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	24.02	PASS
		1	12	24.01	PASS
		1	24	23.26	PASS
		12	0	22.10	PASS
		12	6	22.23	PASS
		12	13	22.34	PASS
		25	0	22.09	PASS
	MCH	1	0	23.28	PASS
		1	12	23.40	PASS
		1	24	23.36	PASS
		12	0	22.44	PASS
		12	6	22.45	PASS
		12	13	22.45	PASS
		25	0	22.54	PASS
	HCH	1	0	23.43	PASS
		1	12	23.43	PASS
		1	24	23.35	PASS
		12	0	22.41	PASS
		12	6	22.43	PASS
		12	13	22.41	PASS
		25	0	22.25	PASS
16QAM	LCH	1	0	22.44	PASS
		1	12	22.50	PASS
		1	24	22.63	PASS
		12	0	21.79	PASS
		12	6	21.83	PASS
		12	13	21.84	PASS
		25	0	21.23	PASS
	MCH	1	0	22.71	PASS

		1	12	22.71	PASS
		1	24	22.67	PASS
		12	0	21.46	PASS
		12	6	21.16	PASS
		12	13	20.72	PASS
		25	0	21.35	PASS
	HCH	1	0	22.85	PASS
		1	12	22.86	PASS
		1	24	22.78	PASS
		12	0	21.05	PASS
		12	6	21.36	PASS
		12	13	22.15	PASS
		25	0	21.68	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.96	PASS
		1	24	24.04	PASS
		1	49	23.92	PASS
		25	0	22.28	PASS
		25	12	22.60	PASS
		25	25	22.61	PASS
		50	0	22.32	PASS
	MCH	1	0	23.49	PASS
		1	24	23.55	PASS
		1	49	23.32	PASS
		25	0	22.03	PASS
		25	12	22.27	PASS
		25	25	22.57	PASS
		50	0	22.81	PASS
	HCH	1	0	23.87	PASS
		1	24	23.35	PASS
		1	49	22.97	PASS
		25	0	23.16	PASS
		25	12	23.54	PASS
		25	25	22.52	PASS
		50	0	22.94	PASS
16QAM	LCH	1	0	23.37	PASS
		1	24	23.46	PASS
		1	49	23.32	PASS
		25	0	22.31	PASS

		25	12	22.50	PASS
		25	25	22.21	PASS
		50	0	21.53	PASS
	MCH	1	0	22.30	PASS
		1	24	22.50	PASS
		1	49	22.31	PASS
		25	0	21.72	PASS
		25	12	21.97	PASS
		25	25	22.39	PASS
		50	0	21.70	PASS
	HCH	1	0	22.34	PASS
		1	24	23.24	PASS
		1	49	22.87	PASS
		25	0	22.56	PASS
		25	12	22.12	PASS
		25	25	22.37	PASS
		50	0	22.01	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	4.13	<13	PASS
		1	12	4.77	<13	PASS
		1	24	4.85	<13	PASS
		12	0	5.44	<13	PASS
		12	6	5.47	<13	PASS
		12	13	5.58	<13	PASS
		25	0	5.63	<13	PASS
	MCH	1	0	4.91	<13	PASS
		1	12	5.06	<13	PASS
		1	24	4.71	<13	PASS
		12	0	5.81	<13	PASS
		12	6	5.89	<13	PASS
		12	13	5.6	<13	PASS
		25	0	5.45	<13	PASS
	HCH	1	0	4.34	<13	PASS
		1	12	4.88	<13	PASS
		1	24	4.68	<13	PASS
		12	0	5.08	<13	PASS
		12	6	5.37	<13	PASS
		12	13	5.02	<13	PASS
		25	0	5.2	<13	PASS
16QAM	LCH	1	0	5.42	<13	PASS
		1	12	5.5	<13	PASS
		1	24	5.99	<13	PASS
		12	0	6.46	<13	PASS
		12	6	6.31	<13	PASS
		12	13	6.43	<13	PASS
		25	0	6.59	<13	PASS
	MCH	1	0	5.67	<13	PASS
		1	12	5.52	<13	PASS
		1	24	5.64	<13	PASS

		12	0	6.85	<13	PASS
		12	6	6.6	<13	PASS
		12	13	6.01	<13	PASS
		25	0	6.46	<13	PASS
	HCH	1	0	5.46	<13	PASS
		1	12	5	<13	PASS
		1	24	5.32	<13	PASS
		12	0	6.05	<13	PASS
		12	6	5.95	<13	PASS
		12	13	5.93	<13	PASS
		25	0	6.05	<13	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio	Limit	Verdict
		Size	Offset	[dB]	[dB]	
QPSK	LCH	1	0	4.17	<13	PASS
		1	24	4.64	<13	PASS
		1	49	4.74	<13	PASS
		25	0	5.75	<13	PASS
		25	12	6.03	<13	PASS
		25	25	5.7	<13	PASS
		50	0	5.65	<13	PASS
	MCH	1	0	4.86	<13	PASS
		1	24	4.99	<13	PASS
		1	49	4.61	<13	PASS
		25	0	5.8	<13	PASS
		25	12	5.69	<13	PASS
		25	25	5.55	<13	PASS
		50	0	5.61	<13	PASS
	HCH	1	0	4.63	<13	PASS
		1	24	4.8	<13	PASS
		1	49	4.4	<13	PASS
		25	0	5.88	<13	PASS
		25	12	5.8	<13	PASS
		25	25	5.58	<13	PASS
		50	0	5.73	<13	PASS
16QAM	LCH	1	0	5.12	<13	PASS
		1	24	5.91	<13	PASS
		1	49	5.43	<13	PASS
		25	0	6.42	<13	PASS

		25	12	6.54	<13	PASS
		25	25	6.35	<13	PASS
		50	0	6.39	<13	PASS
	MCH	1	0	5.48	<13	PASS
		1	24	5.97	<13	PASS
		1	49	5.42	<13	PASS
		25	0	6.54	<13	PASS
		25	12	6.43	<13	PASS
		25	25	6.3	<13	PASS
		50	0	6.35	<13	PASS
	HCH	1	0	5.5	<13	PASS
		1	24	5.74	<13	PASS
		1	49	5.51	<13	PASS
		25	0	6.69	<13	PASS
		25	12	6.15	<13	PASS
		25	25	6.08	<13	PASS
		50	0	6.4	<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

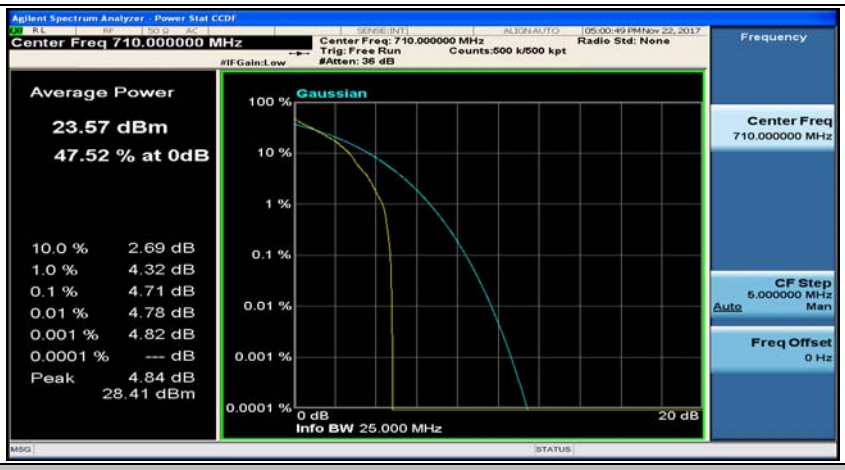
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13

(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0

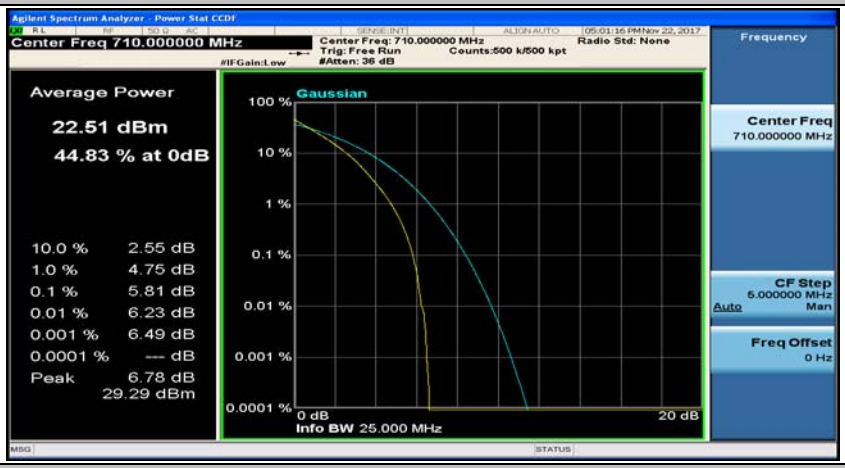
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



