

Appendix for Band 40(2350-2360MHz)

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	22.86	PASS
		1	12	22.86	PASS
		1	24	22.81	PASS
		12	0	21.90	PASS
		12	6	21.88	PASS
		12	13	21.85	PASS
		25	0	21.86	PASS
	HCH	1	0	22.87	PASS
		1	12	22.85	PASS
		1	24	22.79	PASS
		12	0	21.79	PASS
		12	6	21.87	PASS
		12	13	21.84	PASS
		25	0	21.80	PASS
16QAM	LCH	1	0	21.75	PASS
		1	12	21.79	PASS
		1	24	21.96	PASS
		12	0	20.92	PASS
		12	6	20.92	PASS
		12	13	20.89	PASS
		25	0	20.85	PASS
	HCH	1	0	21.87	PASS
		1	12	21.85	PASS
		1	24	22.00	PASS
		12	0	20.78	PASS
		12	6	20.82	PASS
		12	13	20.80	PASS
		25	0	20.82	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	MCH	1	0	22.94	PASS
		1	24	22.97	PASS
		1	49	22.77	PASS
		25	0	21.91	PASS
		25	12	21.89	PASS
		25	25	21.91	PASS
		50	0	21.90	PASS
16QAM	MCH	1	0	21.83	PASS
		1	24	21.86	PASS
		1	49	22.00	PASS
		25	0	20.88	PASS
		25	12	20.89	PASS
		25	25	20.92	PASS
		50	0	20.90	PASS

Appendix B: Peak-to-Average Ratio

Test Result

Channel Bandwidth: 5 MHz

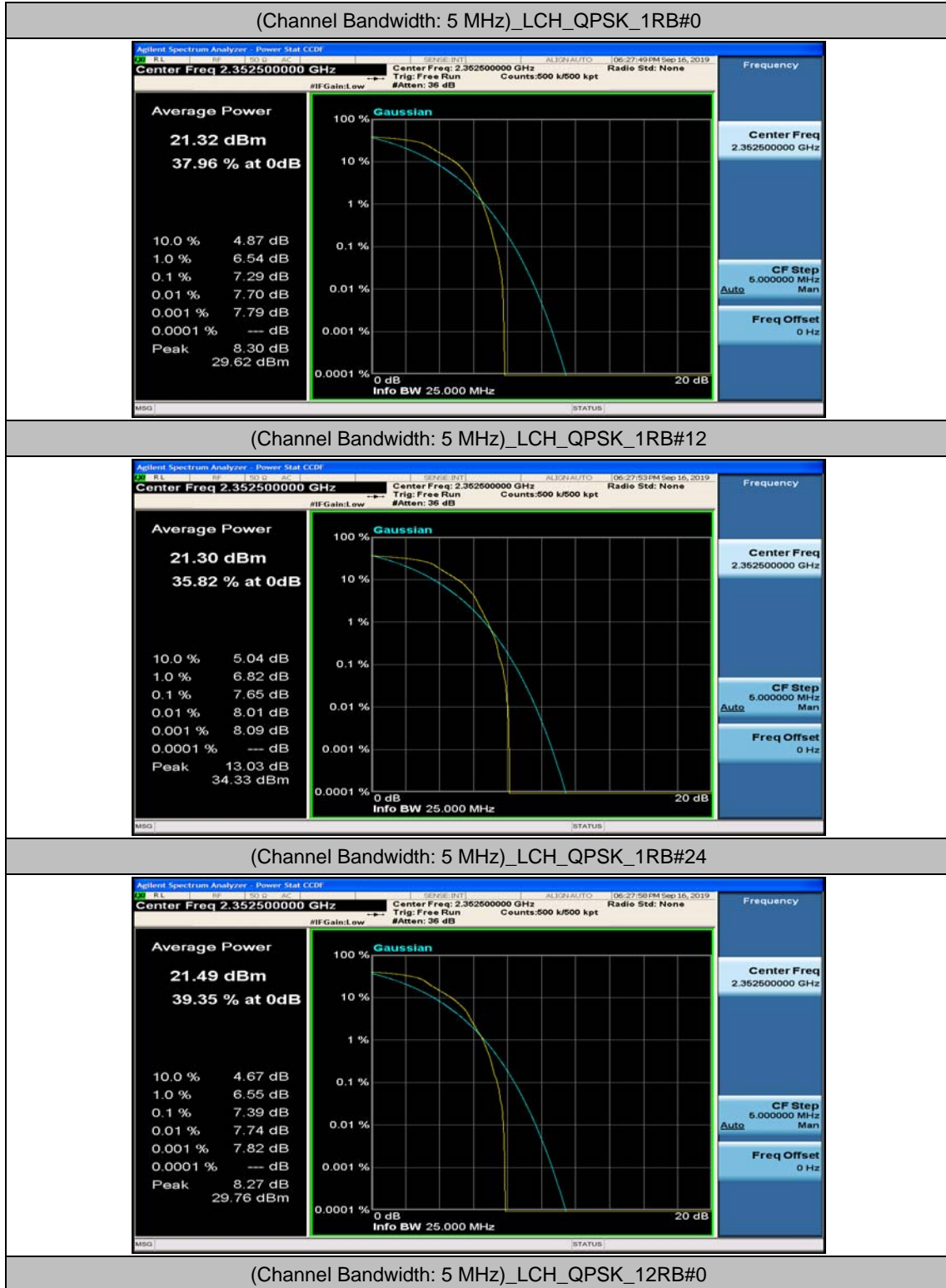
Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	7.29	<13	PASS
		1	12	7.65	<13	PASS
		1	24	7.39	<13	PASS
		12	0	9.77	<13	PASS
		12	6	8.28	<13	PASS
		12	13	9.12	<13	PASS
		25	0	10.62	<13	PASS
	HCH	1	0	9	<13	PASS
		1	12	9.26	<13	PASS
		1	24	10.98	<13	PASS
		12	0	9.95	<13	PASS
		12	6	10.45	<13	PASS
		12	13	9.69	<13	PASS
		25	0	12.3	<13	PASS
16QAM	LCH	1	0	9.59	<13	PASS
		1	12	8.58	<13	PASS
		1	24	9.83	<13	PASS
		12	0	10.04	<13	PASS
		12	6	10.72	<13	PASS
		12	13	8.65	<13	PASS
		25	0	9.79	<13	PASS
	HCH	1	0	10.57	<13	PASS
		1	12	9.35	<13	PASS
		1	24	9.11	<13	PASS
		12	0	8.34	<13	PASS
		12	6	10.23	<13	PASS
		12	13	9.99	<13	PASS
		25	0	8.43	<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	7.9	<13	PASS
		1	24	9.19	<13	PASS
		1	49	8.93	<13	PASS
		25	0	9.41	<13	PASS
		25	12	10.96	<13	PASS
		25	25	9.27	<13	PASS
		50	0	8.55	<13	PASS
16QAM	MCH	1	0	9.63	<13	PASS
		1	24	9.12	<13	PASS
		1	49	8.46	<13	PASS
		25	0	10.68	<13	PASS
		25	12	9.67	<13	PASS
		25	25	9.17	<13	PASS
		50	0	9.26	<13	PASS

Test Graphs

Channel Bandwidth: 5 MHz





(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



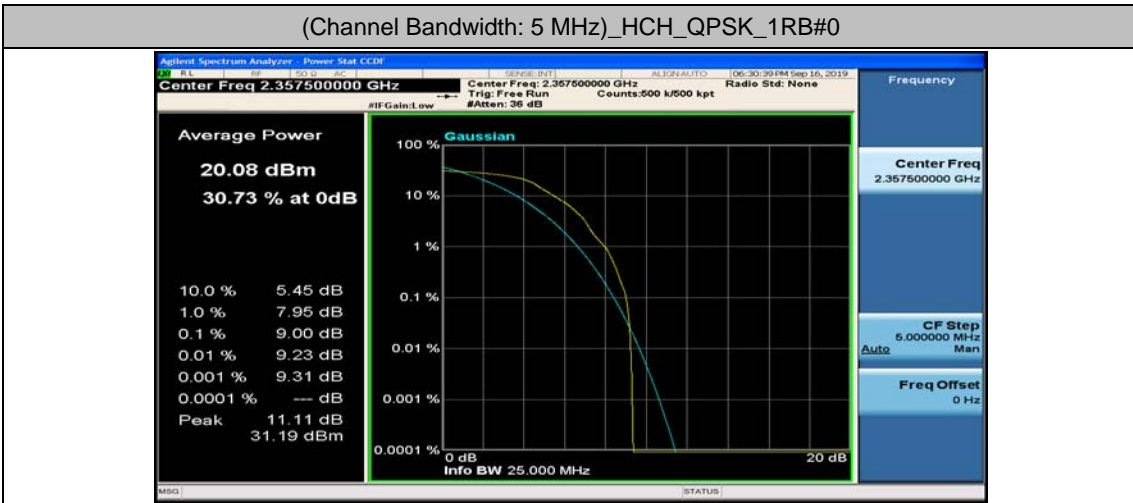
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



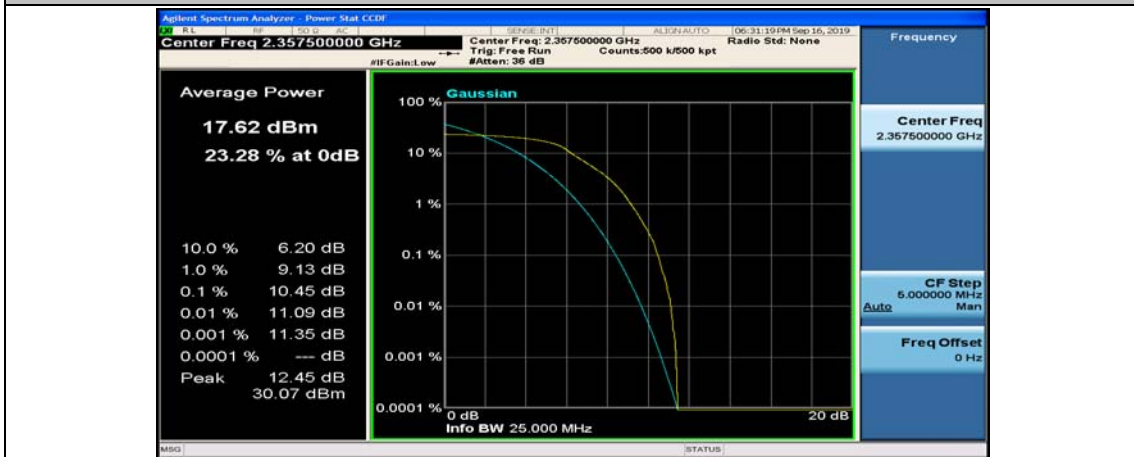
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



