

Appendix for Band 40(2305-2315MHz)

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	22.48	PASS
		1	12	22.71	PASS
		1	24	22.29	PASS
		12	0	21.51	PASS
		12	6	21.50	PASS
		12	13	21.39	PASS
		25	0	21.45	PASS
	HCH	1	0	22.30	PASS
		1	12	22.56	PASS
		1	24	22.15	PASS
		12	0	21.32	PASS
		12	6	21.32	PASS
		12	13	21.25	PASS
		25	0	21.30	PASS
16QAM	LCH	1	0	21.67	PASS
		1	12	21.94	PASS
		1	24	21.51	PASS
		12	0	20.56	PASS
		12	6	20.58	PASS
		12	13	20.45	PASS
		25	0	20.51	PASS
	HCH	1	0	21.67	PASS
		1	12	21.93	PASS
		1	24	21.58	PASS
		12	0	20.44	PASS
		12	6	20.44	PASS
		12	13	20.38	PASS
		25	0	20.36	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	MCH	1	0	22.55	PASS
		1	24	22.41	PASS
		1	49	22.15	PASS
		25	0	21.46	PASS
		25	12	21.37	PASS
		25	25	21.28	PASS
		50	0	21.40	PASS
16QAM	MCH	1	0	21.83	PASS
		1	24	21.79	PASS
		1	49	21.58	PASS
		25	0	20.53	PASS
		25	12	20.47	PASS
		25	25	20.36	PASS
		50	0	20.50	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	8.26	<13	PASS
		1	12	7.3	<13	PASS
		1	24	11.43	<13	PASS
		12	0	8.3	<13	PASS
		12	6	9.81	<13	PASS
		12	13	10.05	<13	PASS
		25	0	8.12	<13	PASS
	HCH	1	0	8.92	<13	PASS
		1	12	9.54	<13	PASS
		1	24	7.36	<13	PASS
		12	0	10.37	<13	PASS
		12	6	8.97	<13	PASS
		12	13	10.49	<13	PASS
		25	0	8.53	<13	PASS
16QAM	LCH	1	0	8.12	<13	PASS
		1	12	8.89	<13	PASS
		1	24	10.53	<13	PASS
		12	0	9.21	<13	PASS
		12	6	8.69	<13	PASS
		12	13	9.92	<13	PASS
		25	0	8.5	<13	PASS
	HCH	1	0	9.94	<13	PASS
		1	12	8.58	<13	PASS
		1	24	10.39	<13	PASS
		12	0	9.19	<13	PASS
		12	6	8.81	<13	PASS
		12	13	12.87	<13	PASS
		25	0	10.96	<13	PASS

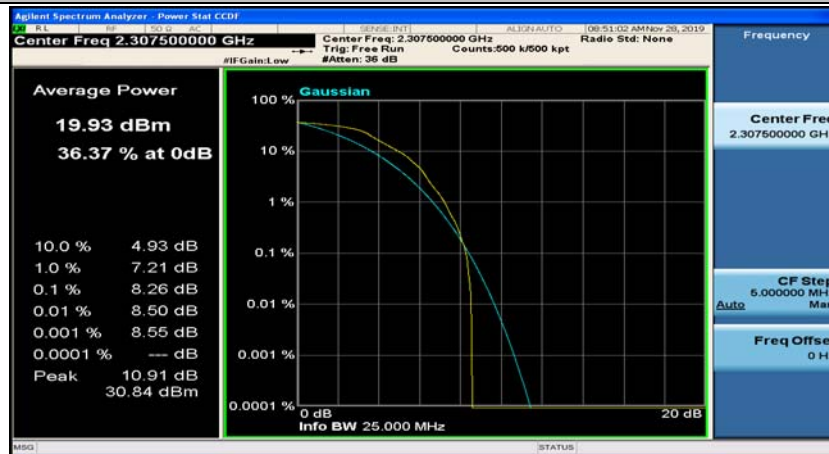
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	MCH	1	0	9.97	<13	PASS
		1	24	6.75	<13	PASS
		1	49	8.84	<13	PASS
		25	0	8	<13	PASS
		25	12	10.47	<13	PASS
		25	25	9.62	<13	PASS
		50	0	10.22	<13	PASS
16QAM	MCH	1	0	9.08	<13	PASS
		1	24	8.54	<13	PASS
		1	49	9.98	<13	PASS
		25	0	9.3	<13	PASS
		25	12	10.26	<13	PASS
		25	25	9.72	<13	PASS
		50	0	10.69	<13	PASS

Test Graphs

Channel Bandwidth: 5 MHz

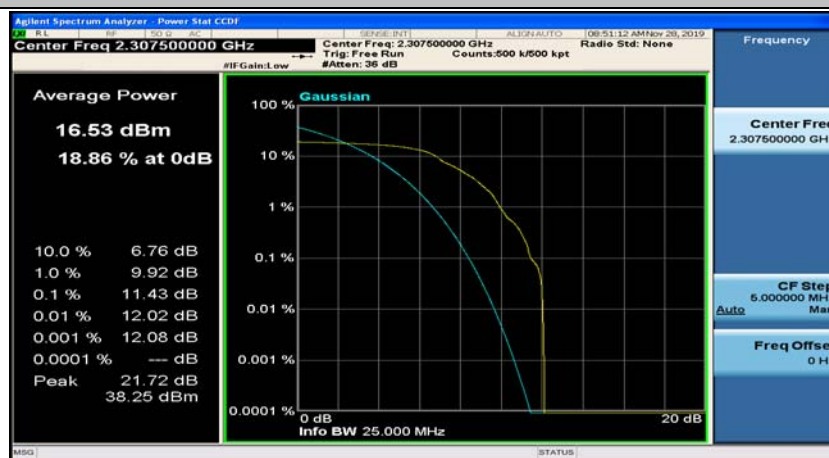
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



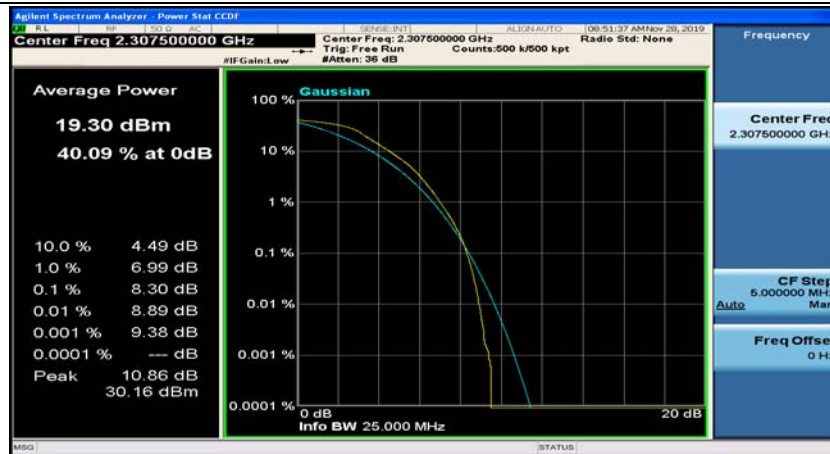
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



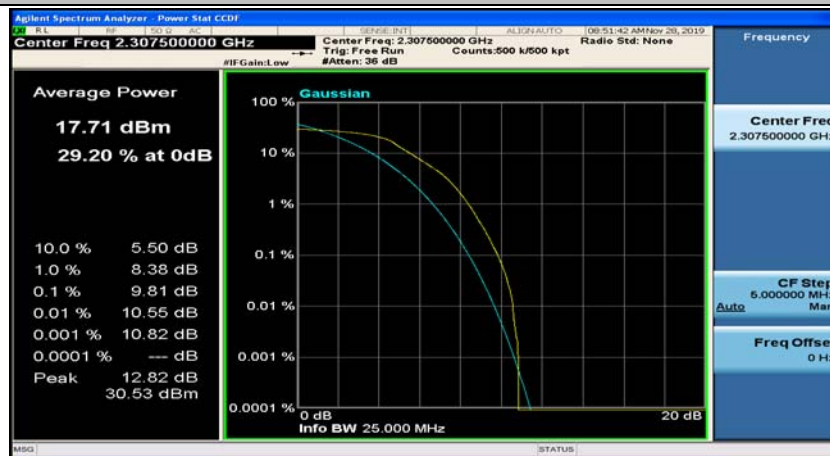
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



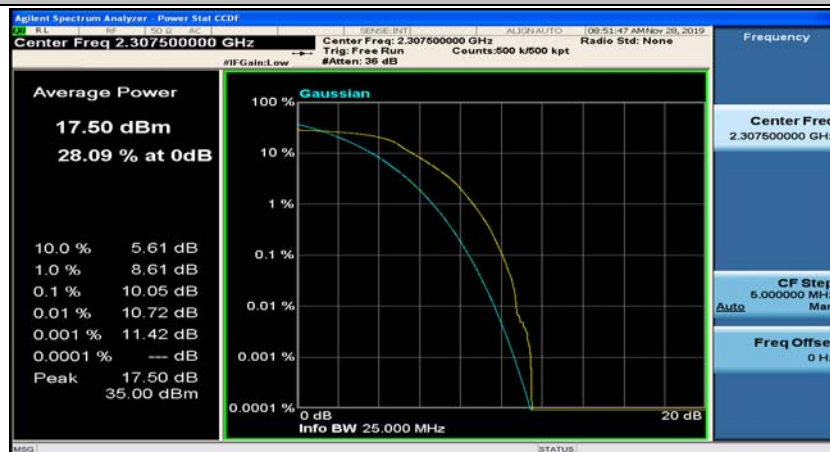
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



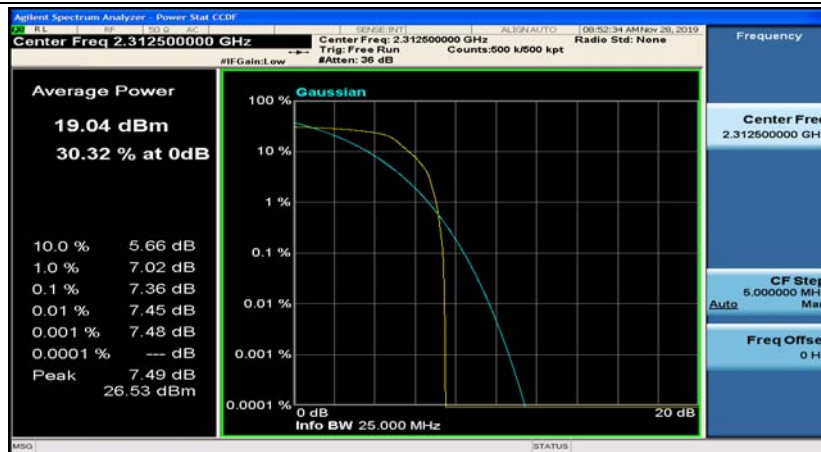
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



