

Appendix for Band 40

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	21.49	PASS
		1	12	21.48	PASS
		1	24	21.40	PASS
		12	0	20.84	PASS
		12	6	20.86	PASS
		12	13	20.78	PASS
		25	0	20.74	PASS
	HCH	1	0	21.45	PASS
		1	12	21.41	PASS
		1	24	21.31	PASS
		12	0	20.88	PASS
		12	6	20.86	PASS
		12	13	20.79	PASS
		25	0	20.76	PASS
16QAM	LCH	1	0	20.71	PASS
		1	12	20.72	PASS
		1	24	20.66	PASS
		12	0	20.46	PASS
		12	6	20.46	PASS
		12	13	20.43	PASS
		25	0	20.35	PASS
	HCH	1	0	20.85	PASS
		1	12	20.79	PASS
		1	24	20.69	PASS
		12	0	20.37	PASS
		12	6	20.37	PASS
		12	13	20.41	PASS
		25	0	20.49	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	MCH	1	0	21.50	PASS
		1	24	22.12	PASS
		1	49	21.31	PASS
		25	0	21.37	PASS
		25	12	21.36	PASS
		25	25	21.29	PASS
		50	0	21.32	PASS
16QAM	MCH	1	0	21.19	PASS
		1	24	21.10	PASS
		1	49	21.01	PASS
		25	0	20.37	PASS
		25	12	20.34	PASS
		25	25	20.38	PASS
		50	0	20.36	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	9.57	<13	PASS
		1	12	9.35	<13	PASS
		1	24	12.83	<13	PASS
		12	0	8.95	<13	PASS
		12	6	8.55	<13	PASS
		12	13	11.07	<13	PASS
		25	0	8.04	<13	PASS
	HCH	1	0	7.86	<13	PASS
		1	12	7.93	<13	PASS
		1	24	9.29	<13	PASS
		12	0	8.22	<13	PASS
		12	6	8.90	<13	PASS
		12	13	12.64	<13	PASS
		25	0	11.45	<13	PASS
16QAM	LCH	1	0	9.80	<13	PASS
		1	12	8.66	<13	PASS
		1	24	10.81	<13	PASS
		12	0	10.06	<13	PASS
		12	6	11.51	<13	PASS
		12	13	11.14	<13	PASS
		25	0	8.29	<13	PASS
	HCH	1	0	8.86	<13	PASS
		1	12	8.13	<13	PASS
		1	24	10.41	<13	PASS
		12	0	9.70	<13	PASS
		12	6	8.88	<13	PASS
		12	13	12.15	<13	PASS
		25	0	10.13	<13	PASS

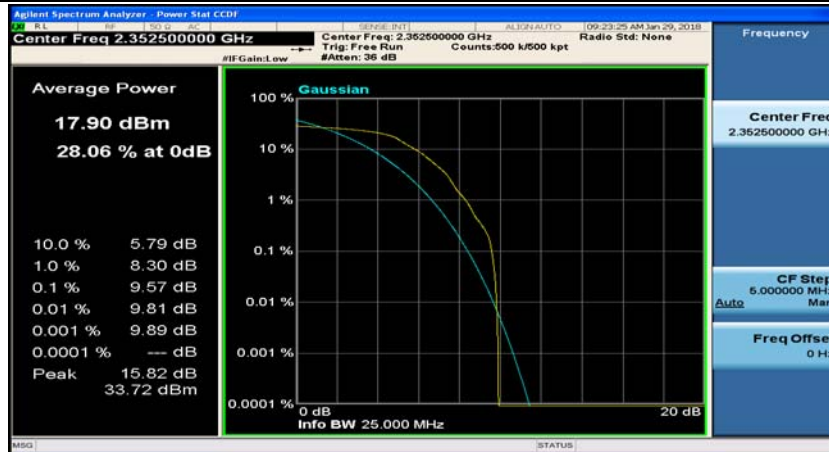
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	9.16	<13	PASS
		1	24	9.61	<13	PASS
		1	49	9.39	<13	PASS
		25	0	9.17	<13	PASS
		25	12	8.60	<13	PASS
		25	25	10.64	<13	PASS
		50	0	11.34	<13	PASS
16QAM	MCH	1	0	12.18	<13	PASS
		1	24	7.63	<13	PASS
		1	49	9.30	<13	PASS
		25	0	7.86	<13	PASS
		25	12	8.03	<13	PASS
		25	25	9.10	<13	PASS
		50	0	8.56	<13	PASS

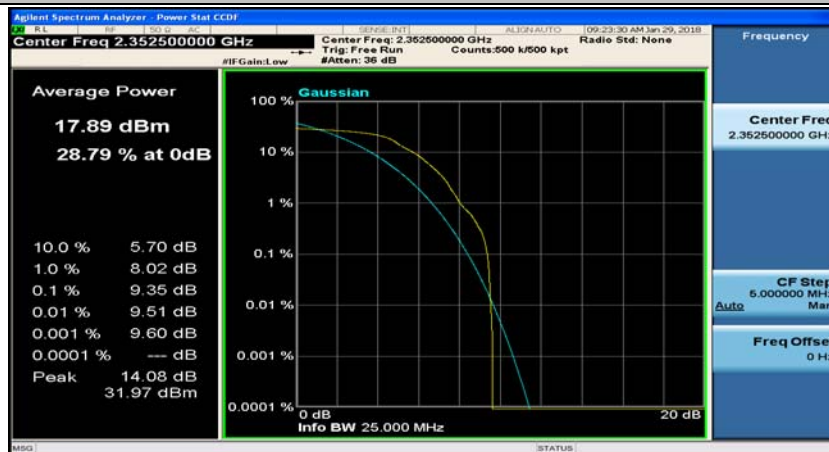
Test Graphs

Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



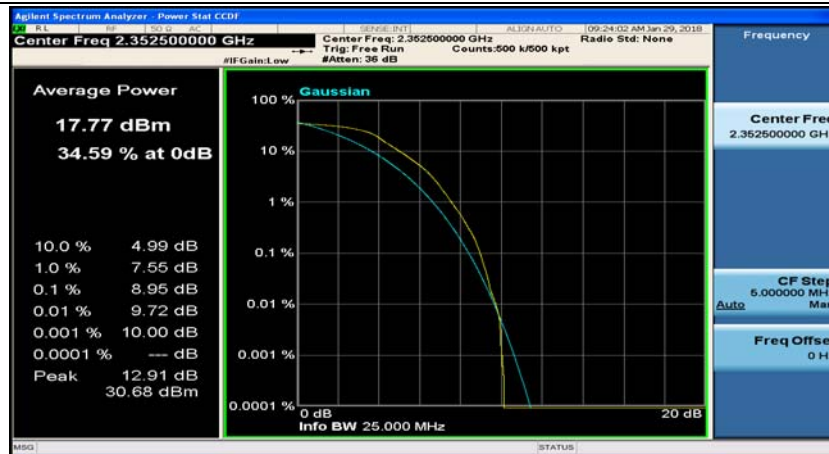
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



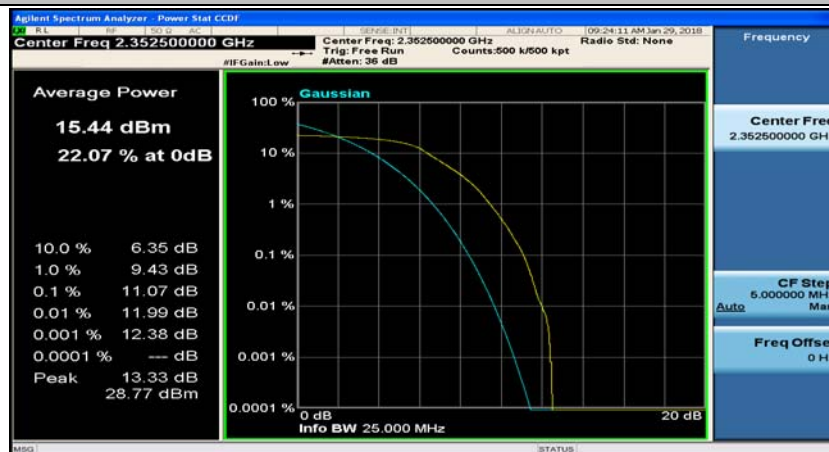
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



