

Appendix D.1: Effective (Isotropic) Radiated Power Output

Data

Test Result

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.49	/	PASS
		1	12	22.76	/	PASS
		1	24	22.48	/	PASS
		12	0	22.00	/	PASS
		12	6	21.92	/	PASS
		12	13	21.77	/	PASS
		25	0	21.81	/	PASS
	MCH	1	0	22.71	/	PASS
		1	12	22.58	/	PASS
		1	24	22.19	/	PASS
		12	0	22.56	/	PASS
		12	6	22.46	/	PASS
		12	13	22.34	/	PASS
		25	0	22.43	/	PASS
	HCH	1	0	21.80	/	PASS
		1	12	22.18	/	PASS
		1	24	22.12	/	PASS
		12	0	21.27	/	PASS
		12	6	21.24	/	PASS
		12	13	21.23	/	PASS
		25	0	21.27	/	PASS
16QAM	LCH	1	0	22.34	/	PASS
		1	12	22.21	/	PASS
		1	24	21.82	/	PASS
		12	0	21.54	/	PASS
		12	6	21.57	/	PASS
		12	13	21.90	/	PASS
		25	0	21.84	/	PASS
	MCH	1	0	21.61	/	PASS
		1	12	21.48	/	PASS
		1	24	21.21	/	PASS

		12	0	21.61	/	PASS
		12	6	21.50	/	PASS
		12	13	21.44	/	PASS
		25	0	21.58	/	PASS
	HCH	1	0	21.35	/	PASS
		1	12	21.37	/	PASS
		1	24	21.29	/	PASS
		12	0	21.34	/	PASS
		12	6	21.30	/	PASS
		12	13	21.29	/	PASS
		25	0	21.27	/	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.84	/	PASS
		1	24	22.45	/	PASS
		1	49	22.03	/	PASS
		25	0	21.76	/	PASS
		25	12	21.54	/	PASS
		25	25	21.93	/	PASS
		50	0	21.91	/	PASS
	MCH	1	0	22.77	/	PASS
		1	24	22.38	/	PASS
		1	49	22.03	/	PASS
		25	0	21.95	/	PASS
		25	12	21.81	/	PASS
		25	25	21.81	/	PASS
		50	0	21.86	/	PASS
	HCH	1	0	22.75	/	PASS
		1	24	22.25	/	PASS
		1	49	22.12	/	PASS
		25	0	21.84	/	PASS
		25	12	21.84	/	PASS
		25	25	21.89	/	PASS
		50	0	21.81	/	PASS
16QAM	LCH	1	0	22.12	/	PASS
		1	24	21.69	/	PASS
		1	49	21.34	/	PASS
		25	0	21.76	/	PASS
		25	12	21.56	/	PASS

		25	25	21.37	/	PASS
		50	0	21.54	/	PASS
	MCH	1	0	22.04	/	PASS
		1	24	21.62	/	PASS
		1	49	21.34	/	PASS
		25	0	21.65	/	PASS
		25	12	21.44	/	PASS
		25	25	21.29	/	PASS
		50	0	21.48	/	PASS
		HCH	1	0	22.10	/
	1		24	21.64	/	PASS
	1		49	21.53	/	PASS
	25		0	21.58	/	PASS
	25		12	21.40	/	PASS
	25		25	21.26	/	PASS
	50		0	21.47	/	PASS

Appendix D.2: Peak-to-Average Ratio

Test Result

Channel Bandwidth: 5 MHz

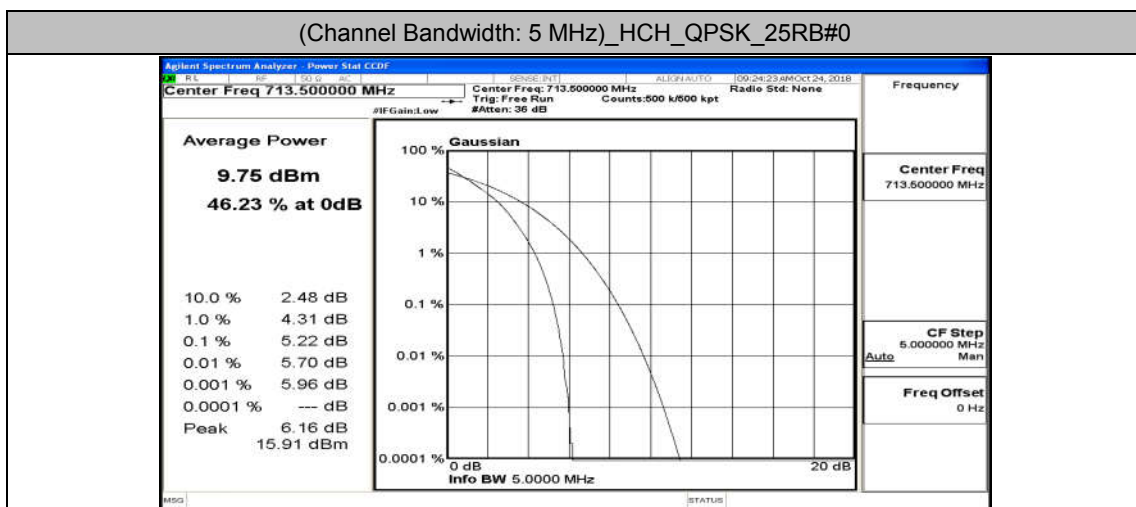
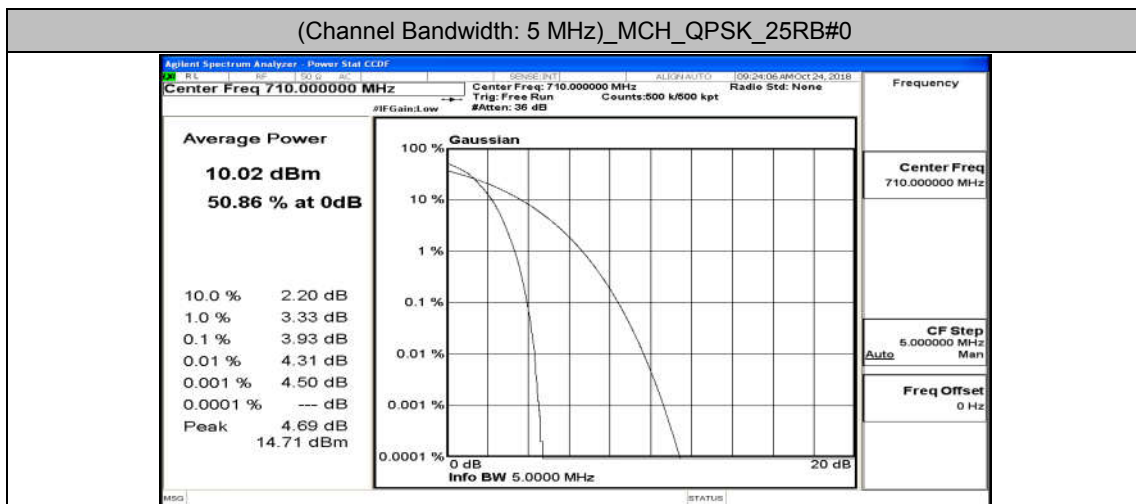
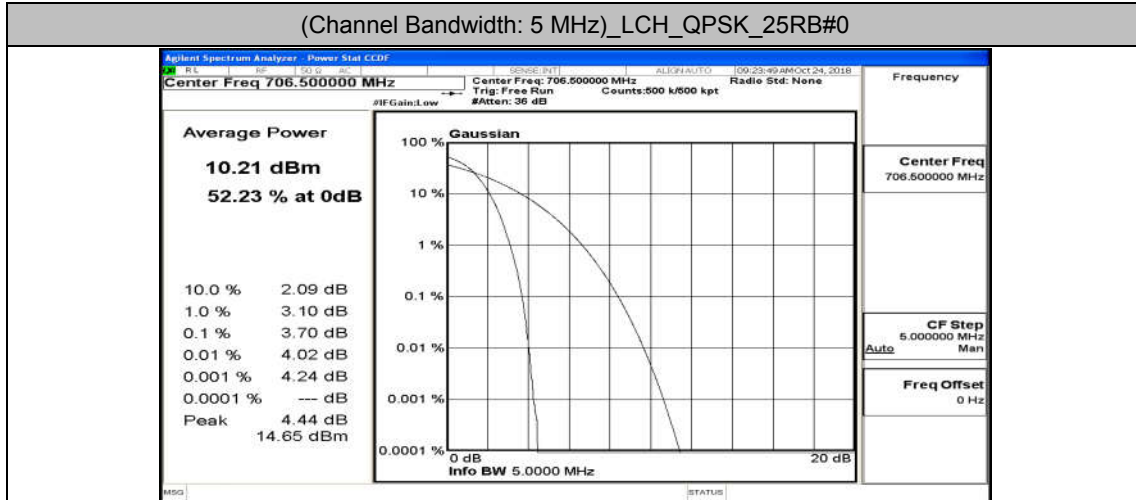
Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	25	0	3.7	<13	PASS
	MCH	25	0	3.93	<13	PASS
	HCH	25	0	5.22	<13	PASS
16QAM	LCH	25	0	4.48	<13	PASS
	MCH	25	0	4.7	<13	PASS
	HCH	25	0	5.96	<13	PASS

Channel Bandwidth: 10 MHz

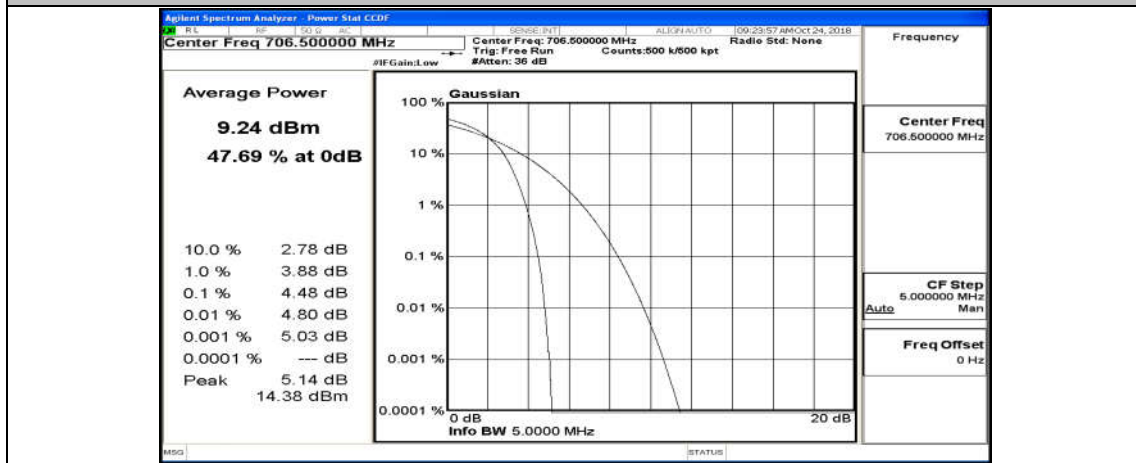
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	50	0	4.04	<13	PASS
	MCH	50	0	4.18	<13	PASS
	HCH	50	0	4.5	<13	PASS
16QAM	LCH	50	0	4.77	<13	PASS
	MCH	50	0	4.88	<13	PASS
	HCH	50	0	5.18	<13	PASS

Test Graphs

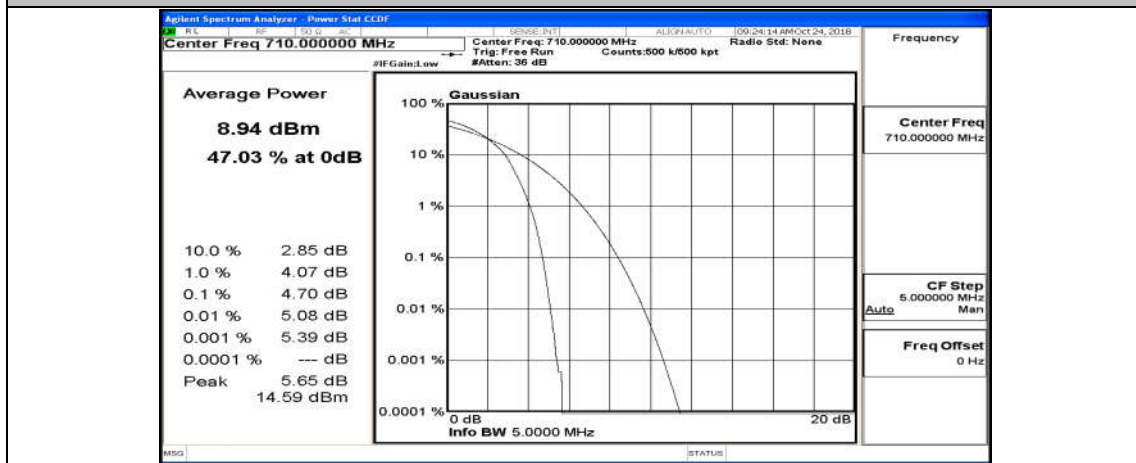
Channel Bandwidth: 5 MHz



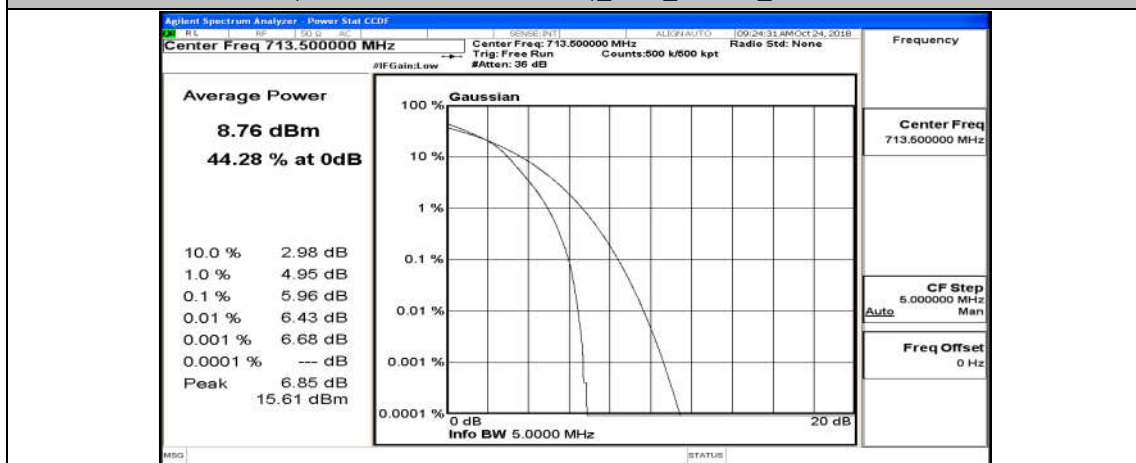
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



