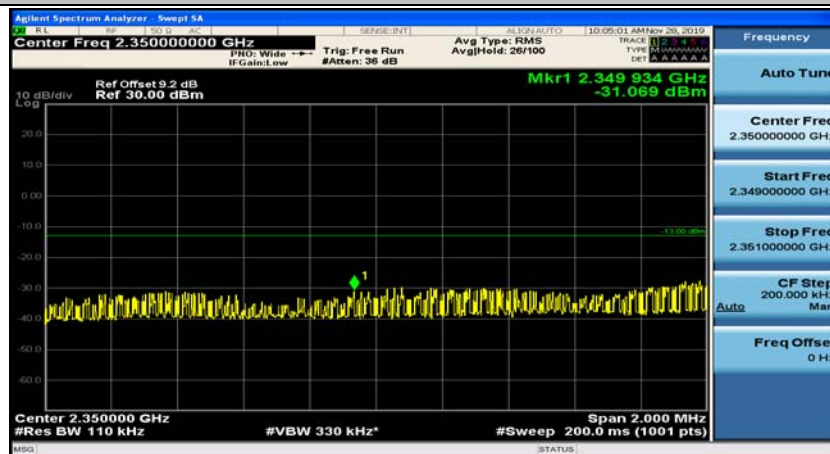




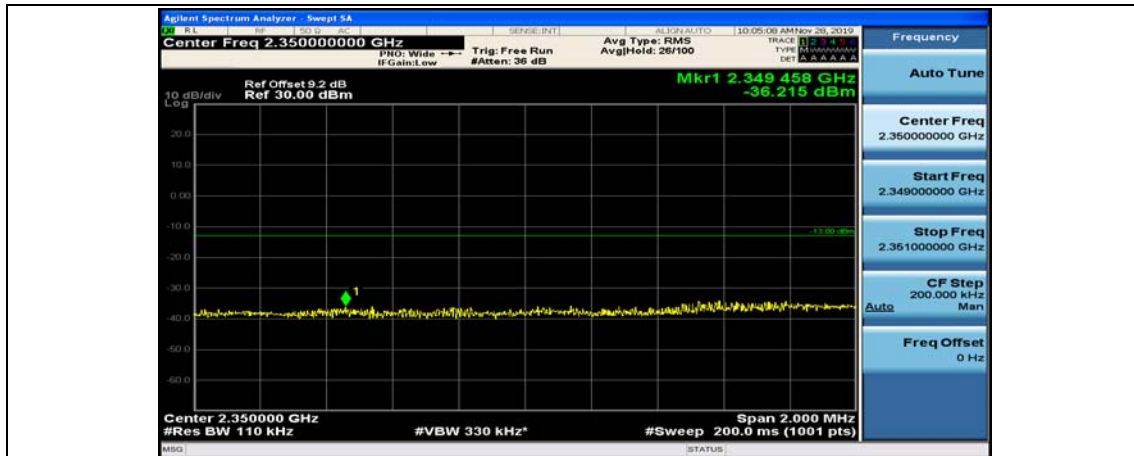
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12



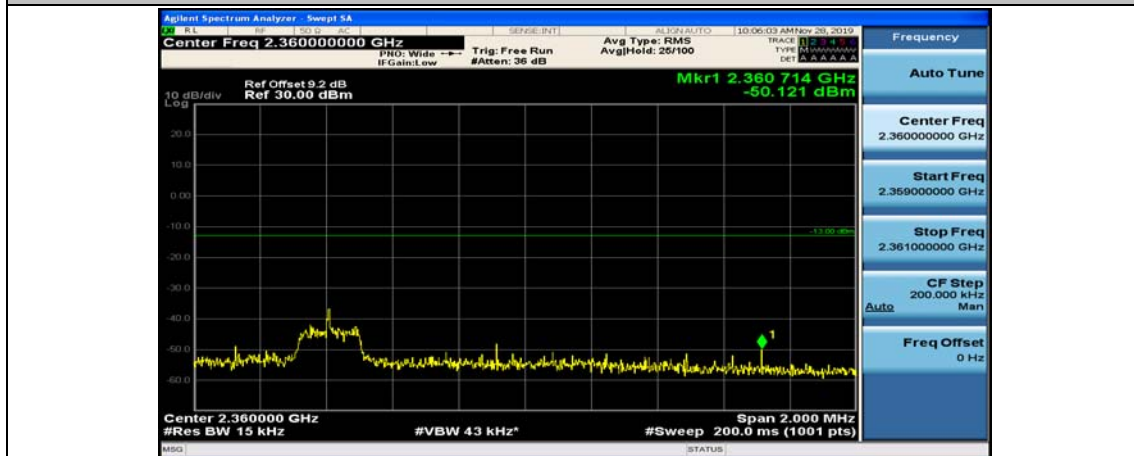
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25



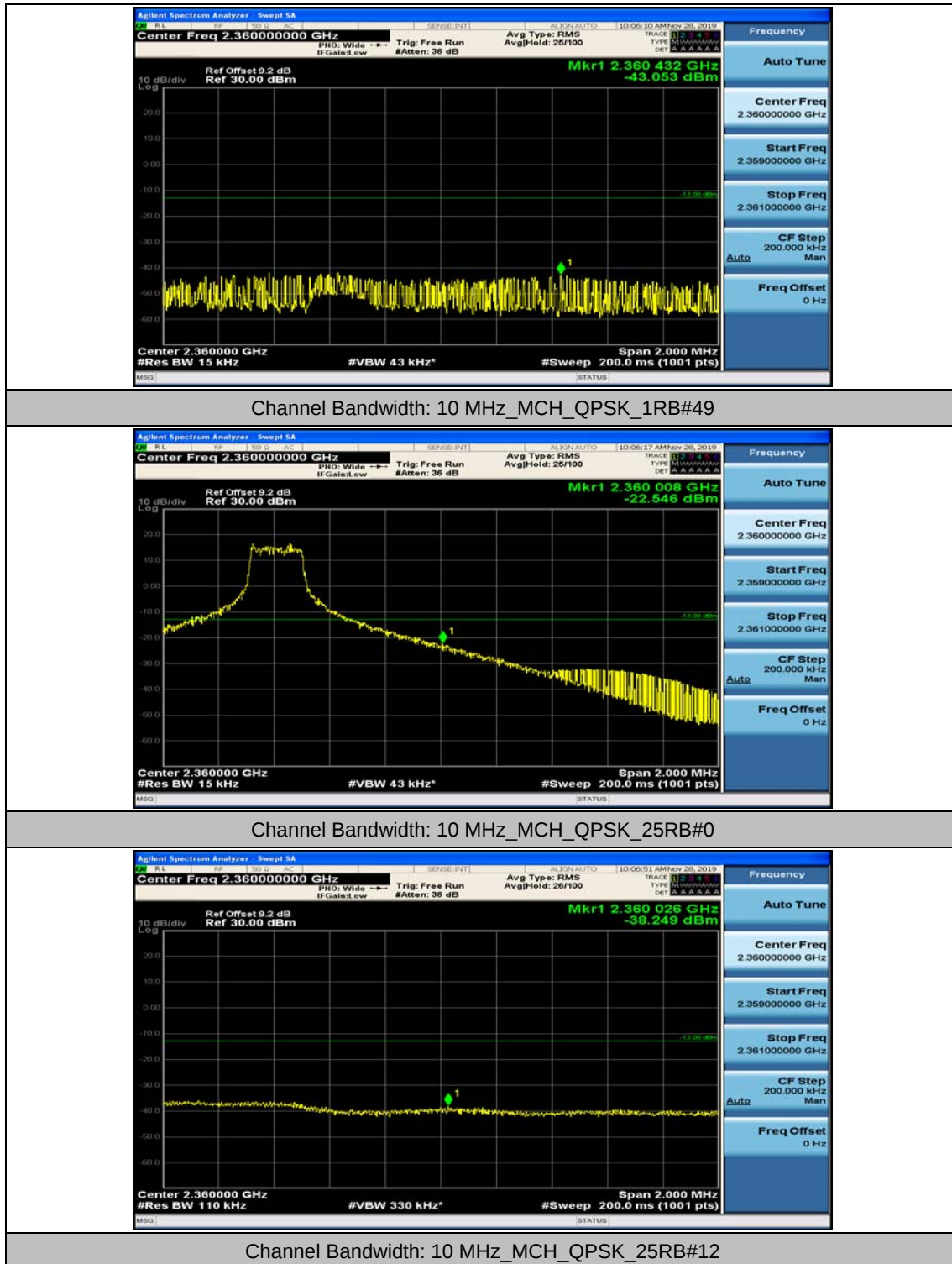
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0

