

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	21.3	PASS
		1	12	21.2	PASS
		1	24	21.25	PASS
		12	0	21.28	PASS
		12	6	21.35	PASS
		12	13	21.34	PASS
		25	0	21.24	PASS
	HCH	1	0	21.31	PASS
		1	12	21.45	PASS
		1	24	21.49	PASS
		12	0	21.37	PASS
		12	6	21.46	PASS
		12	13	21.51	PASS
		25	0	21.41	PASS
16QAM	LCH	1	0	20.59	PASS
		1	12	20.57	PASS
		1	24	20.57	PASS
		12	0	20.46	PASS
		12	6	20.48	PASS
		12	13	20.51	PASS
		25	0	20.35	PASS
	HCH	1	0	20.7	PASS
		1	12	20.81	PASS
		1	24	20.83	PASS
		12	0	20.59	PASS
		12	6	20.61	PASS
		12	13	20.58	PASS
		25	0	20.53	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	MCH	1	0	21.61	PASS
		1	24	21.28	PASS
		1	49	21.41	PASS
		25	0	21.52	PASS
		25	12	21.27	PASS
		25	25	21.41	PASS
		50	0	21.45	PASS
16QAM	MCH	1	0	20.59	PASS
		1	24	20.58	PASS
		1	49	20.76	PASS
		25	0	20.41	PASS
		25	12	20.52	PASS
		25	25	20.56	PASS
		50	0	20.52	PASS

Appendix B: Peak-to-Average Ratio

Test Result

Channel Bandwidth: 5 MHz

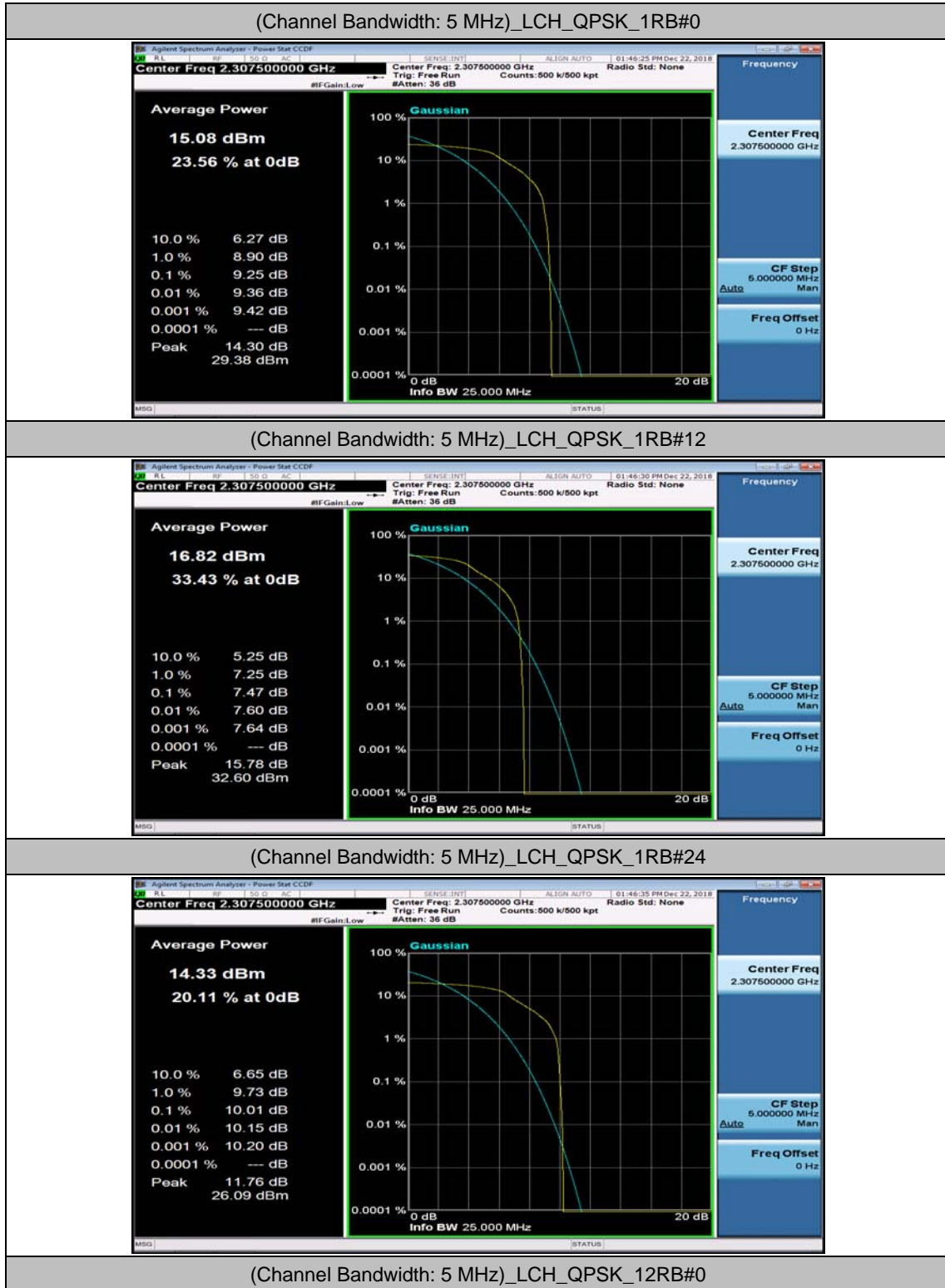
Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	9.25	<13	PASS
		1	12	7.47	<13	PASS
		1	24	10.01	<13	PASS
		12	0	6.43	<13	PASS
		12	6	8.22	<13	PASS
		12	13	8.21	<13	PASS
		25	0	9.01	<13	PASS
	HCH	1	0	7.5	<13	PASS
		1	12	6.53	<13	PASS
		1	24	7.54	<13	PASS
		12	0	9.42	<13	PASS
		12	6	8.3	<13	PASS
		12	13	7.15	<13	PASS
		25	0	8.91	<13	PASS
16QAM	LCH	1	0	8.3	<13	PASS
		1	12	10.42	<13	PASS
		1	24	9.79	<13	PASS
		12	0	9.36	<13	PASS
		12	6	9.84	<13	PASS
		12	13	9.91	<13	PASS
		25	0	8.81	<13	PASS
	HCH	1	0	10.49	<13	PASS
		1	12	8.5	<13	PASS
		1	24	8.42	<13	PASS
		12	0	12.13	<13	PASS
		12	6	10.29	<13	PASS
		12	13	9.56	<13	PASS
		25	0	12.42	<13	PASS

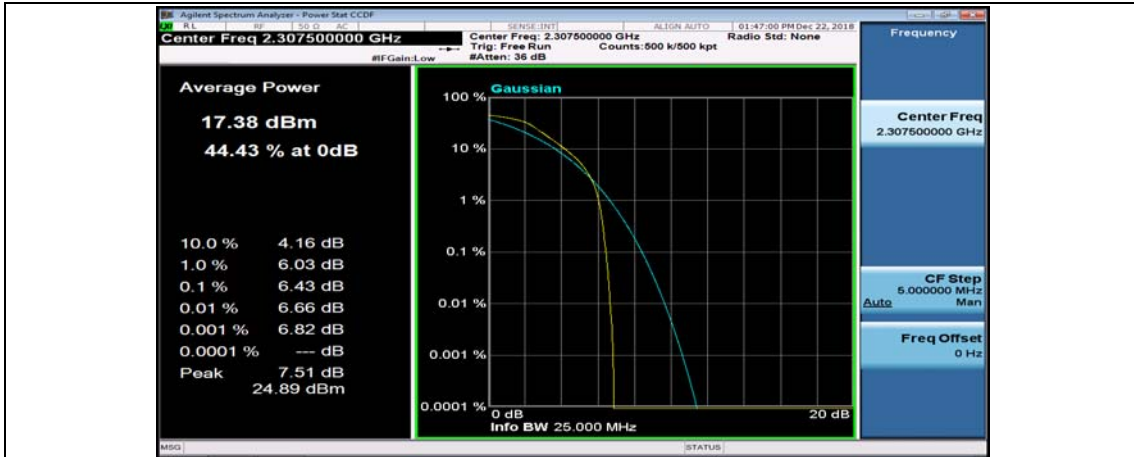
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	9.91	<13	PASS
		1	24	9.52	<13	PASS
		1	49	7.39	<13	PASS
		25	0	8.39	<13	PASS
		25	12	7.74	<13	PASS
		25	25	7.33	<13	PASS
		50	0	8.62	<13	PASS
16QAM	LCH	1	0	8.1	<13	PASS
		1	24	7.7	<13	PASS
		1	49	7.78	<13	PASS
		25	0	8.08	<13	PASS
		25	12	11.47	<13	PASS
		25	25	10.89	<13	PASS
		50	0	8.46	<13	PASS