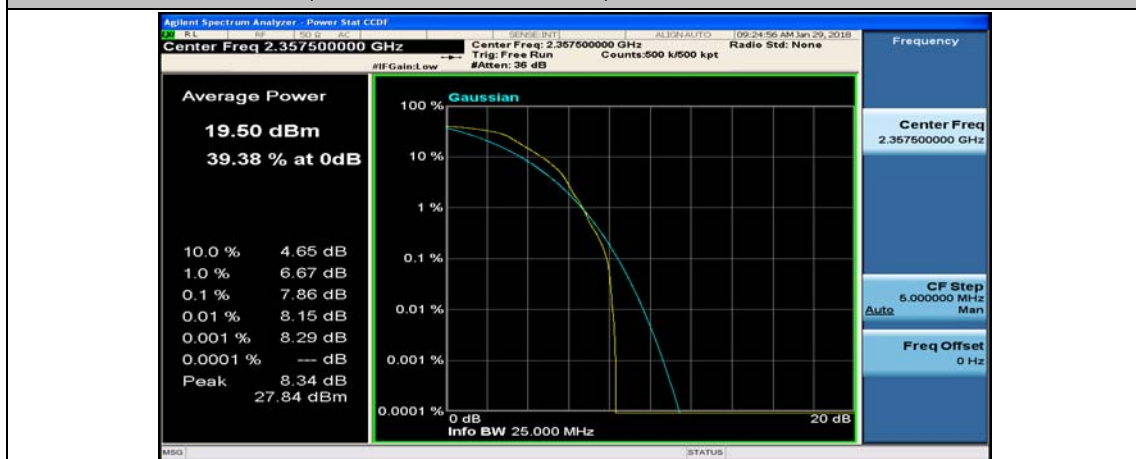
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



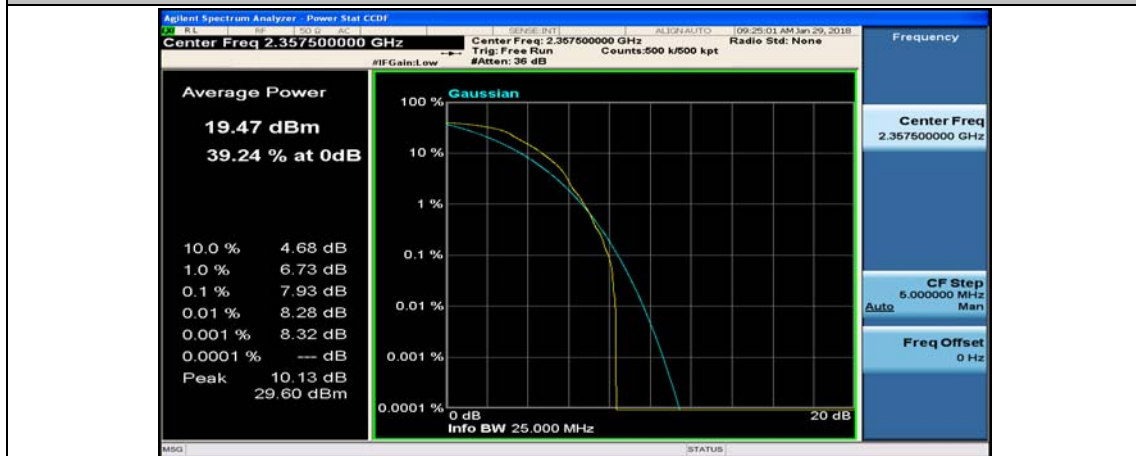
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



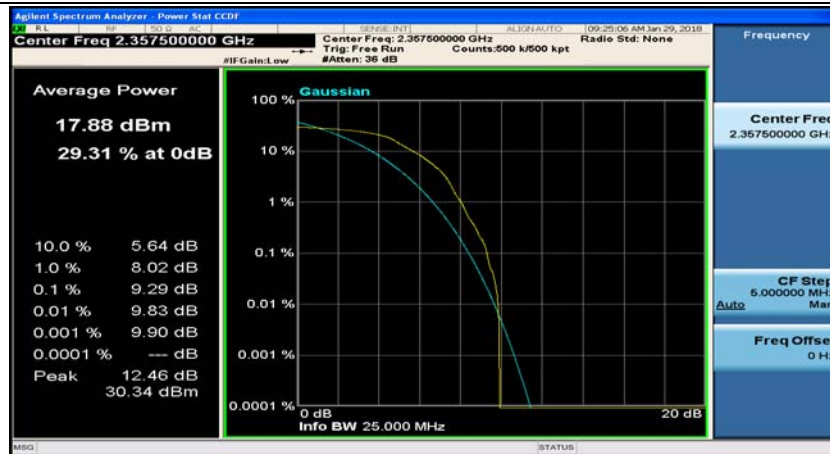
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



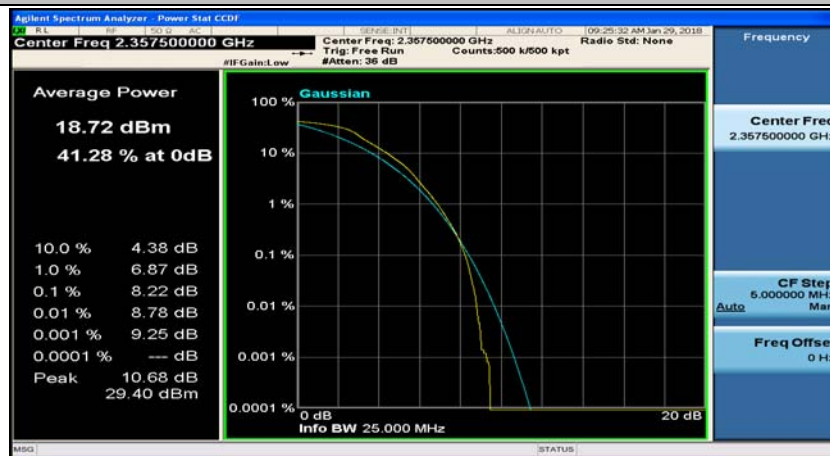
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



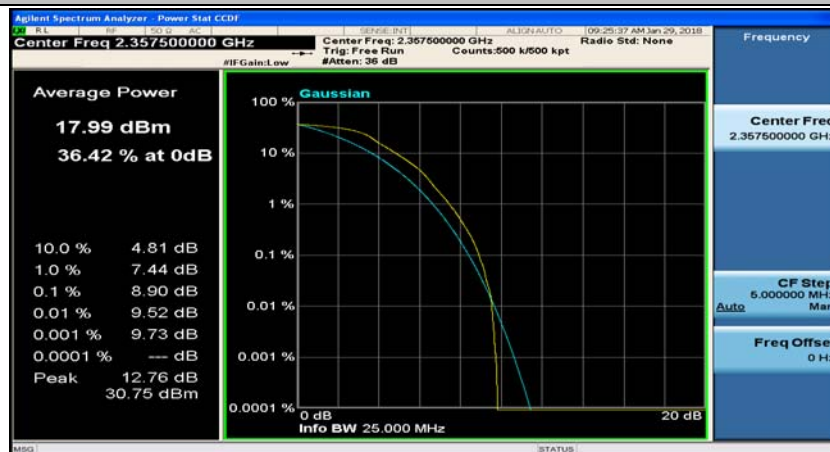
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



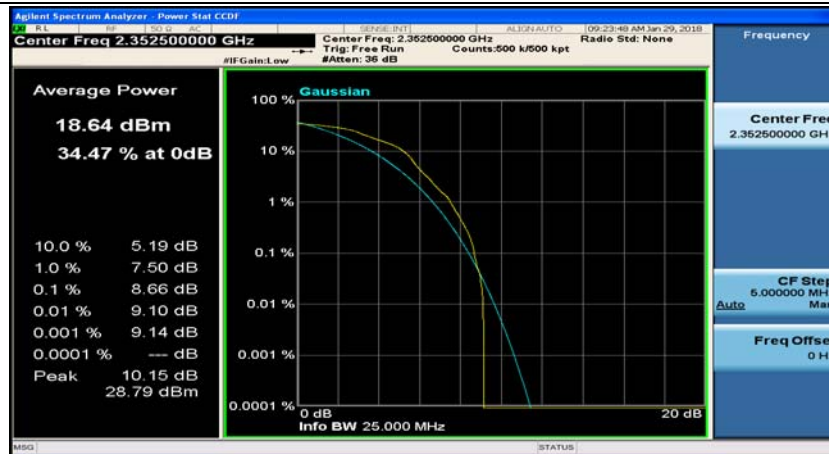
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



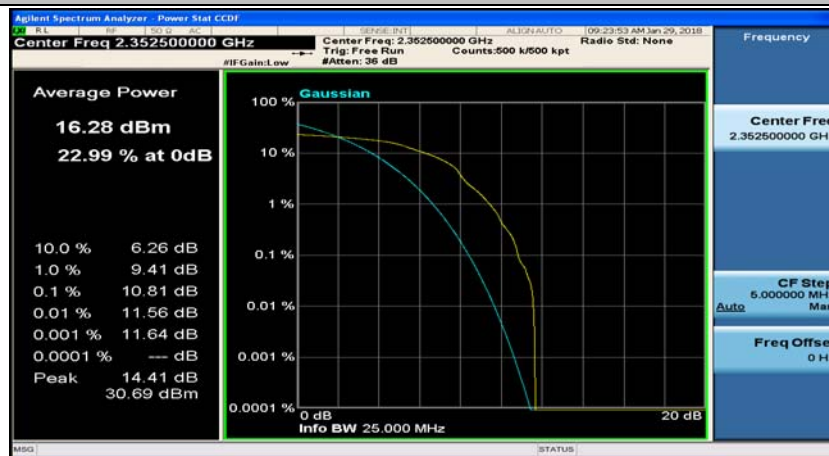
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