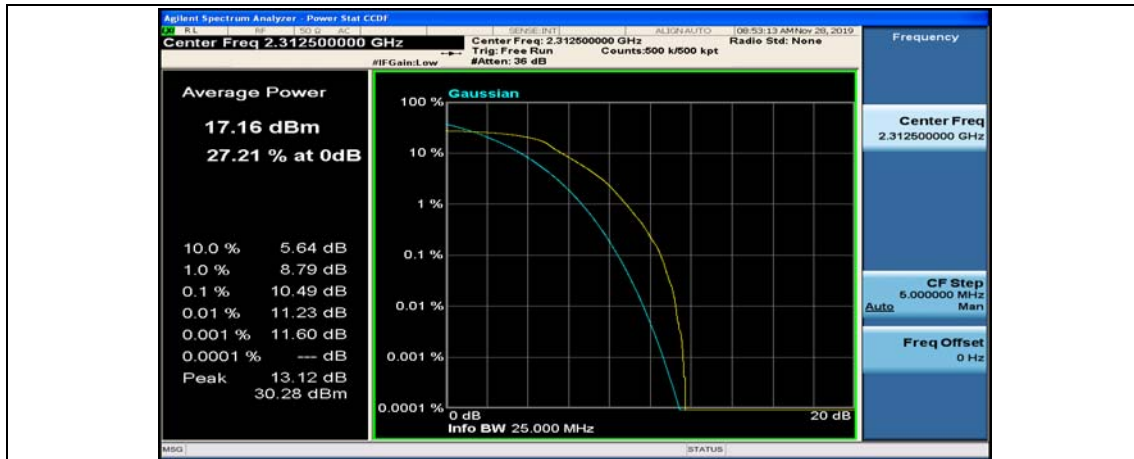
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



(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



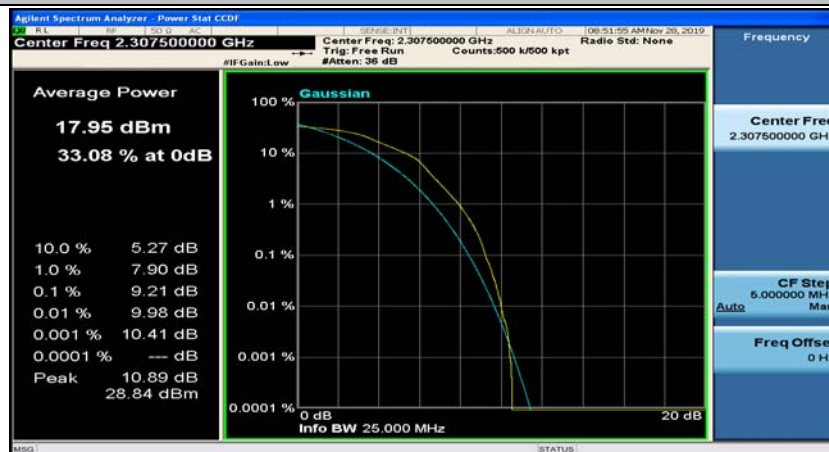
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



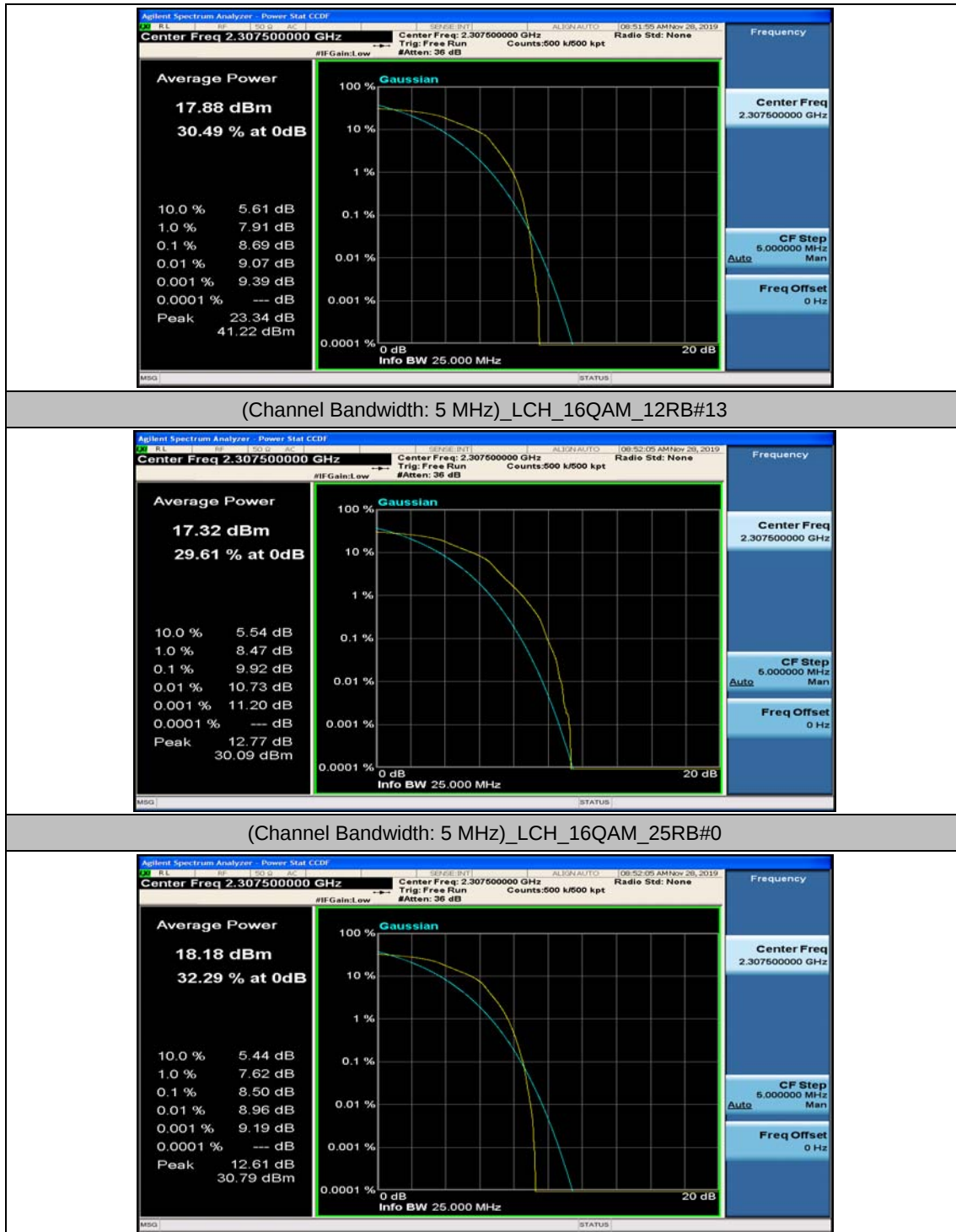
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



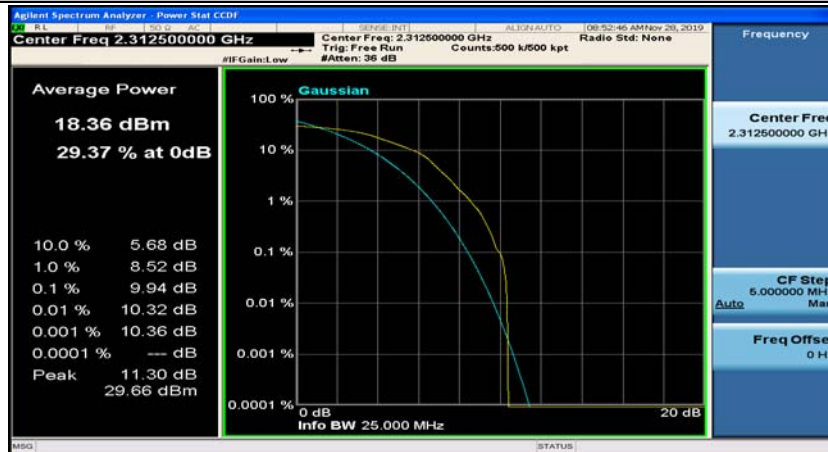
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



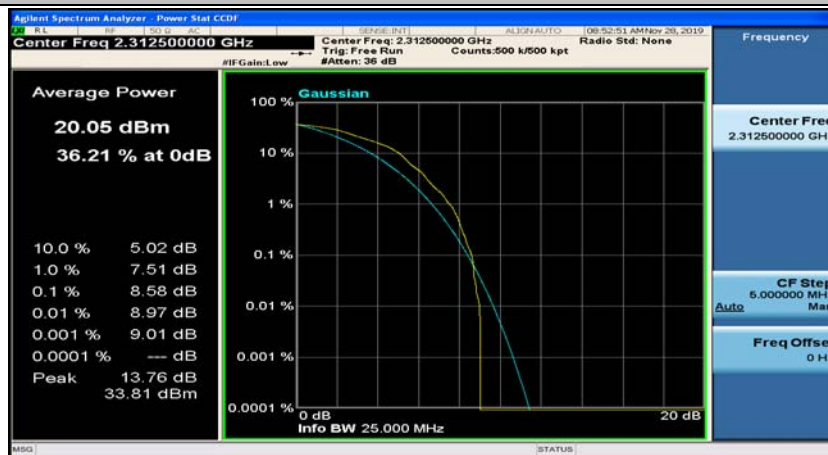
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



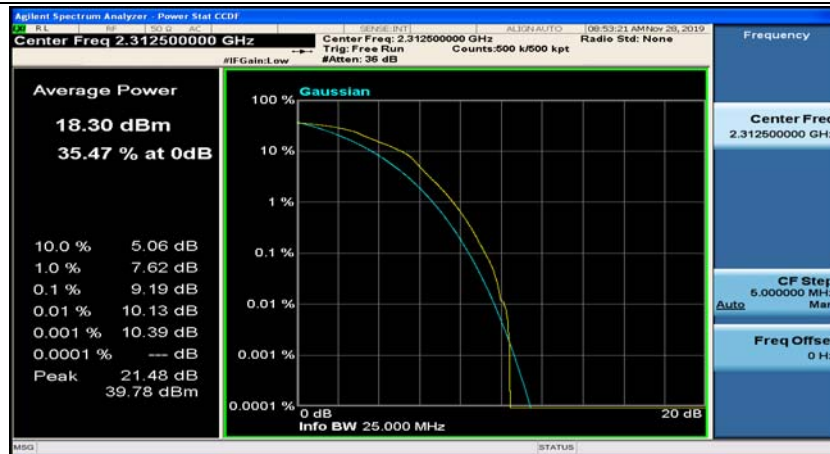
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



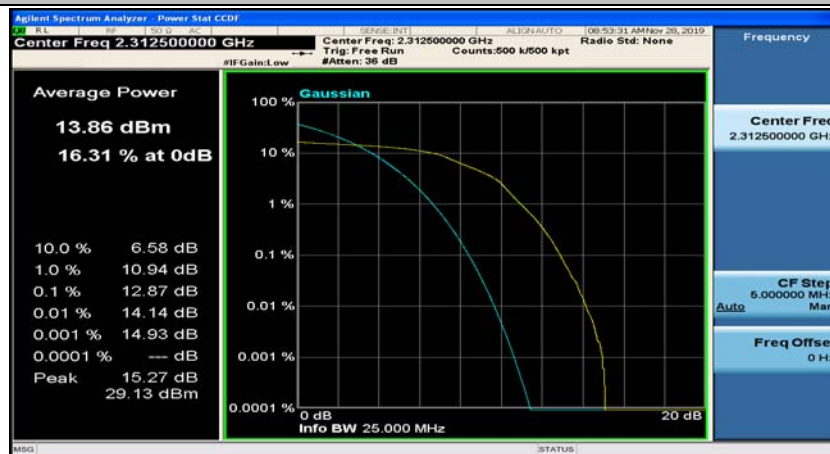
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