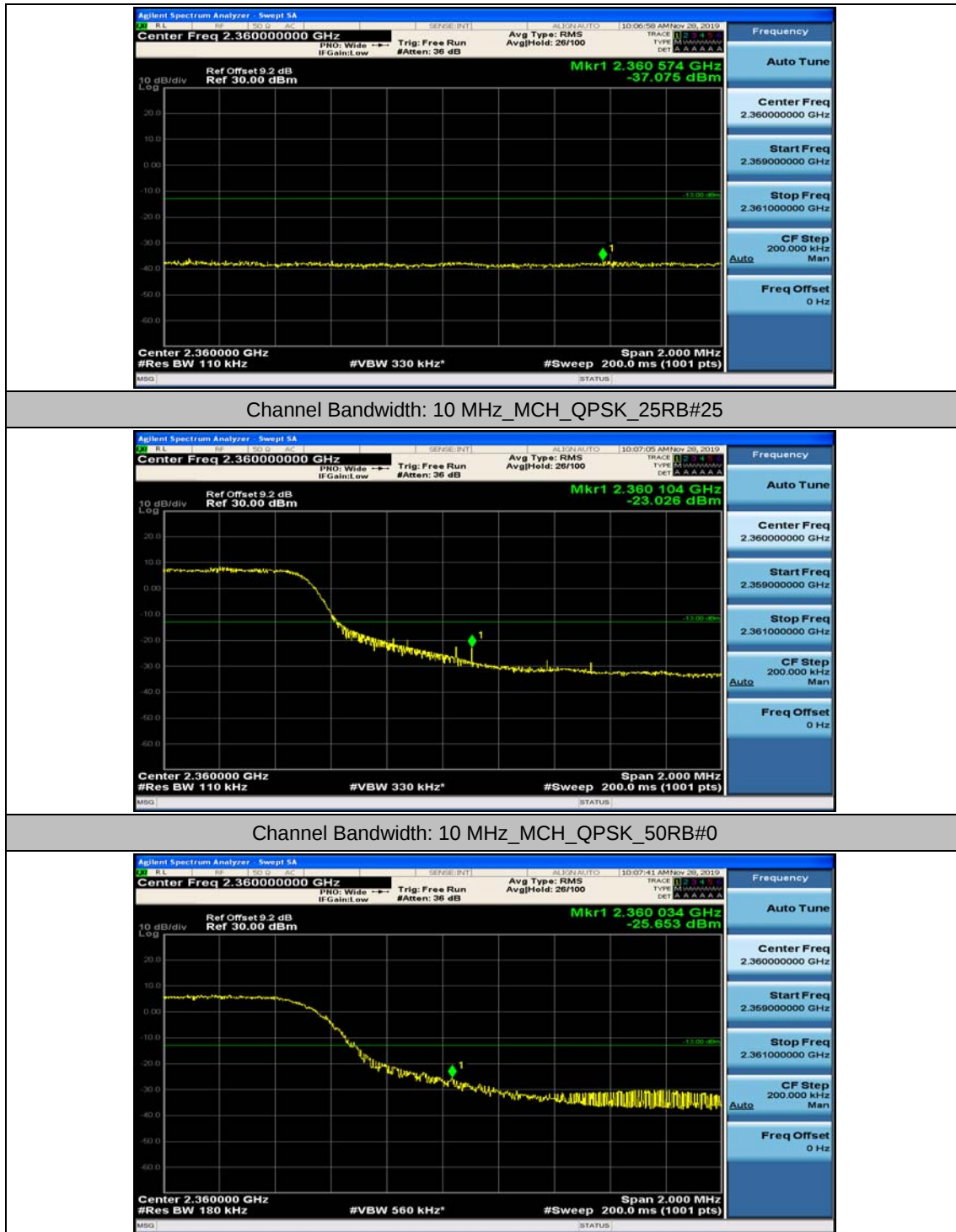


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

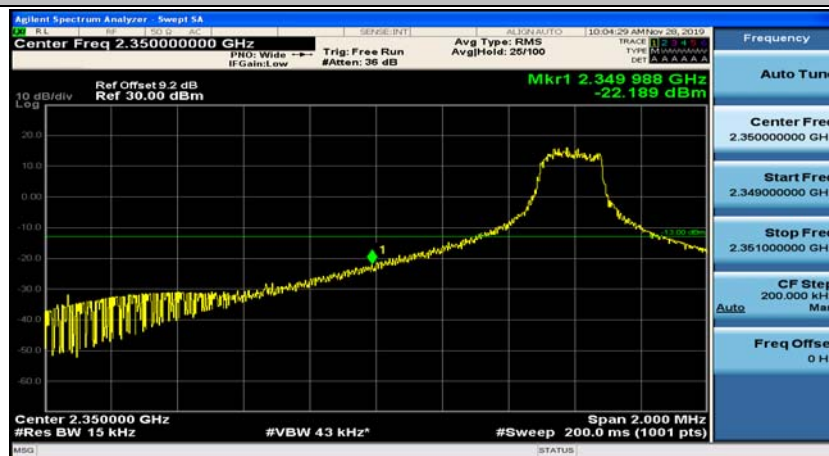


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

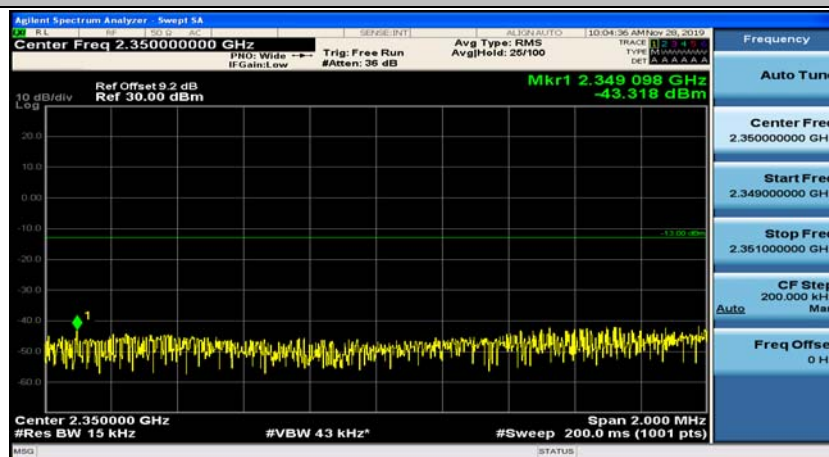




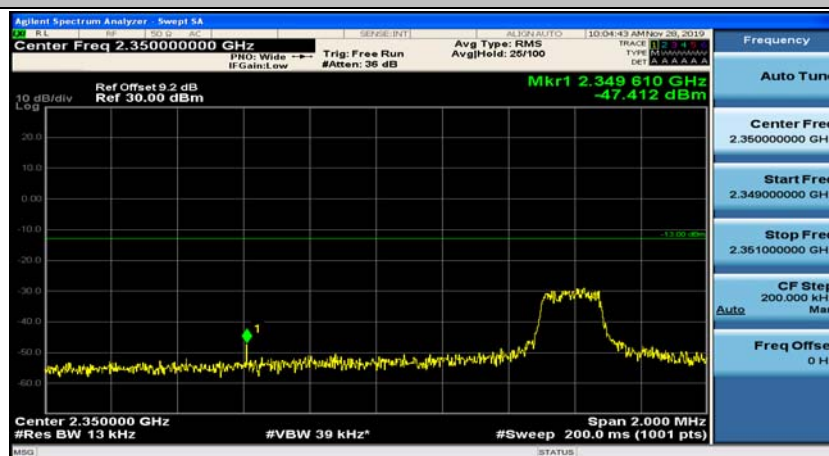
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



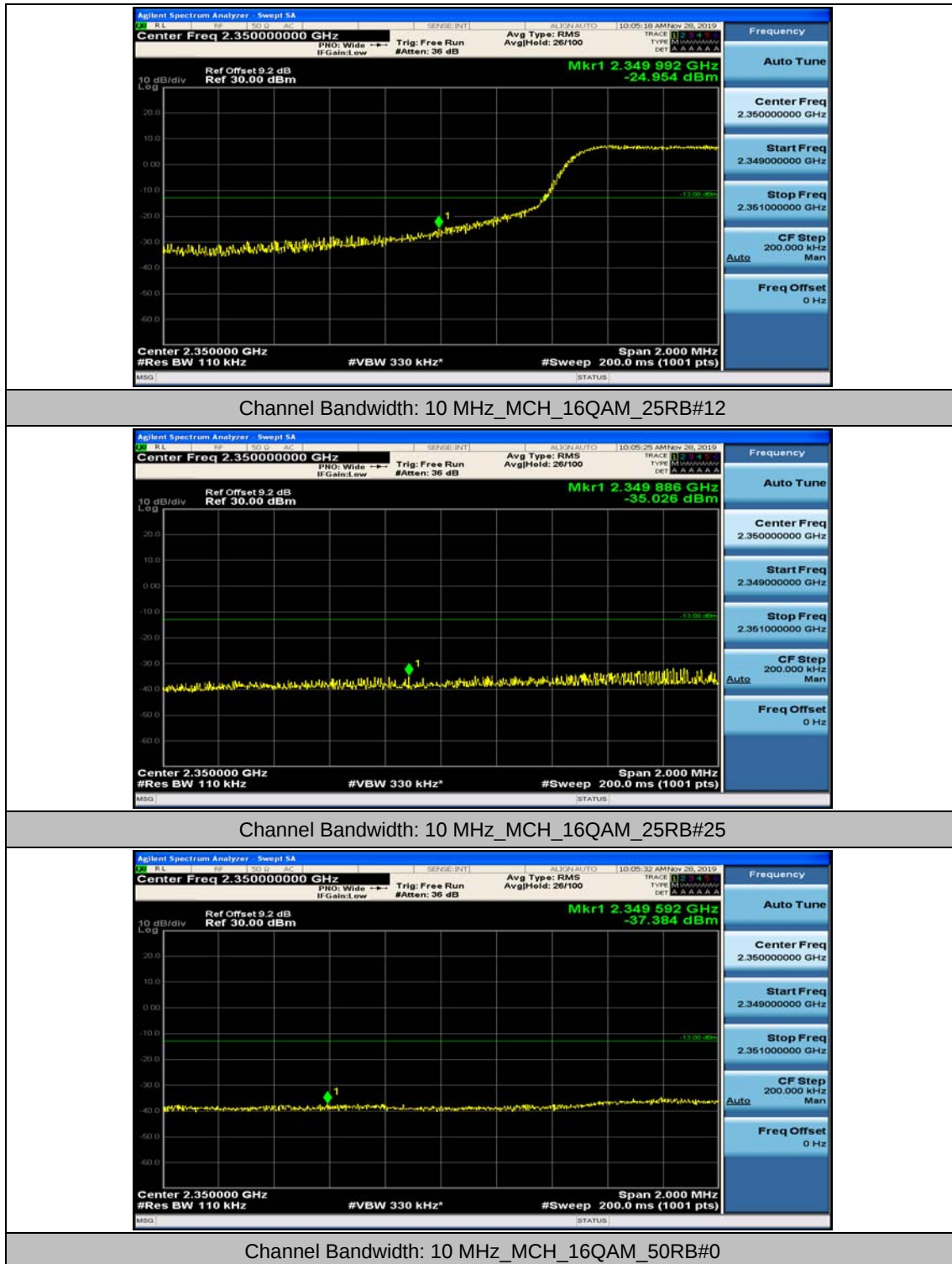
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