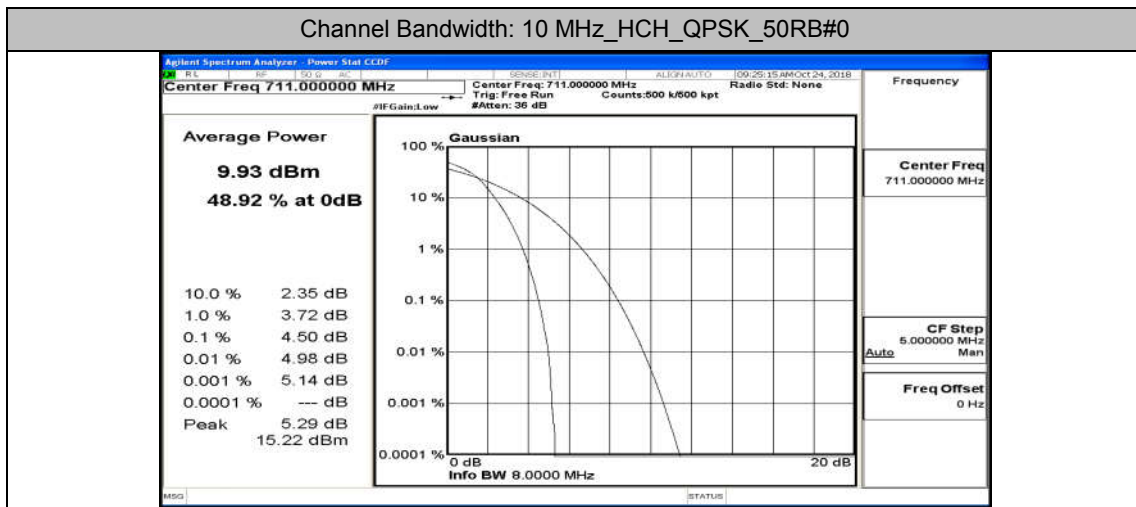
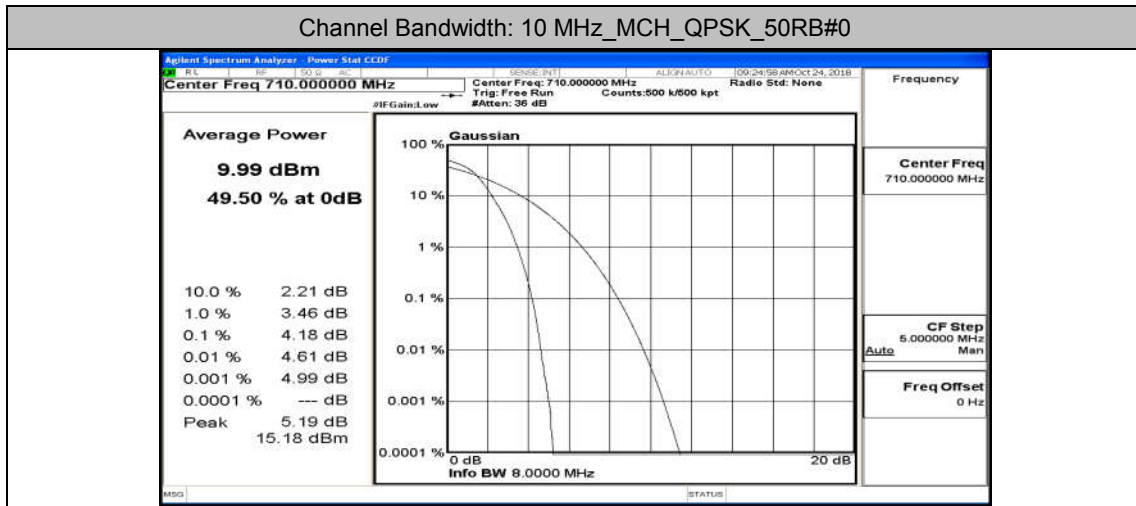
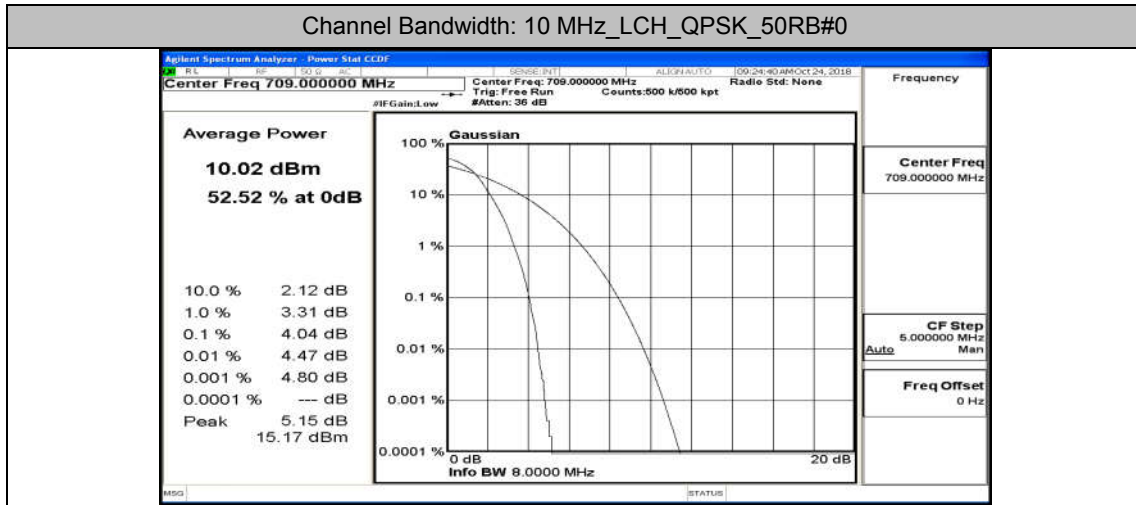
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



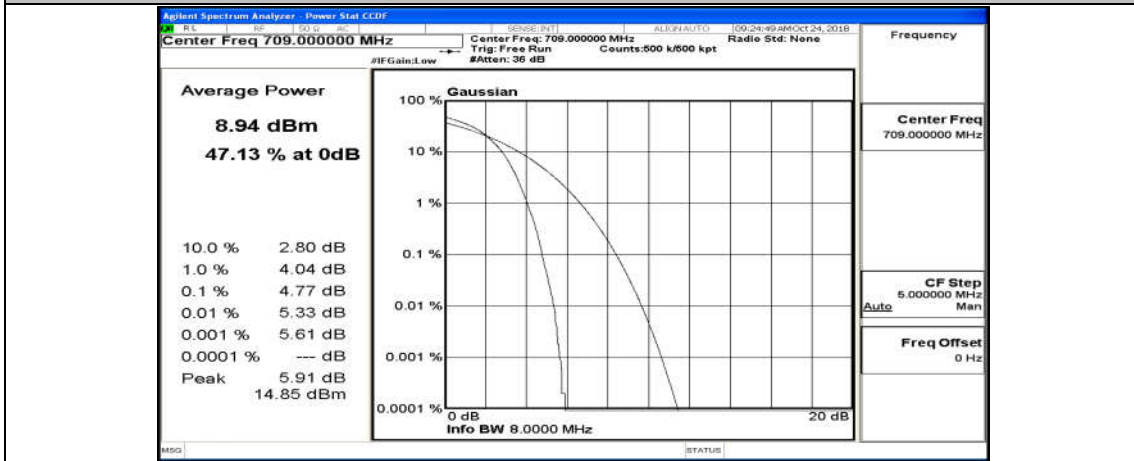
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



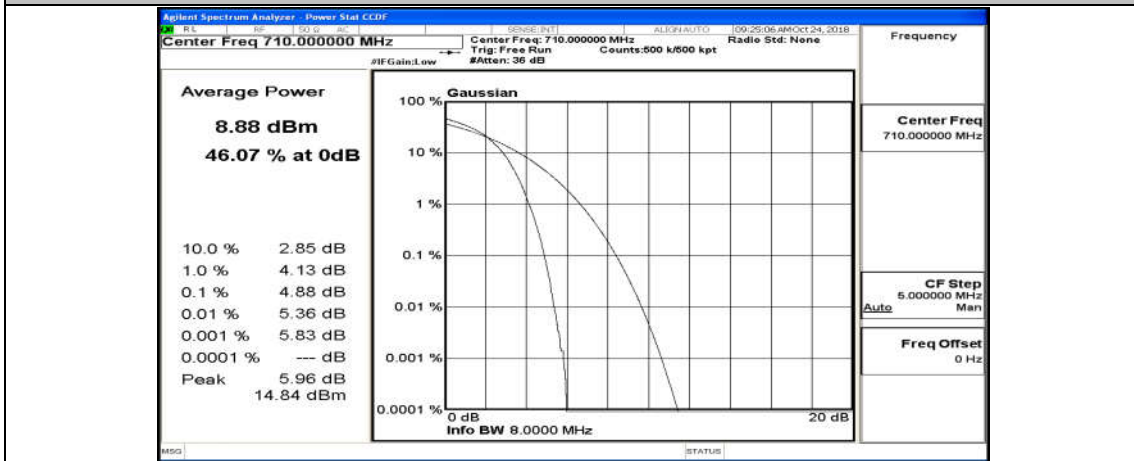
Channel Bandwidth: 10 MHz



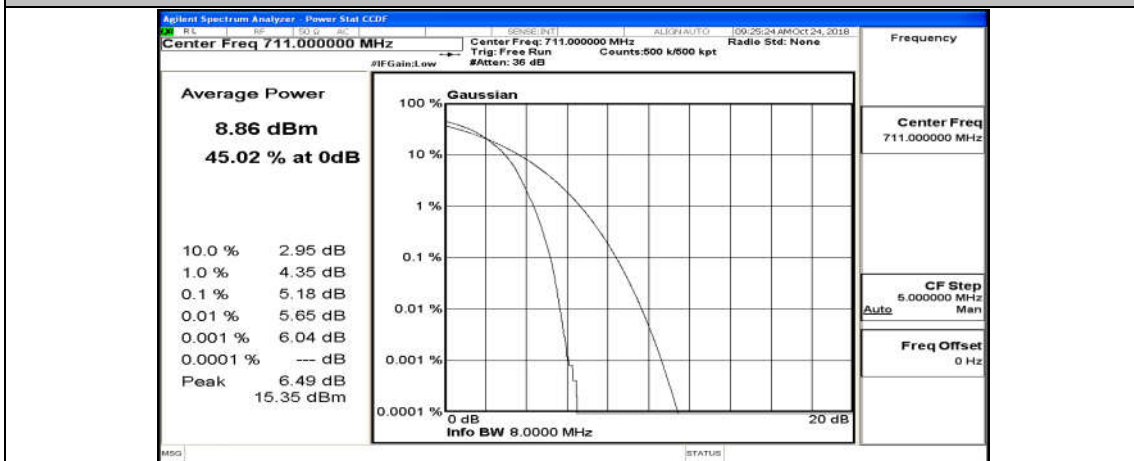
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0



