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	23.13	PASS
		1	12	22.87	PASS
		1	24	22.77	PASS
		12	0	21.98	PASS
		12	6	21.96	PASS
		12	13	21.91	PASS
		25	0	21.98	PASS
	MCH	1	0	23.12	PASS
		1	12	22.86	PASS
		1	24	22.76	PASS
		12	0	21.95	PASS
		12	6	21.97	PASS
		12	13	21.90	PASS
		25	0	21.97	PASS
	HCH	1	0	23.12	PASS
		1	12	22.85	PASS
		1	24	22.76	PASS
		12	0	21.96	PASS
		12	6	21.96	PASS
		12	13	21.90	PASS
		25	0	21.98	PASS
16QAM	LCH	1	0	22.14	PASS
		1	12	22.11	PASS
		1	24	21.93	PASS
		12	0	20.99	PASS
		12	6	20.97	PASS
		12	13	20.89	PASS
		25	0	20.95	PASS
	MCH	1	0	22.13	PASS

		1	12	22.10	PASS
		1	24	21.93	PASS
		12	0	20.98	PASS
		12	6	20.97	PASS
		12	13	20.87	PASS
		25	0	20.94	PASS
	HCH	1	0	22.13	PASS
		1	12	22.11	PASS
		1	24	21.92	PASS
		12	0	20.96	PASS
		12	6	20.97	PASS
		12	13	20.87	PASS
		25	0	20.94	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
	MCH	1	0	23.23	PASS
		1	24	22.99	PASS
		1	49	22.88	PASS
		25	0	22.00	PASS
		25	12	21.99	PASS
		25	25	21.95	PASS
		50	0	21.94	PASS
	HCH	/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
16QAM	LCH	/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/

		/	/	/	/
		/	/	/	/
		/	/	/	/
	MCH	1	0	21.93	PASS
		1	24	21.96	PASS
		1	49	21.85	PASS
		25	0	21.05	PASS
		25	12	21.03	PASS
		25	25	20.97	PASS
		50	0	20.97	PASS
	HCH	/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/
		/	/	/	/

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	2.19	<13	PASS
		1	12	2.29	<13	PASS
		1	24	3.13	<13	PASS
		12	0	3.24	<13	PASS
		12	6	3.45	<13	PASS
		12	13	3.83	<13	PASS
		25	0	3.72	<13	PASS
	MCH	1	0	2.33	<13	PASS
		1	12	3.25	<13	PASS
		1	24	3.79	<13	PASS
		12	0	3.93	<13	PASS
		12	6	4.37	<13	PASS
		12	13	4.85	<13	PASS
		25	0	4.52	<13	PASS
	HCH	1	0	3.34	<13	PASS
		1	12	3.61	<13	PASS
		1	24	2.82	<13	PASS
		12	0	4.84	<13	PASS
		12	6	4.82	<13	PASS
		12	13	4.44	<13	PASS
		25	0	4.71	<13	PASS
16QAM	LCH	1	0	3.31	<13	PASS
		1	12	3.42	<13	PASS
		1	24	4.05	<13	PASS
		12	0	4.22	<13	PASS
		12	6	4.3	<13	PASS
		12	13	4.75	<13	PASS
		25	0	4.55	<13	PASS
	MCH	1	0	3.3	<13	PASS
		1	12	3.96	<13	PASS

		1	24	4.55	<13	PASS
		12	0	4.82	<13	PASS
		12	6	5.29	<13	PASS
		12	13	5.8	<13	PASS
		25	0	5.41	<13	PASS
	HCH	1	0	4.15	<13	PASS
		1	12	4.43	<13	PASS
		1	24	3.84	<13	PASS
		12	0	5.69	<13	PASS
		12	6	5.71	<13	PASS
		12	13	5.3	<13	PASS
		25	0	5.62	<13	PASS

Channel Bandwidth: 10 MHz

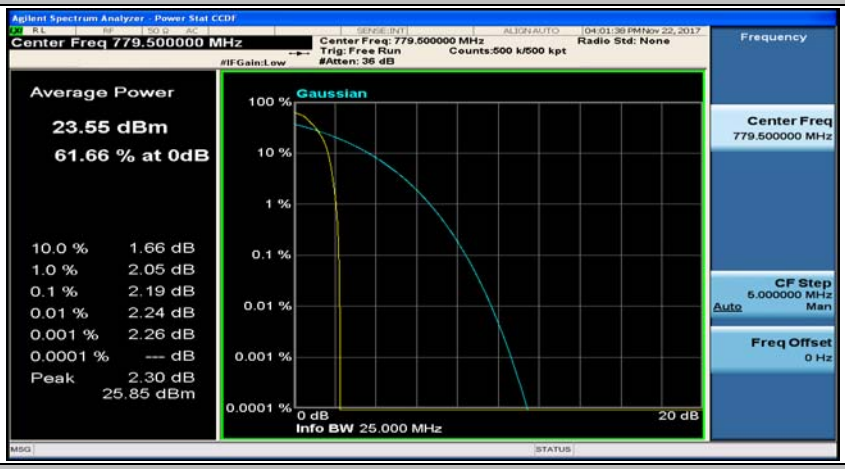
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
	MCH	1	0	2.11	<13	PASS
		1	24	3.27	<13	PASS
		1	49	2.98	<13	PASS
		25	0	3.72	<13	PASS
		25	12	4.44	<13	PASS
		25	25	4.79	<13	PASS
		50	0	4.41	<13	PASS
	HCH	/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
16QAM	LCH	/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/

		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
	MCH	1	0	3.24	<13	PASS
		1	24	4.08	<13	PASS
		1	49	4	<13	PASS
		25	0	4.63	<13	PASS
		25	12	5.35	<13	PASS
		25	25	5.67	<13	PASS
		50	0	5.3	<13	PASS
	HCH	/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/
		/	/	/	/	/

