

Appendix for Band 17

Appendix A: Conducted Output Power Data

Test Result

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.53	/	PASS
		1	12	23.70	/	PASS
		1	24	23.96	/	PASS
		12	0	22.40	/	PASS
		12	6	22.83	/	PASS
		12	13	22.96	/	PASS
		25	0	22.90	/	PASS
	MCH	1	0	23.89	/	PASS
		1	12	23.20	/	PASS
		1	24	23.23	/	PASS
		12	0	23.00	/	PASS
		12	6	23.03	/	PASS
		12	13	23.14	/	PASS
		25	0	23.00	/	PASS
	HCH	1	0	23.31	/	PASS
		1	12	23.25	/	PASS
		1	24	23.77	/	PASS
		12	0	23.18	/	PASS
		12	6	23.18	/	PASS
		12	13	22.50	/	PASS
		25	0	23.15	/	PASS
16QAM	LCH	1	0	22.62	/	PASS
		1	12	22.82	/	PASS
		1	24	23.06	/	PASS
		12	0	21.42	/	PASS
		12	6	21.84	/	PASS
		12	13	22.03	/	PASS
		25	0	21.91	/	PASS
	MCH	1	0	23.20	/	PASS
		1	12	23.33	/	PASS
		1	24	23.51	/	PASS

		12	0	22.13	/	PASS
		12	6	22.16	/	PASS
		12	13	22.27	/	PASS
		25	0	22.03	/	PASS
	HCH	1	0	23.10	/	PASS
		1	12	23.17	/	PASS
		1	24	22.80	/	PASS
		12	0	22.28	/	PASS
		12	6	22.24	/	PASS
		12	13	21.56	/	PASS
		25	0	22.23	/	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.50	/	PASS
		1	24	23.92	/	PASS
		1	49	24.07	/	PASS
		25	0	22.87	/	PASS
		25	12	22.96	/	PASS
		25	25	23.24	/	PASS
		50	0	22.99	/	PASS
	MCH	1	0	23.71	/	PASS
		1	24	23.87	/	PASS
		1	49	23.64	/	PASS
		25	0	22.95	/	PASS
		25	12	22.98	/	PASS
		25	25	23.08	/	PASS
		50	0	23.04	/	PASS
	HCH	1	0	23.85	/	PASS
		1	24	24.01	/	PASS
		1	49	23.53	/	PASS
		25	0	22.97	/	PASS
		25	12	23.04	/	PASS
		25	25	23.17	/	PASS
		50	0	23.09	/	PASS
16QAM	LCH	1	0	22.83	/	PASS
		1	24	23.14	/	PASS
		1	49	23.44	/	PASS
		25	0	21.86	/	PASS
		25	12	21.96	/	PASS

		25	25	22.09	/	PASS
		50	0	22.02	/	PASS
	MCH	1	0	23.03	/	PASS
		1	24	23.10	/	PASS
		1	49	22.97	/	PASS
		25	0	21.93	/	PASS
		25	12	21.99	/	PASS
		25	25	22.15	/	PASS
		50	0	22.05	/	PASS
		HCH	1	0	23.24	/
	1		24	23.38	/	PASS
	1		49	22.99	/	PASS
	25		0	22.01	/	PASS
	25		12	22.09	/	PASS
	25		25	22.25	/	PASS
50	0		22.14	/	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	5.37	<13	PASS
		1	12	5.38	<13	PASS
		1	24	5.32	<13	PASS
		12	0	6.38	<13	PASS
		12	6	6.3	<13	PASS
		12	13	6.31	<13	PASS
		25	0	6.36	<13	PASS
	MCH	1	0	4.16	<13	PASS
		1	12	4.14	<13	PASS
		1	24	4.15	<13	PASS
		12	0	5.19	<13	PASS
		12	6	5.12	<13	PASS
		12	13	5.21	<13	PASS
		25	0	5.37	<13	PASS
	HCH	1	0	4.06	<13	PASS
		1	12	4.2	<13	PASS
		1	24	4.04	<13	PASS
		12	0	5.27	<13	PASS
		12	6	5.28	<13	PASS
		12	13	5.3	<13	PASS
		25	0	5.56	<13	PASS
16QAM	LCH	1	0	6.25	<13	PASS
		1	12	6.18	<13	PASS
		1	24	6.23	<13	PASS
		12	0	7.07	<13	PASS
		12	6	7.01	<13	PASS
		12	13	6.99	<13	PASS
		25	0	6.4	<13	PASS
	MCH	1	0	4.86	<13	PASS
		1	12	4.85	<13	PASS
		1	24	4.92	<13	PASS
		12	0	6.1	<13	PASS

		12	6	6.04	<13	PASS
		12	13	6.12	<13	PASS
		25	0	6.2	<13	PASS
	HCH	1	0	5.06	<13	PASS
		1	12	5.16	<13	PASS
		1	24	5	<13	PASS
		12	0	6.07	<13	PASS
		12	6	6.08	<13	PASS
		12	13	6.13	<13	PASS
		25	0	6.32	<13	PASS

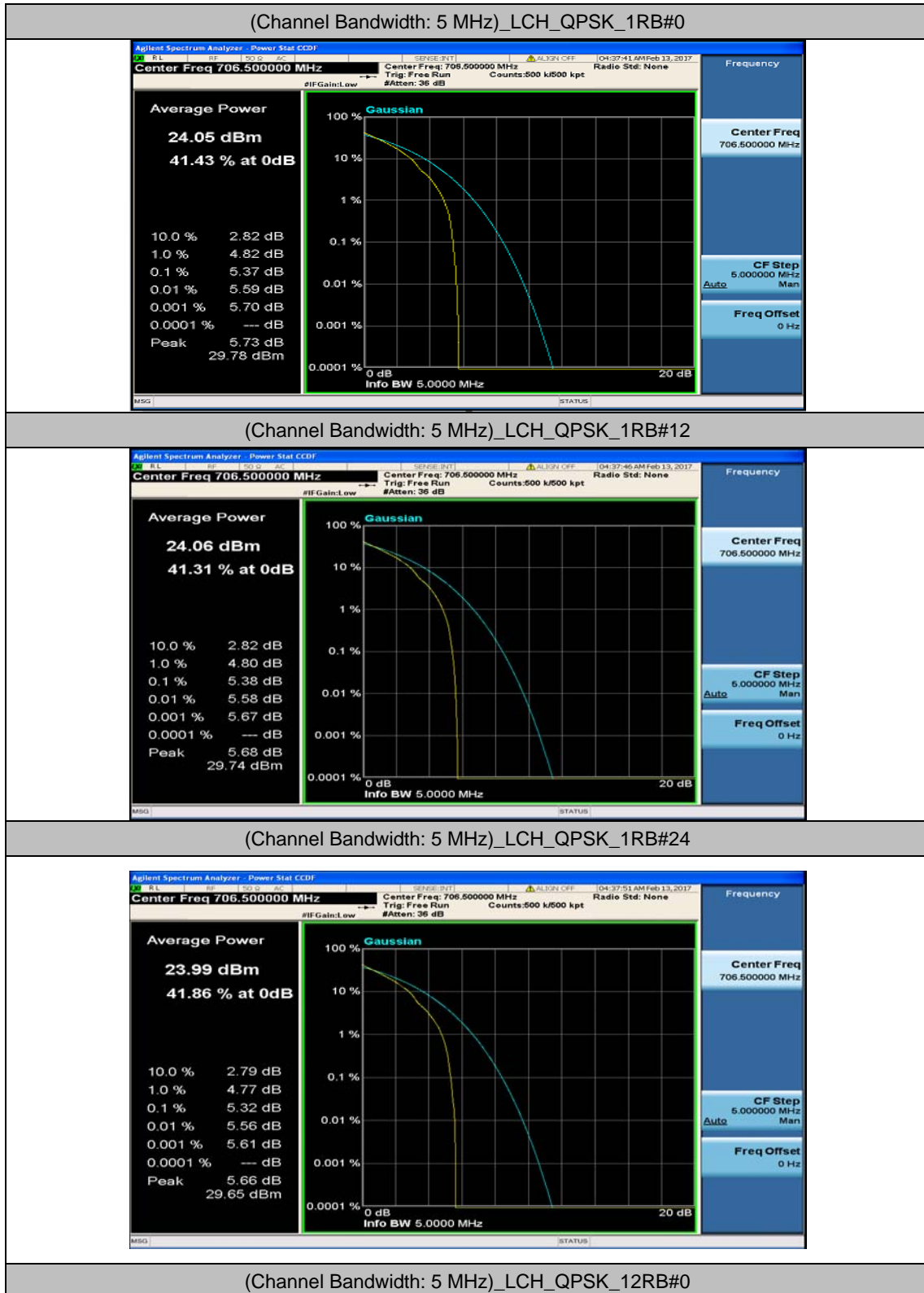
Channel Bandwidth: 10 MHz

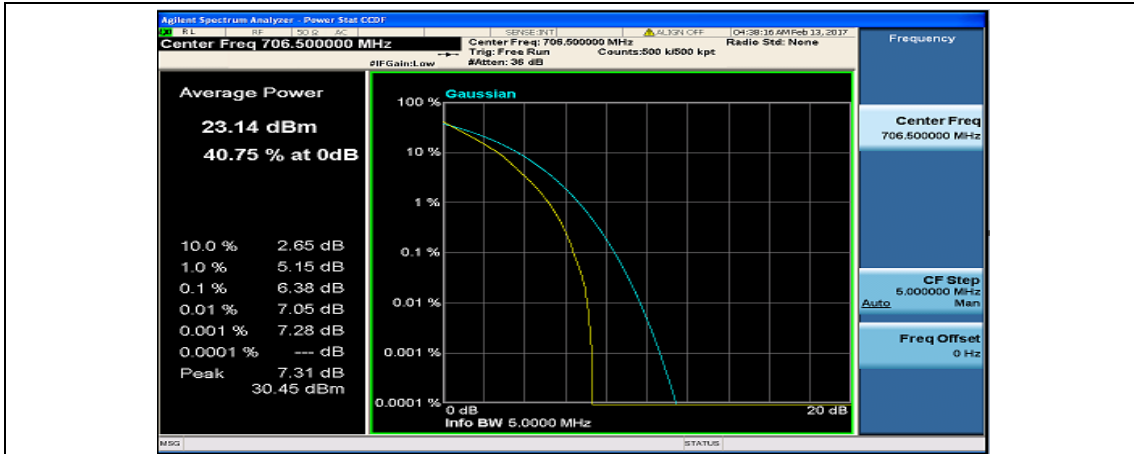
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.33	<13	PASS
		1	24	4.02	<13	PASS
		1	49	4.17	<13	PASS
		25	0	5.38	<13	PASS
		25	12	5.23	<13	PASS
		25	25	5.28	<13	PASS
		50	0	5.44	<13	PASS
	MCH	1	0	4.27	<13	PASS
		1	24	4.02	<13	PASS
		1	49	4.13	<13	PASS
		25	0	5.3	<13	PASS
		25	12	5.22	<13	PASS
		25	25	5.31	<13	PASS
		50	0	5.41	<13	PASS
	HCH	1	0	4.01	<13	PASS
		1	24	3.94	<13	PASS
		1	49	3.98	<13	PASS
		25	0	5.24	<13	PASS
		25	12	5.28	<13	PASS
		25	25	5.35	<13	PASS
		50	0	5.47	<13	PASS
16QAM	LCH	1	0	5.16	<13	PASS
		1	24	4.85	<13	PASS
		1	49	5.04	<13	PASS
		25	0	6.27	<13	PASS
		25	12	6.05	<13	PASS

		25	25	6.11	<13	PASS
		50	0	6.22	<13	PASS
	MCH	1	0	5.15	<13	PASS
		1	24	4.92	<13	PASS
		1	49	4.98	<13	PASS
		25	0	6.17	<13	PASS
		25	12	6.06	<13	PASS
		25	25	6.15	<13	PASS
		50	0	6.19	<13	PASS
		HCH	1	0	4.95	<13
	1		24	4.85	<13	PASS
	1		49	4.94	<13	PASS
	25		0	6.11	<13	PASS
	25		12	6.06	<13	PASS
	25		25	6.19	<13	PASS
	50		0	6.26	<13	PASS