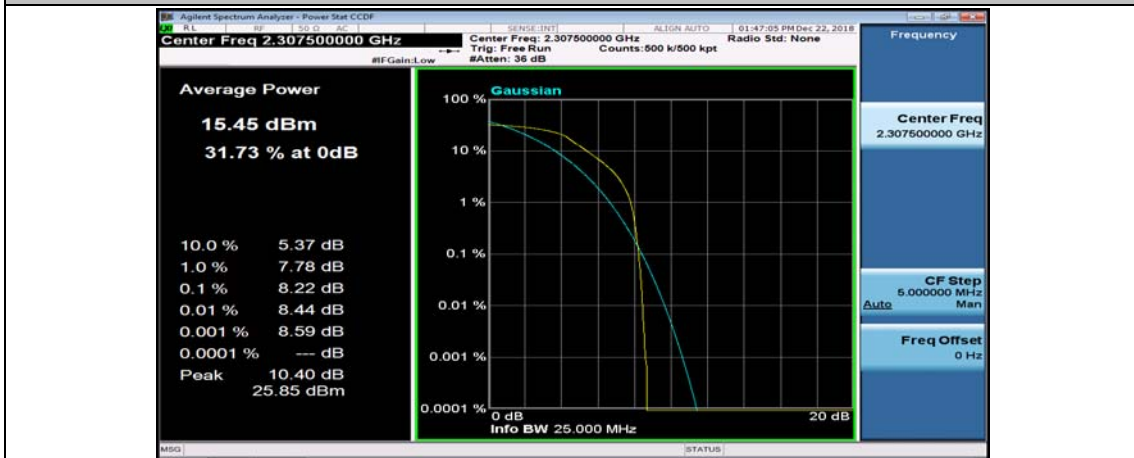
Test Graphs

Channel Bandwidth: 5 MHz

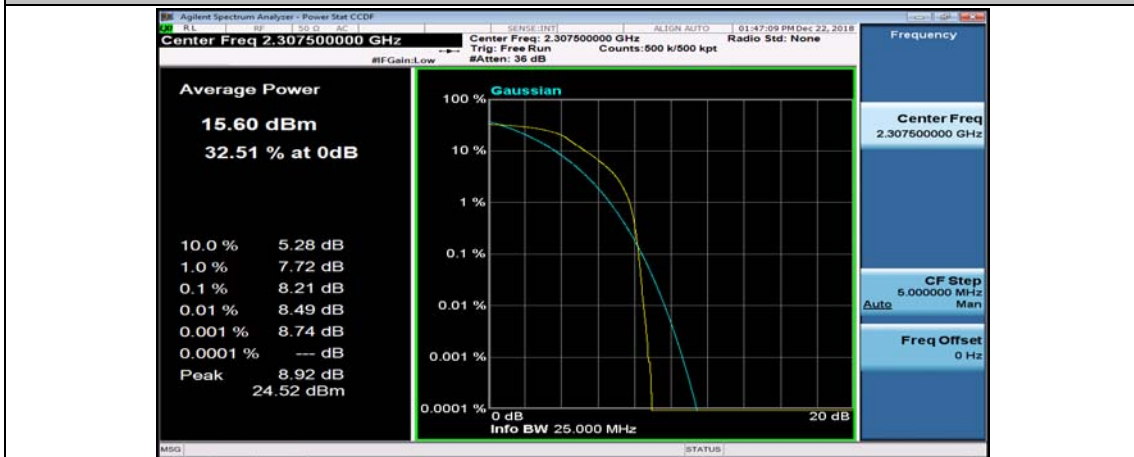




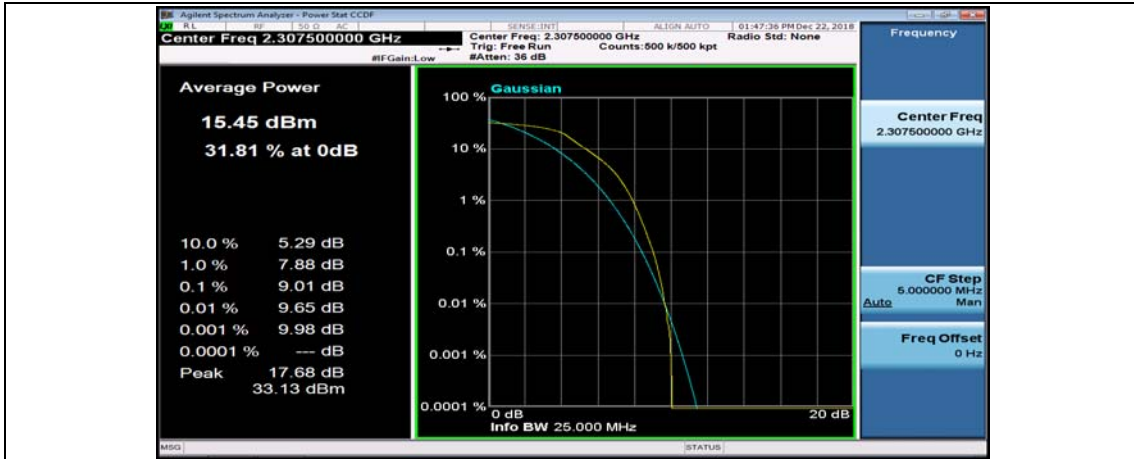
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



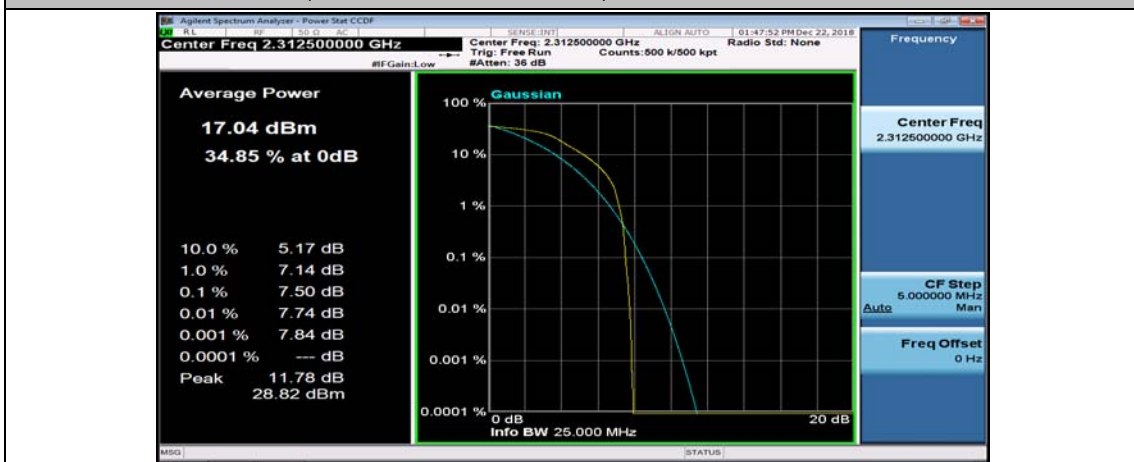
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



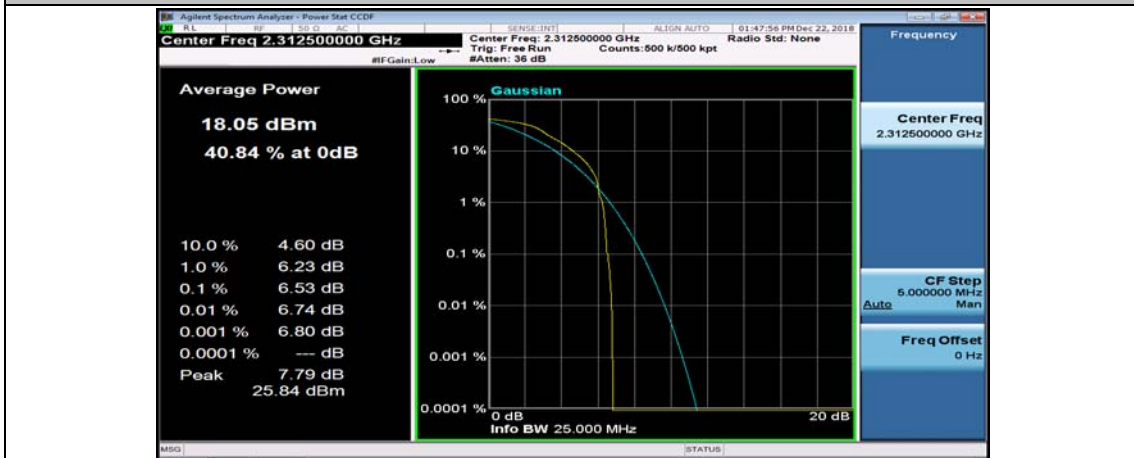
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



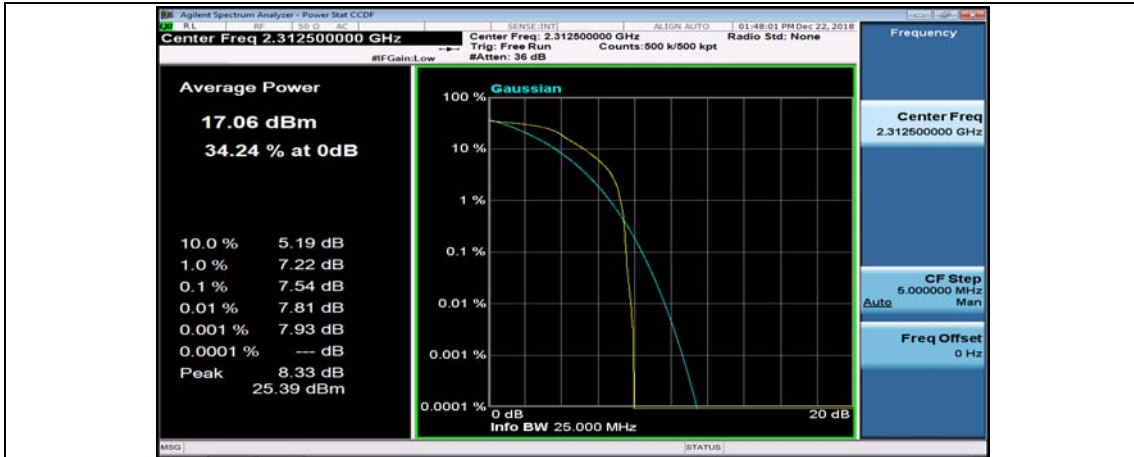
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



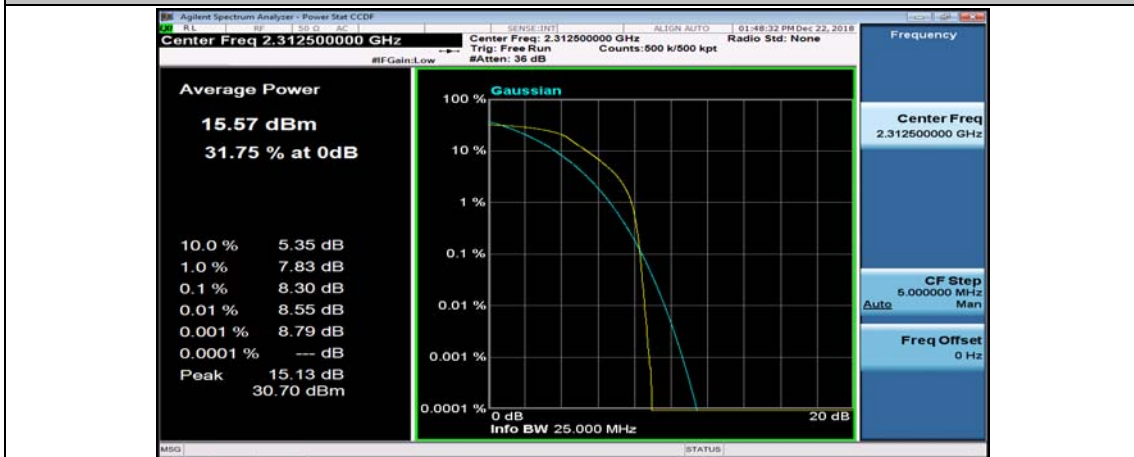
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



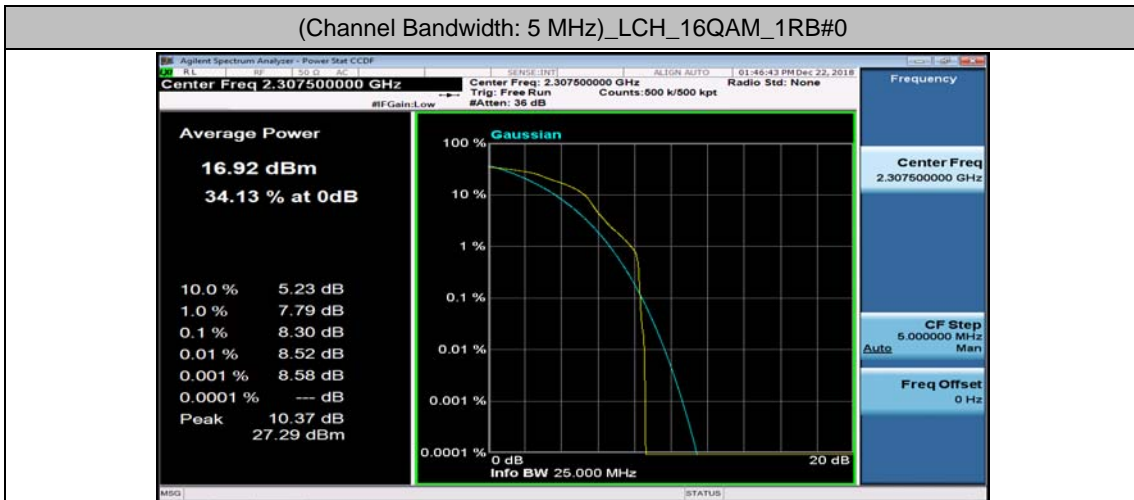
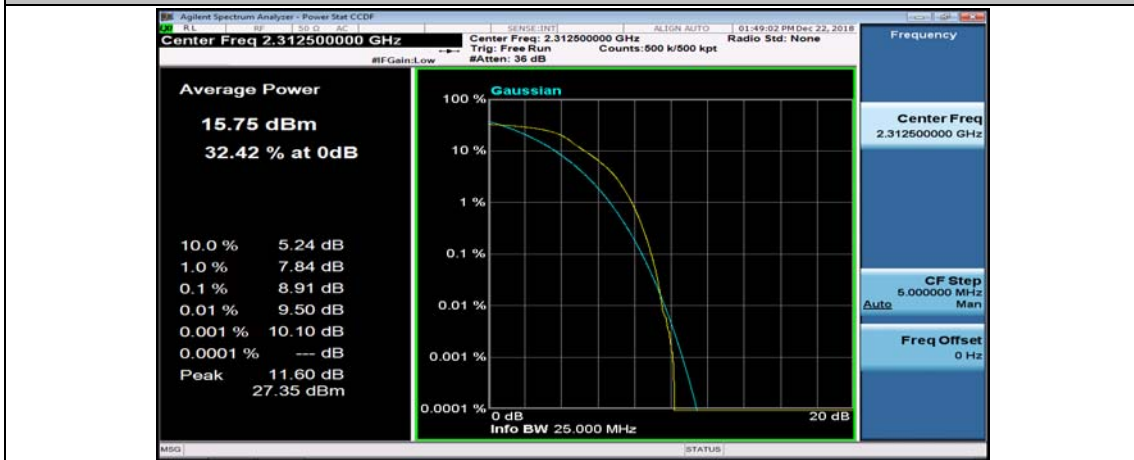
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