Appendix D.3: 26dB Bandwidth and Occupied Bandwidth

Test Result

Channel Bandwidth: 5 MHz

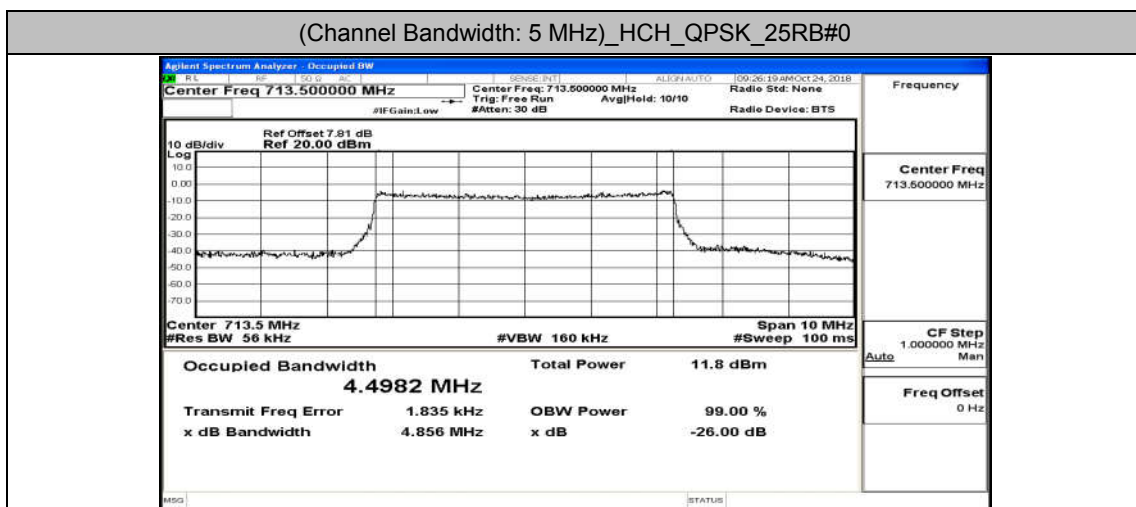
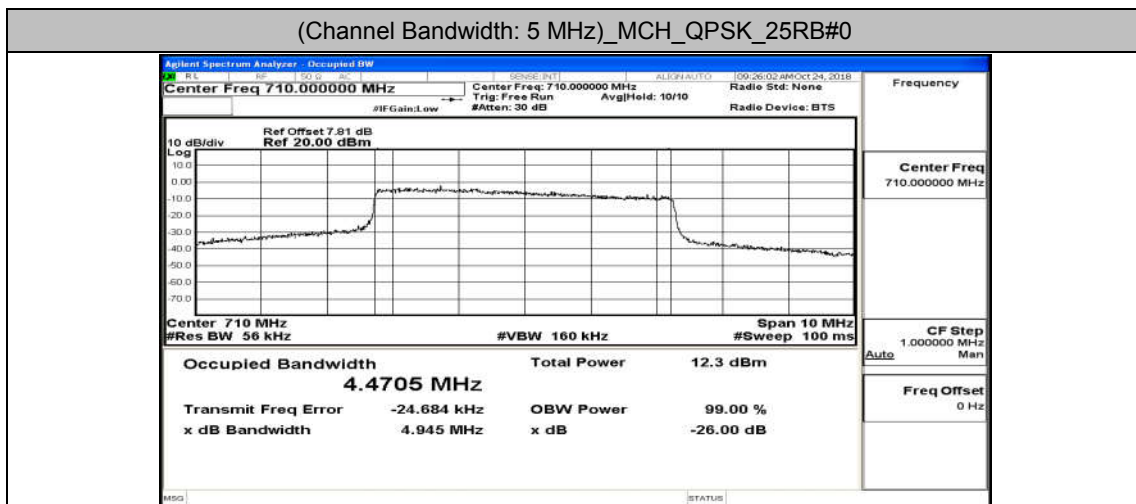
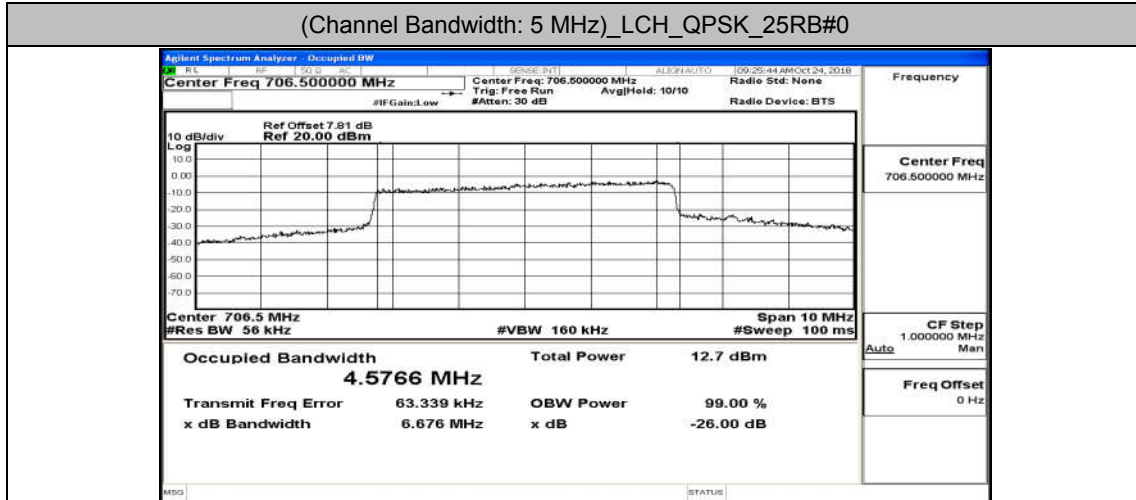
Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	25	0	4.5766	6.676	PASS
	MCH	25	0	4.4705	4.945	PASS
	HCH	25	0	4.4982	4.856	PASS
16QAM	LCH	25	0	4.4877	5.522	PASS
	MCH	25	0	4.4645	4.821	PASS
	HCH	25	0	4.4979	4.841	PASS

Channel Bandwidth: 10 MHz

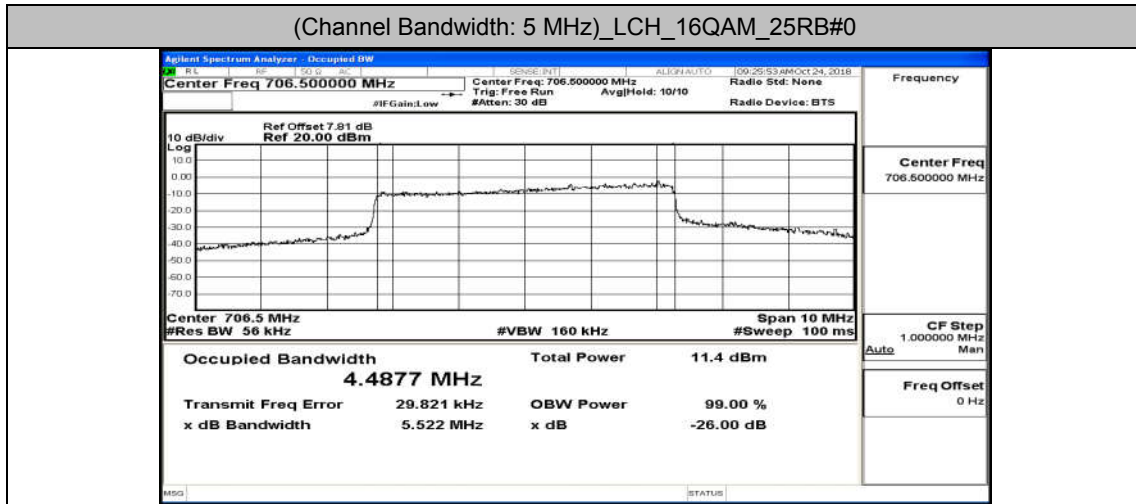
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.8844	9.352	PASS
	MCH	50	0	8.9334	9.515	PASS
	HCH	50	0	8.9646	10.45	PASS
16QAM	LCH	50	0	8.8565	9.310	PASS
	MCH	50	0	8.8771	9.341	PASS
	HCH	50	0	8.9342	9.441	PASS

Test Graphs

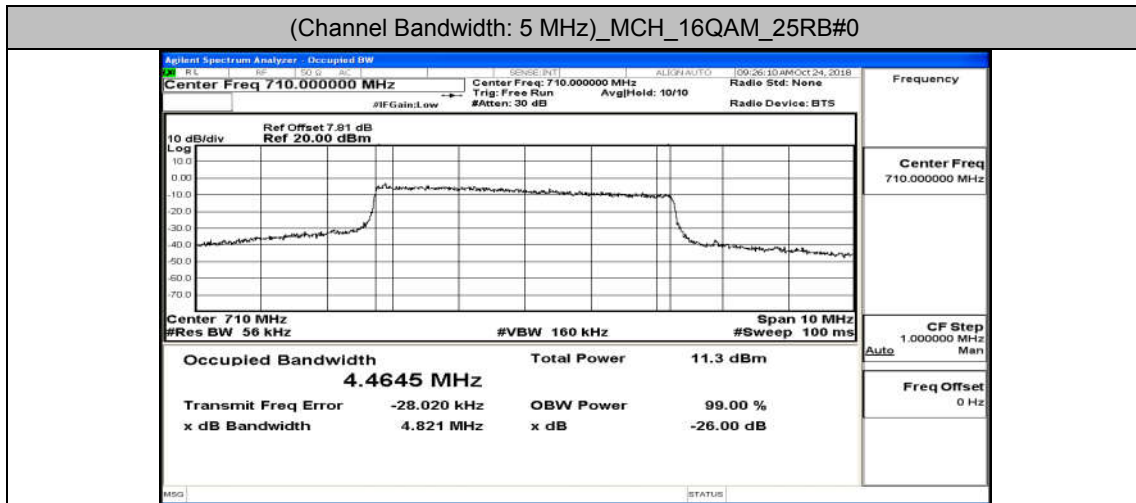
Channel Bandwidth: 5 MHz



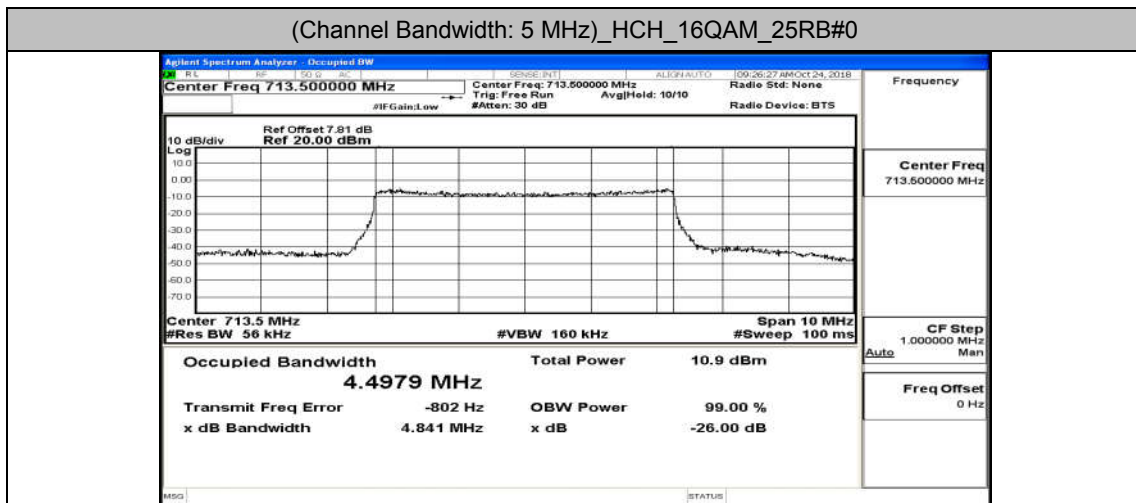
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



