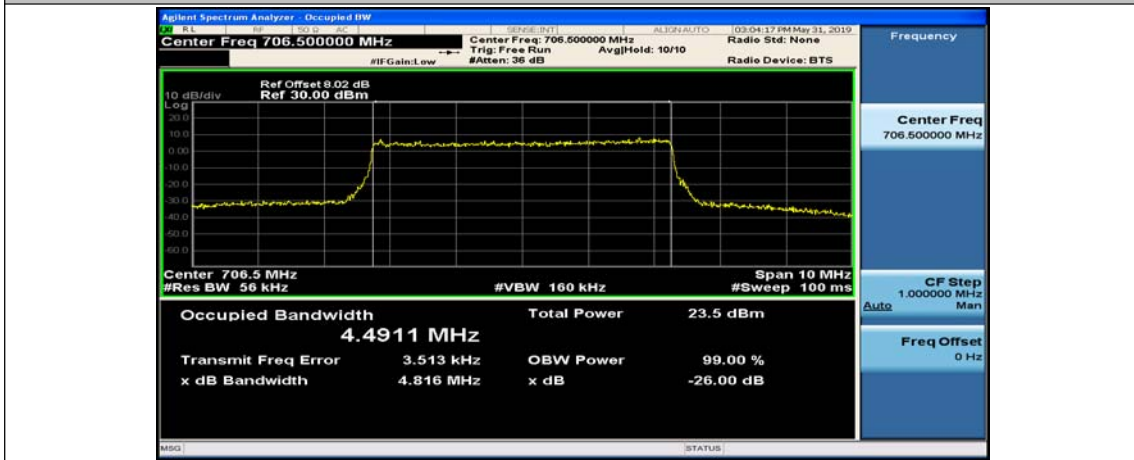
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



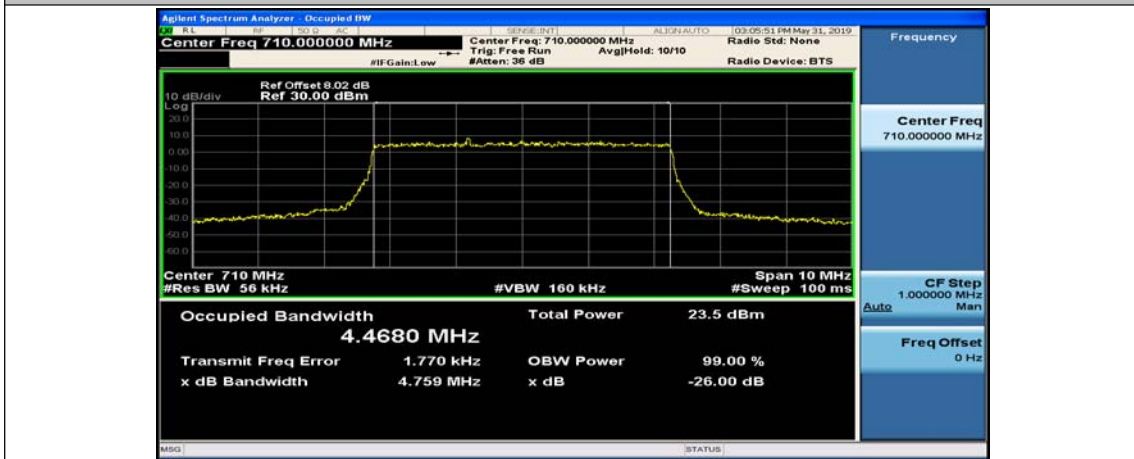
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



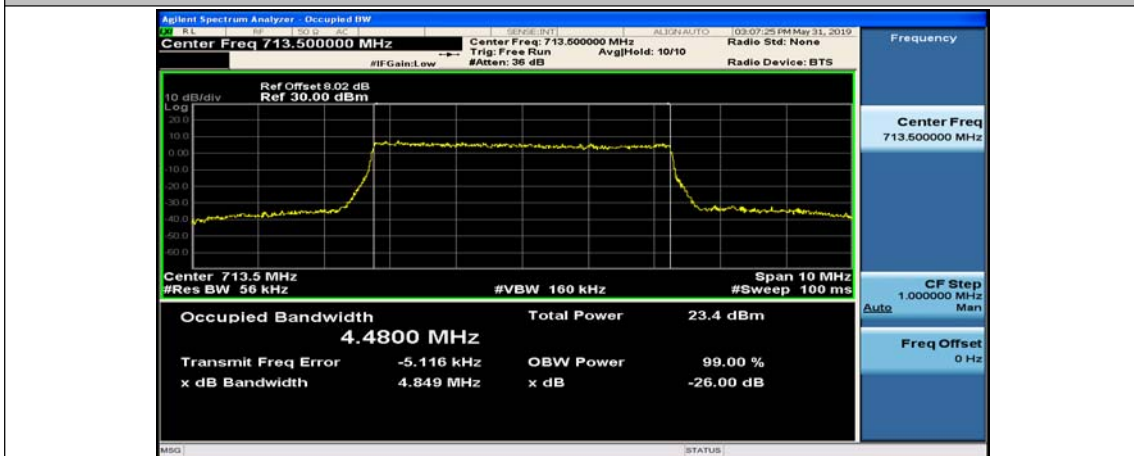
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