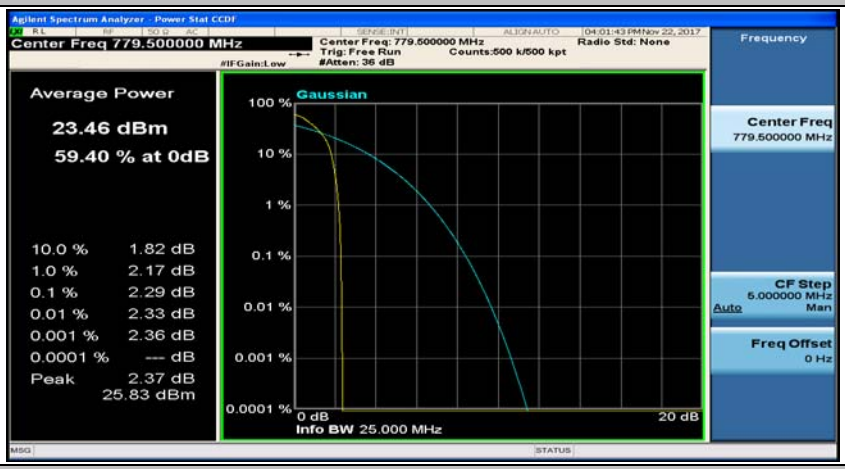
Test Graphs

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

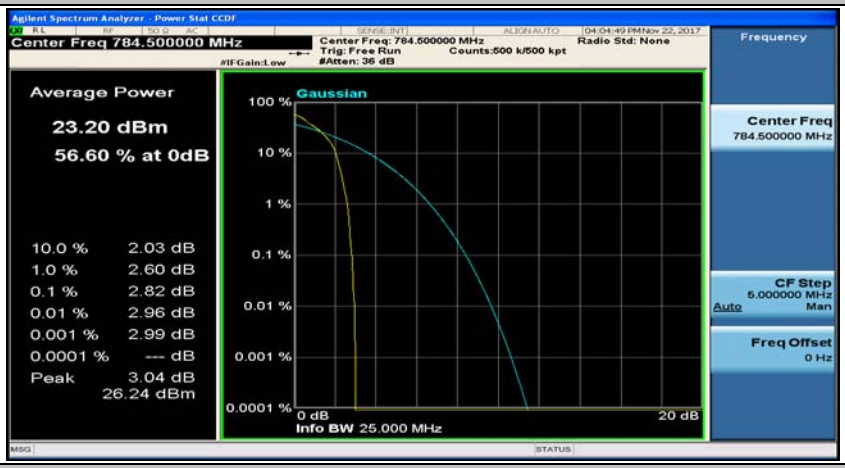
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13

(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0

(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

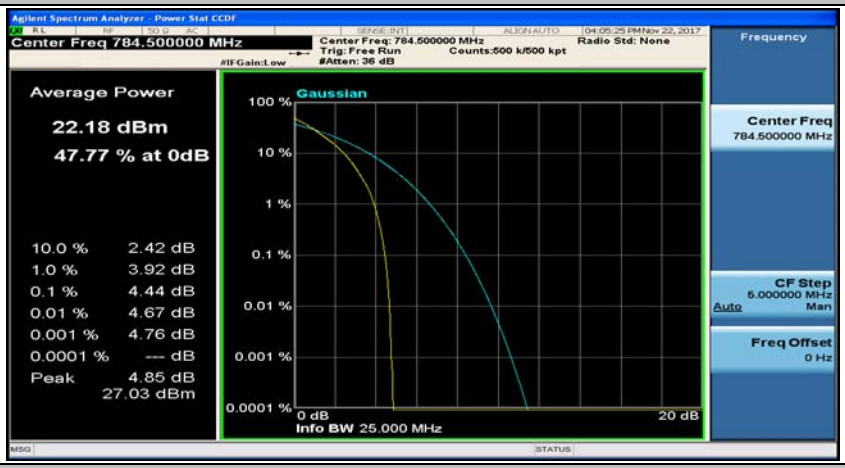
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0

(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6

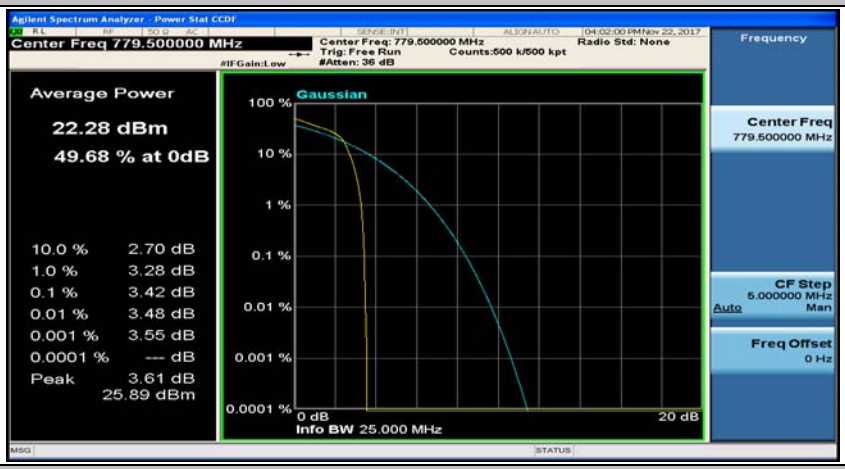
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0

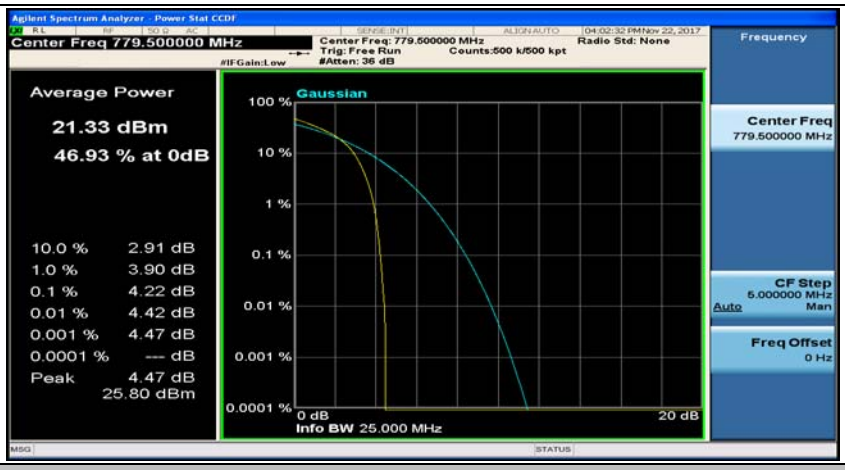
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12