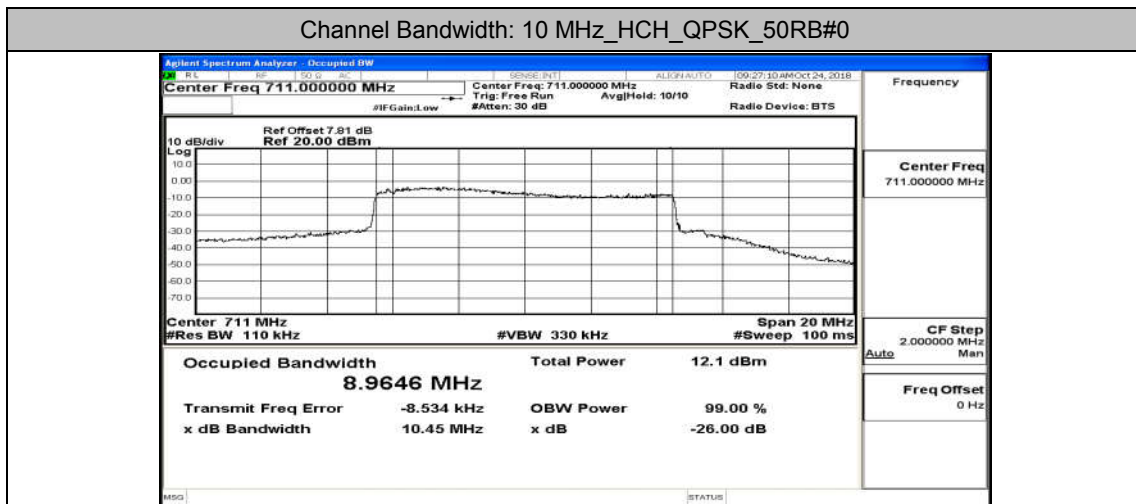
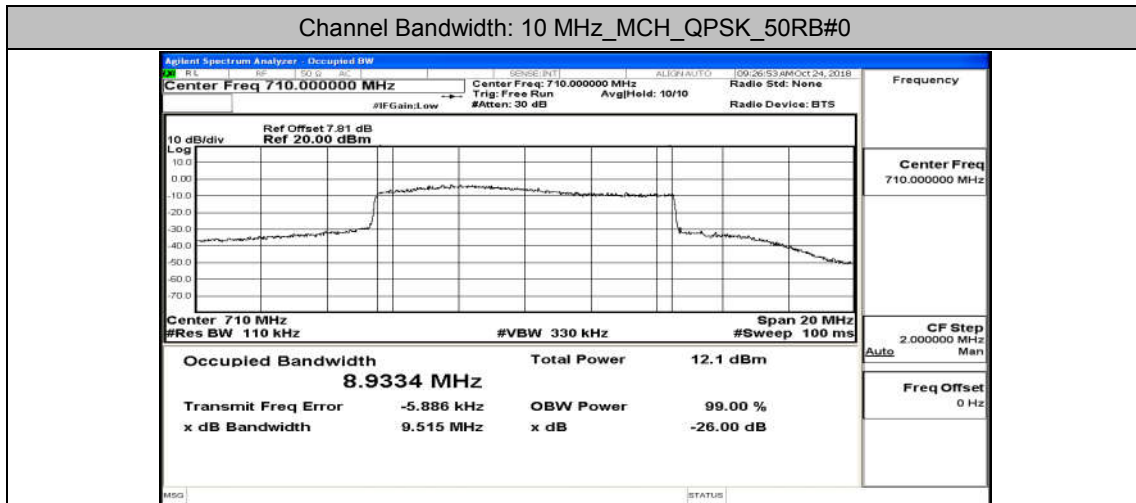
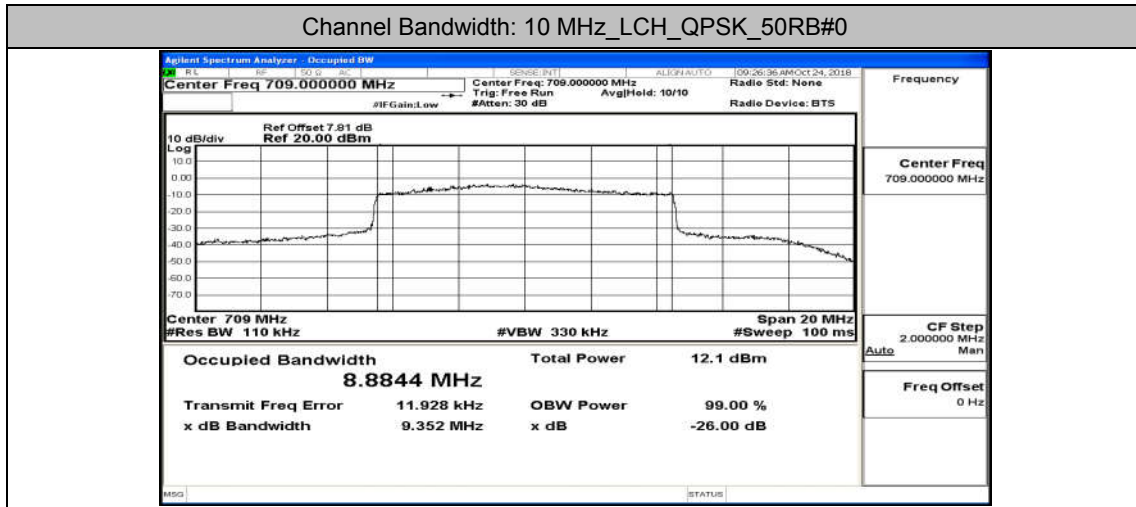
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



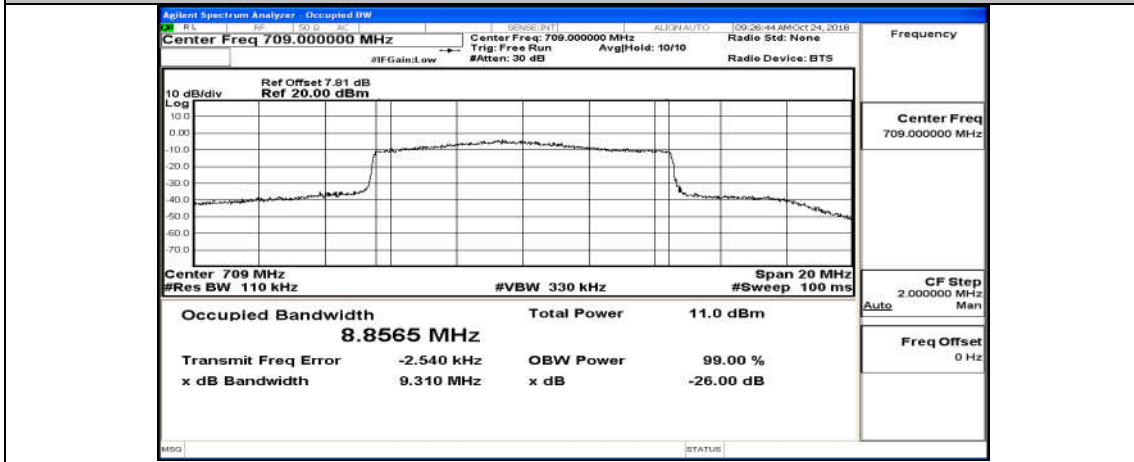
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



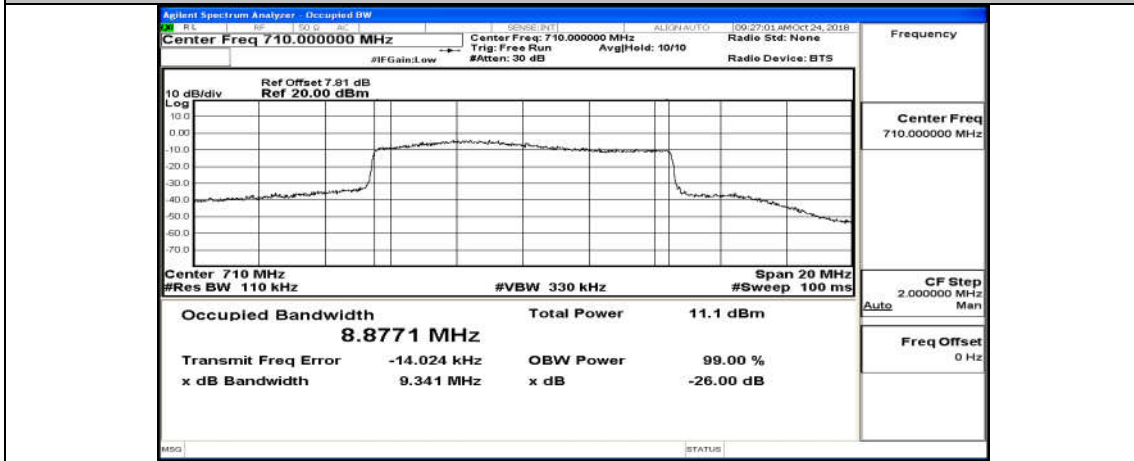
Channel Bandwidth: 10 MHz



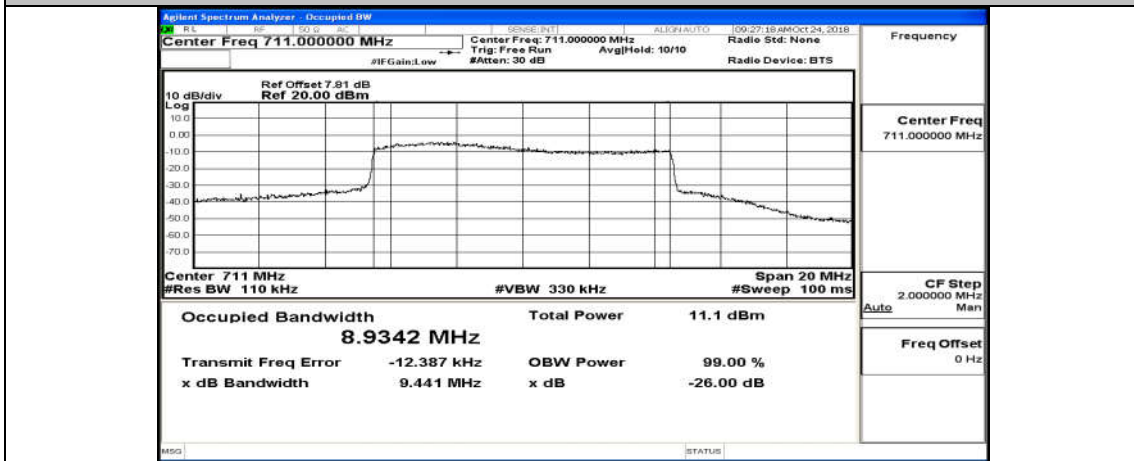
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



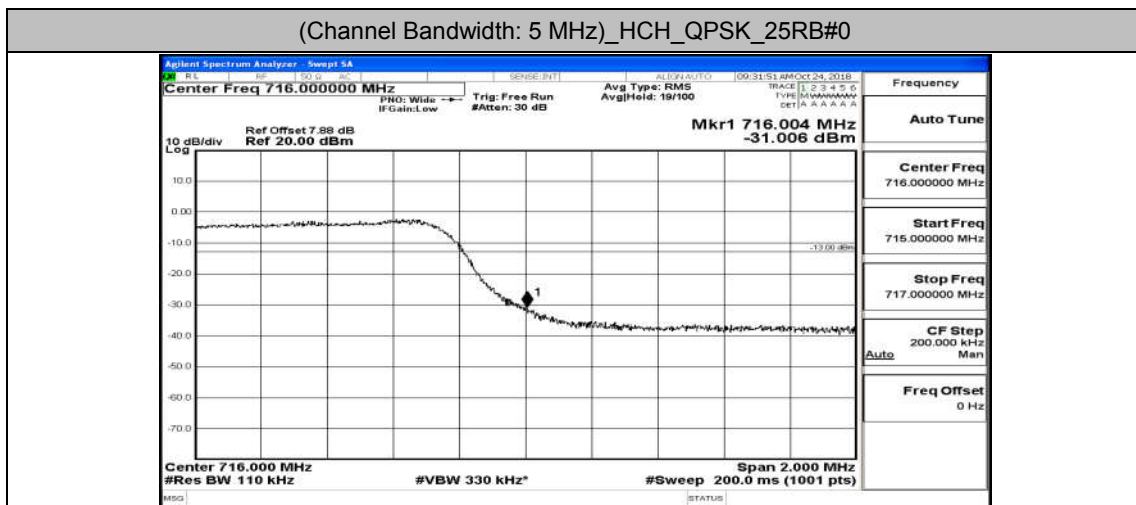
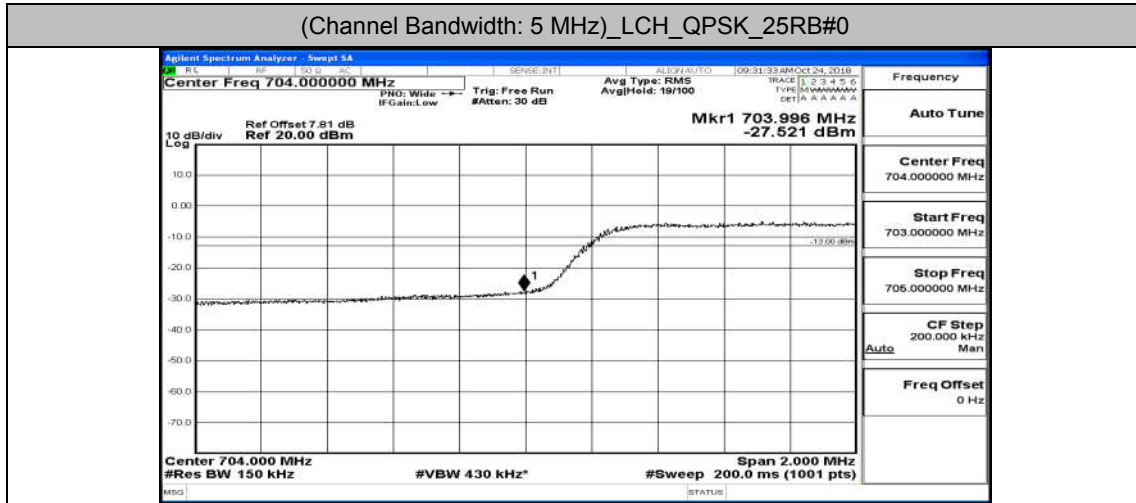
Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0



