

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	23.75	PASS
		1	12	23.73	PASS
		1	24	23.68	PASS
		12	0	22.64	PASS
		12	6	22.78	PASS
		12	13	22.78	PASS
		25	0	22.71	PASS
	MCH	1	0	23.77	PASS
		1	12	23.71	PASS
		1	24	23.77	PASS
		12	0	22.81	PASS
		12	6	22.79	PASS
		12	13	22.76	PASS
		25	0	22.75	PASS
	HCH	1	0	23.67	PASS
		1	12	23.75	PASS
		1	24	23.75	PASS
		12	0	22.77	PASS
		12	6	22.76	PASS
		12	13	22.82	PASS
		25	0	22.68	PASS
16QAM	LCH	1	0	22.94	PASS
		1	12	23.11	PASS
		1	24	23.09	PASS
		12	0	21.81	PASS
		12	6	21.91	PASS
		12	13	21.94	PASS
		25	0	21.74	PASS
	MCH	1	0	22.81	PASS
		1	12	22.87	PASS
		1	24	22.63	PASS
		12	0	21.81	PASS
		12	6	21.77	PASS

		12	13	21.76	PASS
		25	0	21.75	PASS
	HCH	1	0	22.78	PASS
		1	12	22.79	PASS
		1	24	22.80	PASS
		12	0	21.78	PASS
		12	6	21.75	PASS
		12	13	21.81	PASS
		25	0	21.77	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.53	PASS
		1	24	23.74	PASS
		1	49	23.69	PASS
		25	0	22.75	PASS
		25	12	22.77	PASS
		25	25	22.73	PASS
		50	0	22.73	PASS
	MCH	1	0	23.59	PASS
		1	24	23.84	PASS
		1	49	23.41	PASS
		25	0	22.89	PASS
		25	12	22.77	PASS
		25	25	22.73	PASS
		50	0	22.73	PASS
	HCH	1	0	23.72	PASS
		1	24	23.68	PASS
		1	49	23.75	PASS
		25	0	22.75	PASS
		25	12	22.76	PASS
		25	25	22.71	PASS
		50	0	22.76	PASS
16QAM	LCH	1	0	22.84	PASS
		1	24	23.05	PASS
		1	49	22.83	PASS
		25	0	21.75	PASS
		25	12	21.75	PASS
		25	25	21.73	PASS
		50	0	21.74	PASS
	MCH	1	0	22.86	PASS

		1	24	23.00	PASS
		1	49	22.80	PASS
		25	0	21.78	PASS
		25	12	21.73	PASS
		25	25	21.74	PASS
		50	0	21.75	PASS
	HCH	1	0	23.08	PASS
		1	24	23.06	PASS
		1	49	23.04	PASS
		25	0	21.76	PASS
		25	12	21.76	PASS
		25	25	21.76	PASS
		50	0	21.79	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	2.92	<13	PASS
		1	12	3.8	<13	PASS
		1	24	4.54	<13	PASS
		12	0	4.49	<13	PASS
		12	6	4.82	<13	PASS
		12	13	5.34	<13	PASS
		25	0	5.34	<13	PASS
	MCH	1	0	4.53	<13	PASS
		1	12	4.41	<13	PASS
		1	24	3.2	<13	PASS
		12	0	5.45	<13	PASS
		12	6	5.23	<13	PASS
		12	13	4.81	<13	PASS
		25	0	5.28	<13	PASS
	HCH	1	0	3.75	<13	PASS
		1	12	2.83	<13	PASS
		1	24	3.29	<13	PASS
		12	0	4.34	<13	PASS
		12	6	3.78	<13	PASS
		12	13	4.05	<13	PASS
		25	0	4.77	<13	PASS
16QAM	LCH	1	0	3.78	<13	PASS
		1	12	4.63	<13	PASS
		1	24	5.54	<13	PASS
		12	0	5.28	<13	PASS
		12	6	5.66	<13	PASS
		12	13	6.13	<13	PASS
		25	0	6.11	<13	PASS
	MCH	1	0	5.19	<13	PASS
		1	12	5.1	<13	PASS
		1	24	3.99	<13	PASS
		12	0	6.39	<13	PASS
		12	6	6.27	<13	PASS

		12	13	5.77	<13	PASS
		25	0	6.12	<13	PASS
	HCH	1	0	4.74	<13	PASS
		1	12	3.78	<13	PASS
		1	24	4.31	<13	PASS
		12	0	5.18	<13	PASS
		12	6	4.69	<13	PASS
		12	13	4.88	<13	PASS
		25	0	5.54	<13	PASS

Channel Bandwidth: 10 MHz

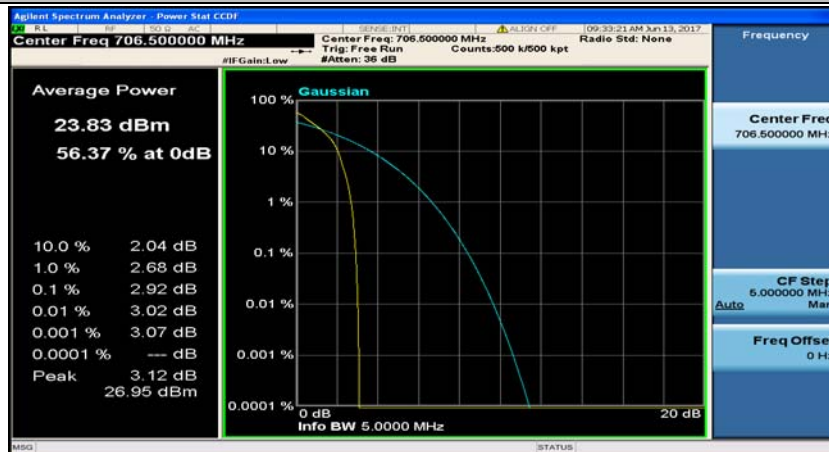
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.05	<13	PASS
		1	24	4.69	<13	PASS
		1	49	2.8	<13	PASS
		25	0	5.14	<13	PASS
		25	12	5.35	<13	PASS
		25	25	4.82	<13	PASS
		50	0	5.04	<13	PASS
	MCH	1	0	3.31	<13	PASS
		1	24	4.45	<13	PASS
		1	49	3.04	<13	PASS
		25	0	5.31	<13	PASS
		25	12	5.11	<13	PASS
		25	25	4.62	<13	PASS
		50	0	4.86	<13	PASS
	HCH	1	0	3.72	<13	PASS
		1	24	3.9	<13	PASS
		1	49	3.12	<13	PASS
		25	0	5.31	<13	PASS
		25	12	4.83	<13	PASS
		25	25	4.46	<13	PASS
		50	0	4.85	<13	PASS
16QAM	LCH	1	0	3.89	<13	PASS
		1	24	5.57	<13	PASS
		1	49	3.75	<13	PASS
		25	0	5.97	<13	PASS
		25	12	6.21	<13	PASS
		25	25	5.73	<13	PASS

		50	0	5.91	<13	PASS
	MCH	1	0	4.19	<13	PASS
		1	24	5.42	<13	PASS
		1	49	3.83	<13	PASS
		25	0	6.13	<13	PASS
		25	12	6.04	<13	PASS
		25	25	5.47	<13	PASS
		50	0	5.82	<13	PASS
	HCH	1	0	4.61	<13	PASS
		1	24	4.84	<13	PASS
		1	49	3.97	<13	PASS
		25	0	6.19	<13	PASS
		25	12	5.75	<13	PASS
		25	25	5.3	<13	PASS
		50	0	5.81	<13	PASS

Test Graphs

Channel Bandwidth: 5 MHz

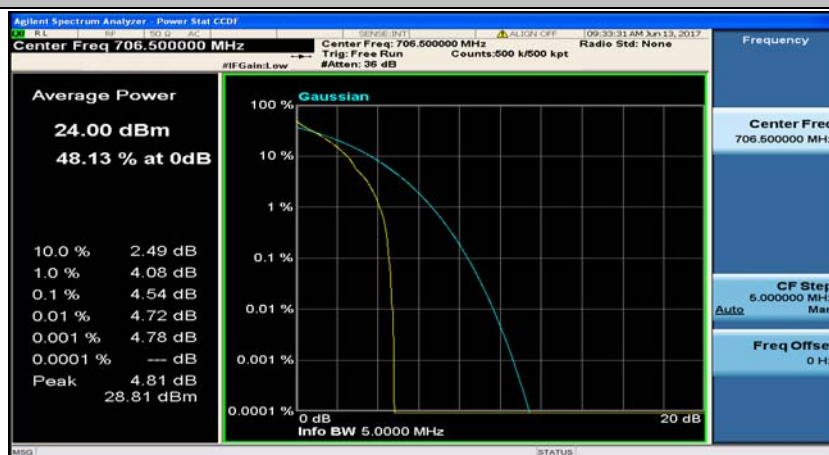
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(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



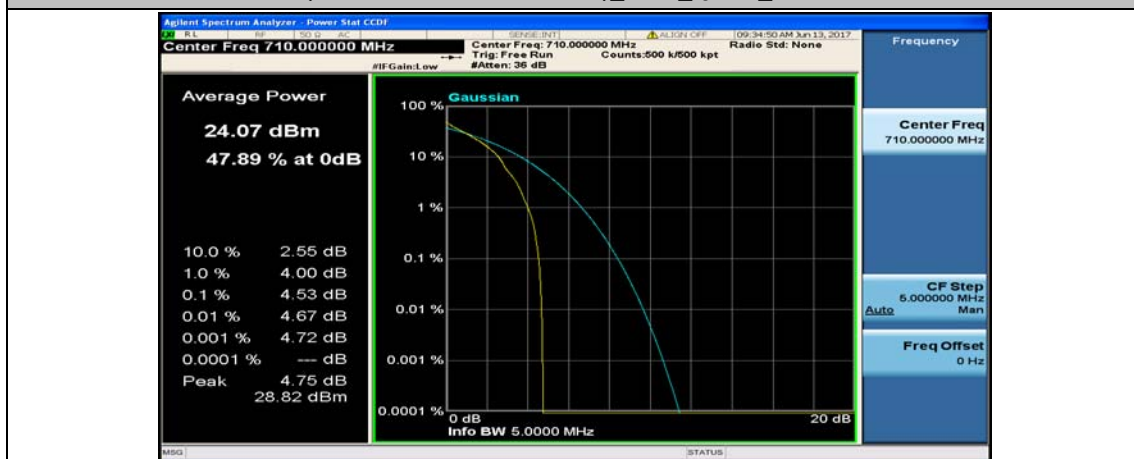
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



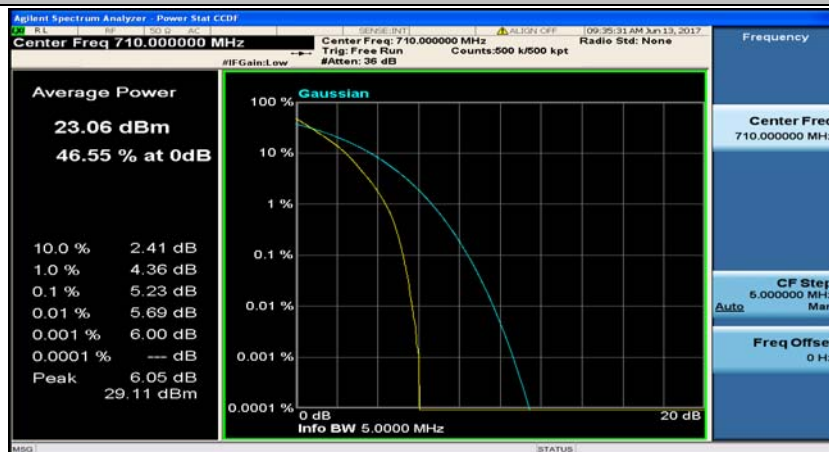
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