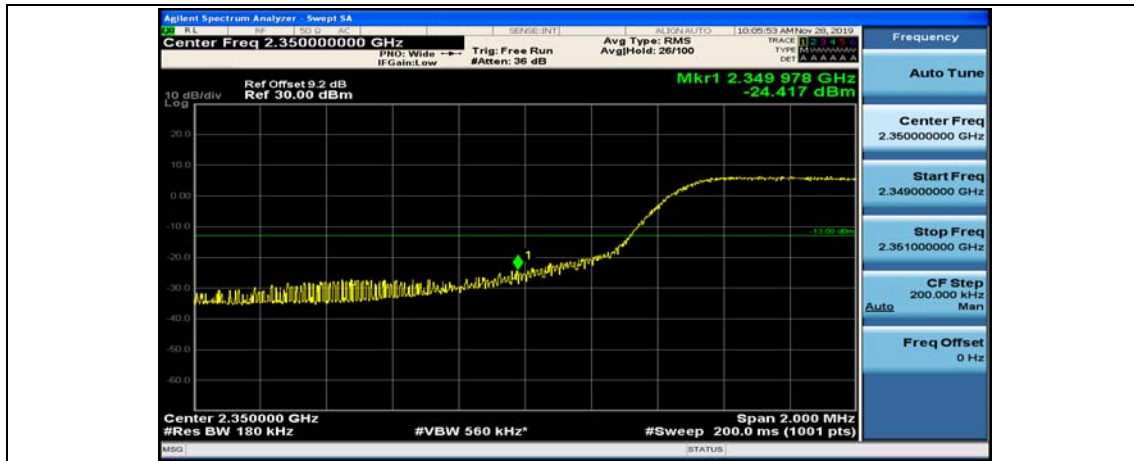


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

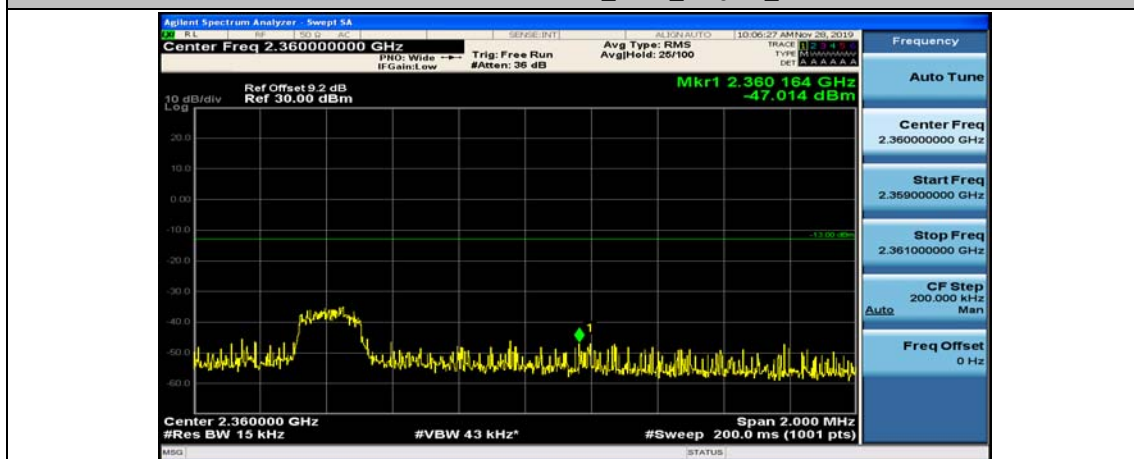


Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0

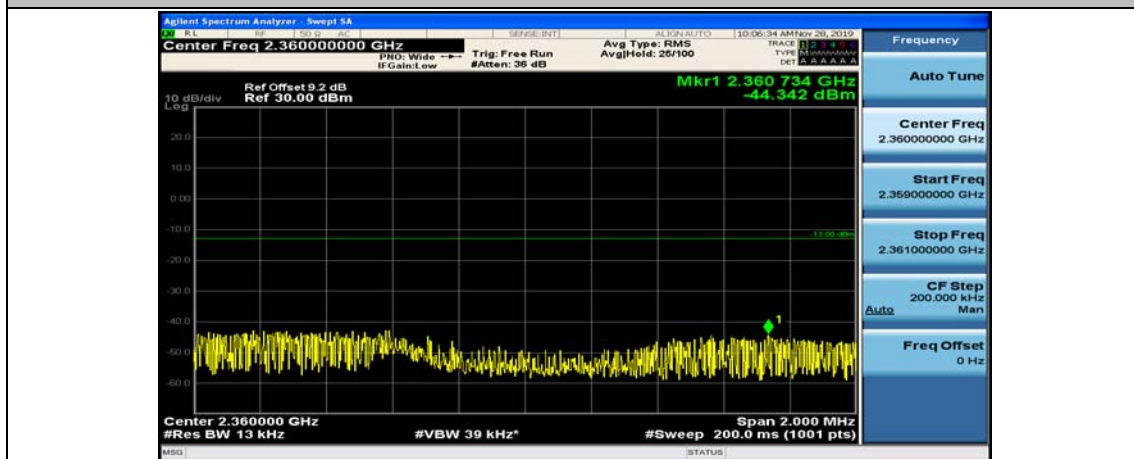




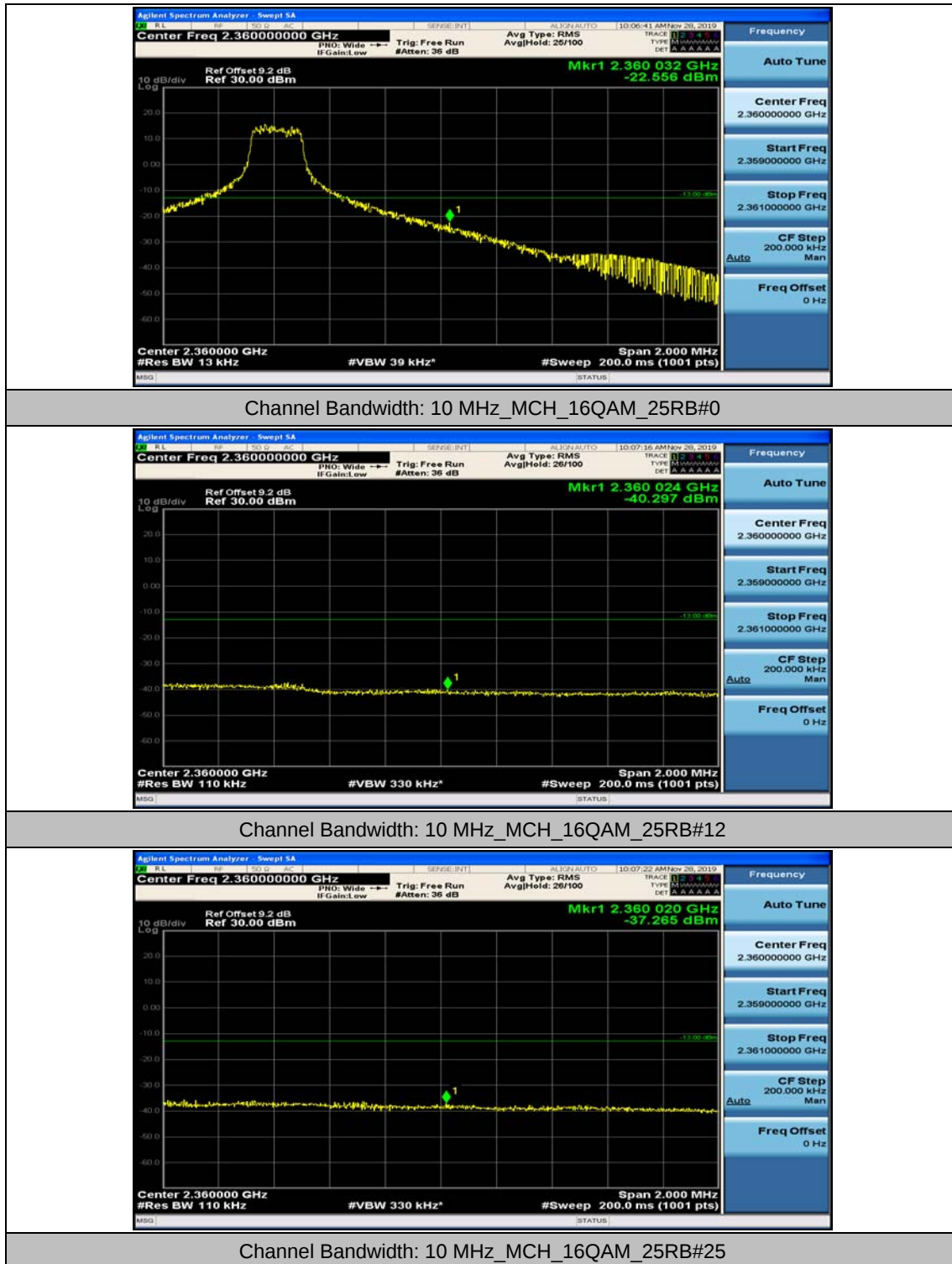
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

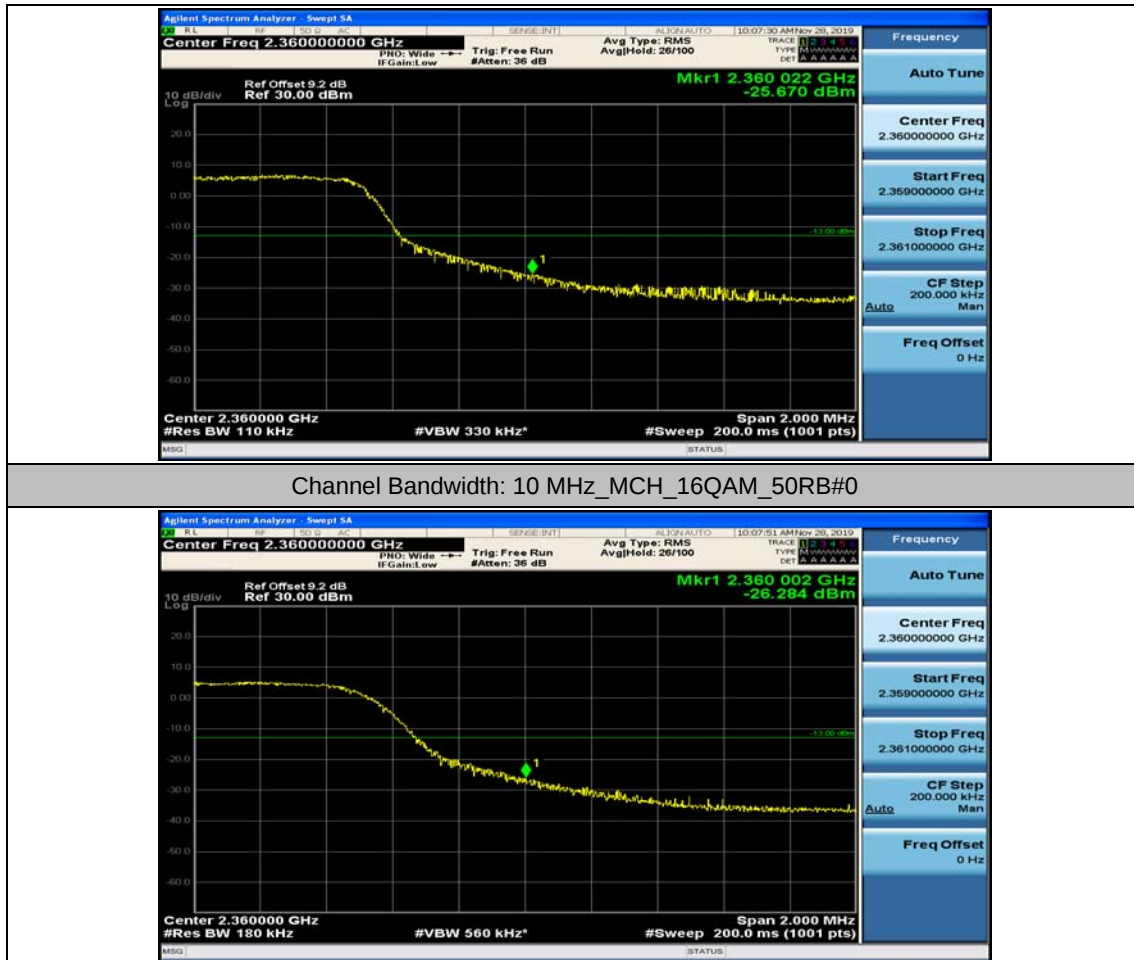


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49



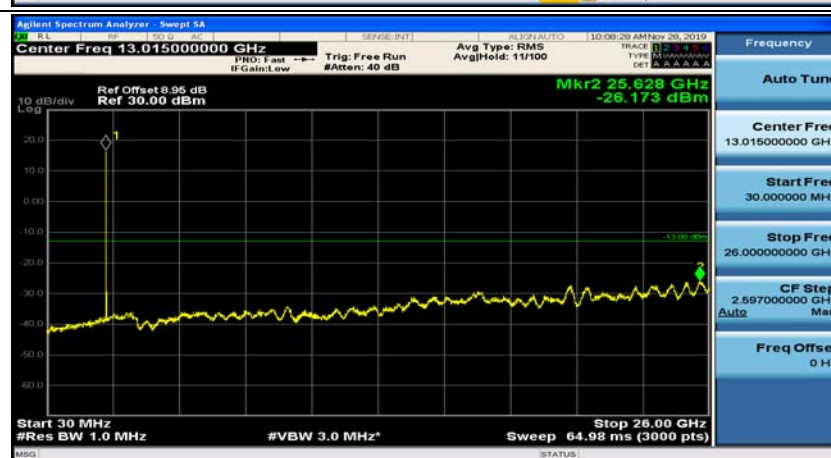
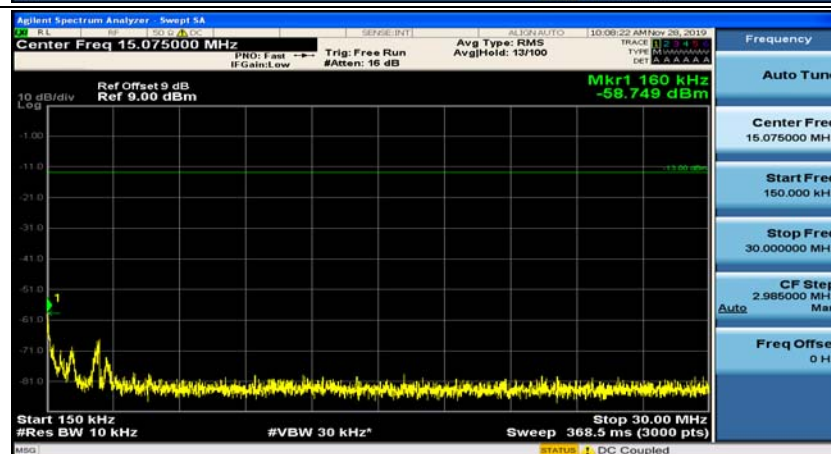
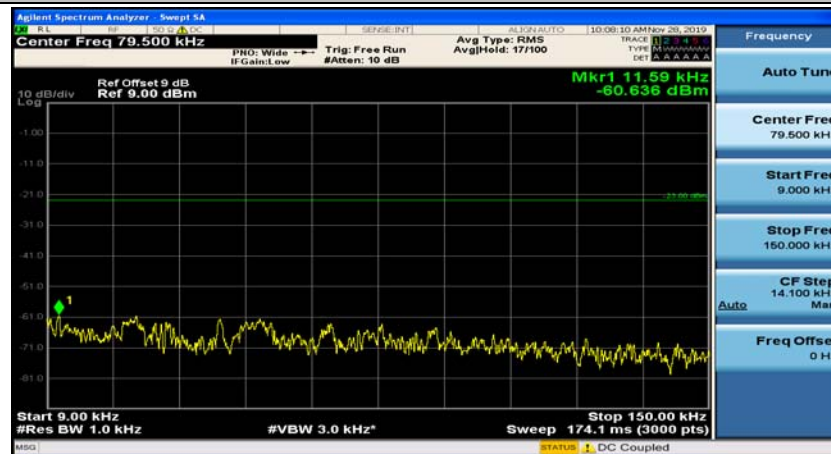