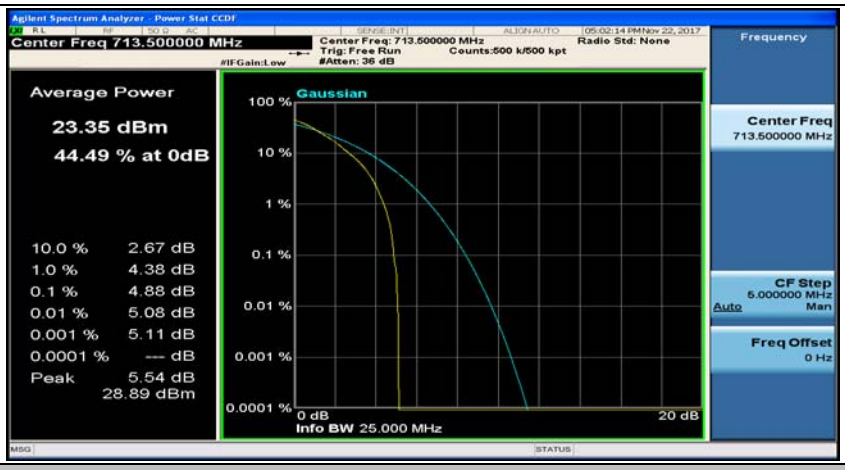
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6

(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

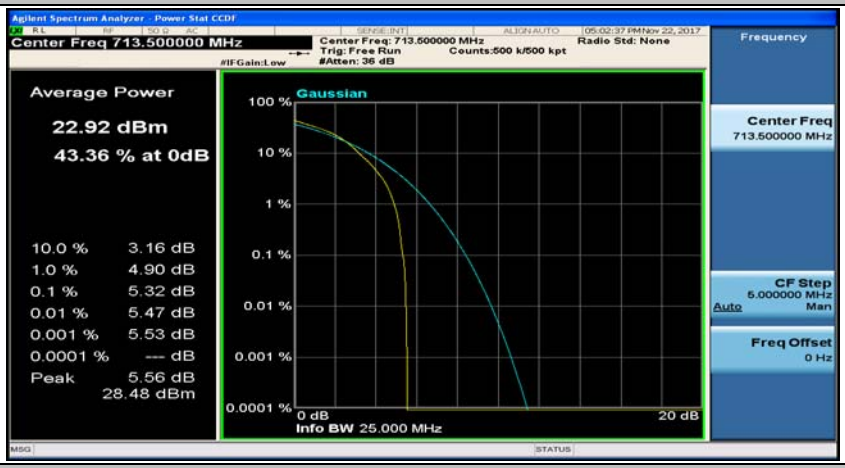
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13

(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

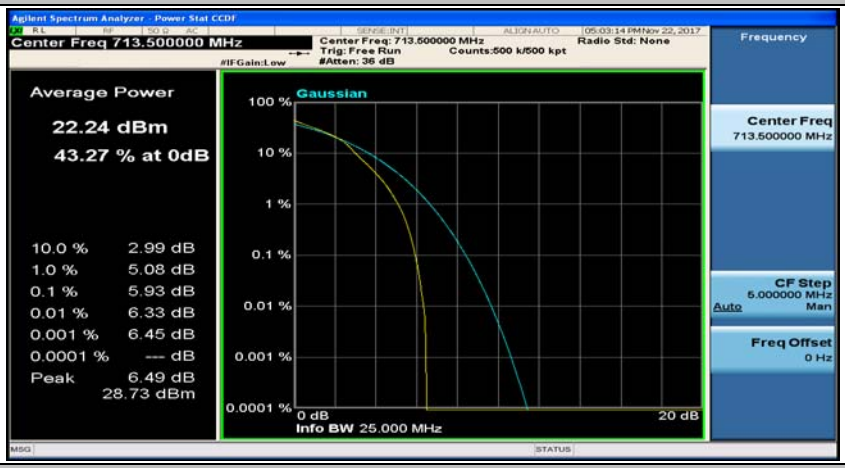
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0

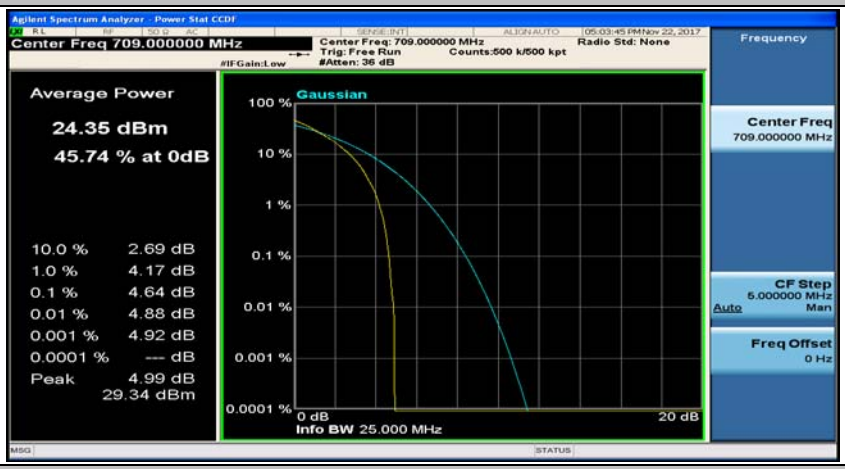
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6

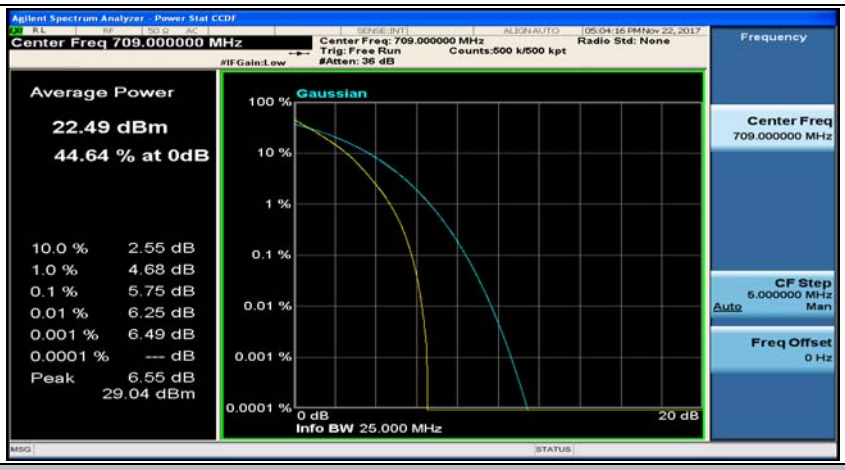
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13



(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_LCH_QPSK_25RB#12

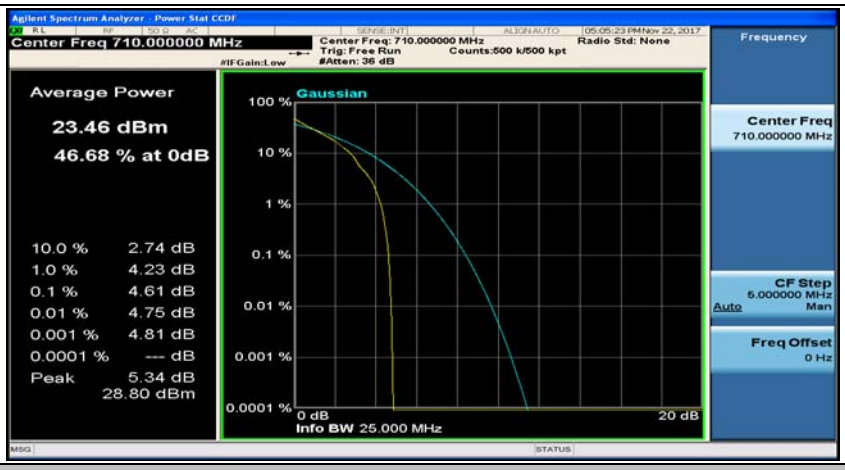
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25

Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0

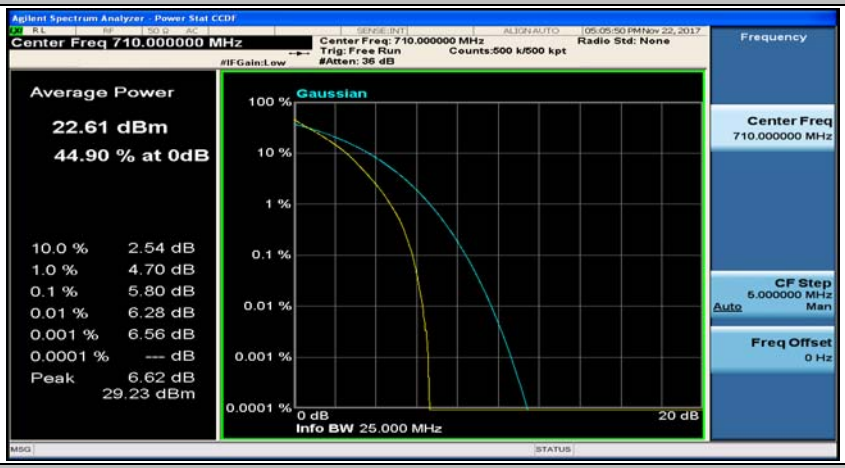
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49



Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0



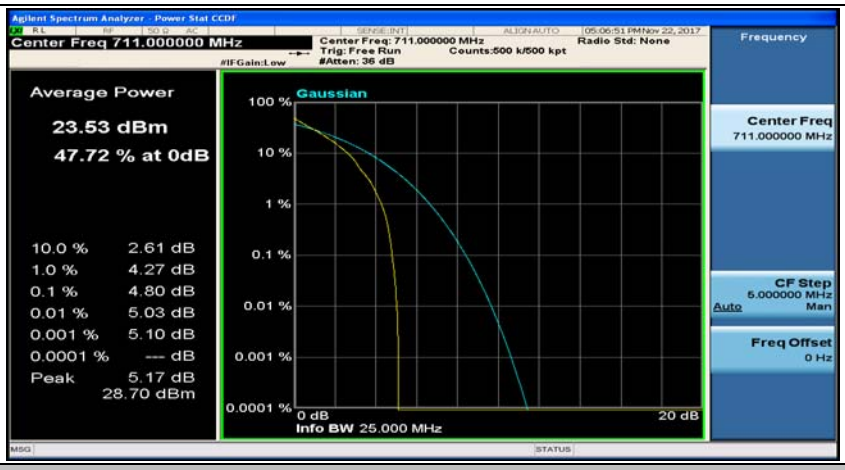
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12

Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25

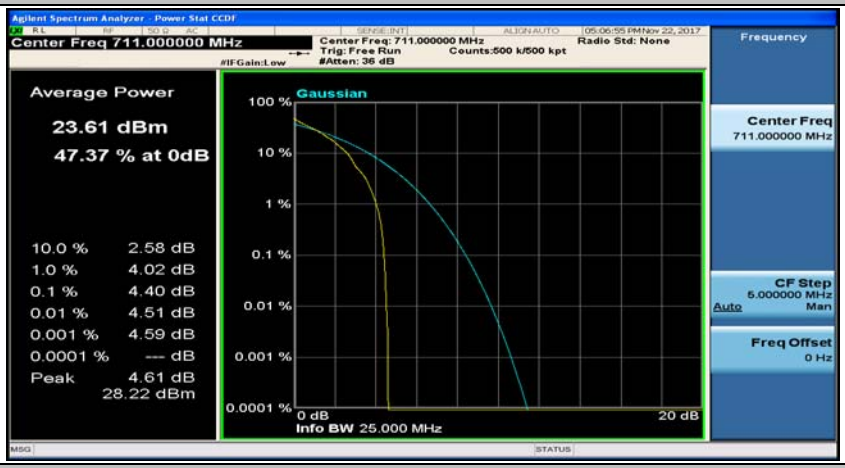
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0

Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

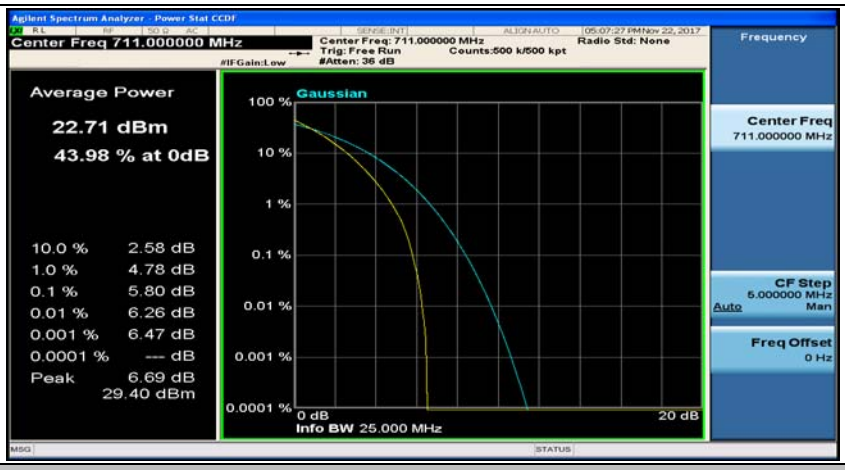


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49

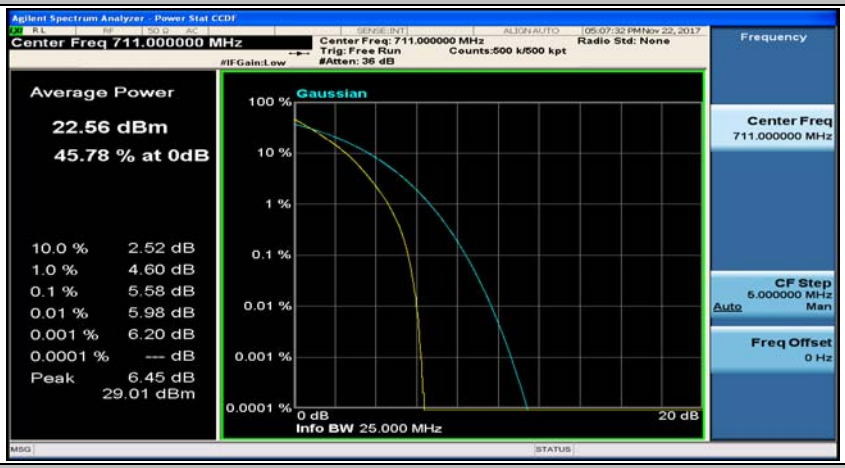


Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0

Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12



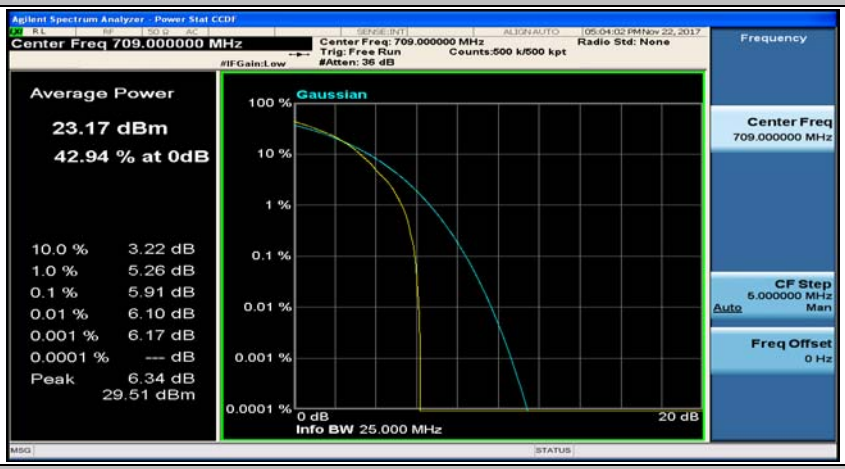
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25



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_LCH_16QAM_25RB#12

Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#25

Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#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

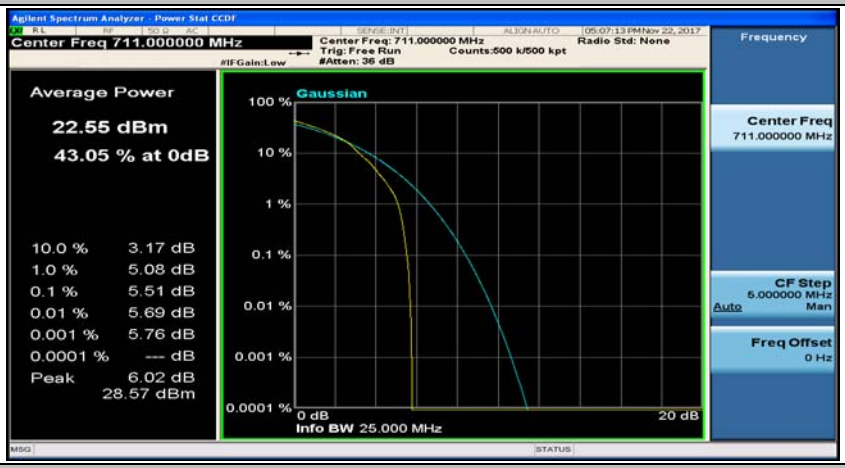
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25

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	4.4933	4.848	PASS
	MCH	25	0	4.4740	4.821	PASS
	HCH	25	0	4.4825	4.797	PASS
16QAM	LCH	25	0	4.4790	4.820	PASS
	MCH	25	0	4.4823	4.795	PASS
	HCH	25	0	4.4819	4.827	PASS

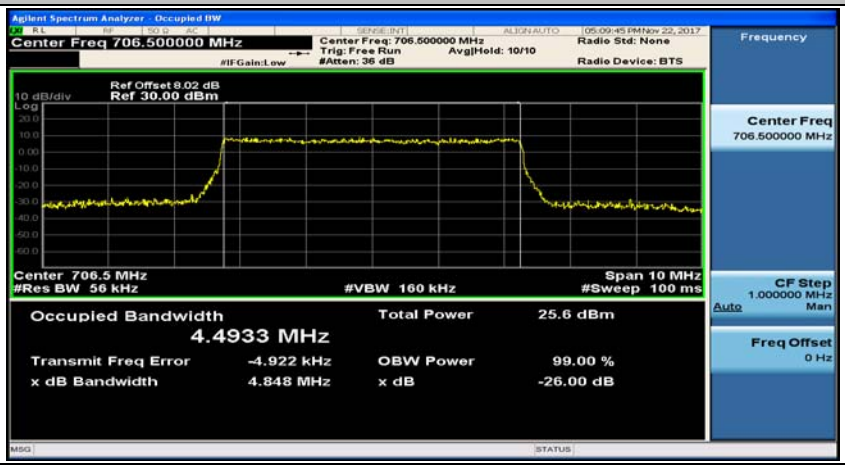
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9661	9.389	PASS
	MCH	50	0	8.9405	9.488	PASS
	HCH	50	0	8.9280	9.447	PASS
16QAM	LCH	50	0	8.9513	9.411	PASS
	MCH	50	0	8.9326	9.473	PASS
	HCH	50	0	8.9309	9.455	PASS