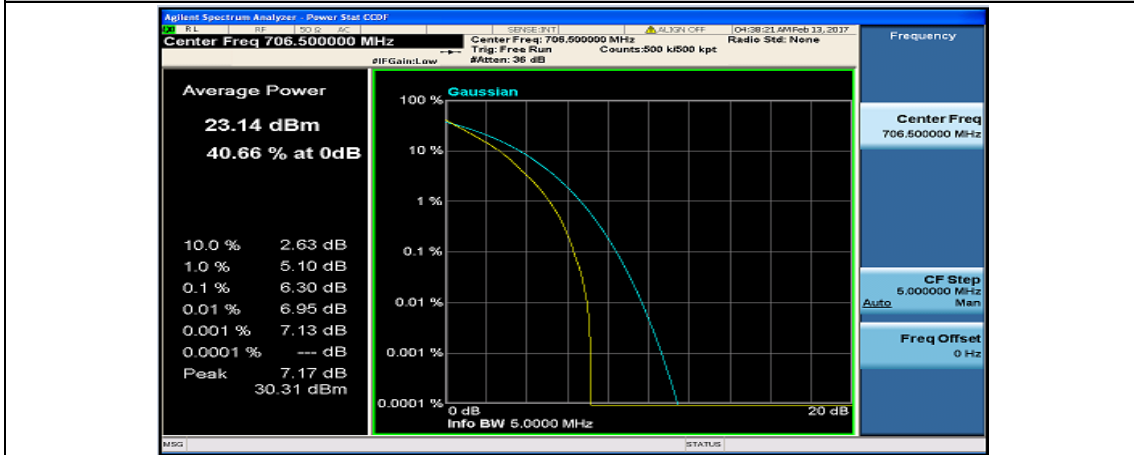
Test Graphs

Channel Bandwidth: 5 MHz





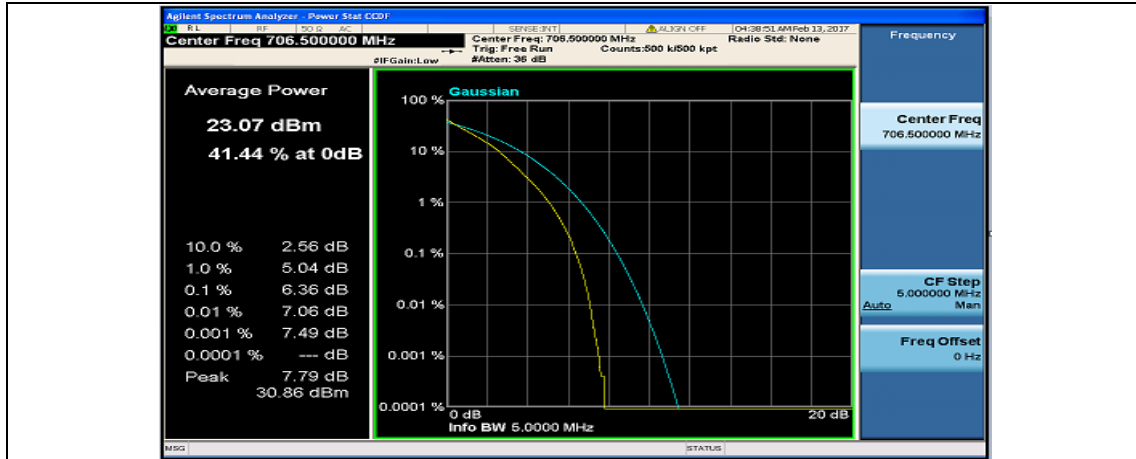
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



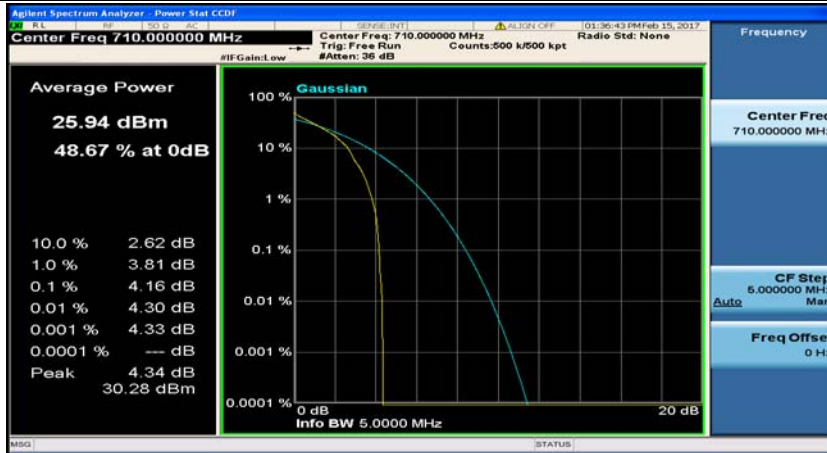
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



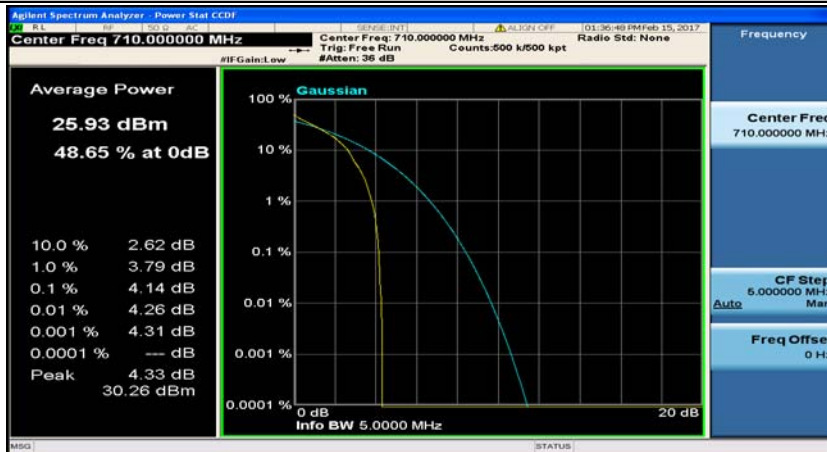
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



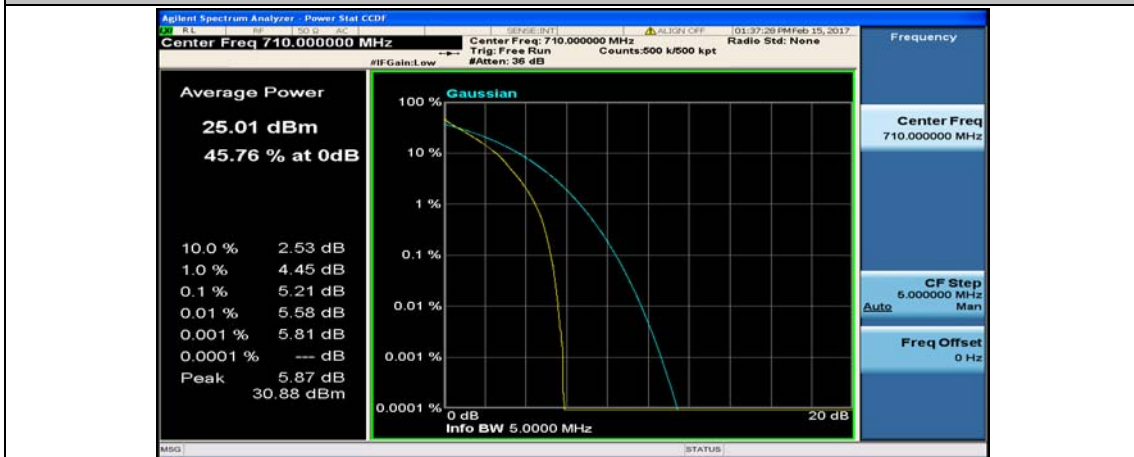
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(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



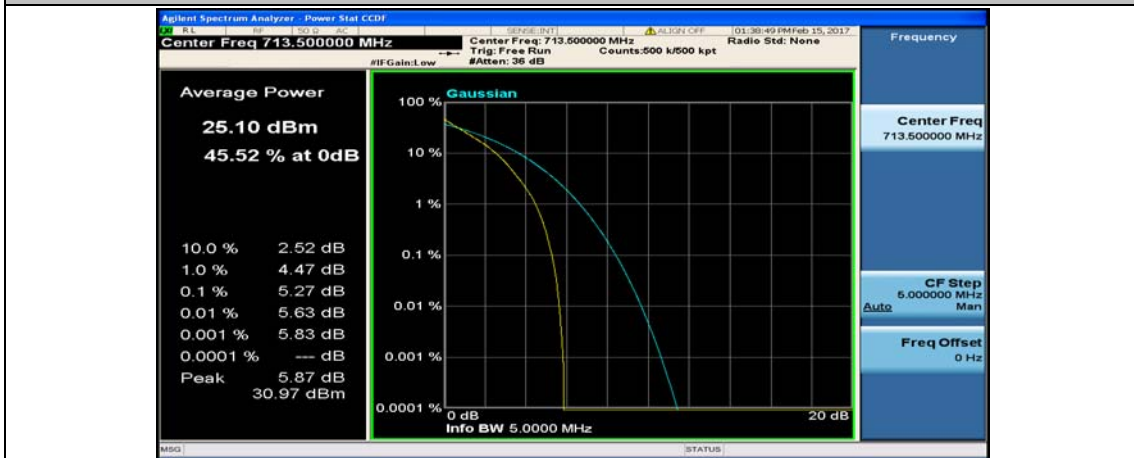
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(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



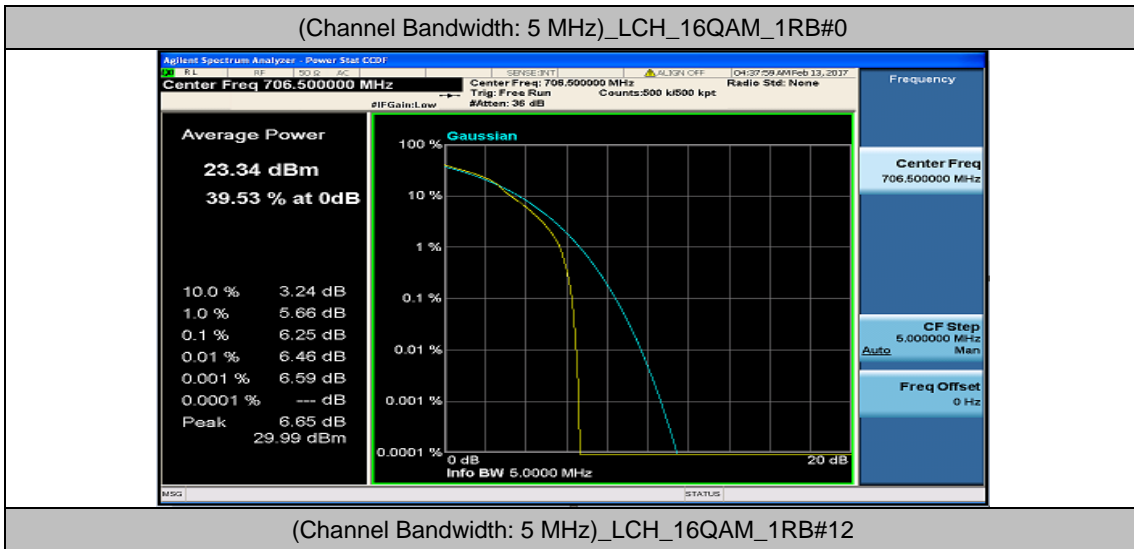
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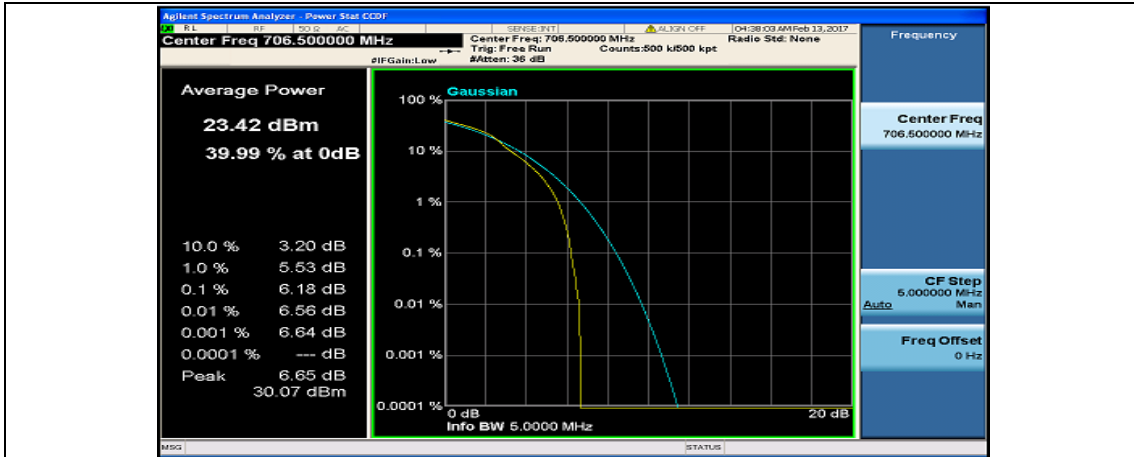
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