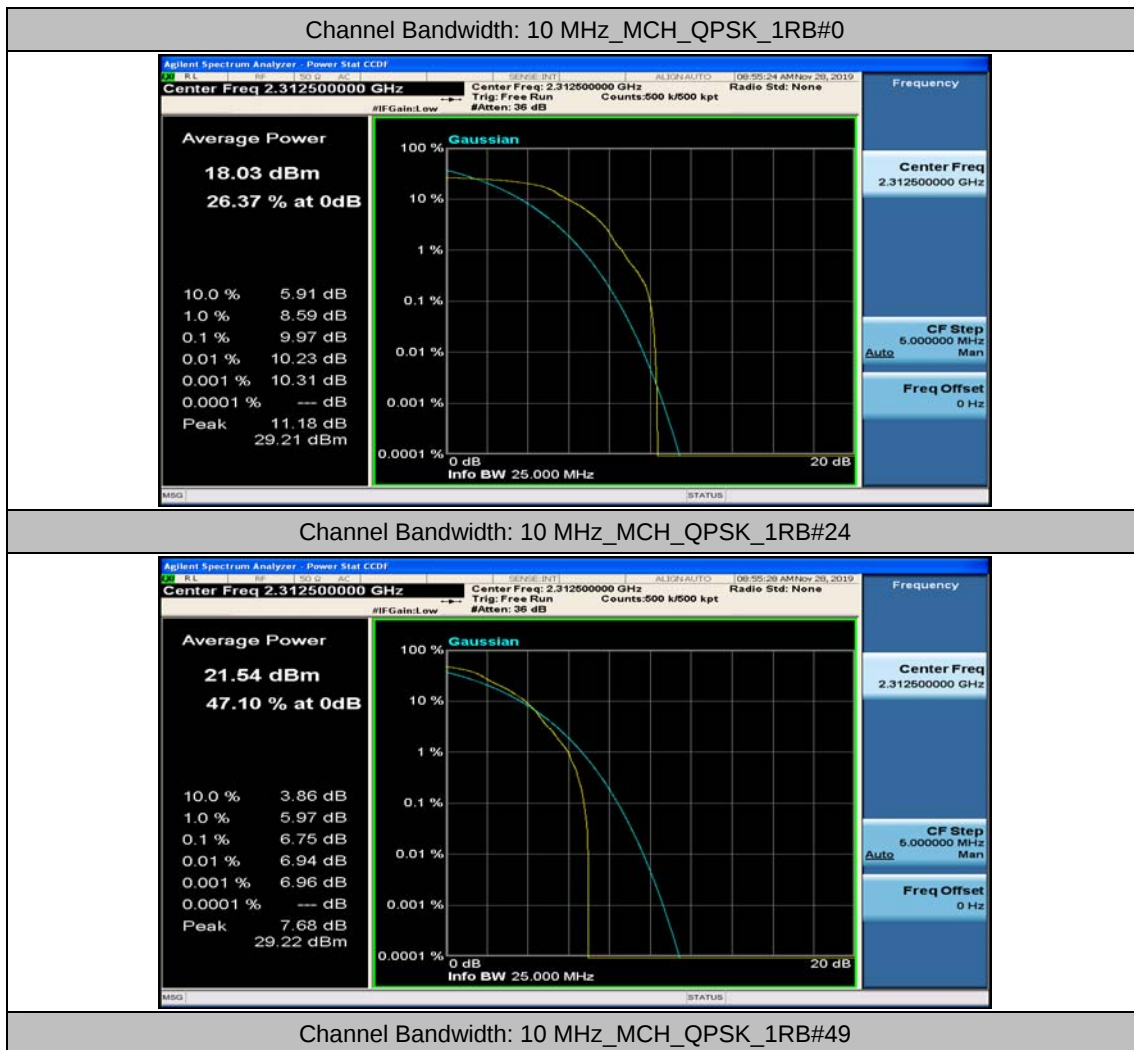
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

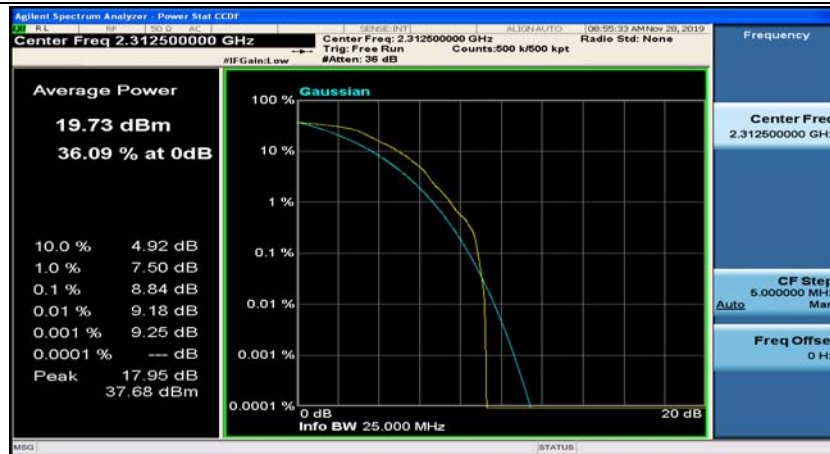


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

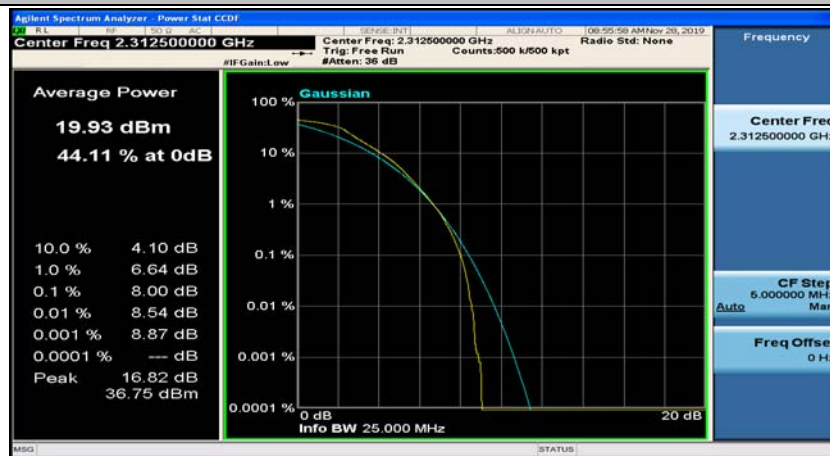


Channel Bandwidth: 10 MHz





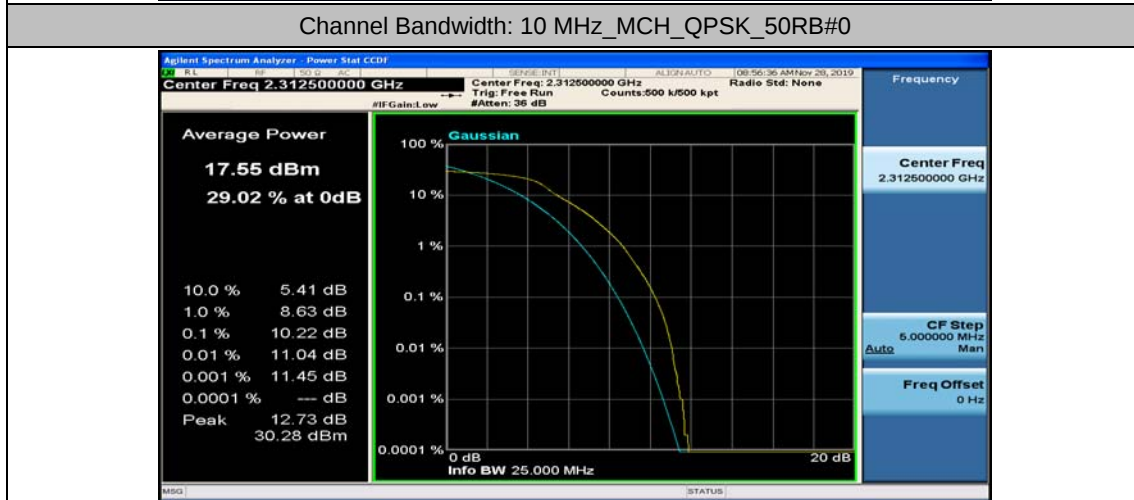
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0

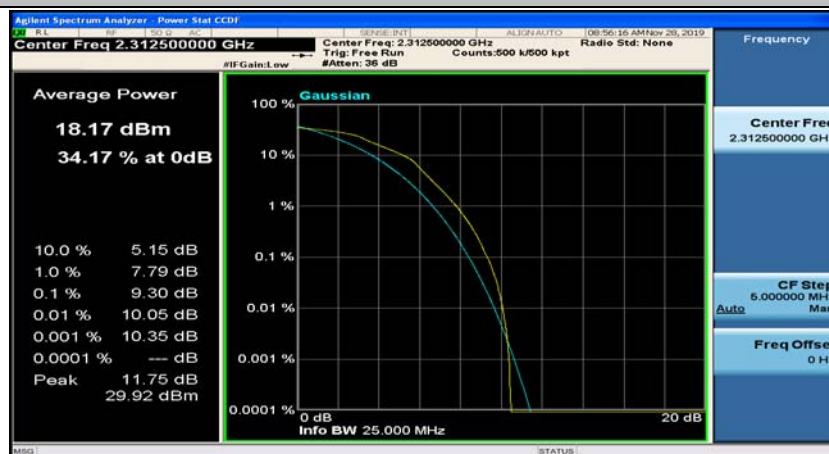
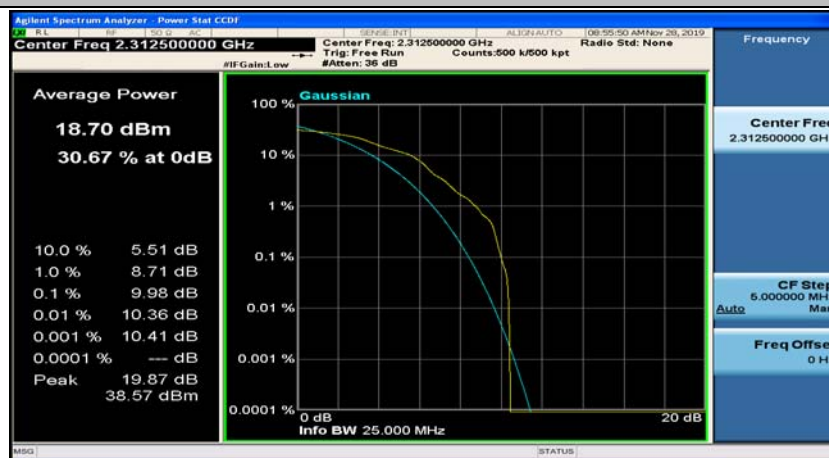
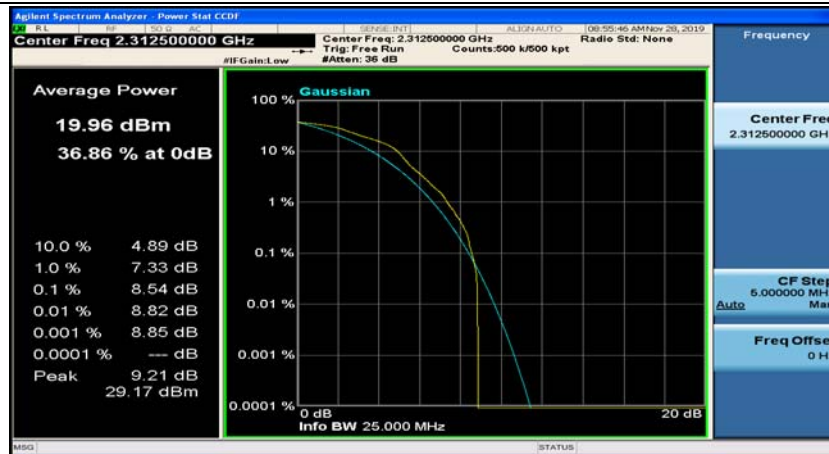