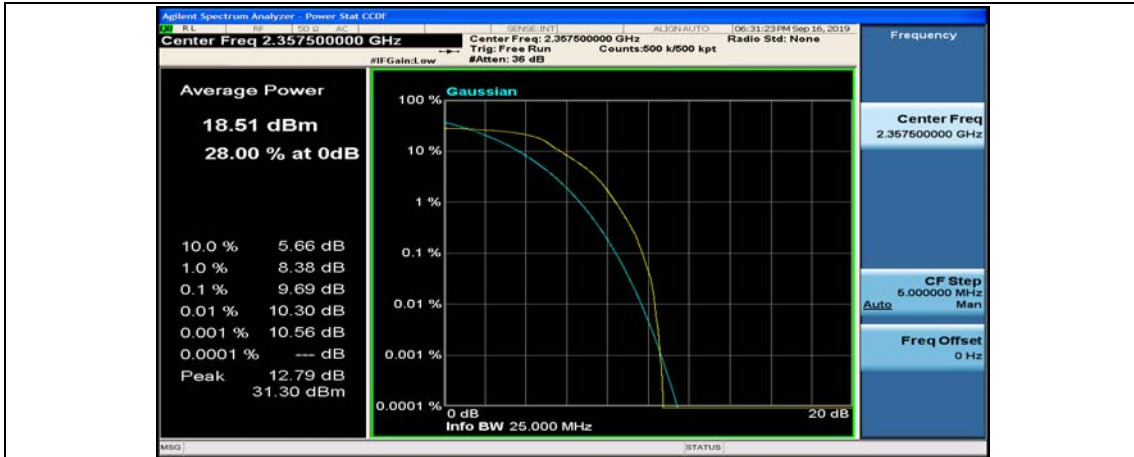
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



(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



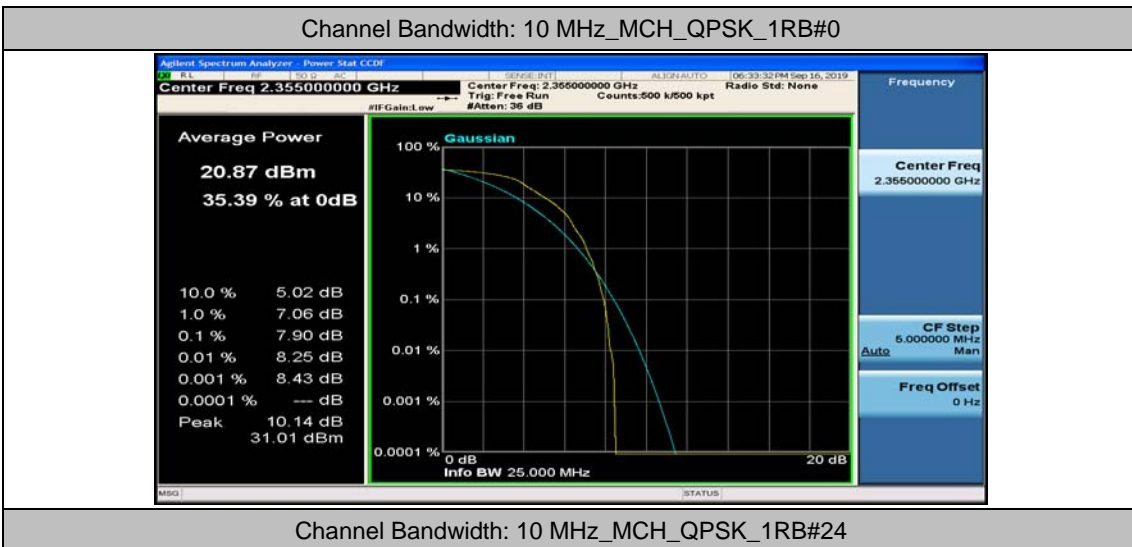
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6

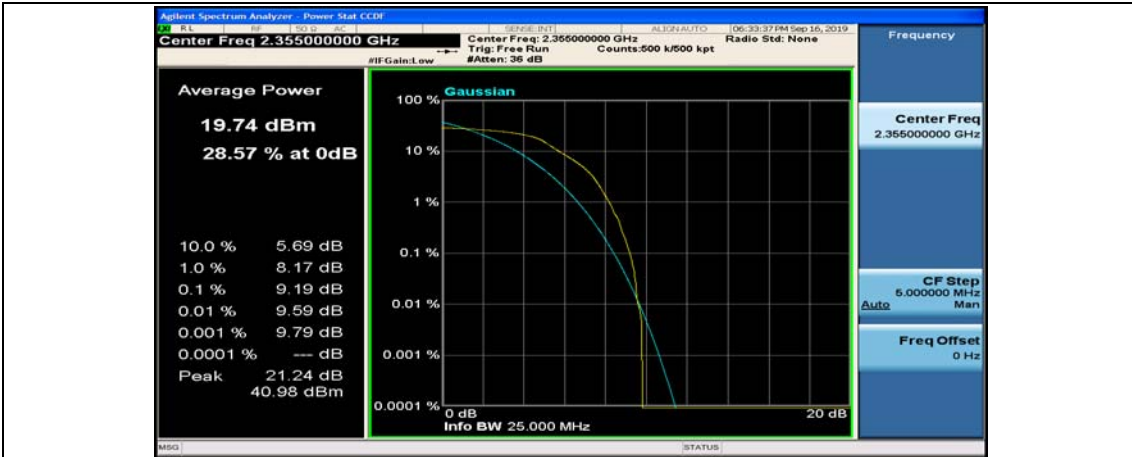


(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

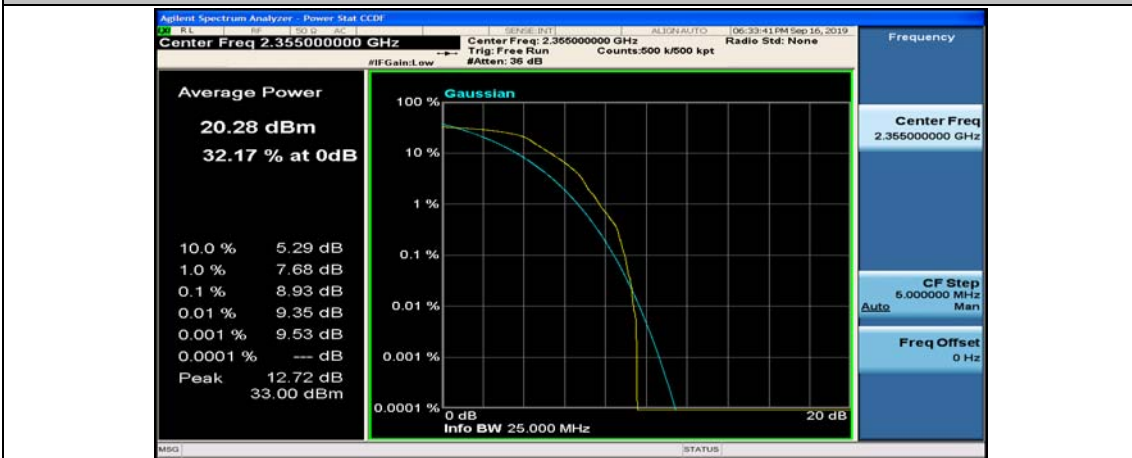


Channel Bandwidth: 10 MHz





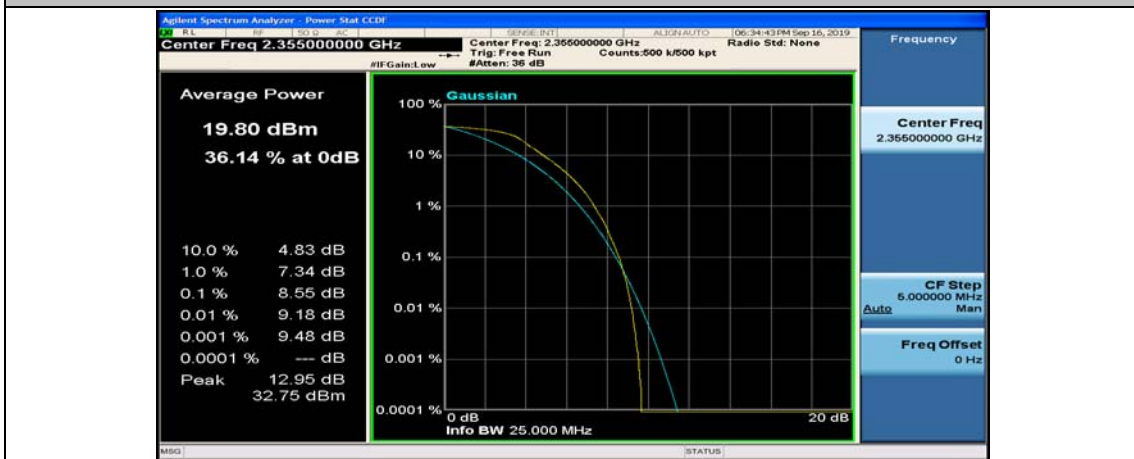
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49



Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0



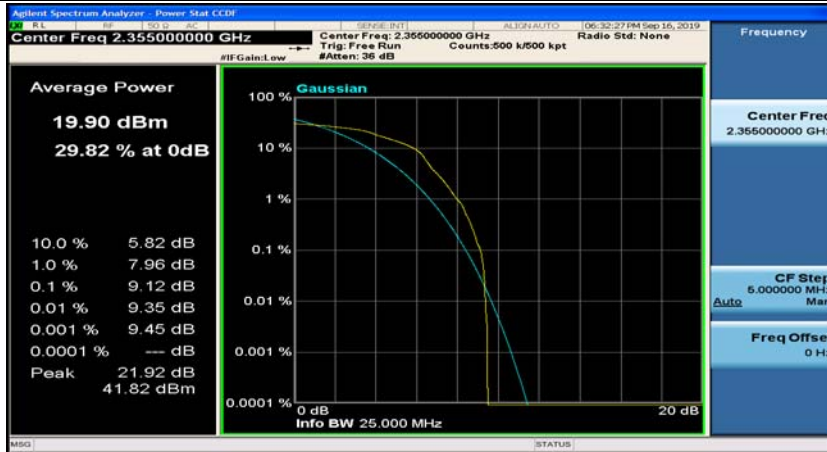
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_MCH_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





Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Channel Bandwidth: 5 MHz

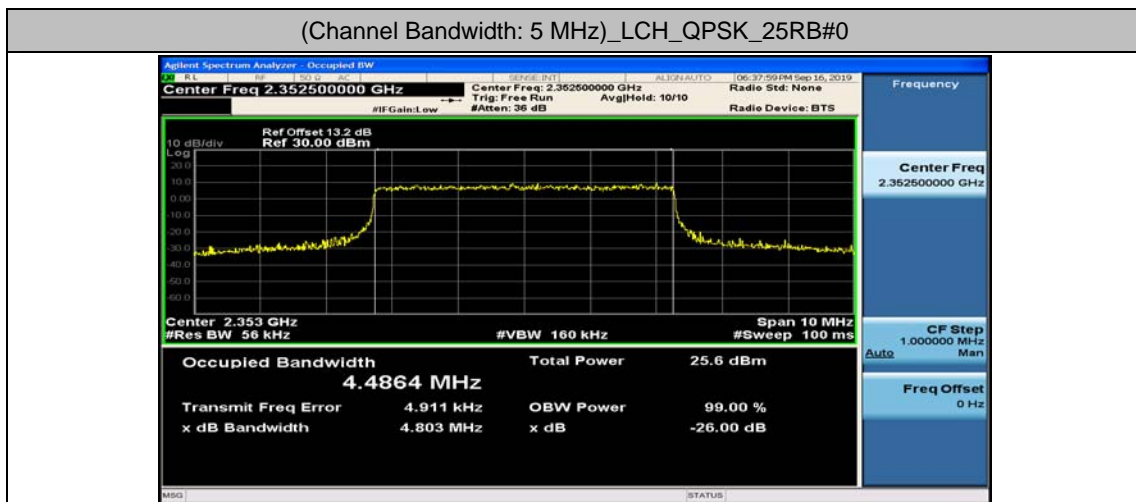
Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	25	0	4.4864	4.803	PASS
	HCH	25	0	4.4769	4.878	PASS
16QAM	LCH	25	0	4.4758	4.859	PASS
	HCH	25	0	4.4700	4.779	PASS