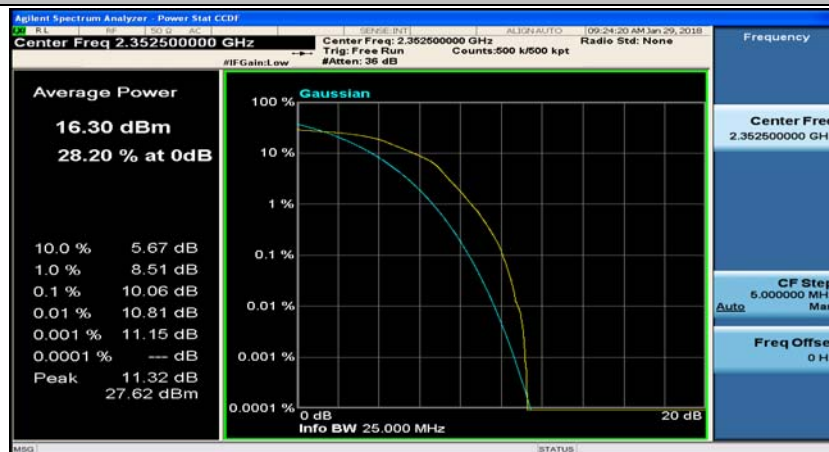
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



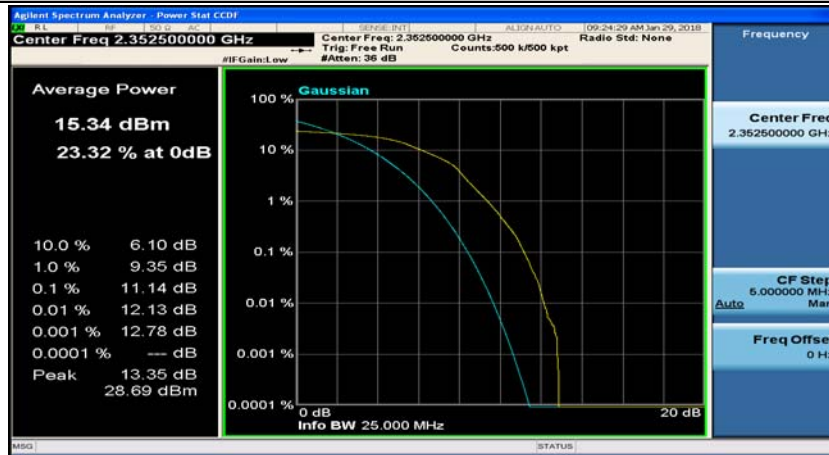
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



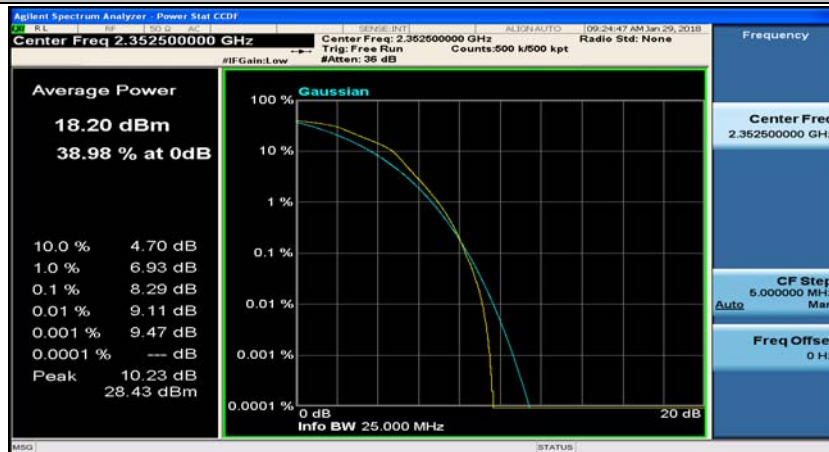
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



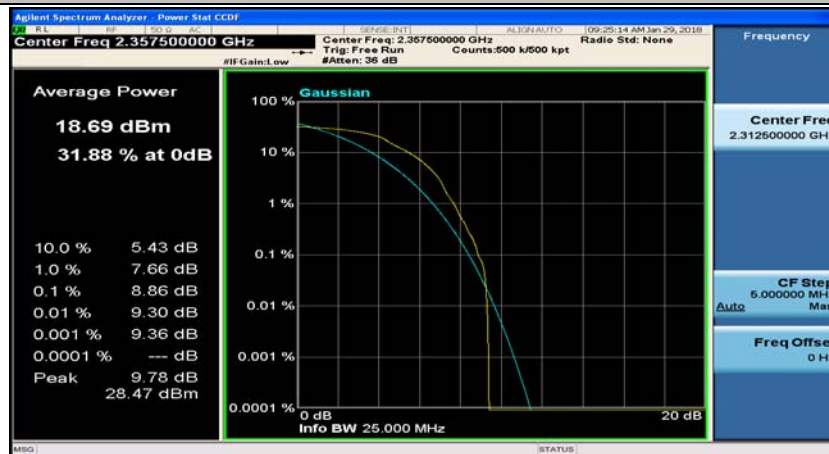
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



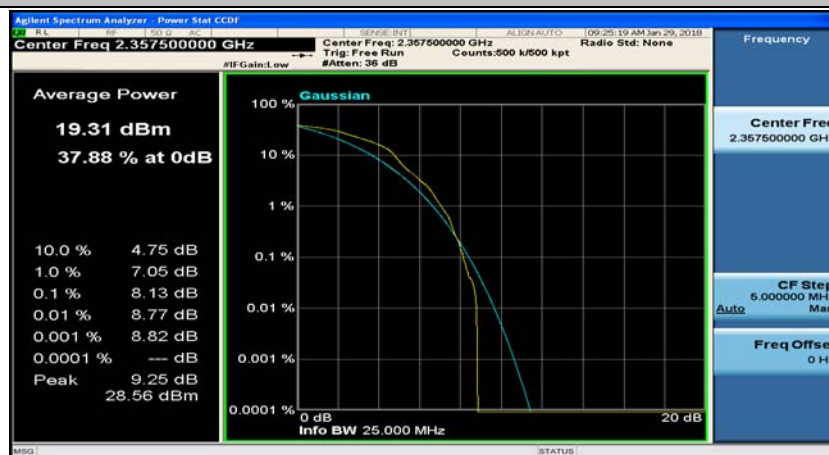
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



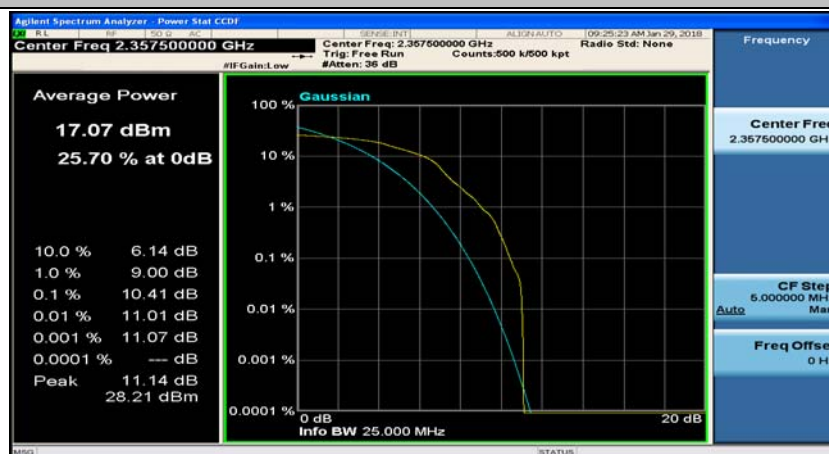
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