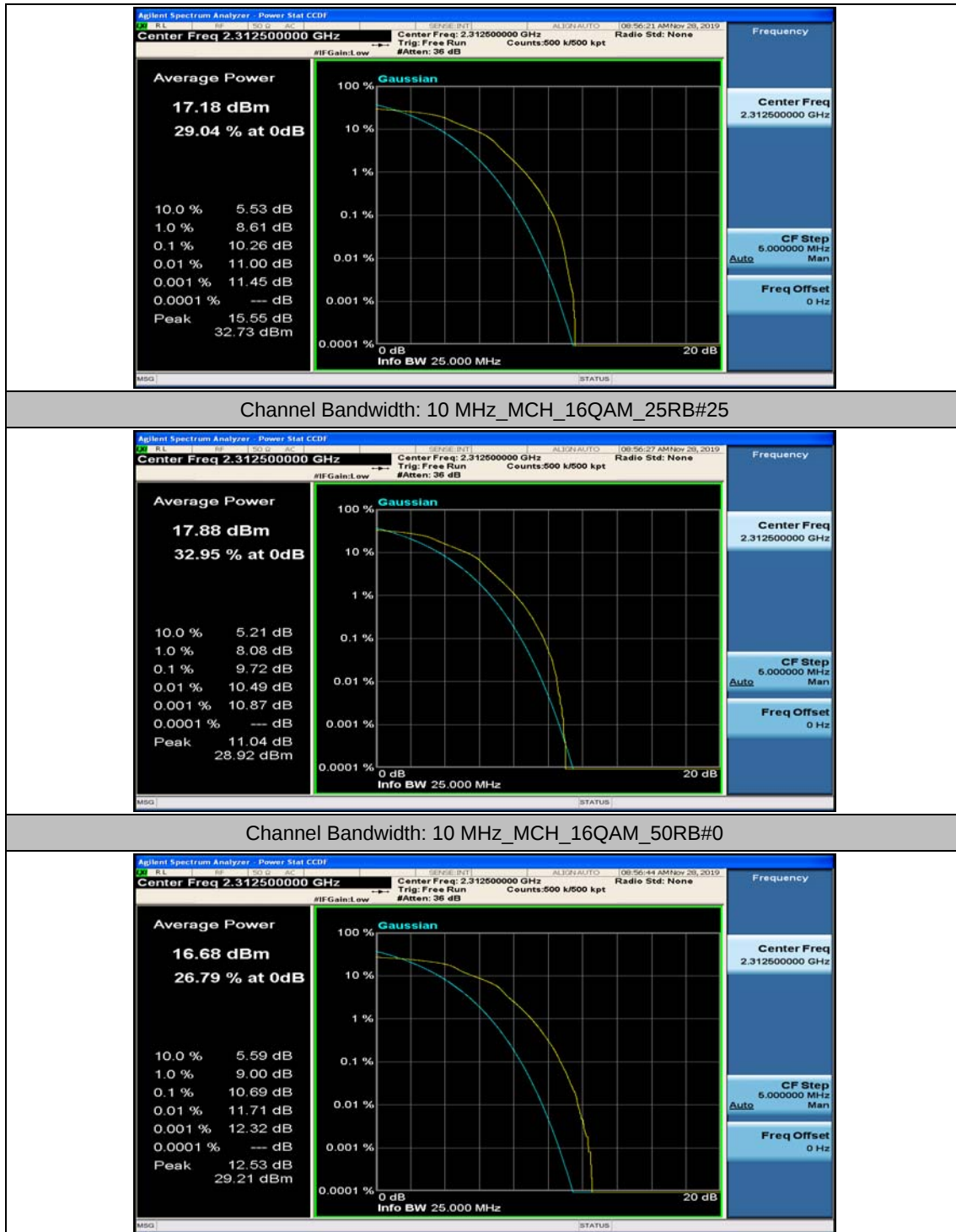
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25







Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Channel Bandwidth: 5 MHz

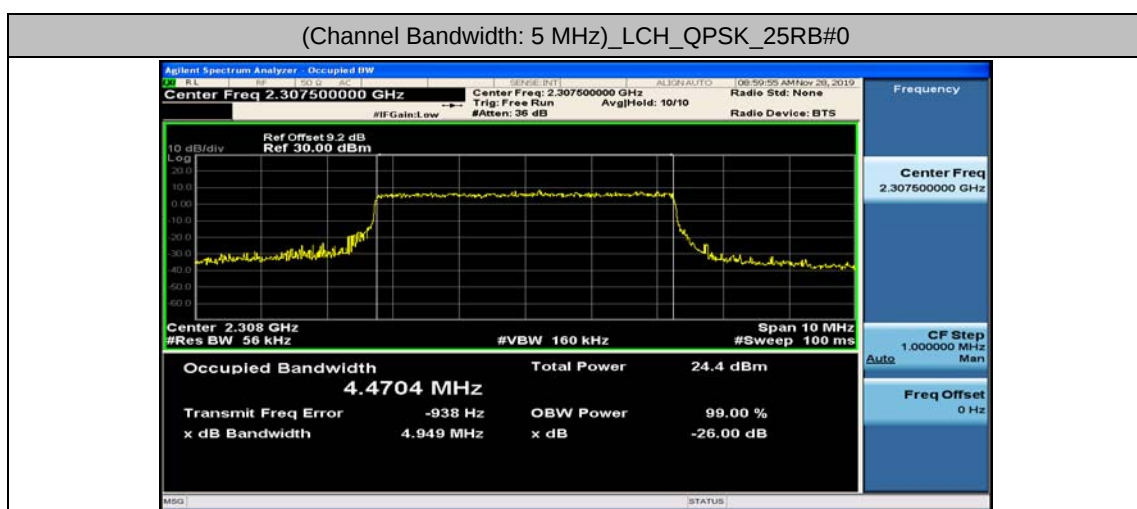
Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	25	0	4.4704	4.949	PASS
	HCH	25	0	4.4869	4.779	PASS
16QAM	LCH	25	0	4.4772	4.864	PASS
	HCH	25	0	4.4589	4.835	PASS

Channel Bandwidth: 10 MHz

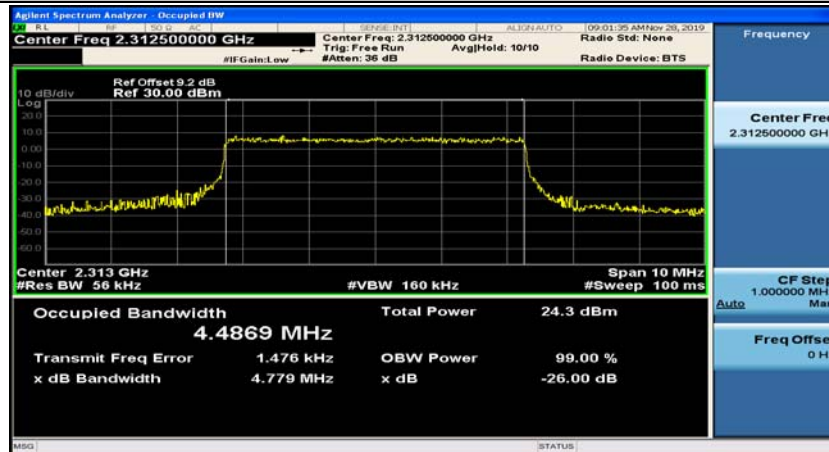
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	MCH	50	0	8.9467	9.444	PASS
16QAM	MCH	50	0	8.9377	9.510	PASS

Test Graphs

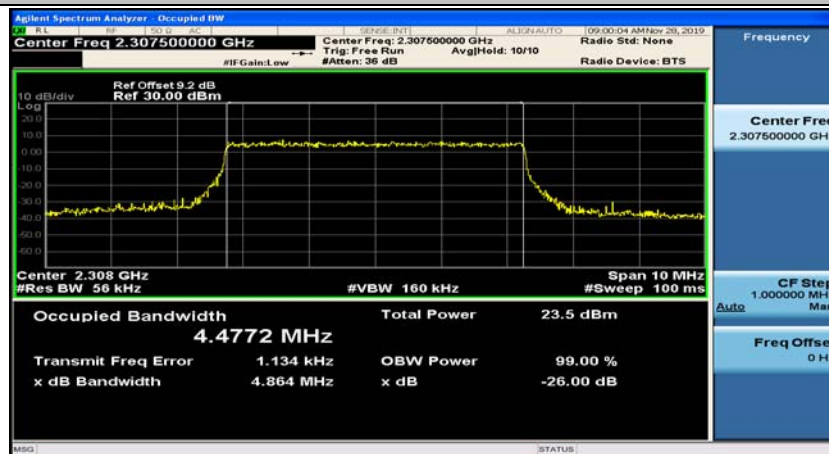
Channel Bandwidth: 5 MHz



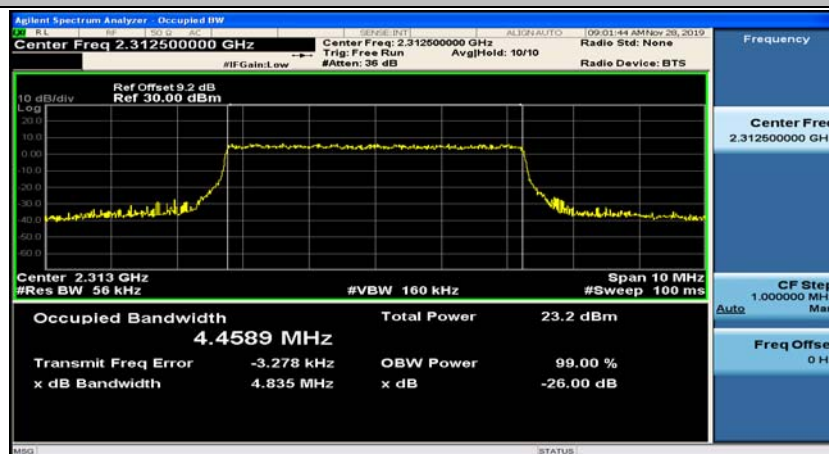
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