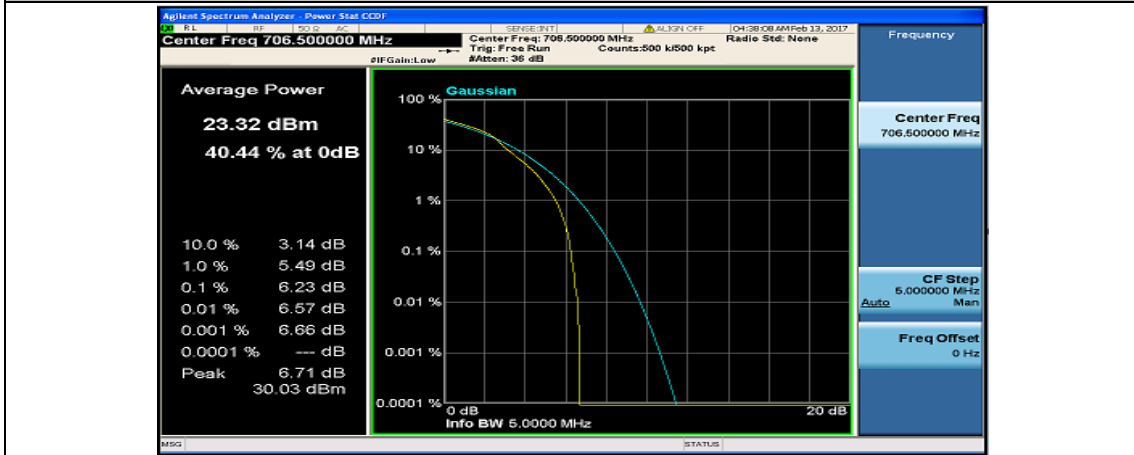
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



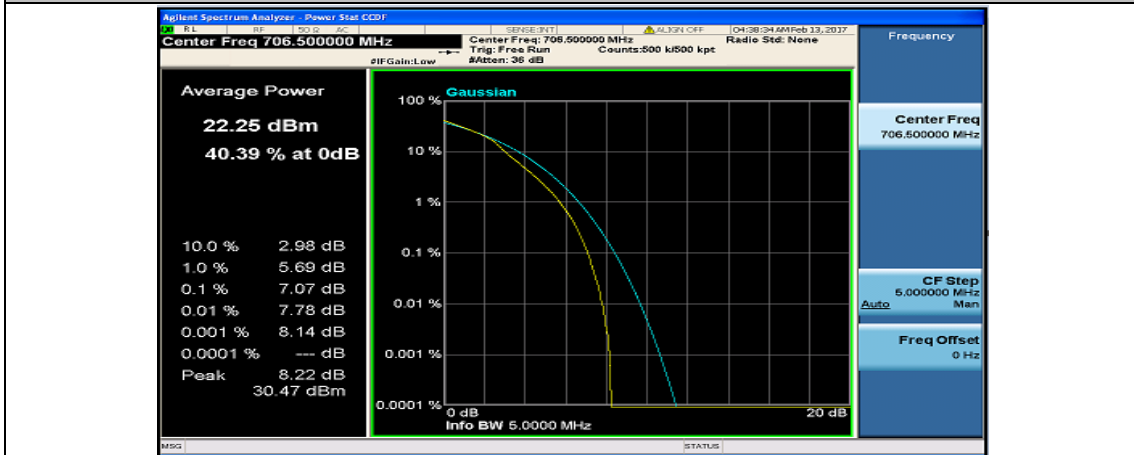
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



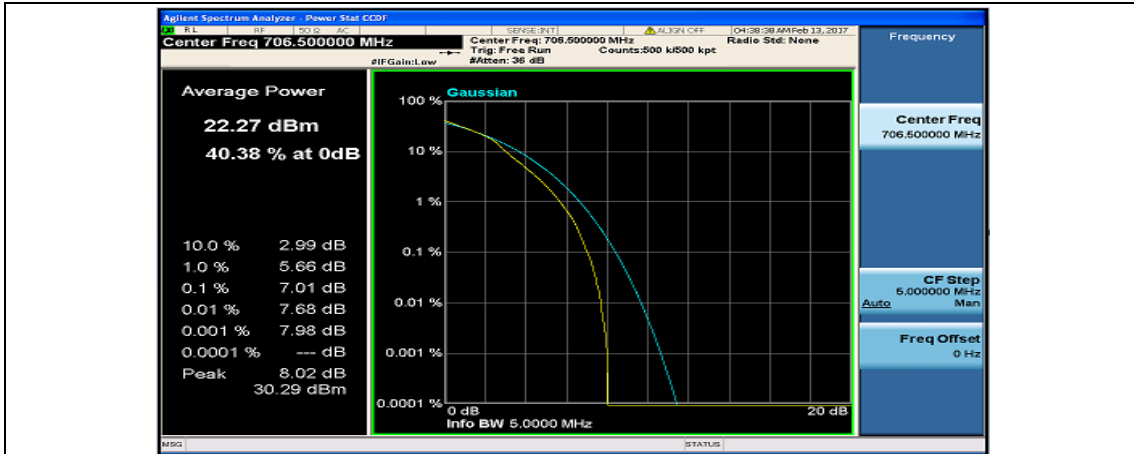
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



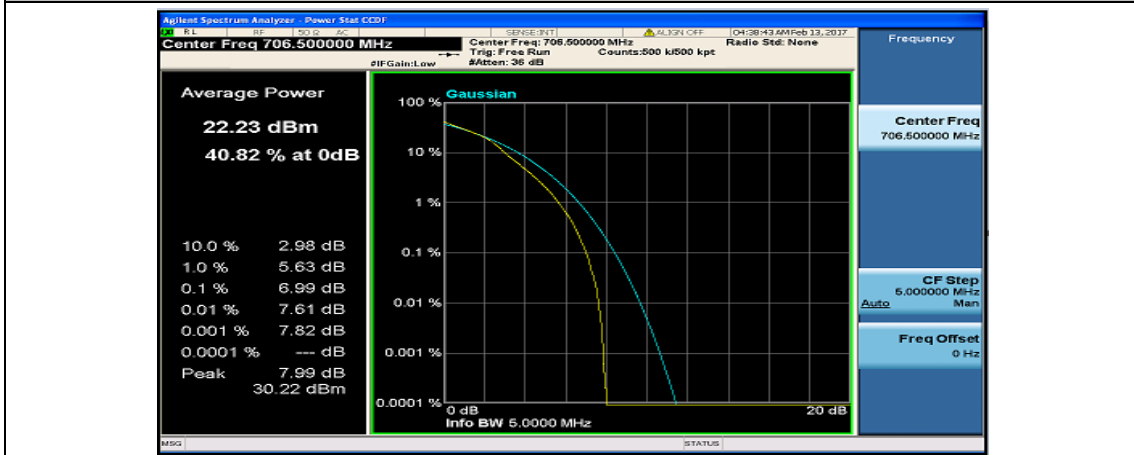
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



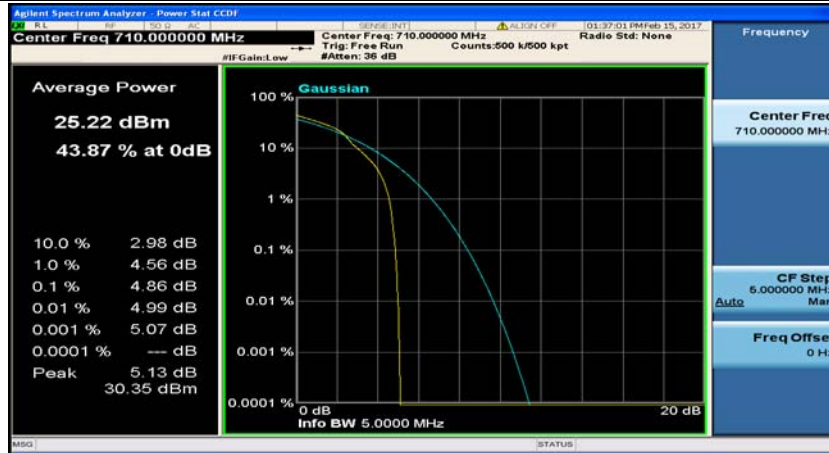
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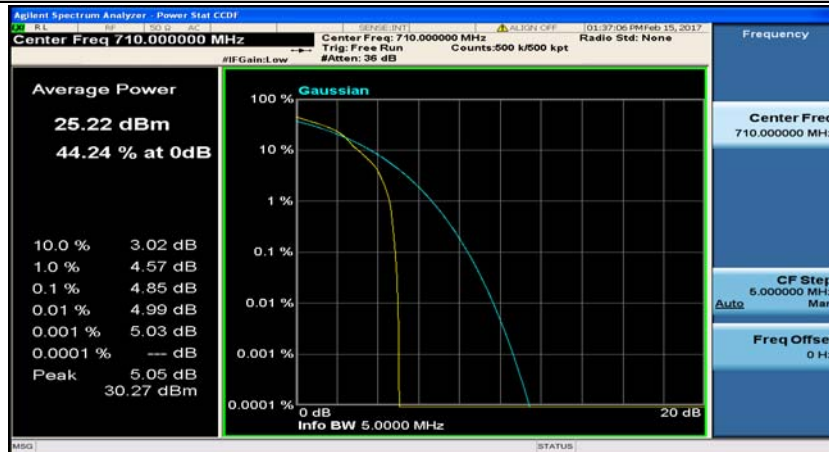
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



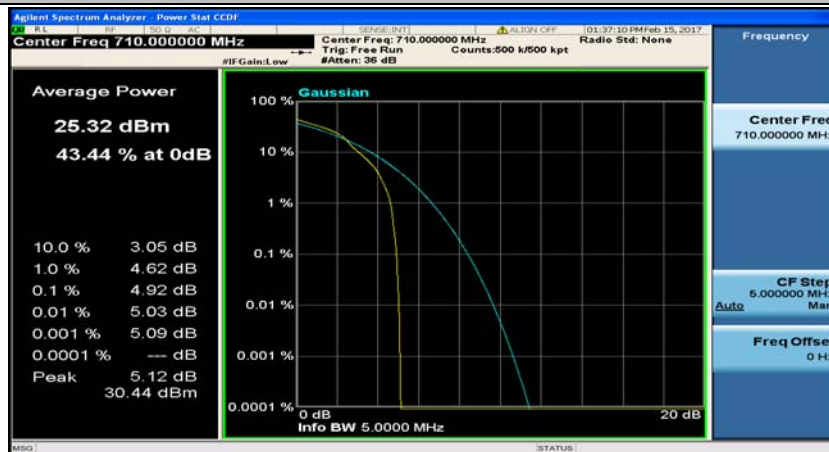
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(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



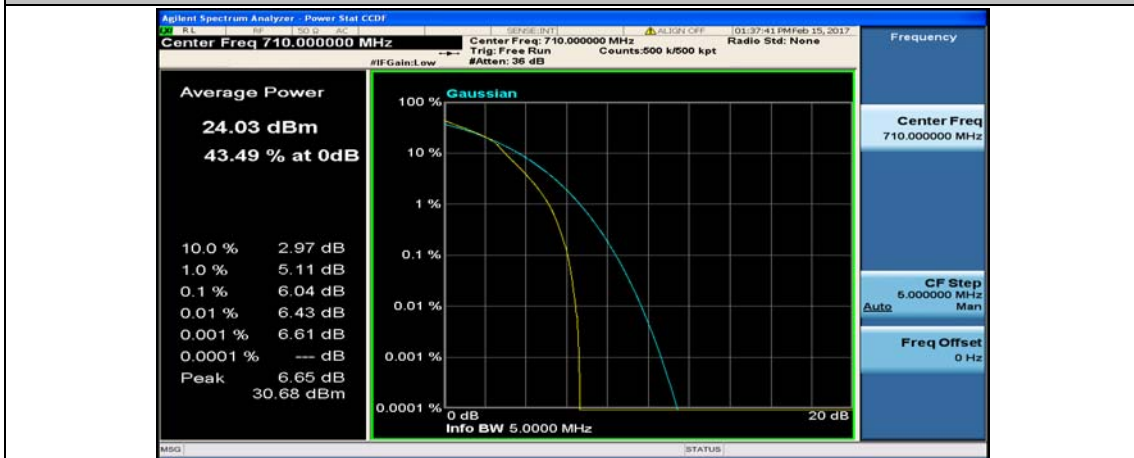
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