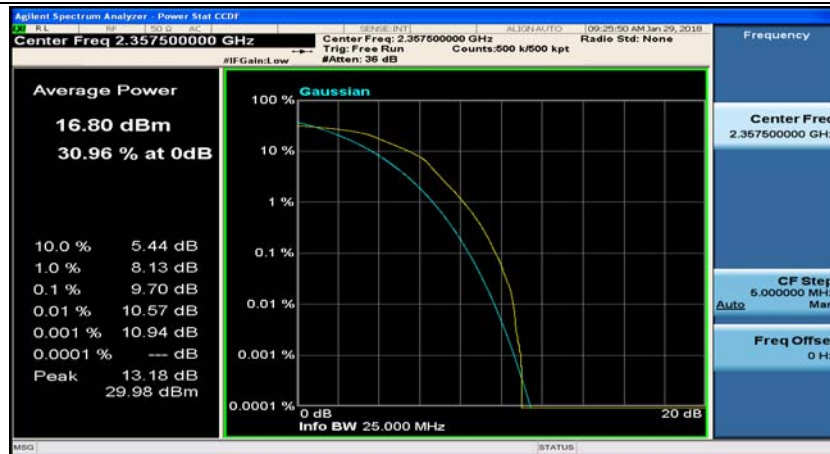
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



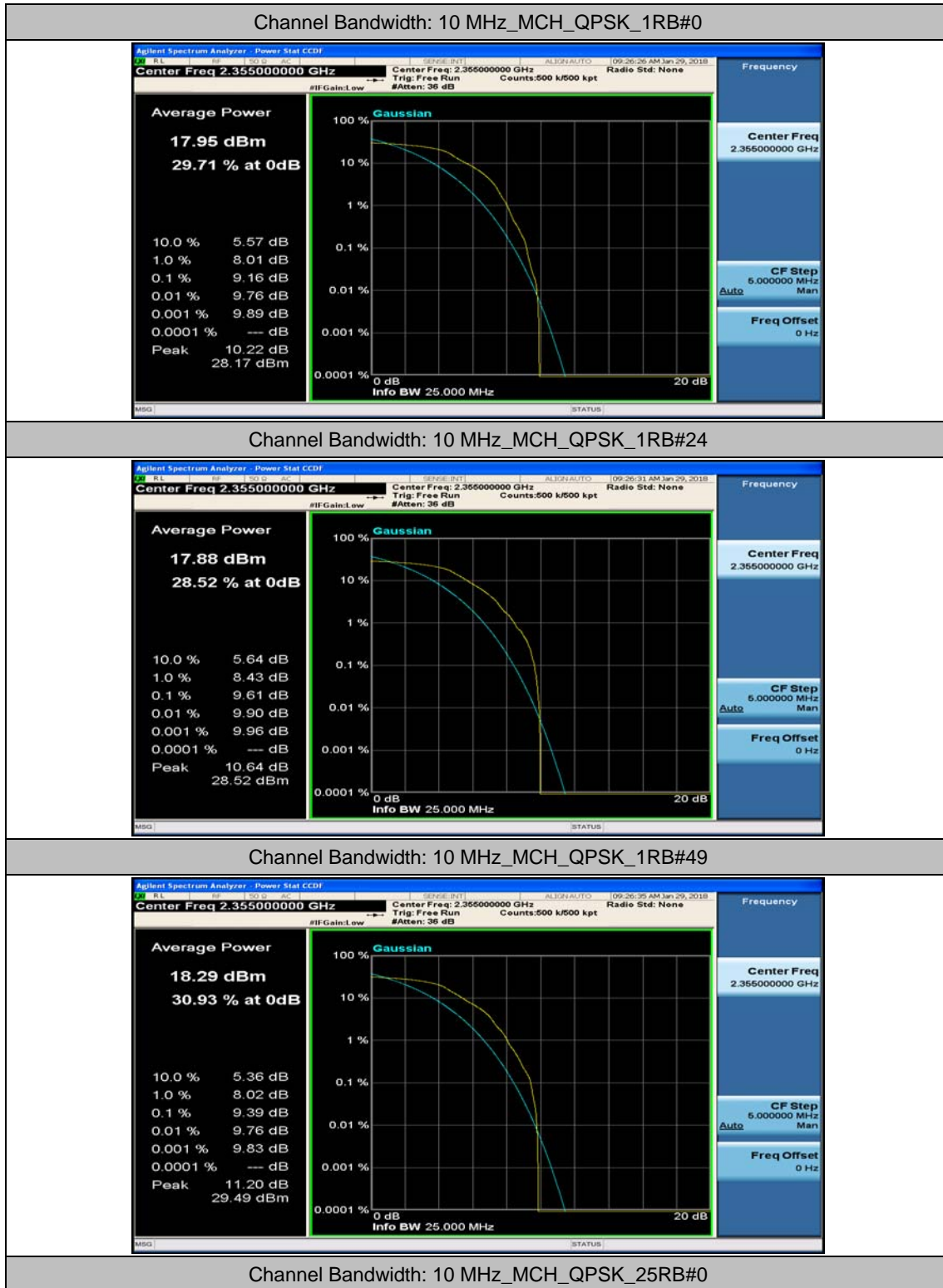
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

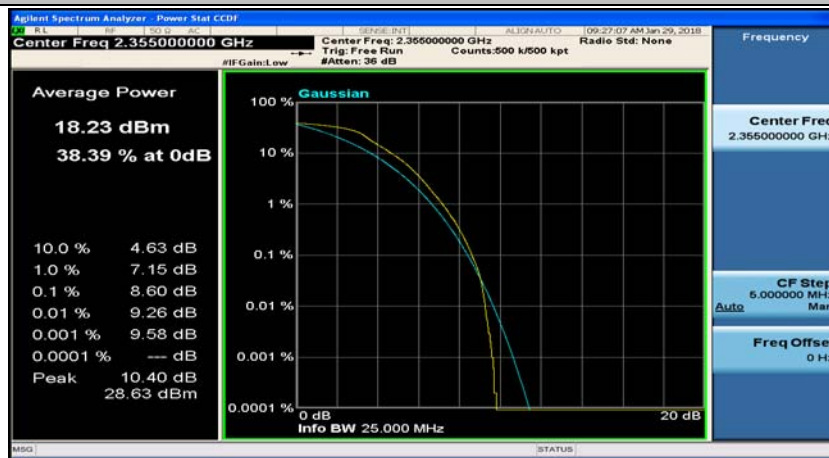
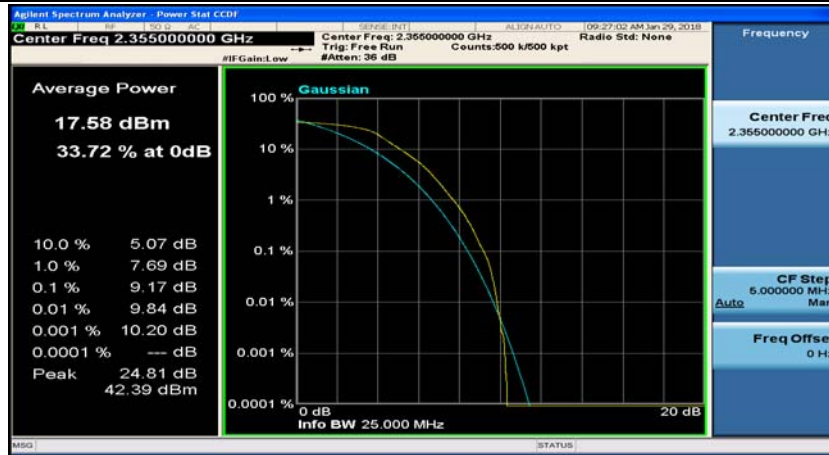