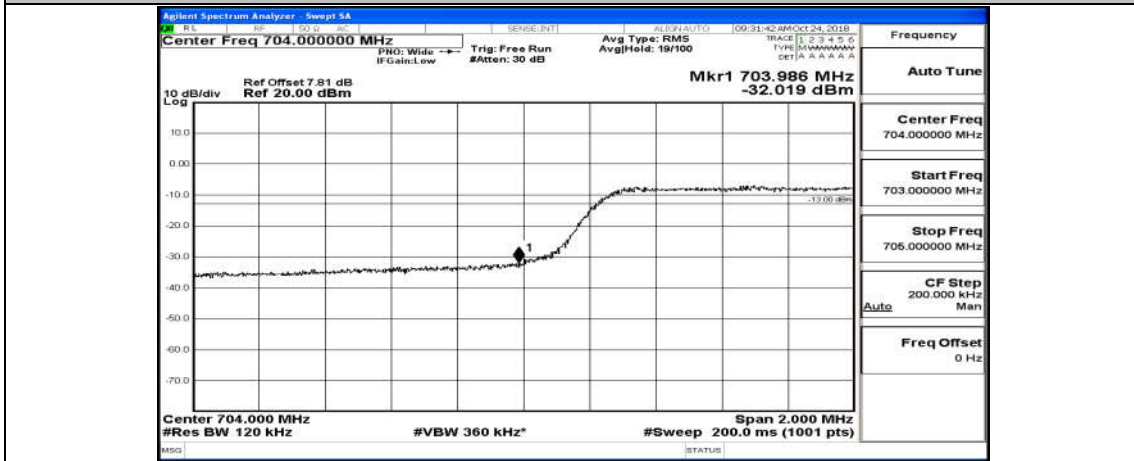
Appendix D.4: Band Edge

Test Graphs

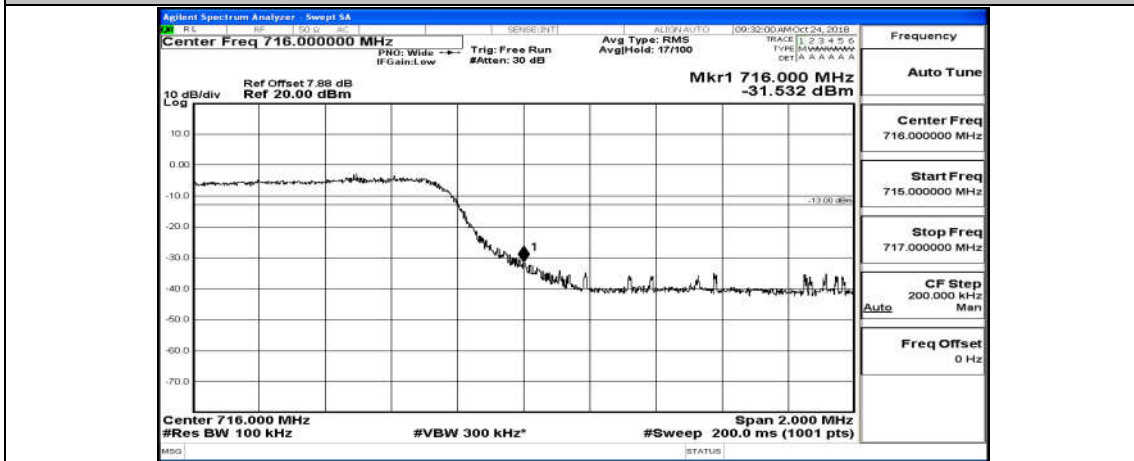
Channel Bandwidth: 5 MHz



(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0

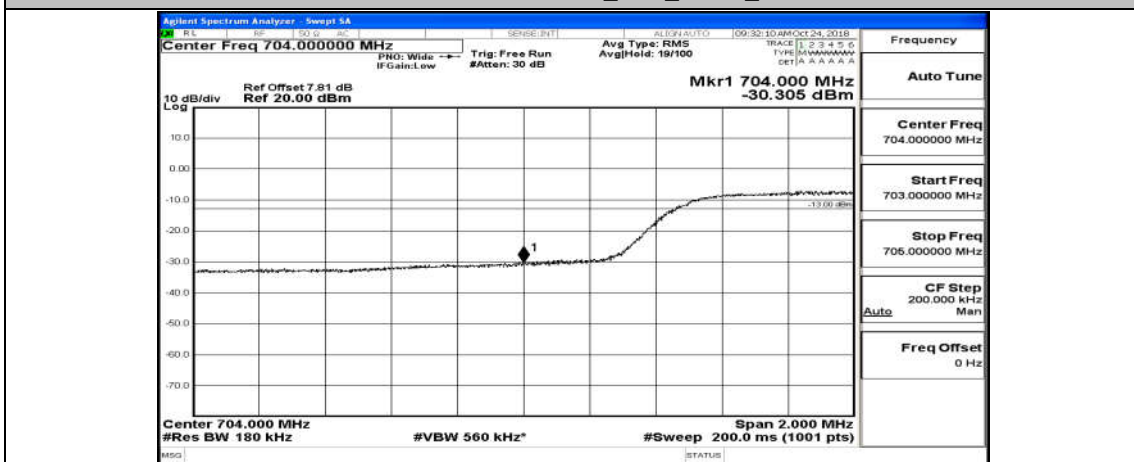


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

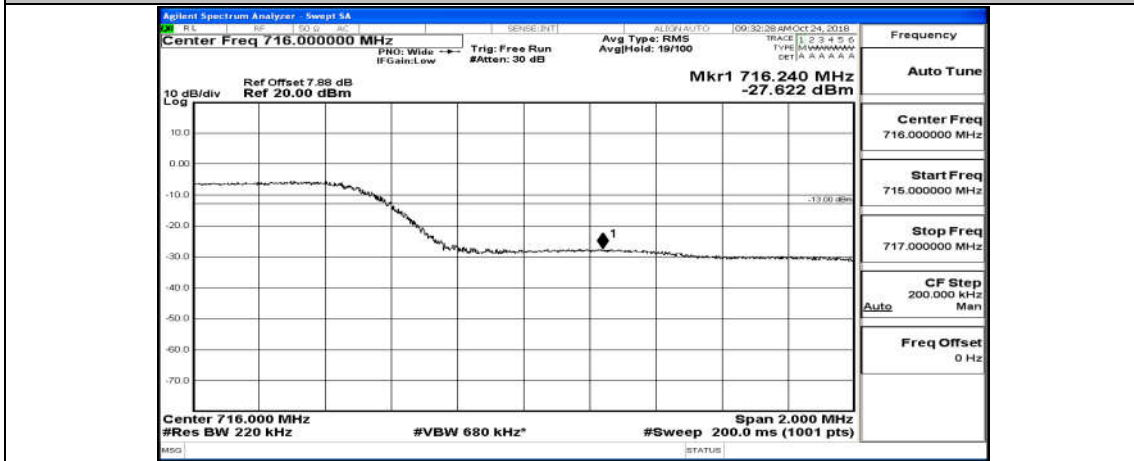


Channel Bandwidth: 10 MHz

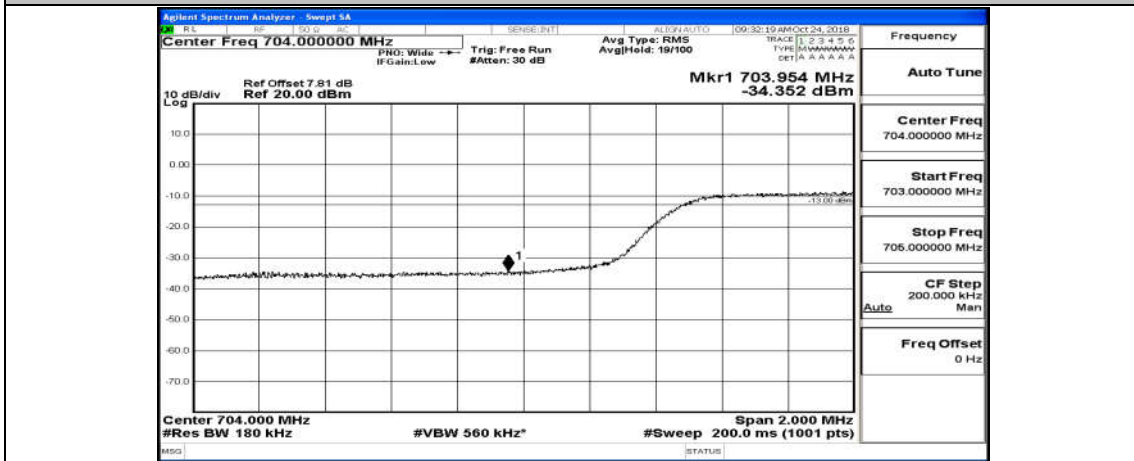
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



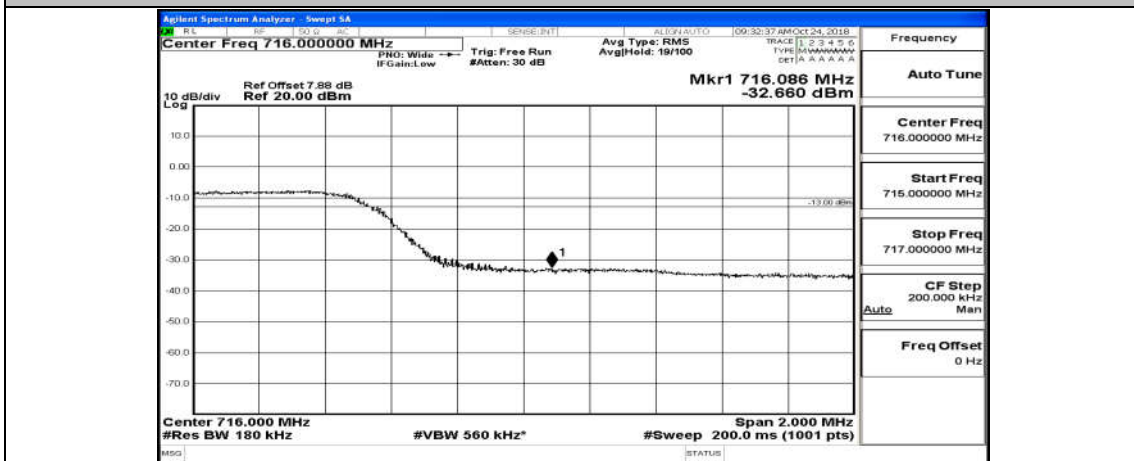
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



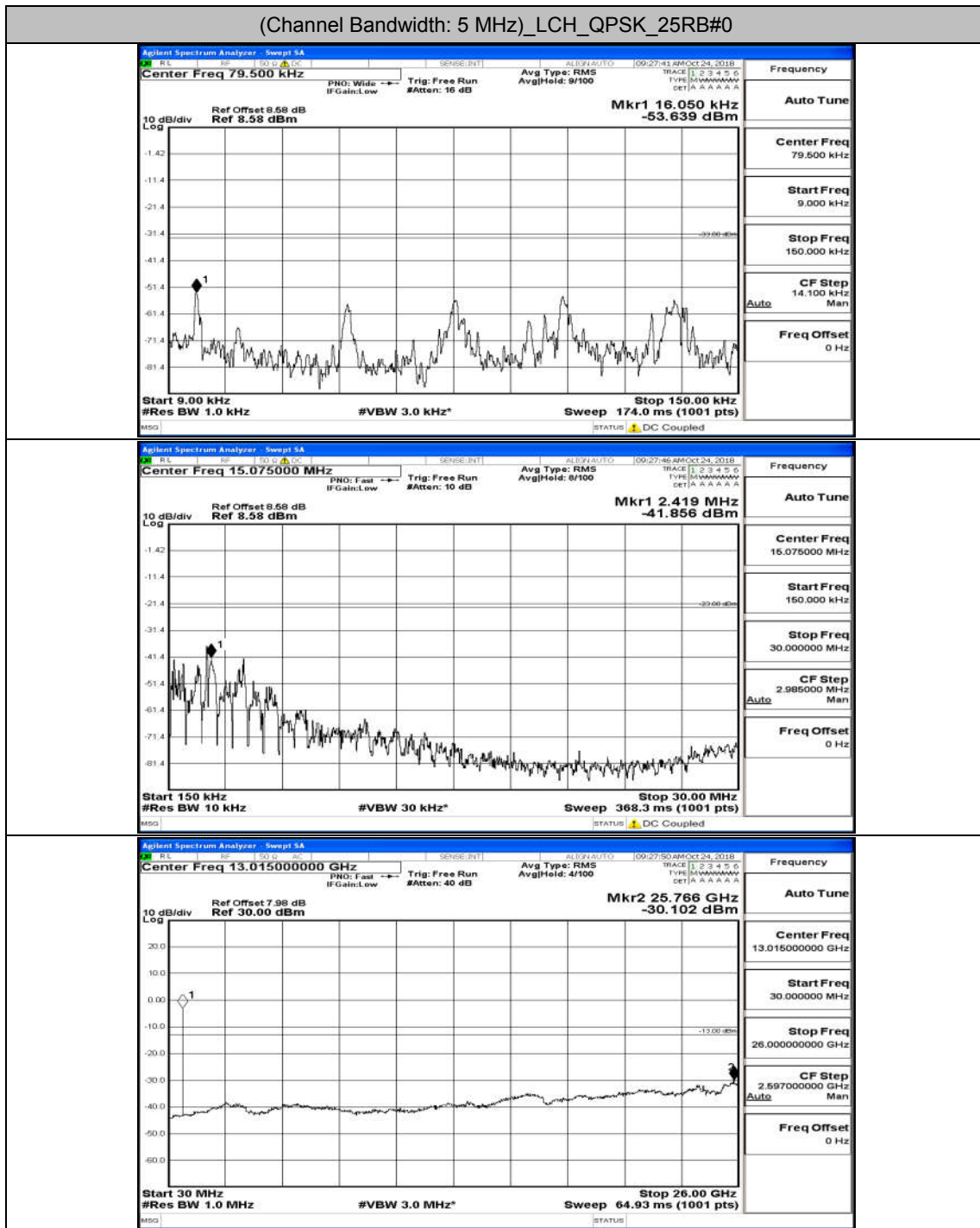
Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0