Appendix E: Conducted Spurious Emission

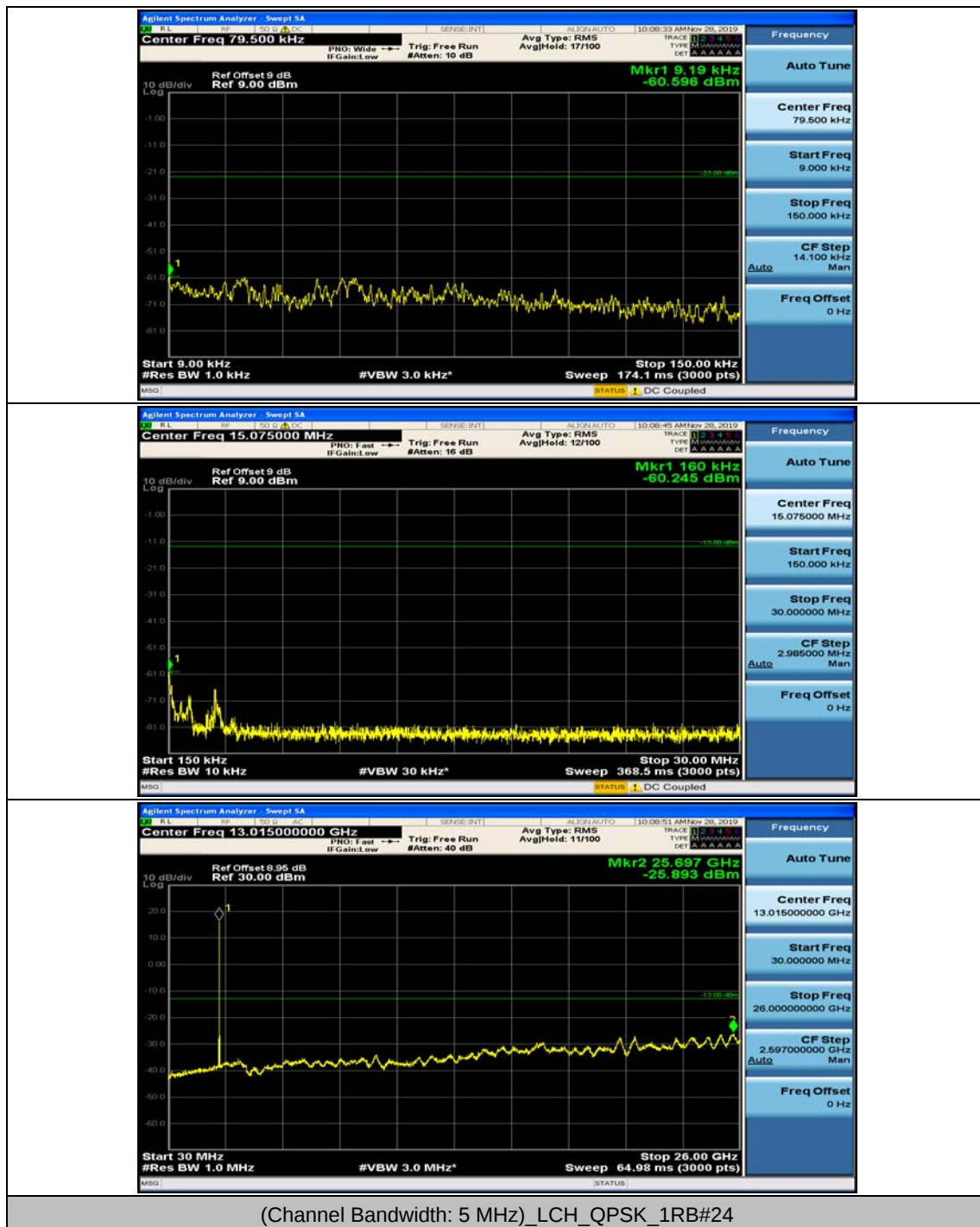
Test Graphs

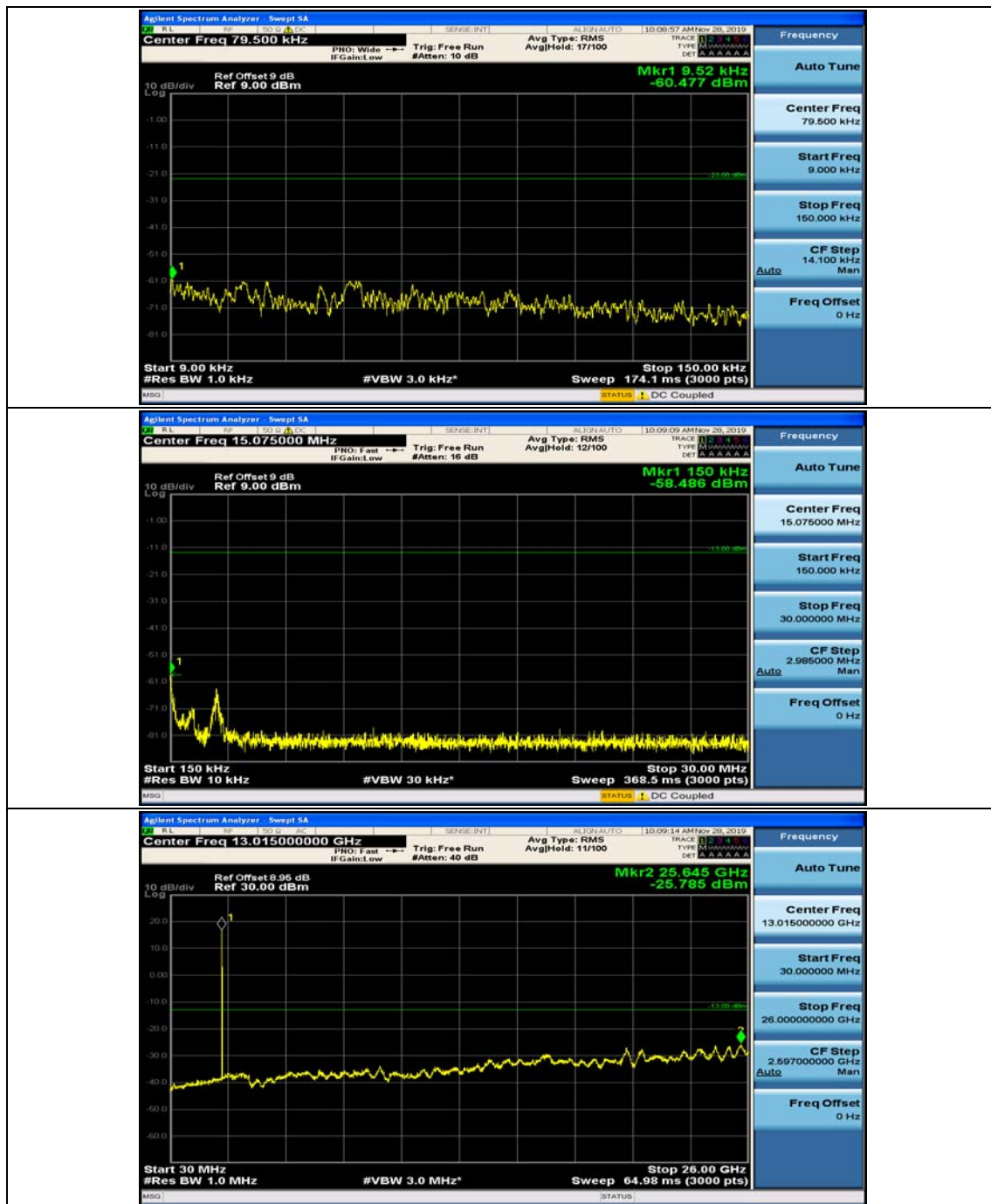
Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0

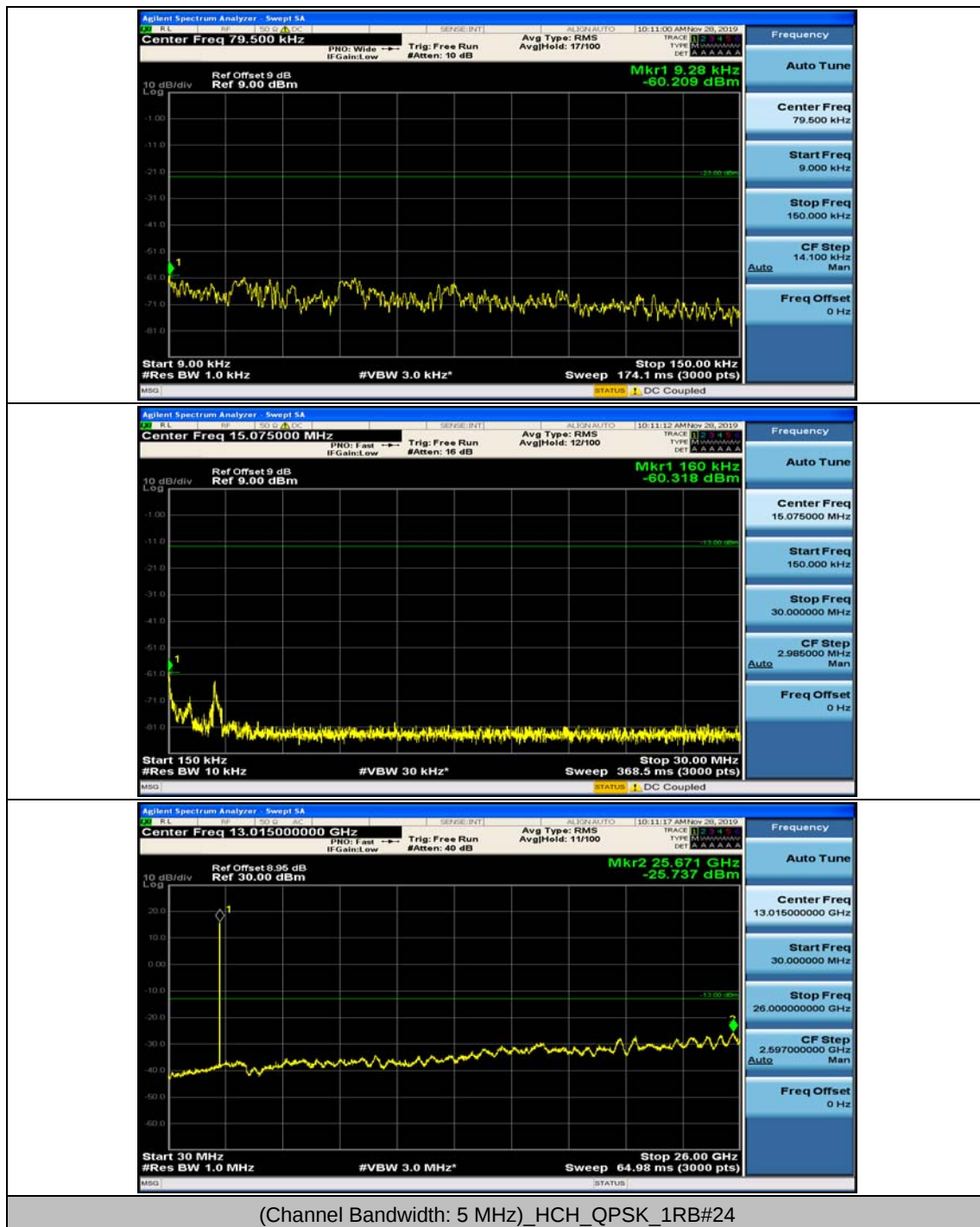


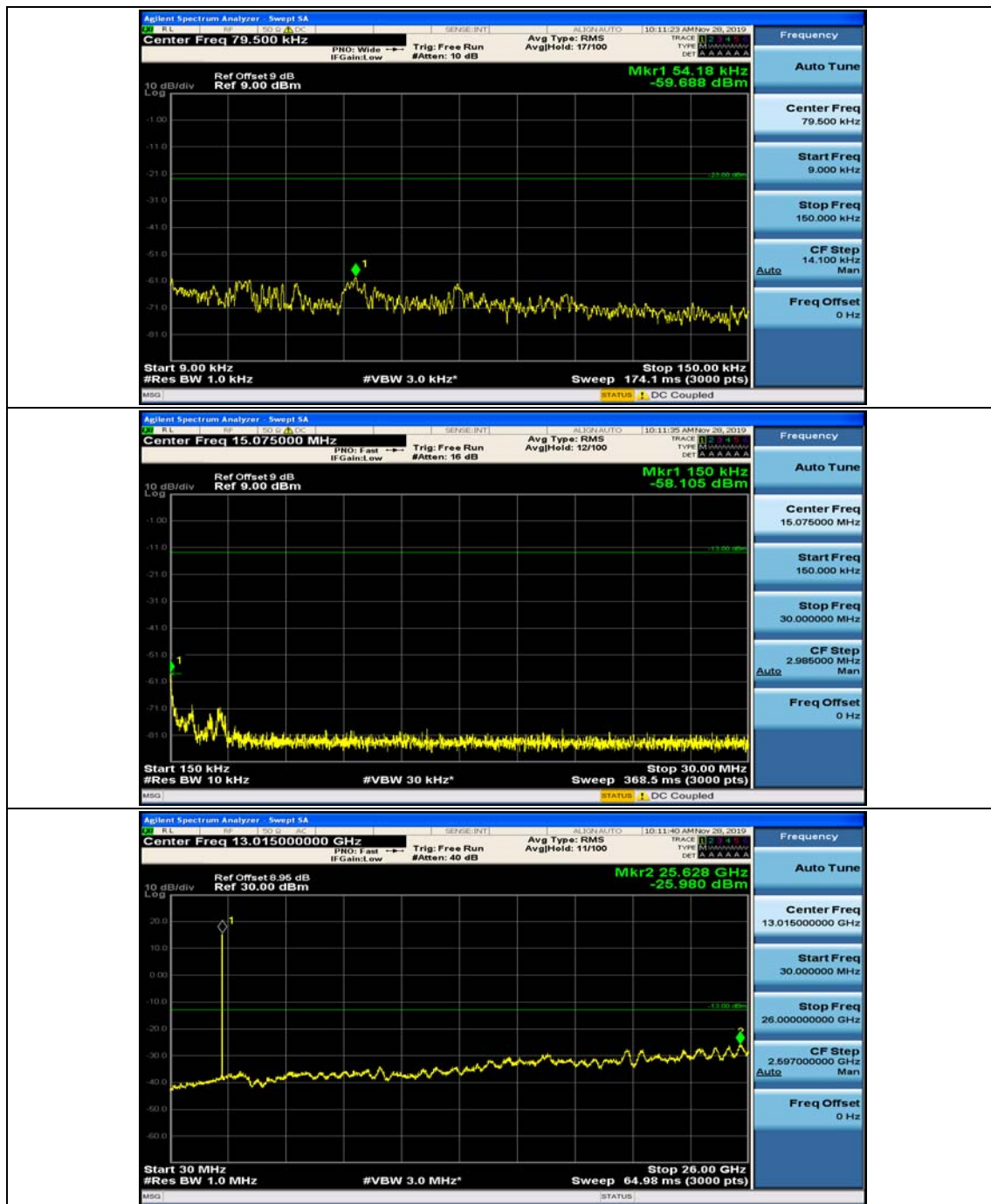
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