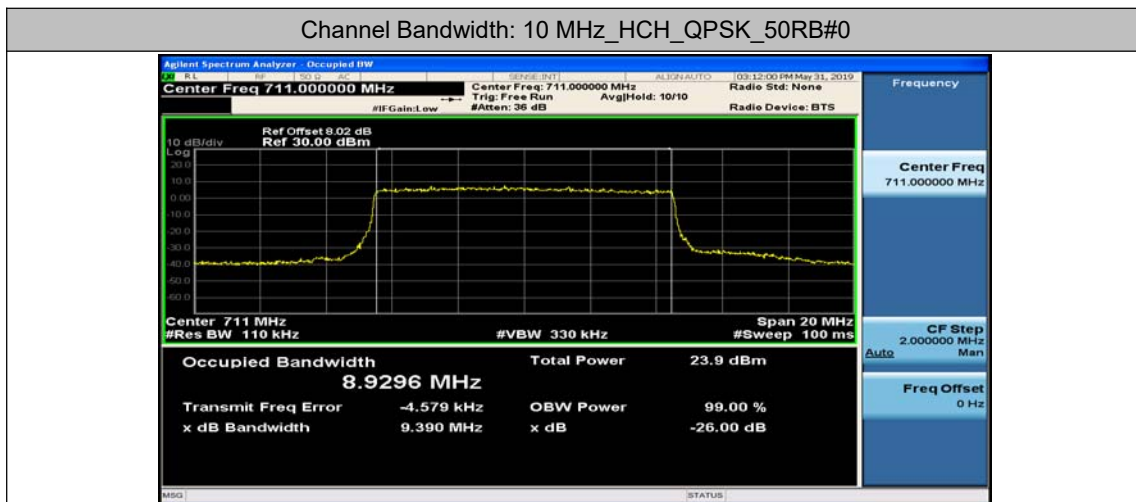
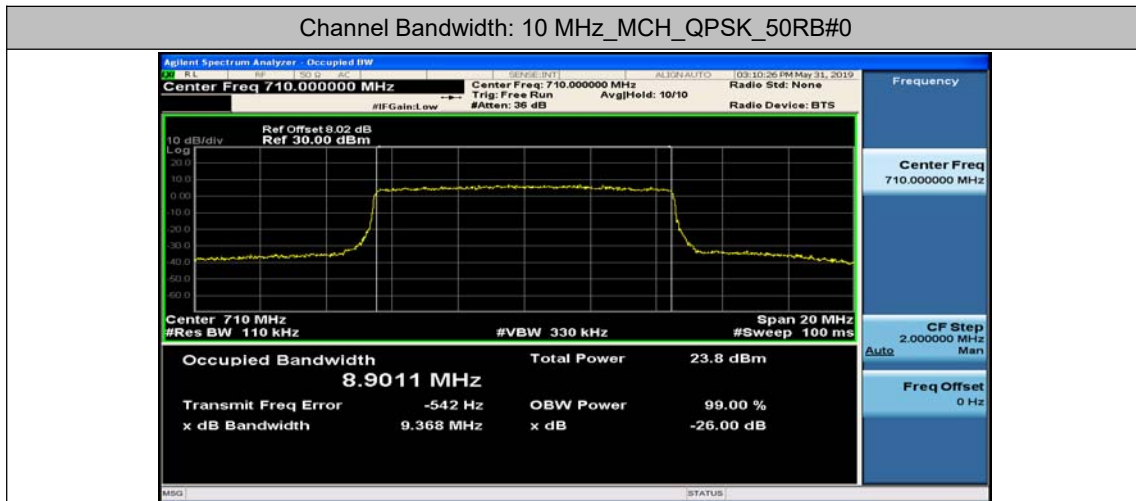
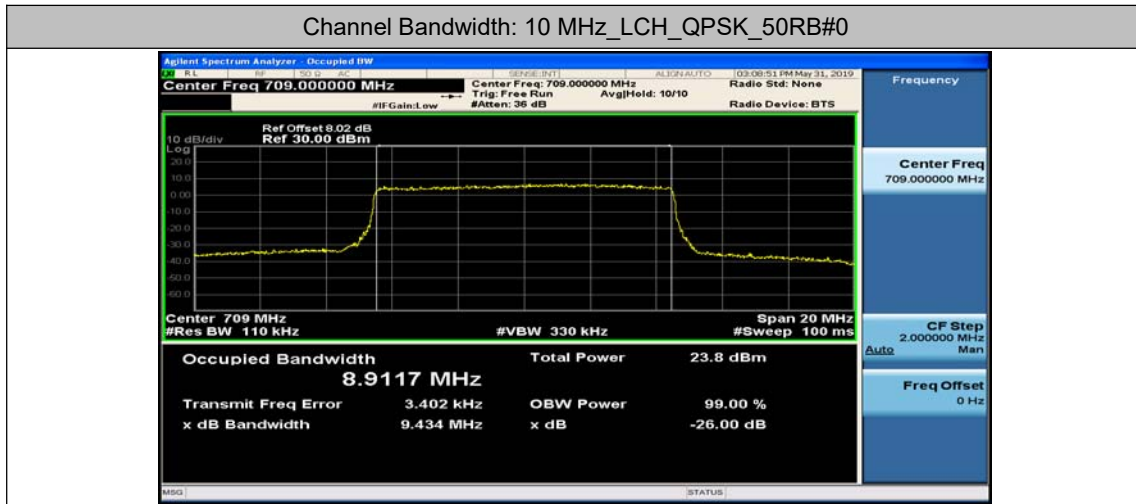
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