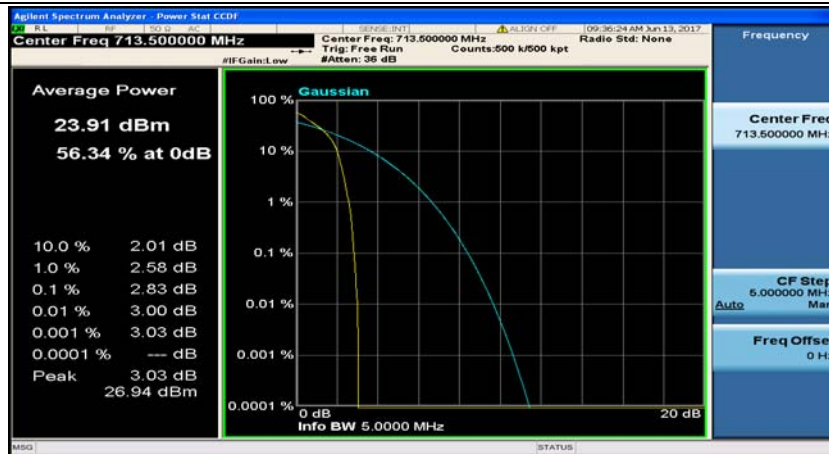
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



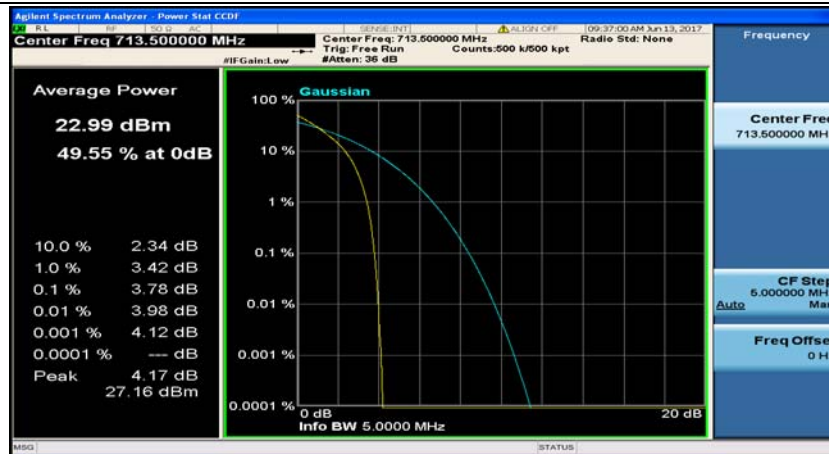
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(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



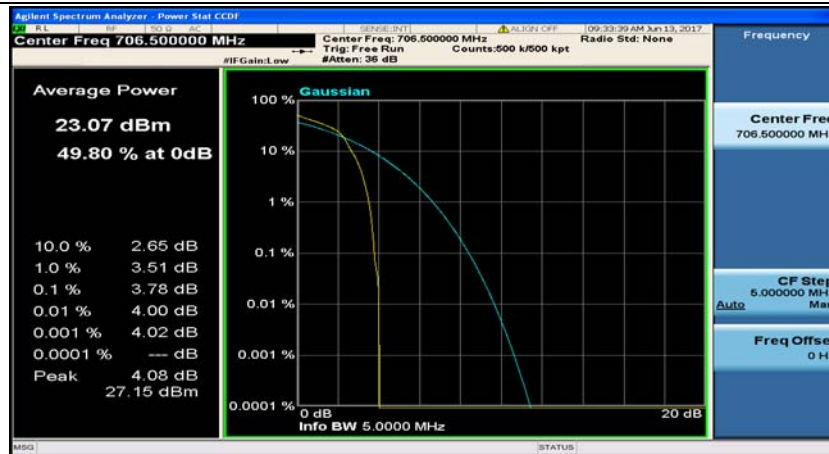
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



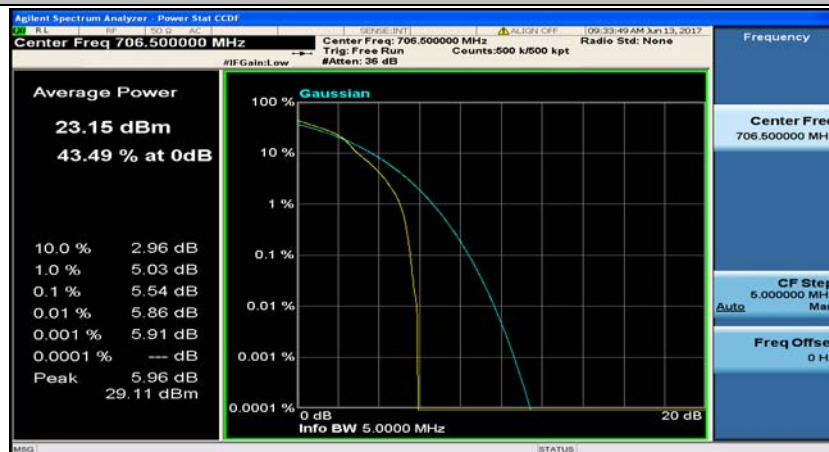
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



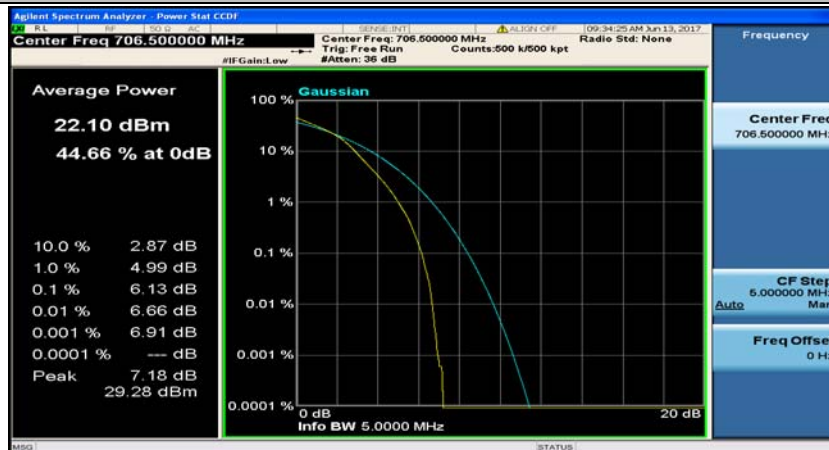
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



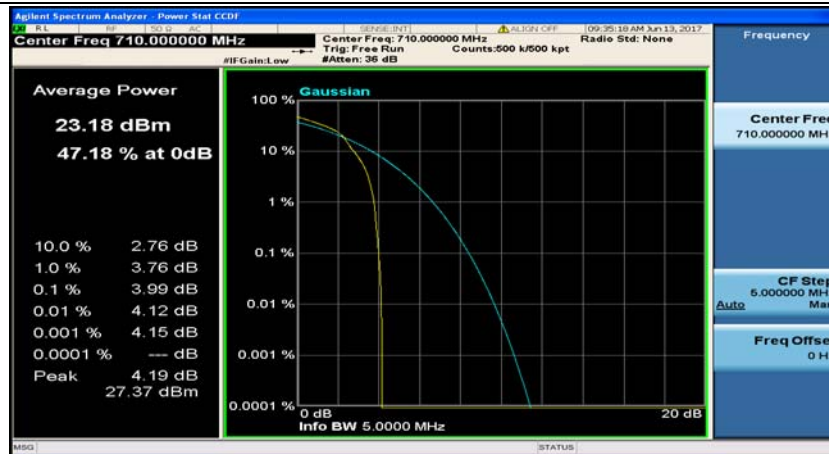
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



(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



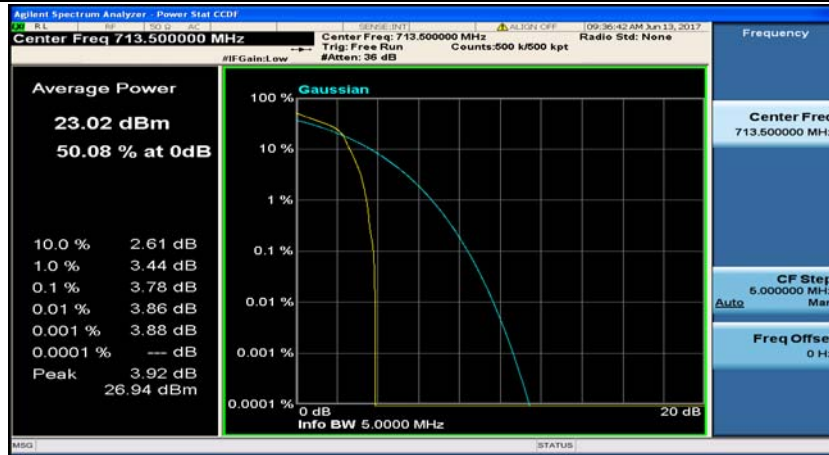
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



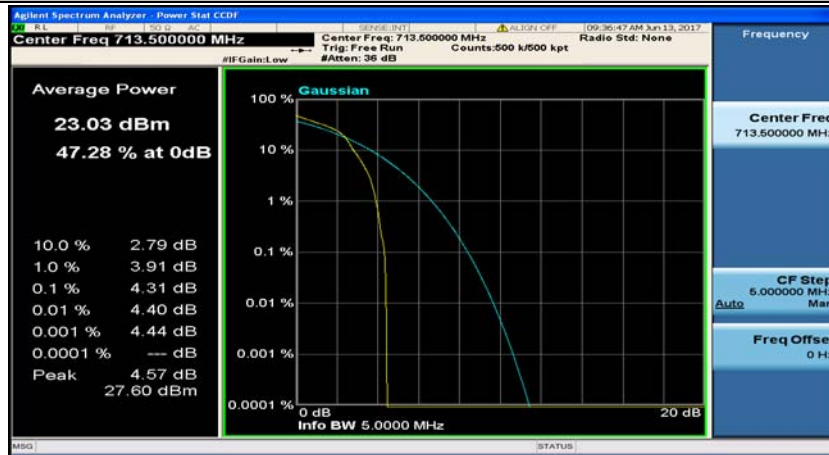
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



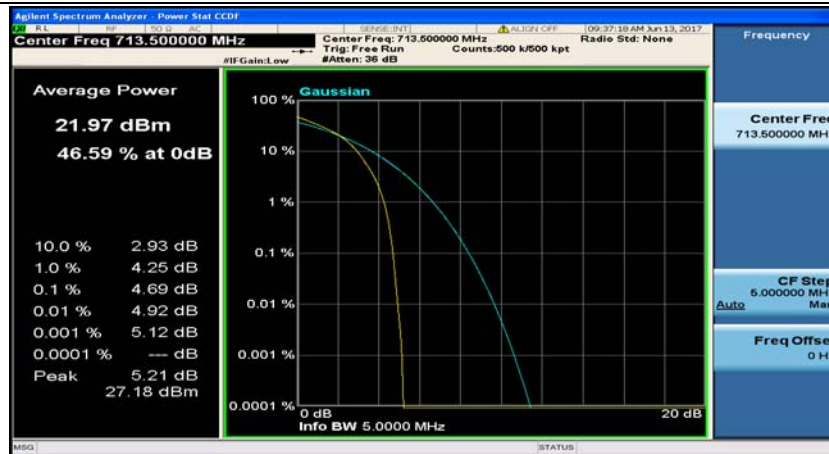
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