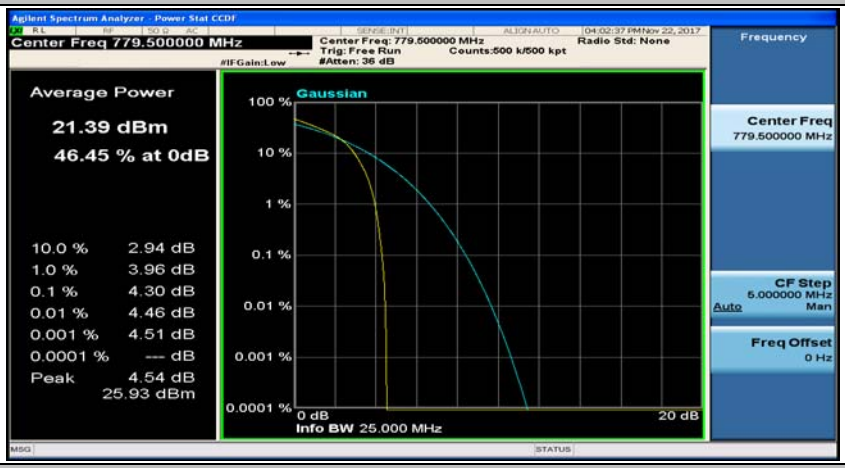


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24

(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



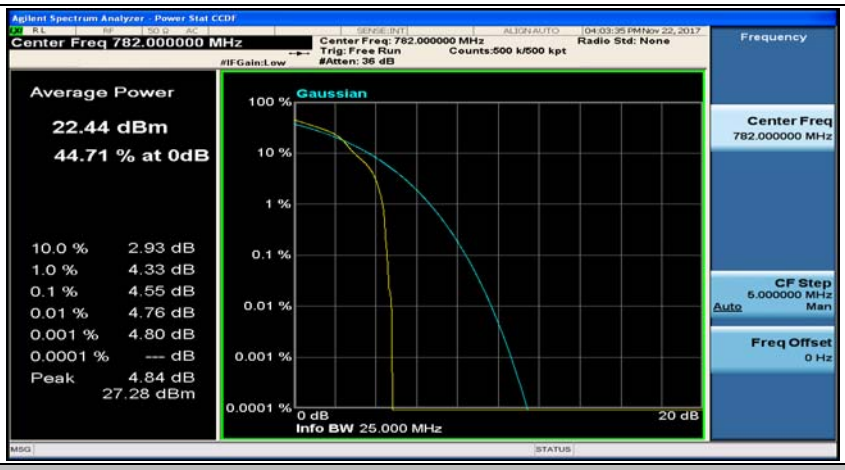
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13

(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0

(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12

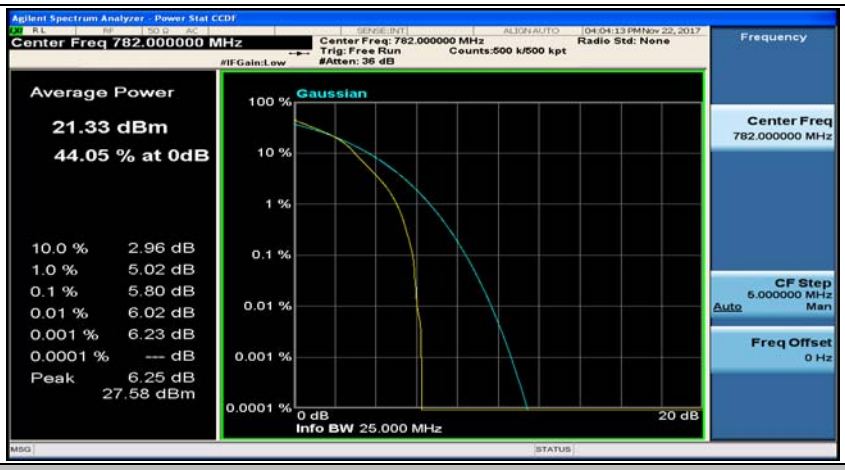
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0

(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6

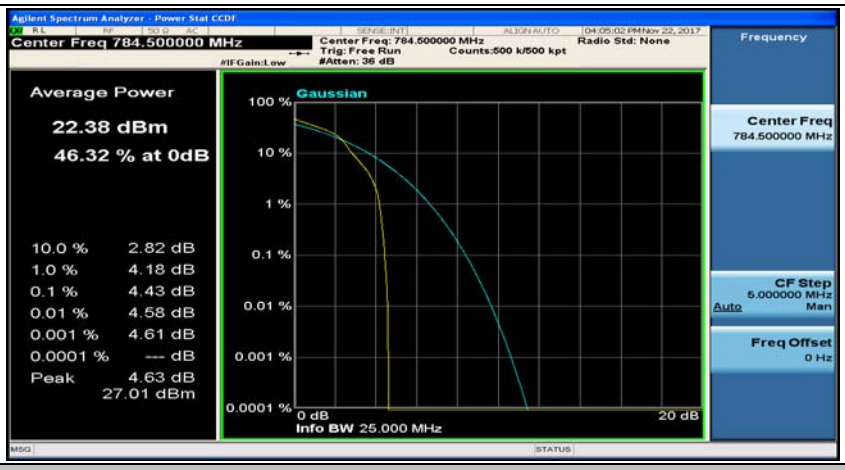
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