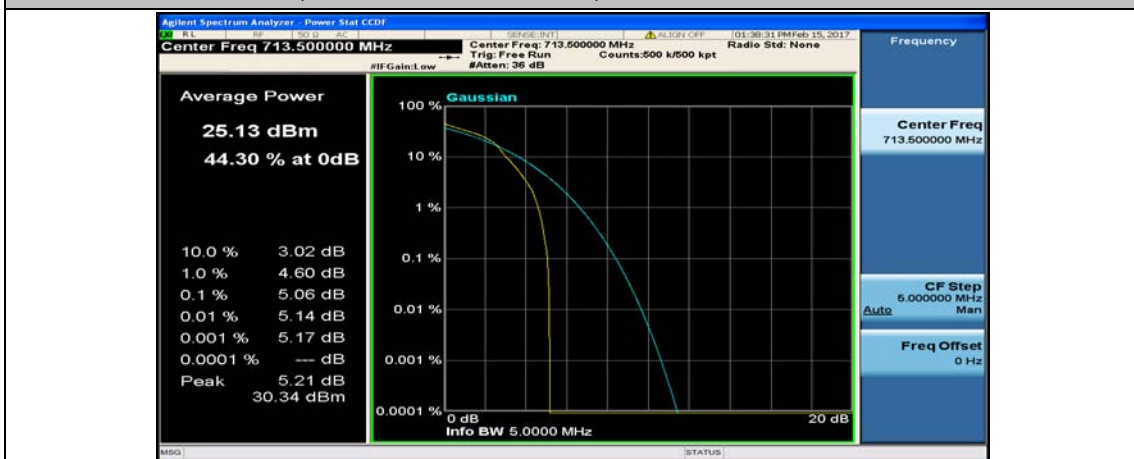
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(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



(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



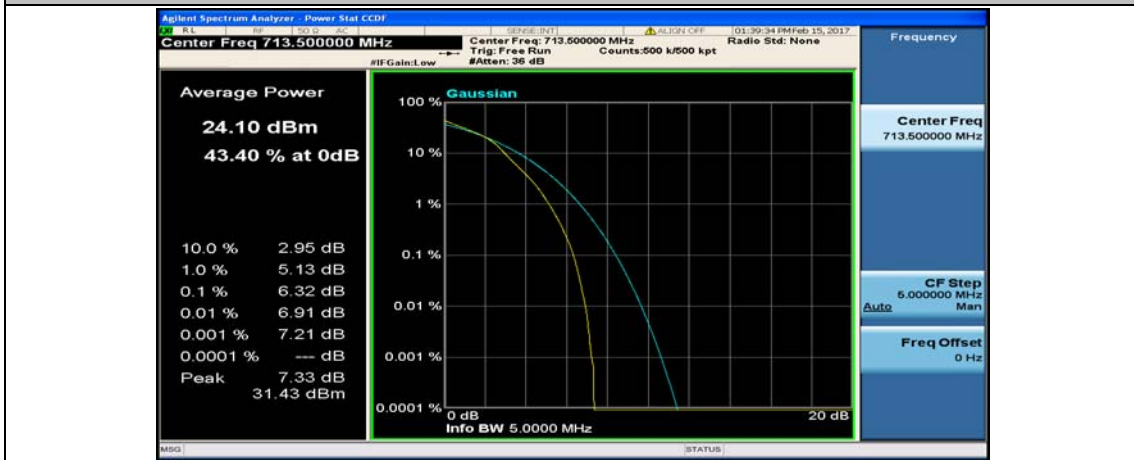
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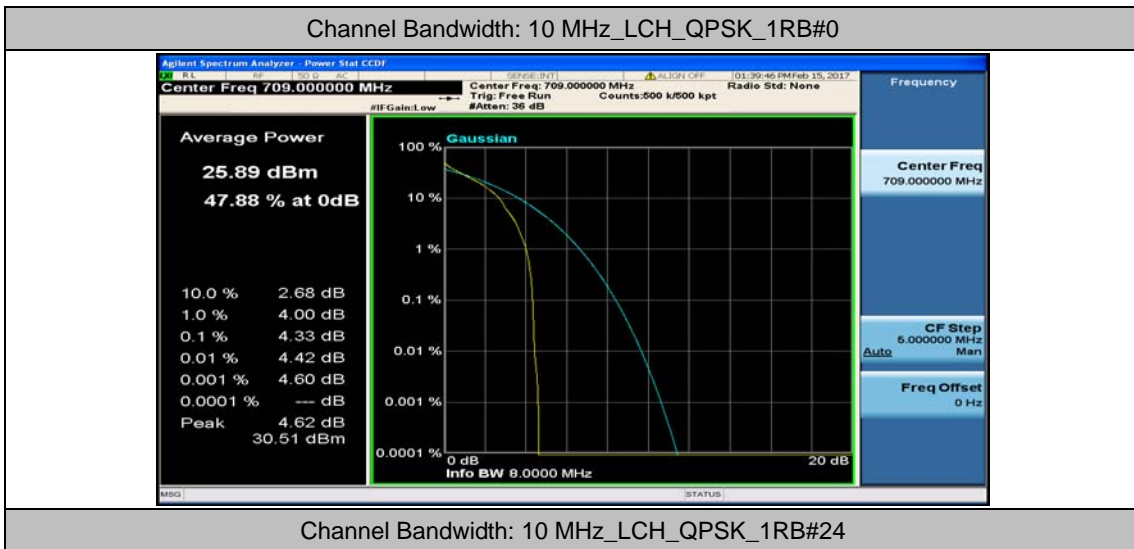
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz





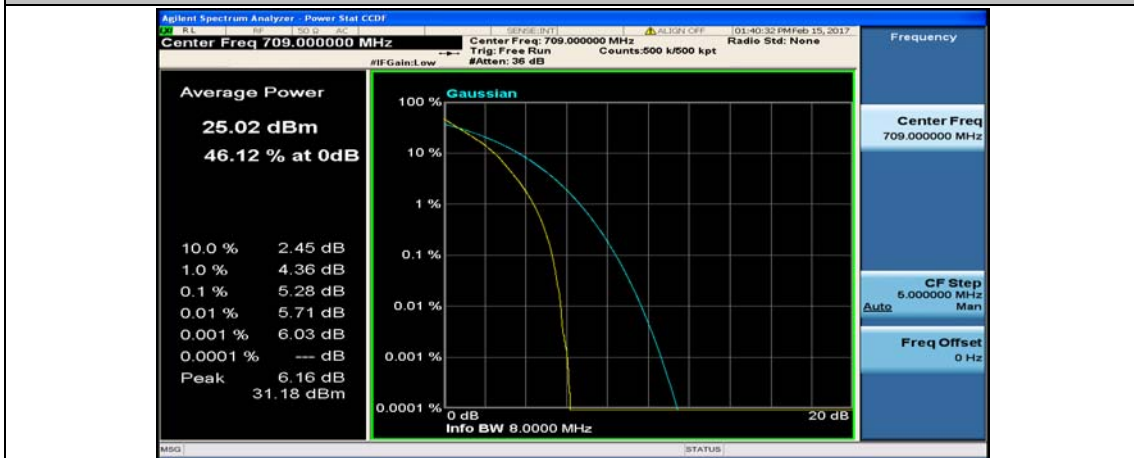
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49



Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#0

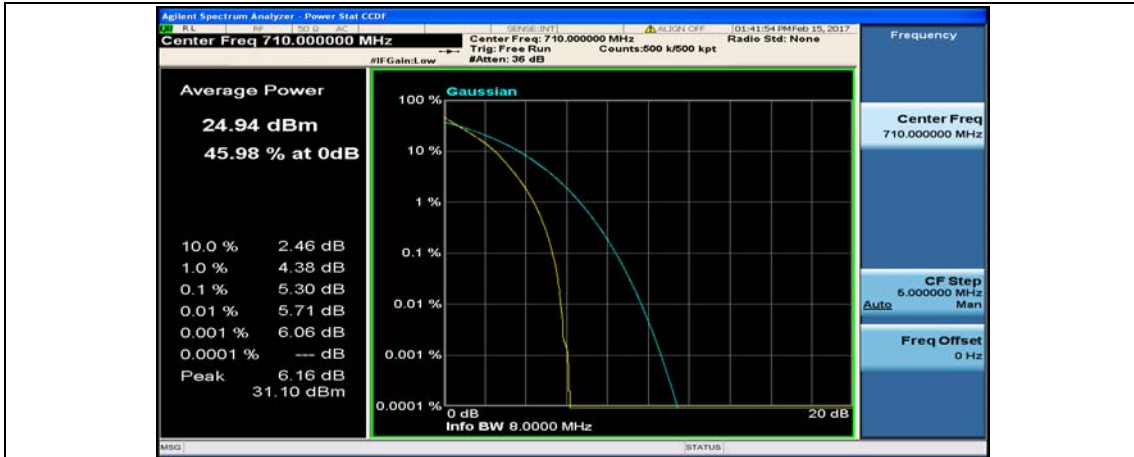


Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0





Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25



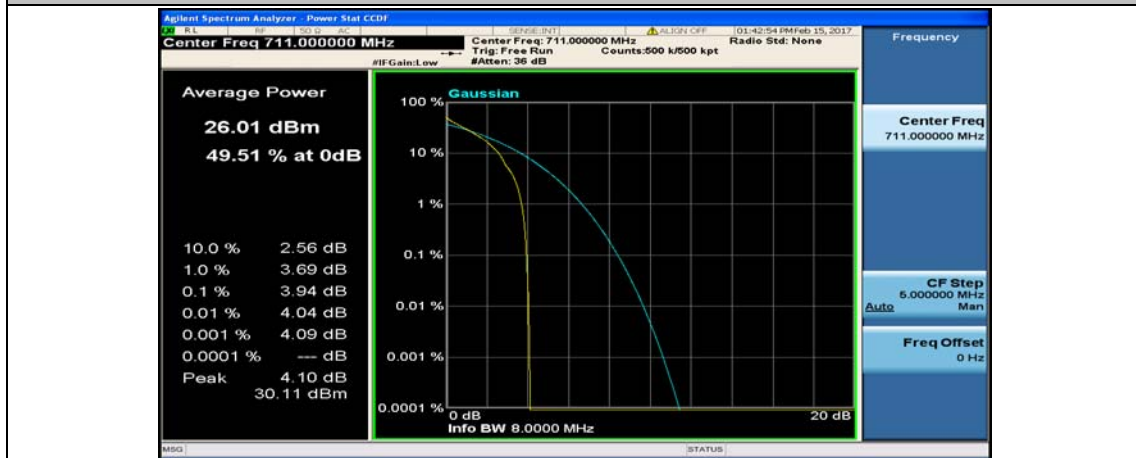
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



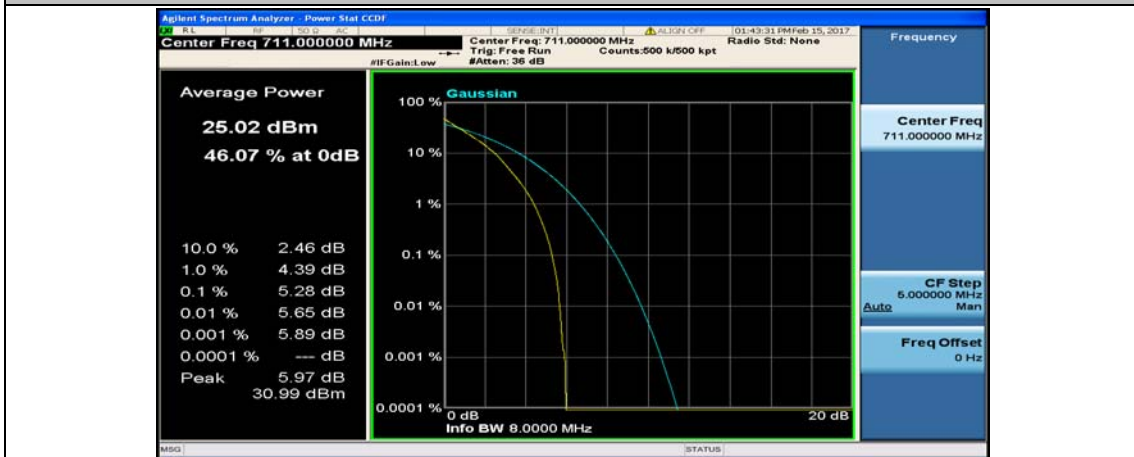
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