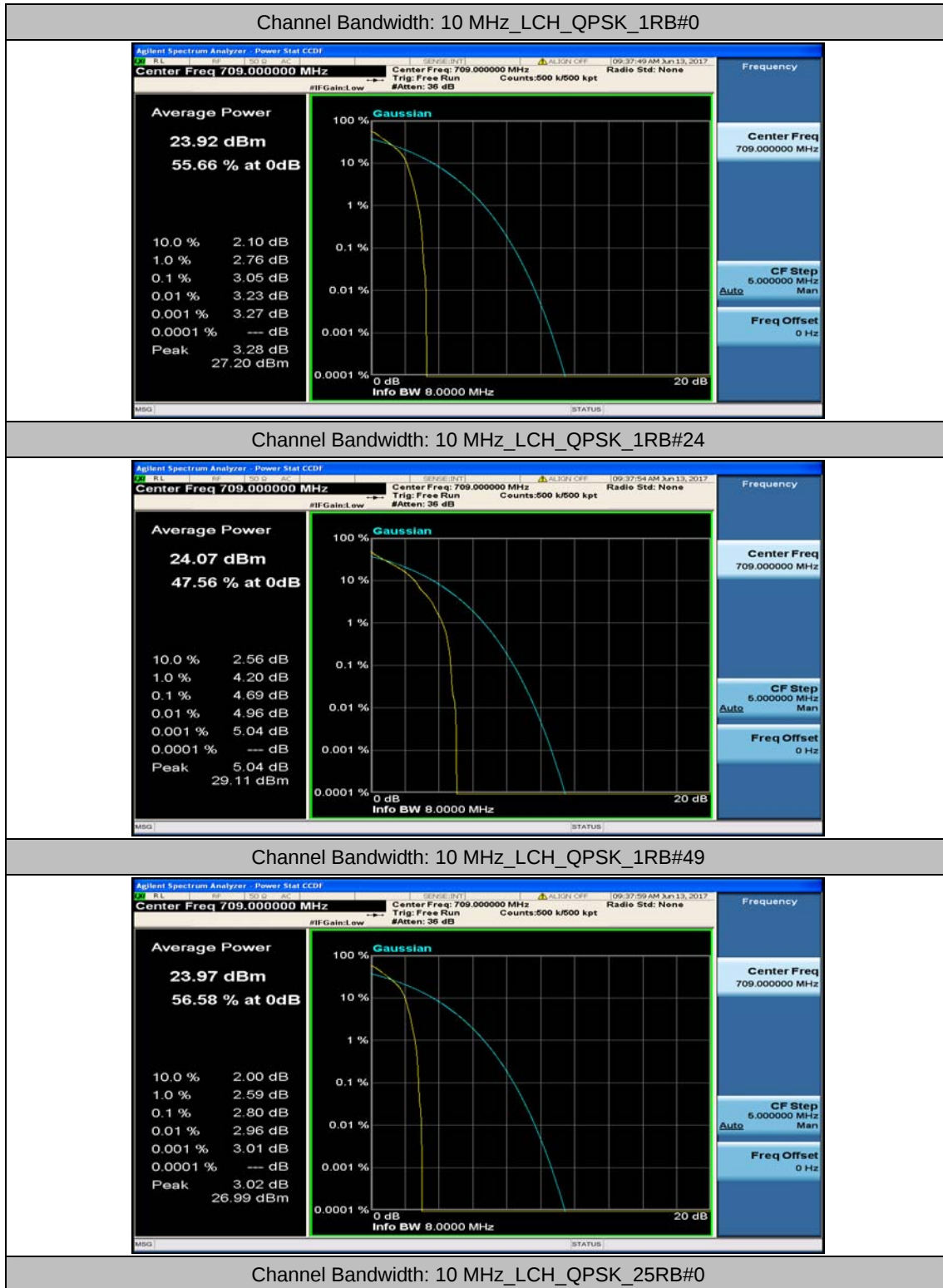
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz





Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12



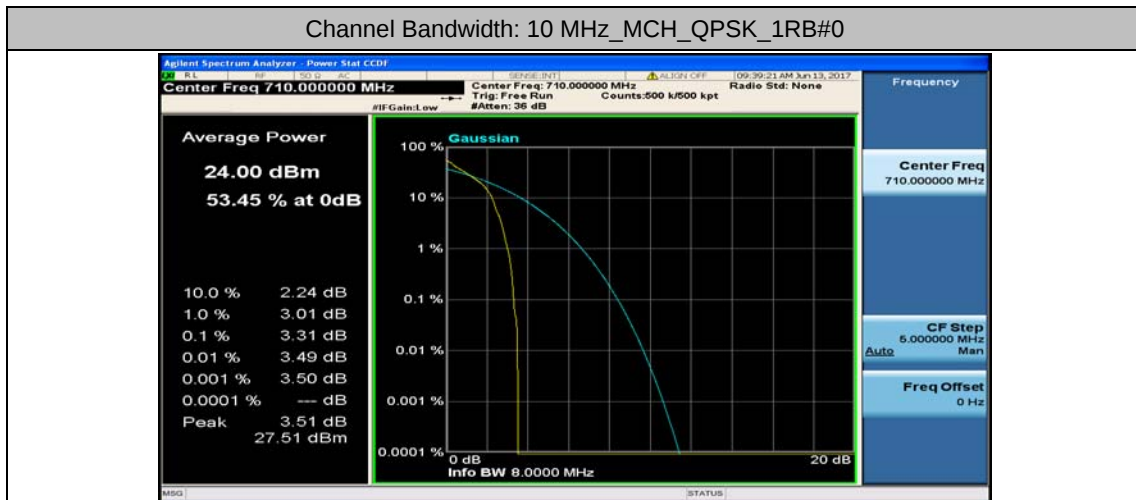
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25



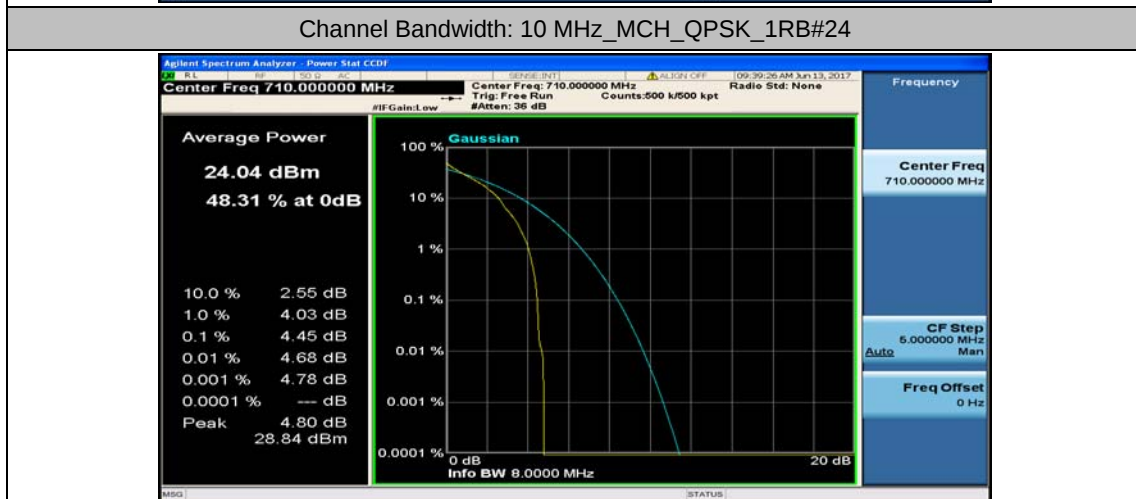
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



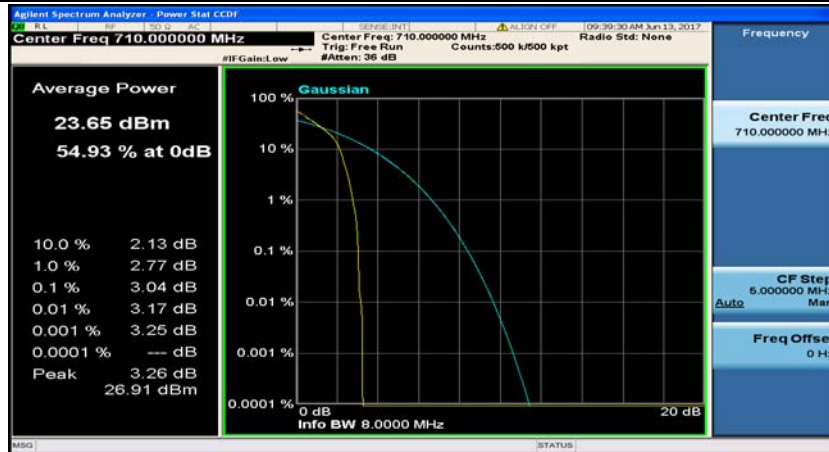
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49



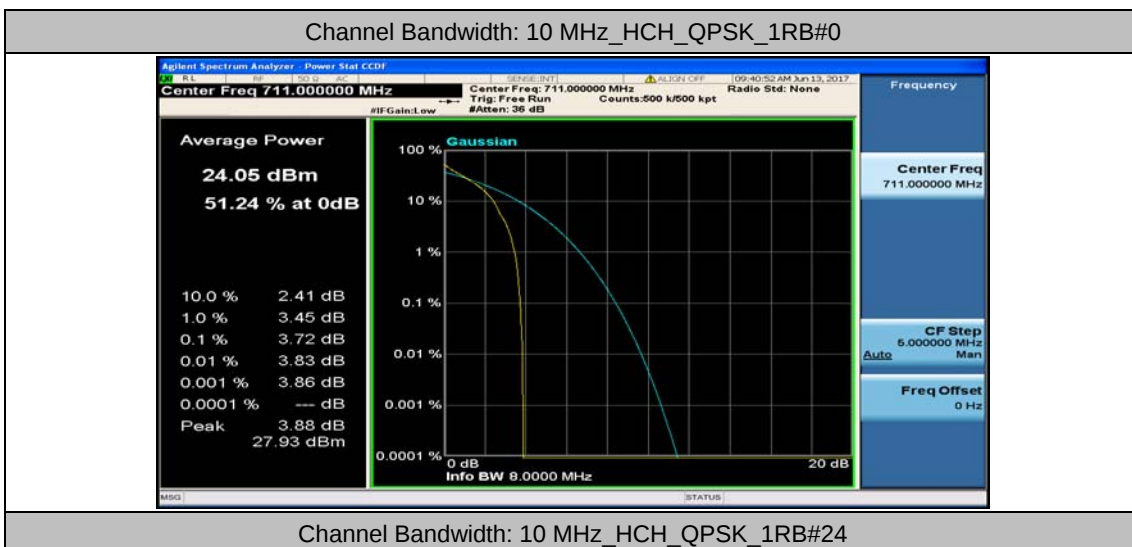
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0

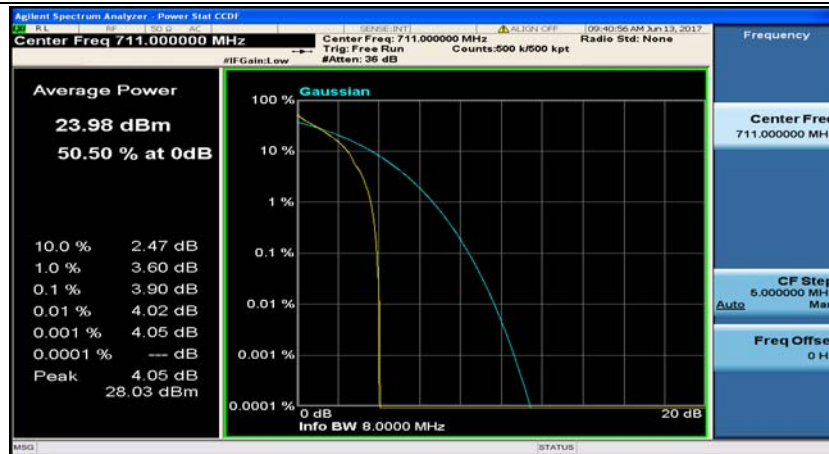


Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25





Channel Bandwidth: 10 MHz_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_MCH_16QAM_1RB#0