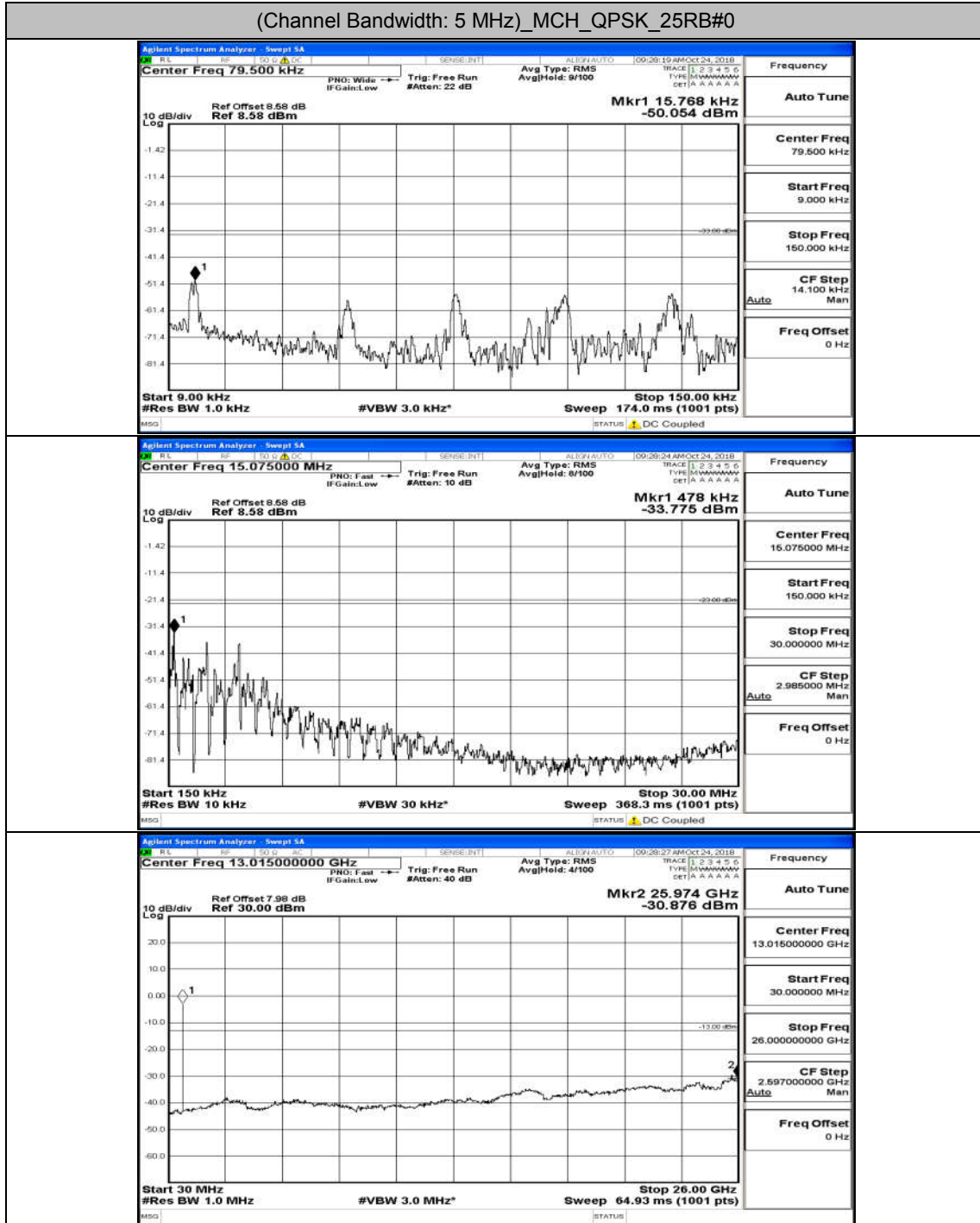
Appendix D.5: Conducted Spurious Emission

Test Graphs

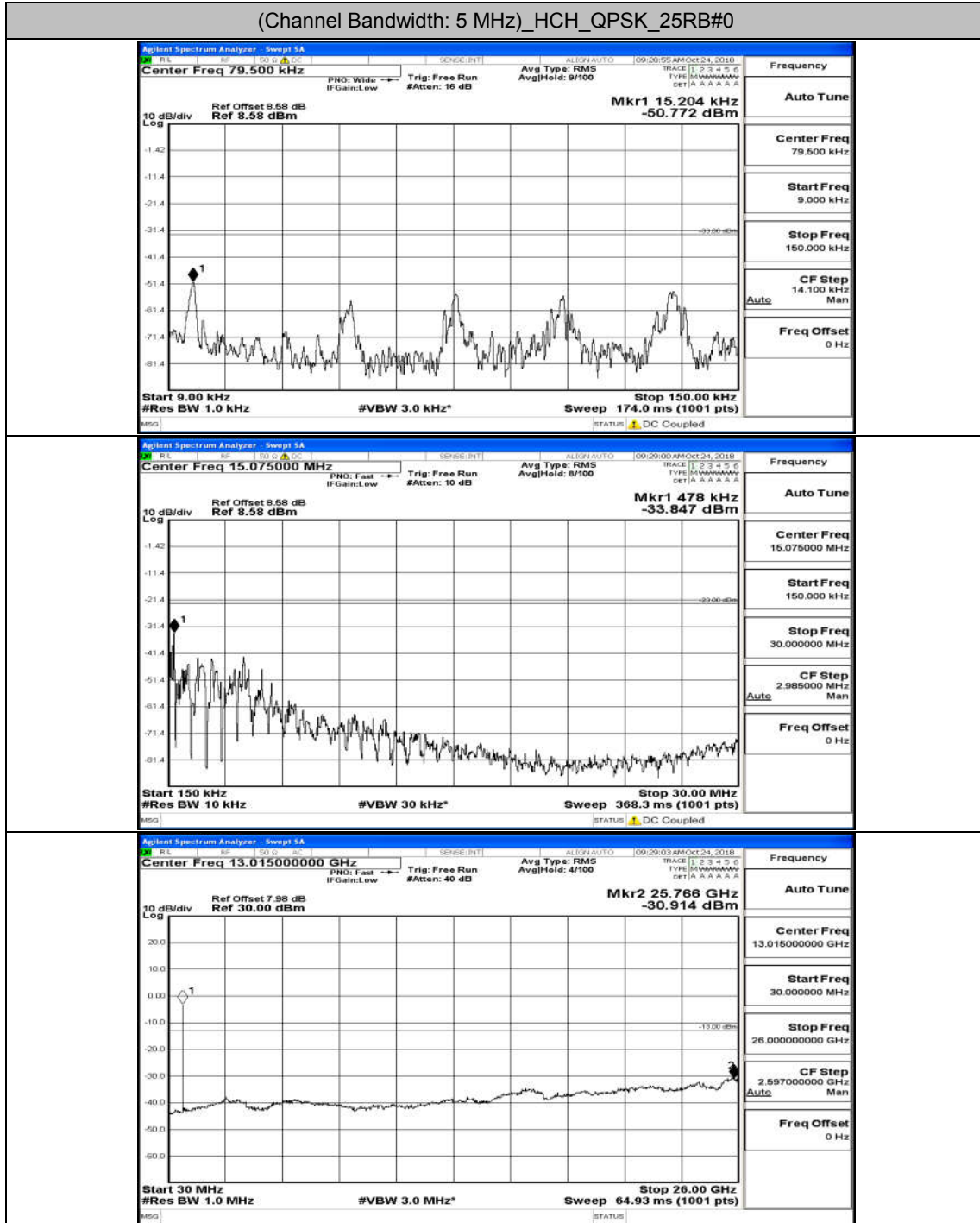
Channel Bandwidth: 5 MHz



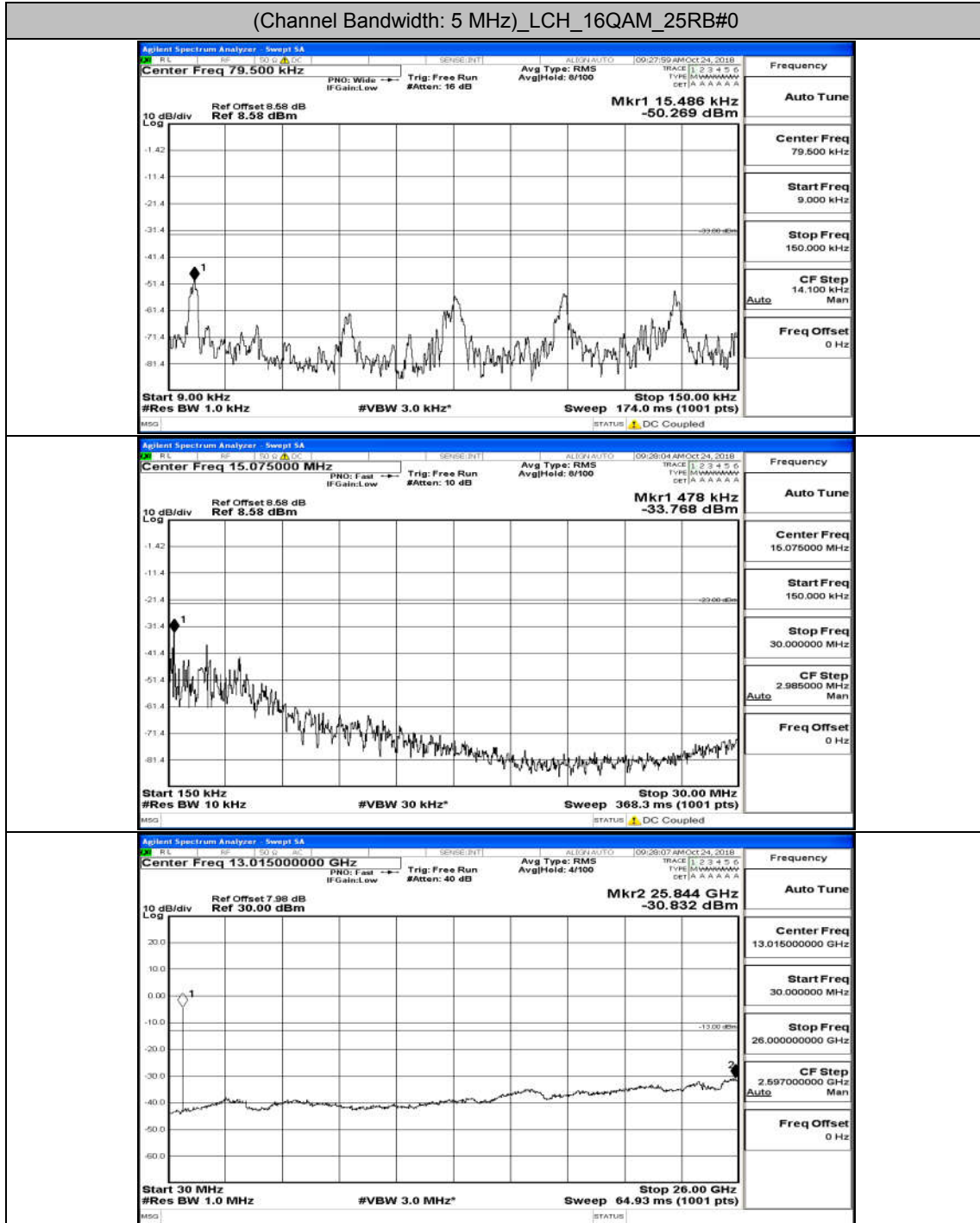
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