Channel Bandwidth: 10 MHz

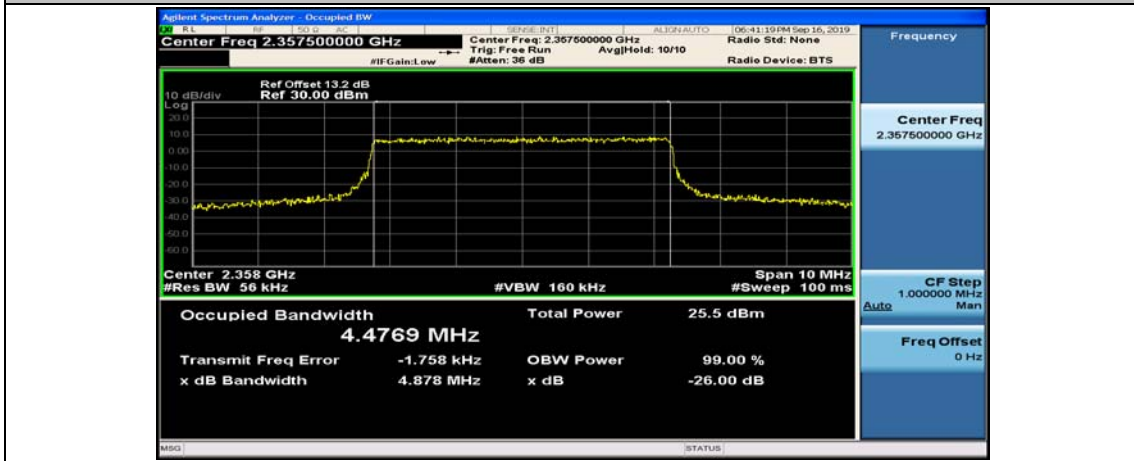
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	MCH	50	0	8.9361	9.498	PASS
16QAM	MCH	50	0	8.9345	9.462	PASS

Test Graphs

Channel Bandwidth: 5 MHz



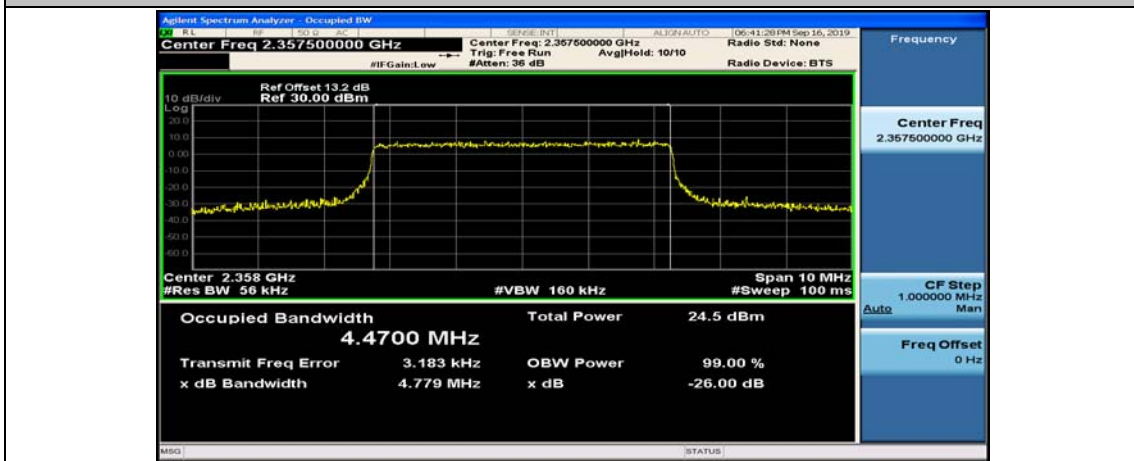
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



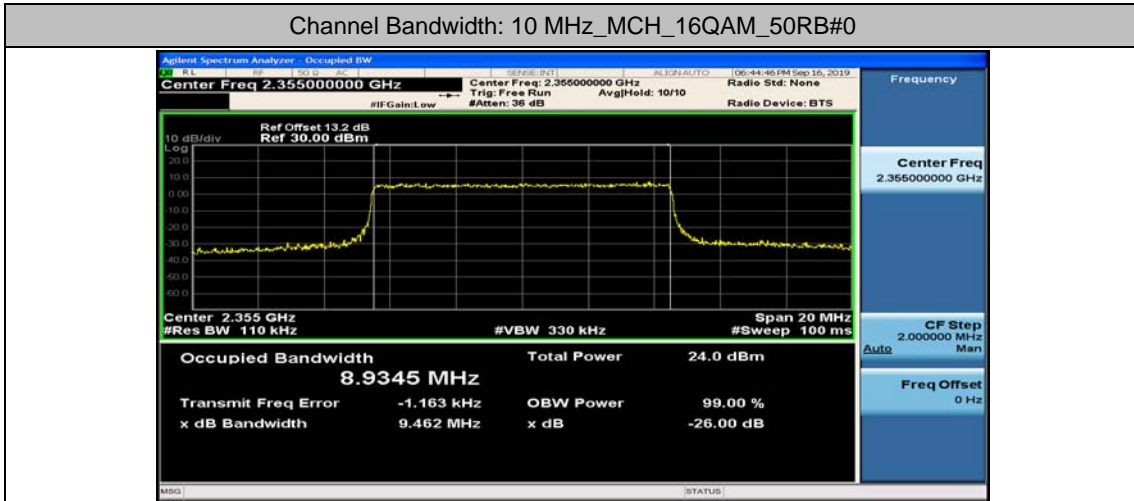
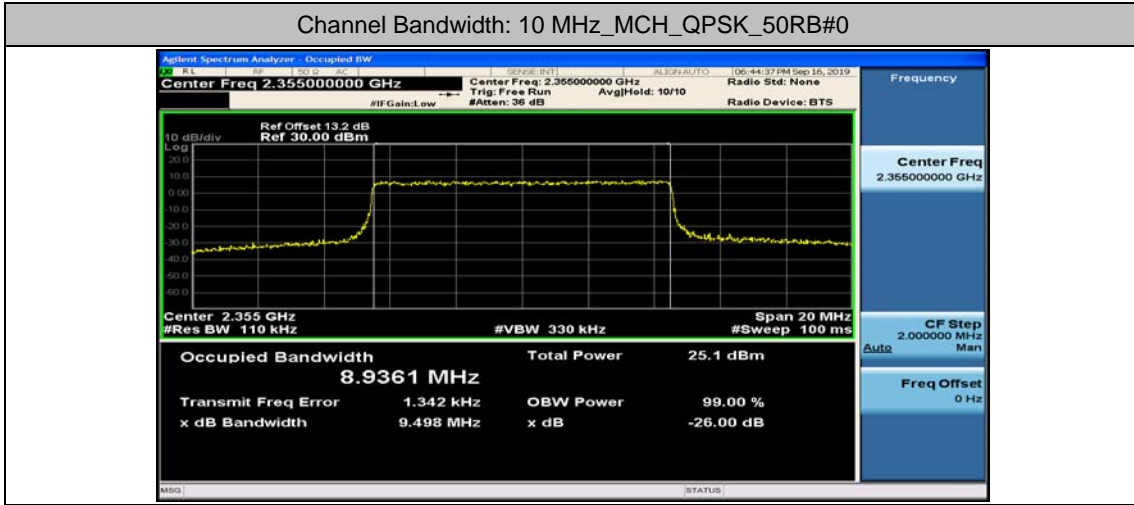
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz

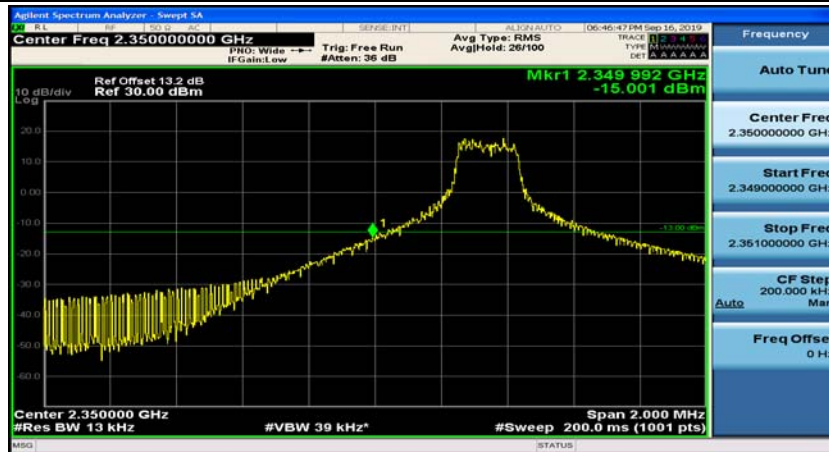


Appendix D: Band Edge

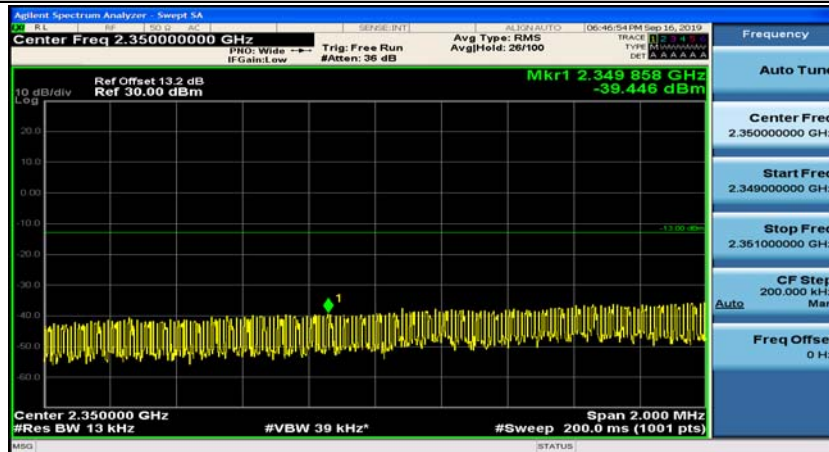
Test Graphs

Channel Bandwidth: 5 MHz

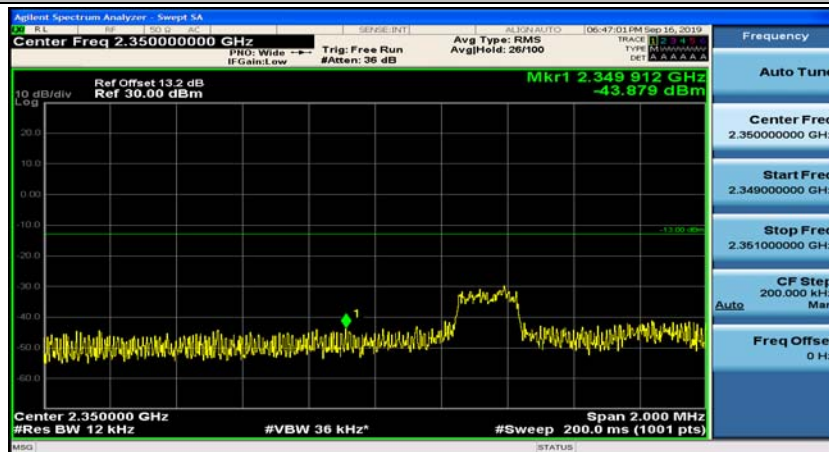
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