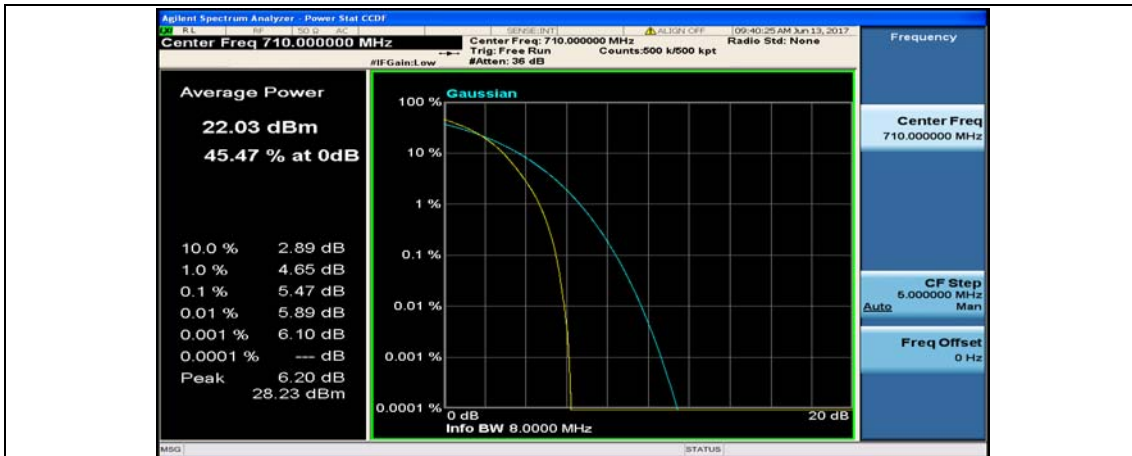


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

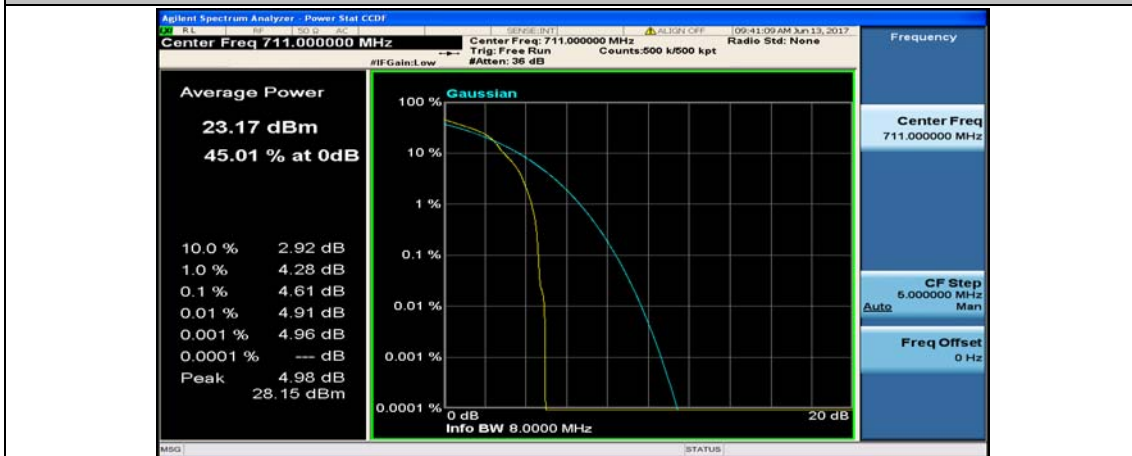




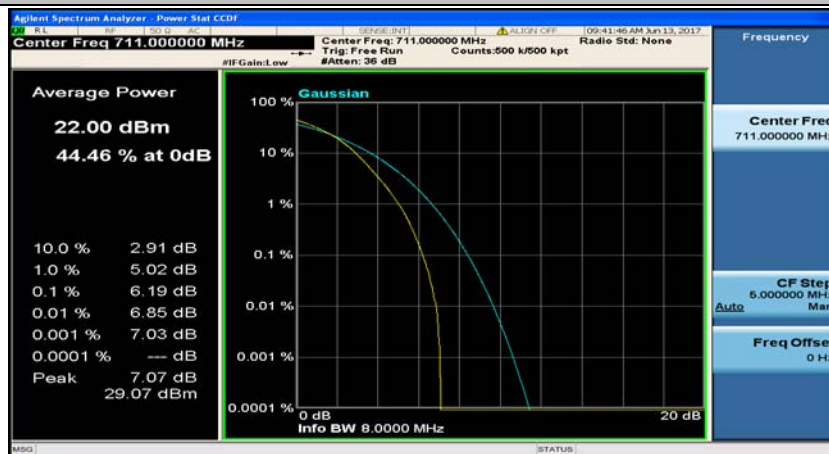
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0

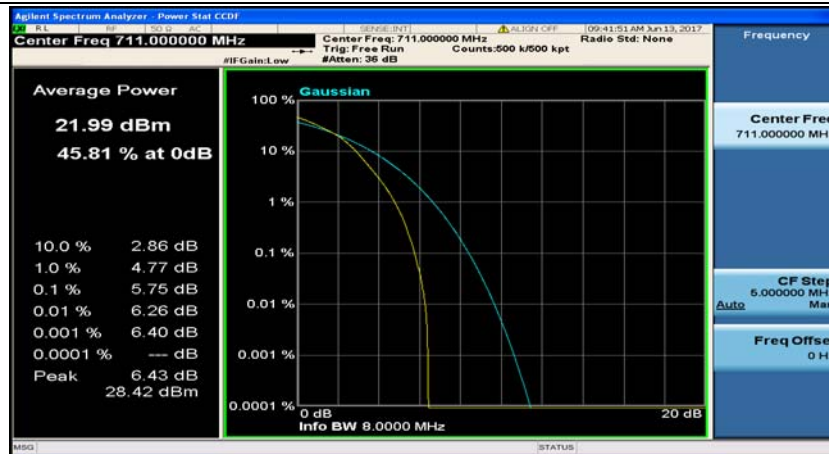


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



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	4.4955	4.862	PASS
	MCH	25	0	4.4697	4.746	PASS
	HCH	25	0	4.4794	4.777	PASS
16QAM	LCH	25	0	4.4912	4.779	PASS
	MCH	25	0	4.4729	4.814	PASS
	HCH	25	0	4.4777	4.740	PASS

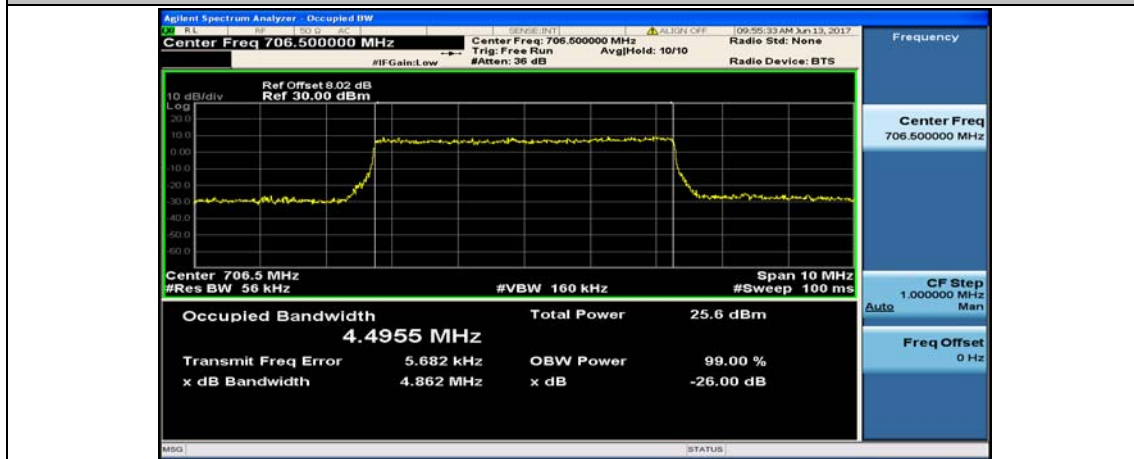
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9064	9.380	PASS
	MCH	50	0	8.8986	9.344	PASS
	HCH	50	0	8.8671	9.289	PASS
16QAM	LCH	50	0	8.9094	9.375	PASS
	MCH	50	0	8.8957	9.379	PASS
	HCH	50	0	8.8897	9.353	PASS

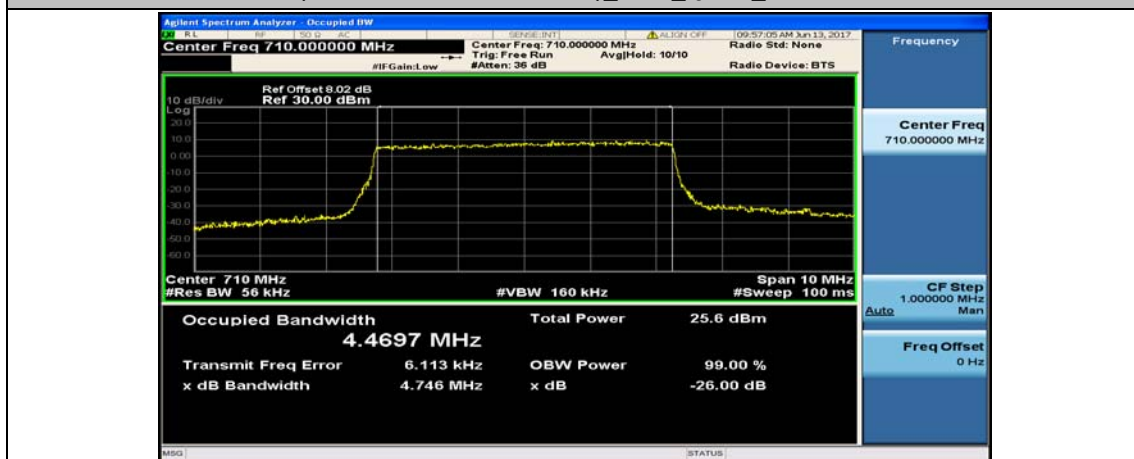
Test Graphs

Channel Bandwidth: 5 MHz

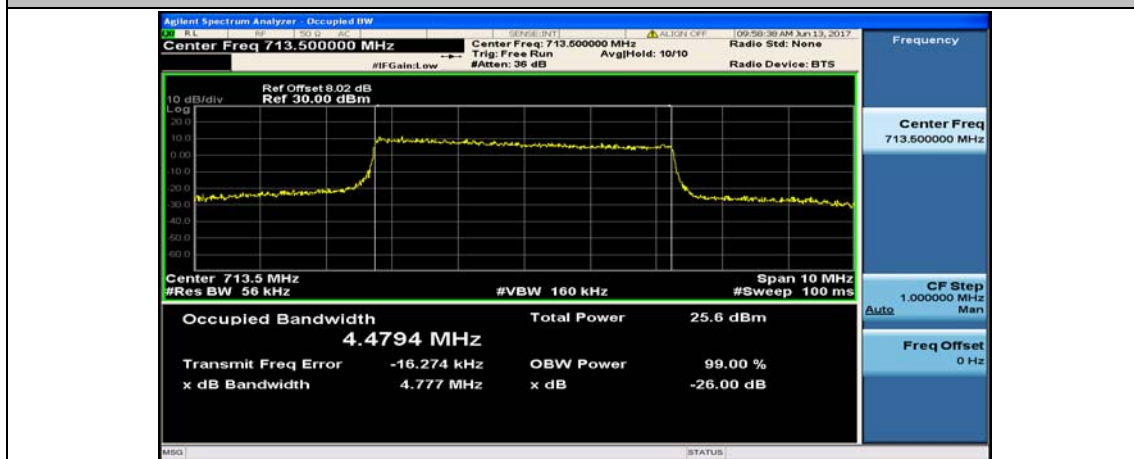
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