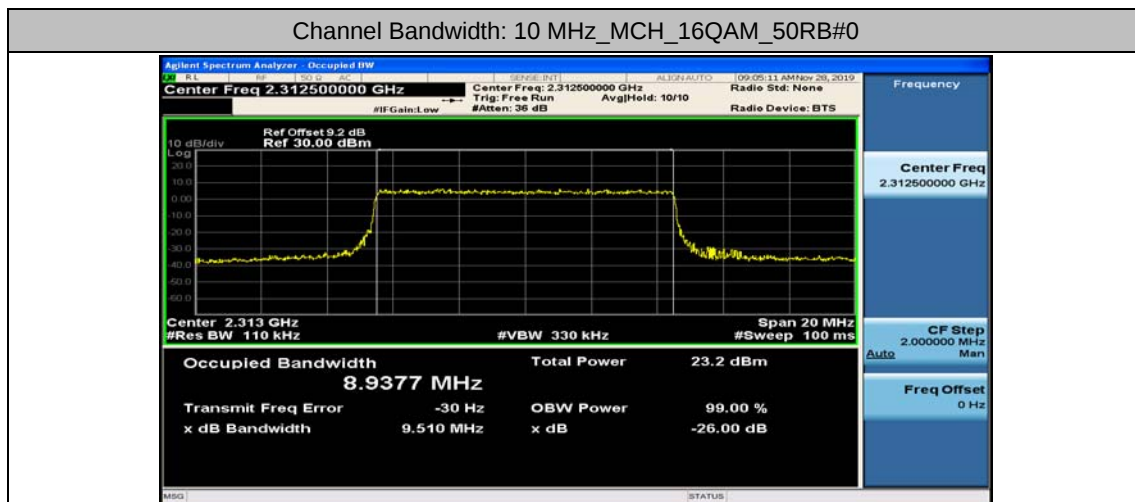
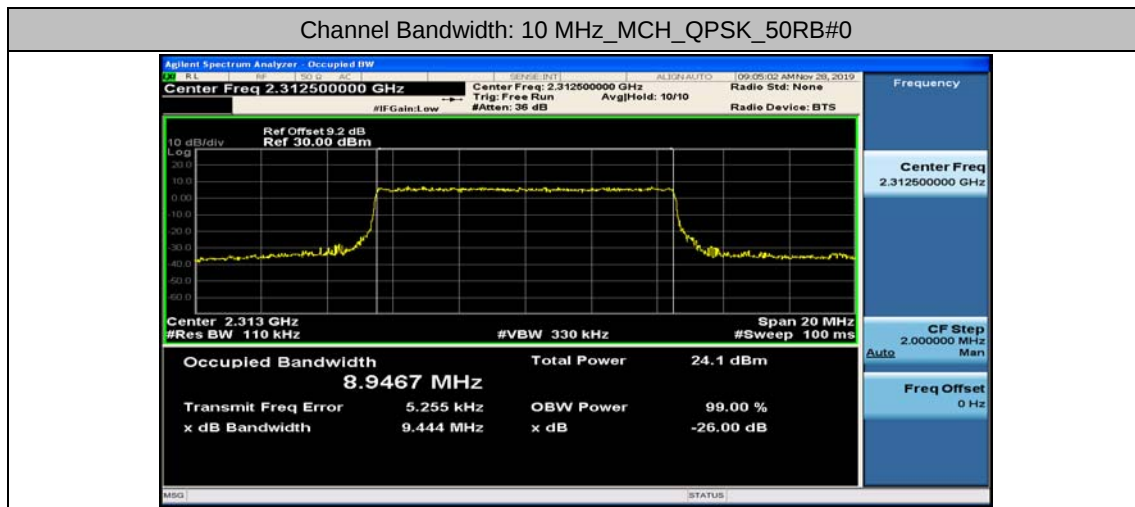
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz



Appendix D: Band Edge

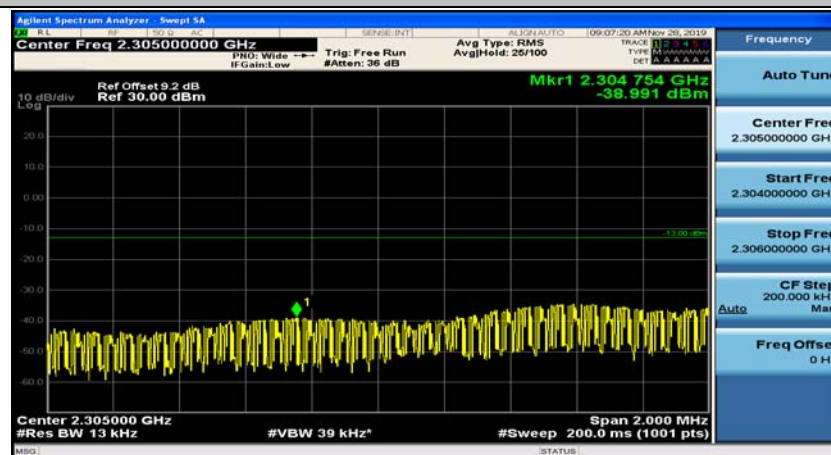
Test Graphs

Channel Bandwidth: 5 MHz

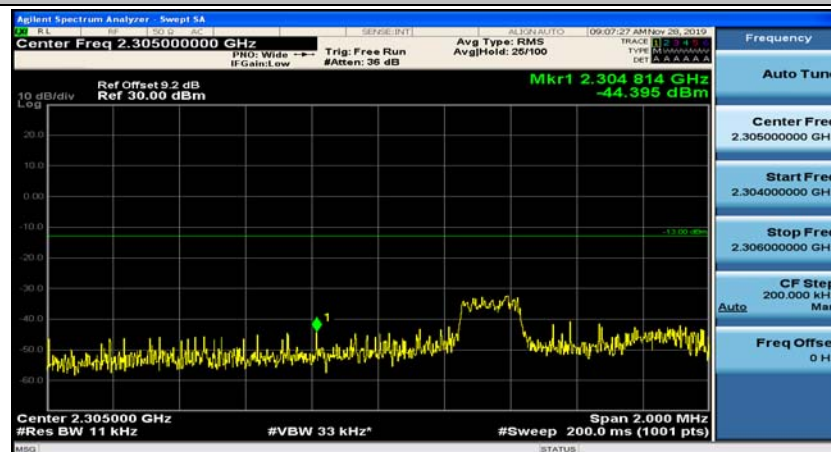
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



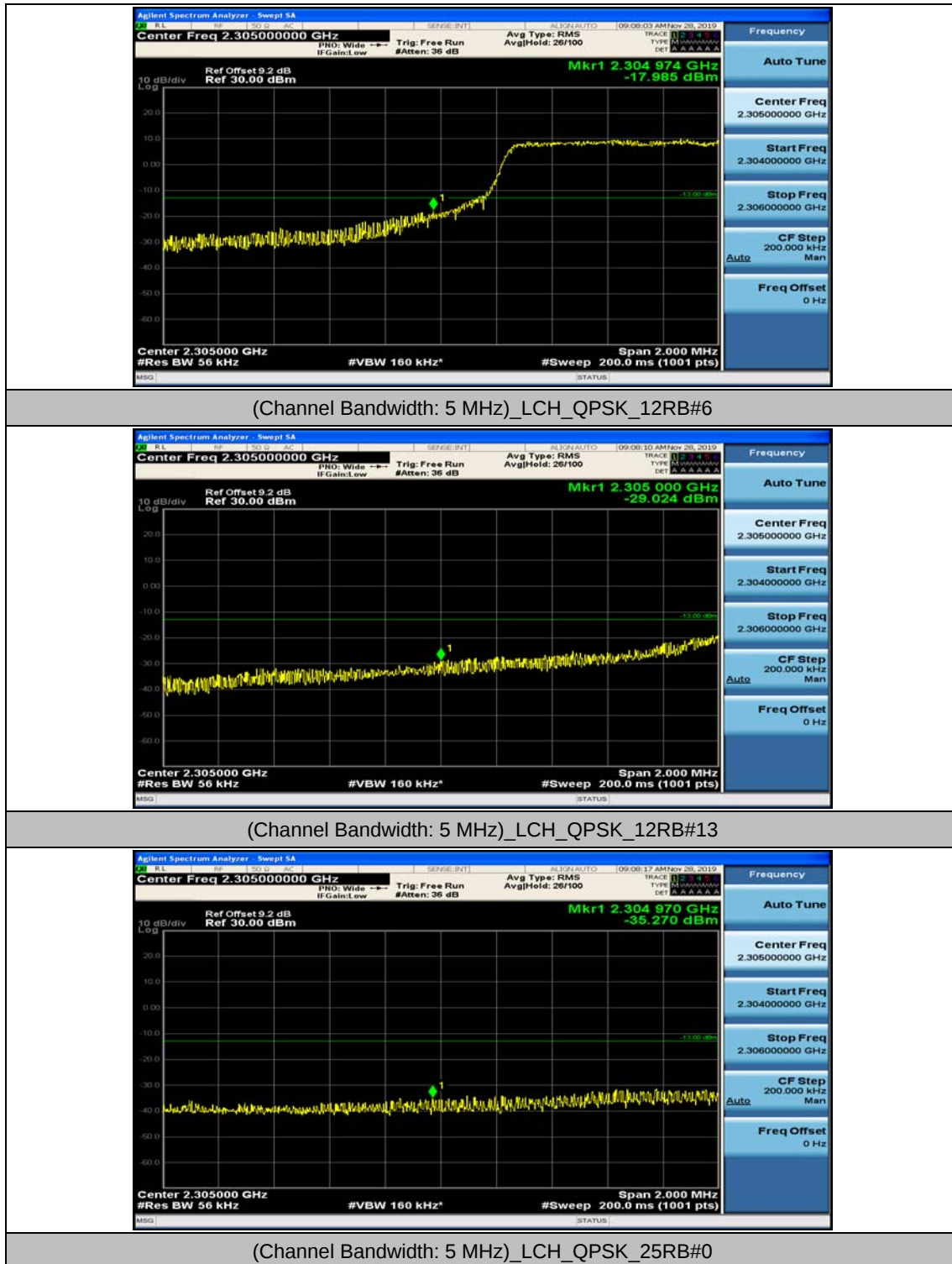
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12