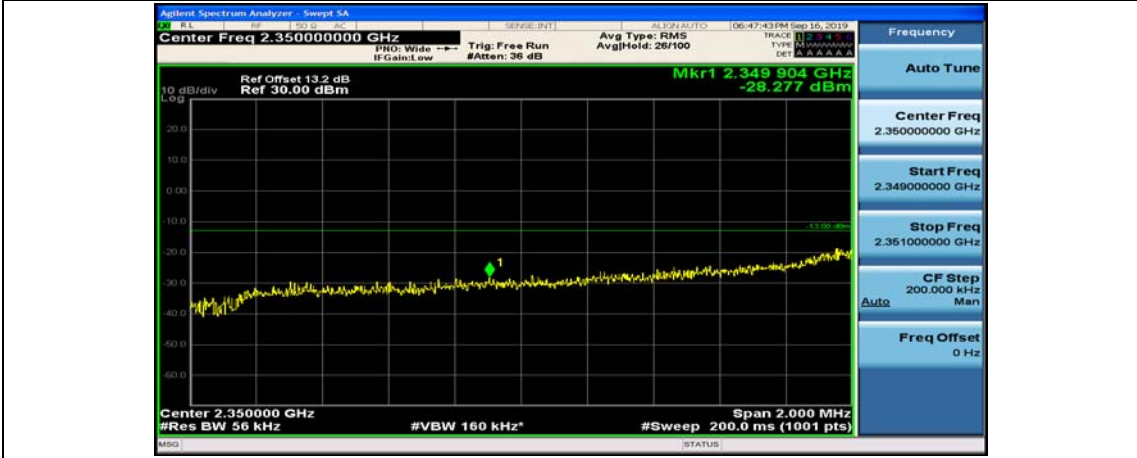
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



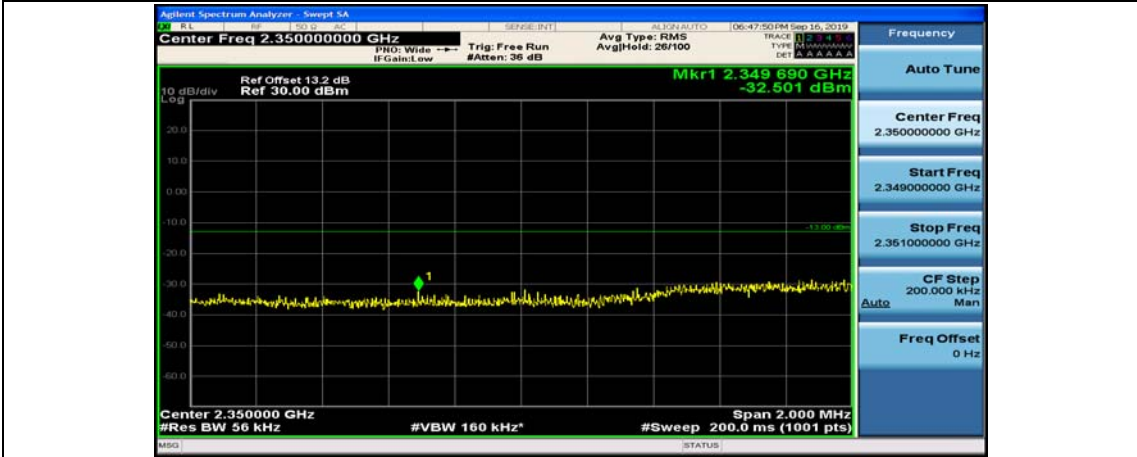
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



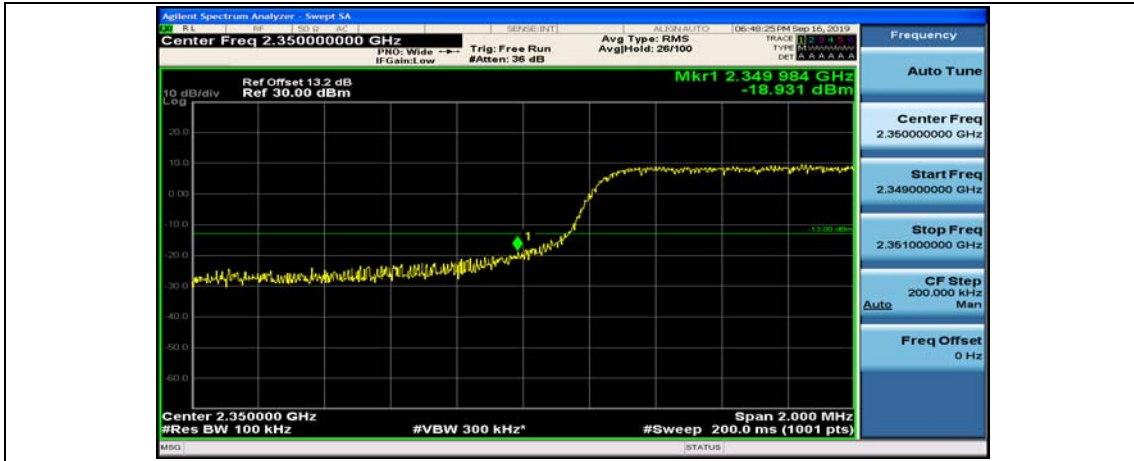
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



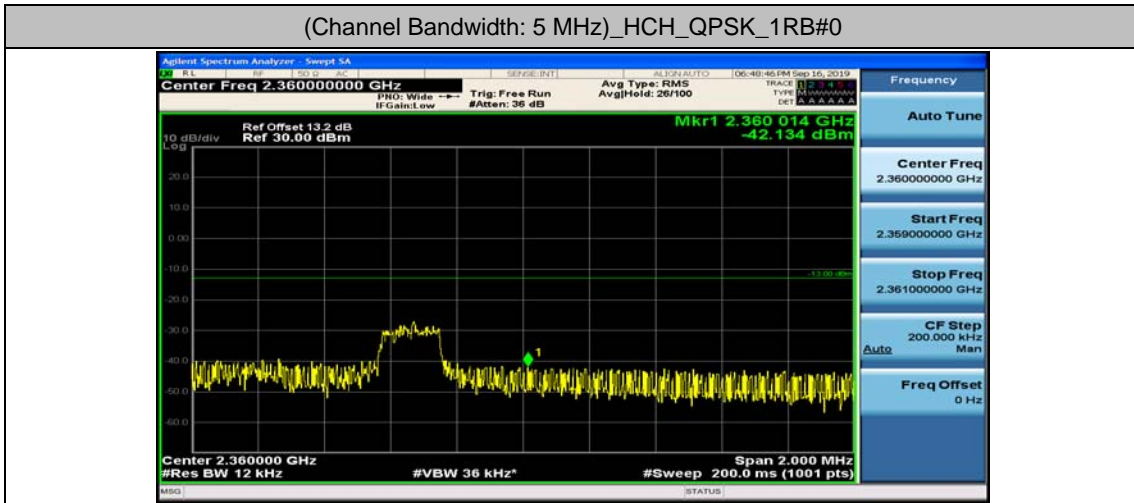
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



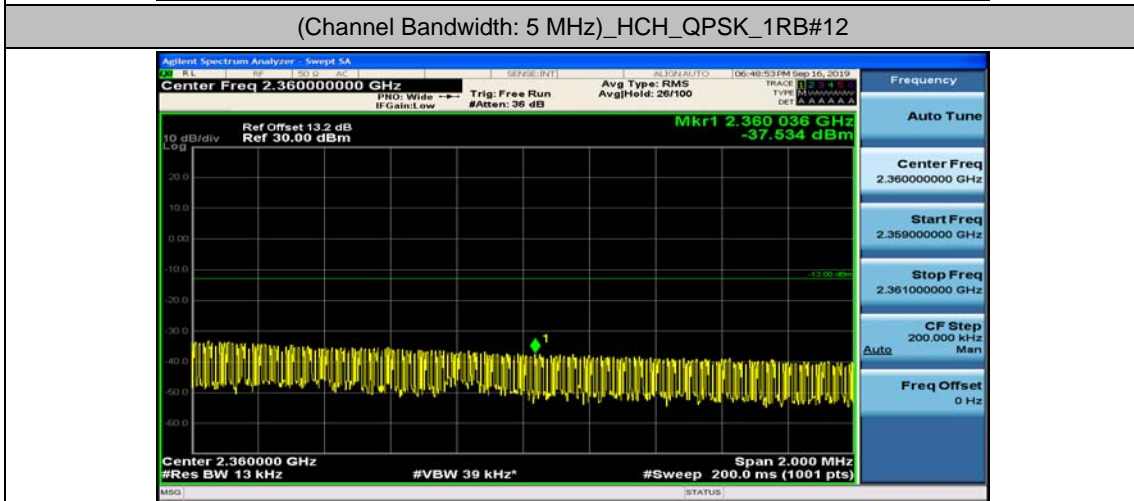
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



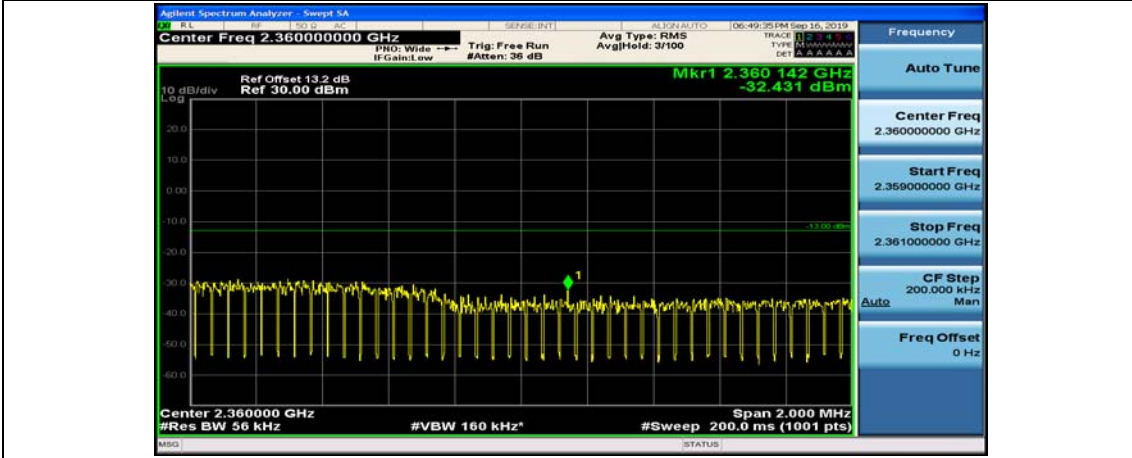
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