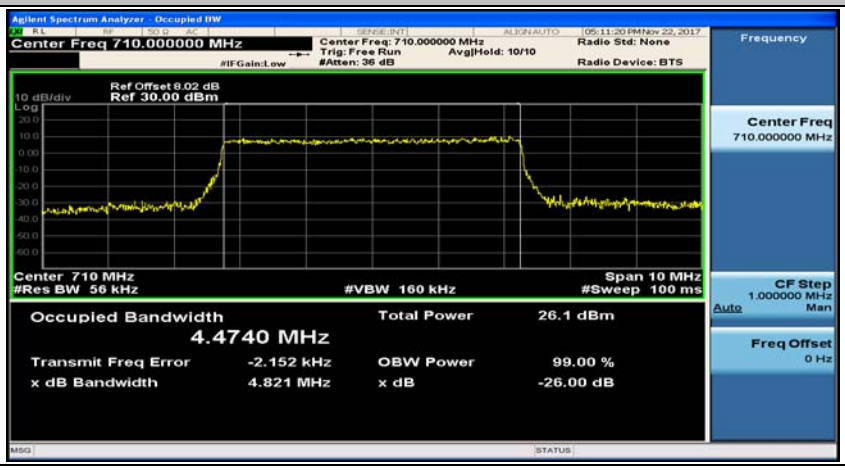
Test Graphs

Channel Bandwidth: 5 MHz

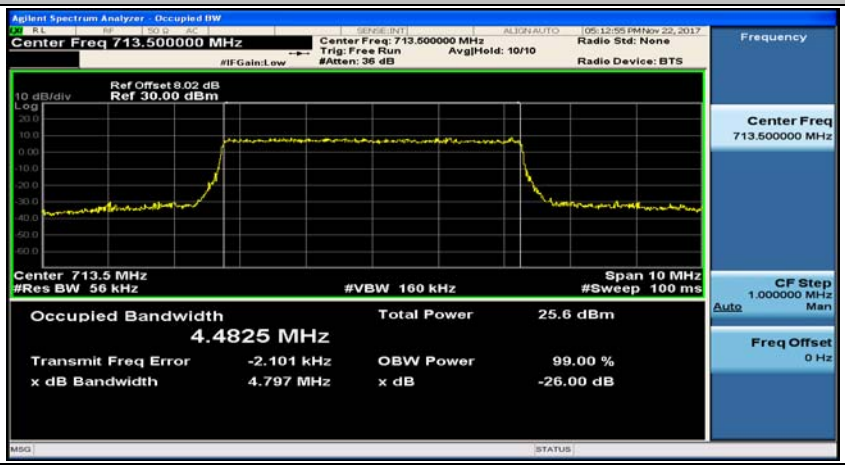
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



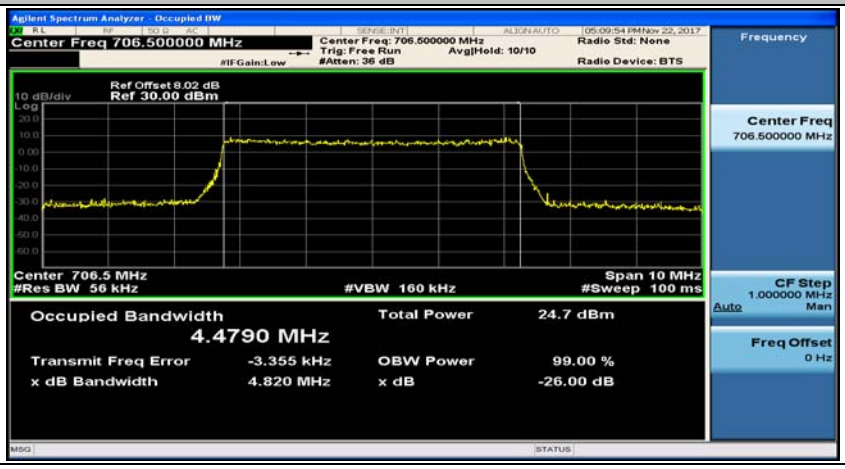
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



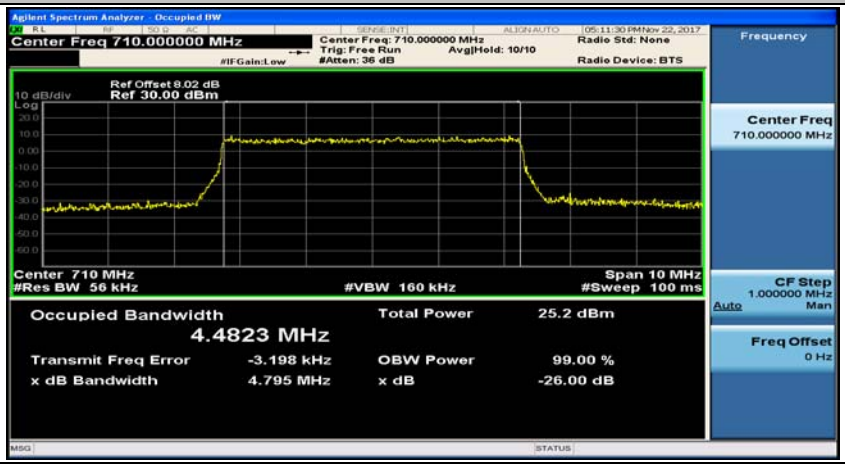
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



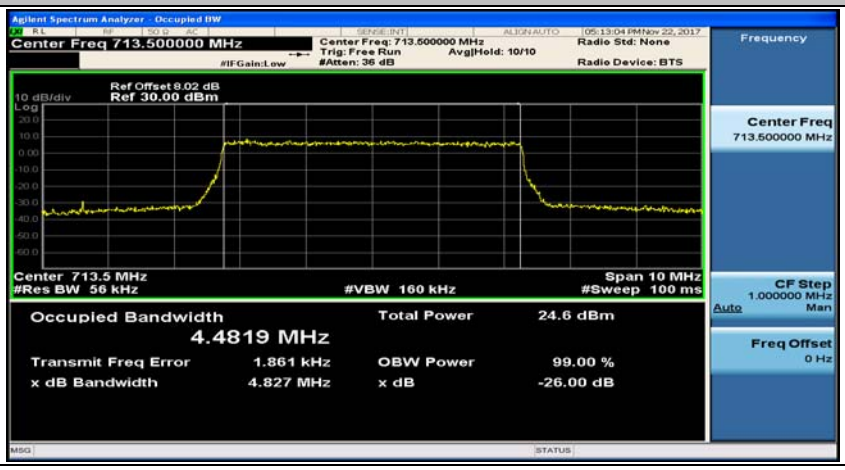
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