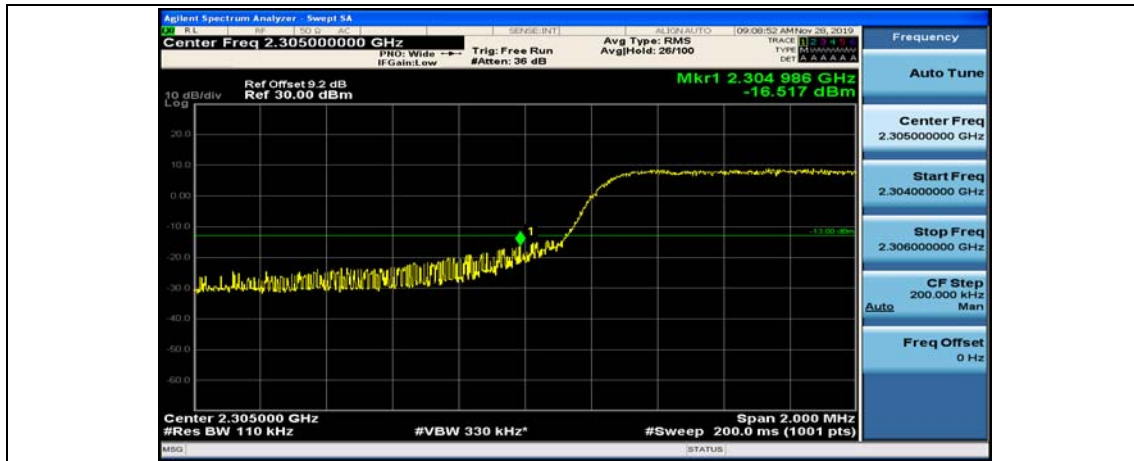


(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24

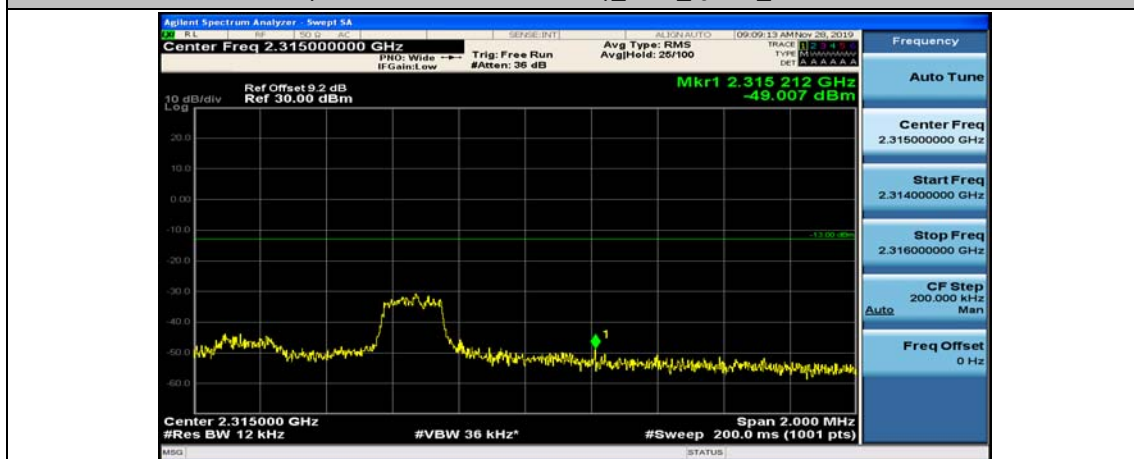


(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0

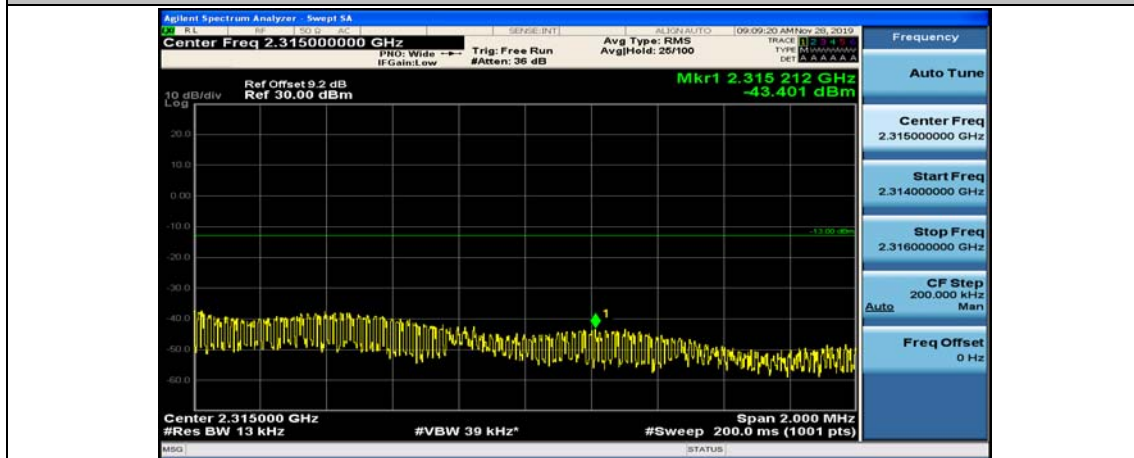




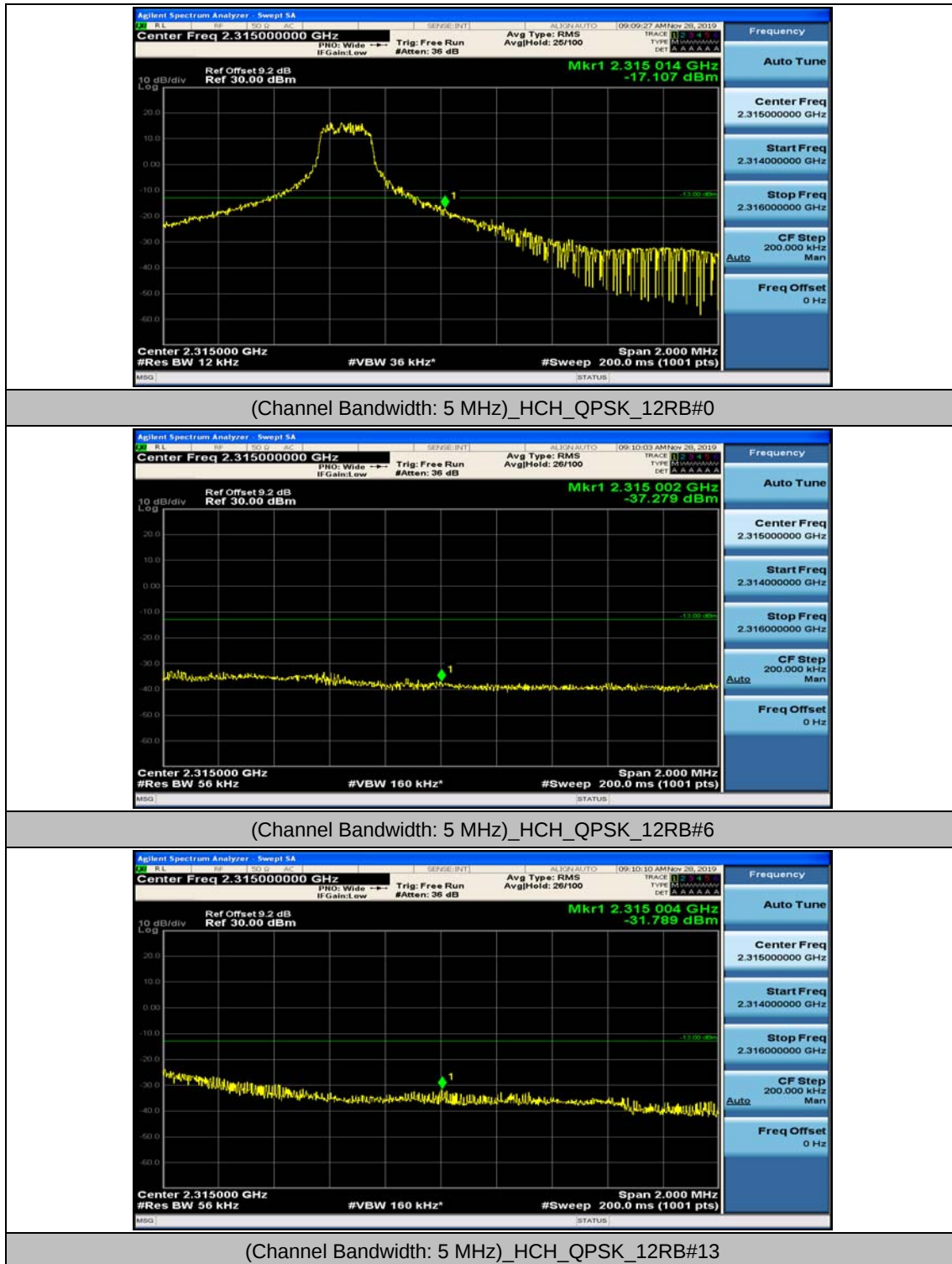
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