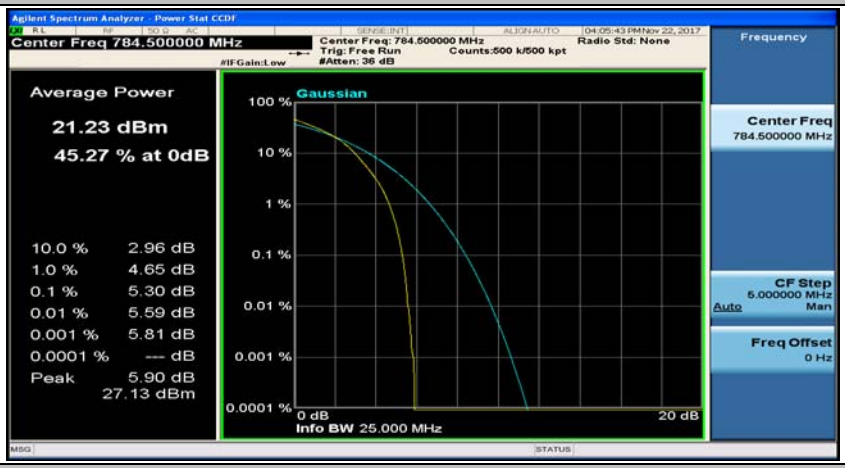


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24

(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0

(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6

(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

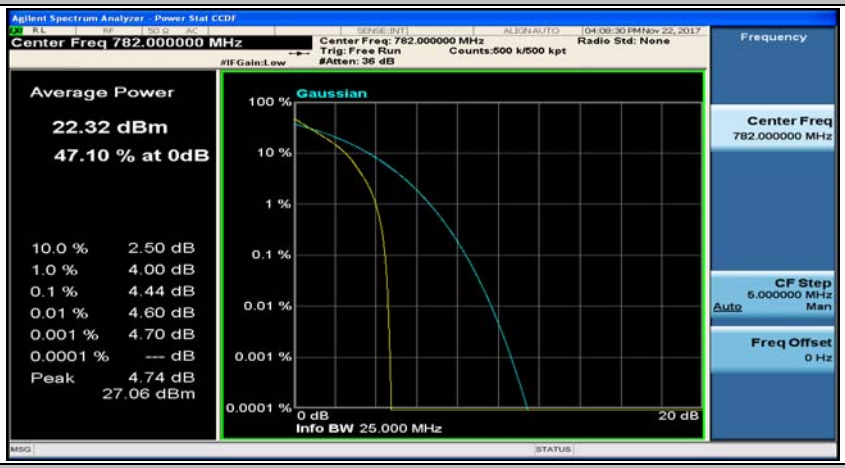


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

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_25RB#0

Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12



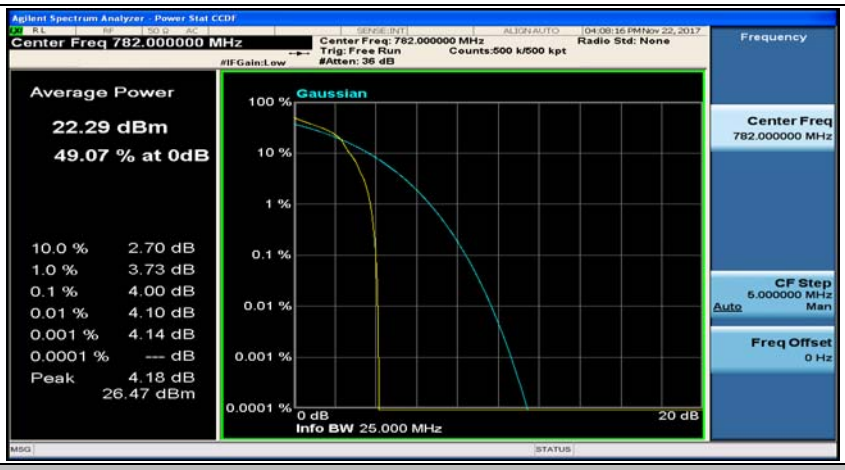
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25

Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0

Channel Bandwidth: 10 MHz_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

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	4.4871	4.912	PASS
	MCH	25	0	4.4907	4.914	PASS
	HCH	25	0	4.4869	4.812	PASS
16QAM	LCH	25	0	4.4916	5.003	PASS
	MCH	25	0	4.4991	4.876	PASS
	HCH	25	0	4.4805	4.815	PASS

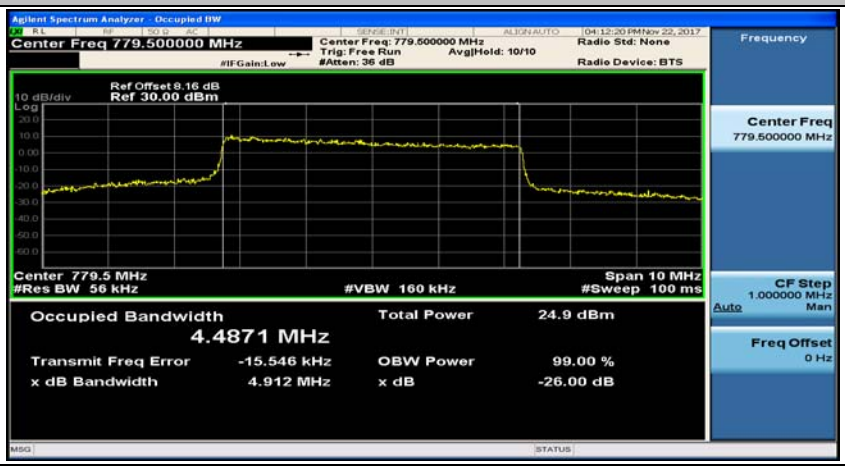
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	/	/	/	/	/
	MCH	50	0	9.0110	9.680	PASS
	HCH	/	/	/	/	/
16QAM	LCH	/	/	/	/	/
	MCH	50	0	9.0066	9.707	PASS
	HCH	/	/	/	/	/