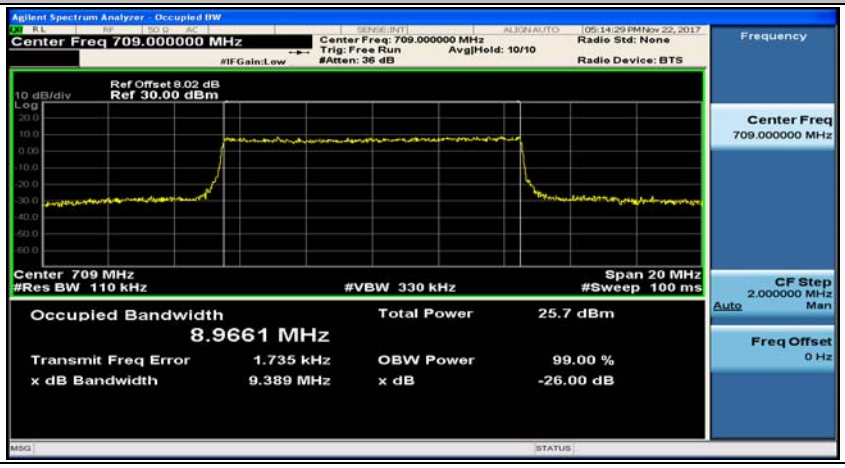


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

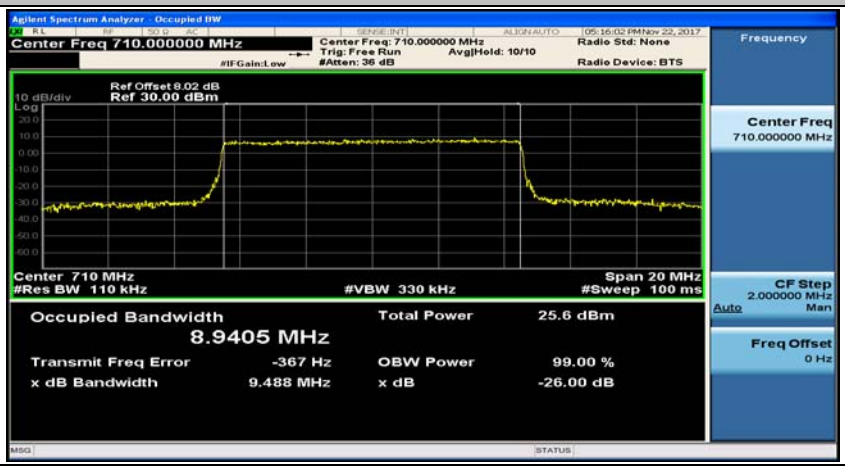


Channel Bandwidth: 10 MHz

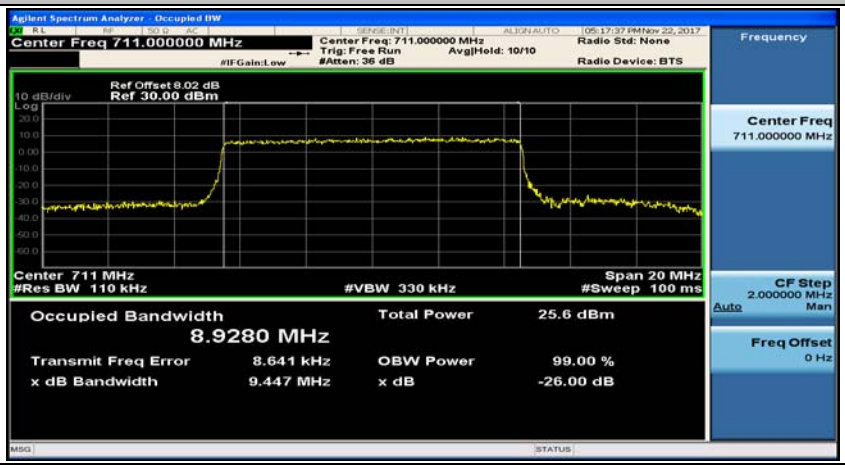
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



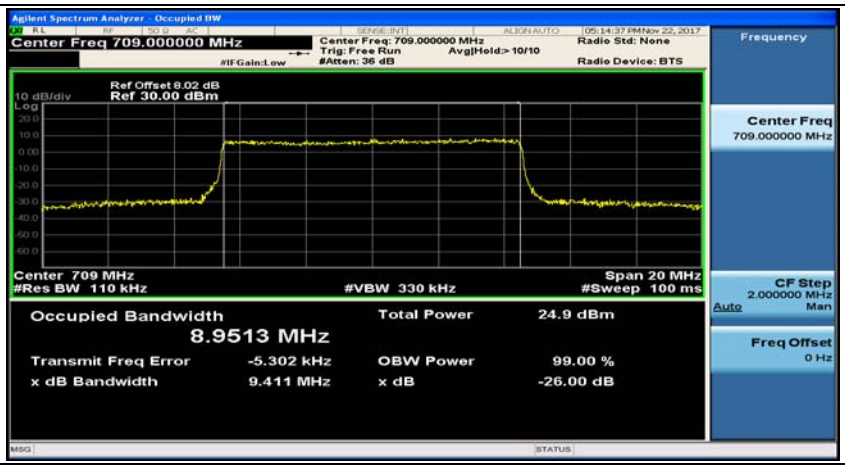
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



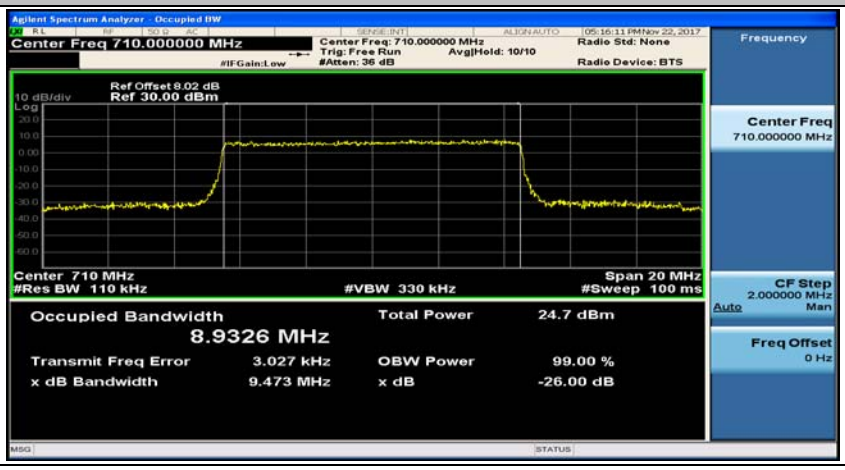
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



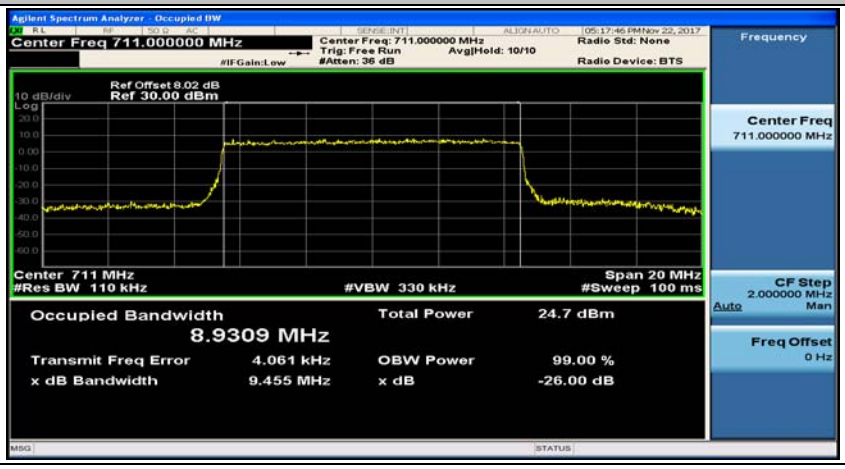
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0



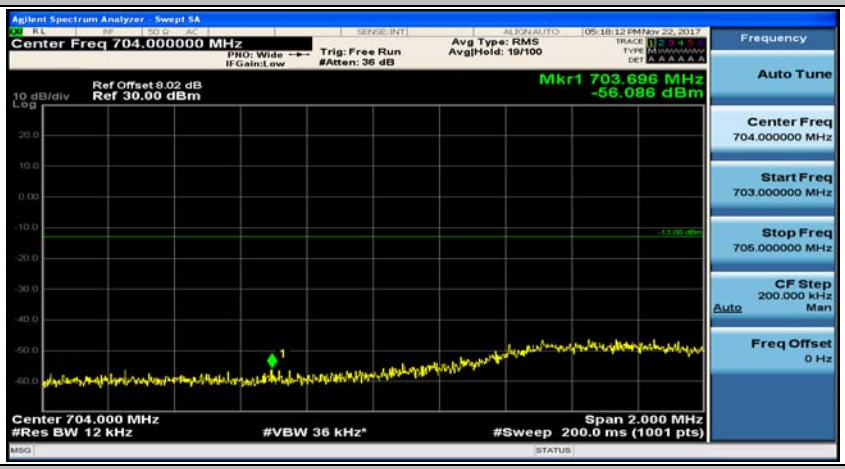
Appendix D: Band Edge

Test Graphs

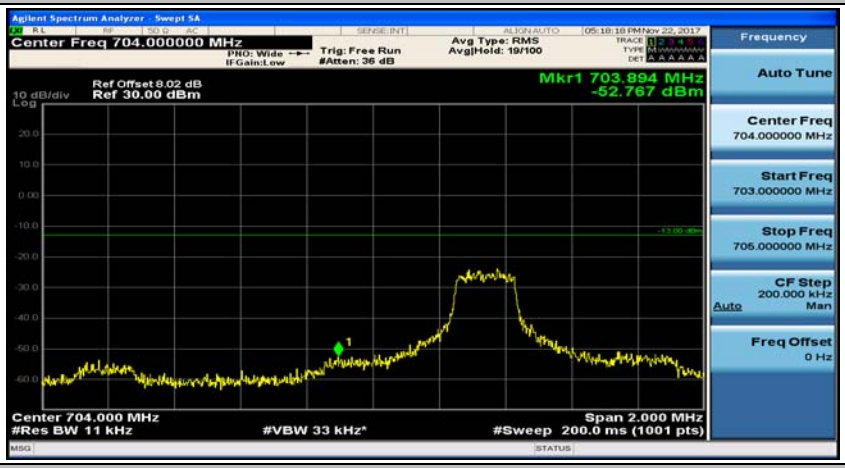
Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0