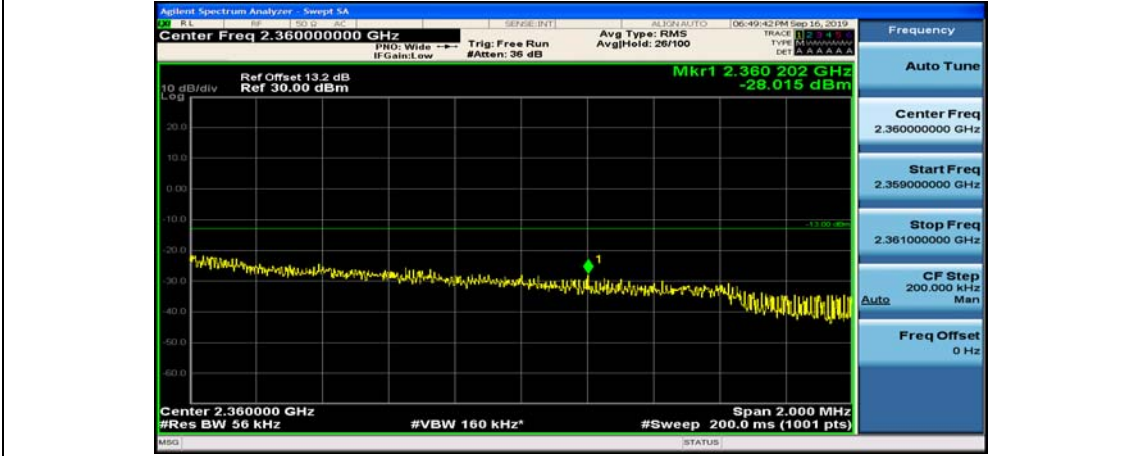
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



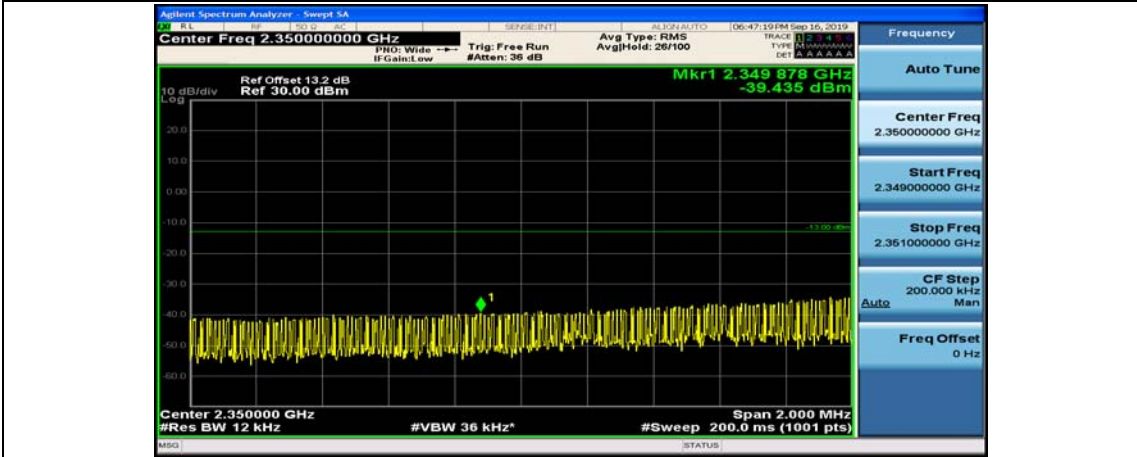
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



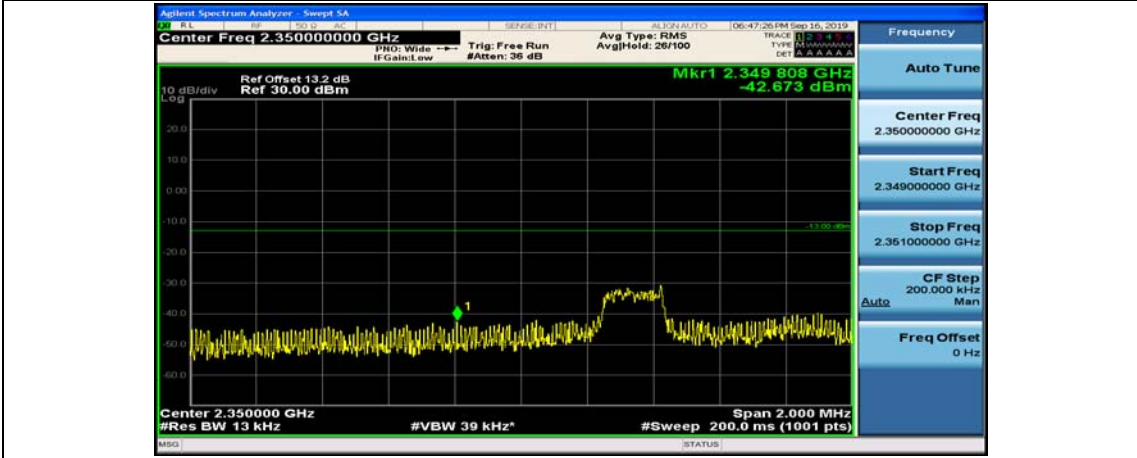
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



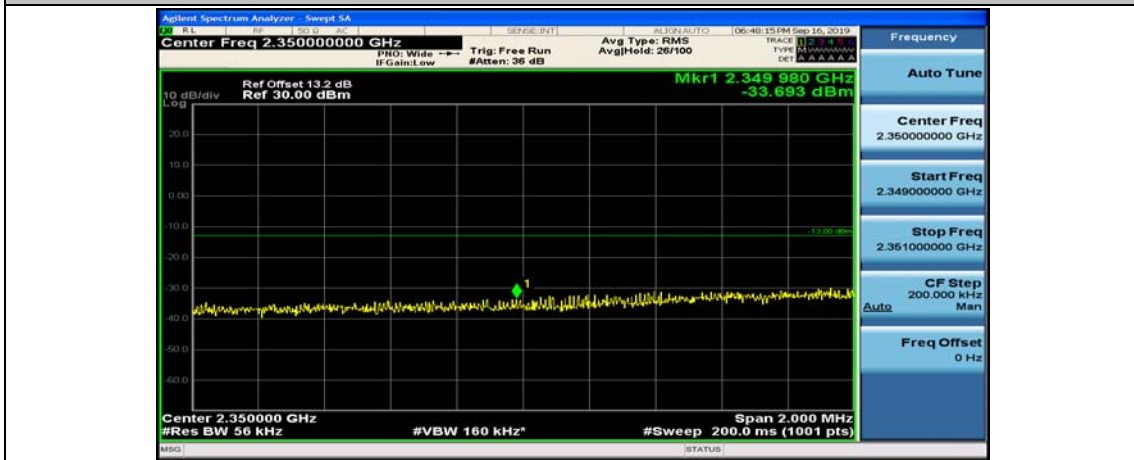
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



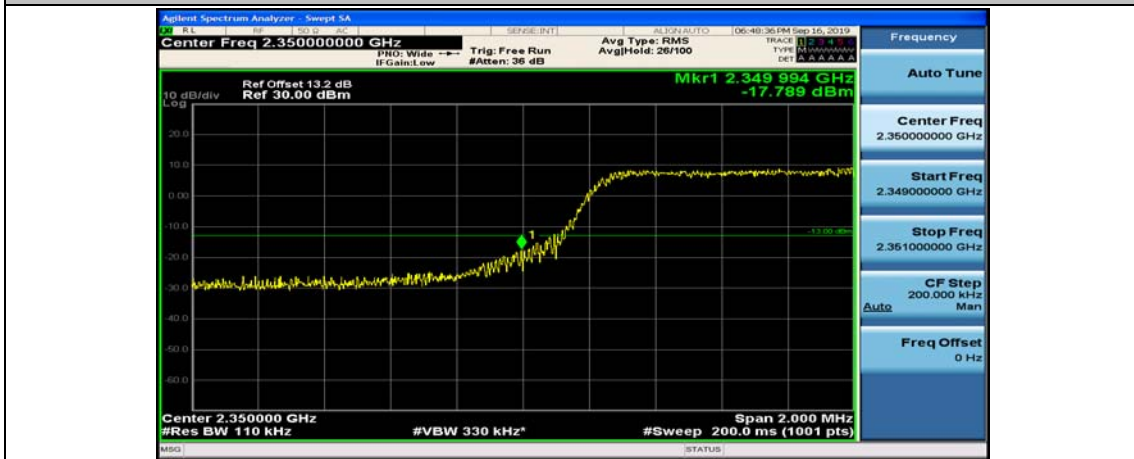
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



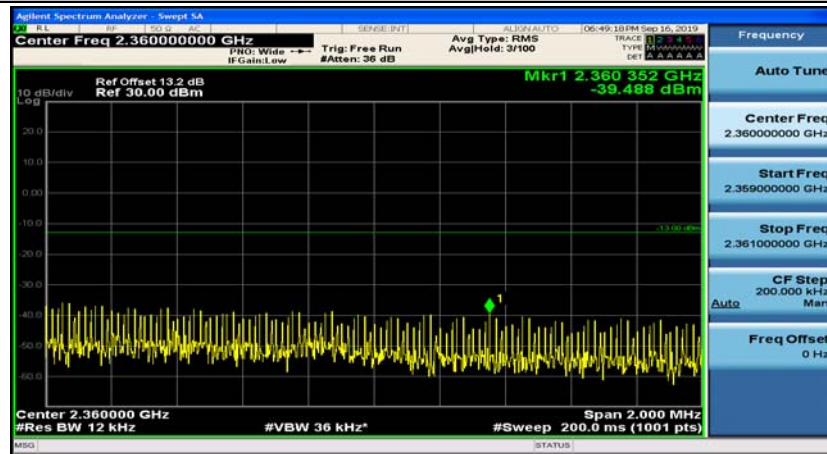
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



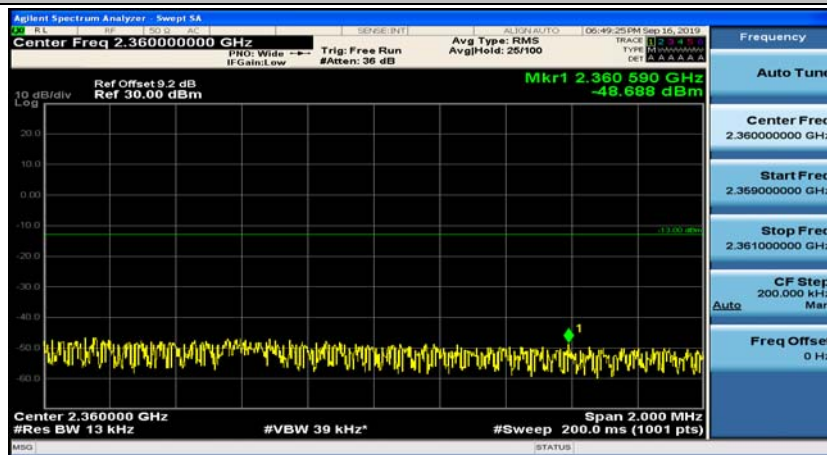
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