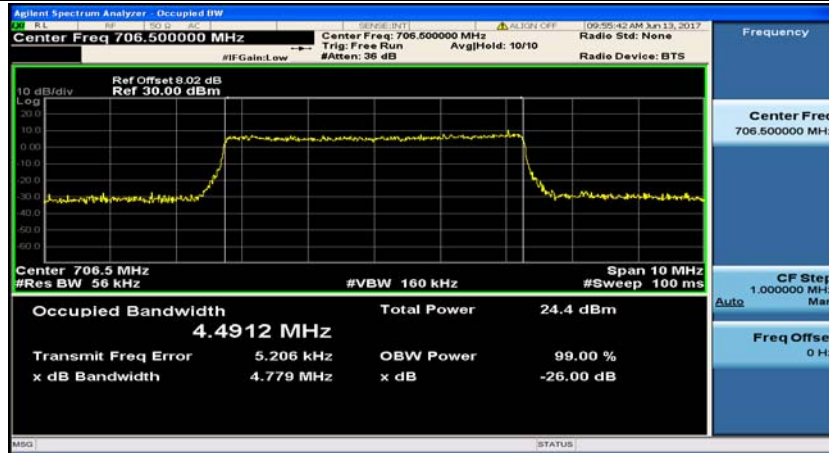
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



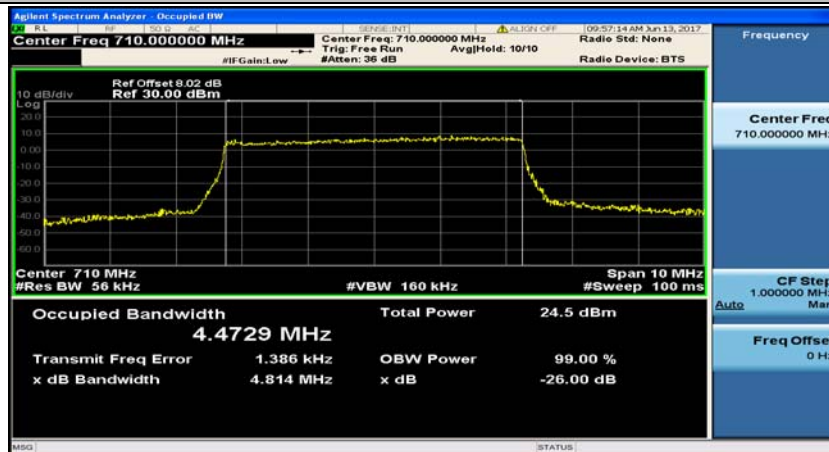
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



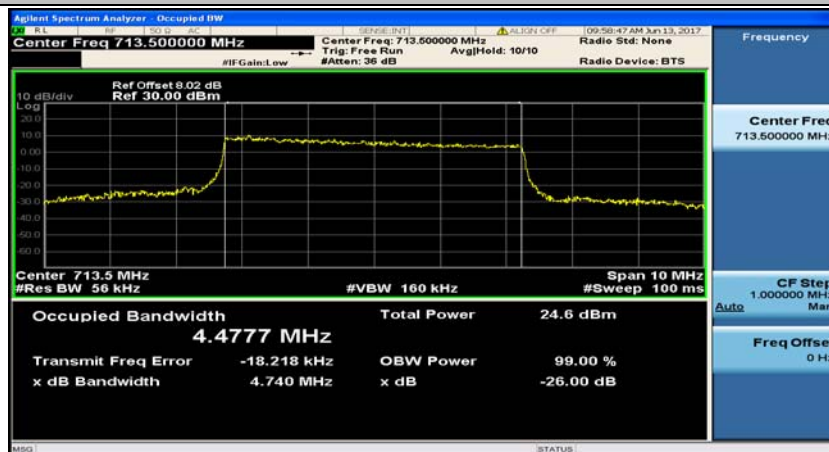
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

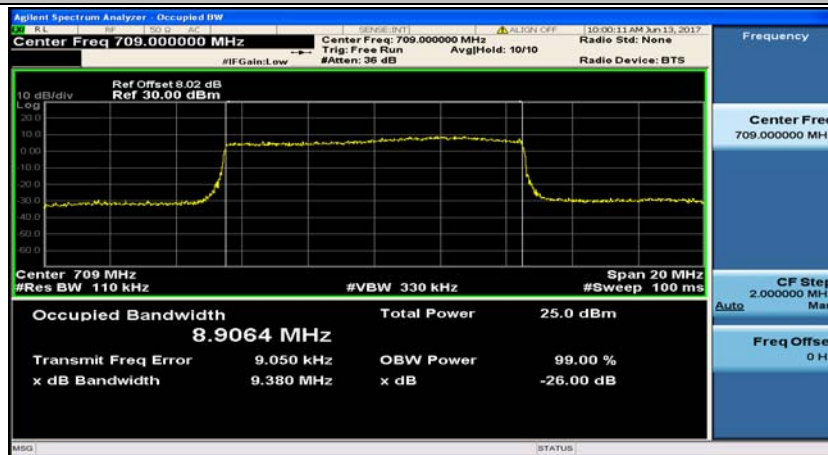


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

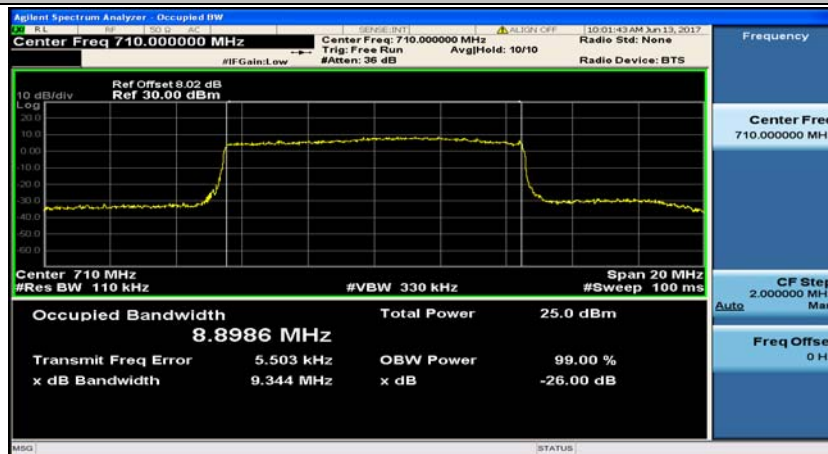


Channel Bandwidth: 10 MHz

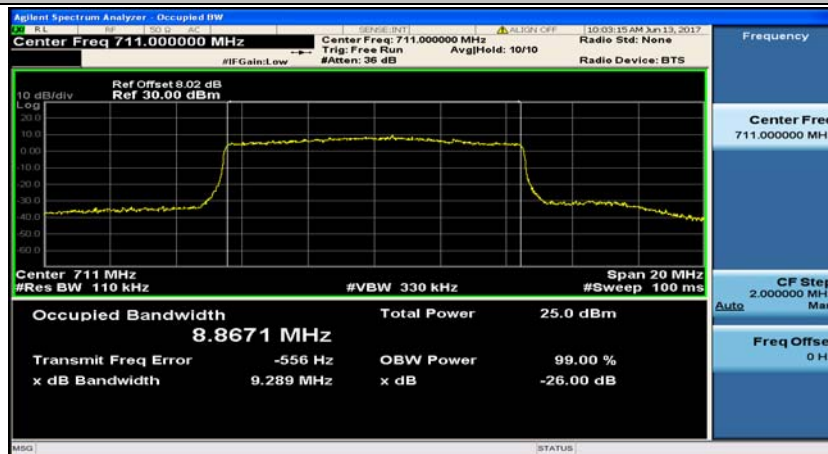
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



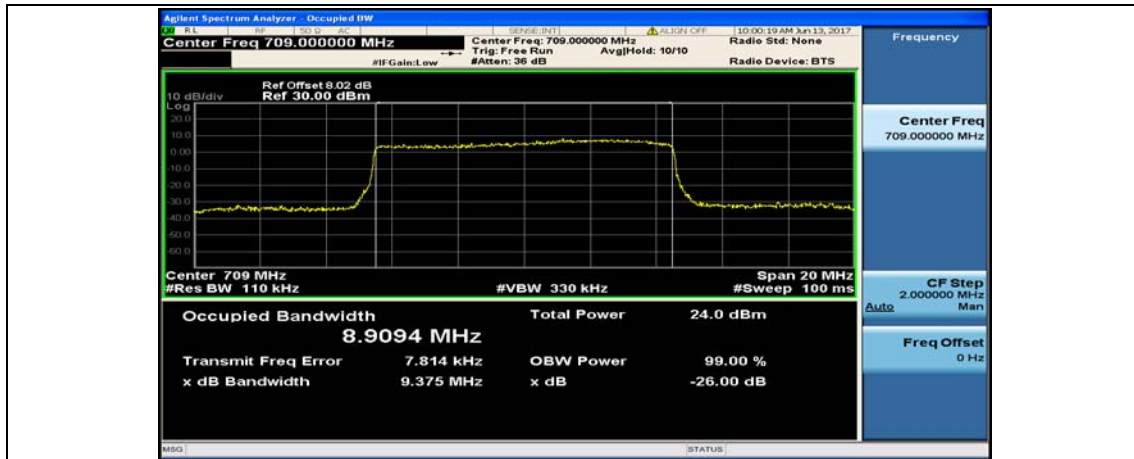
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



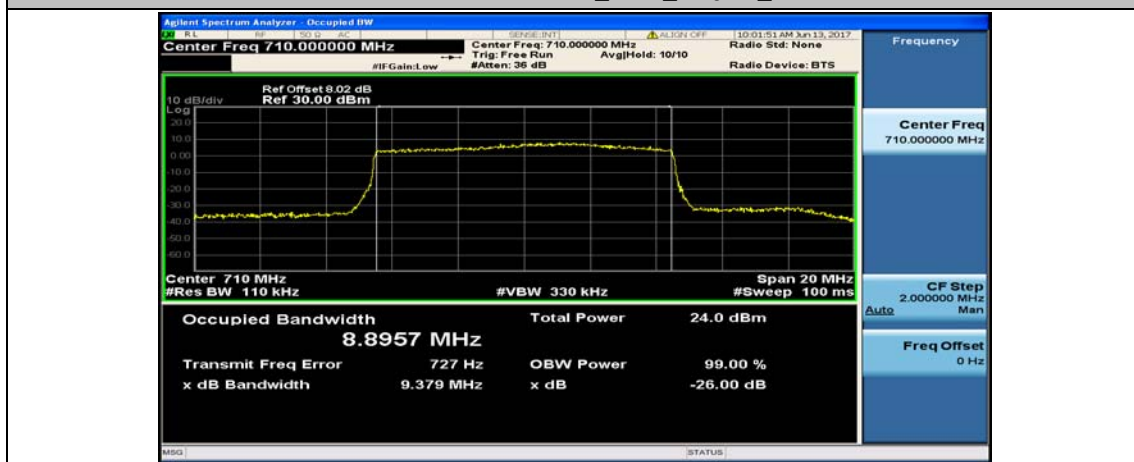
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