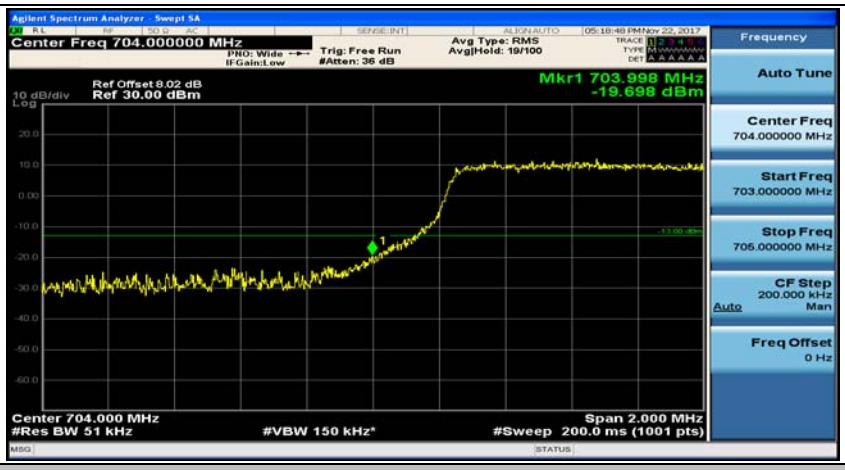
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



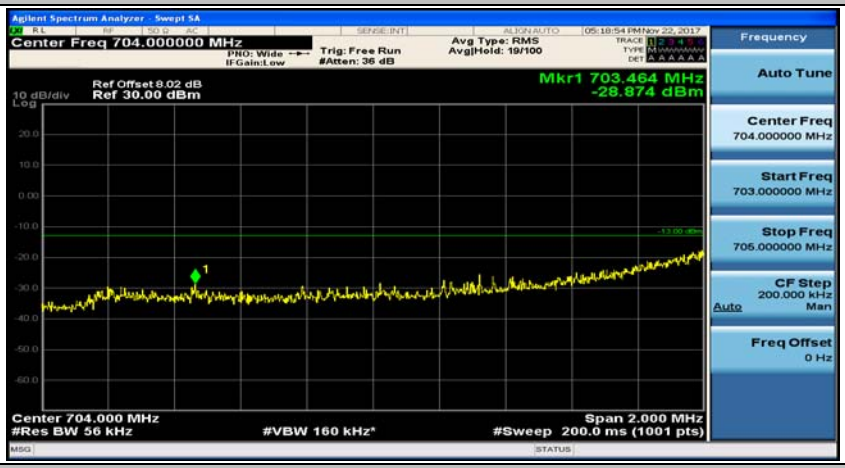
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



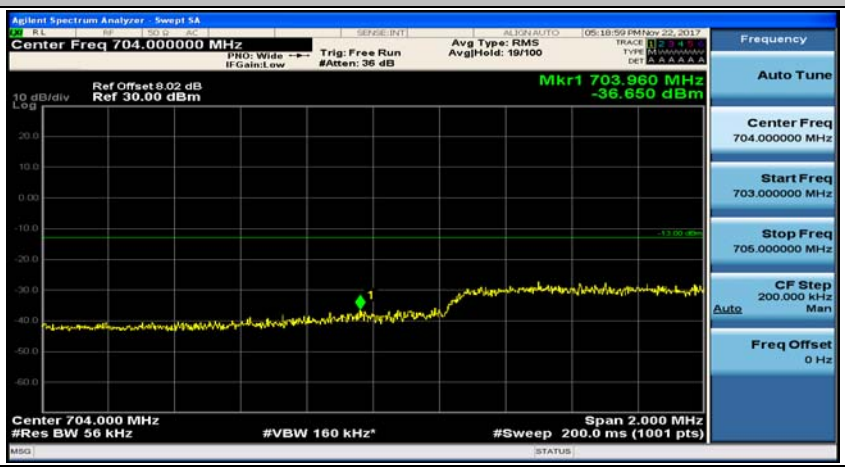
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



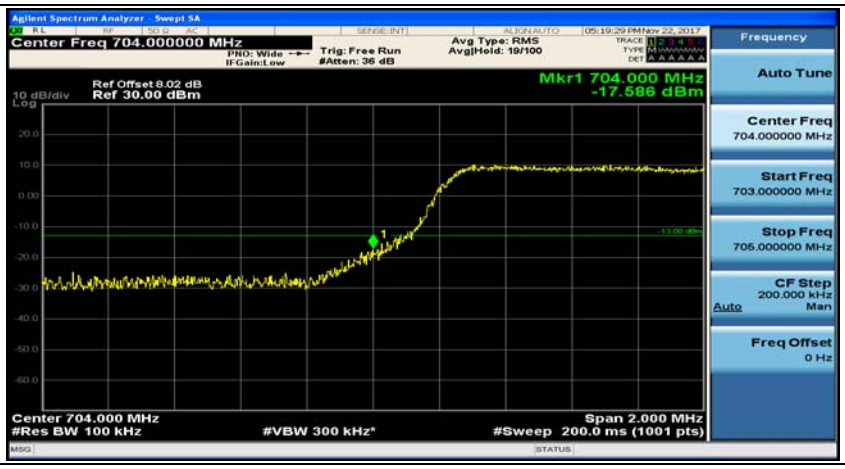
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13

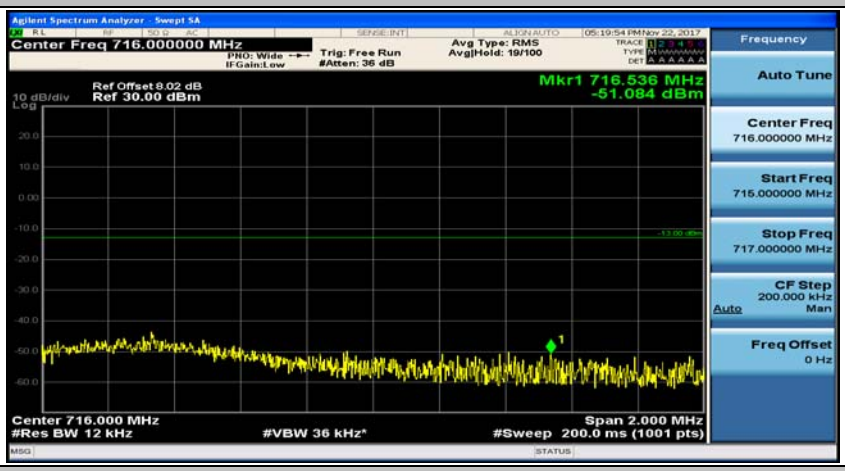


(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



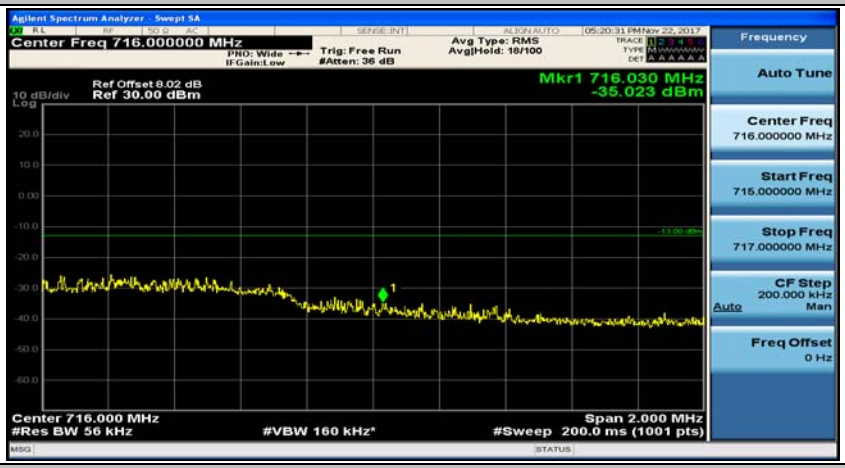
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