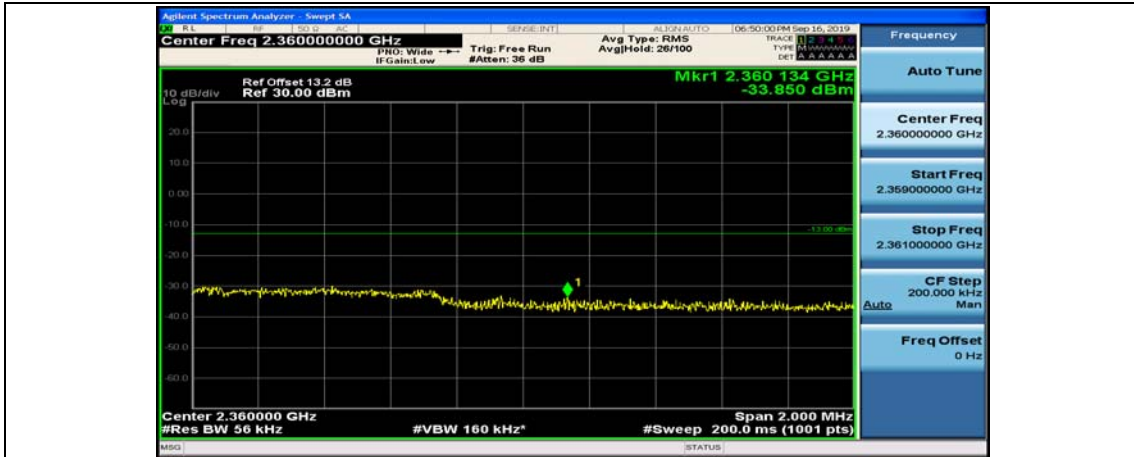
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



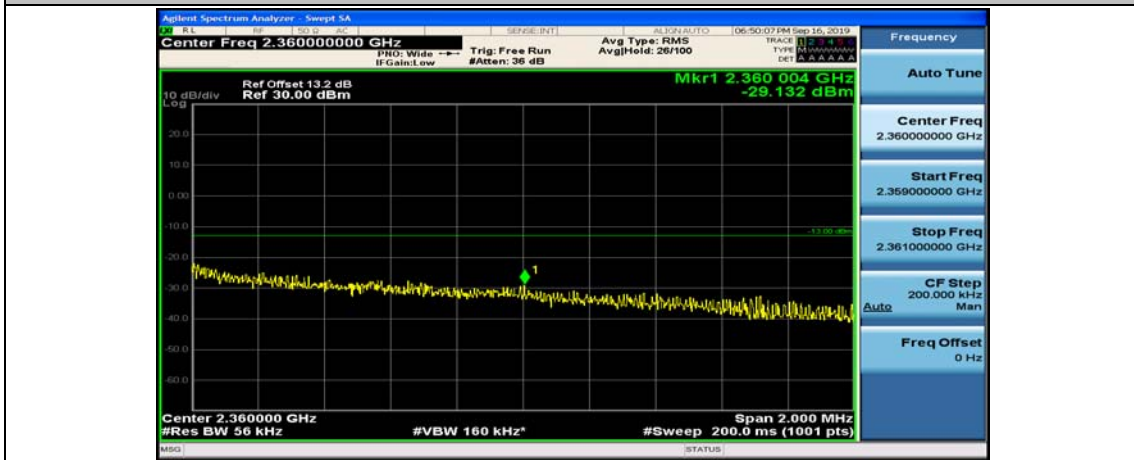
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



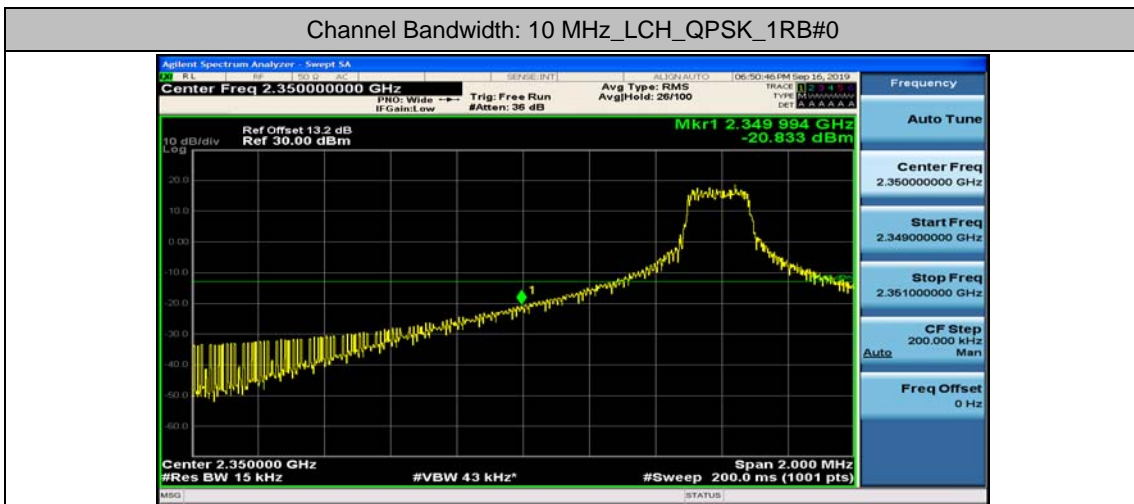
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13



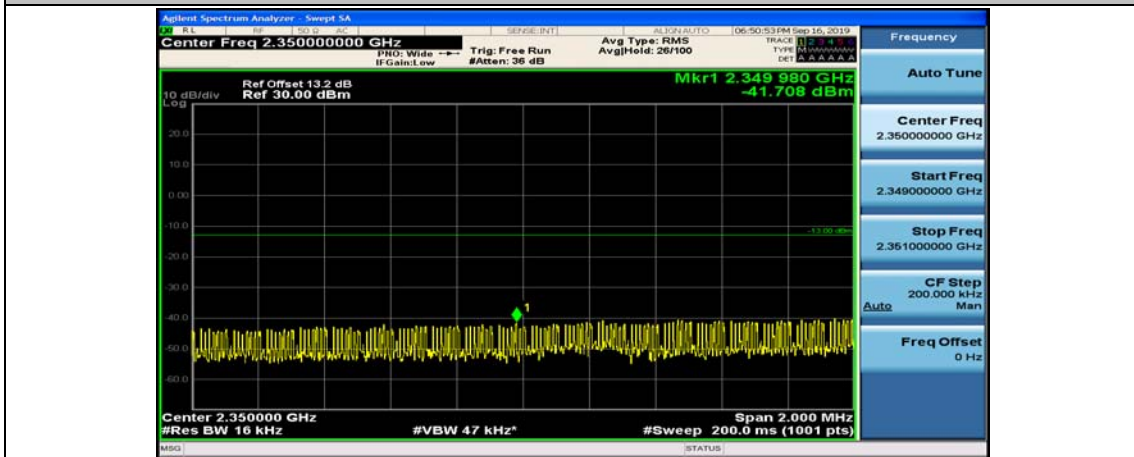
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



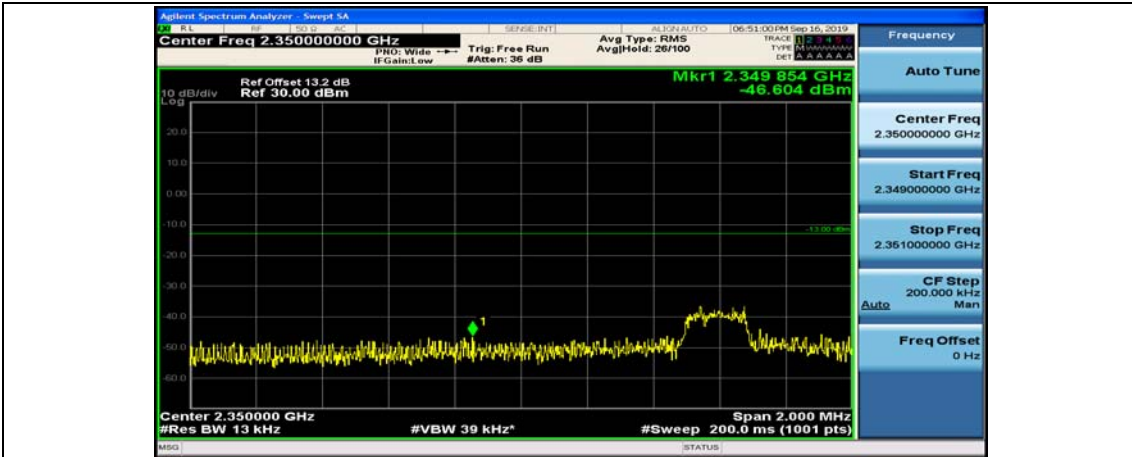
Channel Bandwidth: 10 MHz



Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24



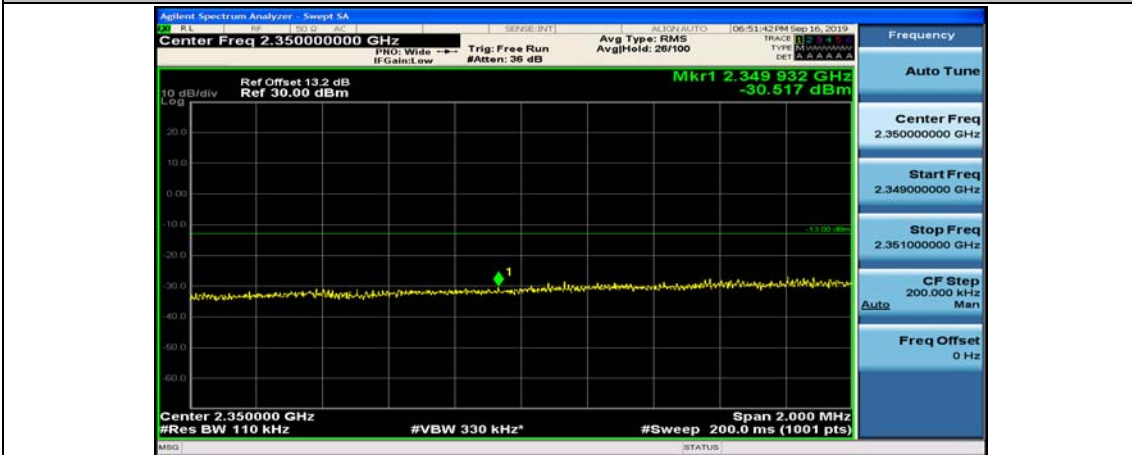
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49