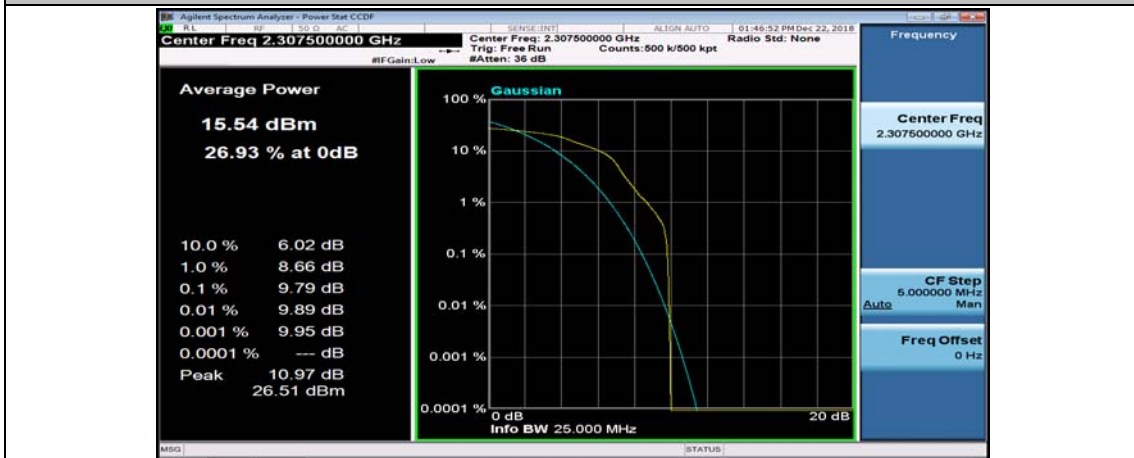
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



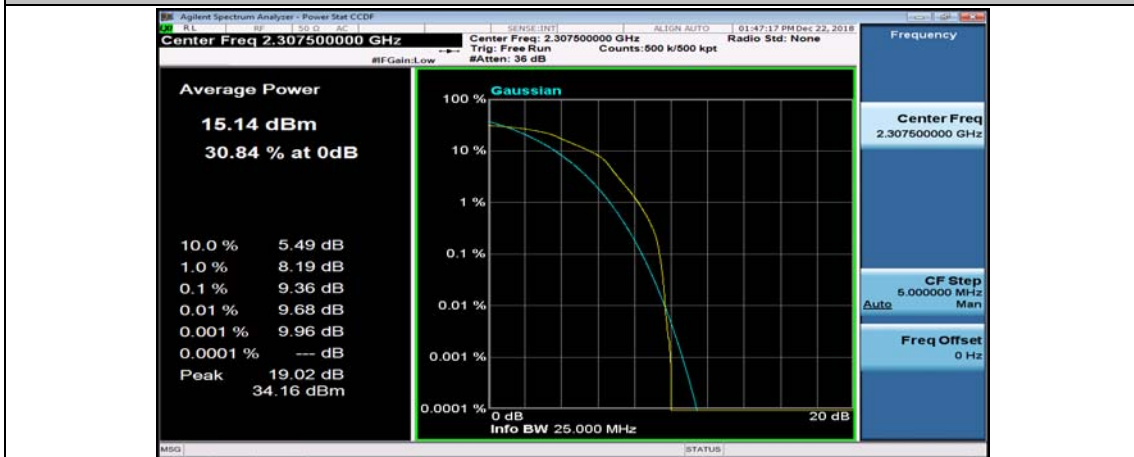
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



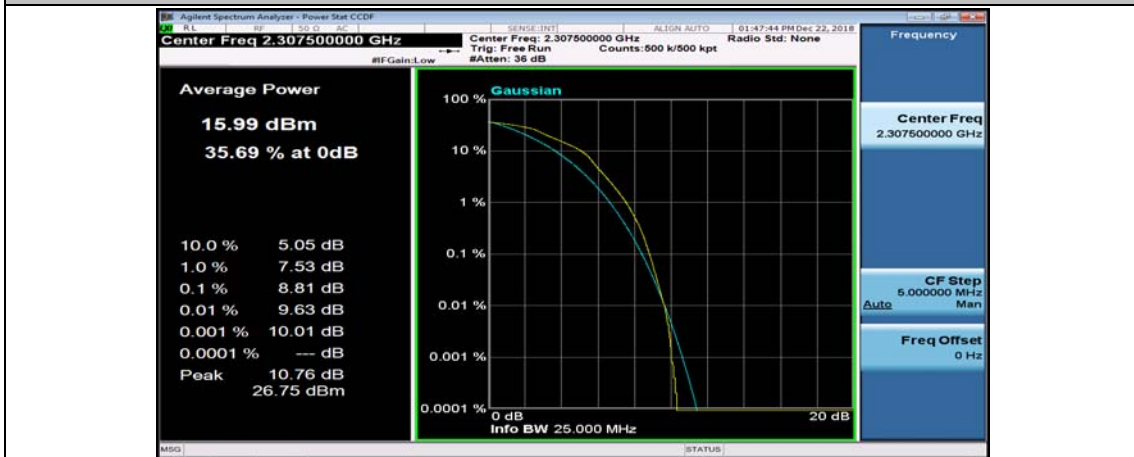
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



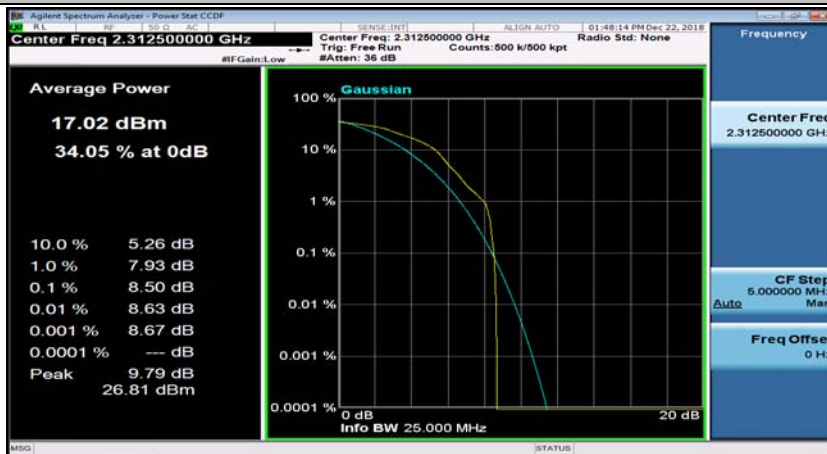
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



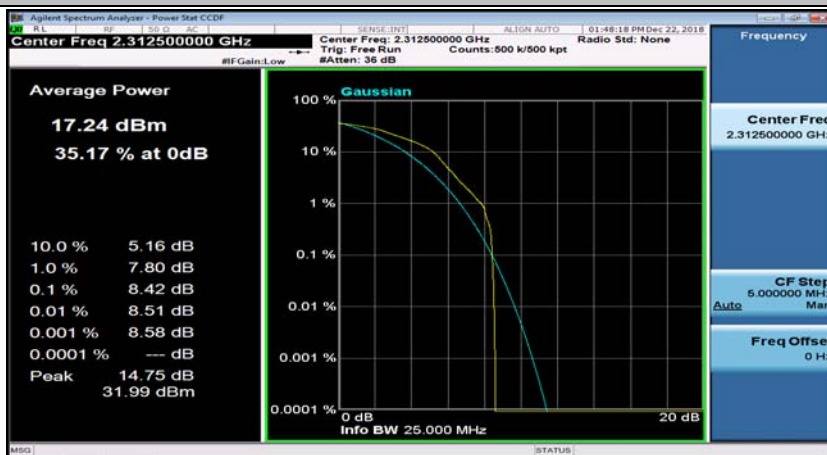
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



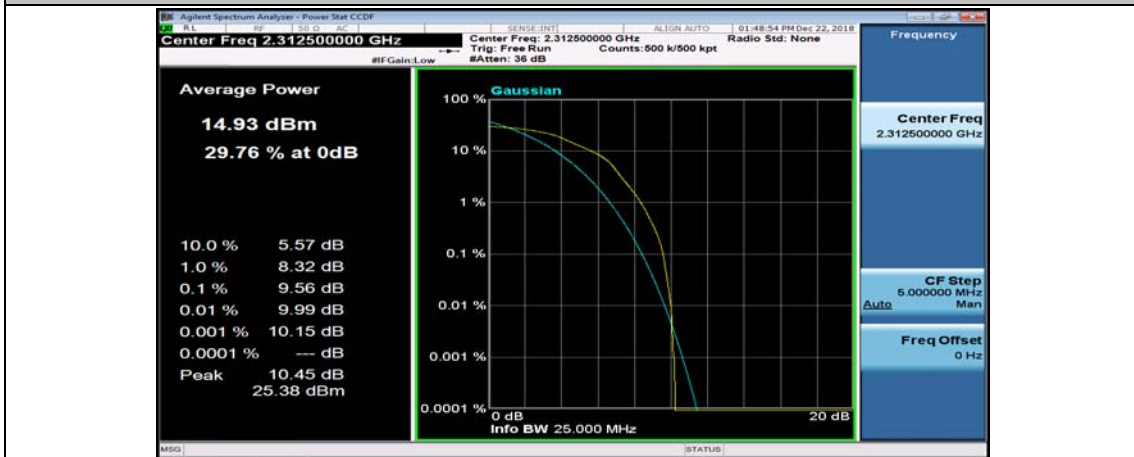
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