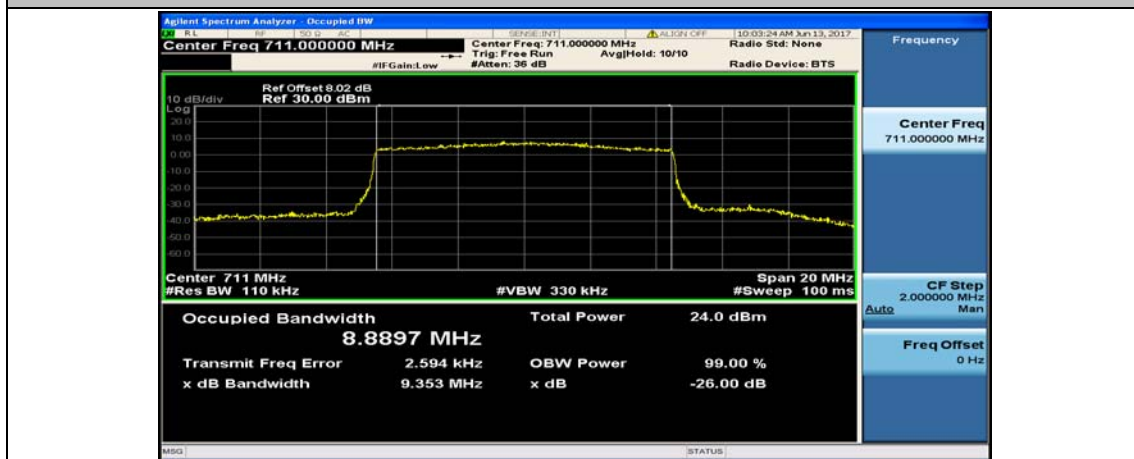
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

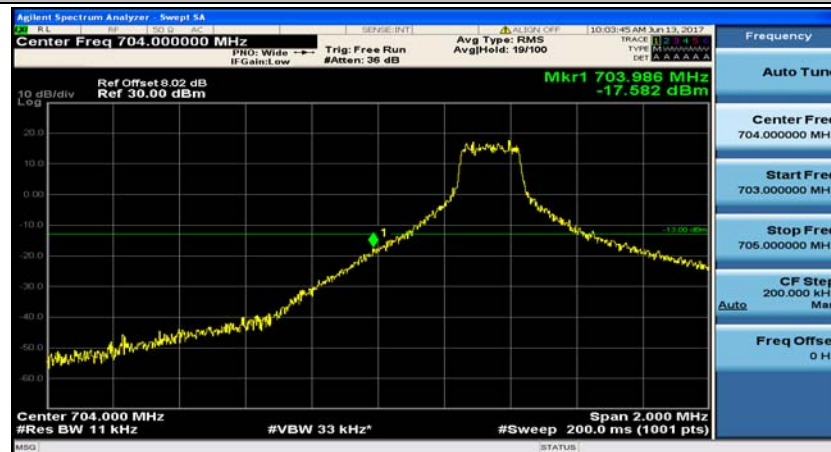


Appendix D: Band Edge

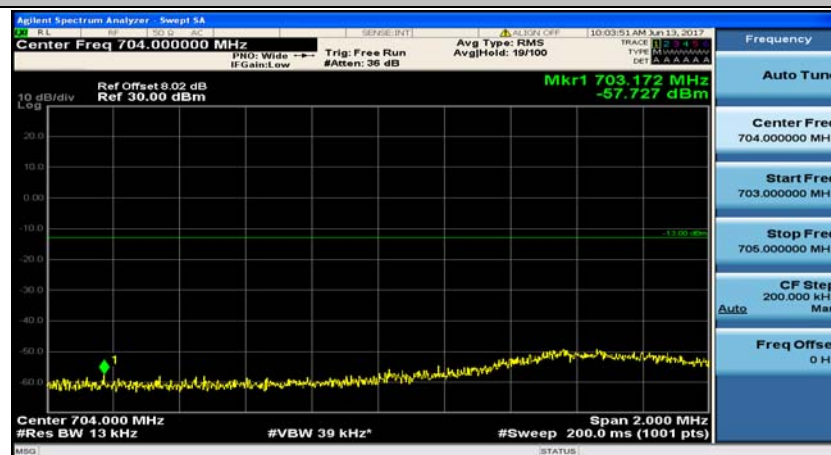
Test Graphs

Channel Bandwidth: 5 MHz

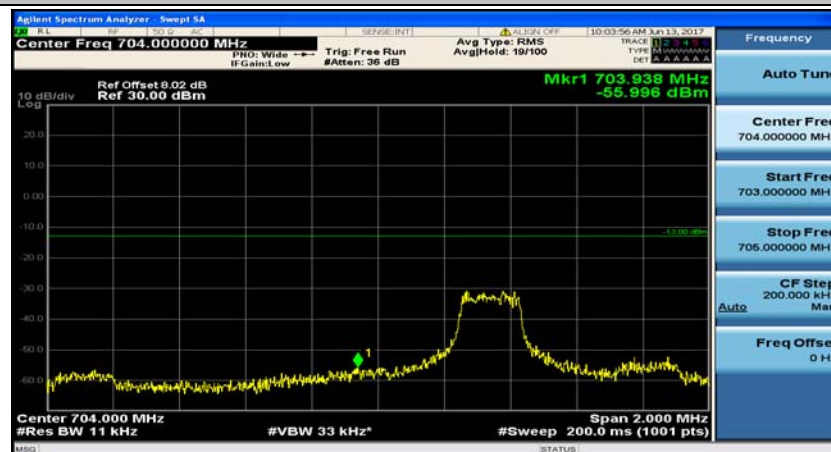
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



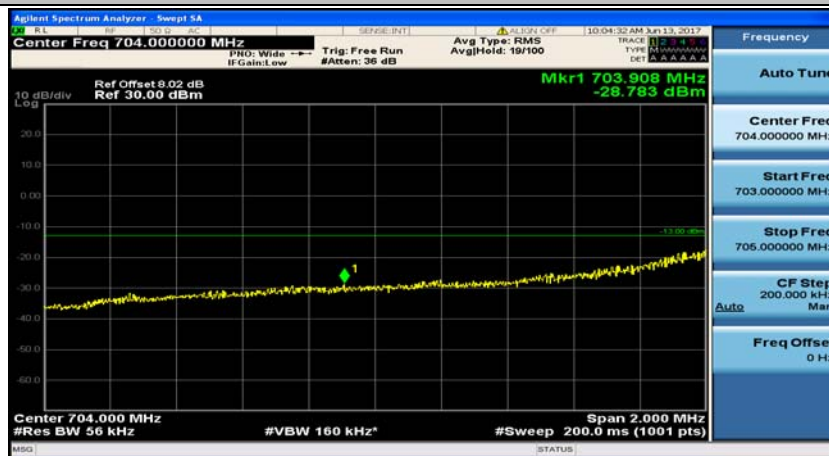
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



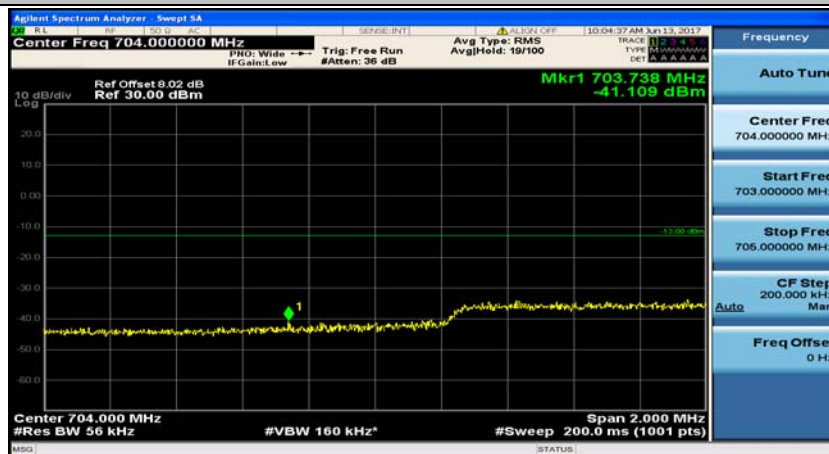
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



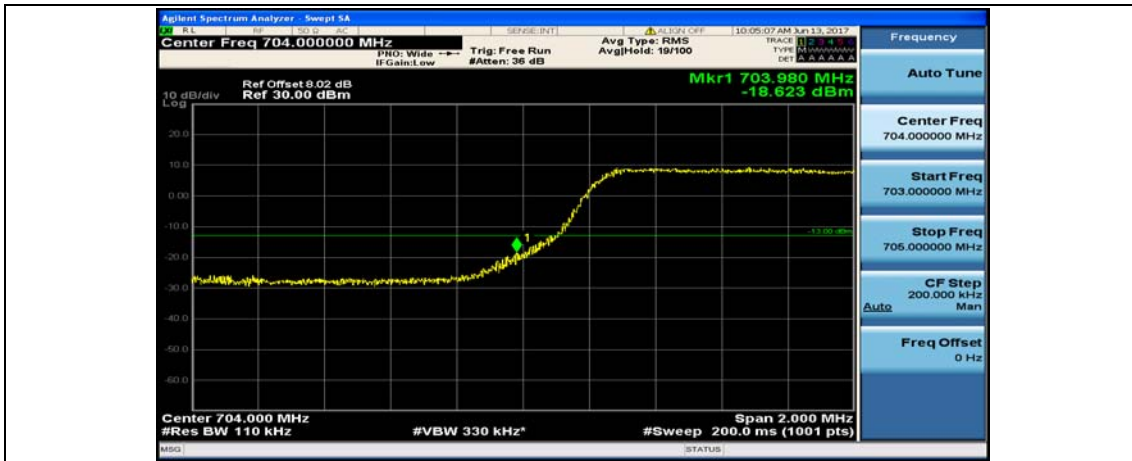
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



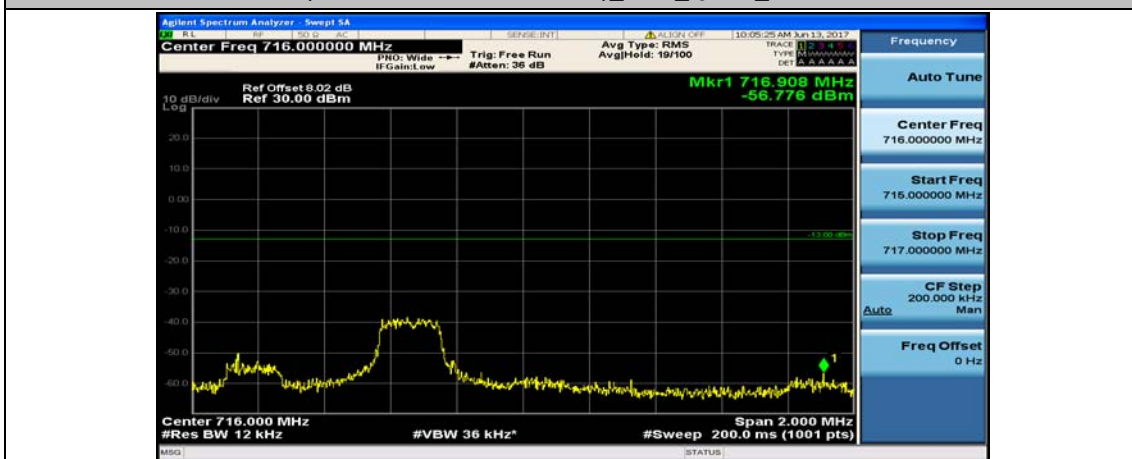
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