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



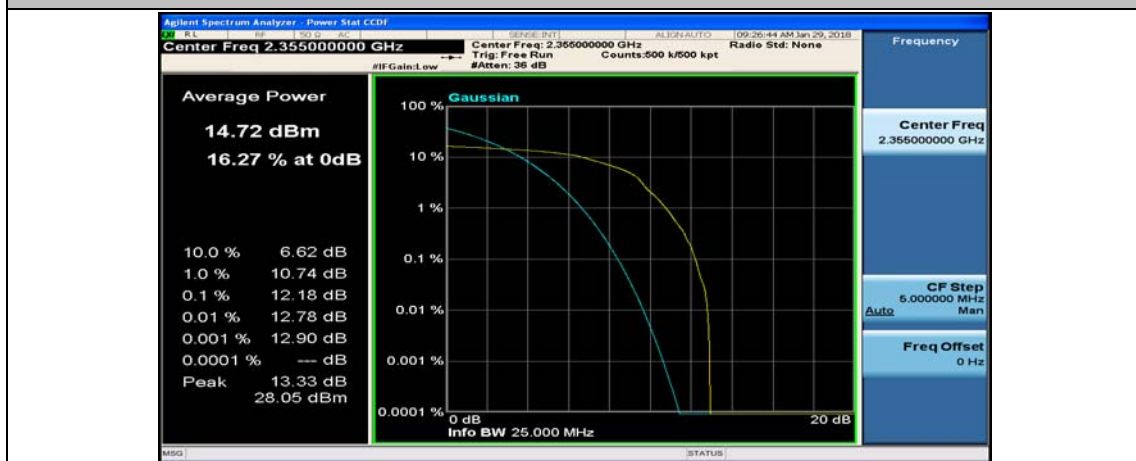
Channel Bandwidth: 10 MHz



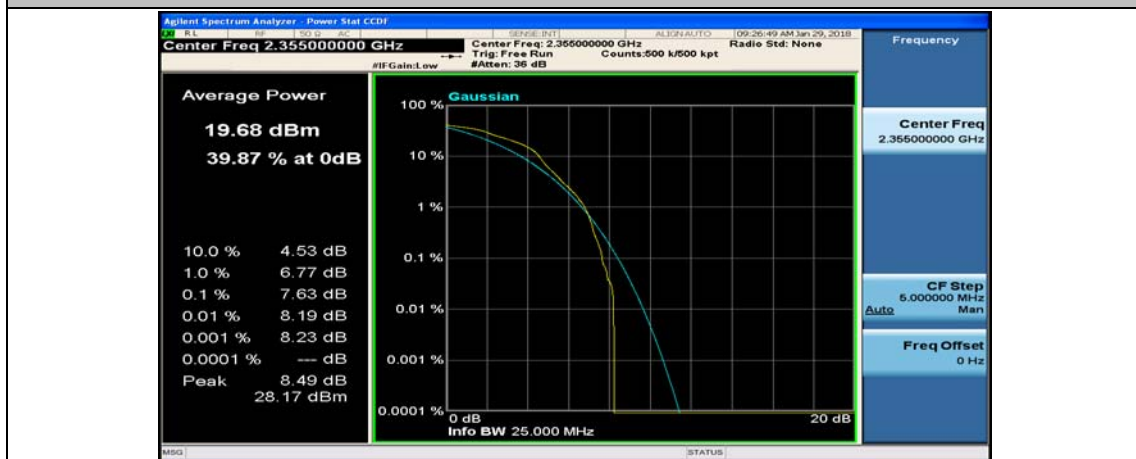




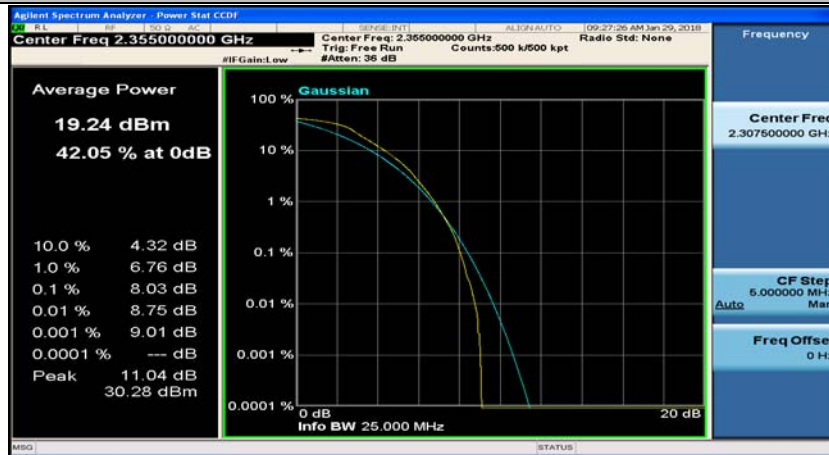
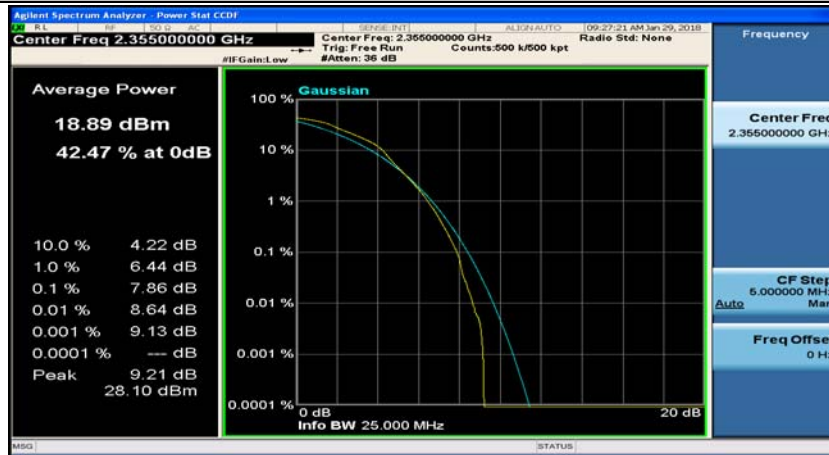
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

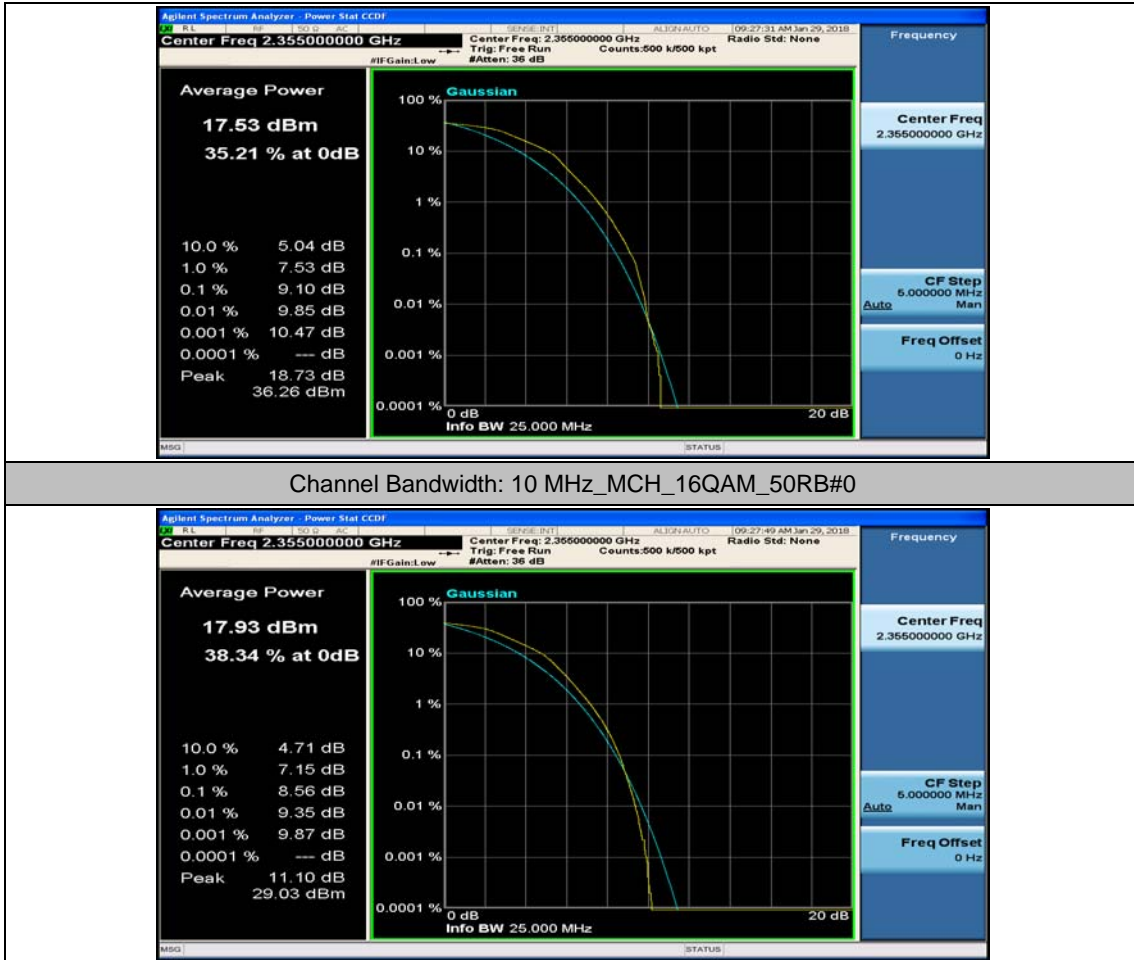


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49





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	4.4900	4.784	PASS
	HCH	25	0	4.4704	4.808	PASS
16QAM	LCH	25	0	4.4740	4.764	PASS
	HCH	25	0	4.4821	4.815	PASS