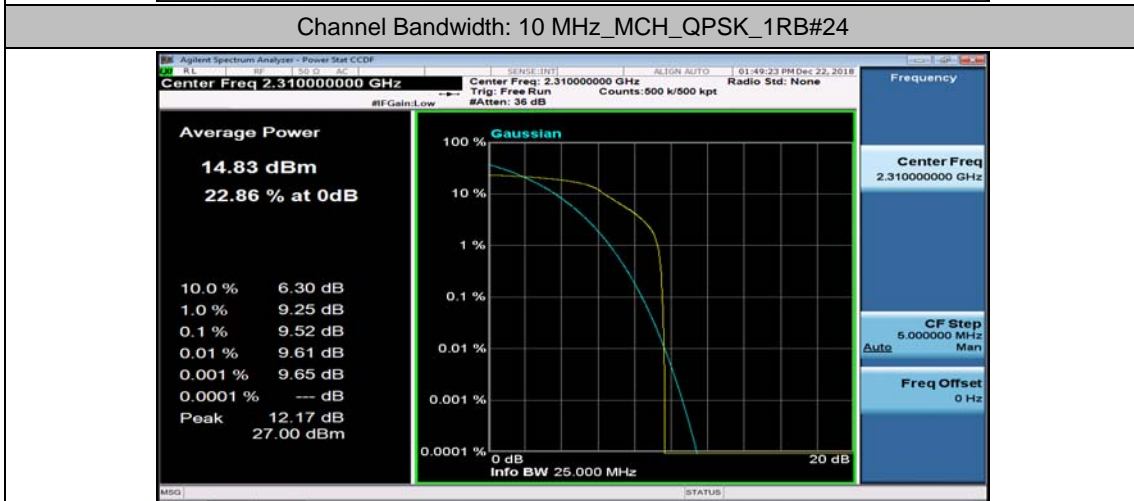
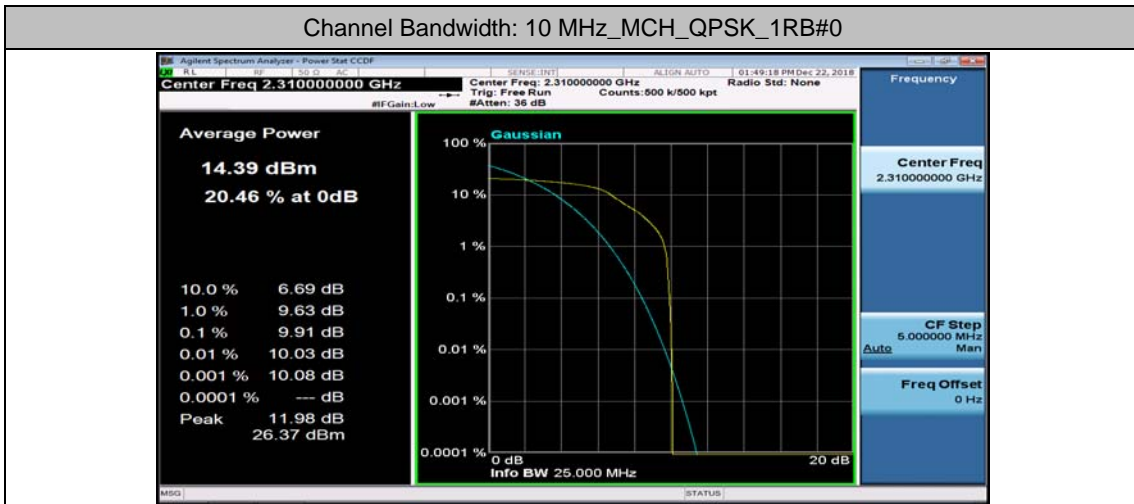
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13



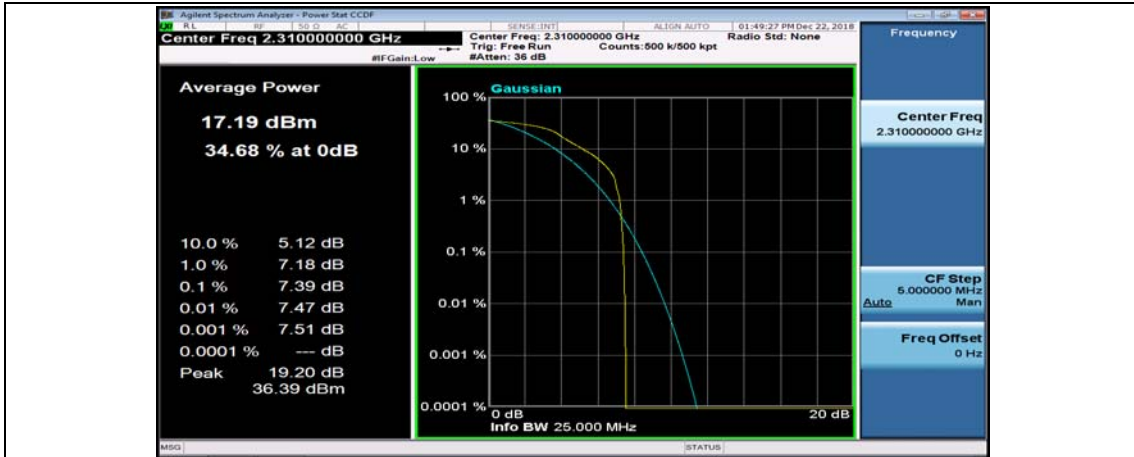
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz



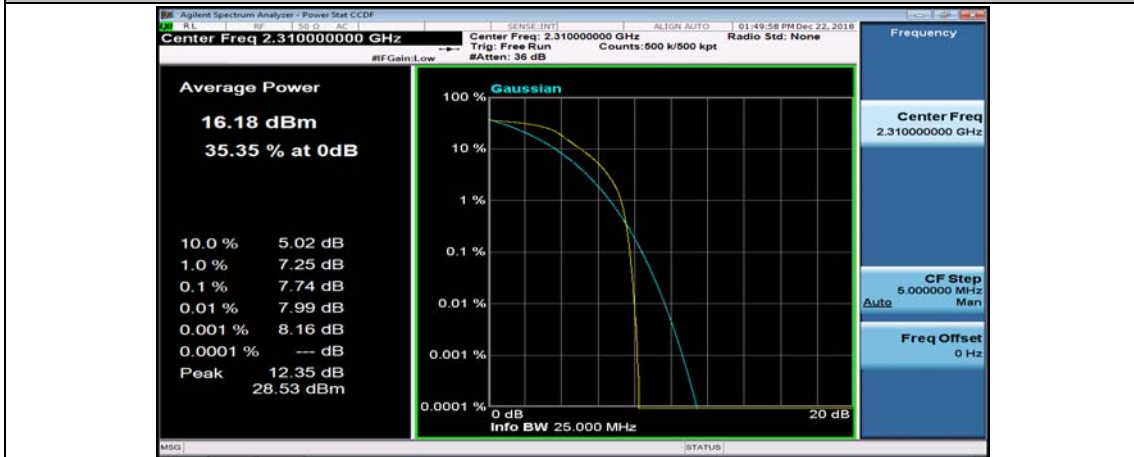
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49



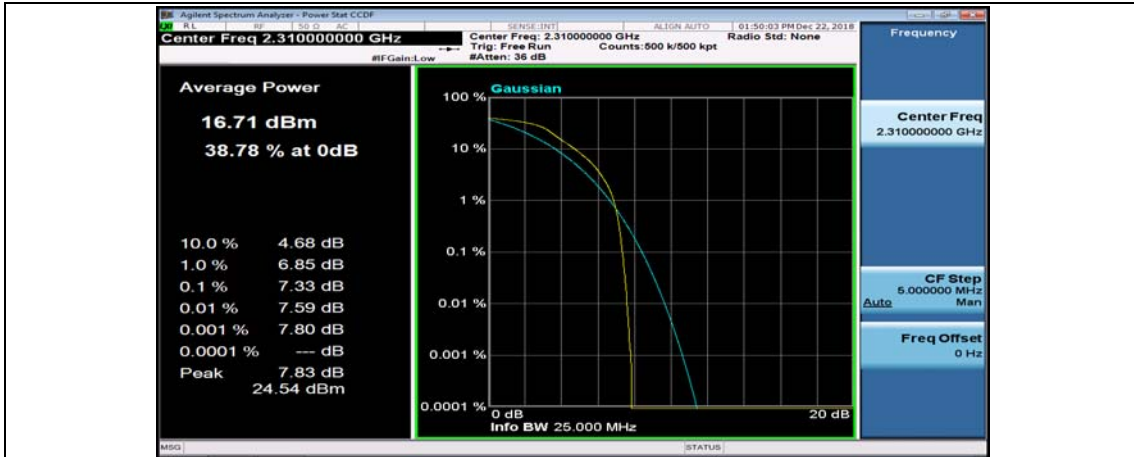
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0



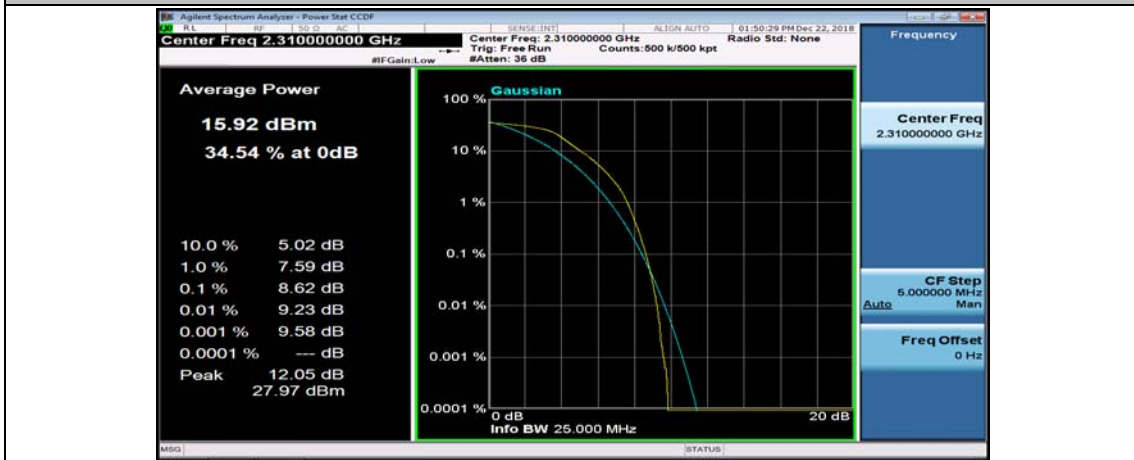
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12



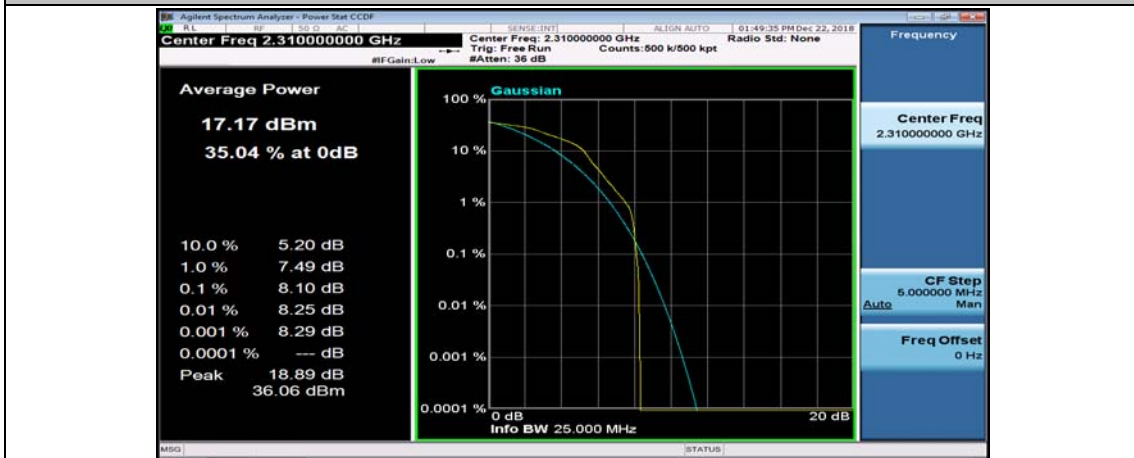
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25



Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



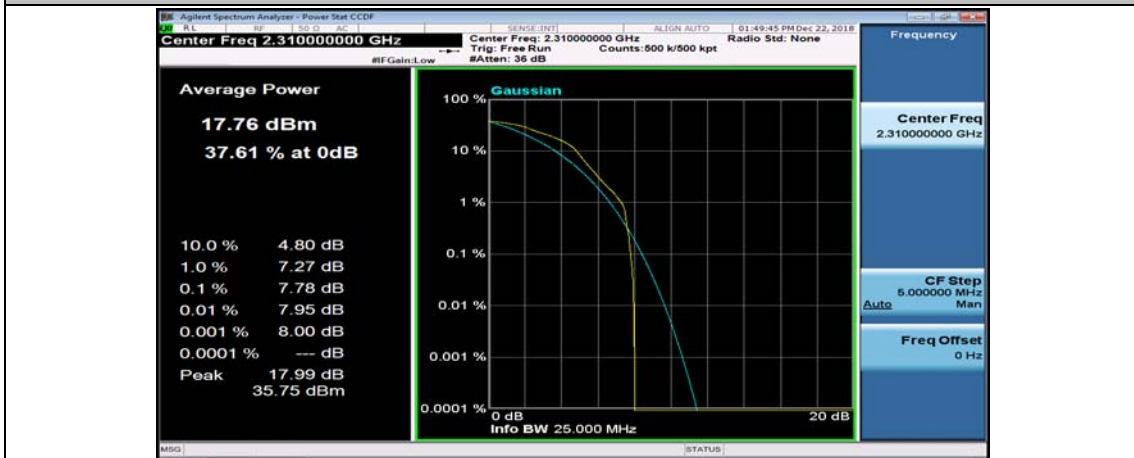
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