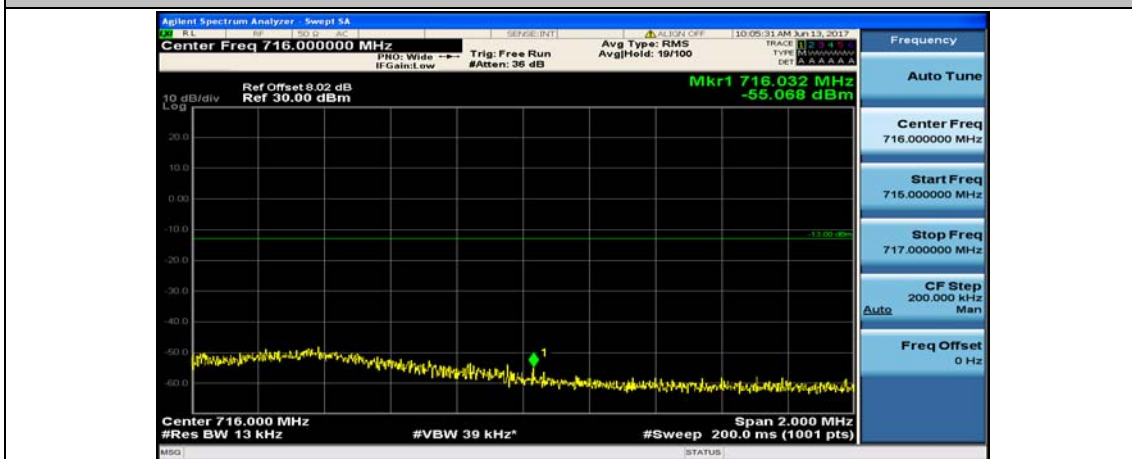
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



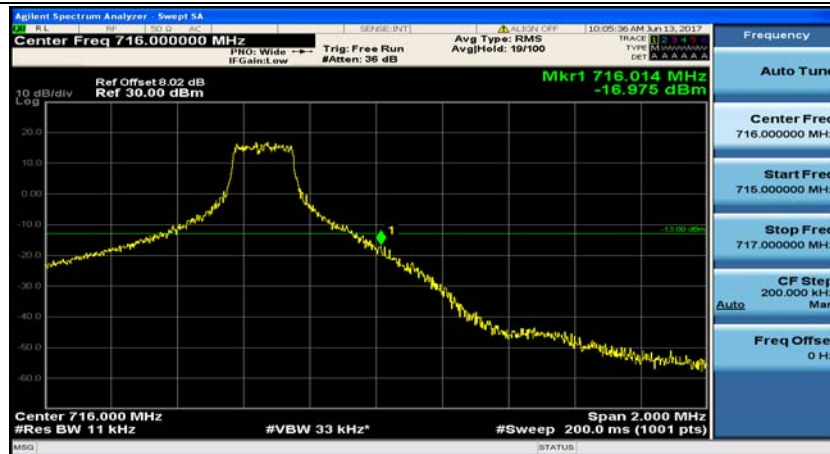
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



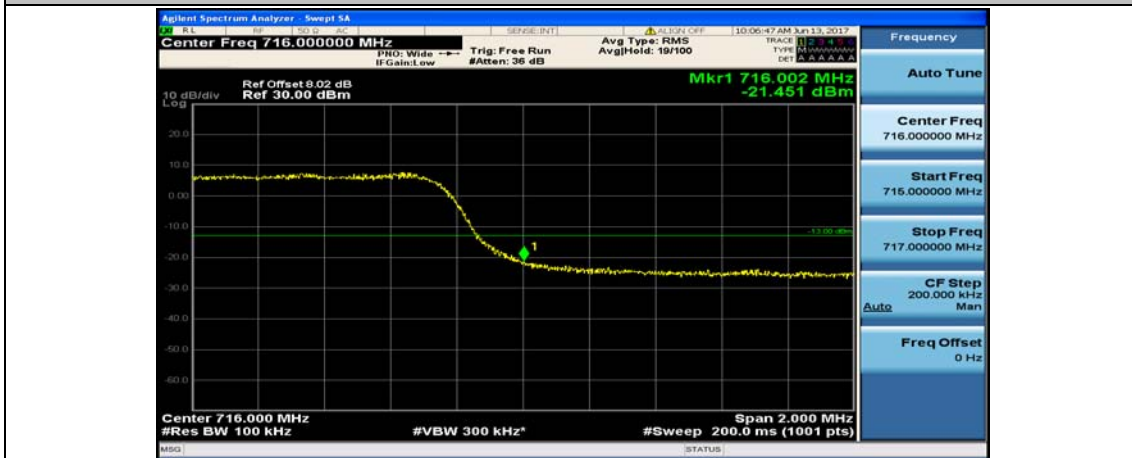
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



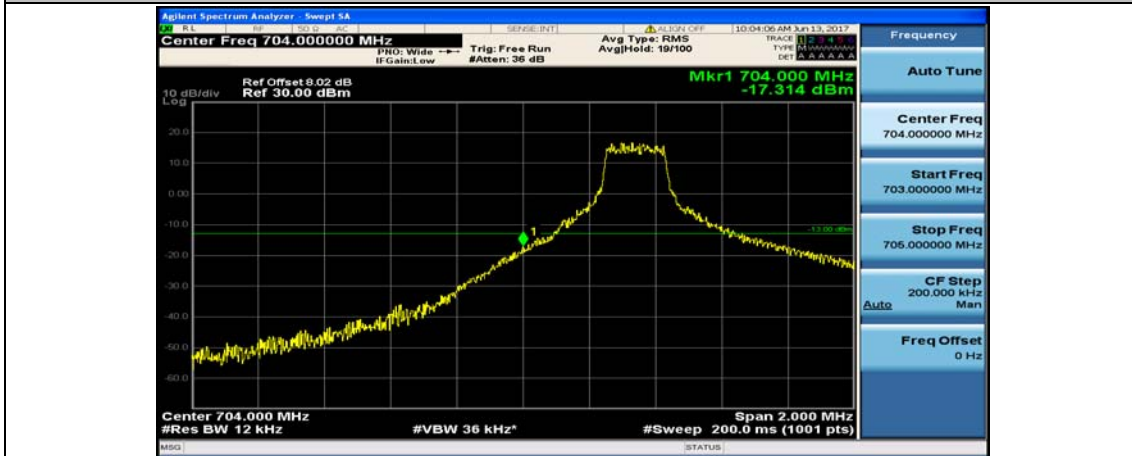
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



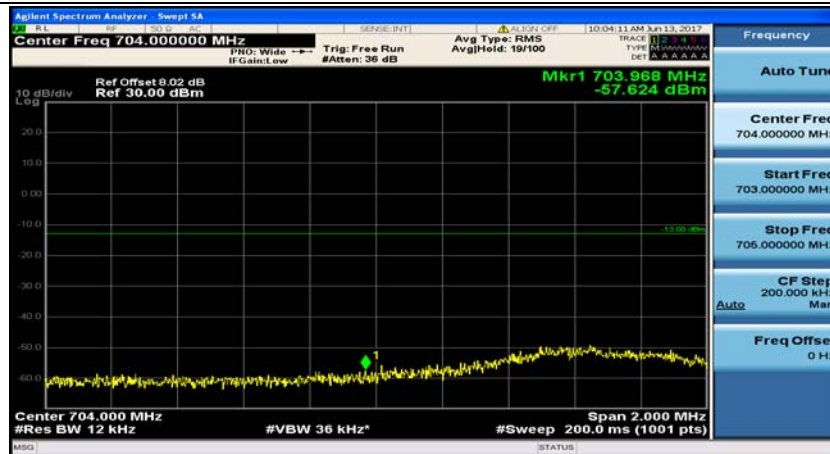
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



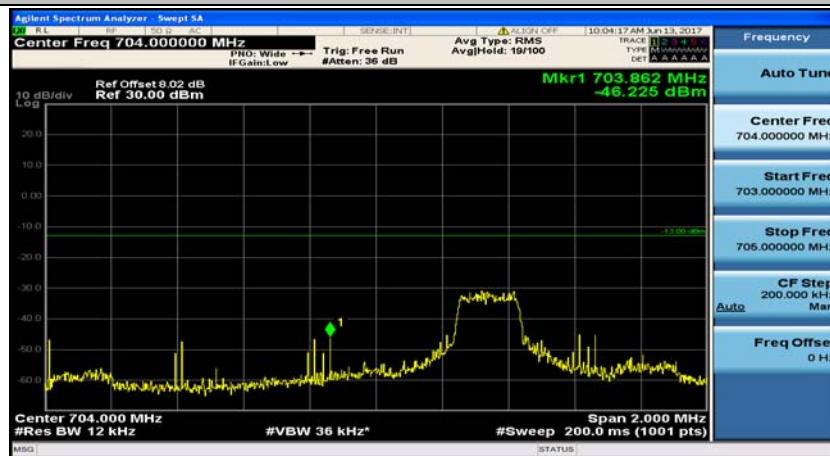
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



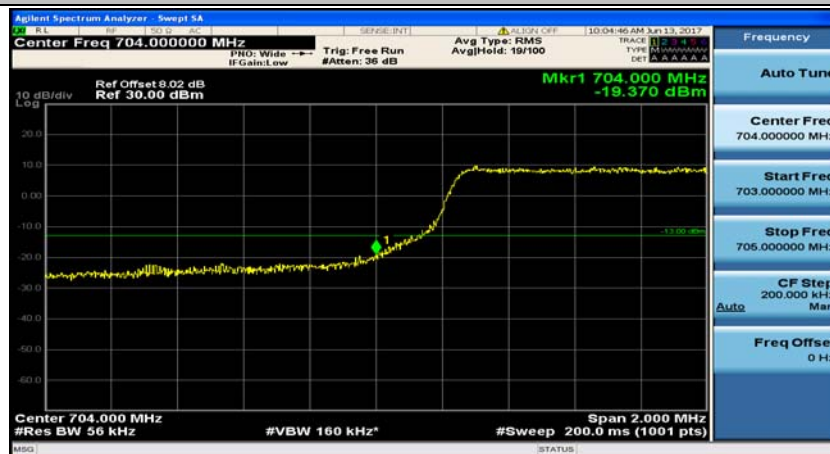
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



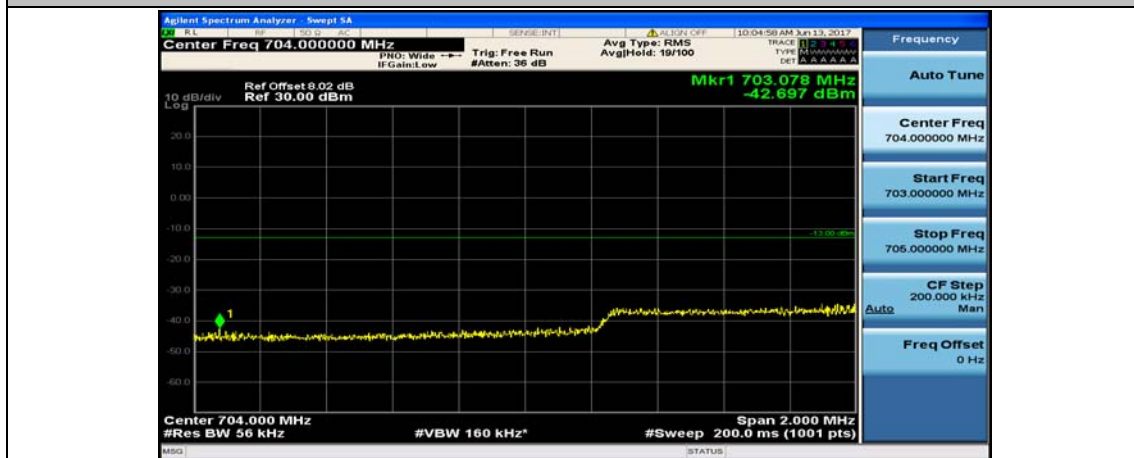
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