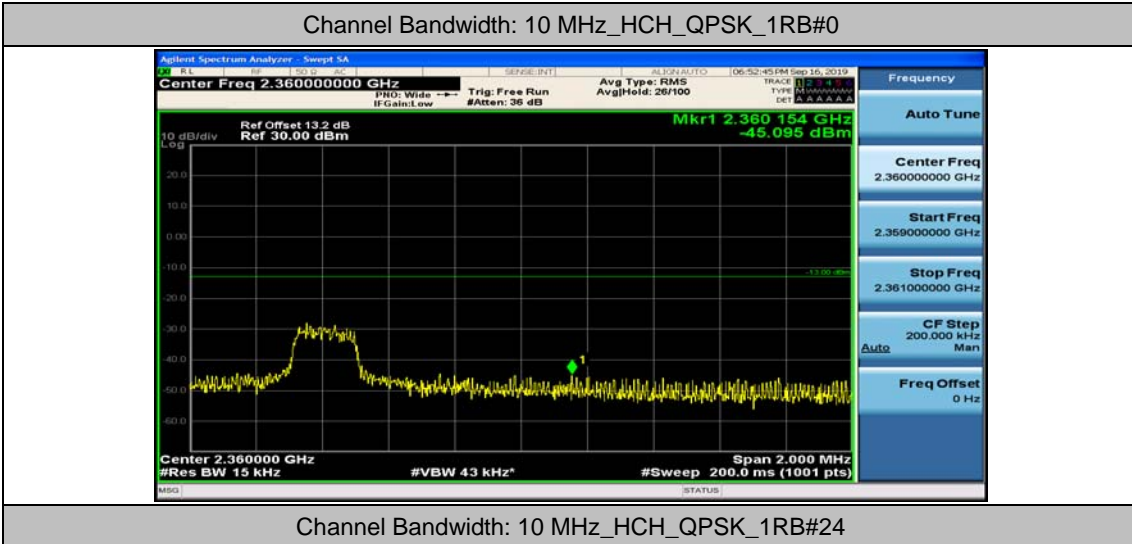
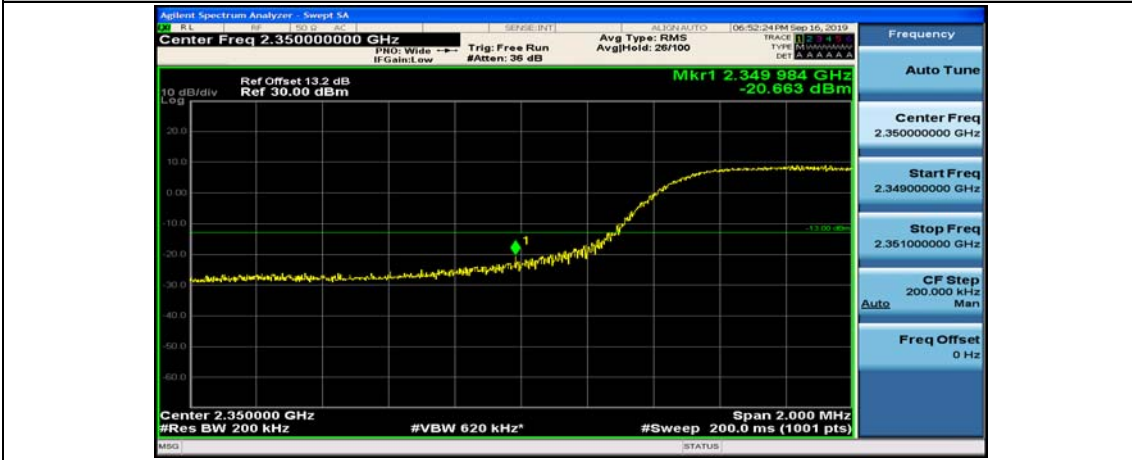
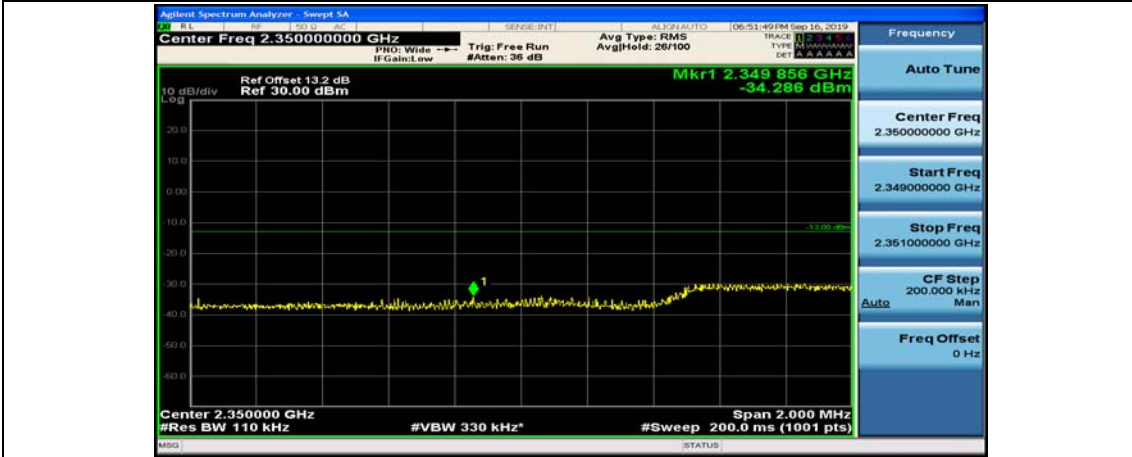
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#0

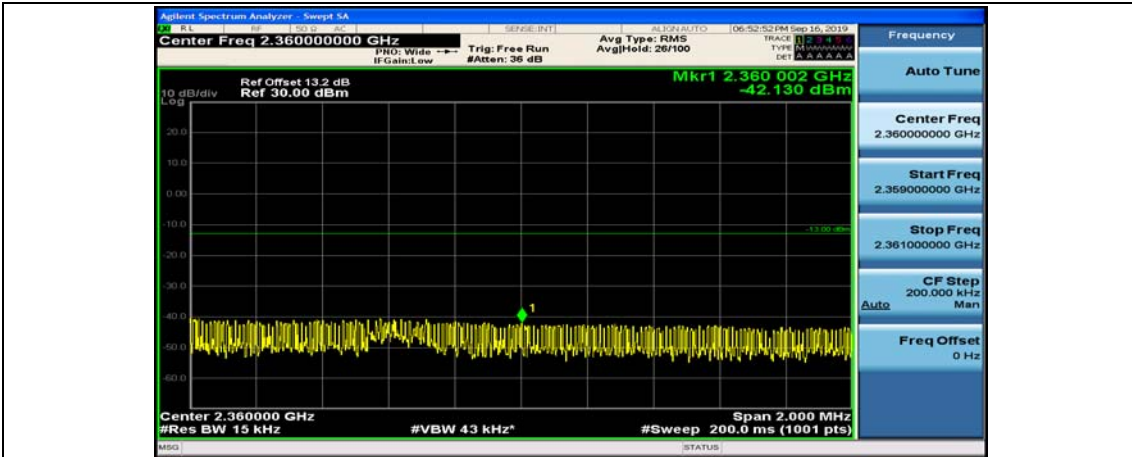


Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12

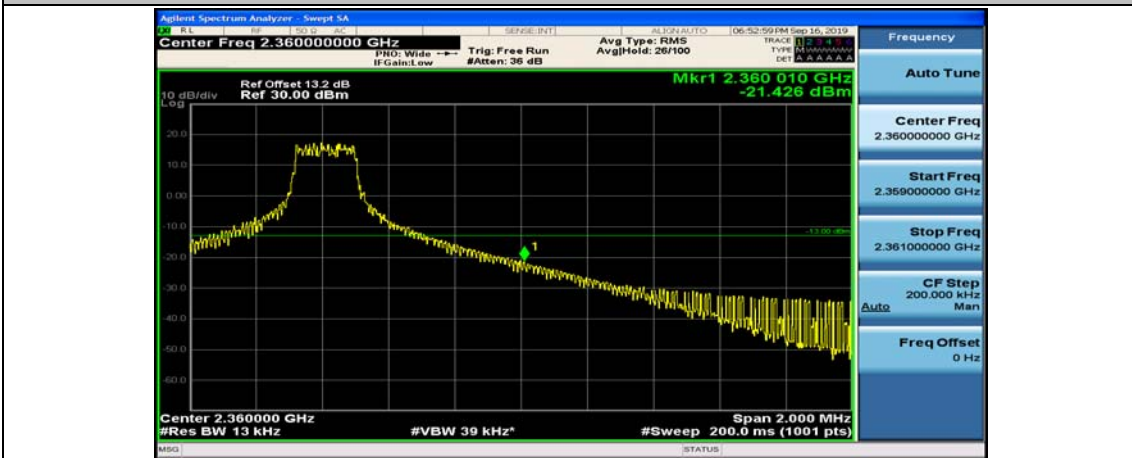


Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25

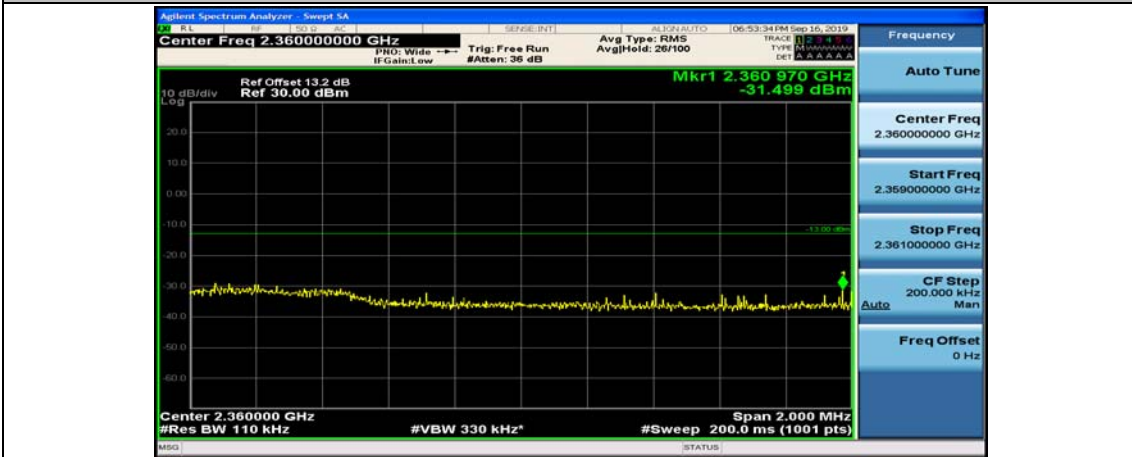




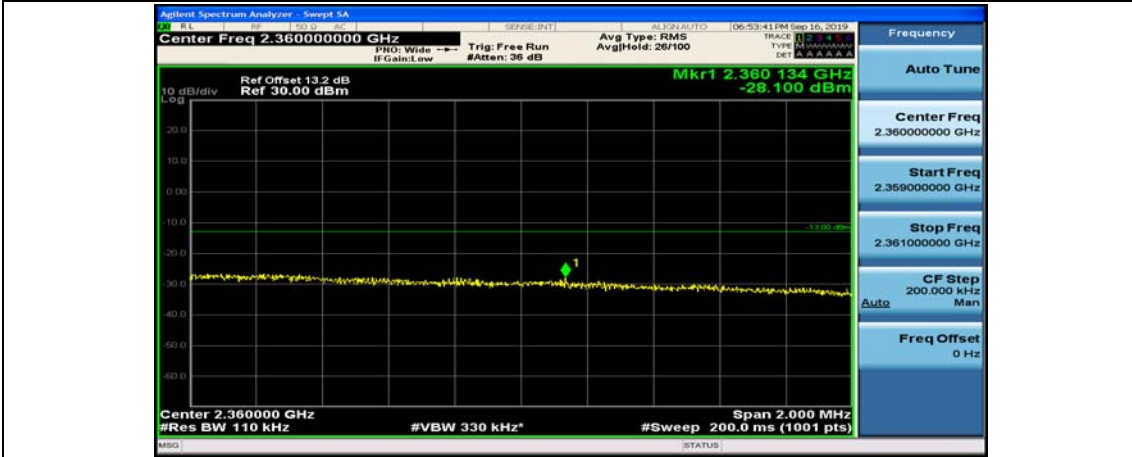
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25



Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



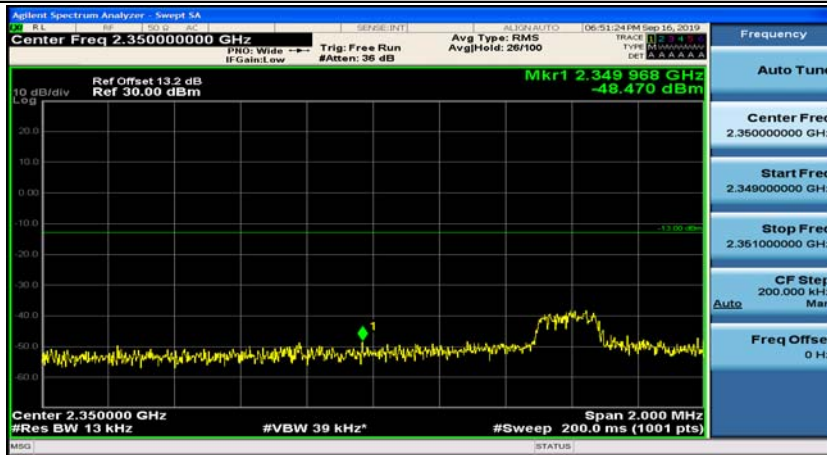
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



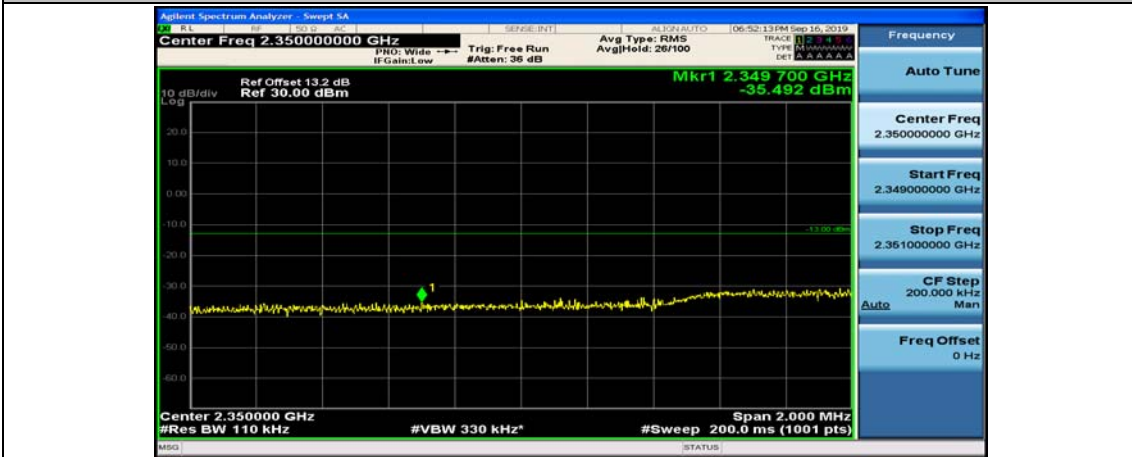
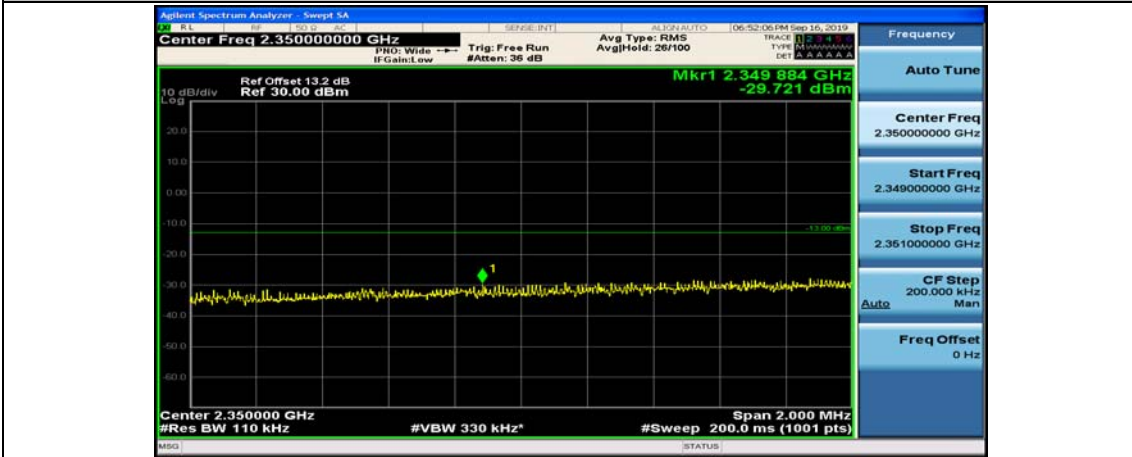
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49

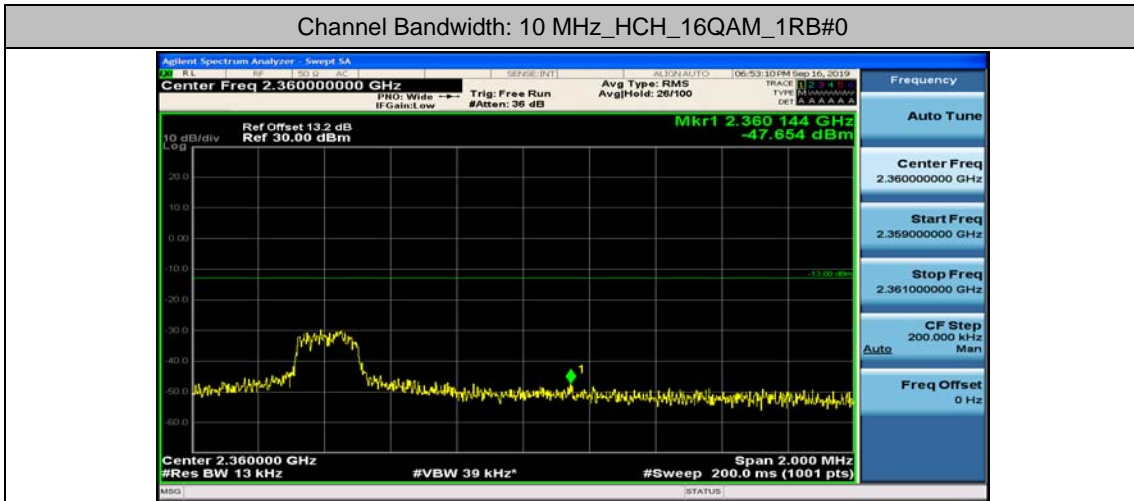


Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0

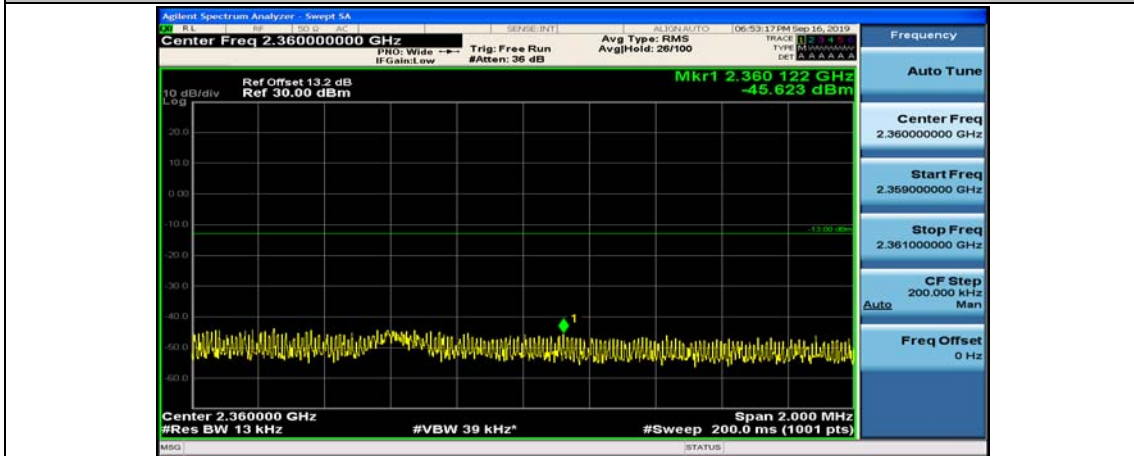




Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



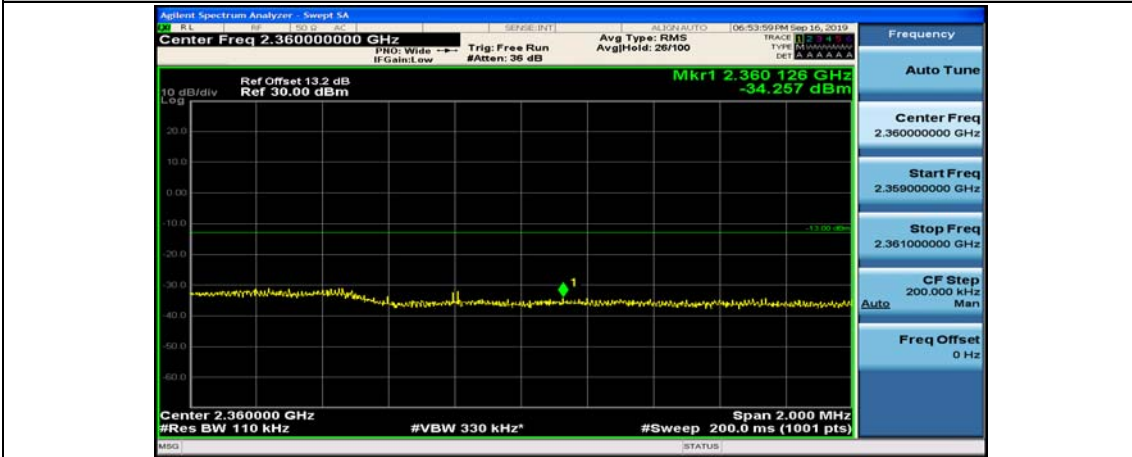
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



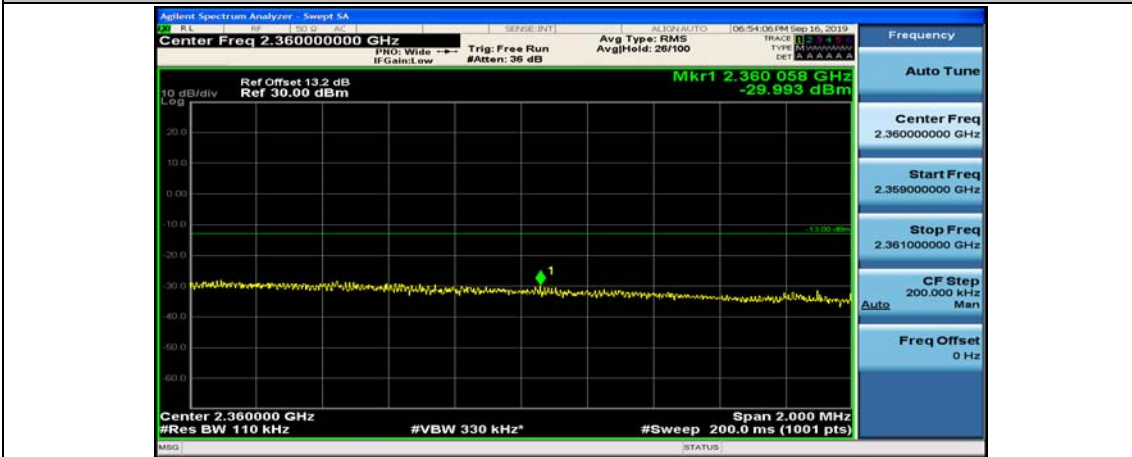
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#25