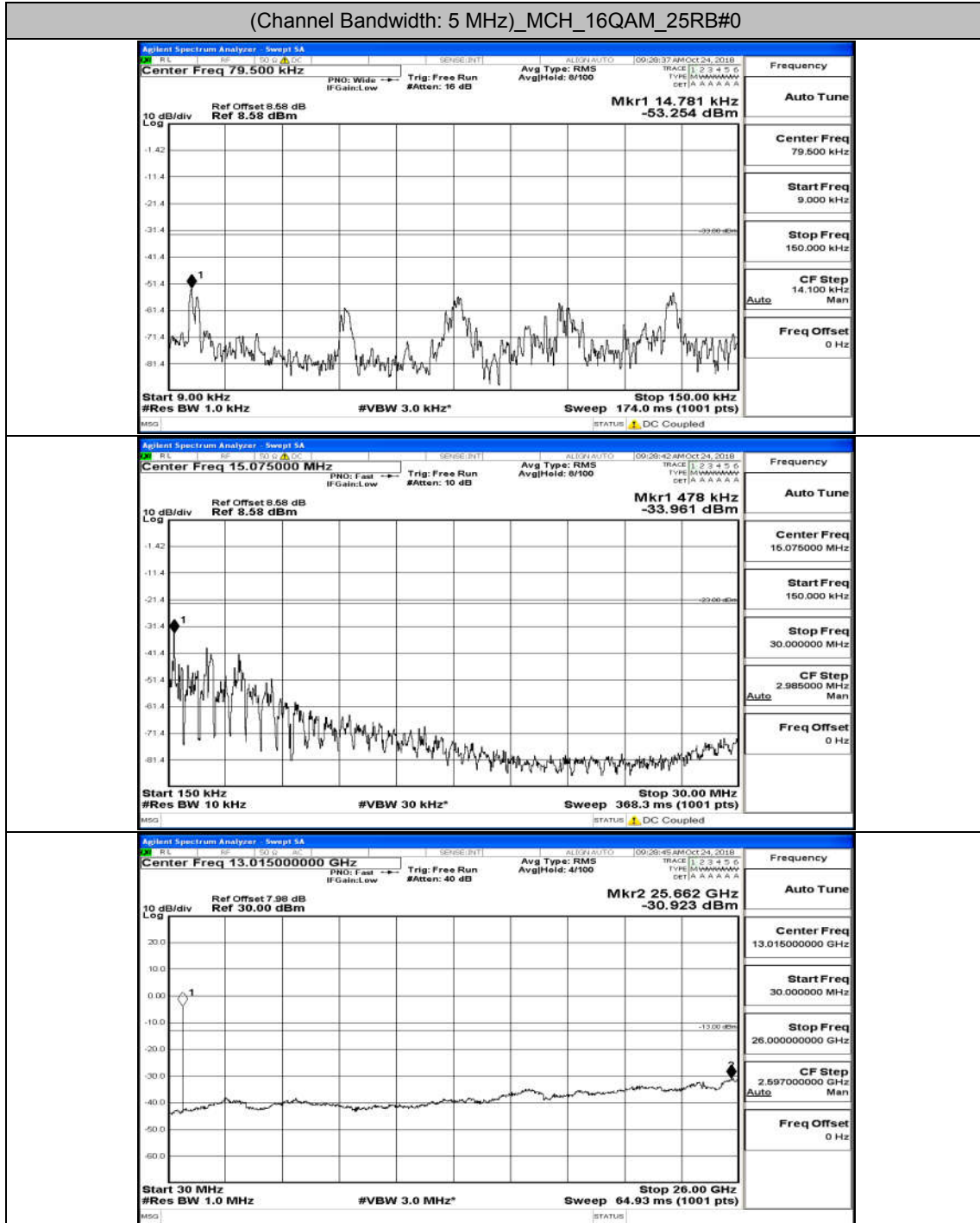
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



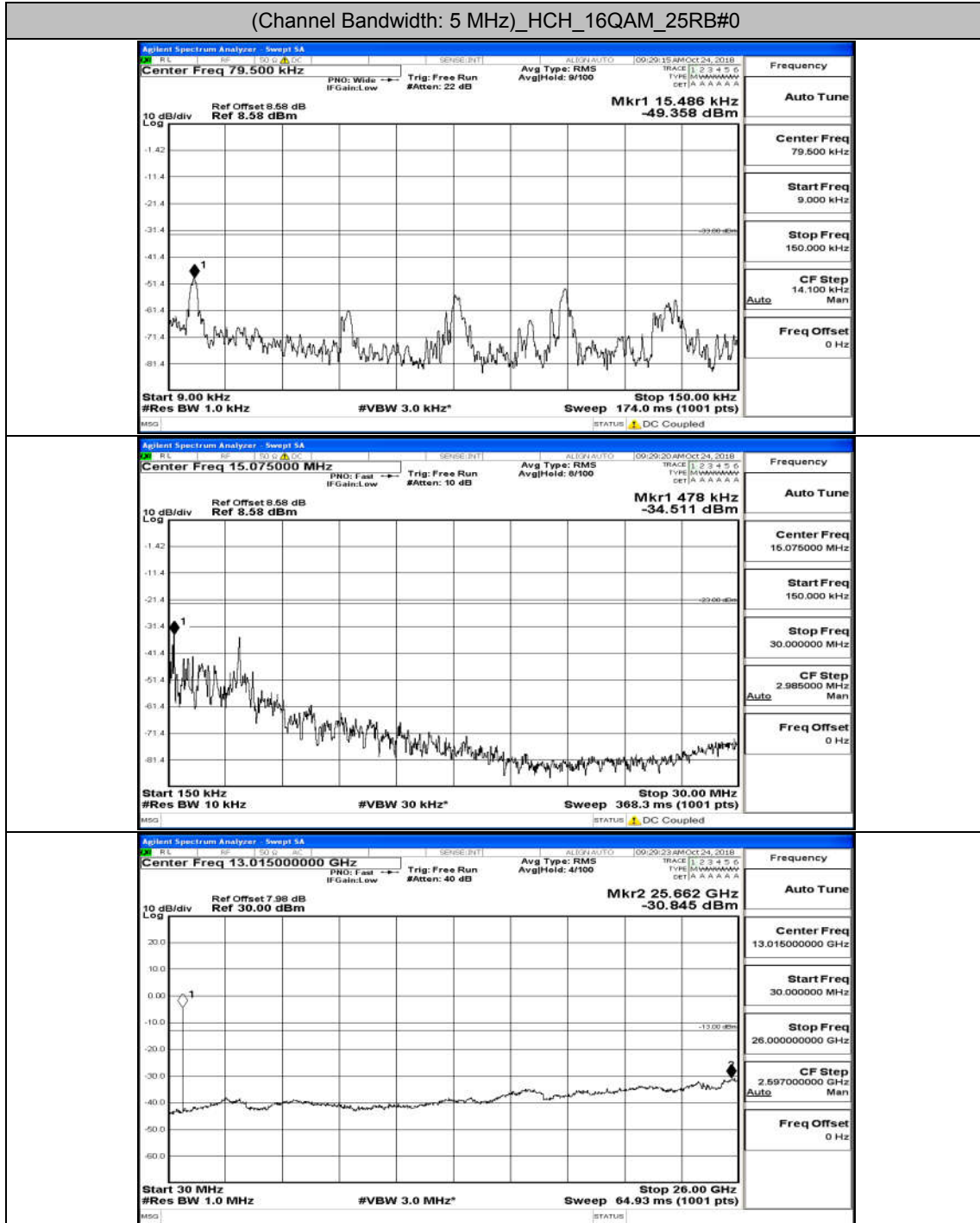
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



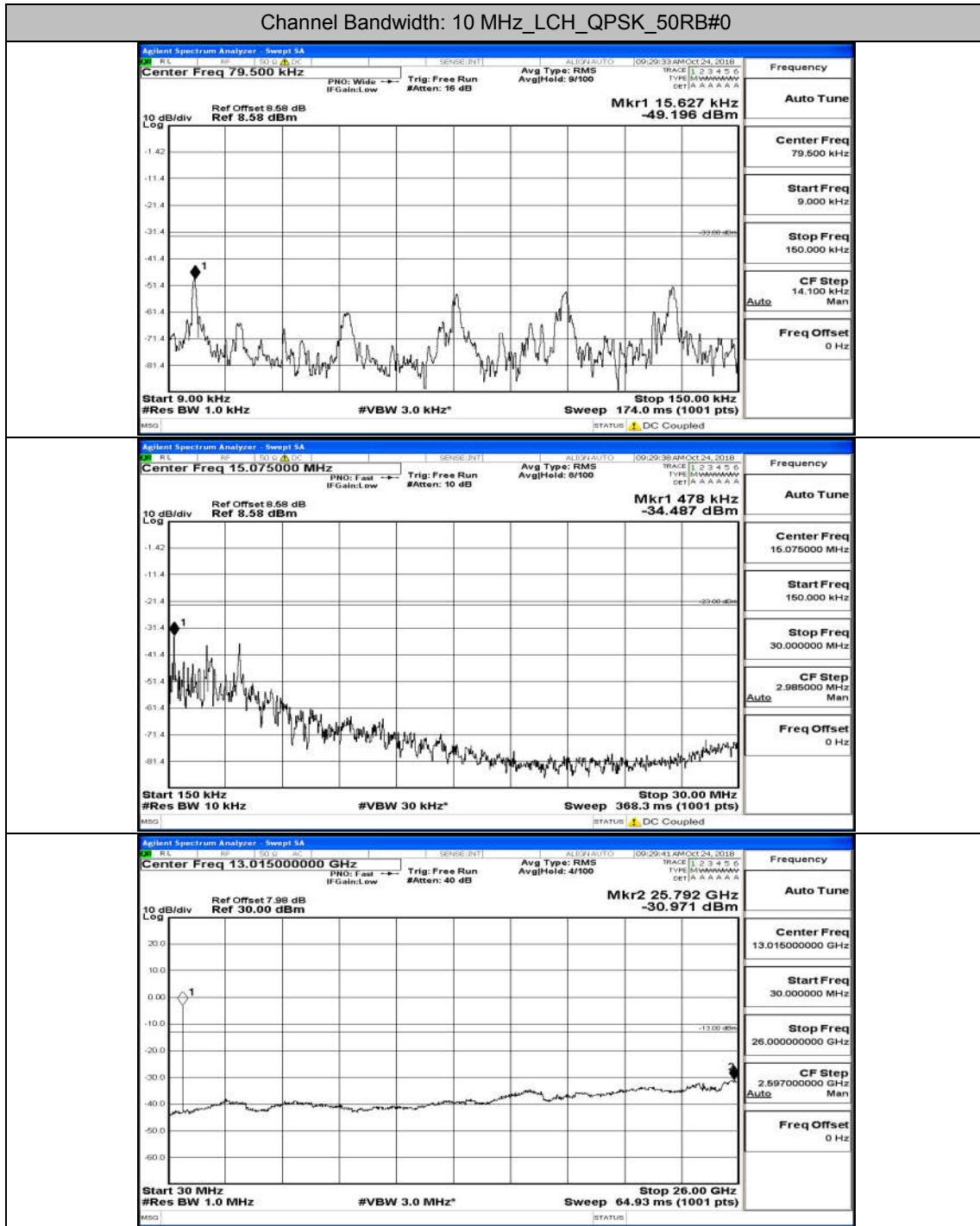
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



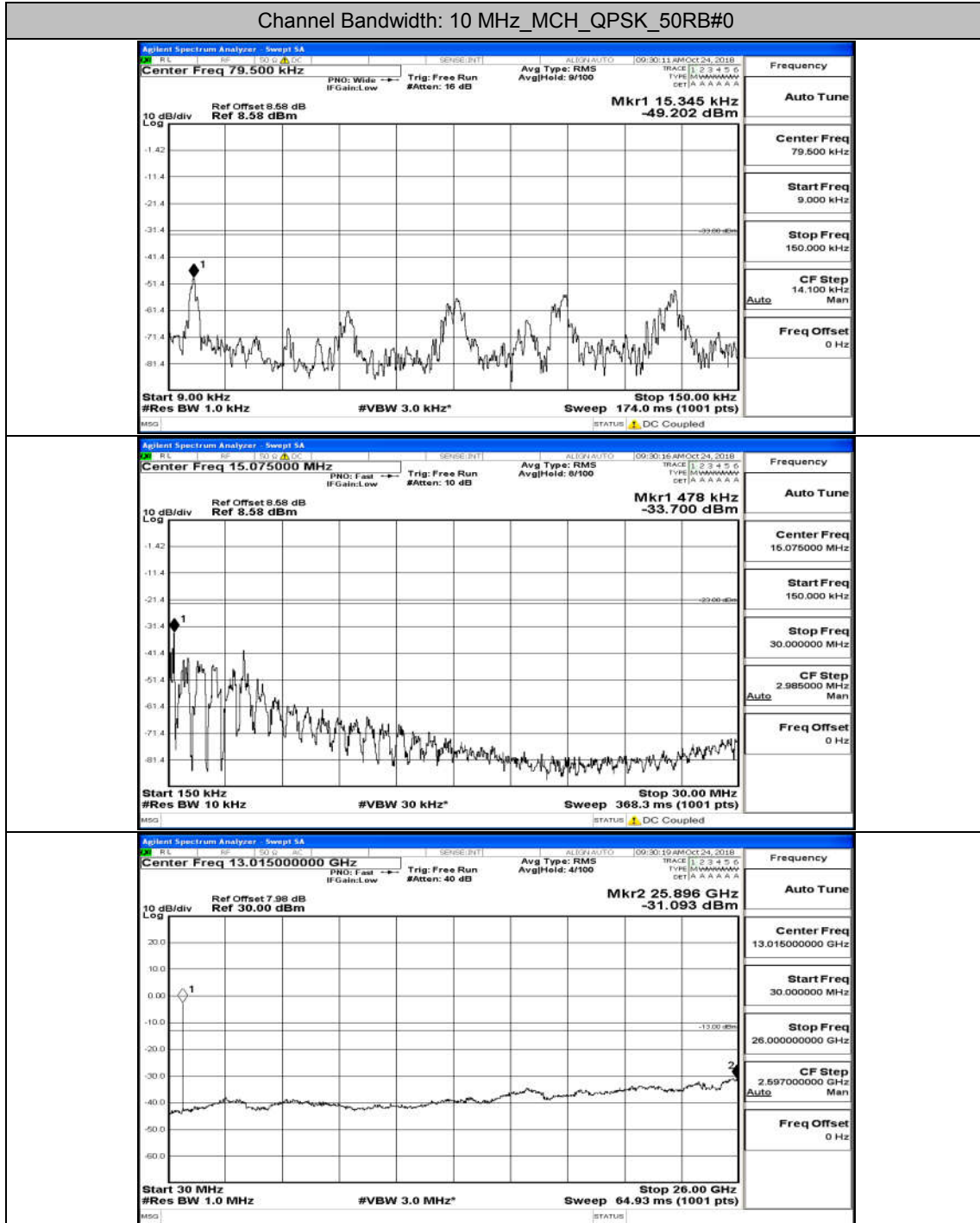
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