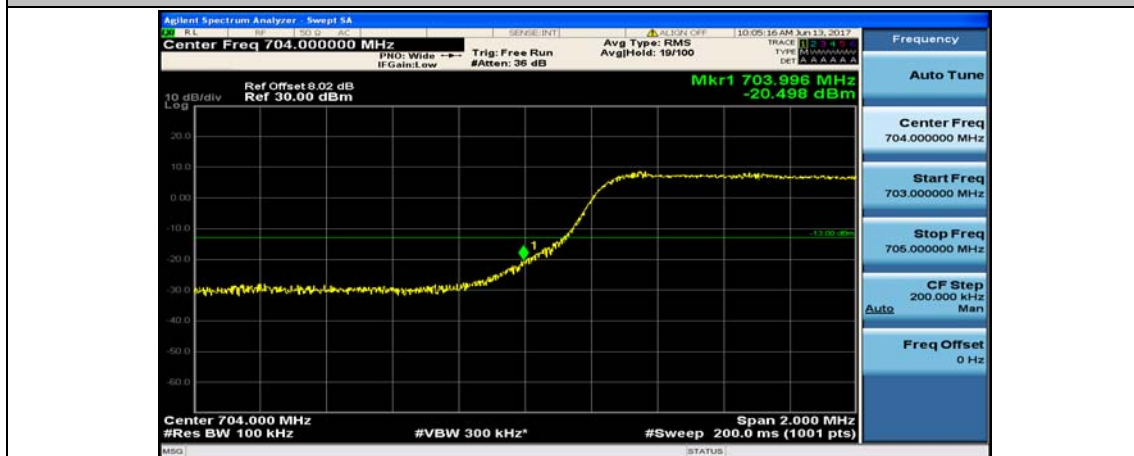
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



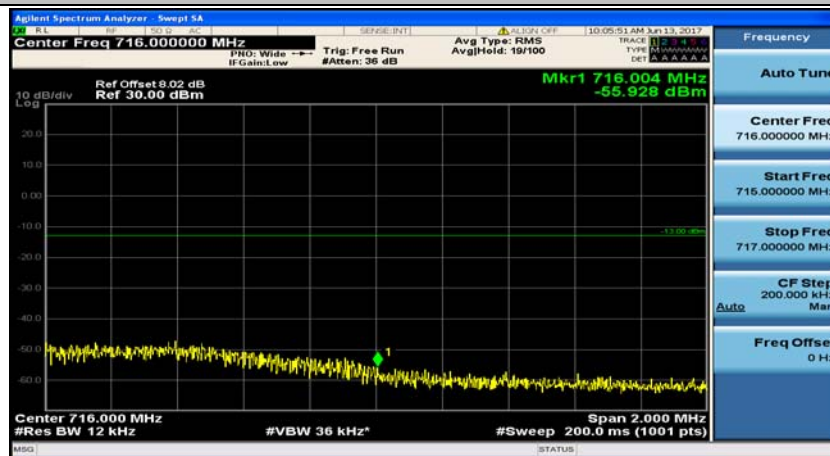
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



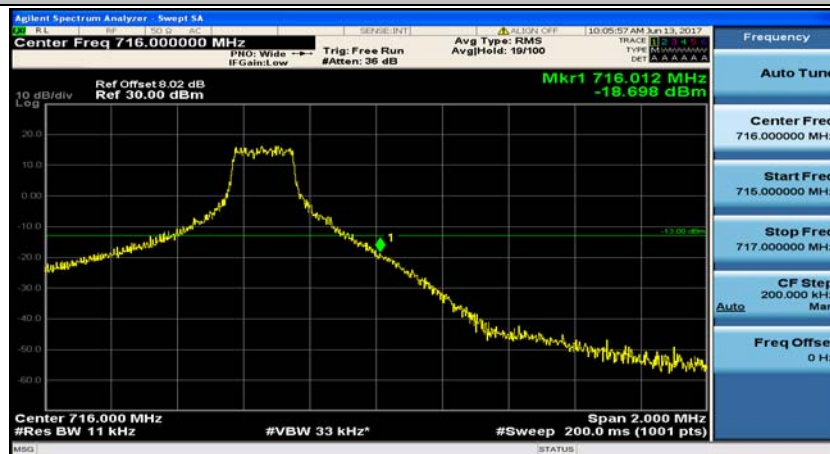
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



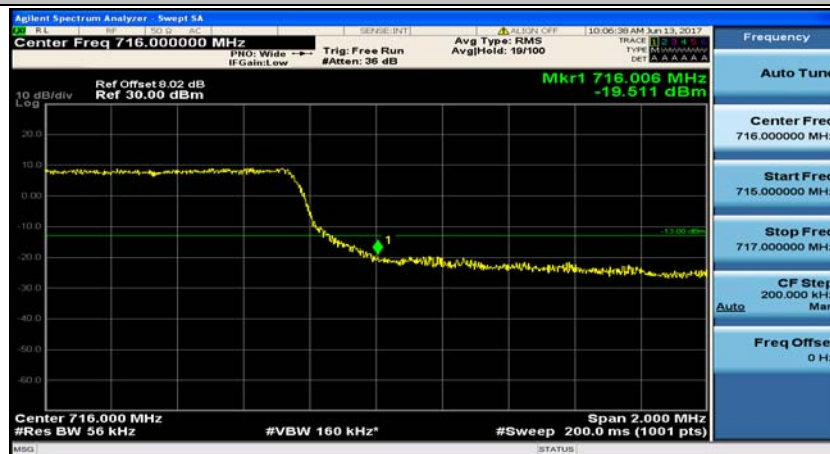
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



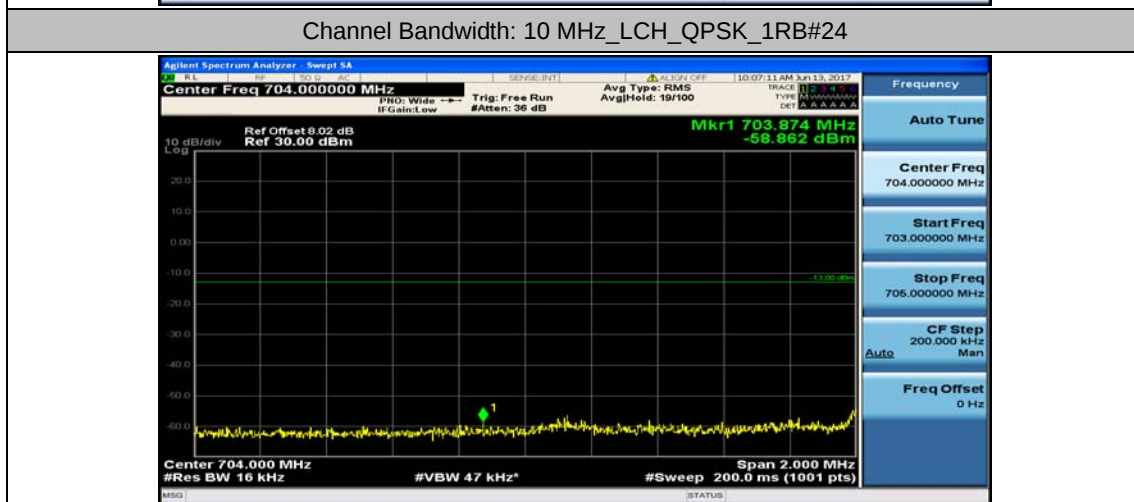
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz

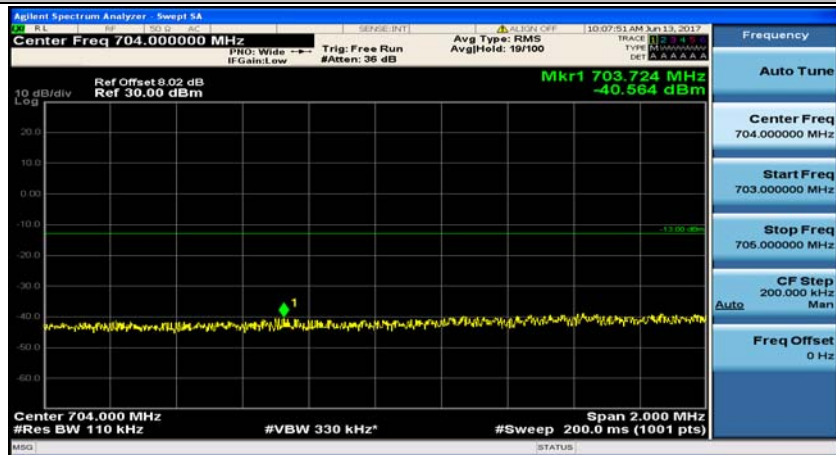




Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25



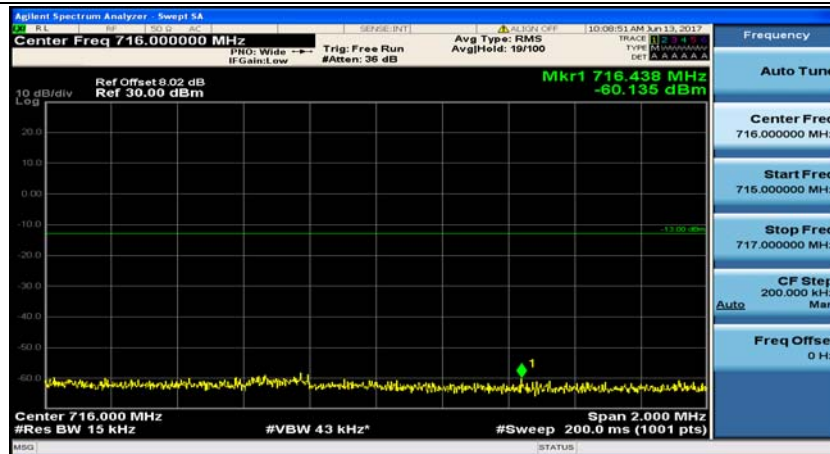
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0



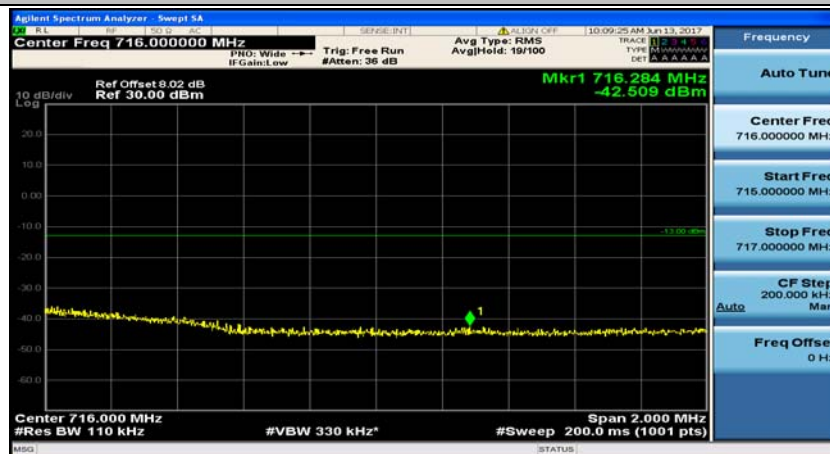
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24



Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12