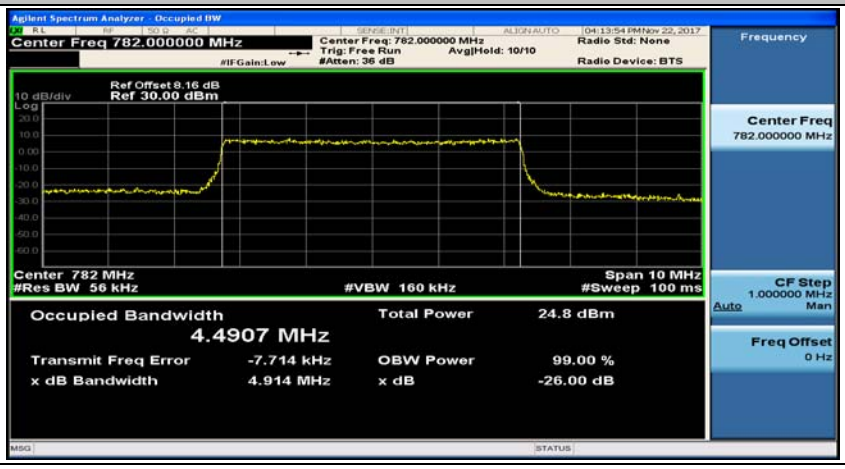
Test Graphs

Channel Bandwidth: 5 MHz

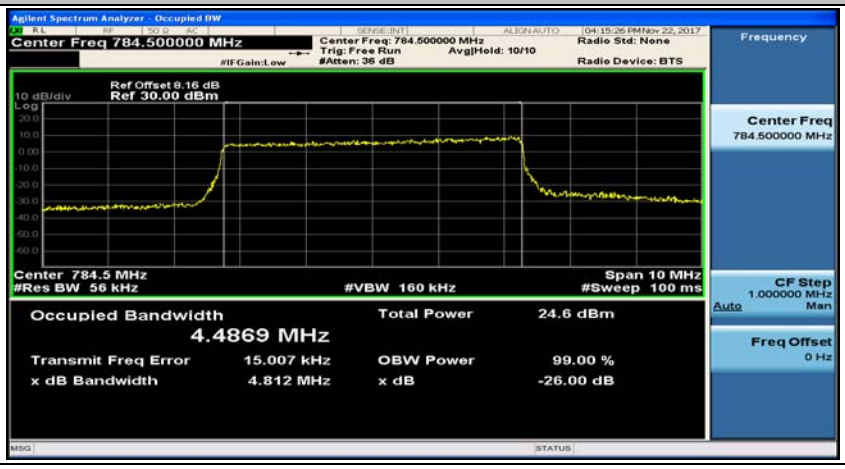
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



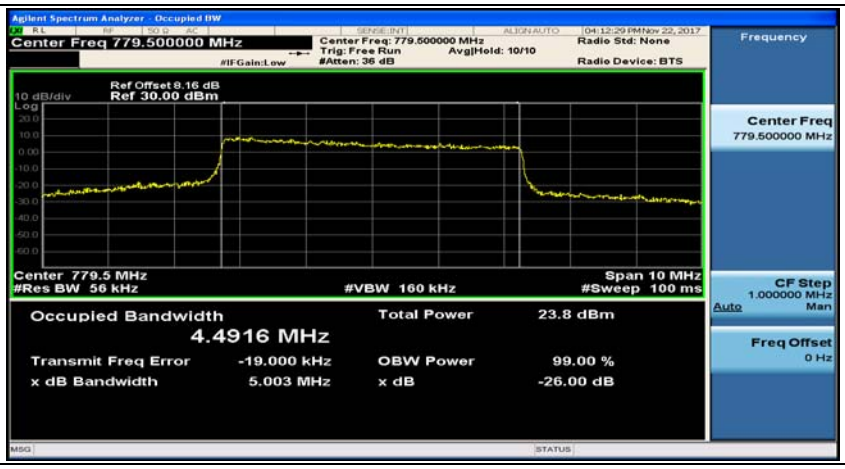
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



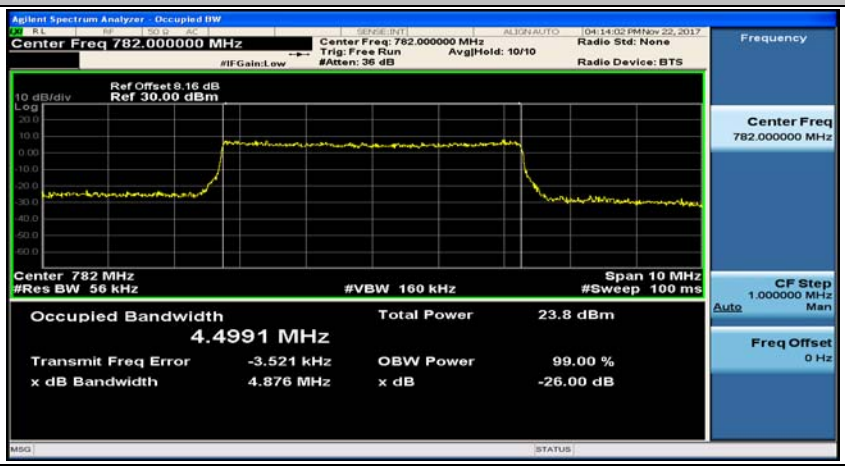
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



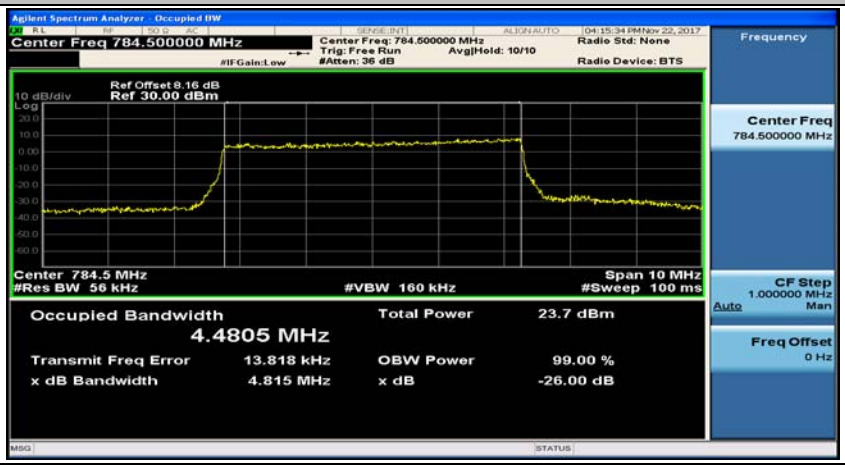
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