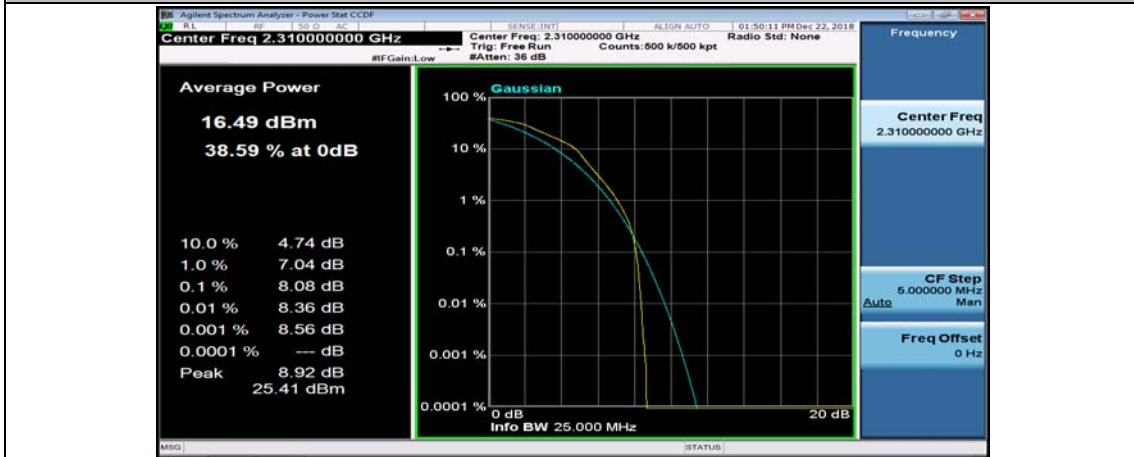
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12



Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Channel Bandwidth: 5 MHz

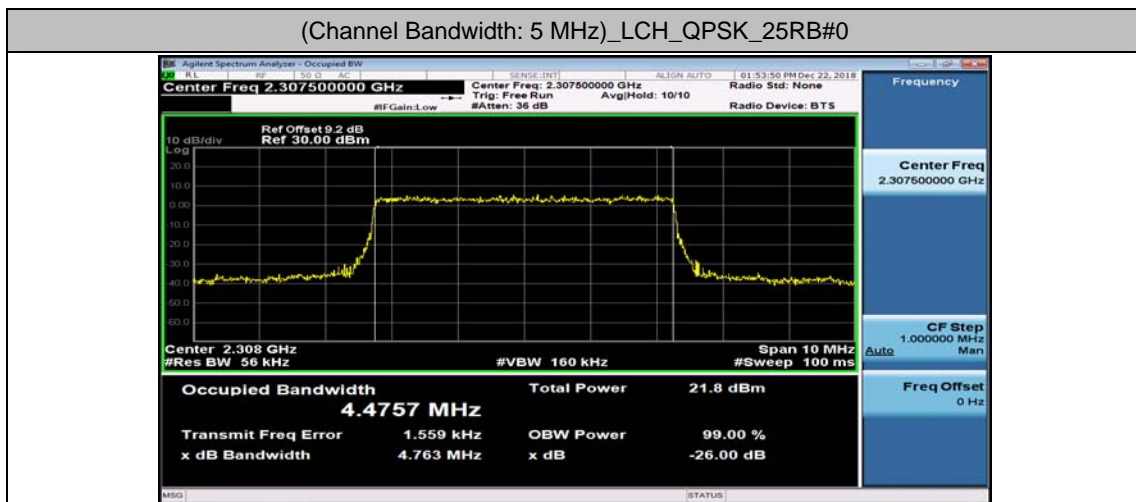
Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	25	0	4.4757	4.763	PASS
	HCH	25	0	4.4827	4.733	PASS
16QAM	LCH	25	0	4.4760	4.842	PASS
	HCH	25	0	4.4677	4.769	PASS

Channel Bandwidth: 10 MHz

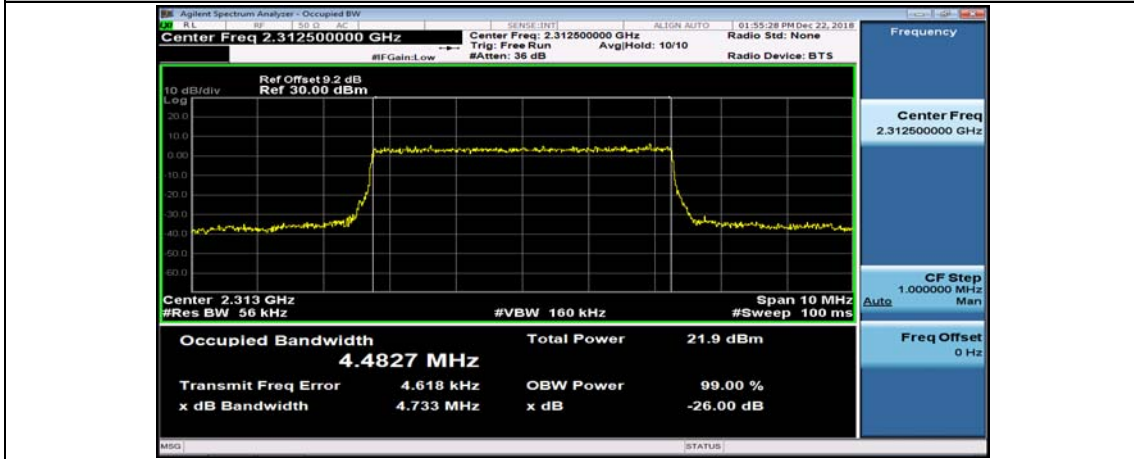
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9300	9.435	PASS
16QAM	LCH	50	0	8.9433	9.425	PASS

Test Graphs

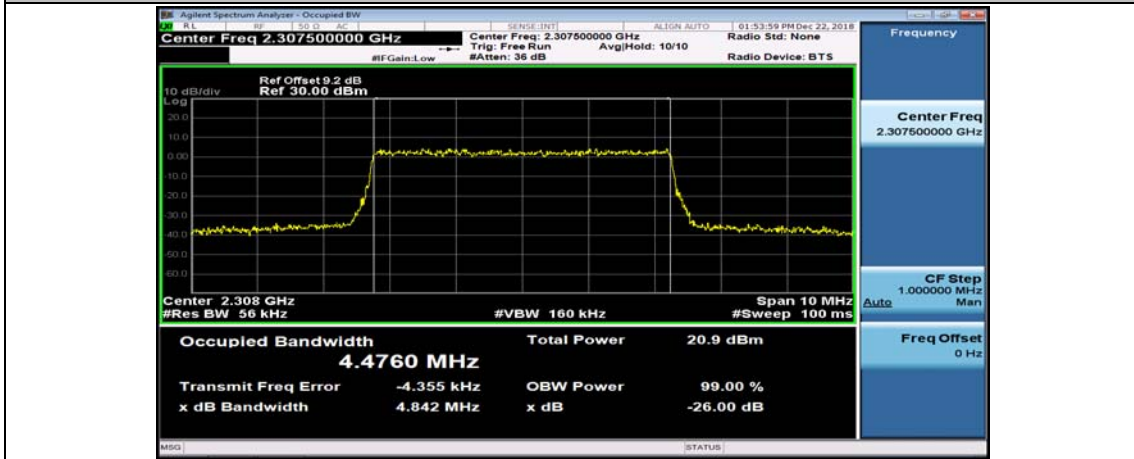
Channel Bandwidth: 5 MHz



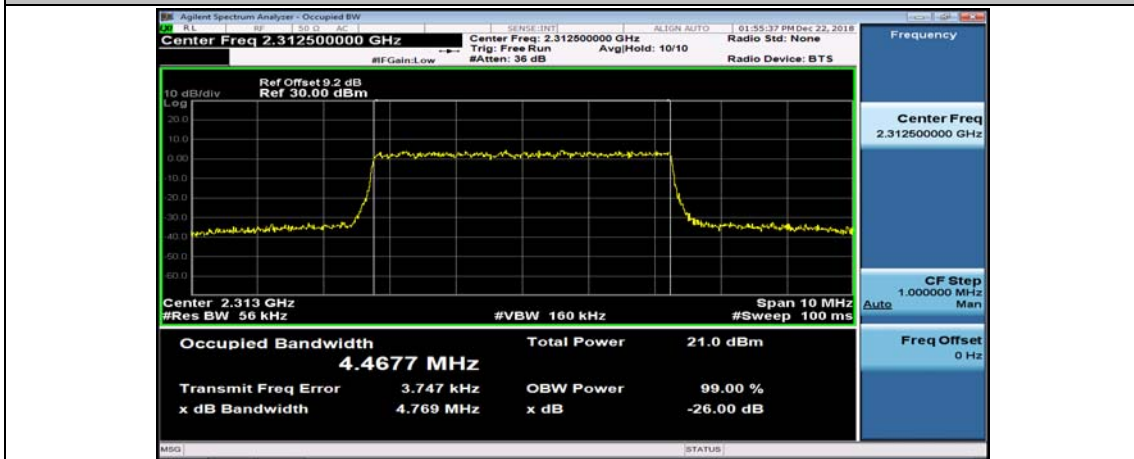
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



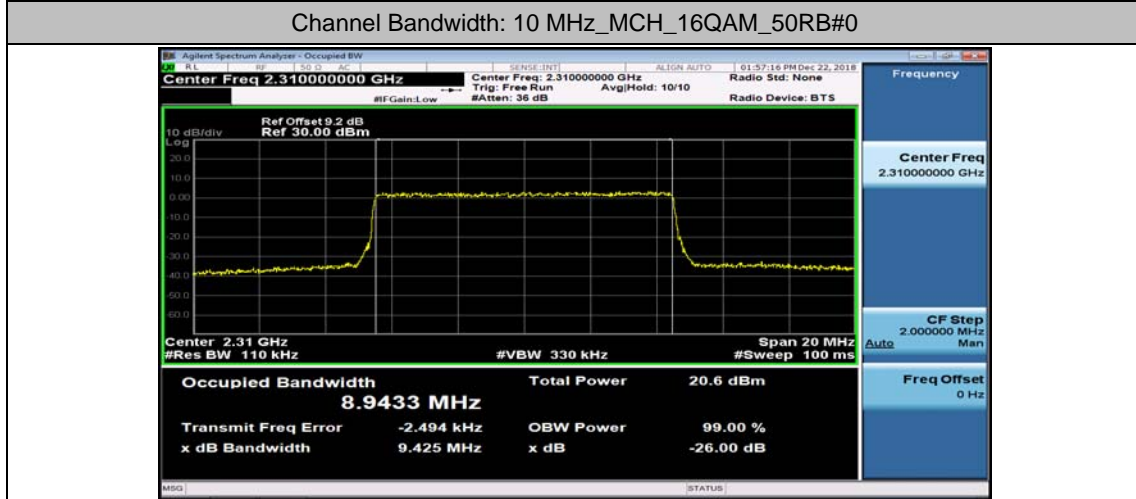
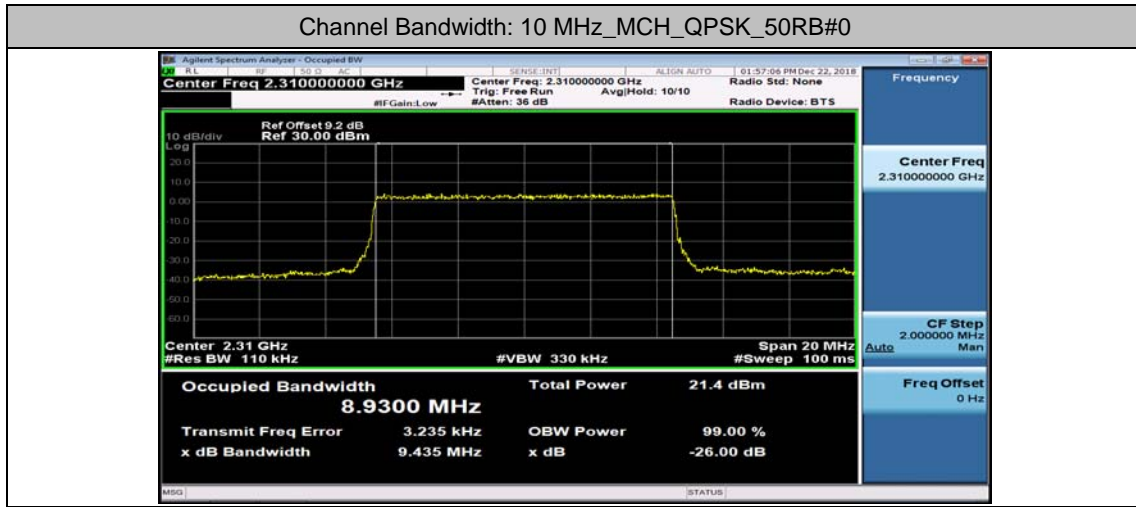
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz