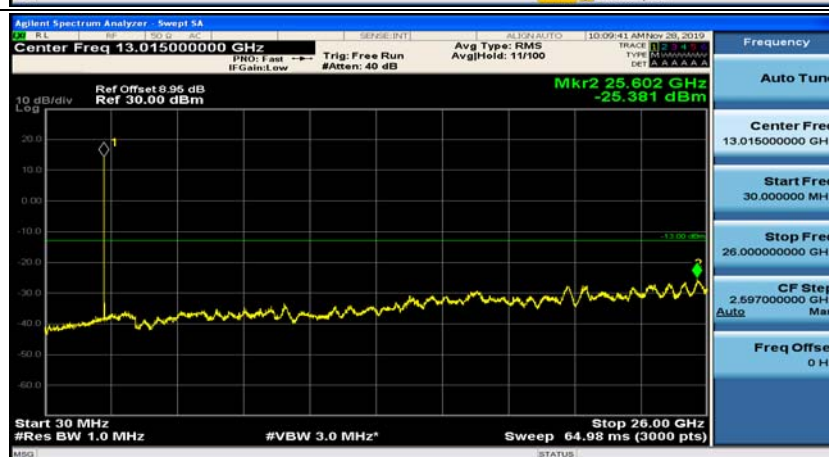
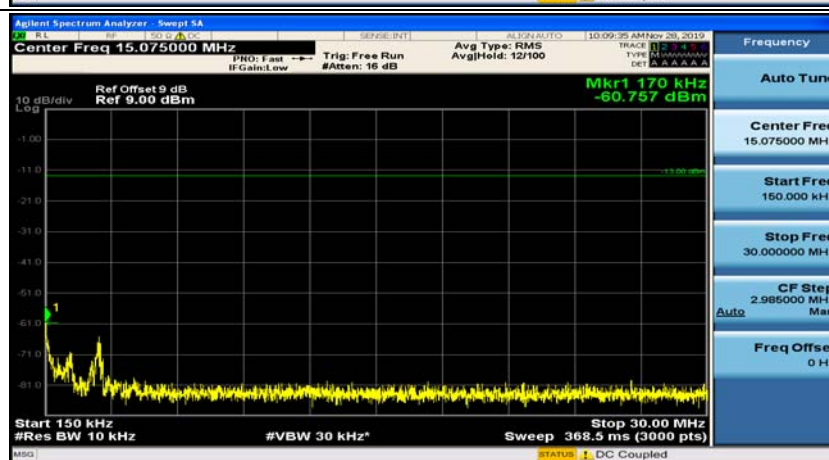
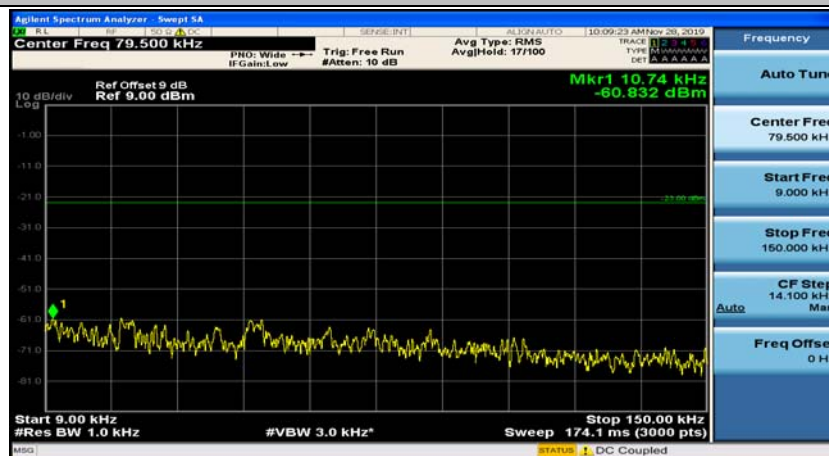


[illegible]