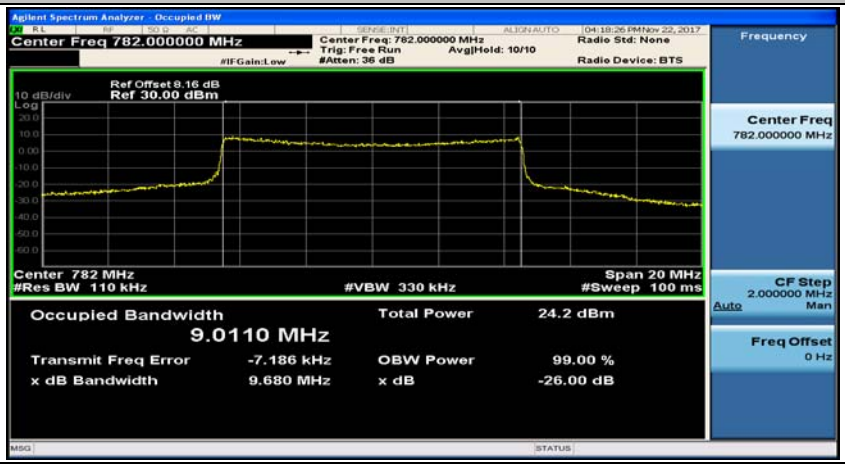
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

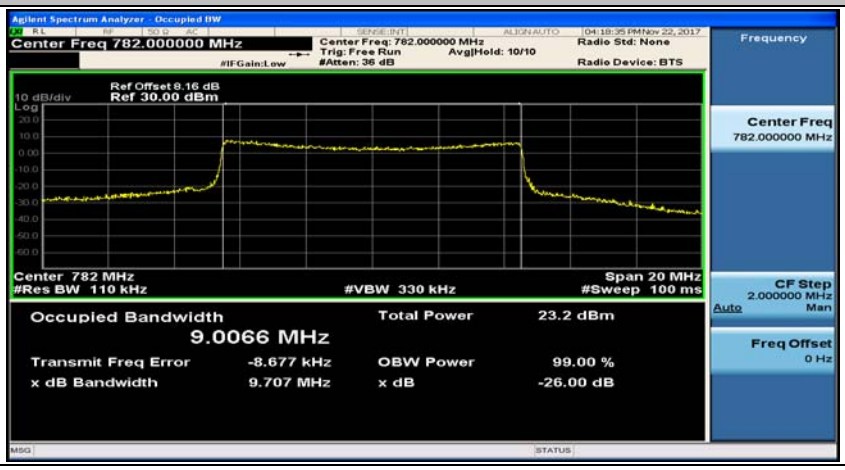


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0


Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0


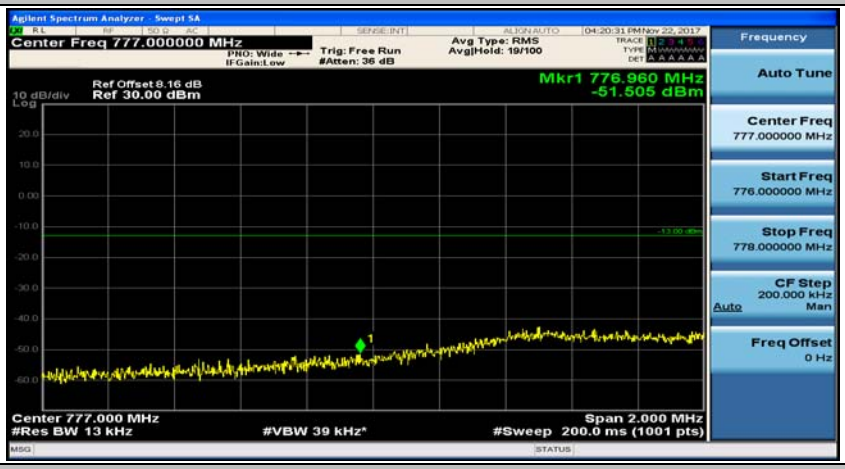
Appendix D: Band Edge

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

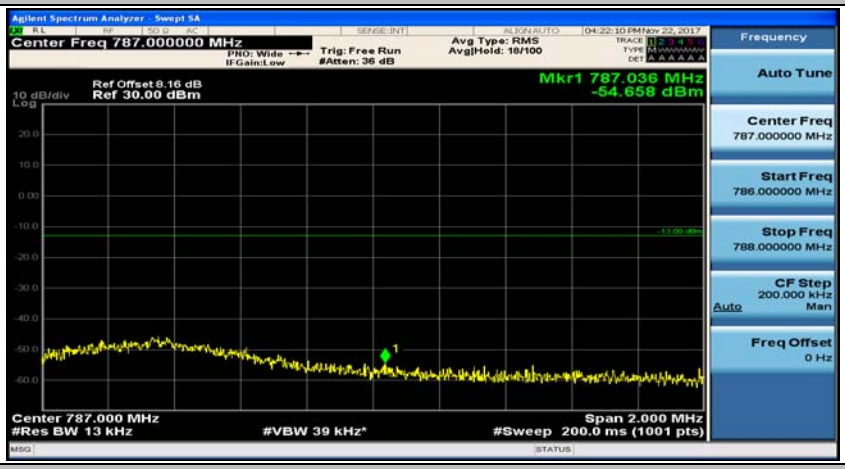
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6