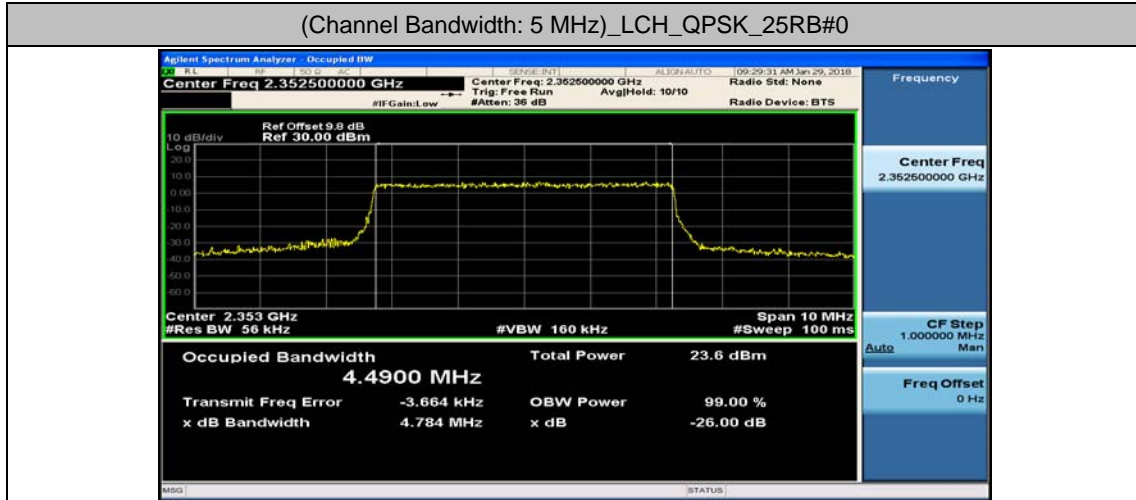
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	MCH	50	0	8.9373	9.384	PASS
16QAM	MCH	50	0	8.9268	9.362	PASS

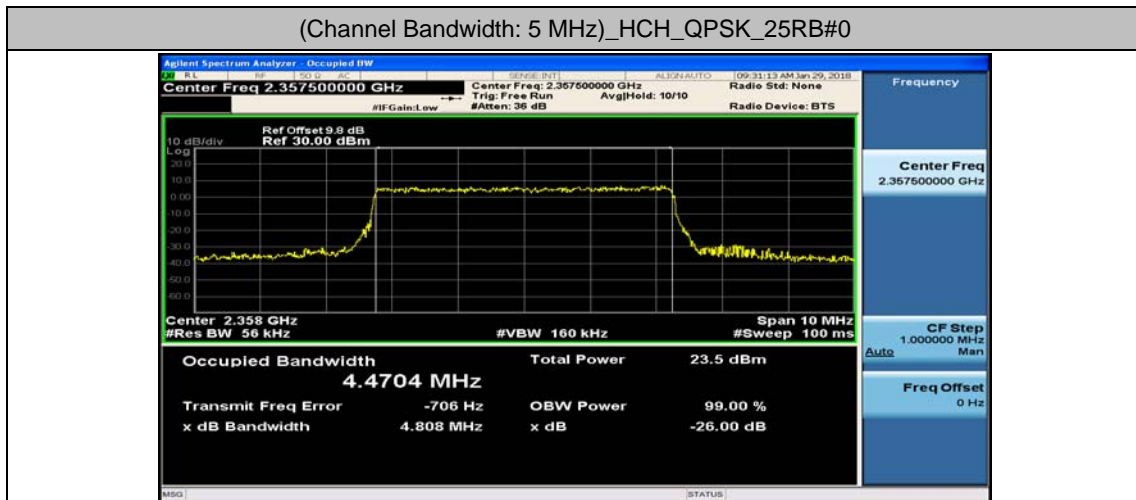
Test Graphs

Channel Bandwidth: 5 MHz

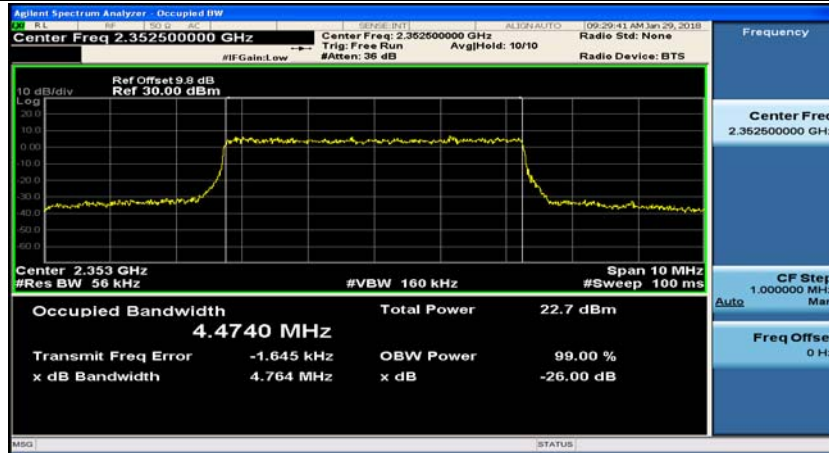
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



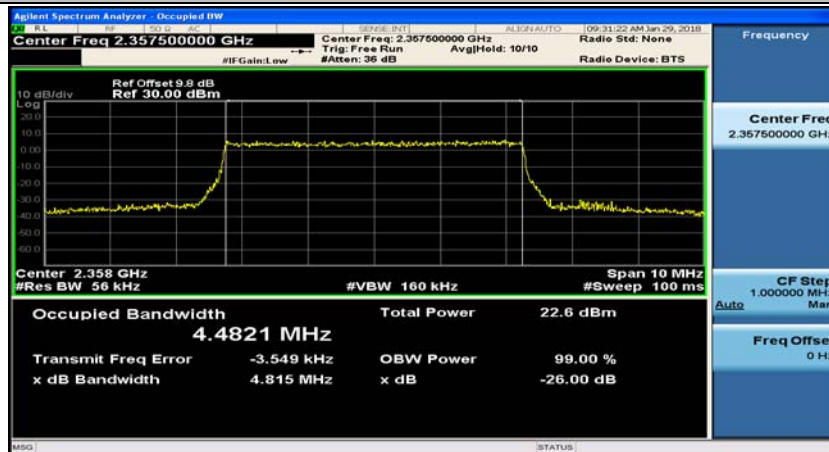
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



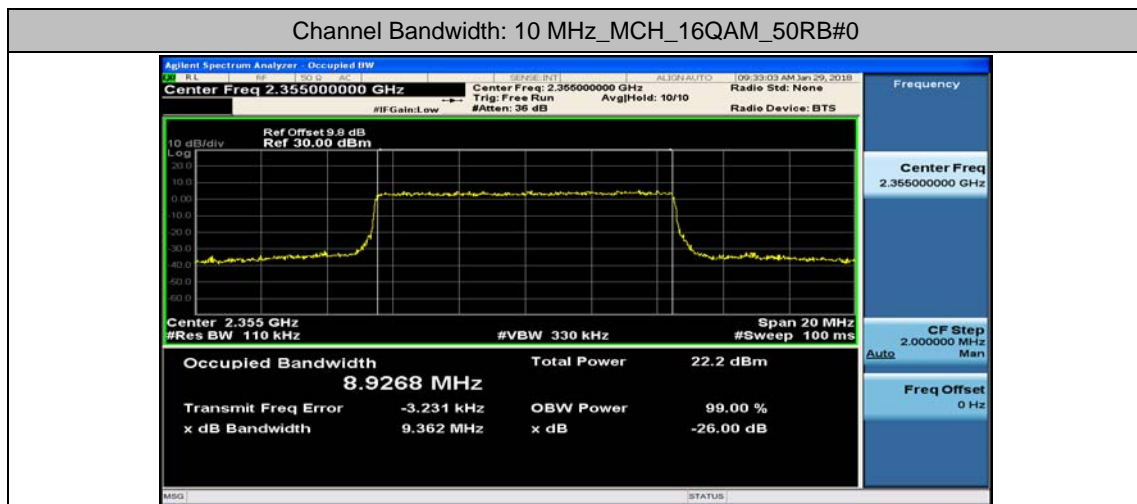
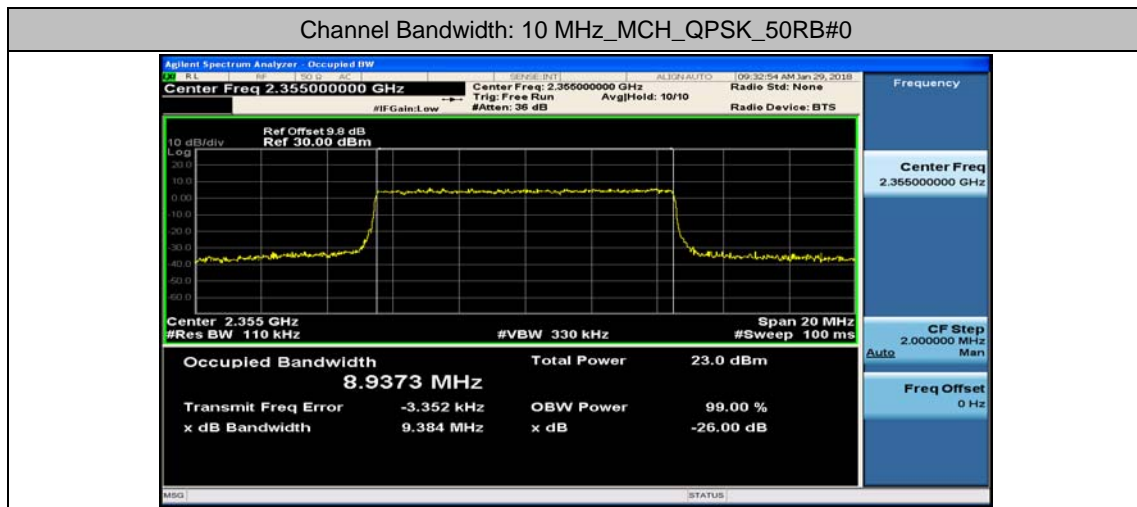
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz