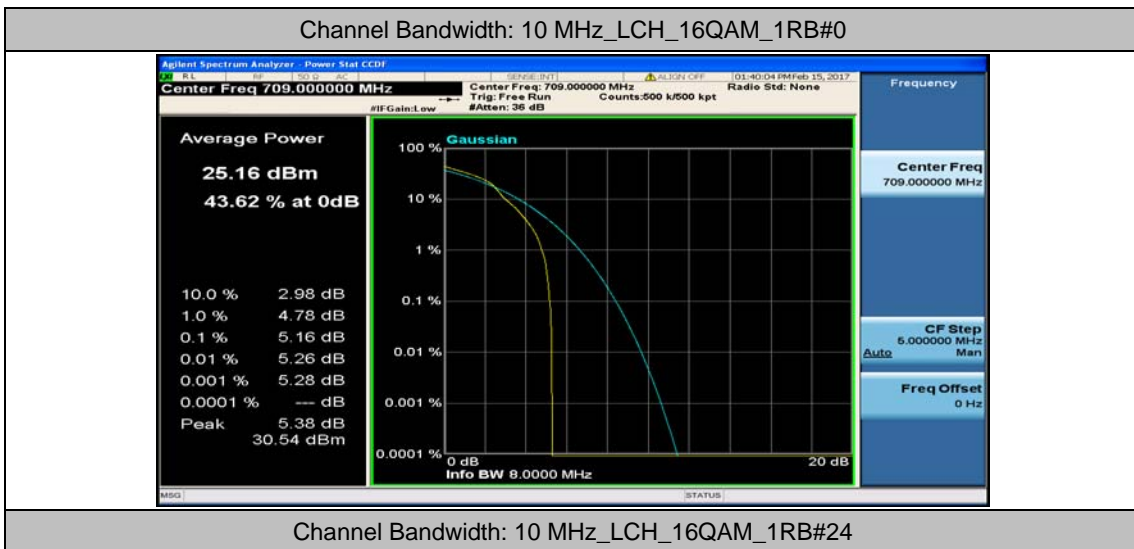
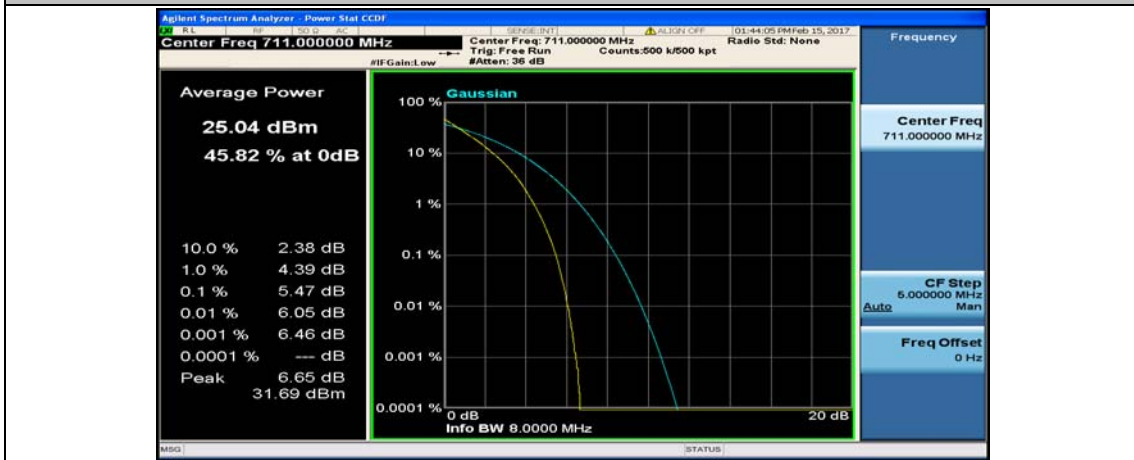


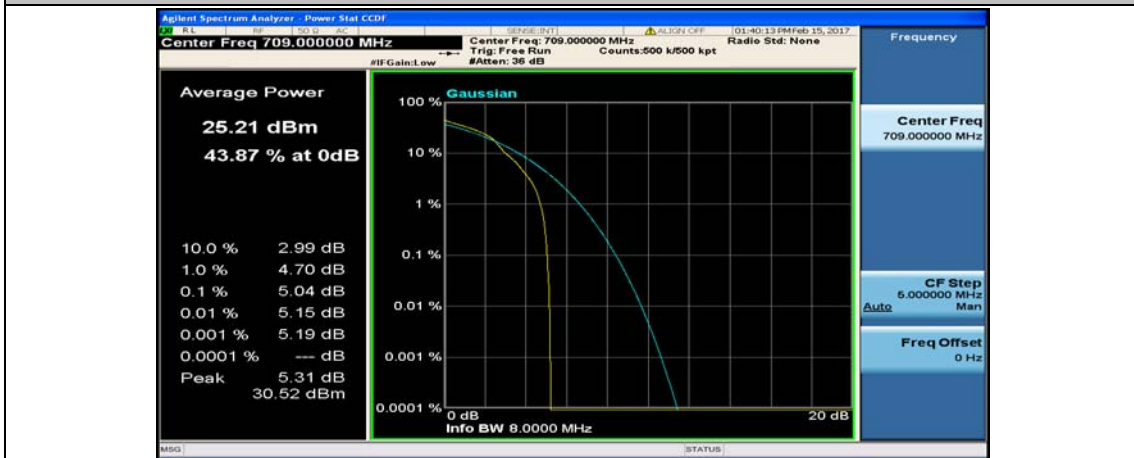
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

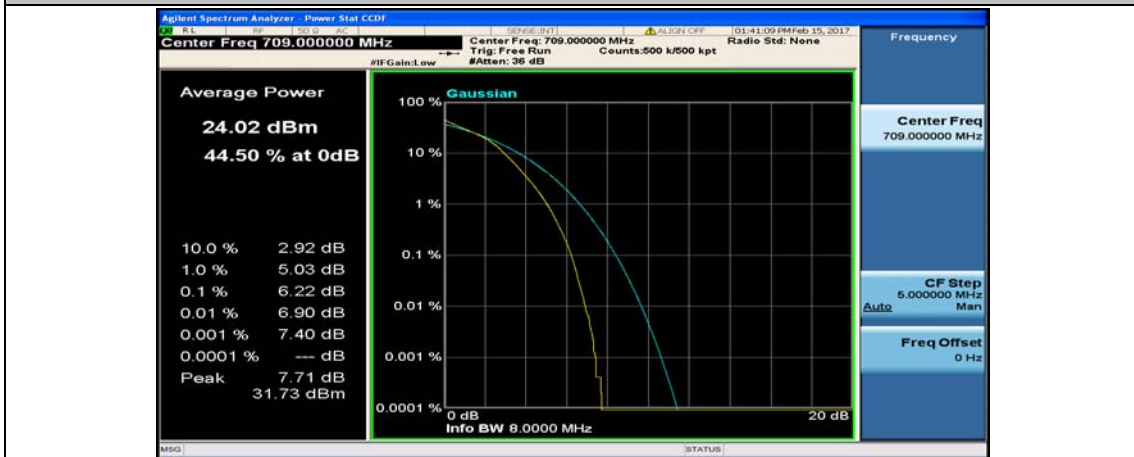


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49

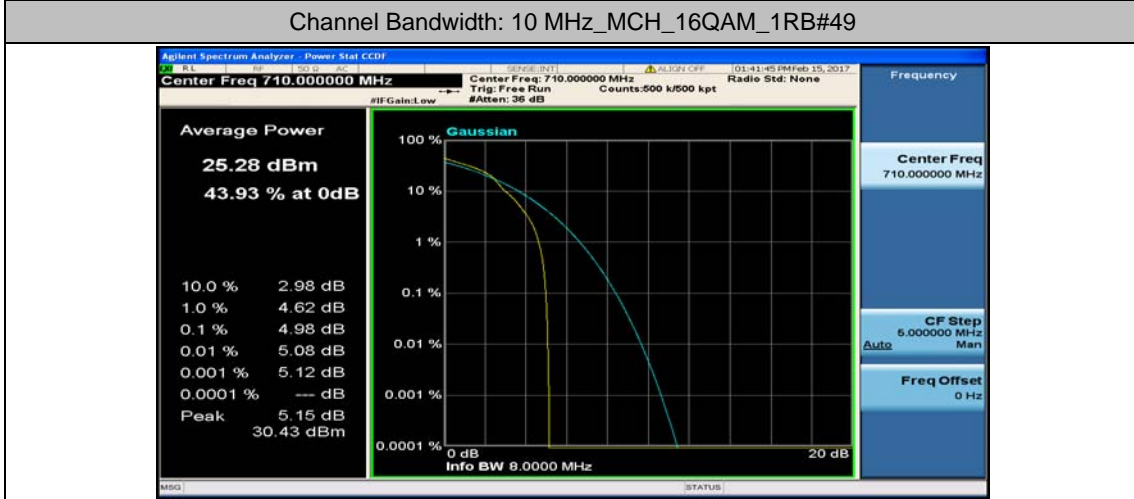
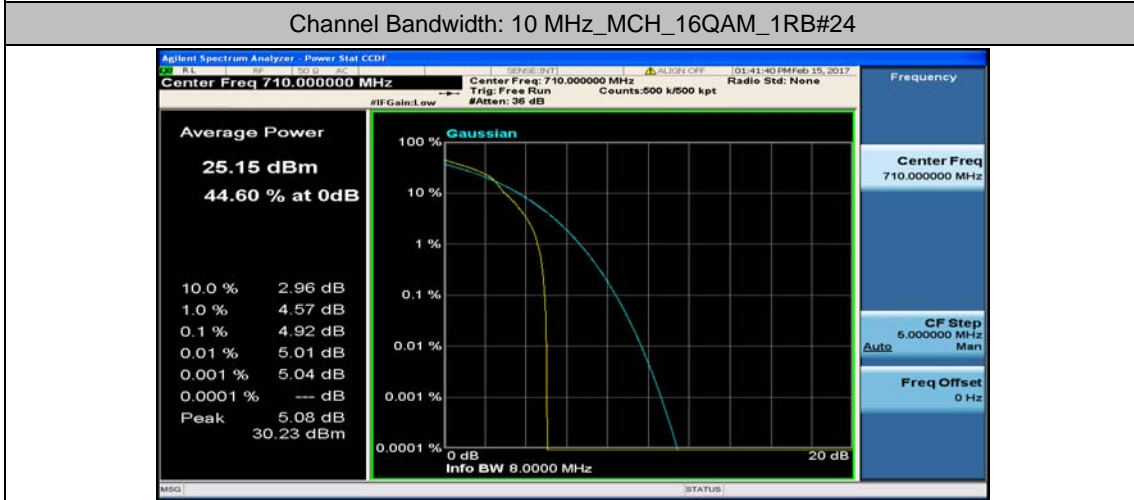








Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0





Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12



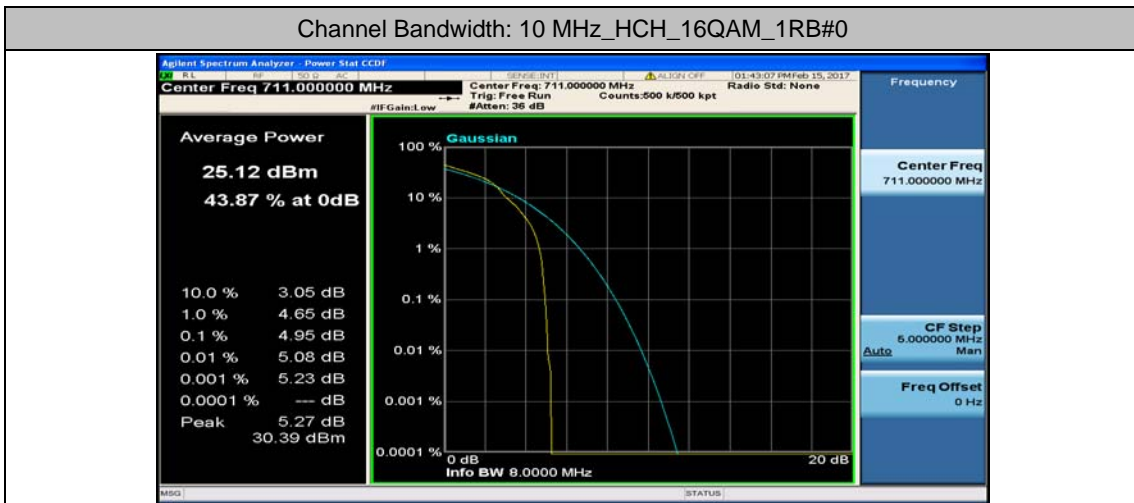
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25



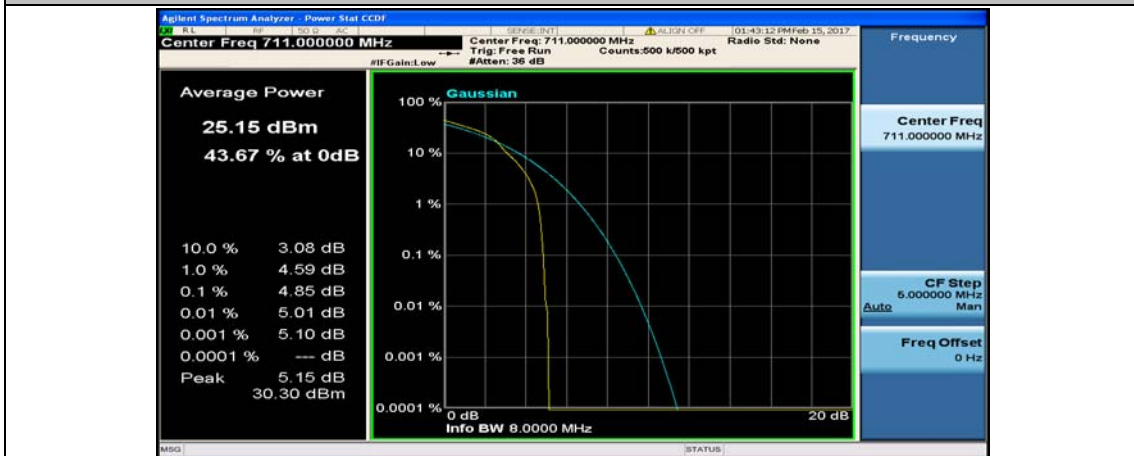
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