(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13

(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0

(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

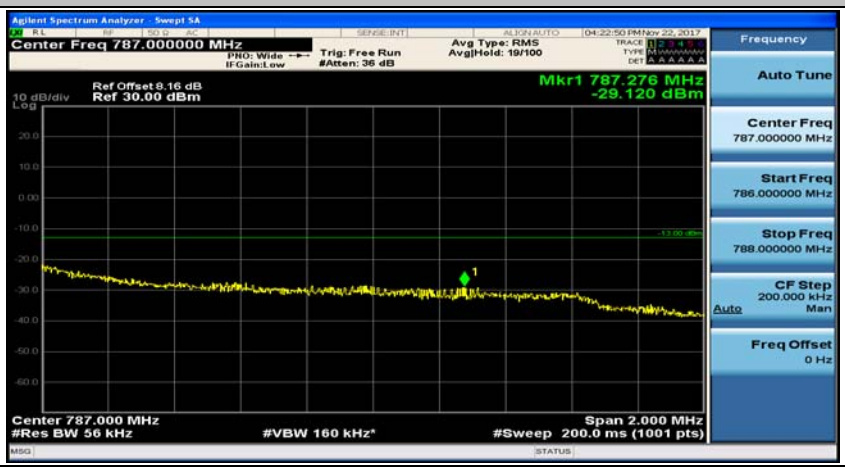
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24

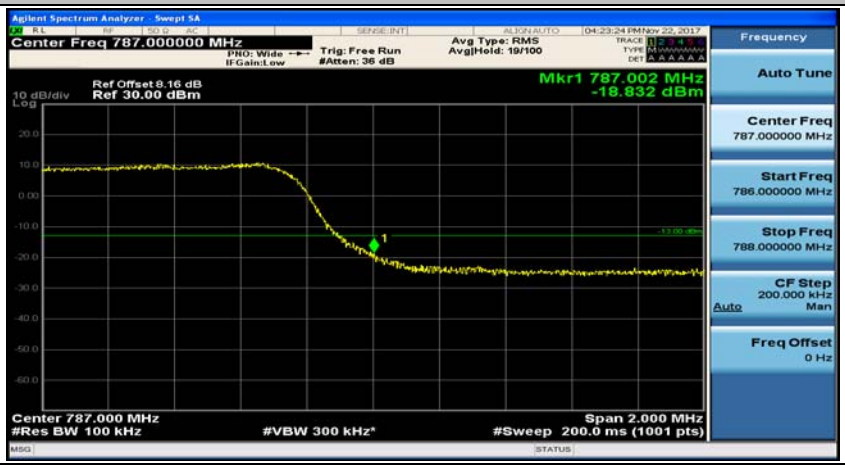
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0

(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6

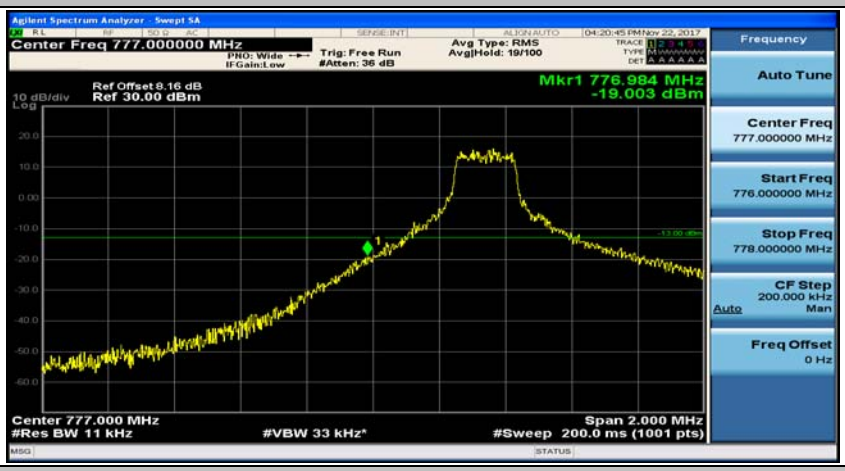


(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13

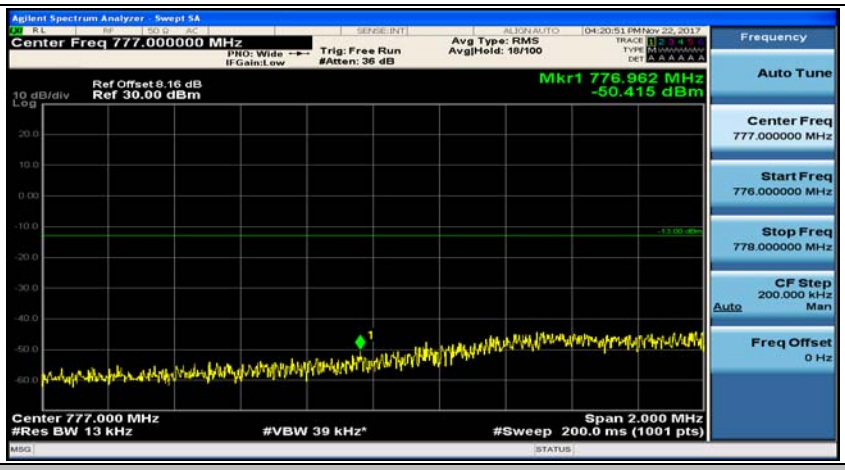
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