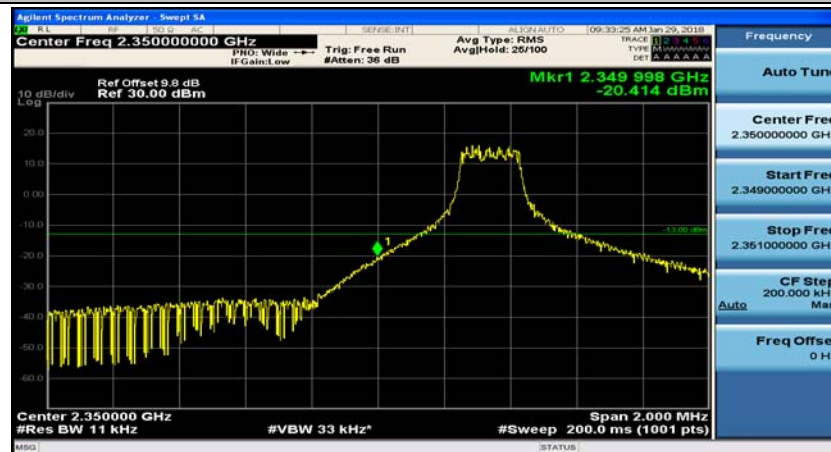


Appendix D: Band Edge

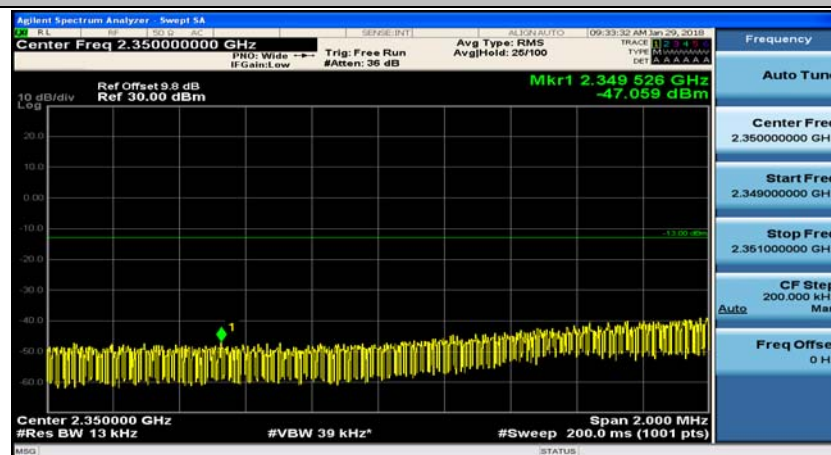
Test Graphs

Channel Bandwidth: 5 MHz

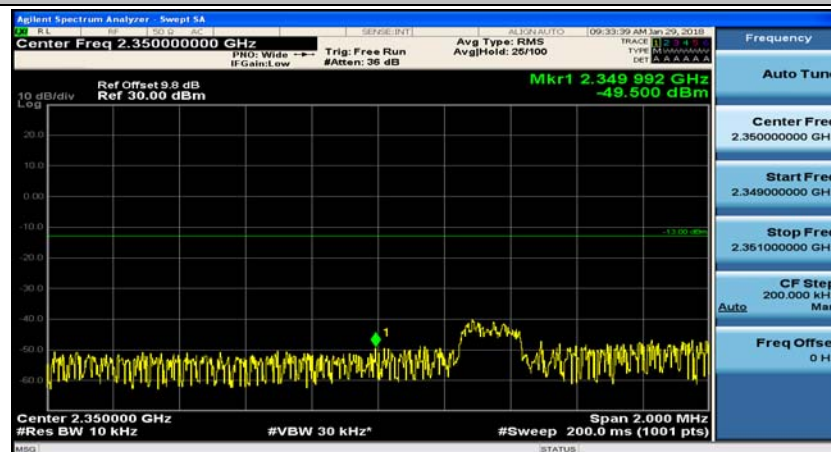
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



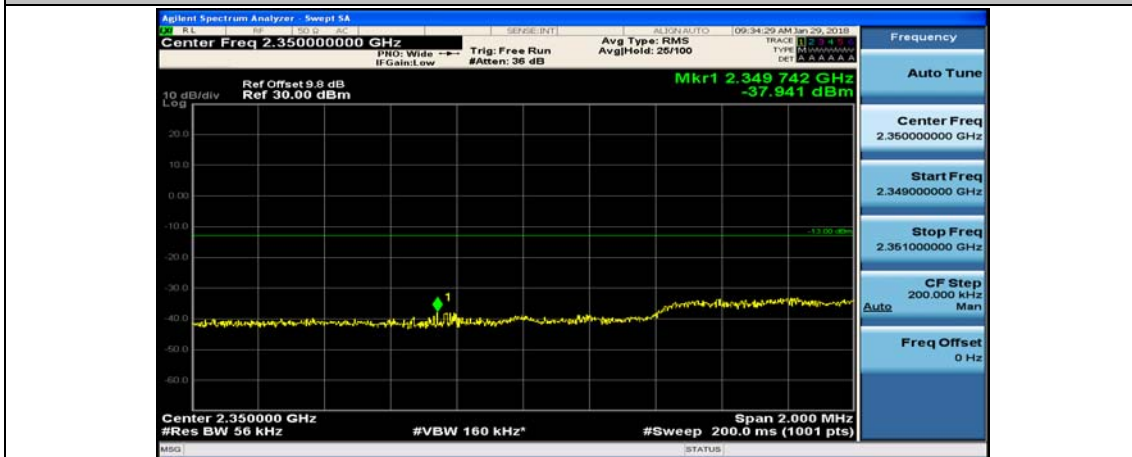
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12