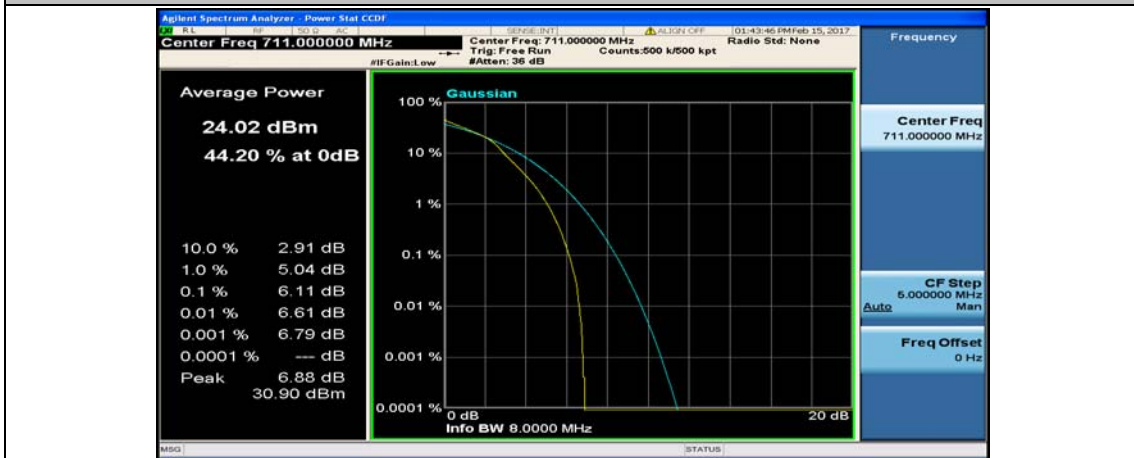
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49



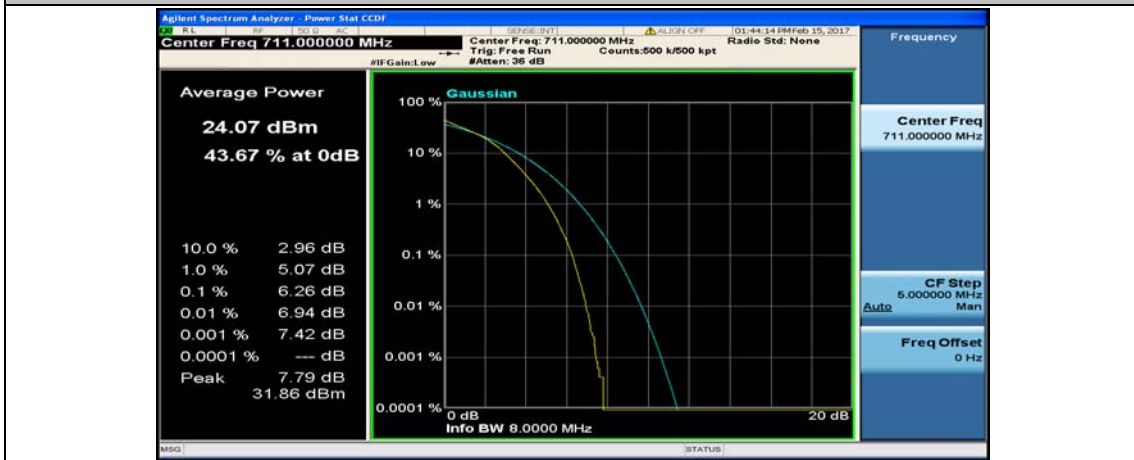
Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#25



Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

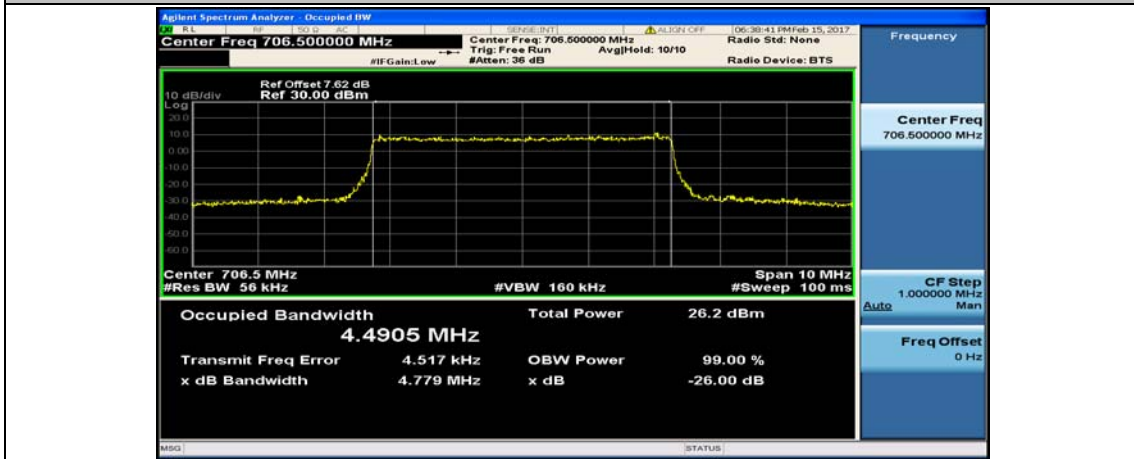
Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	25	0	4.4851	4.817	PASS
	MCH	25	0	4.4755	4.810	PASS
	HCH	25	0	4.4831	4.834	PASS
16QAM	LCH	25	0	4.4905	4.779	PASS
	MCH	25	0	4.4856	4.856	PASS
	HCH	25	0	4.4907	4.784	PASS

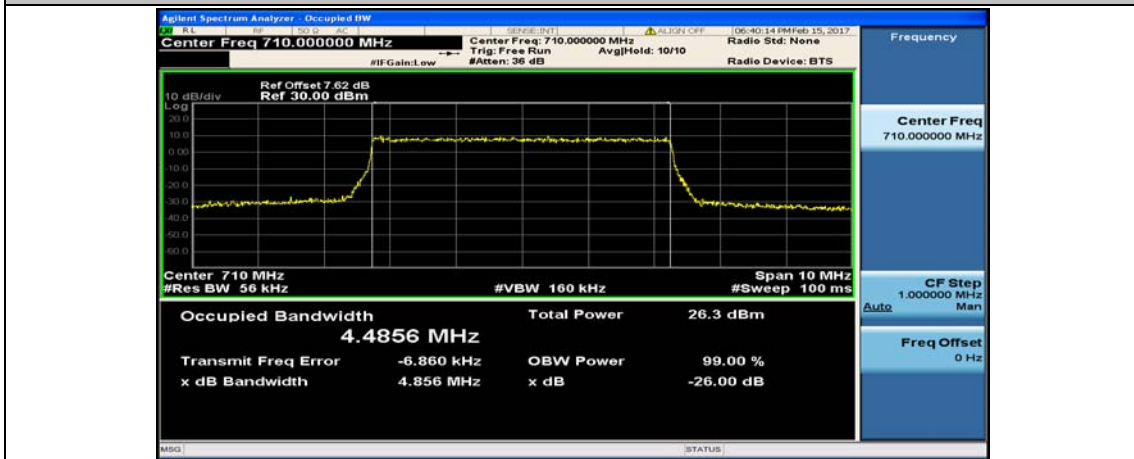
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9279	9.469	PASS
	MCH	50	0	8.9335	9.450	PASS
	HCH	50	0	8.9195	9.399	PASS
16QAM	LCH	50	0	8.9304	9.517	PASS
	MCH	50	0	8.9383	9.407	PASS
	HCH	50	0	8.9405	9.391	PASS

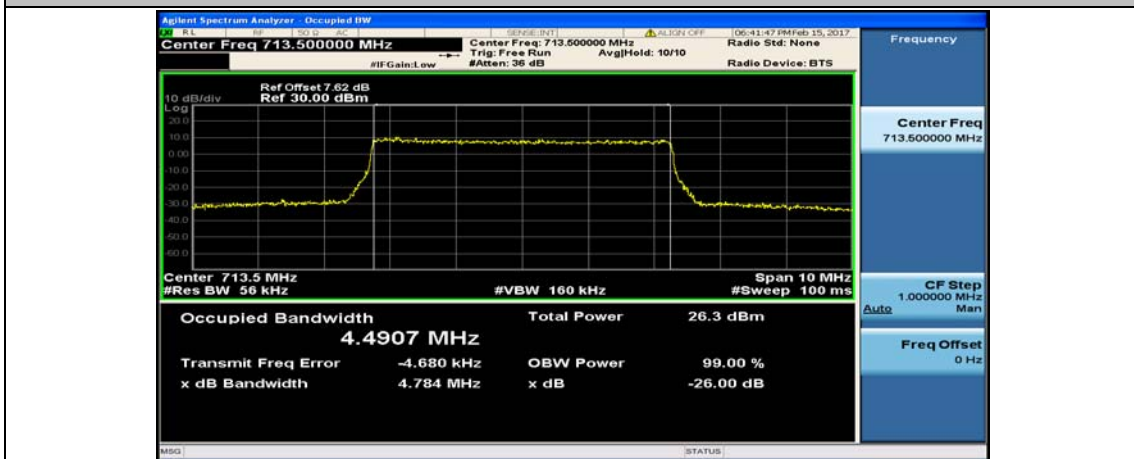
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

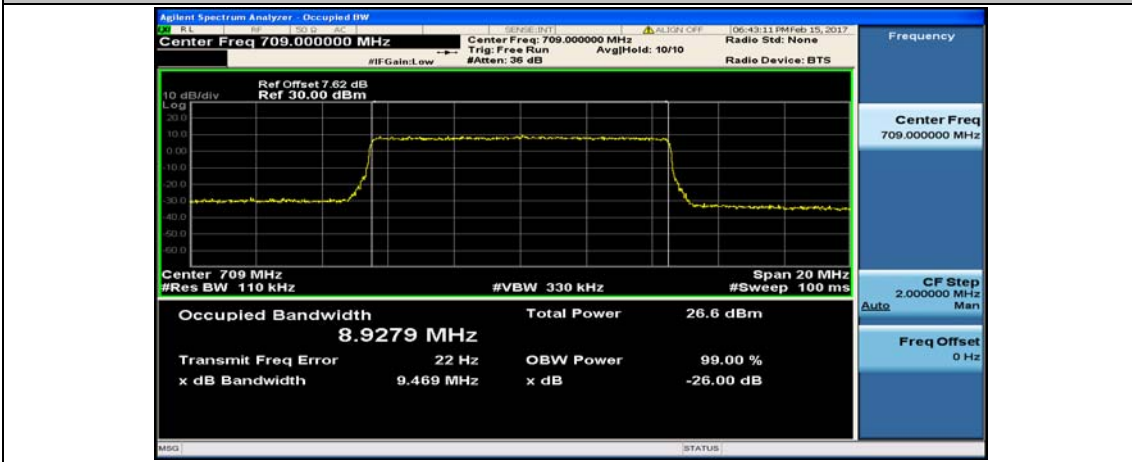


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

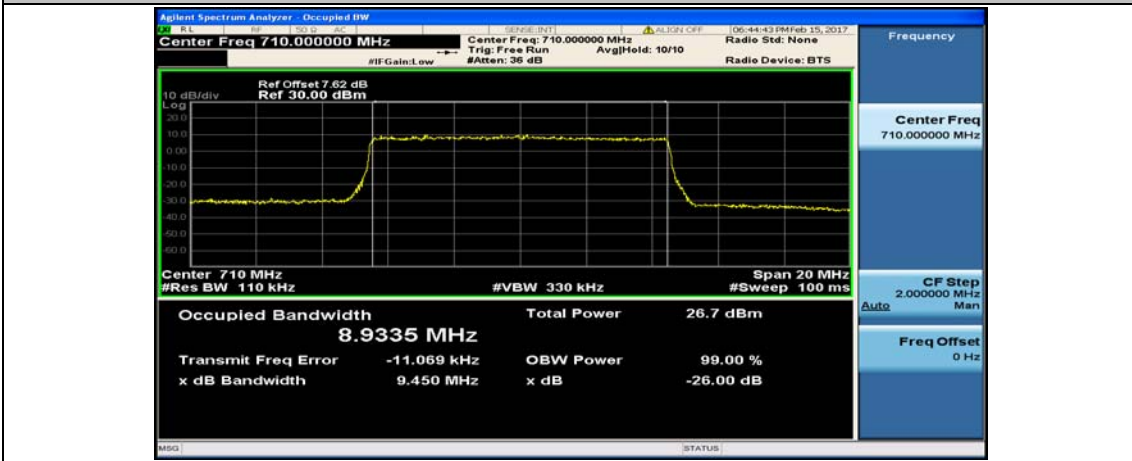


Channel Bandwidth: 10 MHz

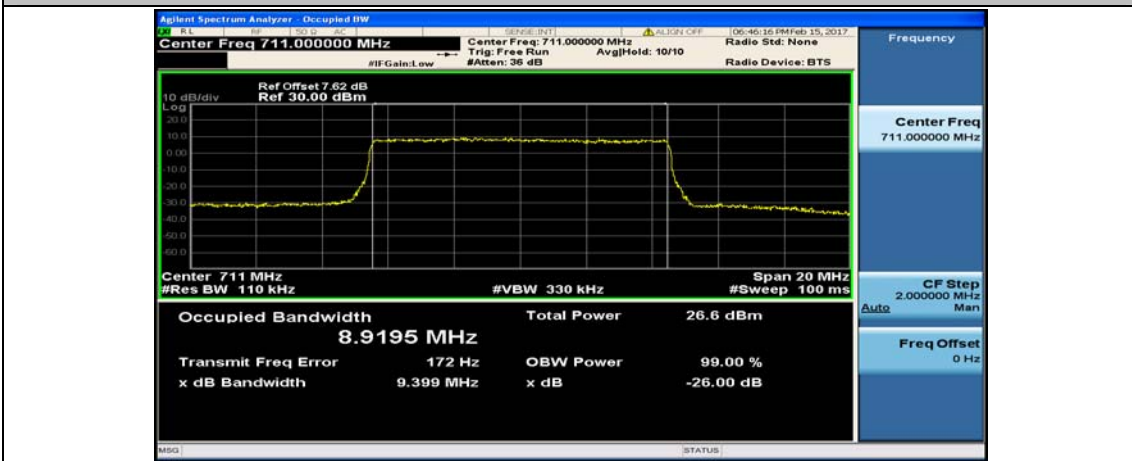
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