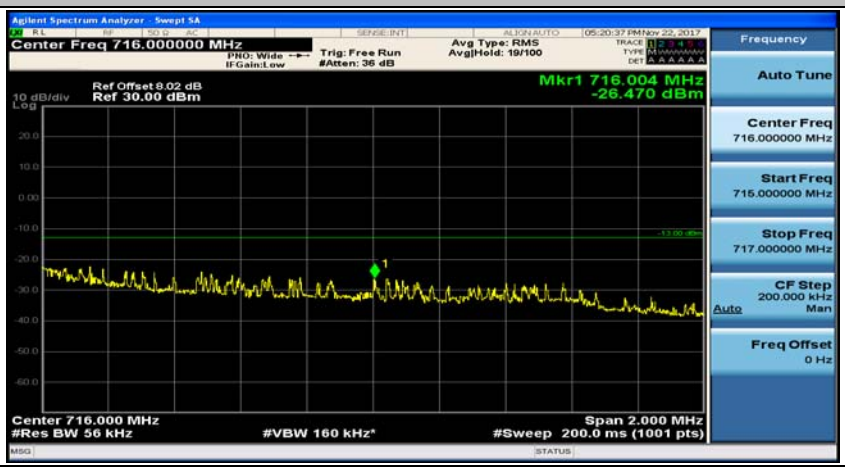


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24

(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0

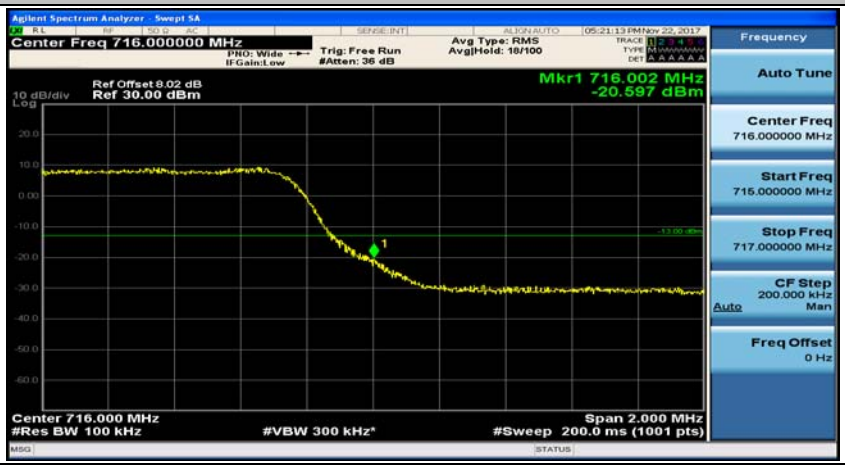


(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



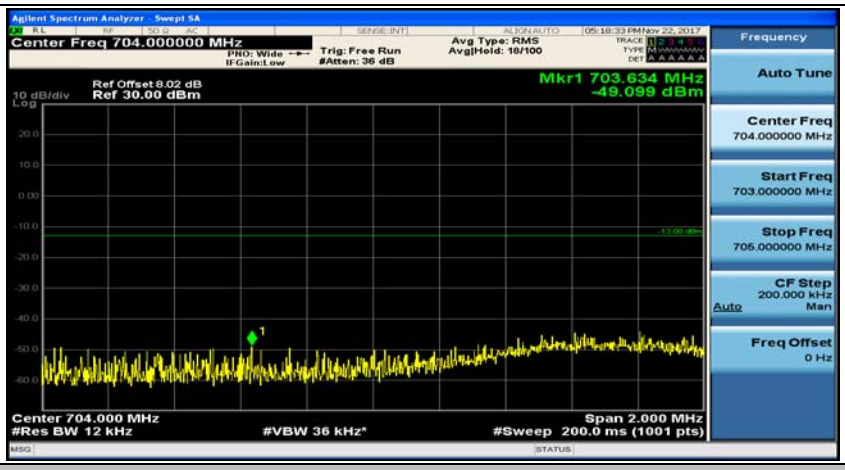
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13

(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0

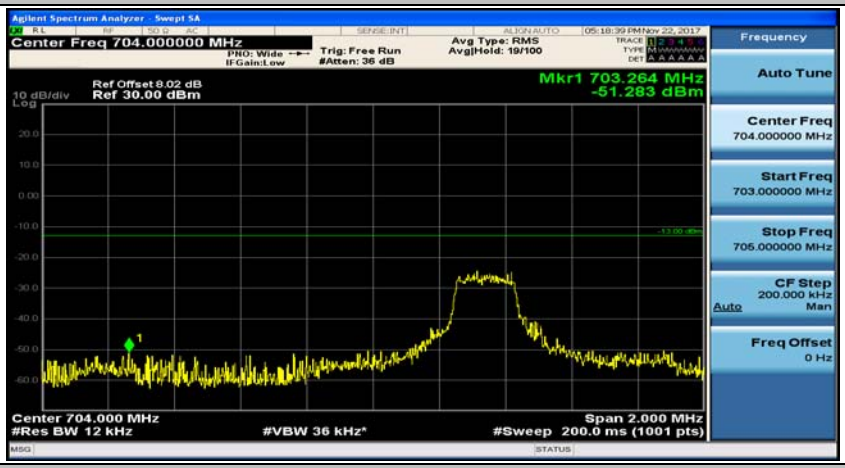


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

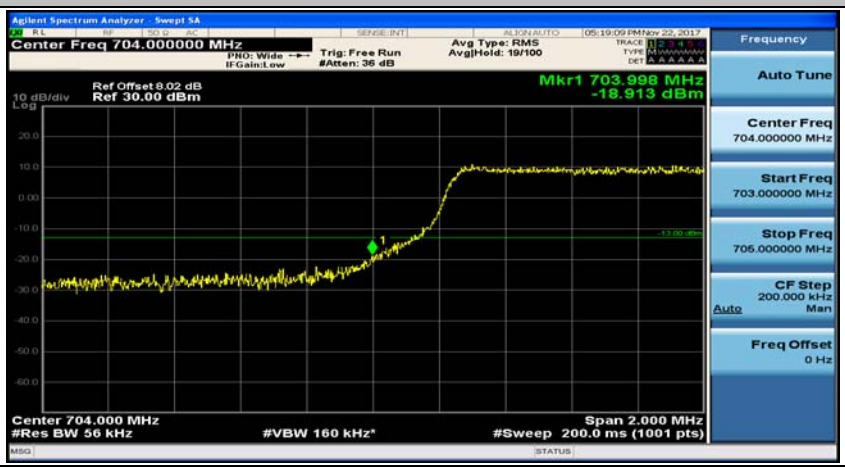
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



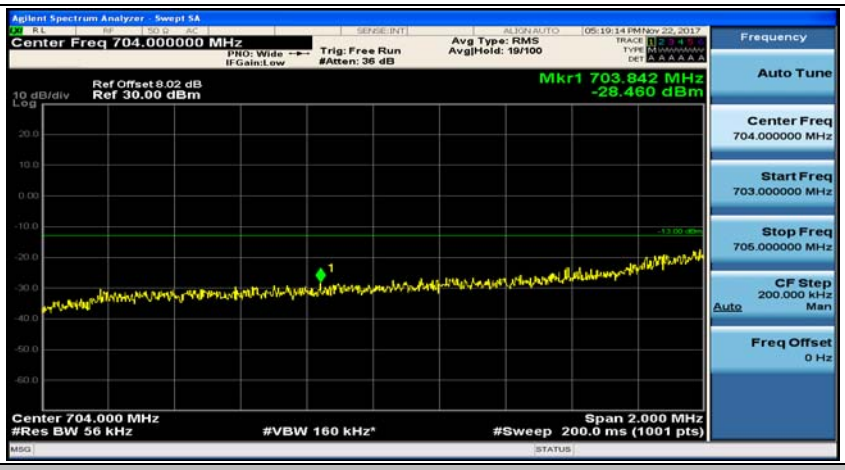
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



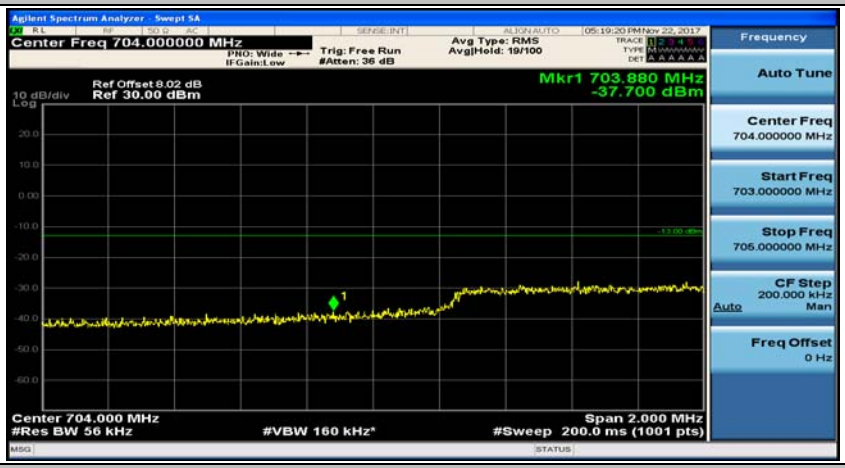
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



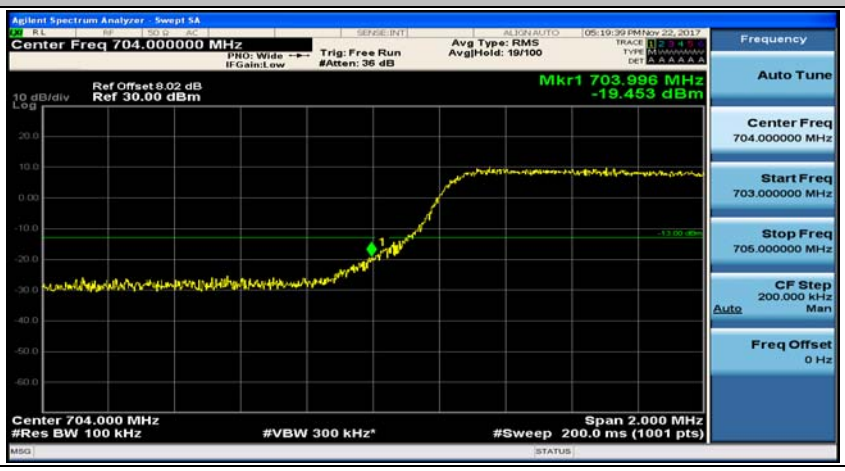
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