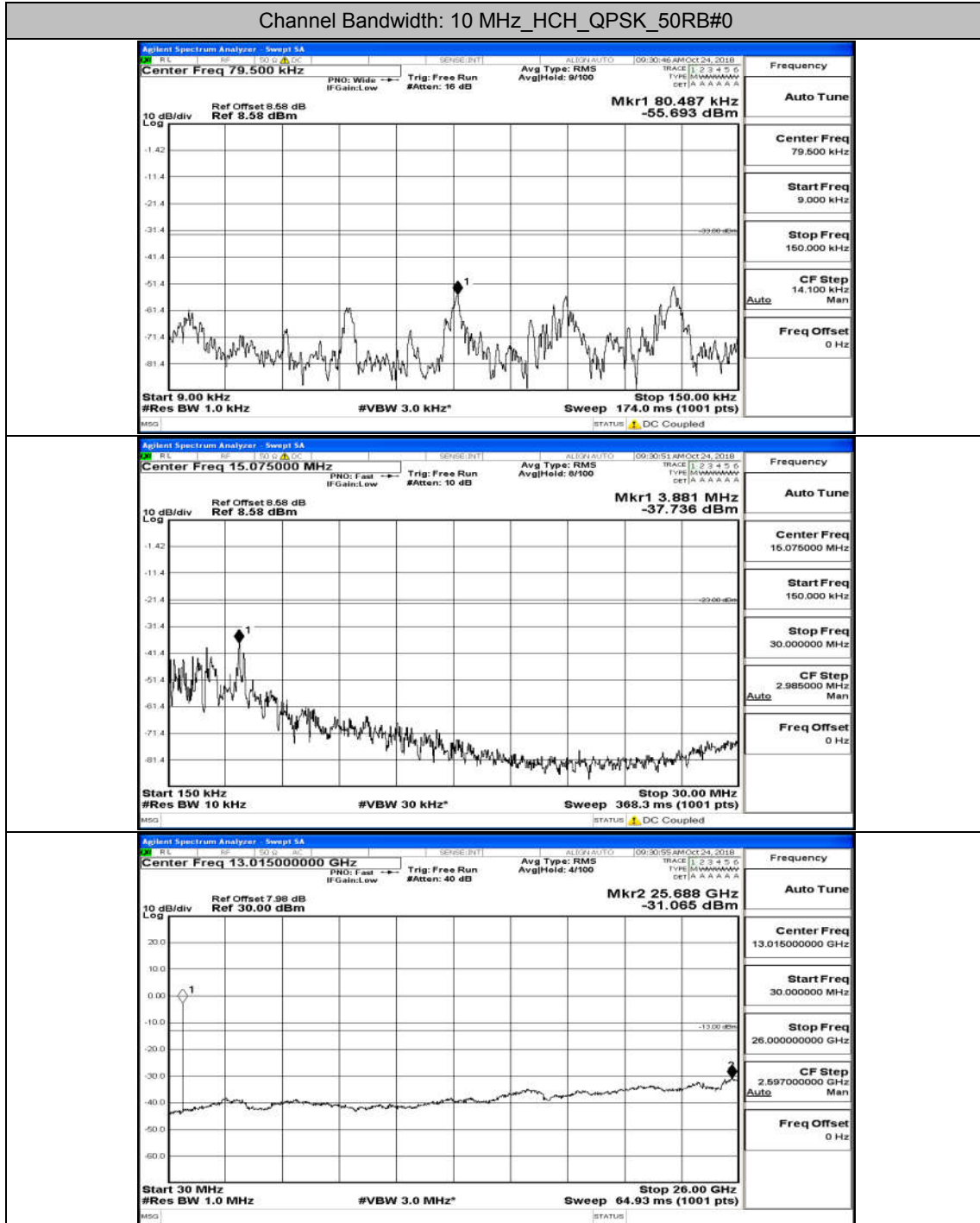
Channel Bandwidth: 10 MHz



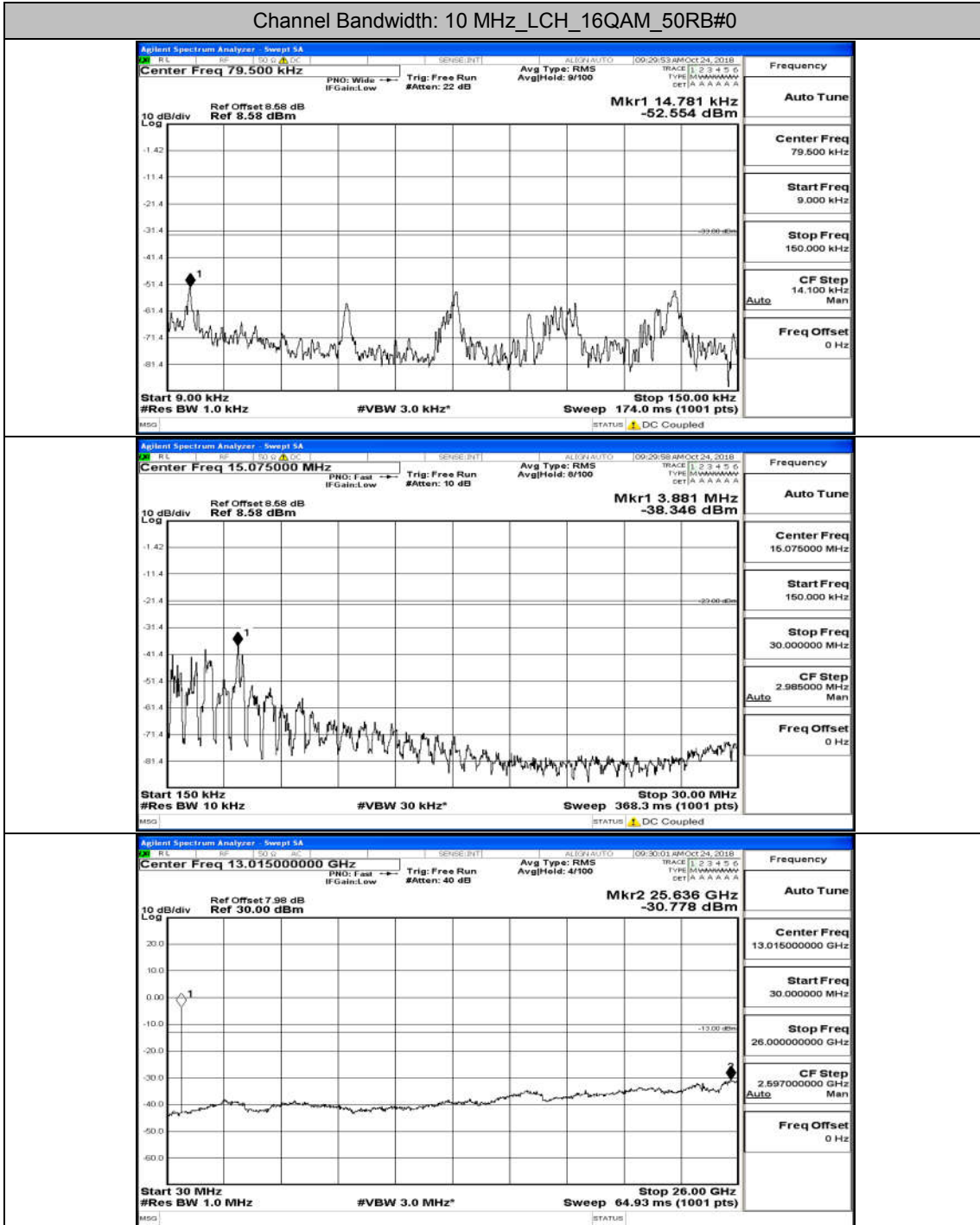
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



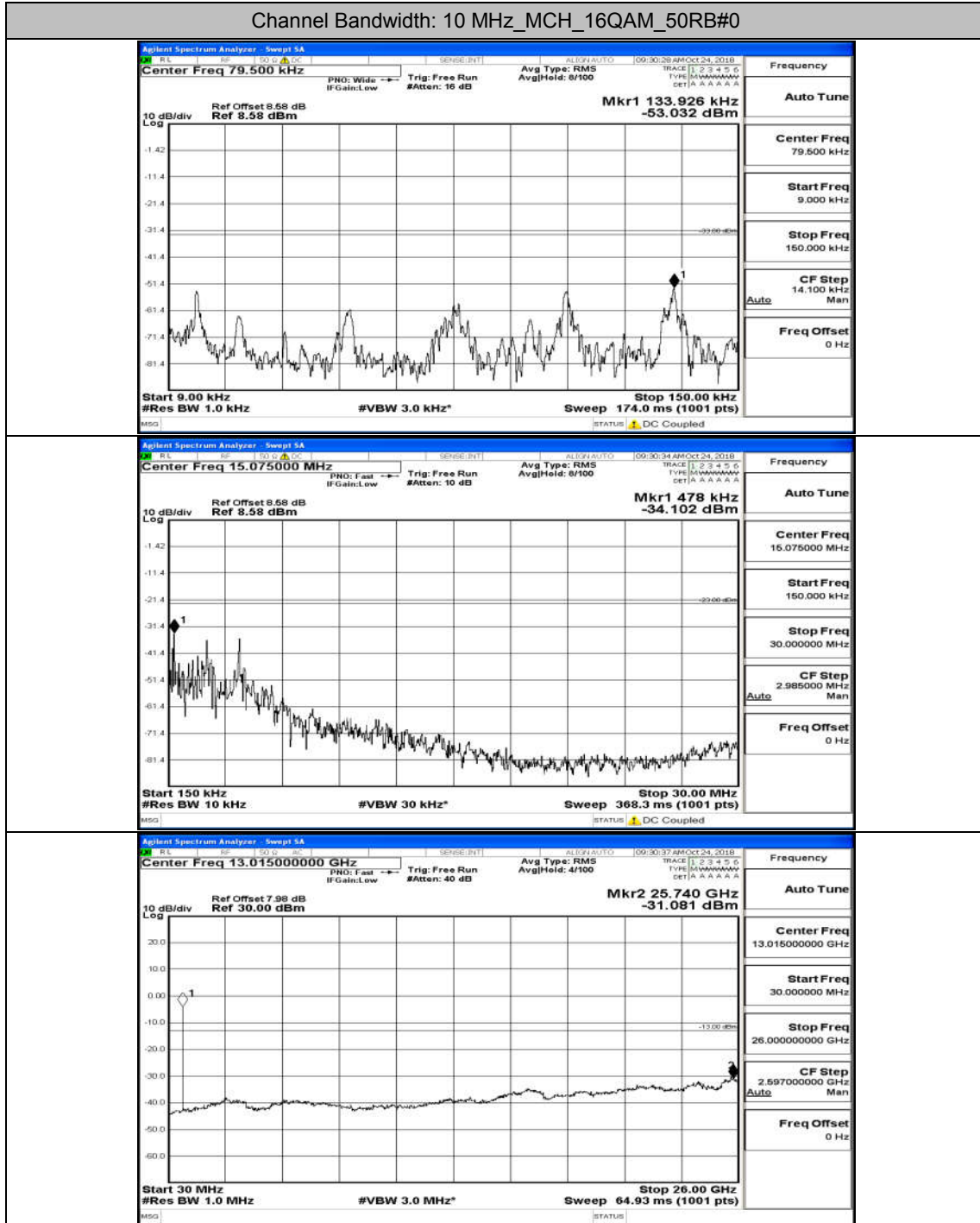
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