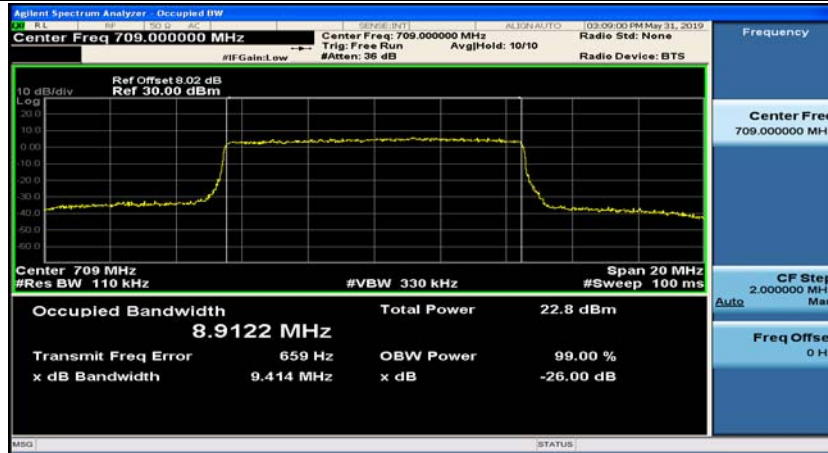
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



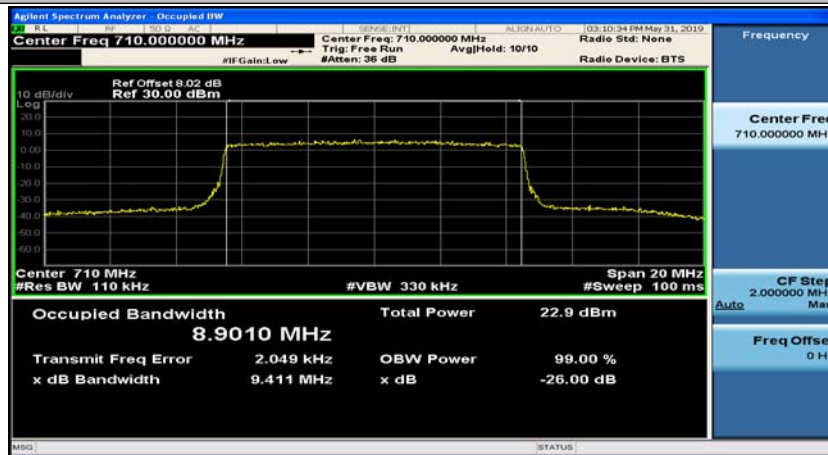
Channel Bandwidth: 10 MHz



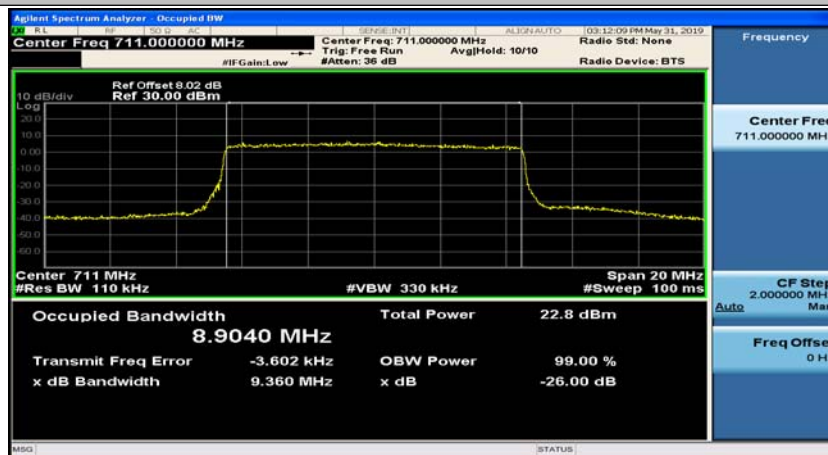
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