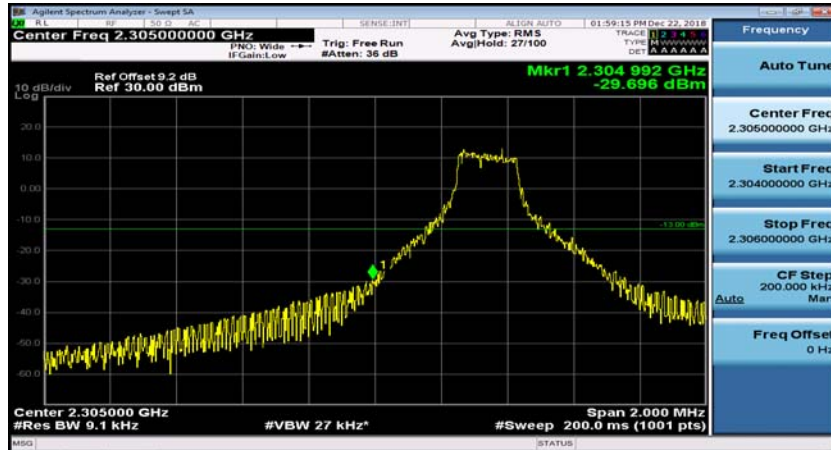


Appendix D: Band Edge

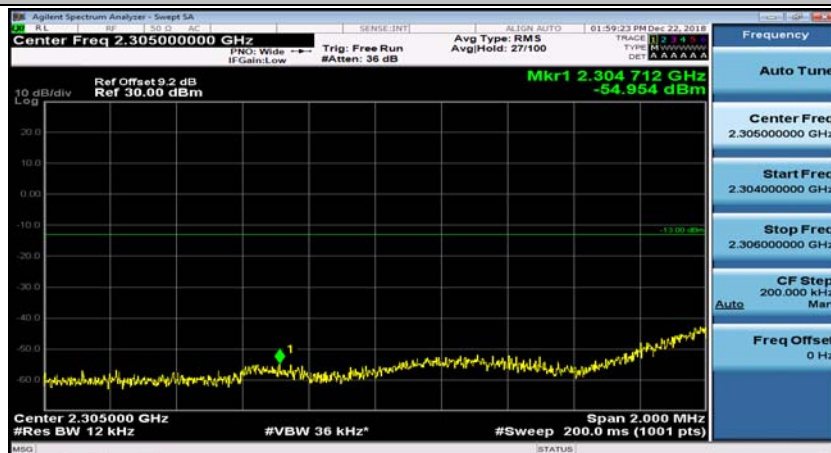
Test Graphs

Channel Bandwidth: 5 MHz

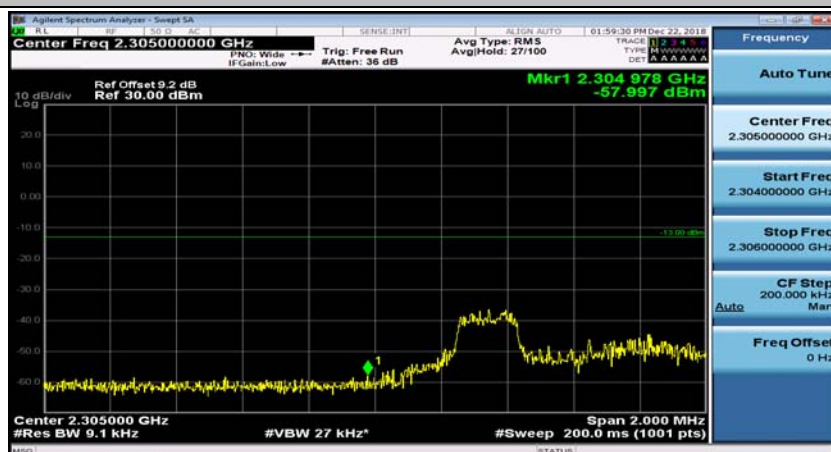
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



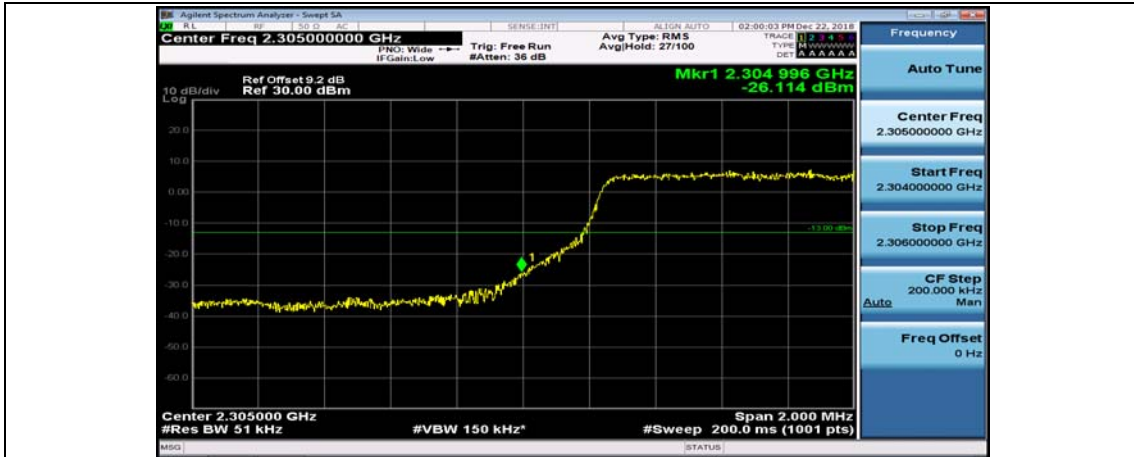
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



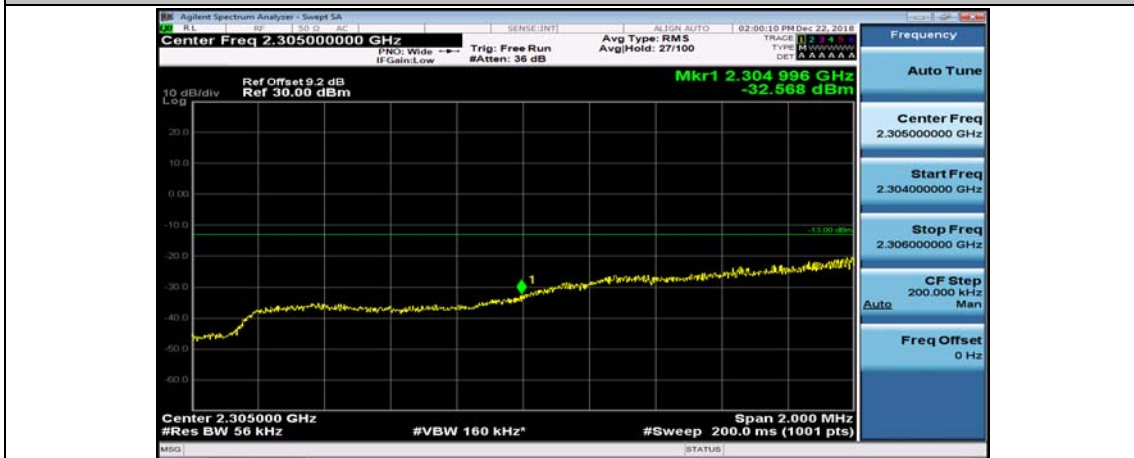
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



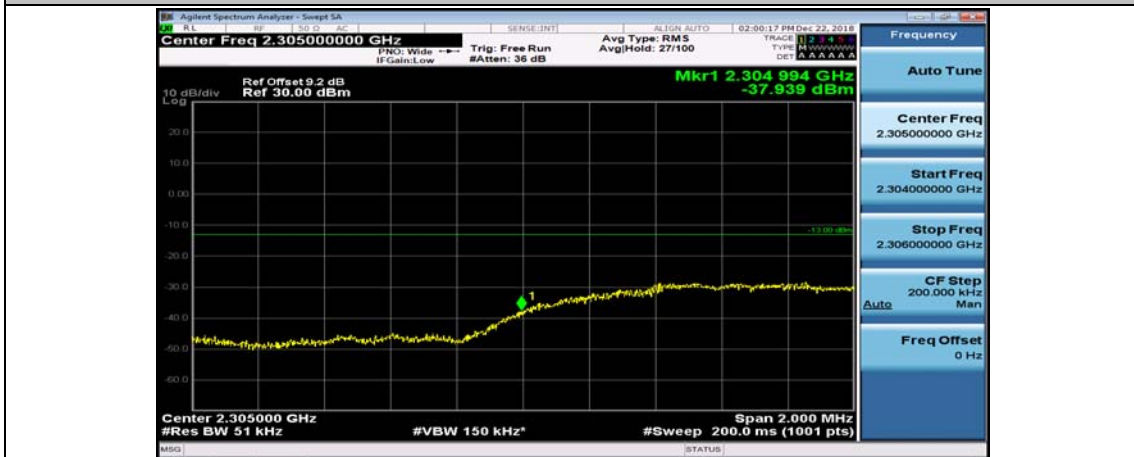
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



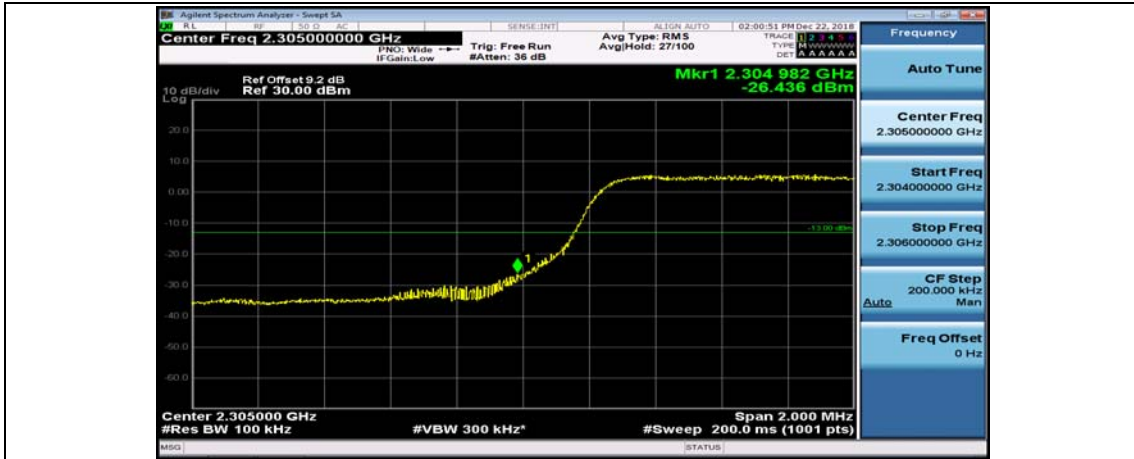
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