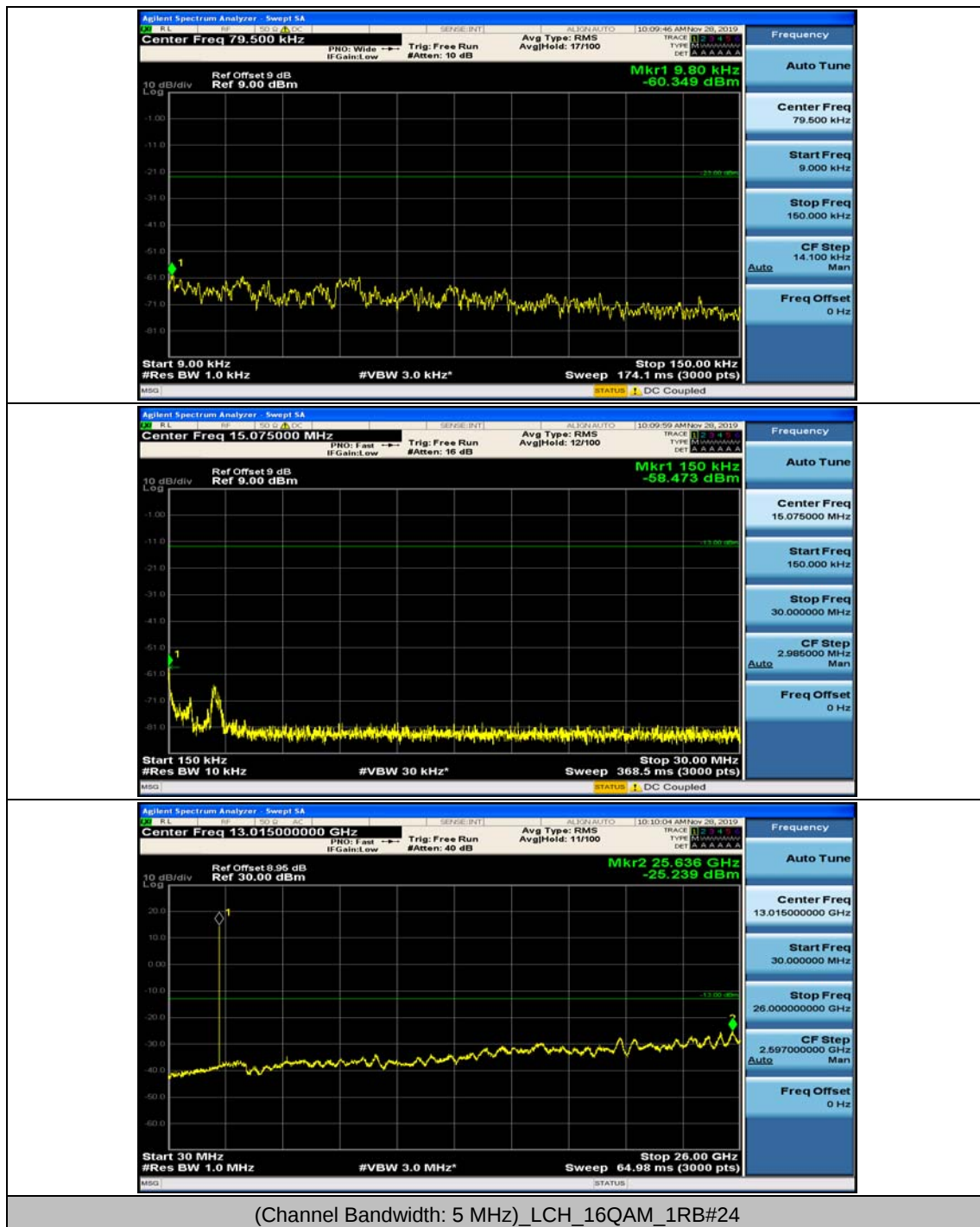


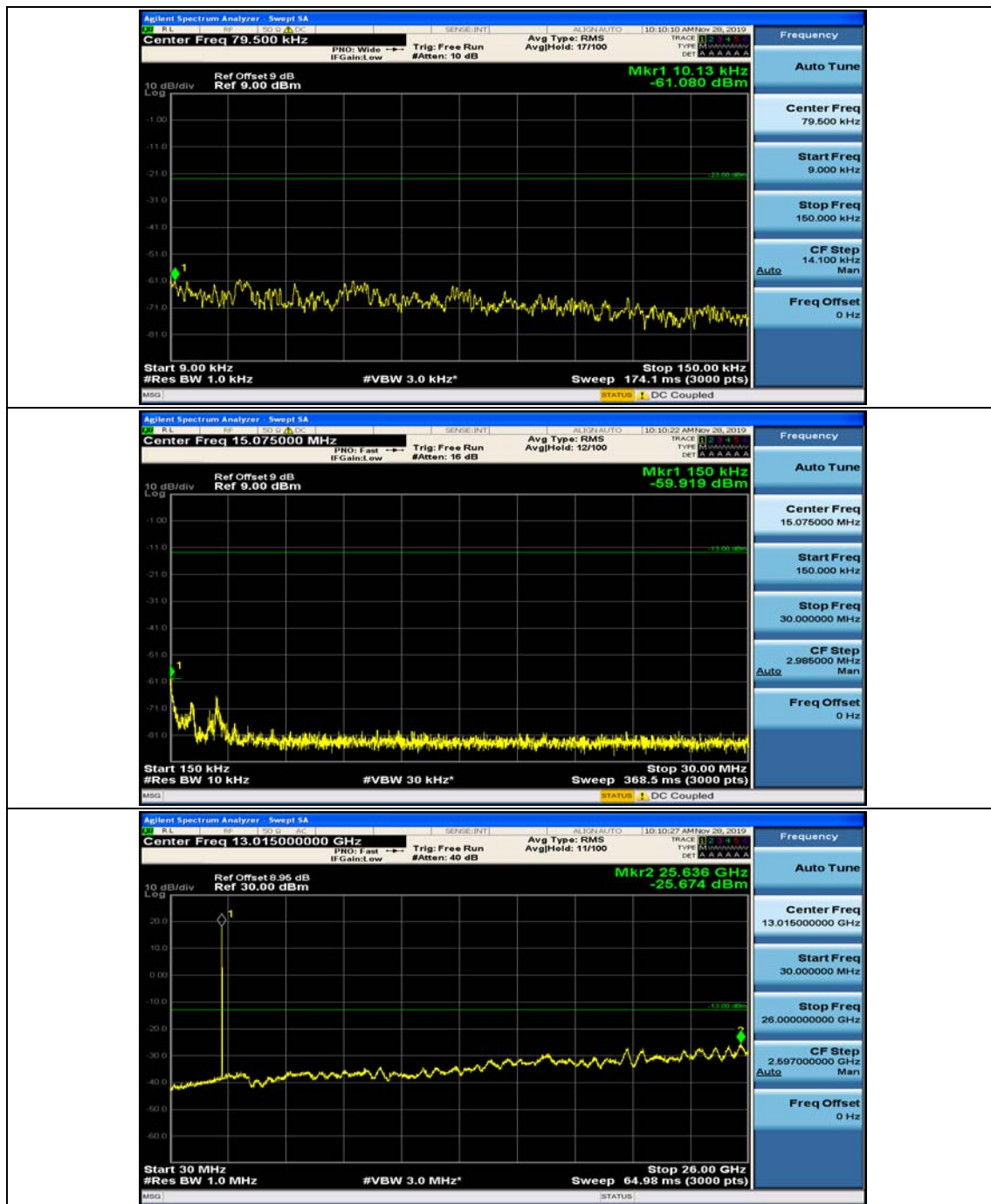


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

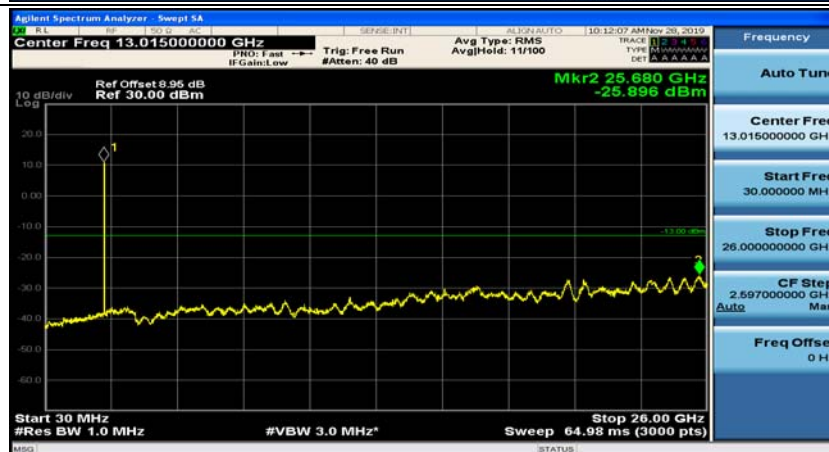
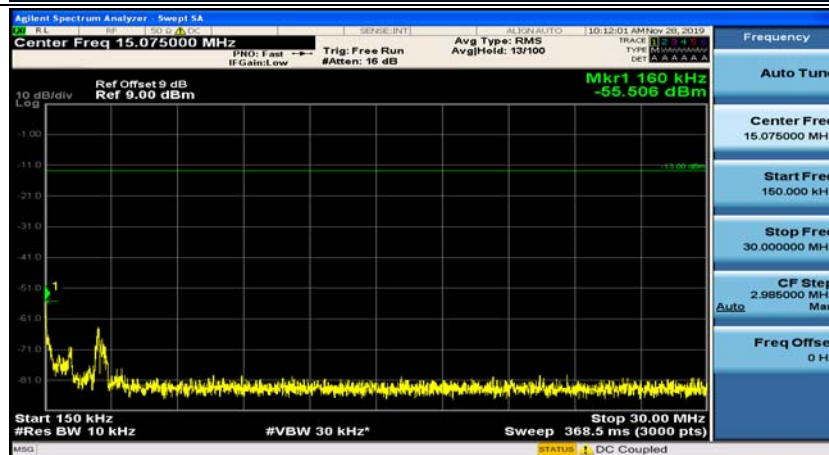
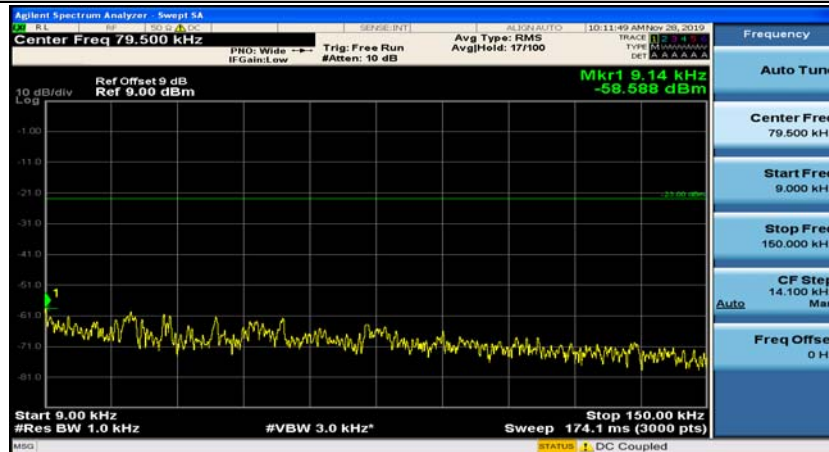