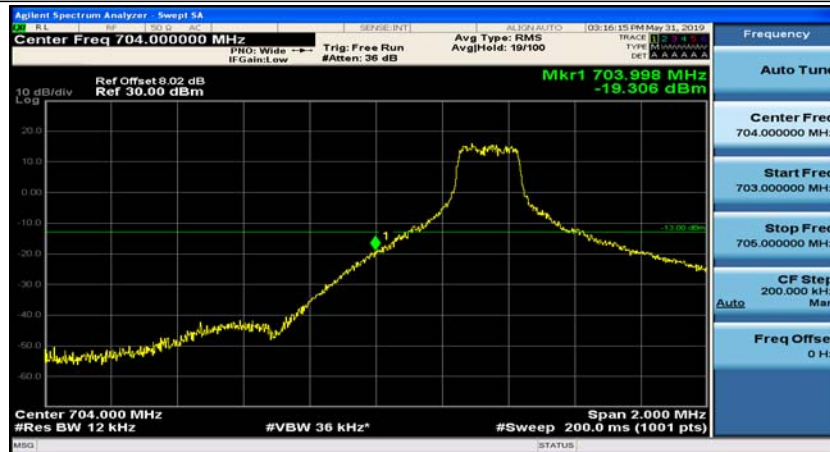


Appendix D: Band Edge

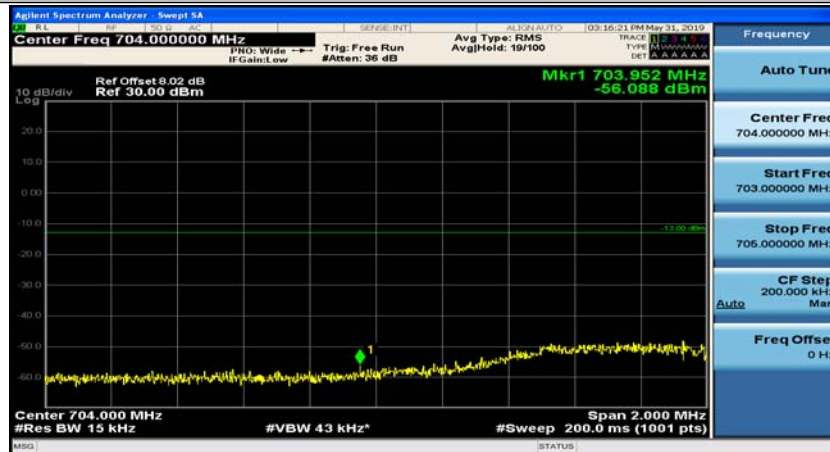
Test Graphs

Channel Bandwidth: 5 MHz

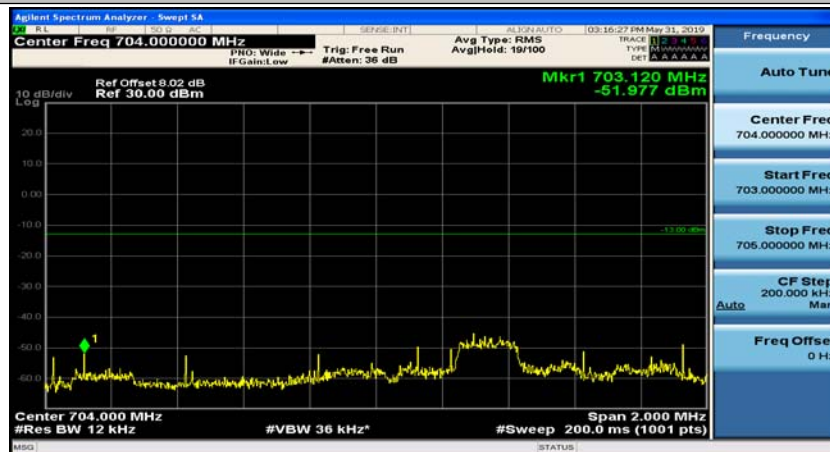
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



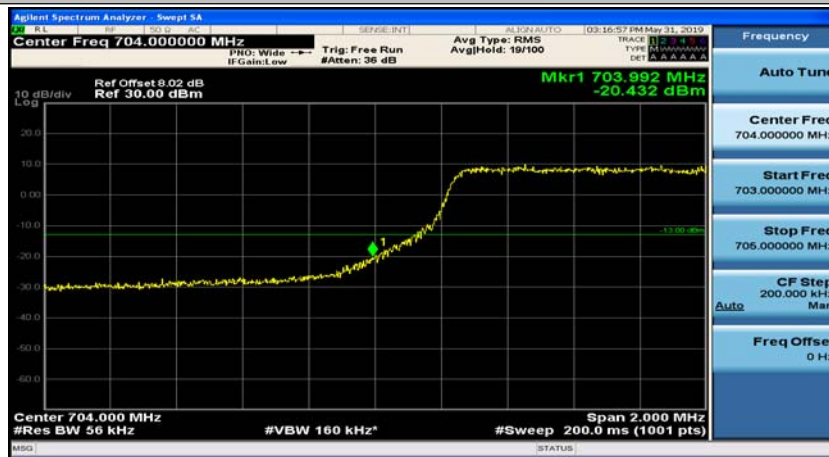
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



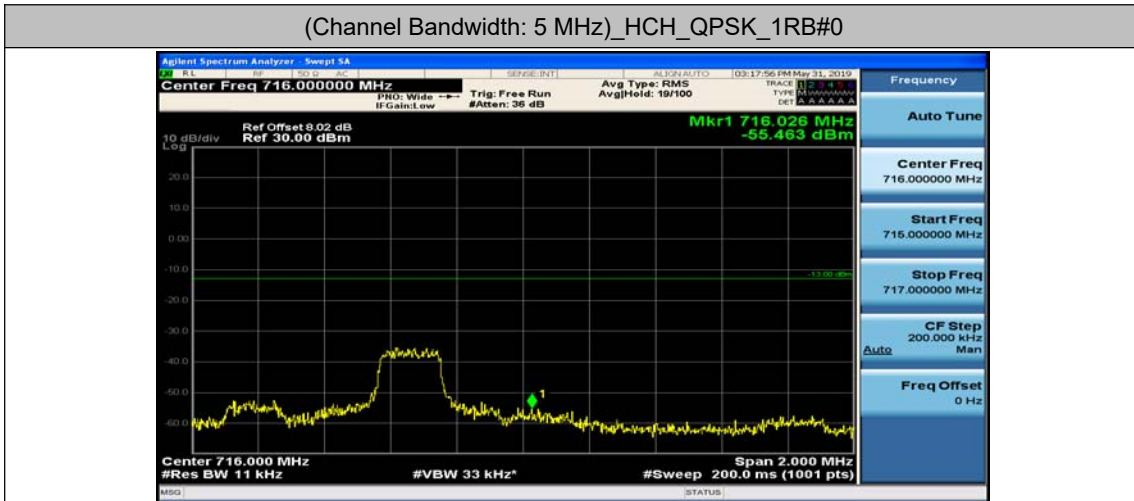
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