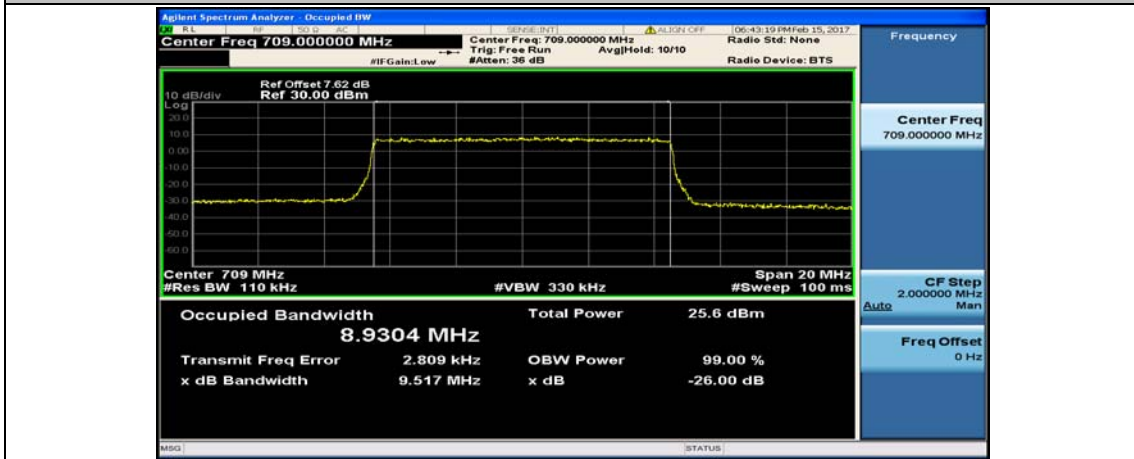
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



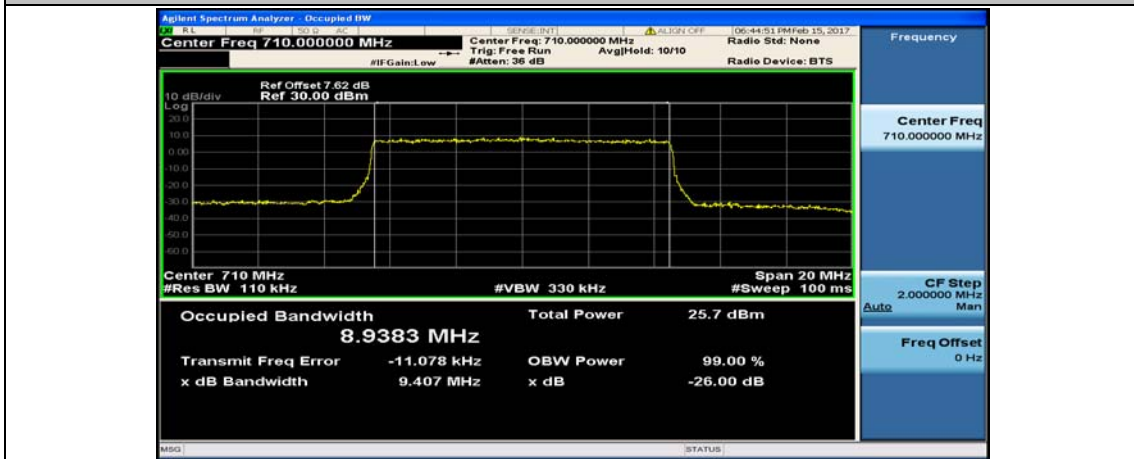
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



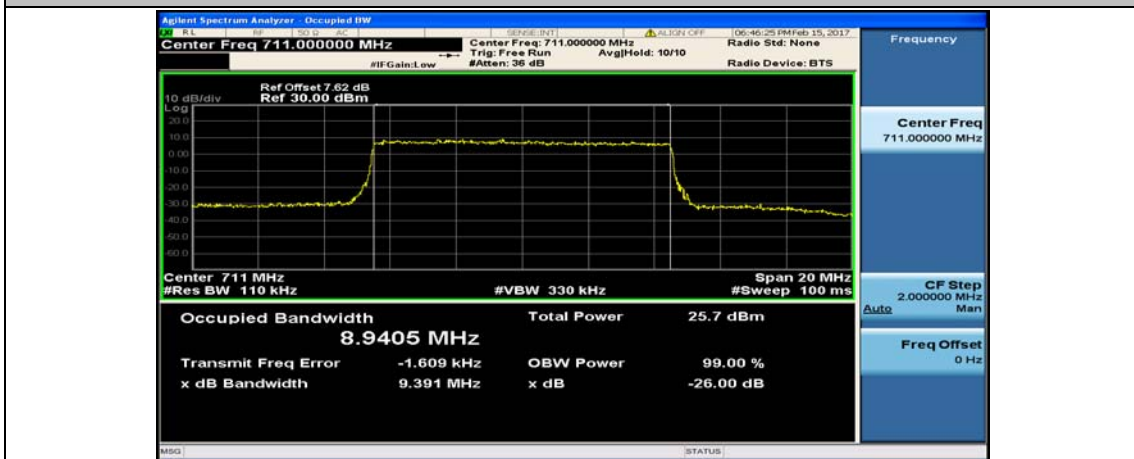
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

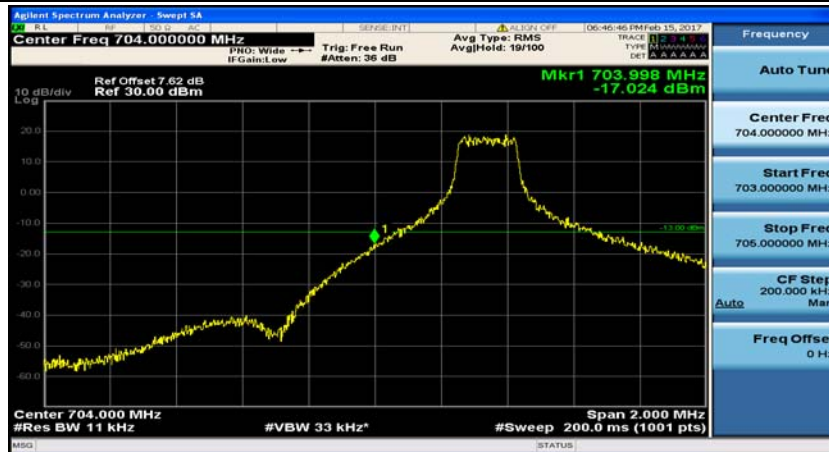


Appendix D: Band Edge

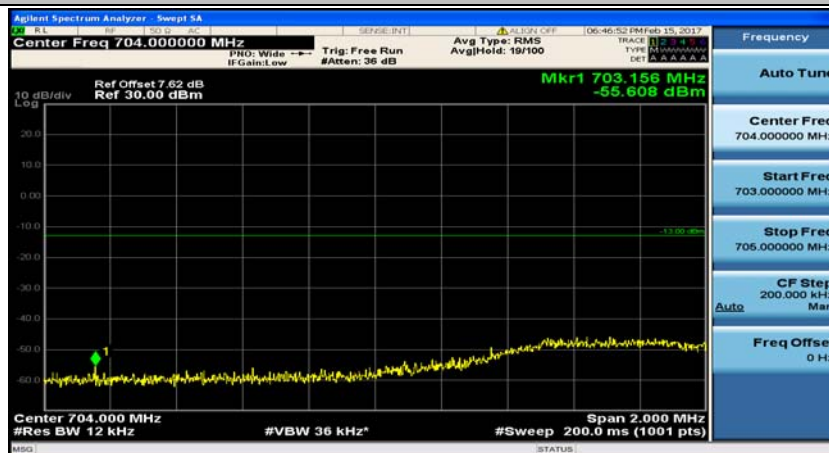
Test Graphs

Channel Bandwidth: 5 MHz

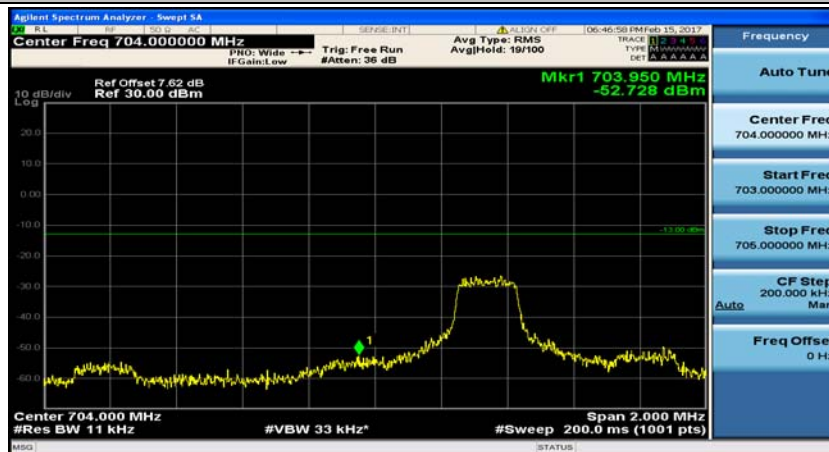
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



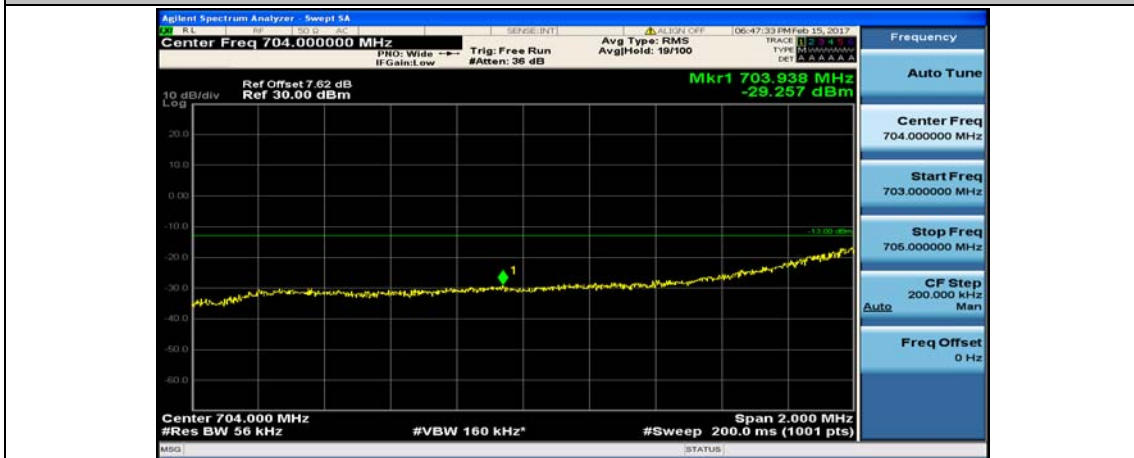
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