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12

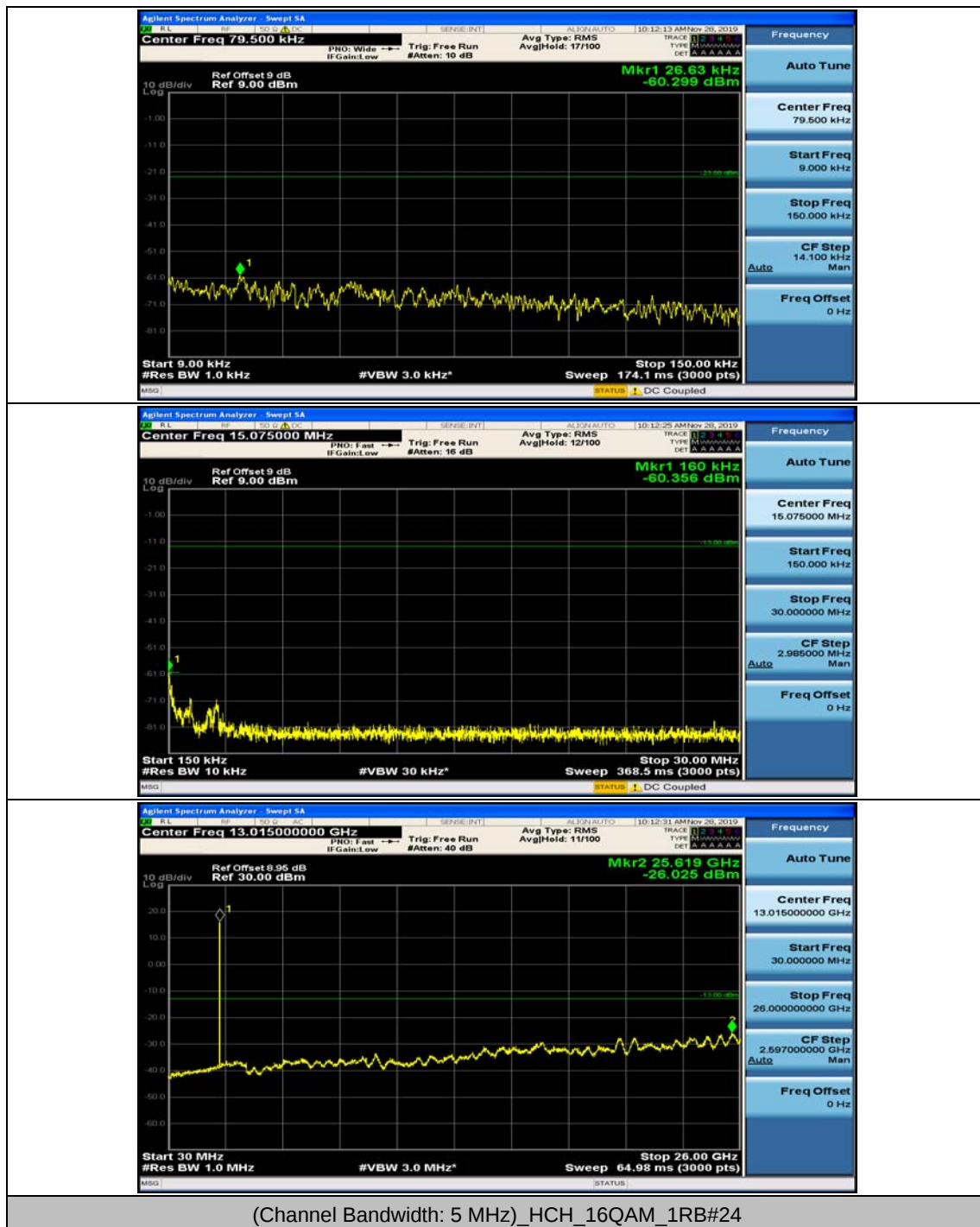


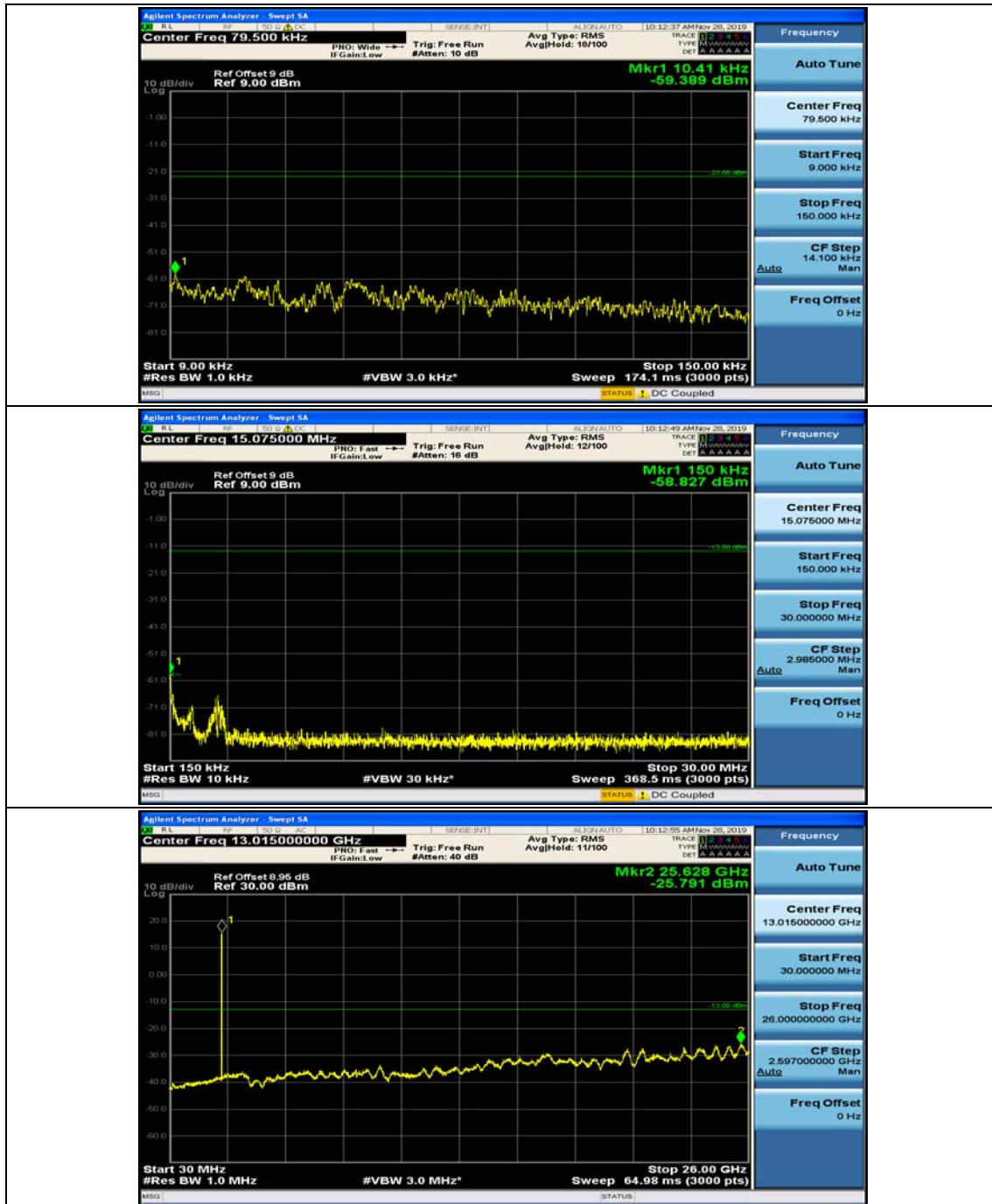


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

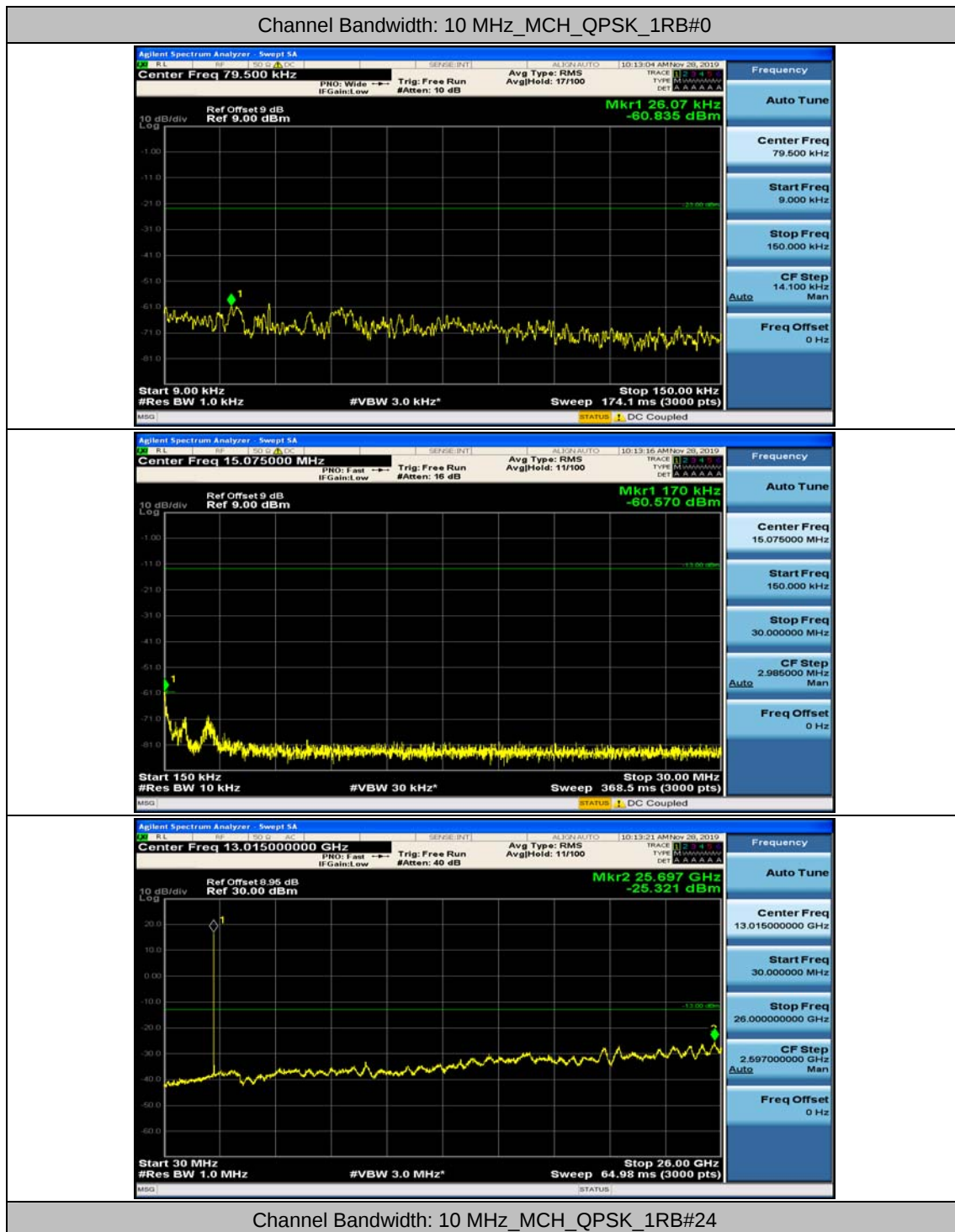


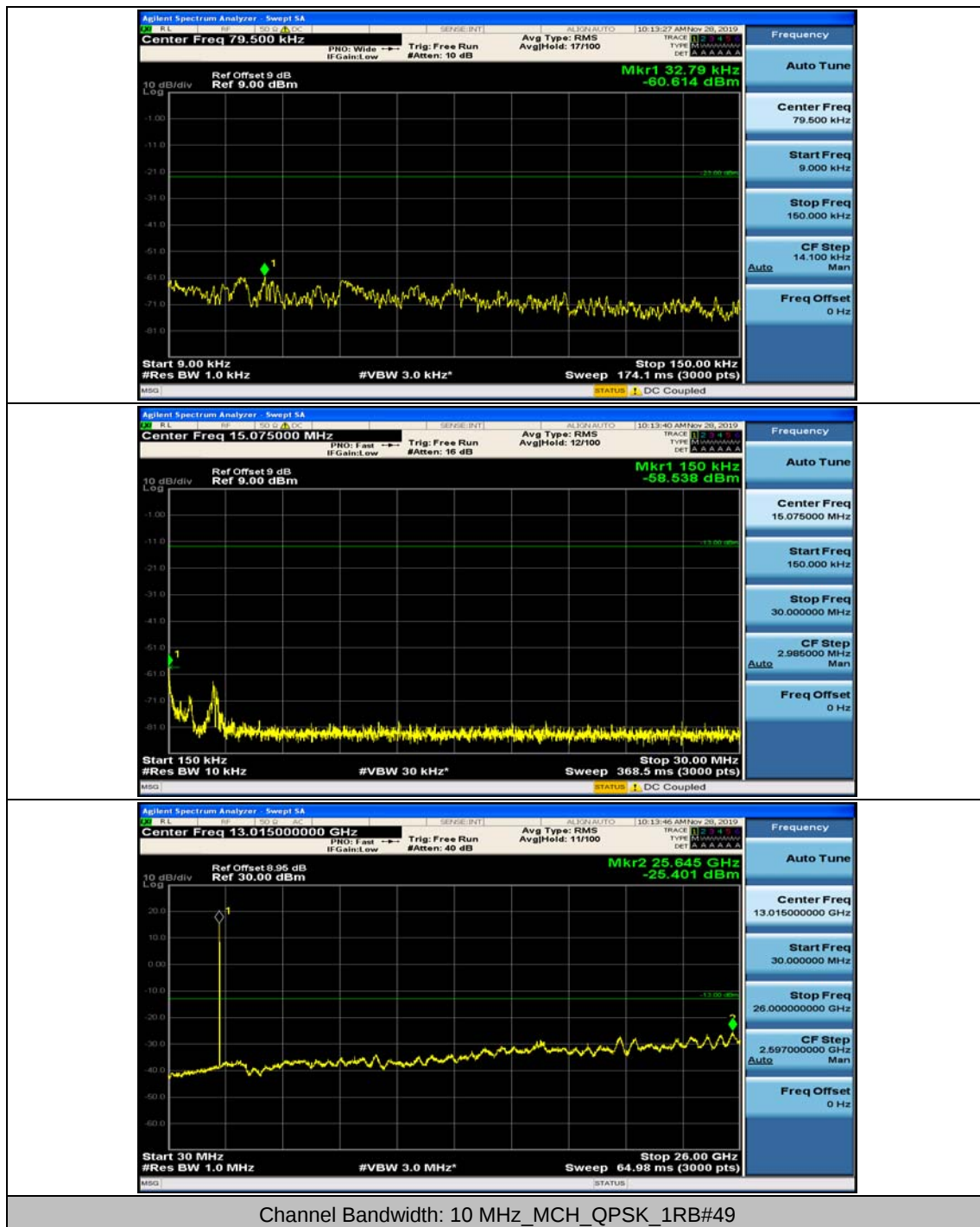
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

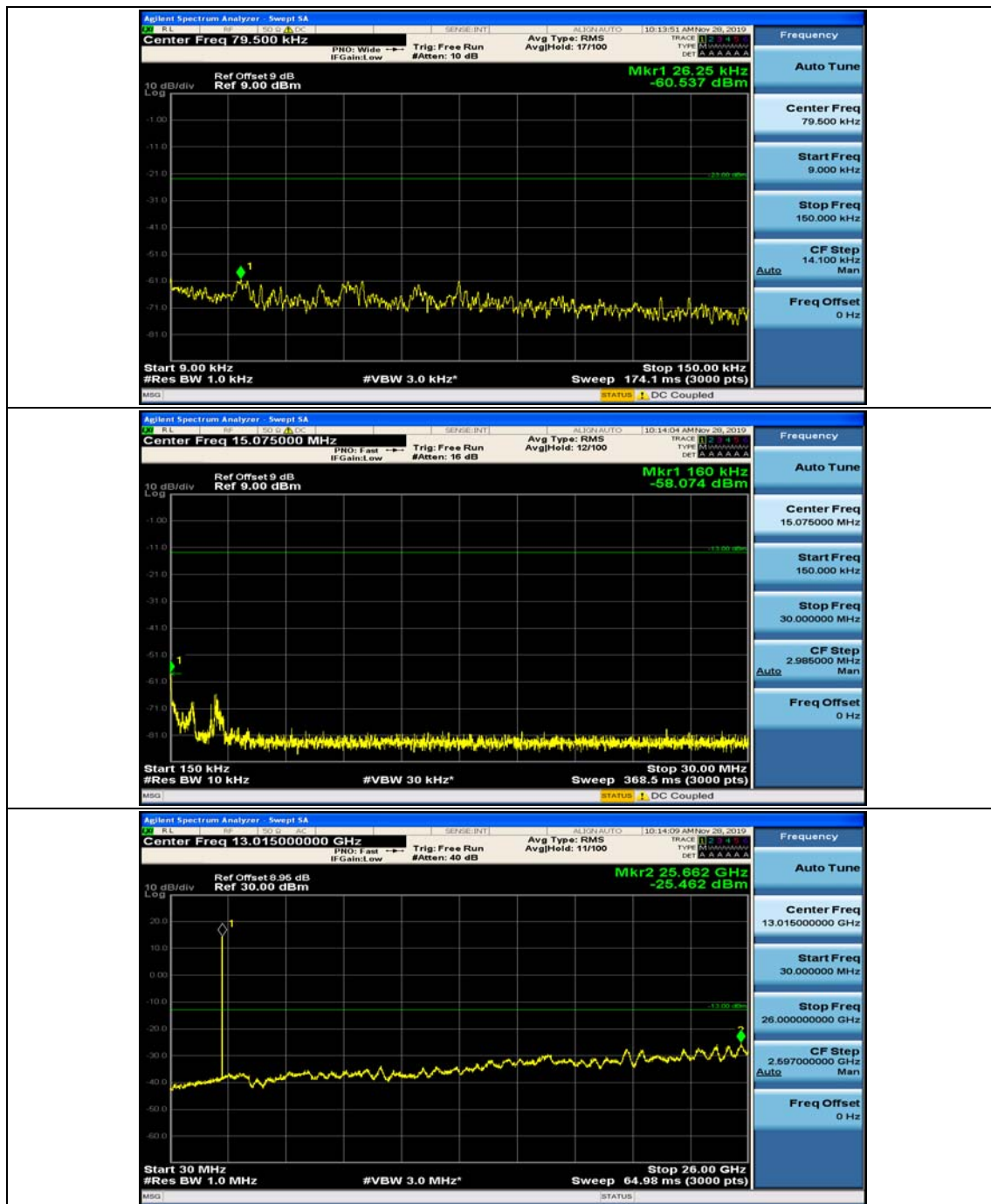




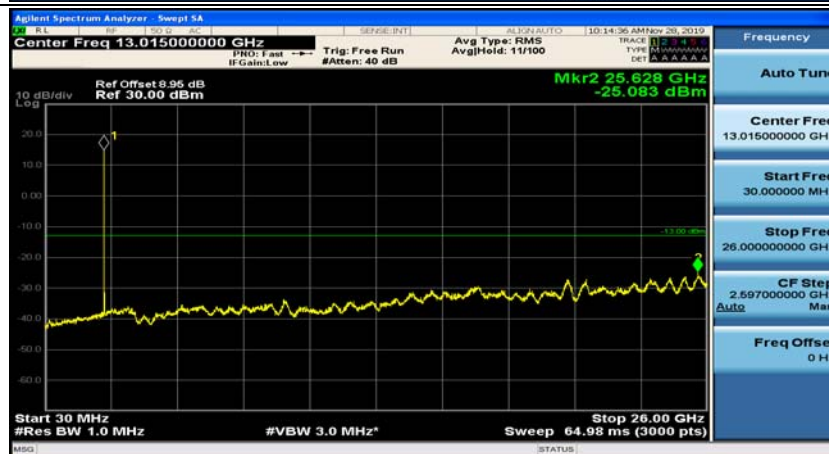
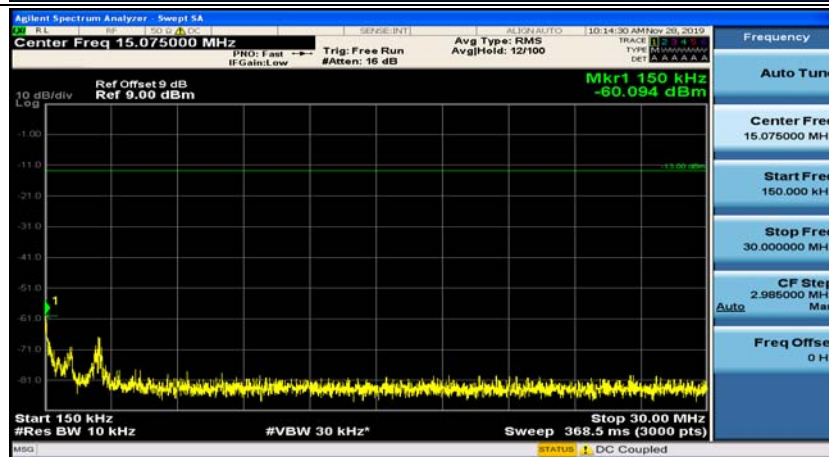
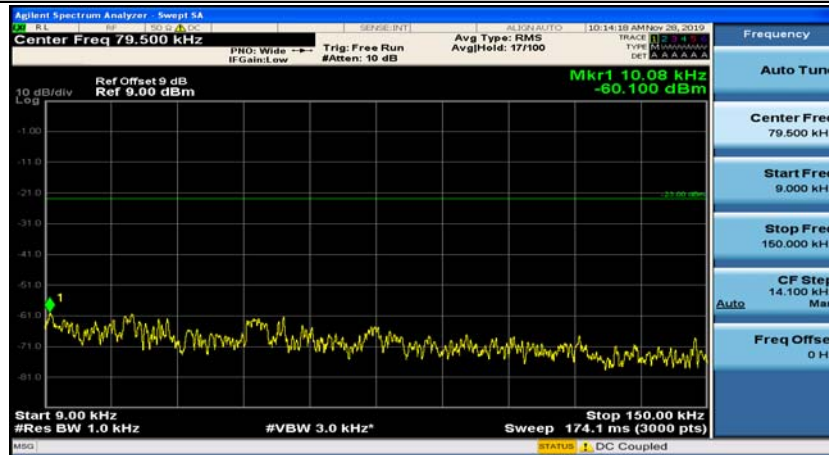
Channel Bandwidth: 10 MHz