(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



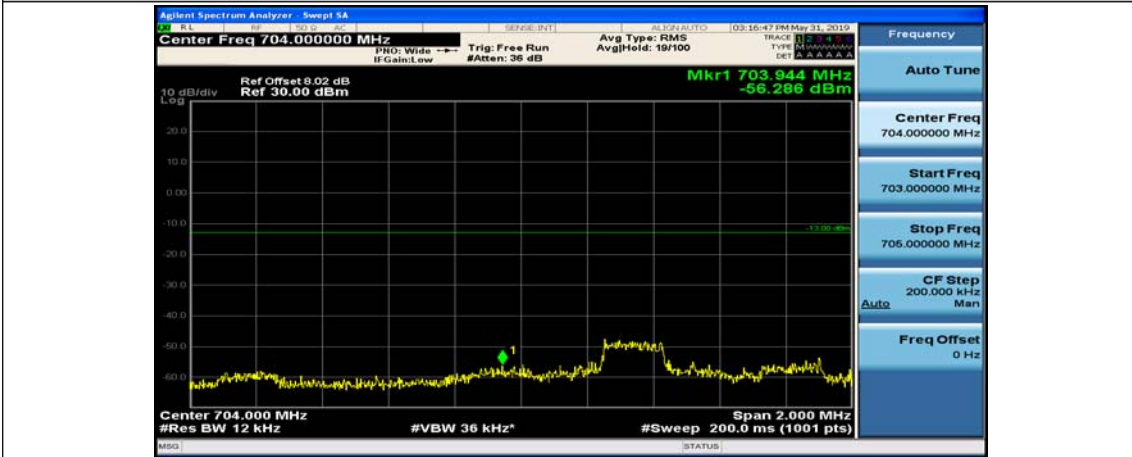
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



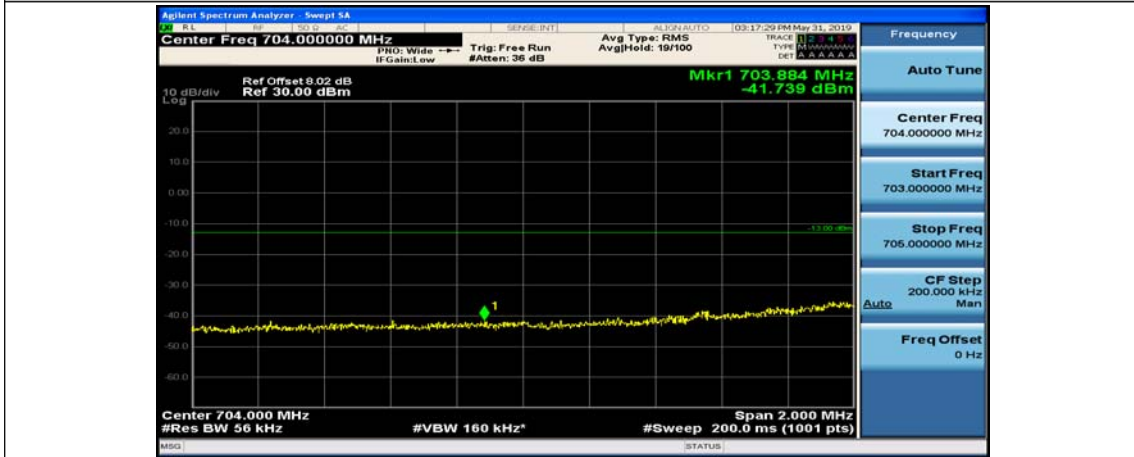
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



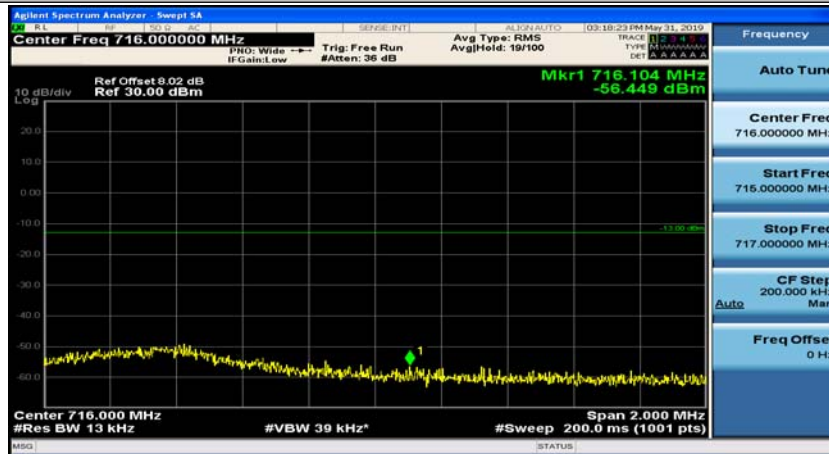
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



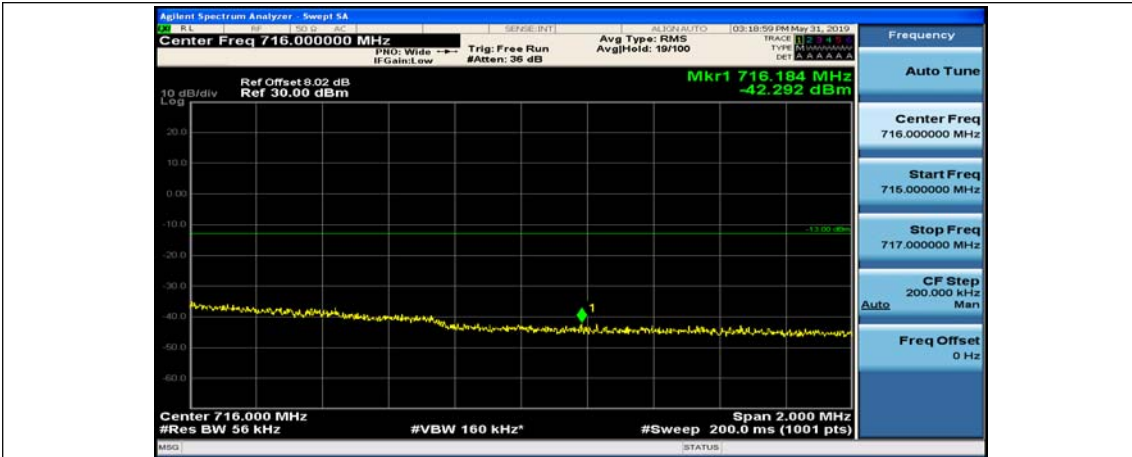
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