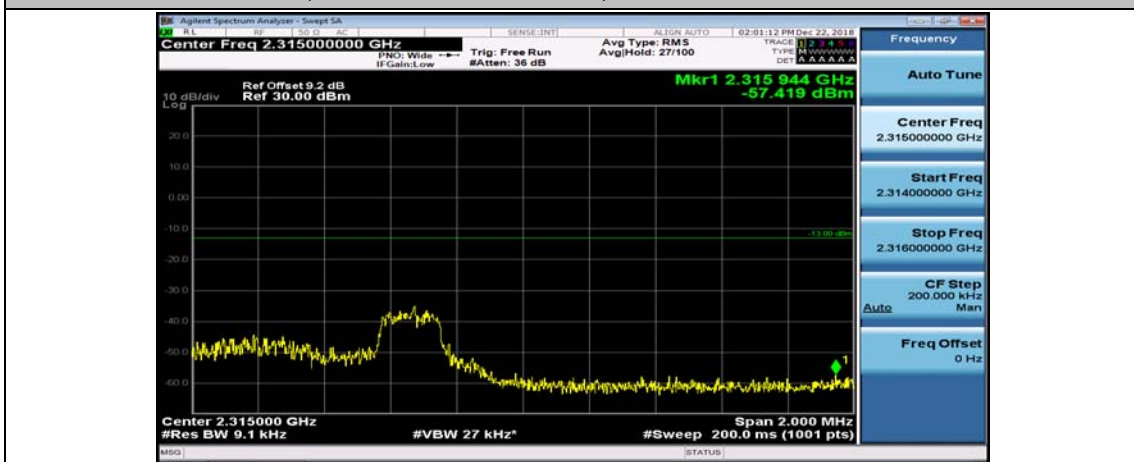
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



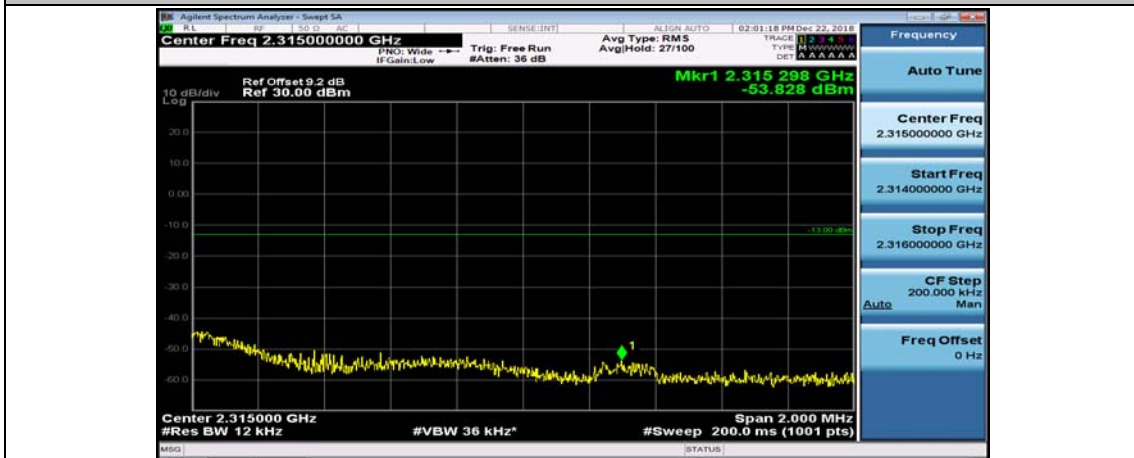
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



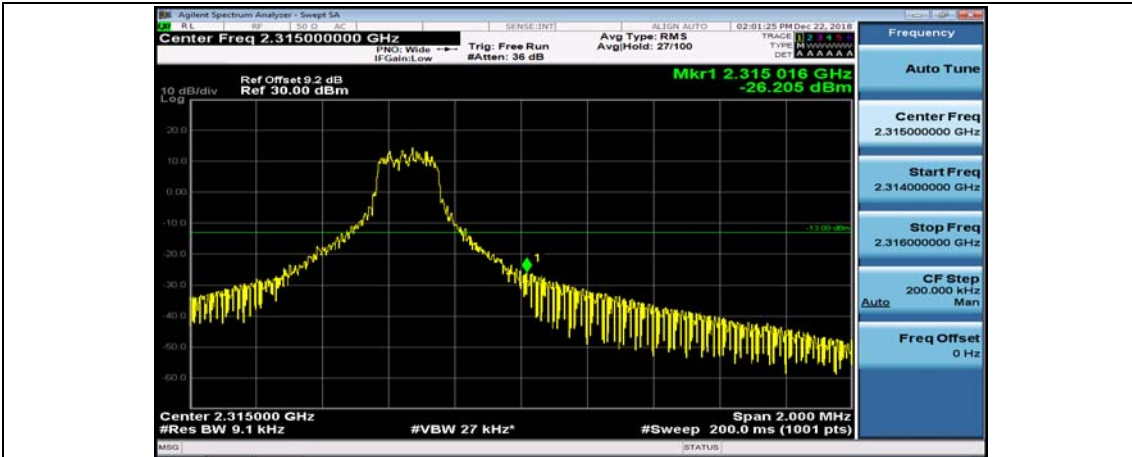
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



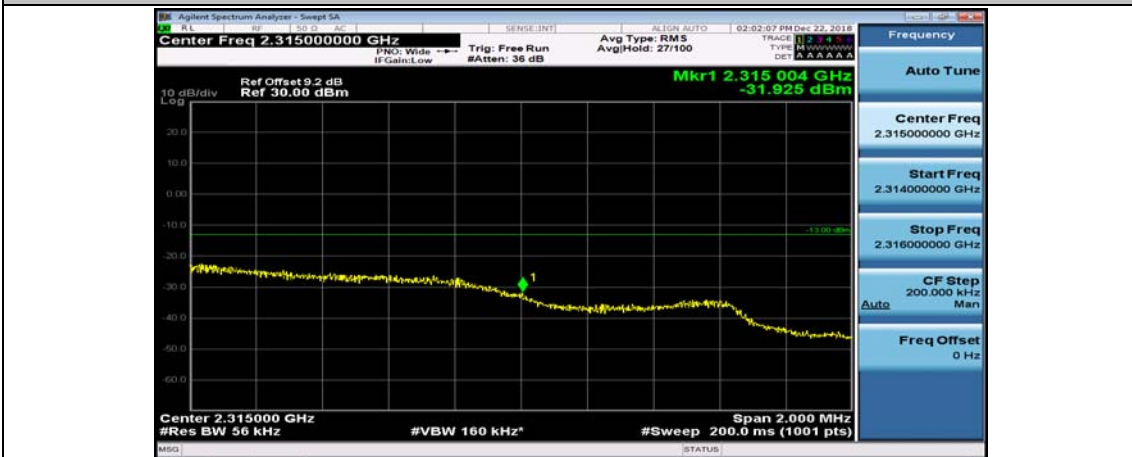
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



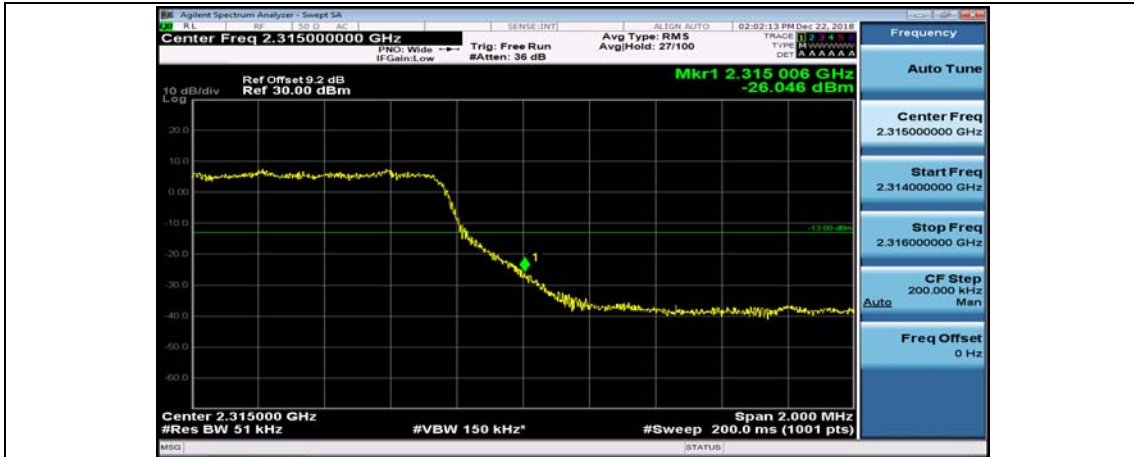
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



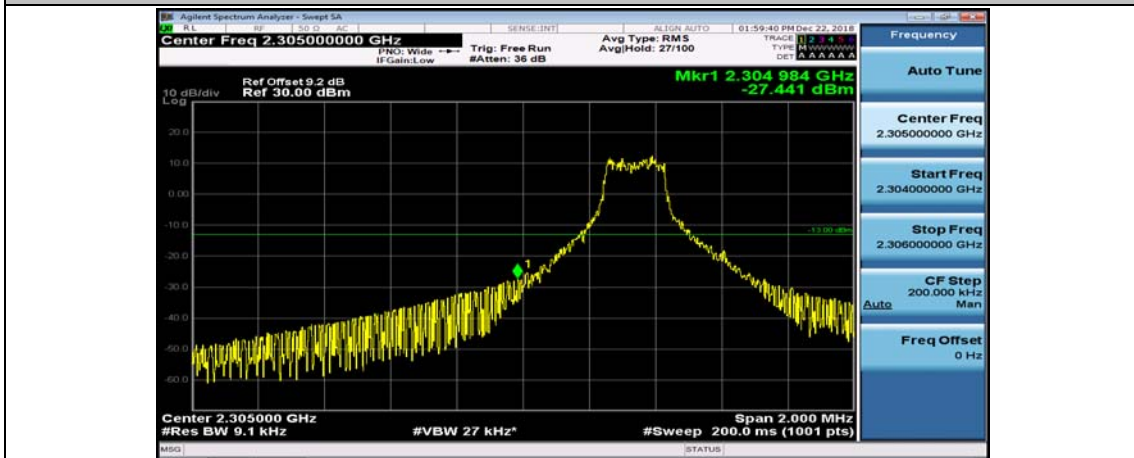
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