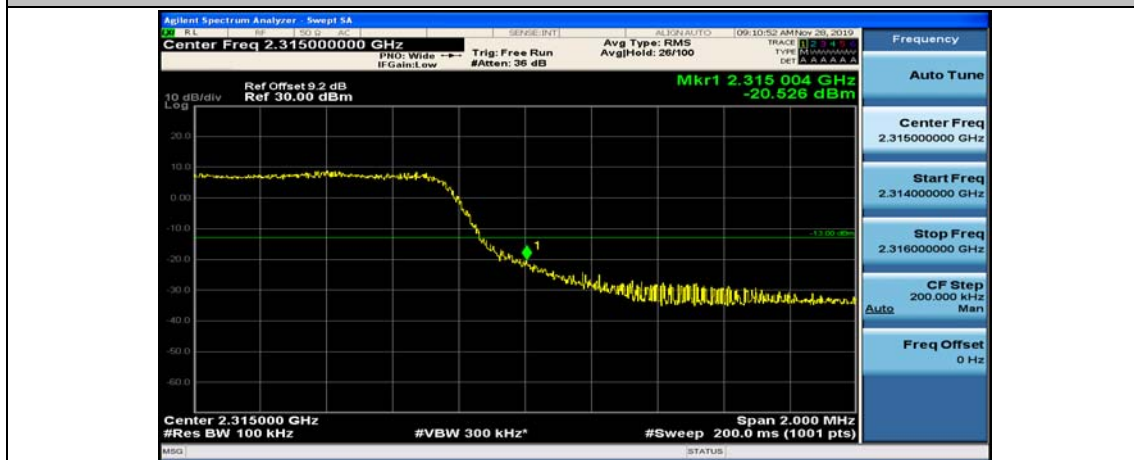


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24

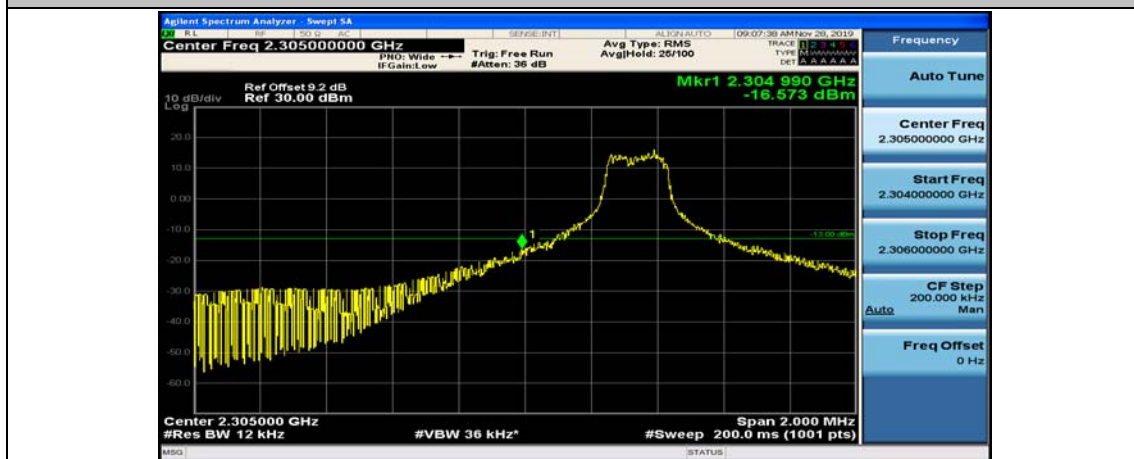




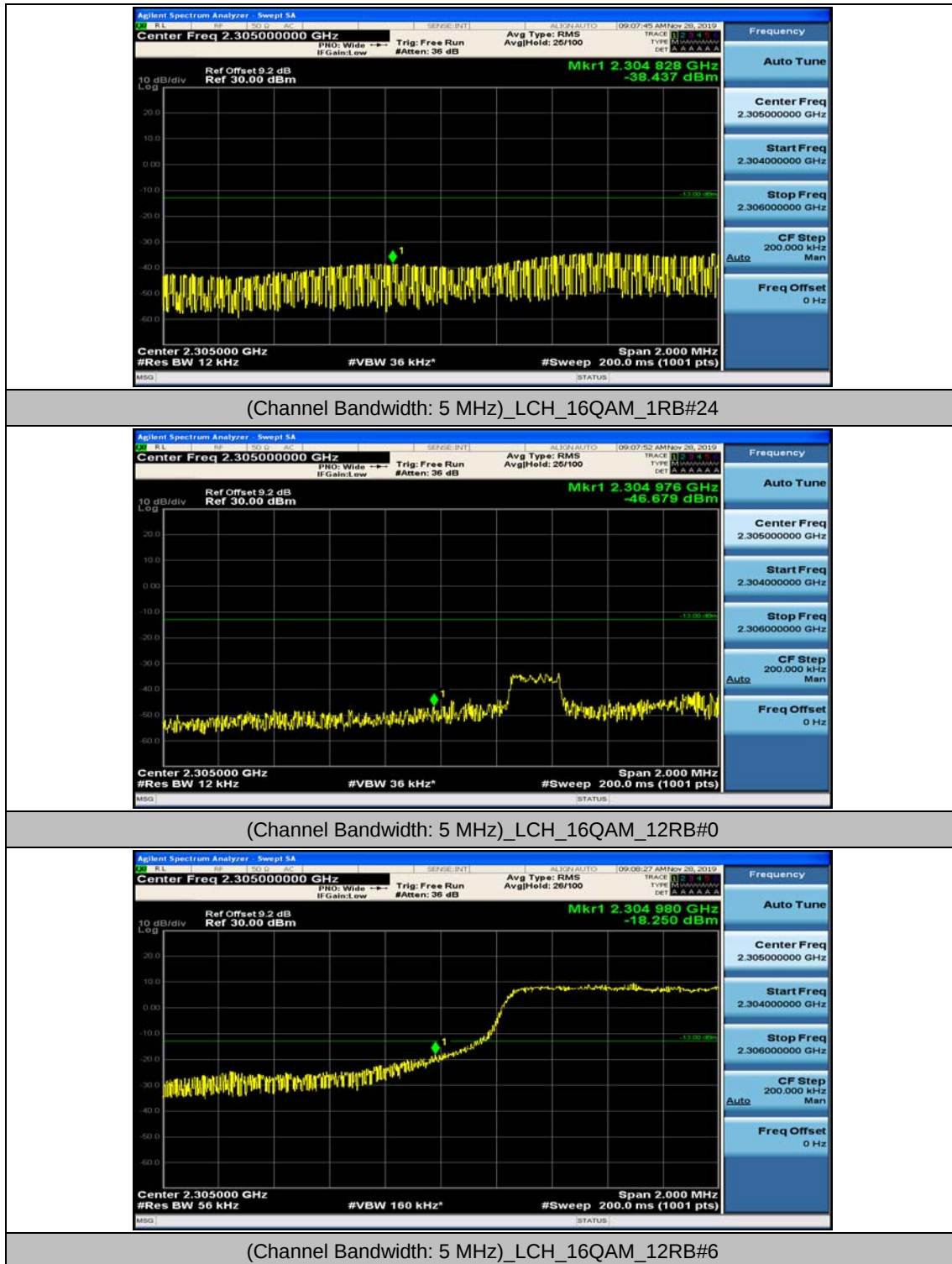
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0