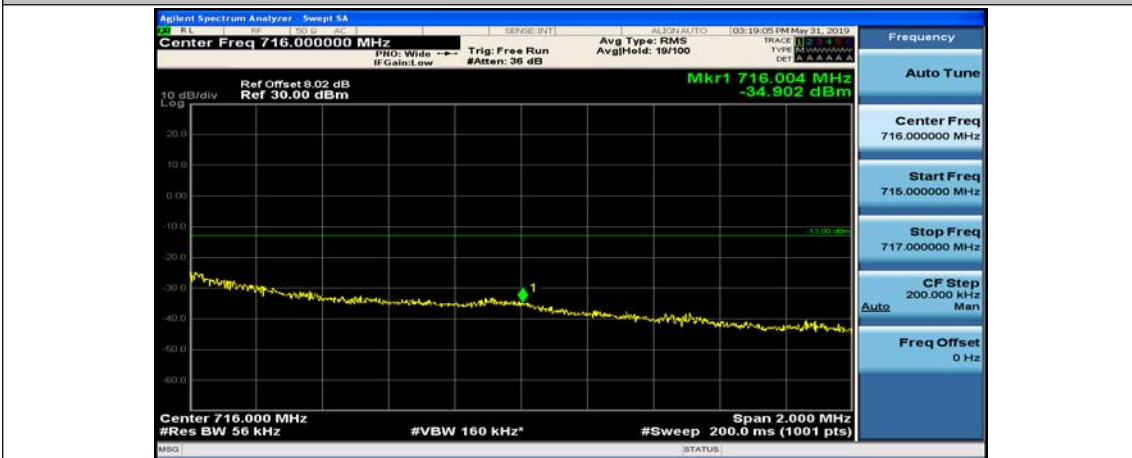
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



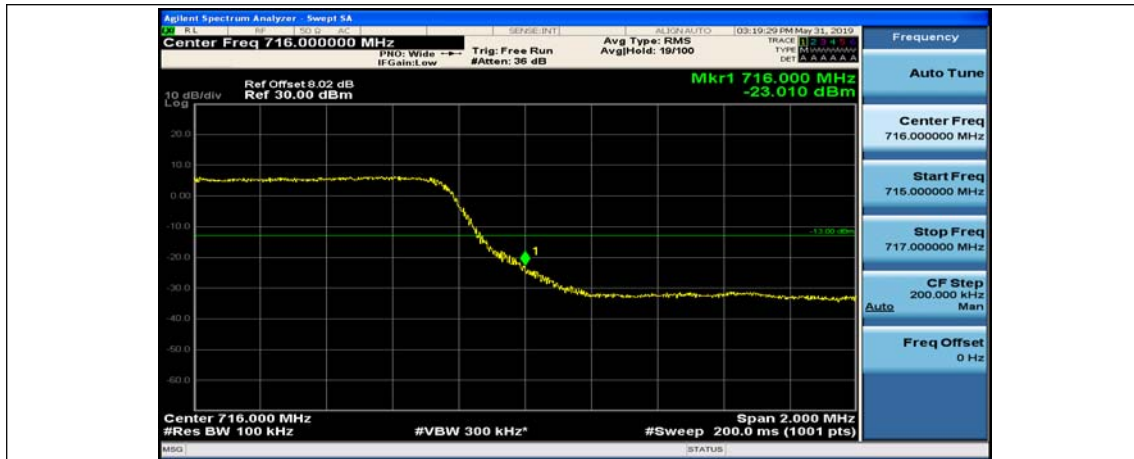
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13



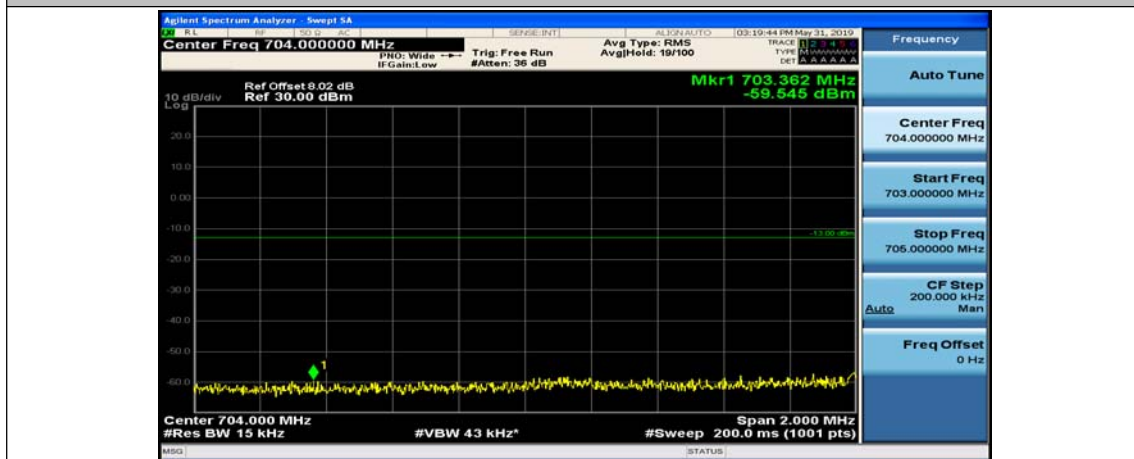
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