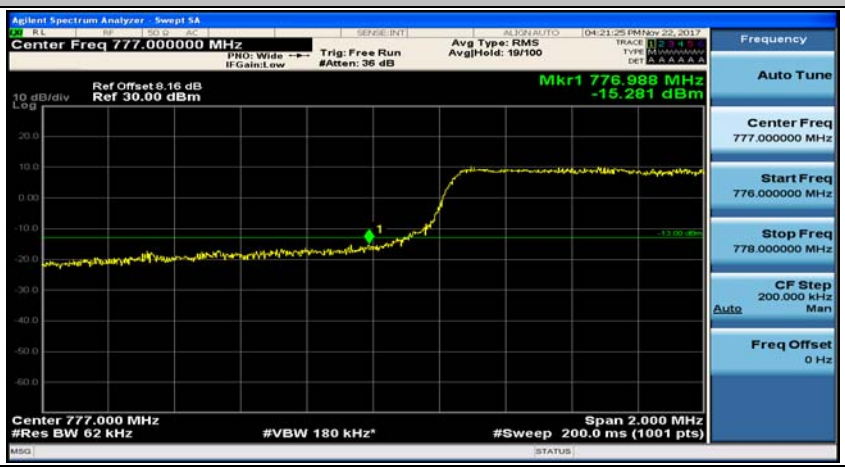


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



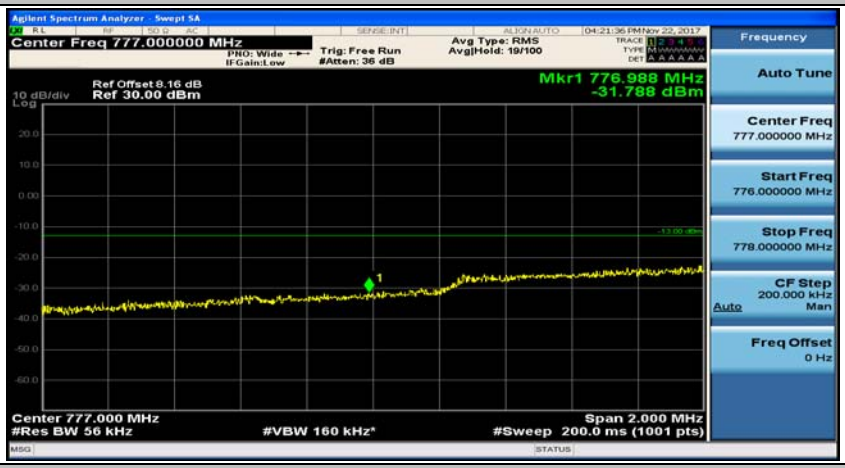
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24

(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0

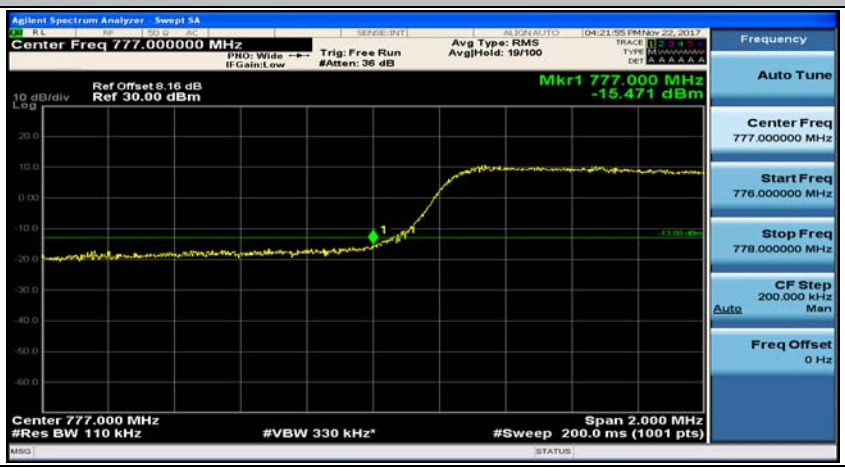


(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6

(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13

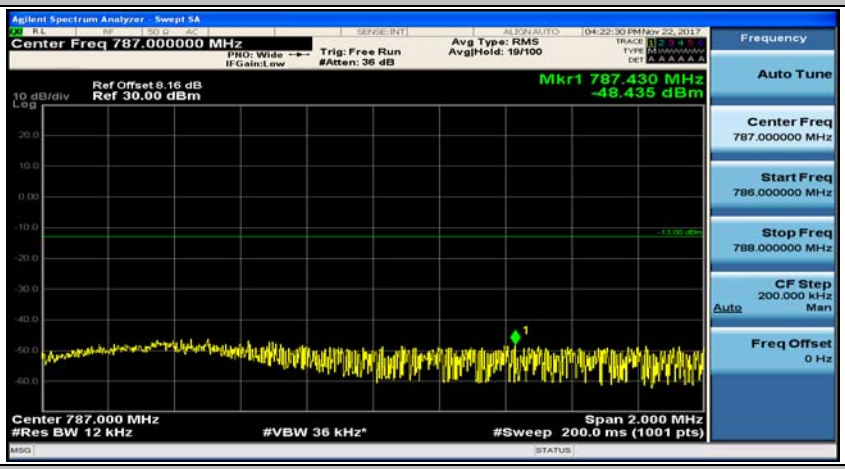


(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

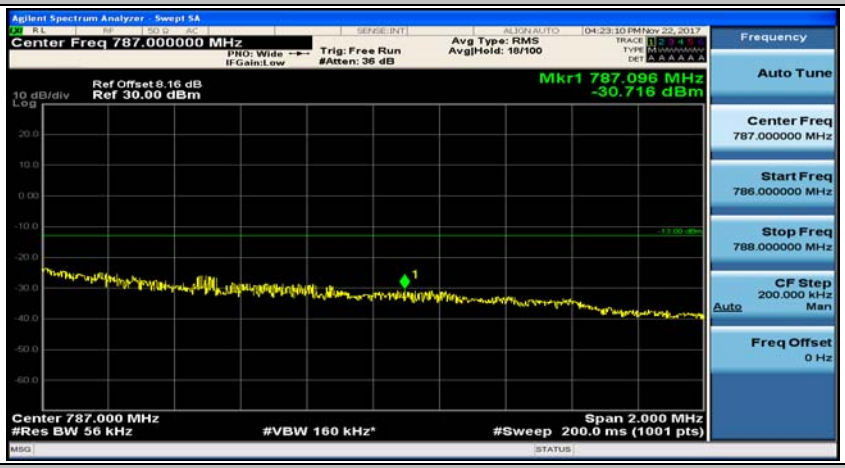
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



(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