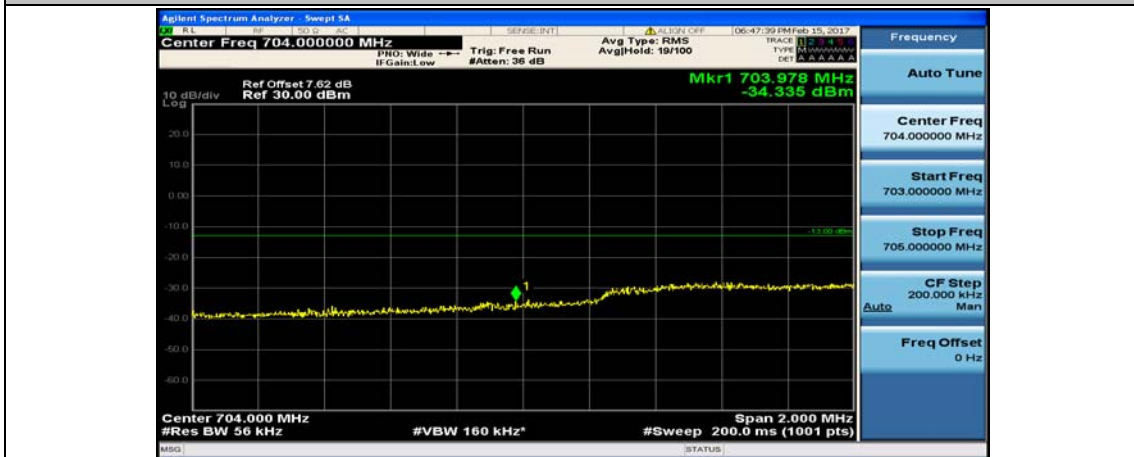
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



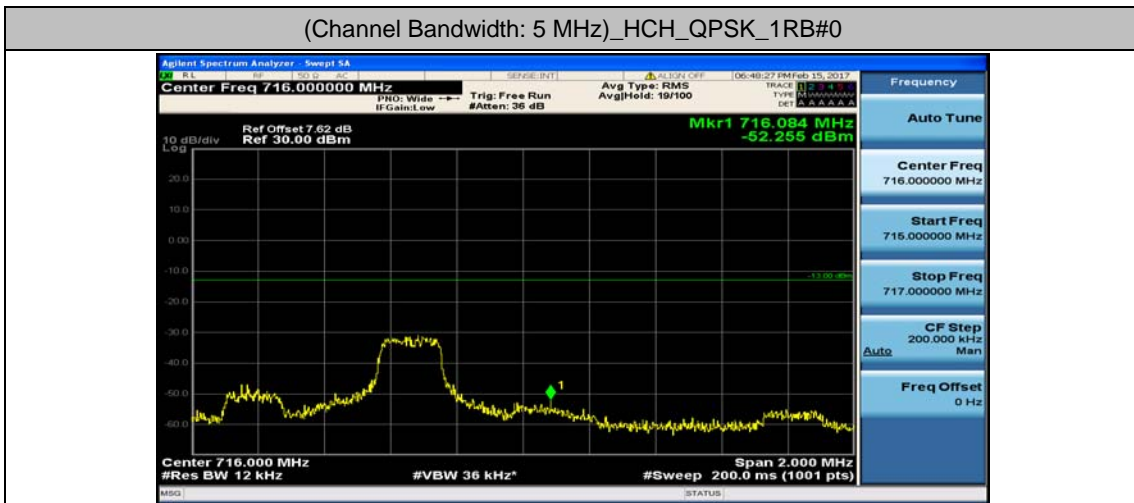
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



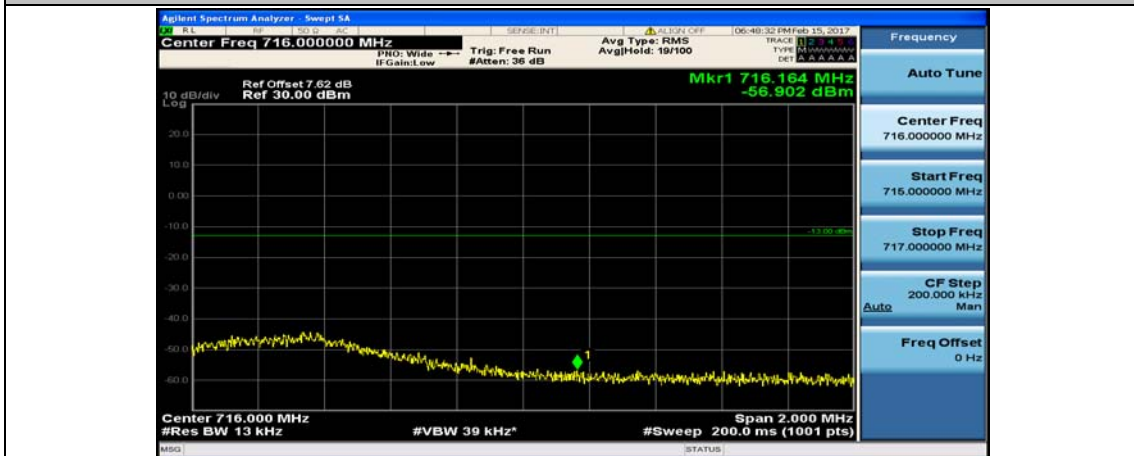
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



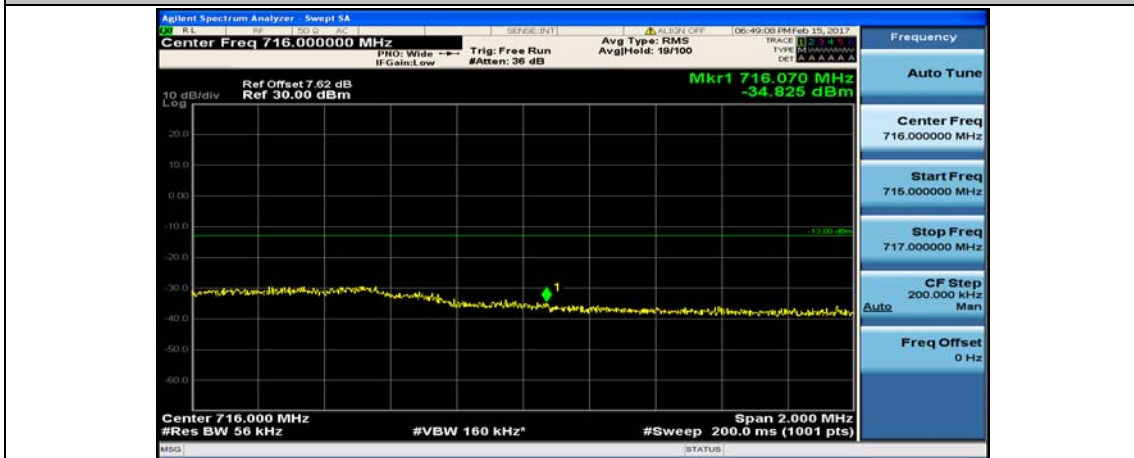
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



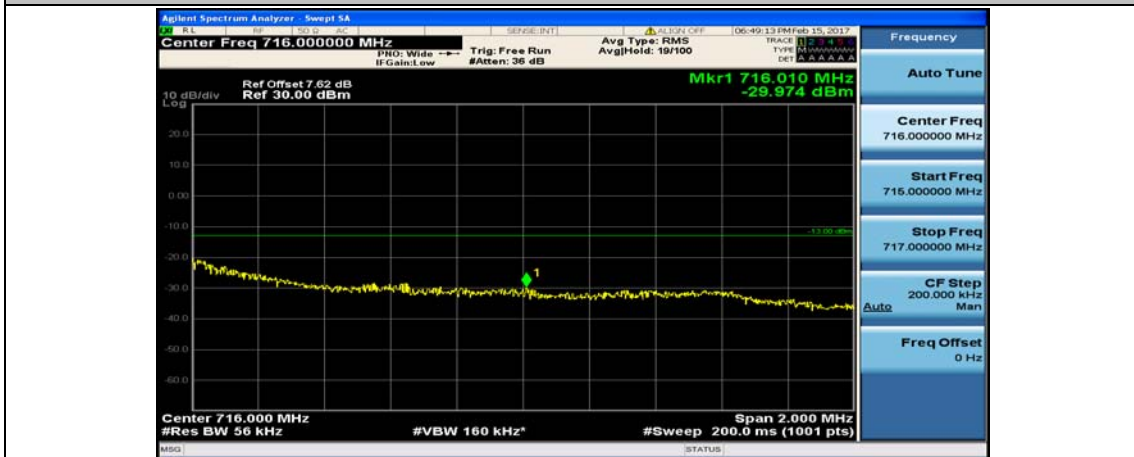
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



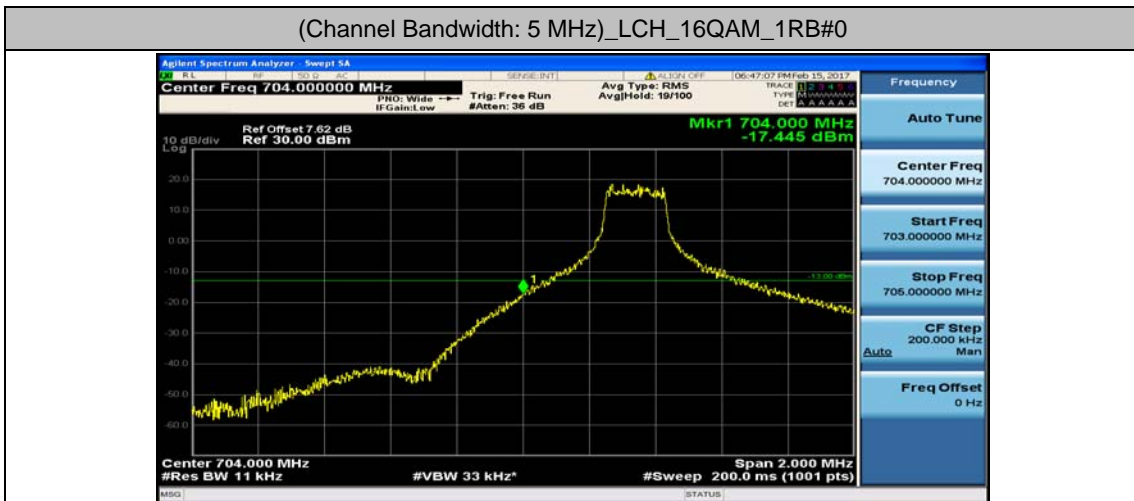
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



(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



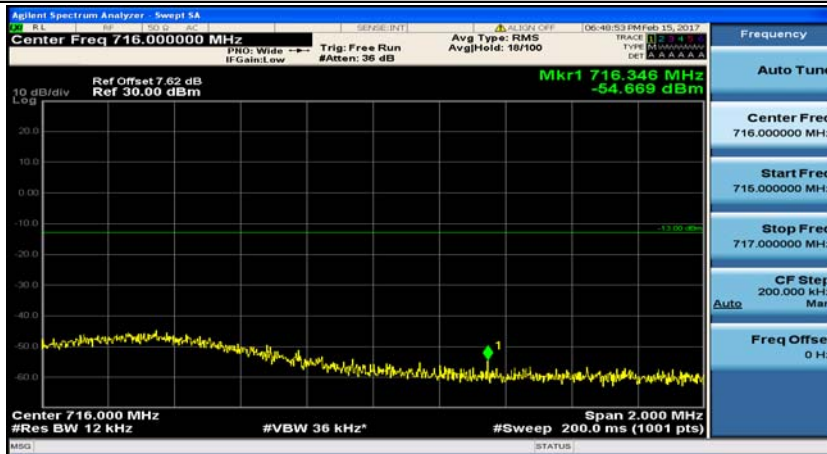
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



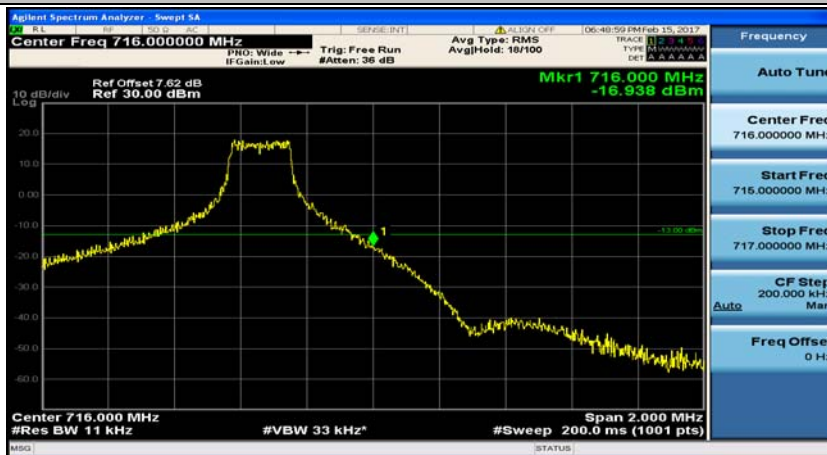
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



(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