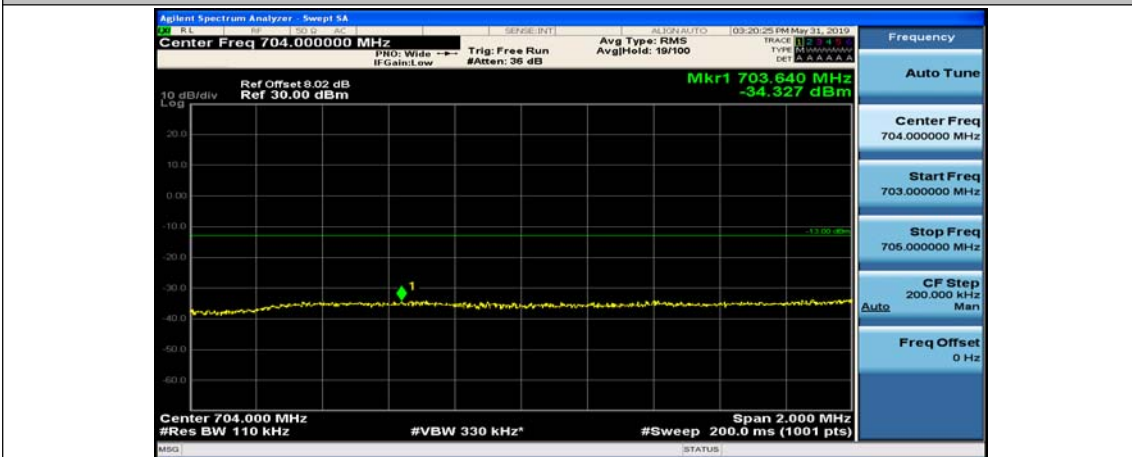
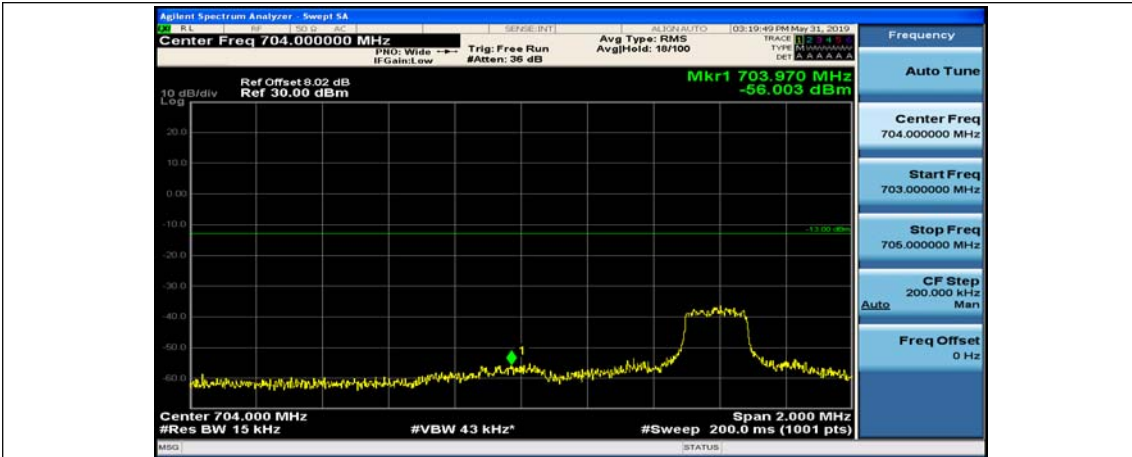
Channel Bandwidth: 10 MHz