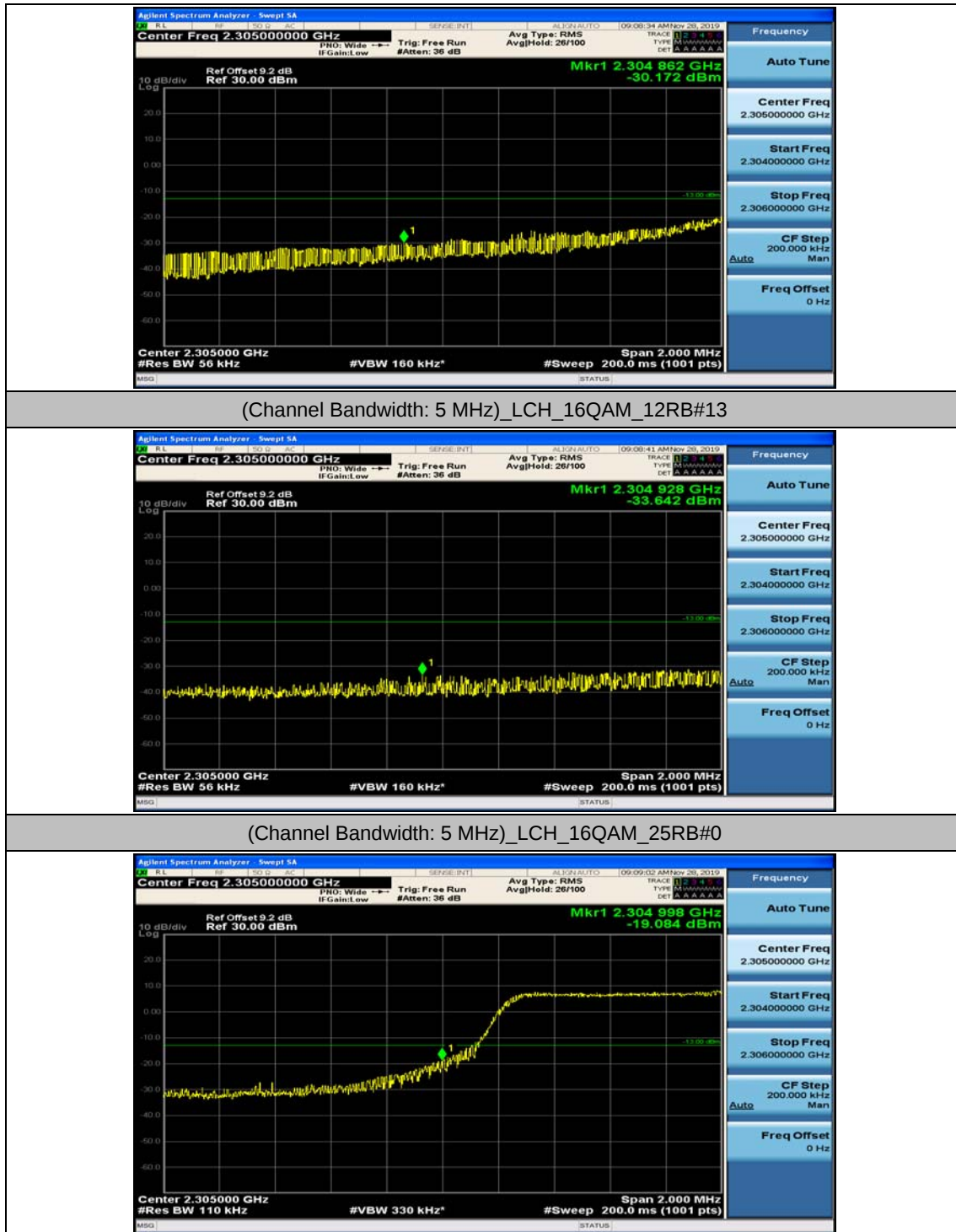


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

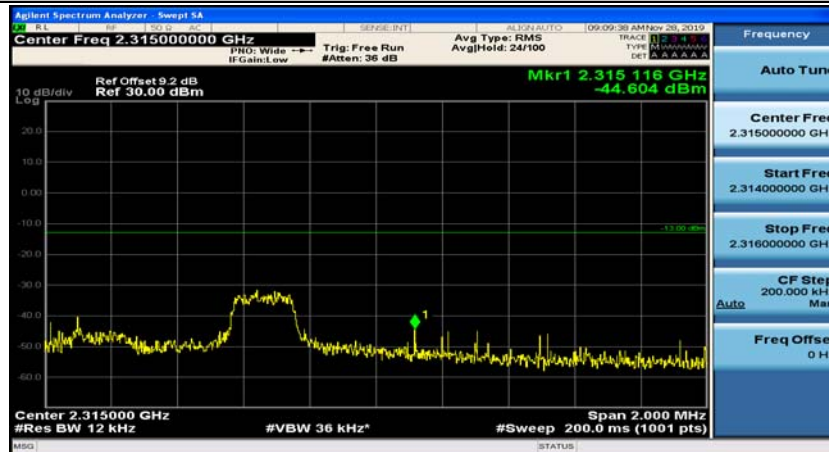


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12

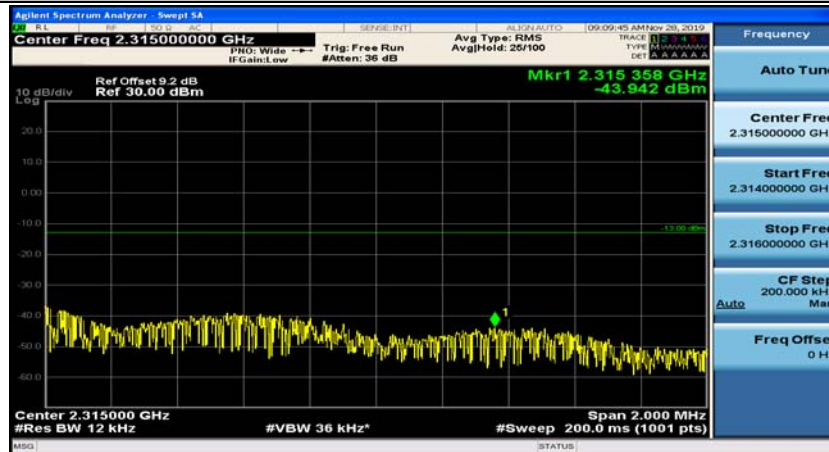




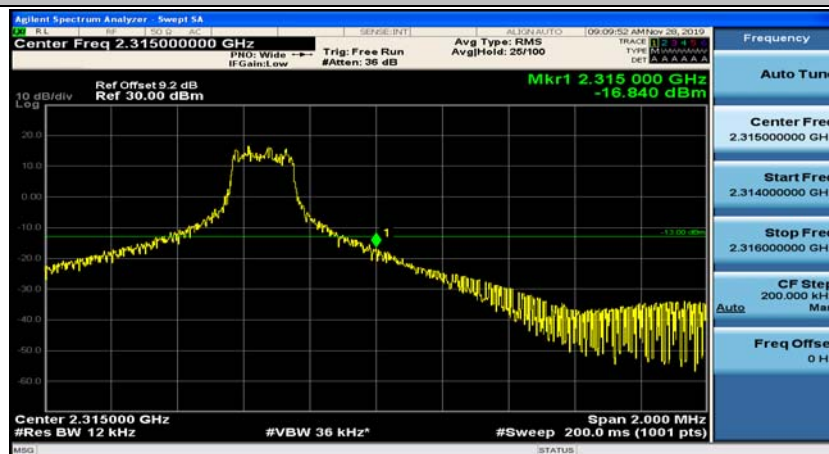
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



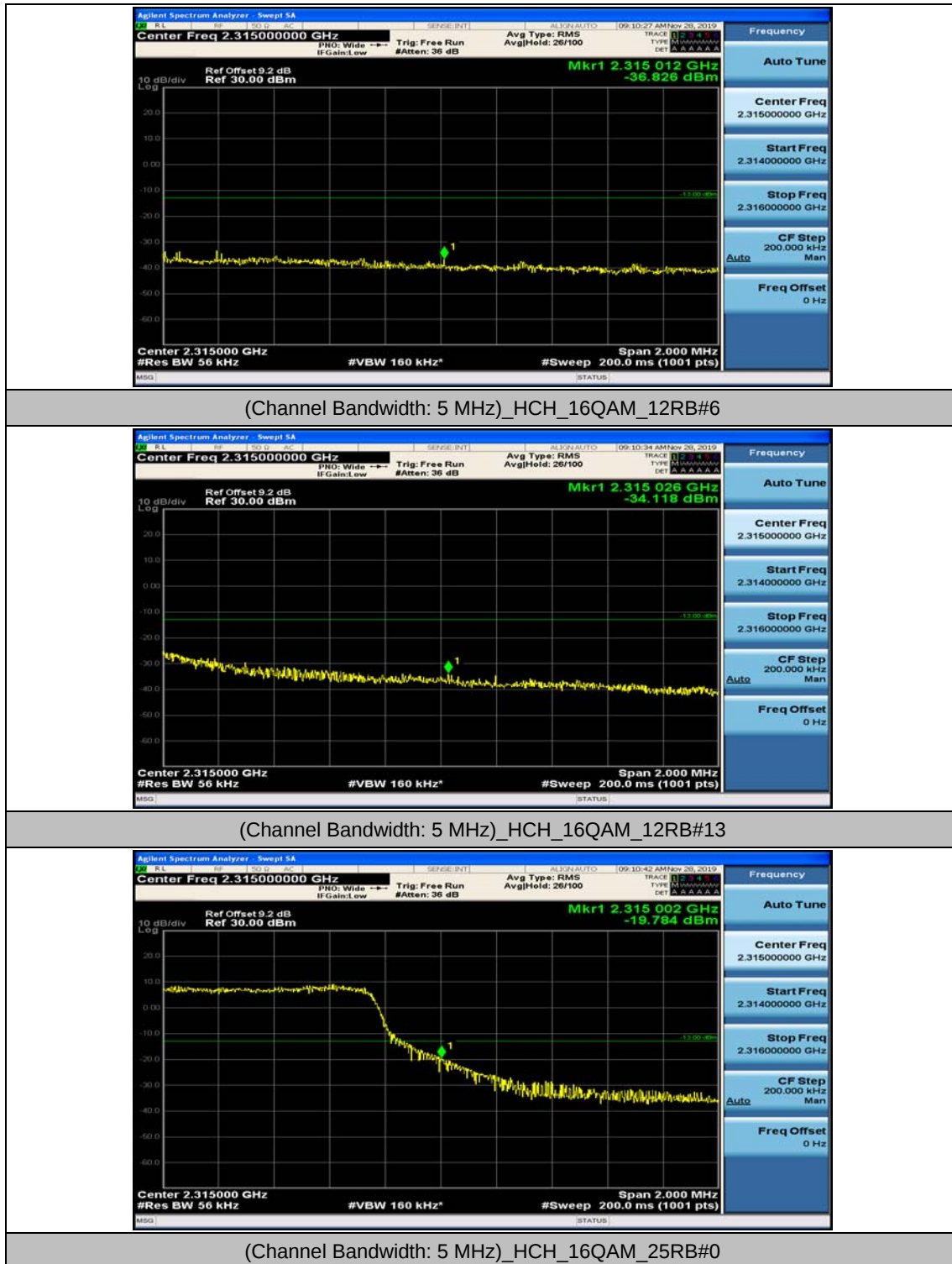
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

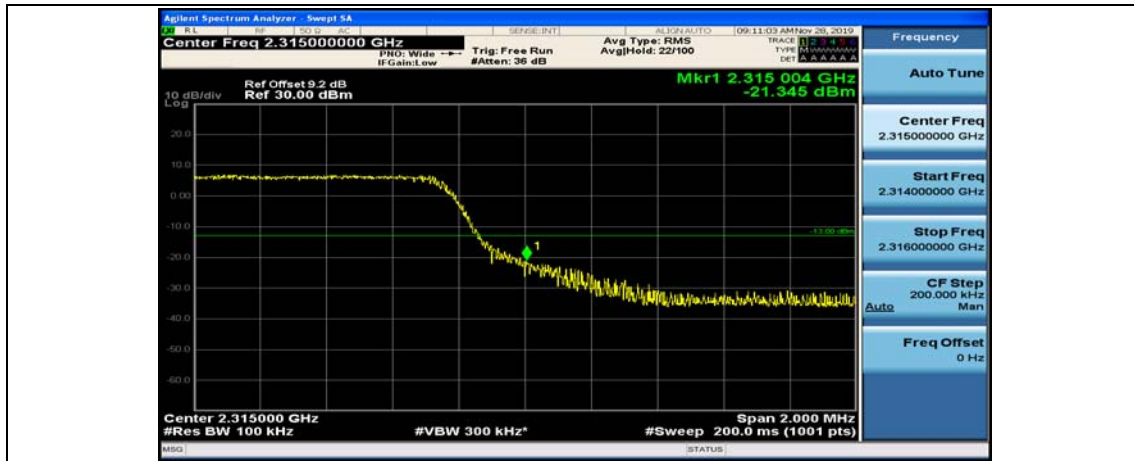


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24

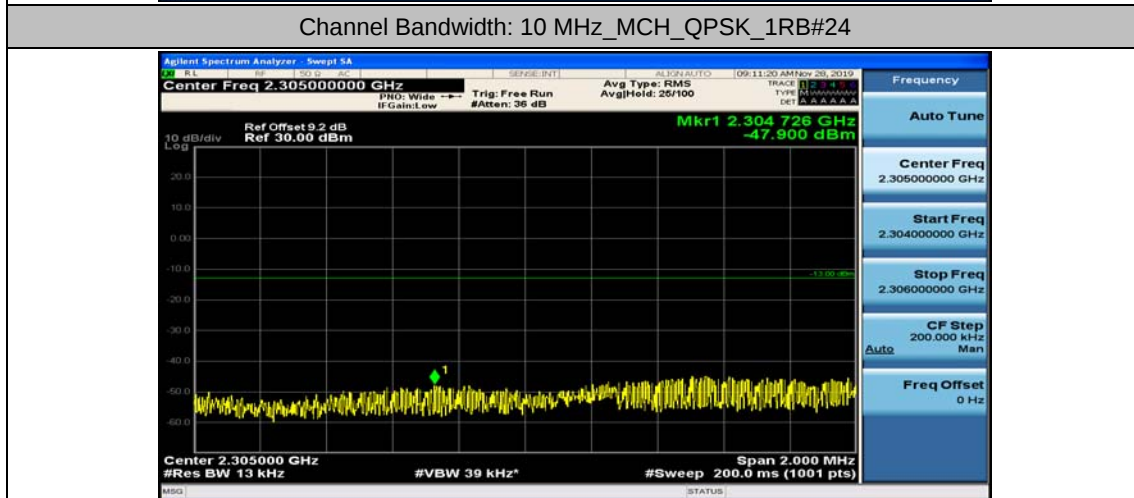
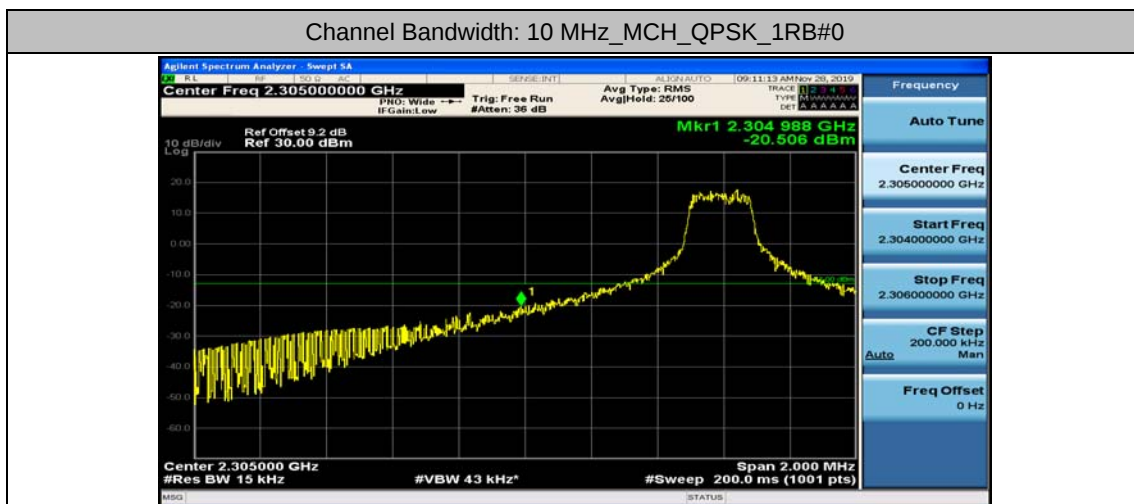


(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0





Channel Bandwidth: 10 MHz



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49