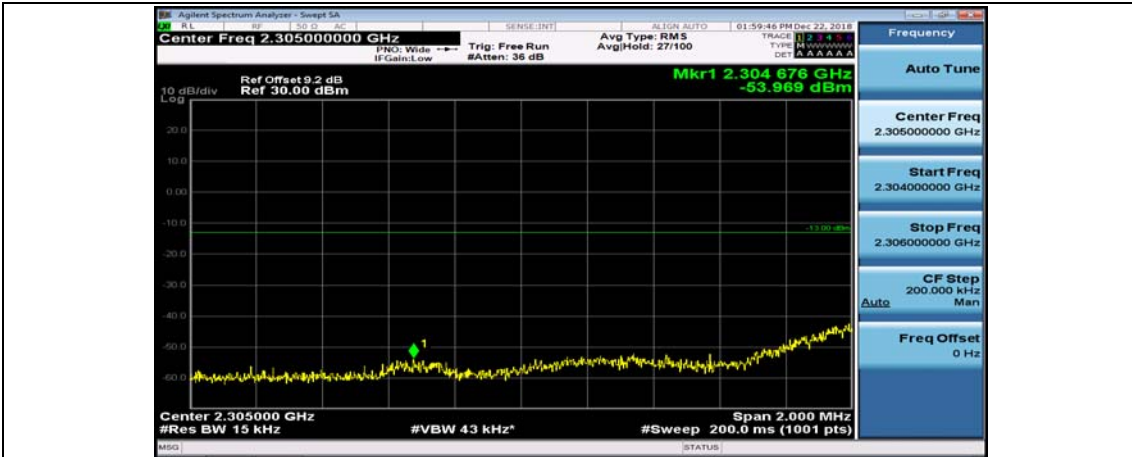
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



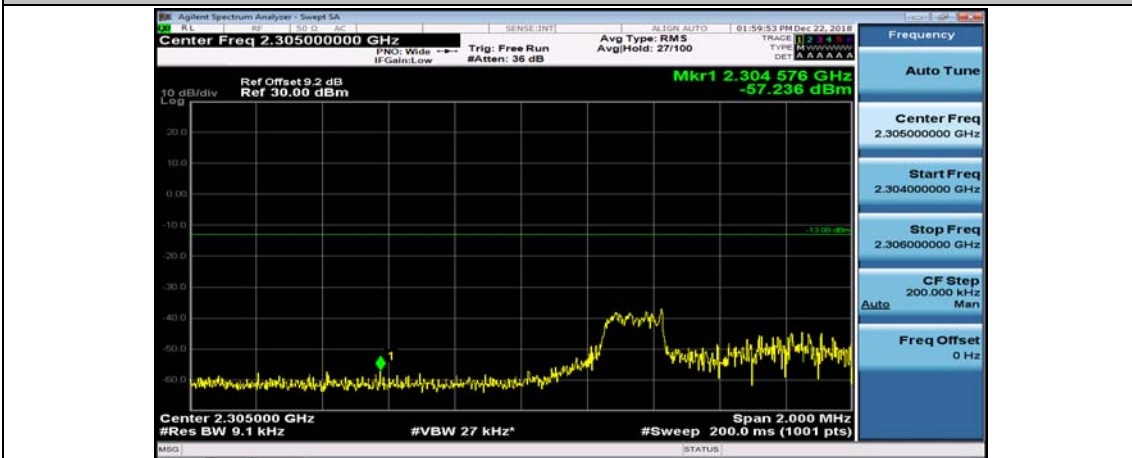
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



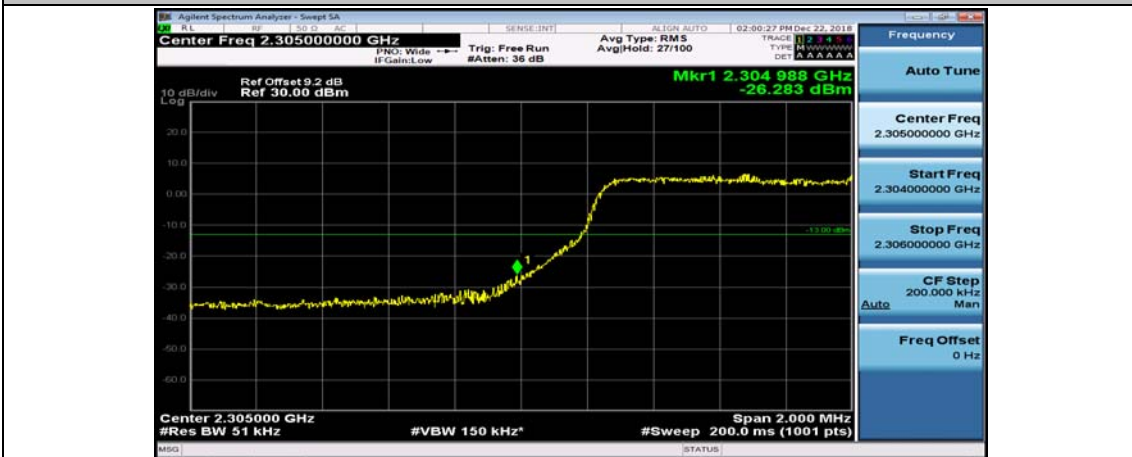
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



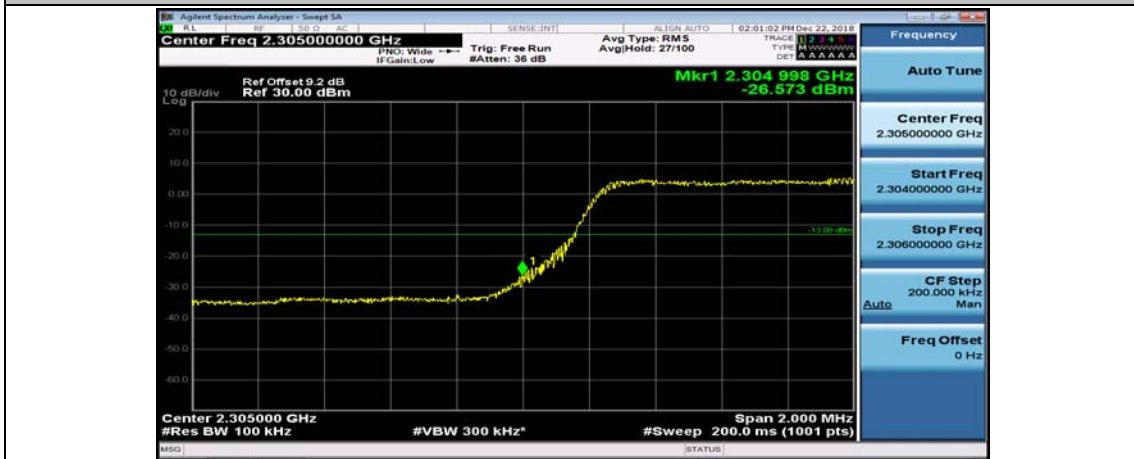
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



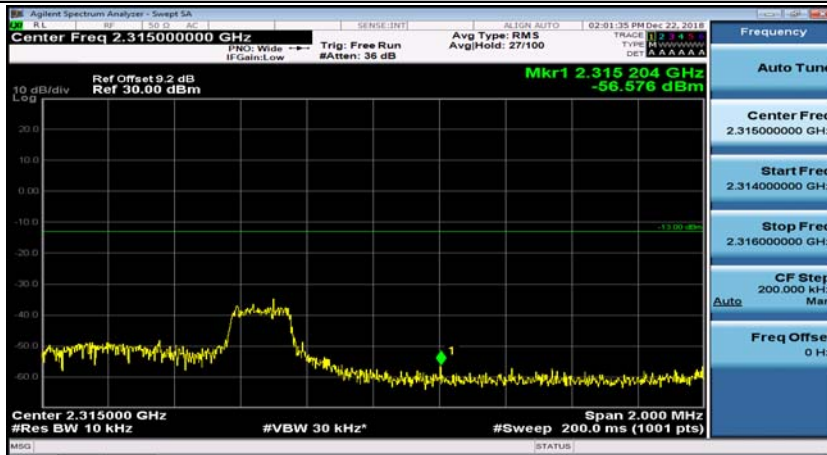
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



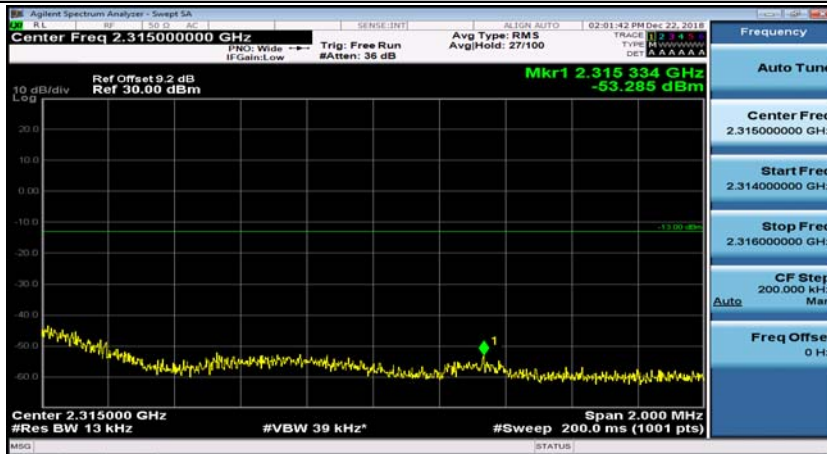
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



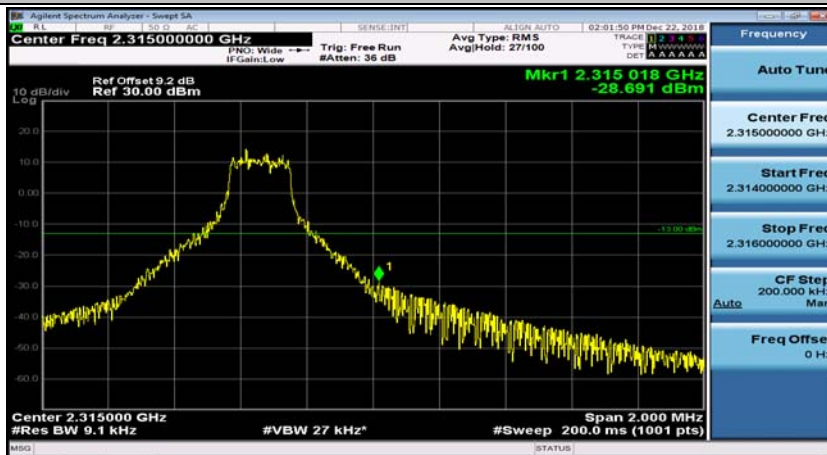
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



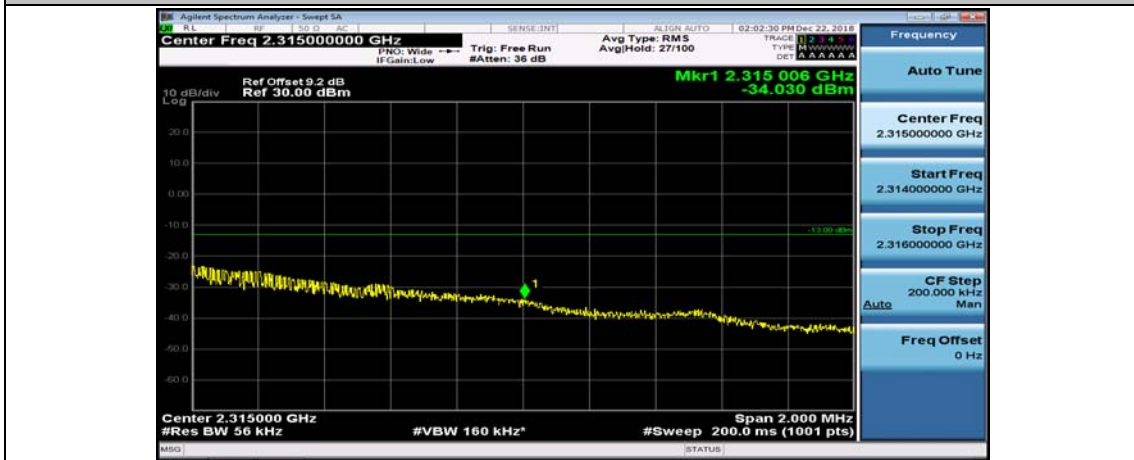
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



(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