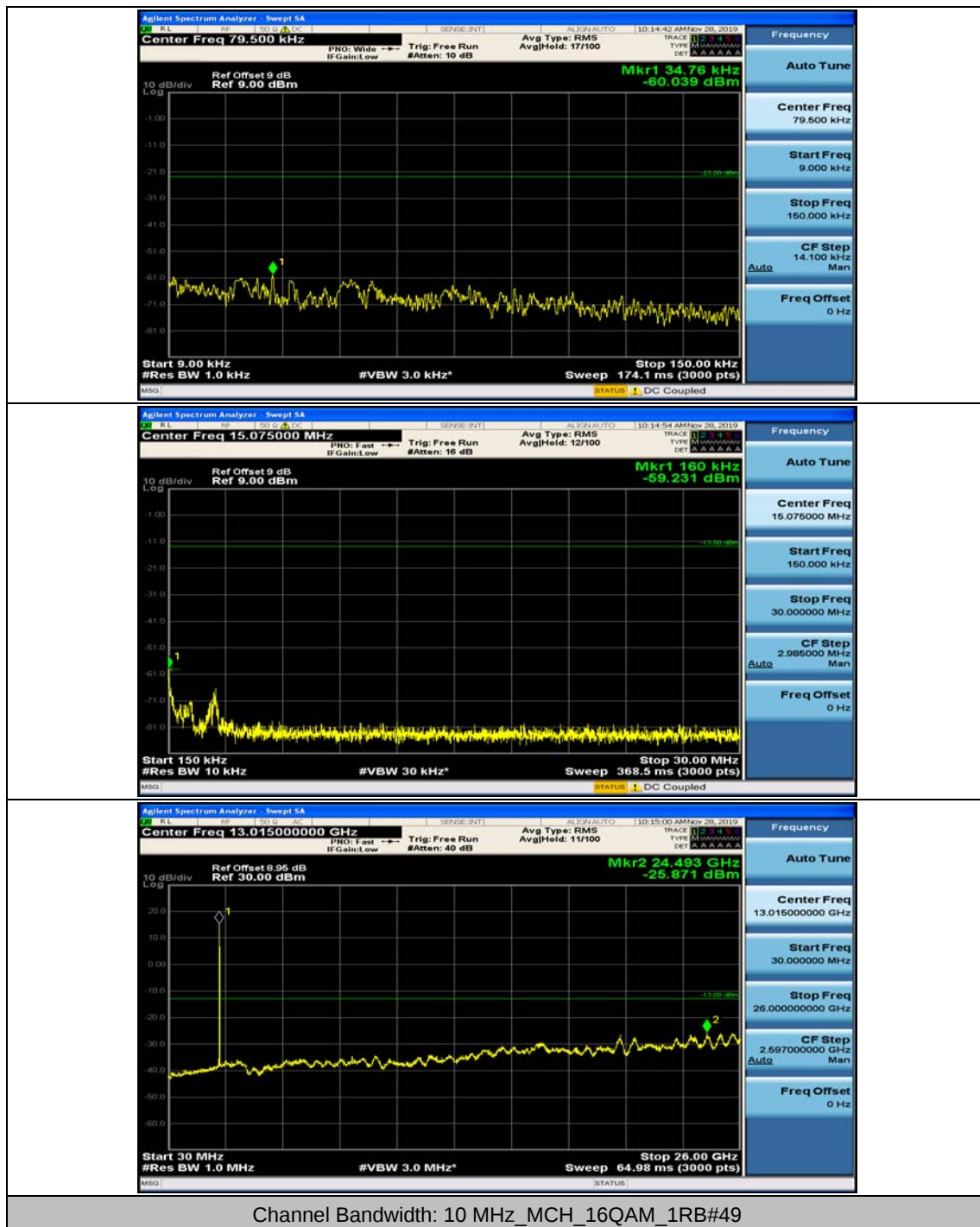


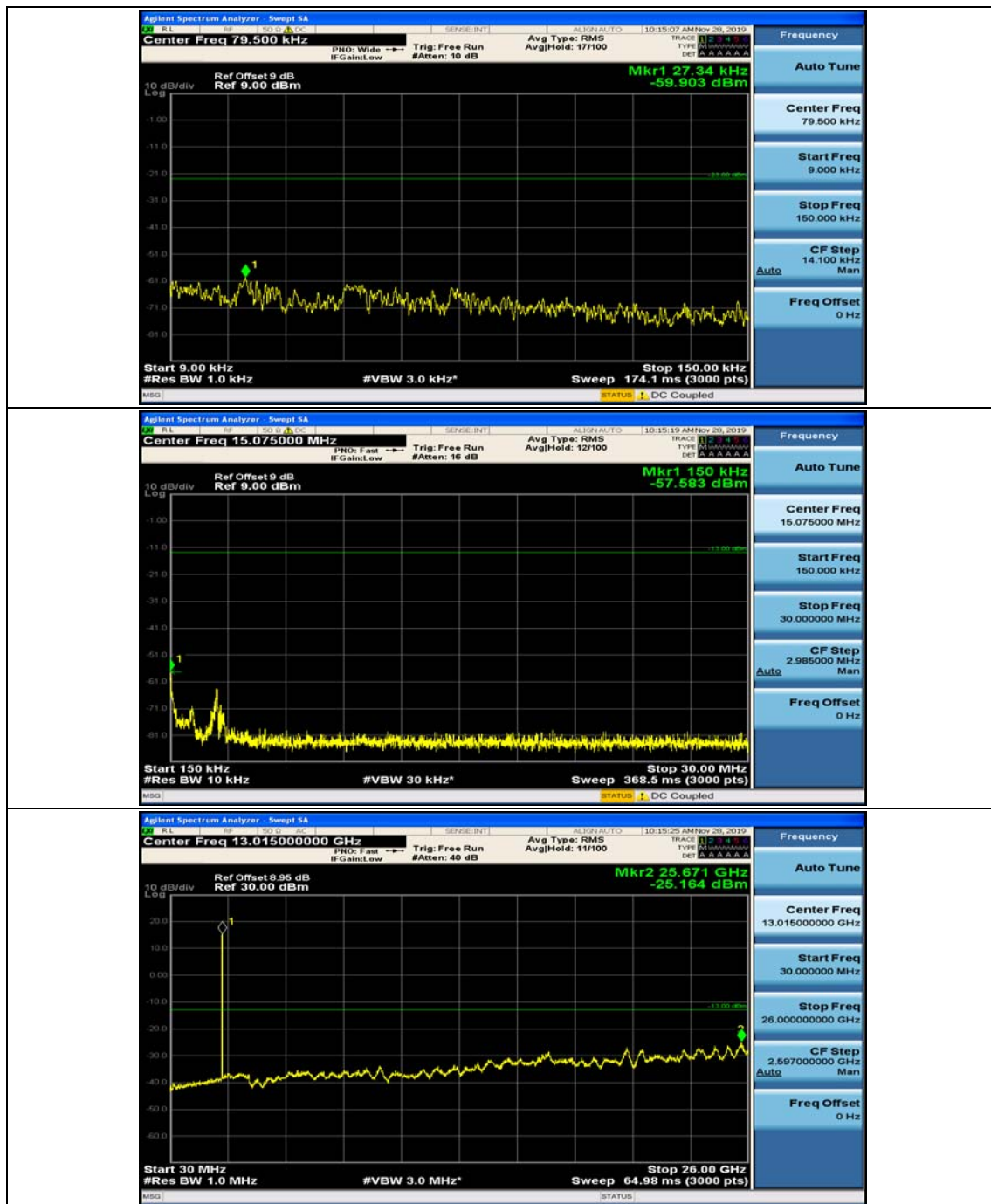


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24





Appendix F: Frequency Stability

Test Result

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	2.8	0.001190	± 2.5	PASS
		VN	TN	-1.08	-0.000459	± 2.5	PASS
		VH	TN	-1.1	-0.000468	± 2.5	PASS
	HCH	VL	TN	4.03	0.001709	± 2.5	PASS
		VN	TN	-1.69	-0.000717	± 2.5	PASS
		VH	TN	0.26	0.000110	± 2.5	PASS
16QAM	LCH	VL	TN	0.65	0.000276	± 2.5	PASS
		VN	TN	-1.85	-0.000786	± 2.5	PASS
		VH	TN	0.48	0.000204	± 2.5	PASS
	HCH	VL	TN	-0.27	-0.000115	± 2.5	PASS
		VN	TN	-1.14	-0.000484	± 2.5	PASS
		VH	TN	0.78	0.000331	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	1.81	0.000769	± 2.5	PASS
		VN	-20	2.04	0.000867	± 2.5	PASS
		VN	-10	2.36	0.001003	± 2.5	PASS
		VN	0	2.06	0.000876	± 2.5	PASS
		VN	10	2.09	0.000888	± 2.5	PASS
		VN	20	0.63	0.000268	± 2.5	PASS
		VN	30	1.04	0.000442	± 2.5	PASS
		VN	40	-1.38	-0.000587	± 2.5	PASS
		VN	50	0.58	0.000247	± 2.5	PASS
	HCH	VN	-30	3.19	0.001353	± 2.5	PASS
		VN	-20	1.07	0.000454	± 2.5	PASS
		VN	-10	-0.42	-0.000178	± 2.5	PASS
		VN	0	0.42	0.000178	± 2.5	PASS
		VN	10	-0.5	-0.000212	± 2.5	PASS
		VN	20	-1.17	-0.000496	± 2.5	PASS
VN		30	-0.84	-0.000356	± 2.5	PASS	
VN	40	3.02	0.001281	± 2.5	PASS		

		VN	50	1.41	0.000598	± 2.5	PASS
16QAM	LCH	VN	-30	-1.24	-0.000527	± 2.5	PASS
		VN	-20	-1.94	-0.000825	± 2.5	PASS
		VN	-10	-1.29	-0.000548	± 2.5	PASS
		VN	0	0.92	0.000391	± 2.5	PASS
		VN	10	-1.39	-0.000591	± 2.5	PASS
		VN	20	2.11	0.000897	± 2.5	PASS
		VN	30	1.35	0.000574	± 2.5	PASS
		VN	40	-1.74	-0.000740	± 2.5	PASS
		VN	50	4.92	0.002091	± 2.5	PASS
	HCH	VN	-30	-1.7	-0.000721	± 2.5	PASS
		VN	-20	1.32	0.000560	± 2.5	PASS
		VN	-10	-1.5	-0.000636	± 2.5	PASS
		VN	0	4.47	0.001896	± 2.5	PASS
		VN	10	-1.08	-0.000458	± 2.5	PASS
		VN	20	-1.85	-0.000785	± 2.5	PASS
		VN	30	3.71	0.001574	± 2.5	PASS
		VN	40	-1.28	-0.000543	± 2.5	PASS
		VN	50	4.88	0.002070	± 2.5	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	MCH	VL	TN	2.85	0.001210	± 2.5	PASS
		VN	TN	-0.49	-0.000208	± 2.5	PASS
		VH	TN	-0.28	-0.000119	± 2.5	PASS
16QAM	MCH	VL	TN	1.51	0.000641	± 2.5	PASS
		VN	TN	1.02	0.000433	± 2.5	PASS
		VH	TN	2.63	0.001117	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
16QAM	MCH	VN	-30	1.24	0.000527	± 2.5	PASS
		VN	-20	0.65	0.000276	± 2.5	PASS
		VN	-10	-0.88	-0.000374	± 2.5	PASS
		VN	0	2.22	0.000943	± 2.5	PASS
		VN	10	4.97	0.002110	± 2.5	PASS
		VN	20	4.01	0.001703	± 2.5	PASS
		VN	30	4.73	0.002008	± 2.5	PASS

		VN	40	2.4	0.001019	± 2.5	PASS
		VN	50	1.73	0.000735	± 2.5	PASS
QPSK	MCH	VN	-30	1.31	0.000556	± 2.5	PASS
		VN	-20	2.75	0.001168	± 2.5	PASS
		VN	-10	2.33	0.000989	± 2.5	PASS
		VN	0	-0.71	-0.000301	± 2.5	PASS
		VN	10	-0.96	-0.000408	± 2.5	PASS
		VN	20	-0.61	-0.000259	± 2.5	PASS
		VN	30	4.87	0.002068	± 2.5	PASS
		VN	40	-1.46	-0.000620	± 2.5	PASS
		VN	50	4.33	0.001839	± 2.5	PASS