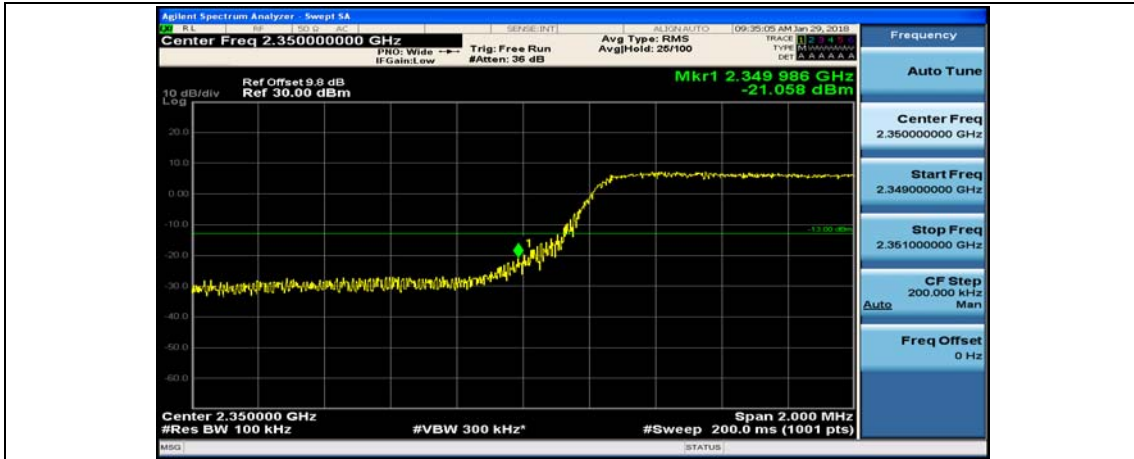


(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24

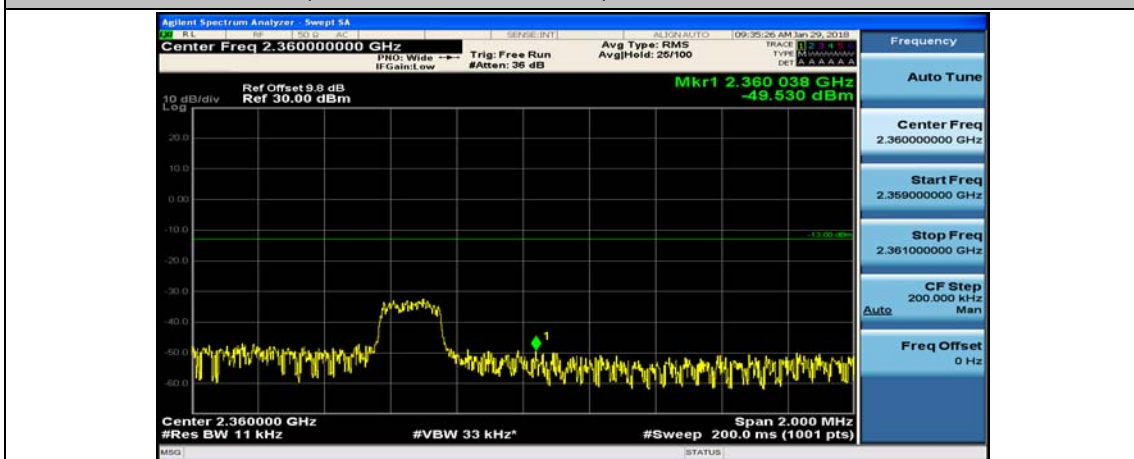


(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0

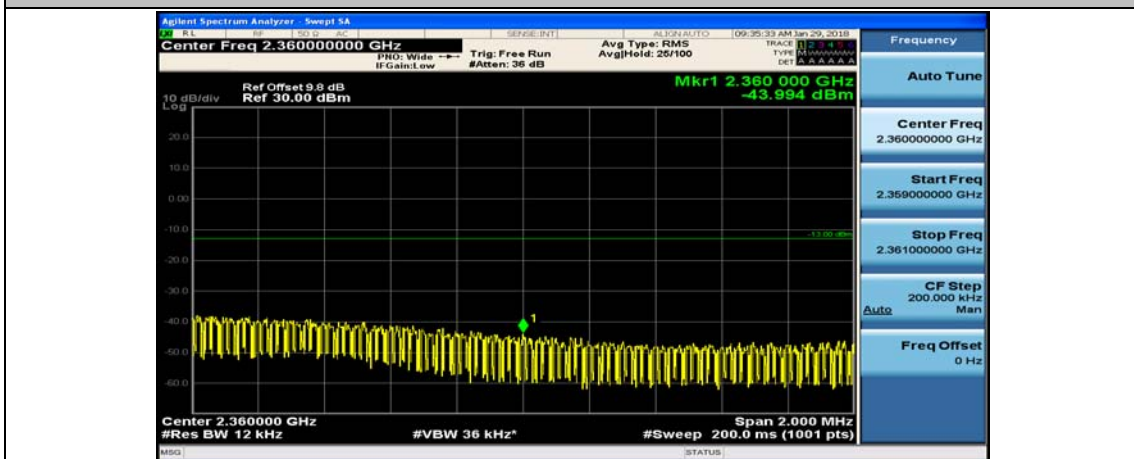




(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



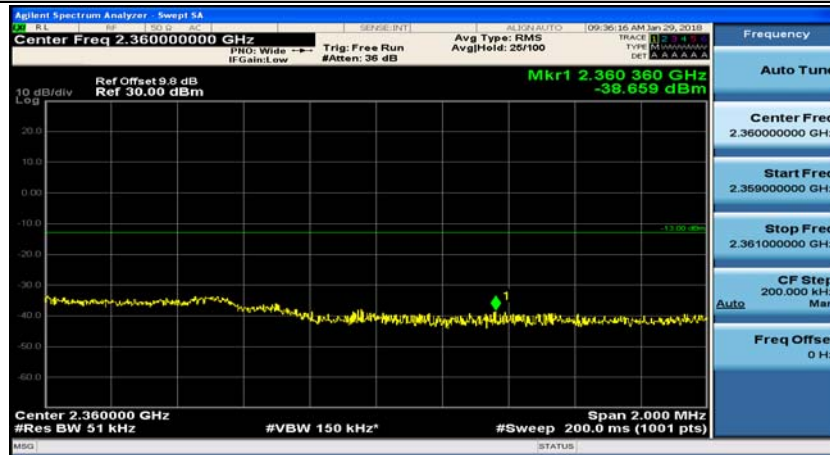
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



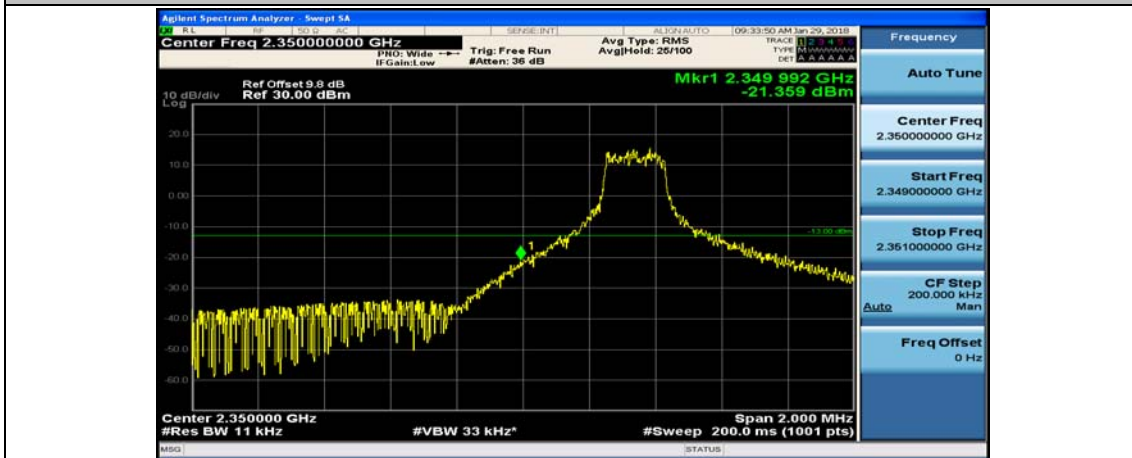
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



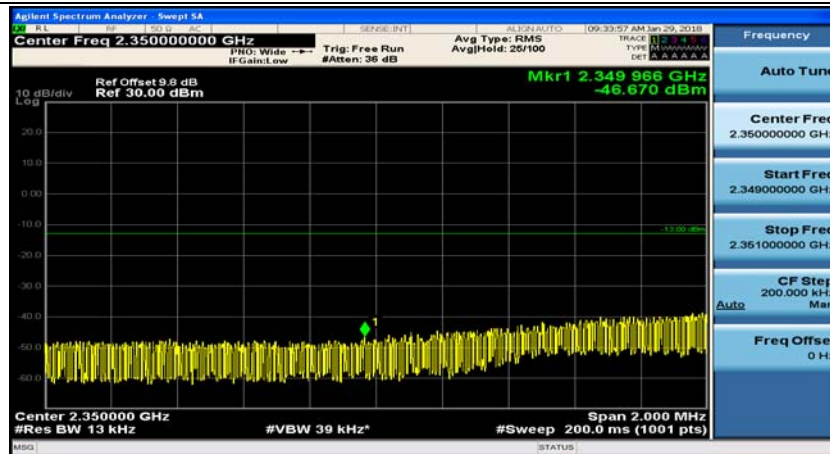
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



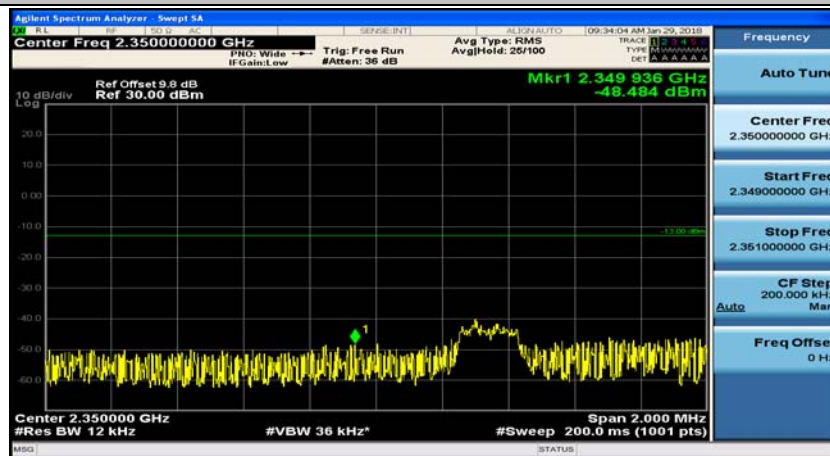
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



(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