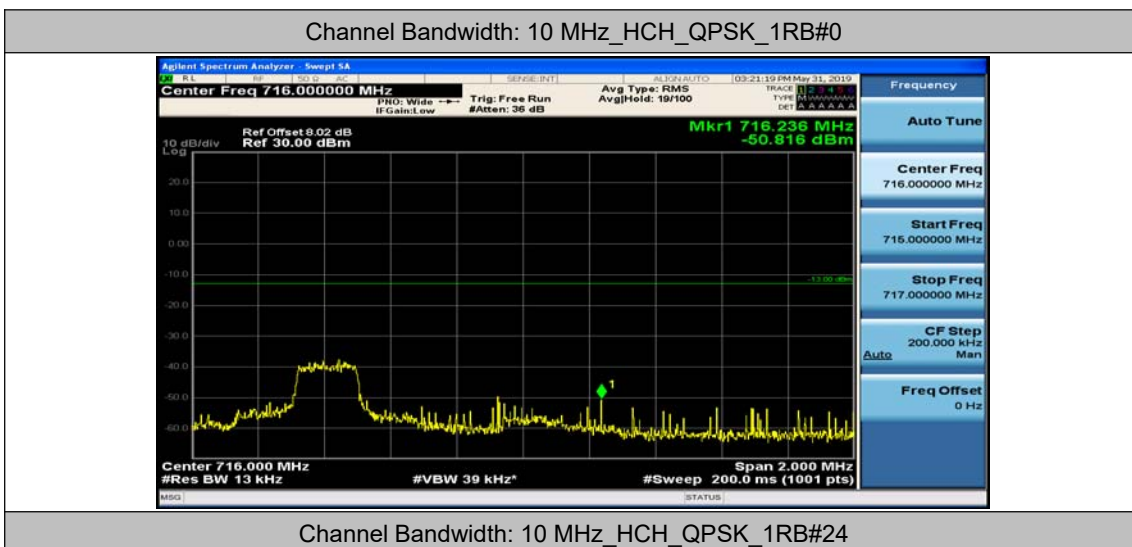
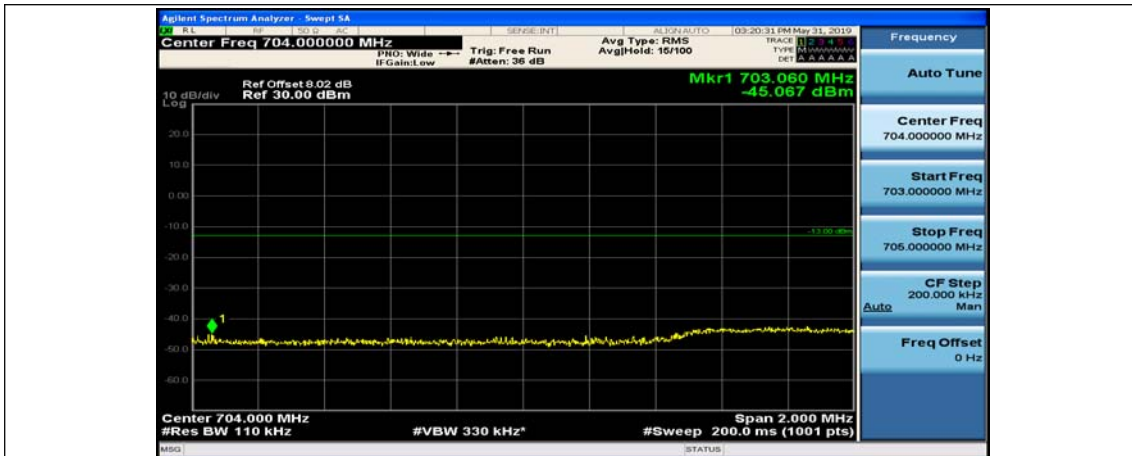


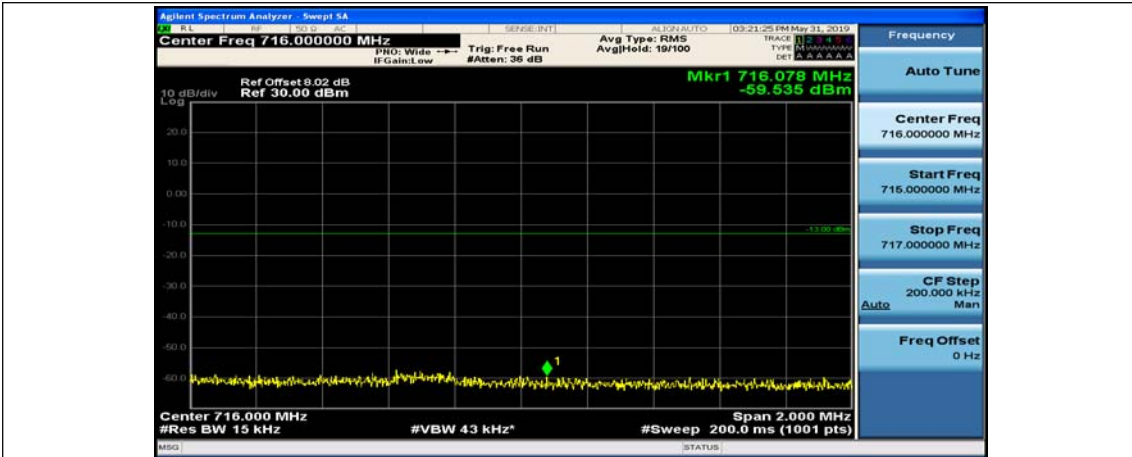
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24



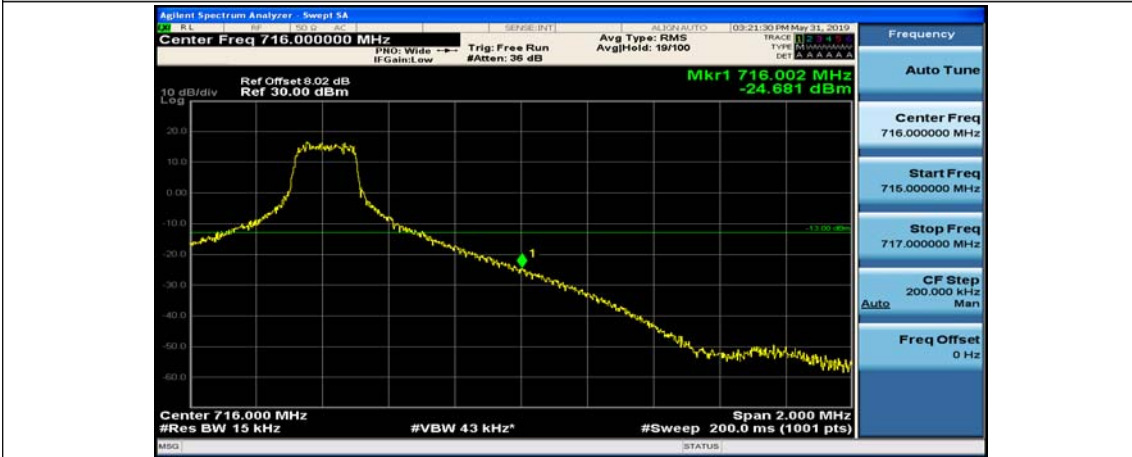
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49







Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12