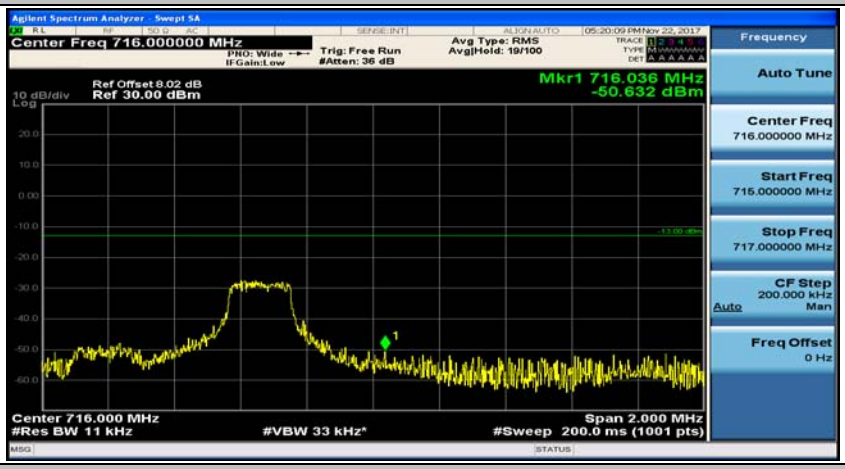
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



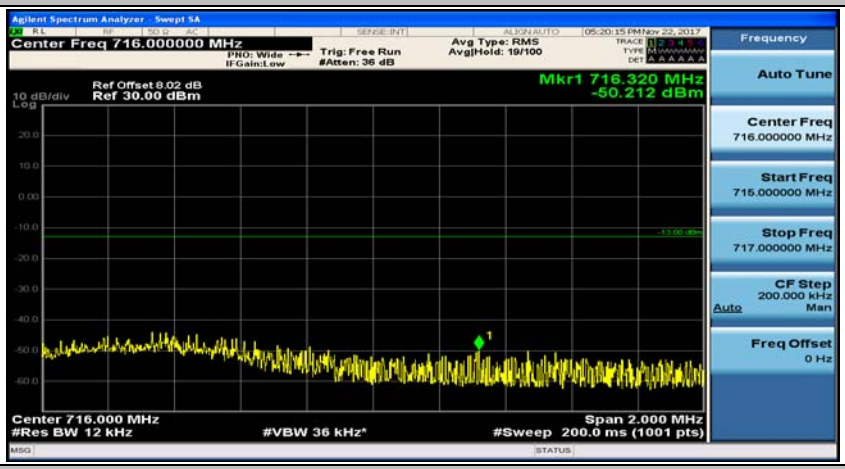
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



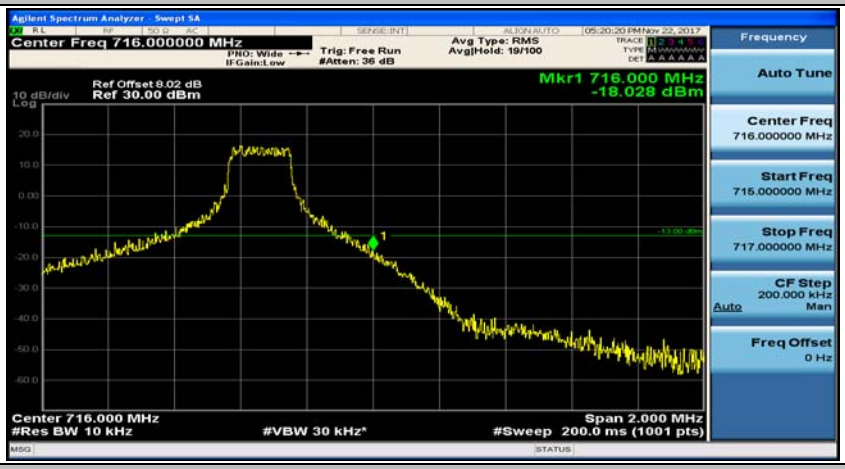
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

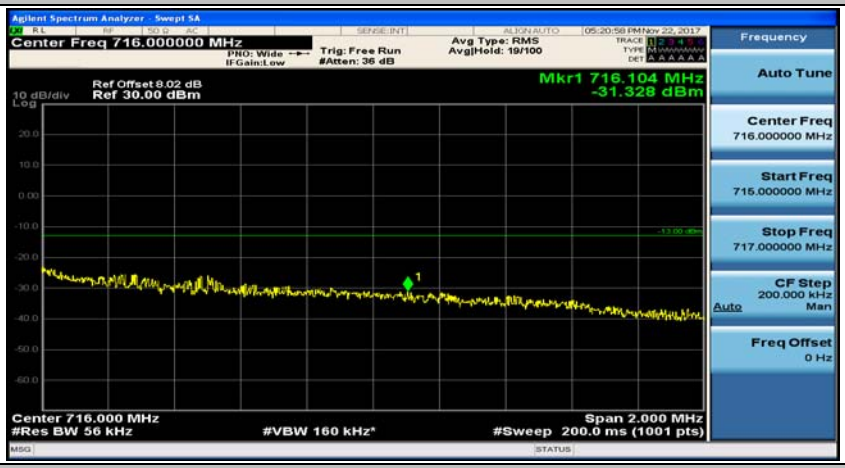


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0

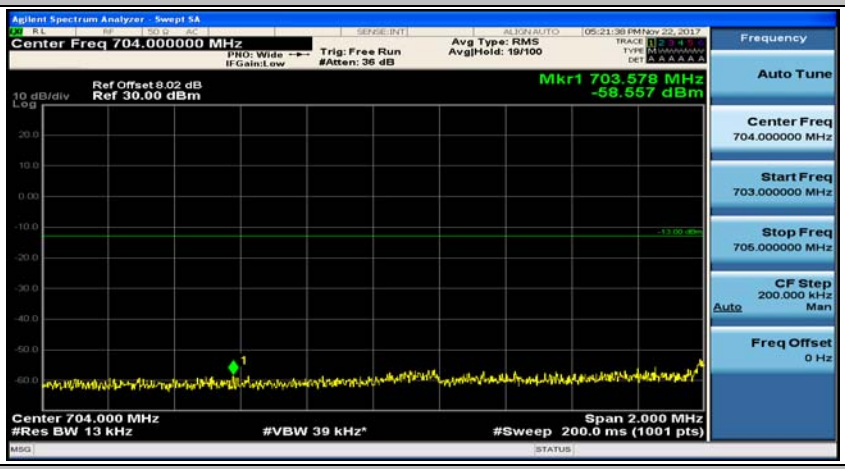
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



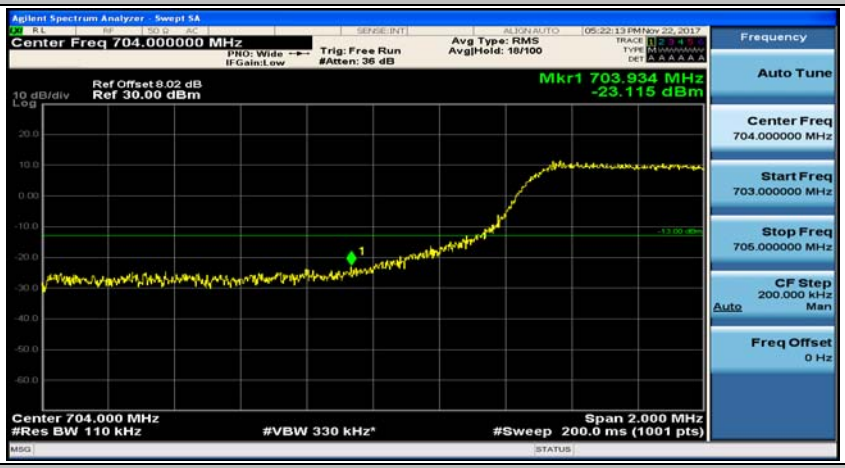
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

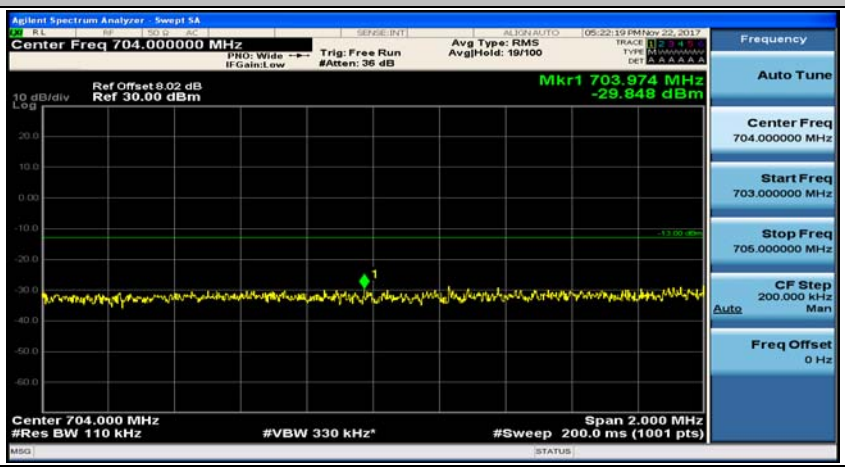
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz_LCH_QPSK_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_LCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25