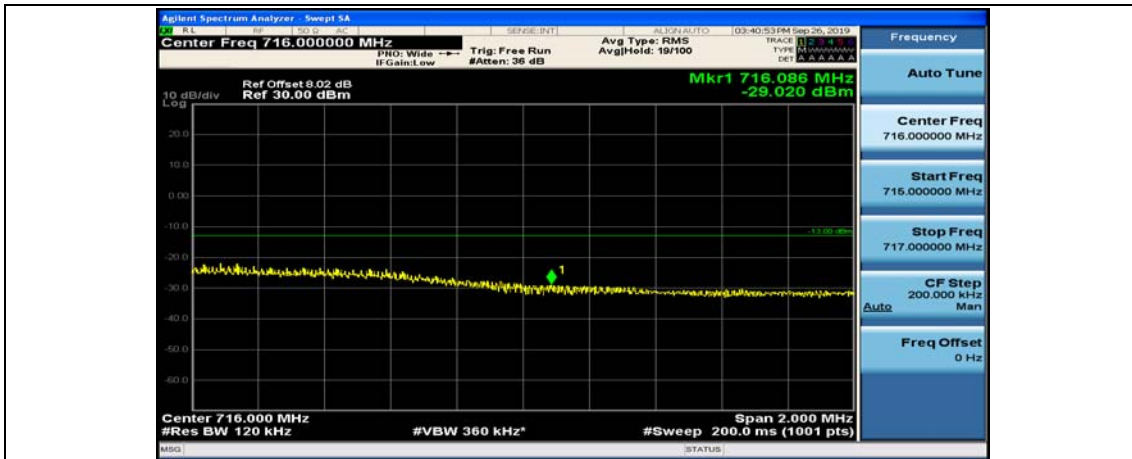
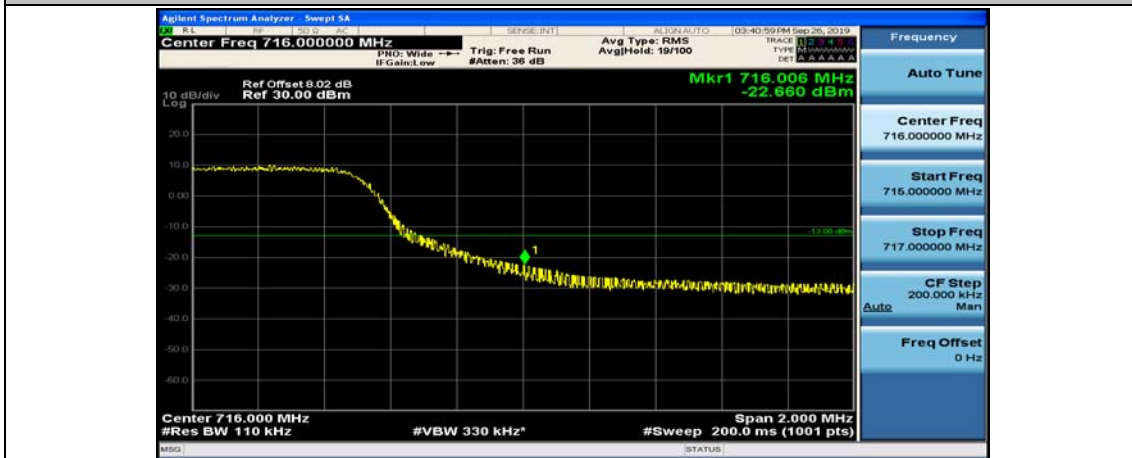
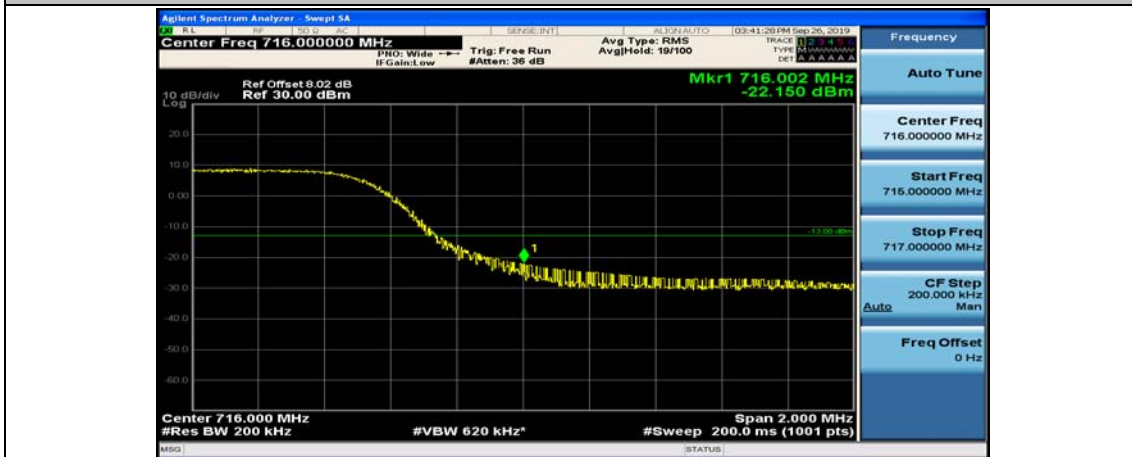




Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25



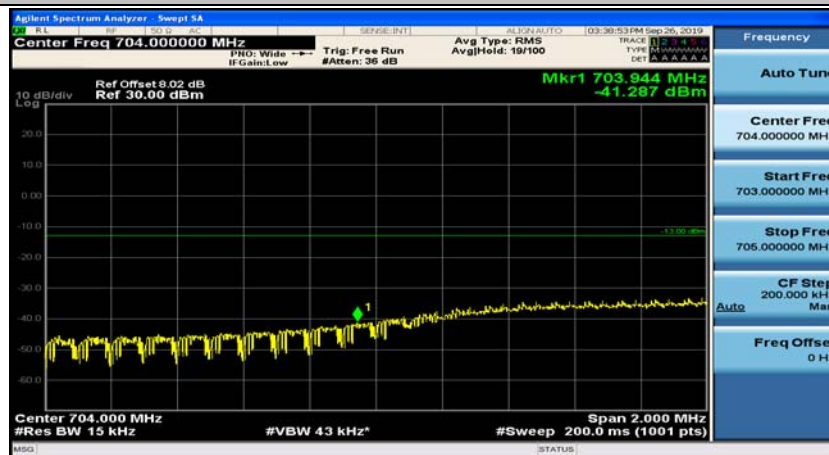
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



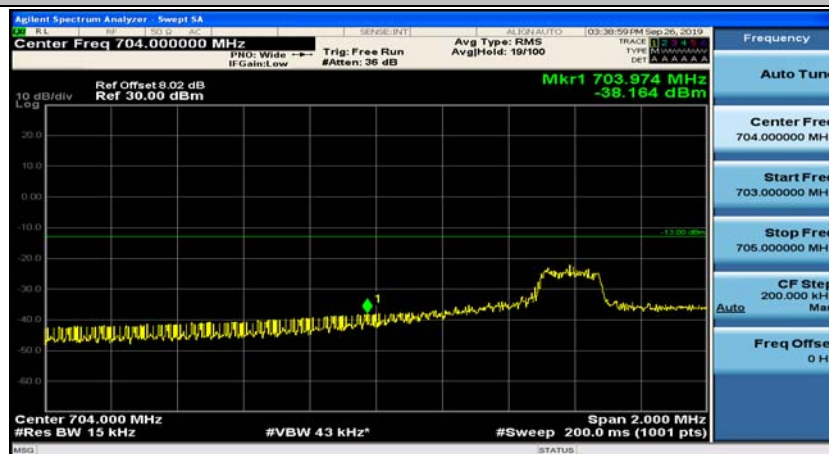
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



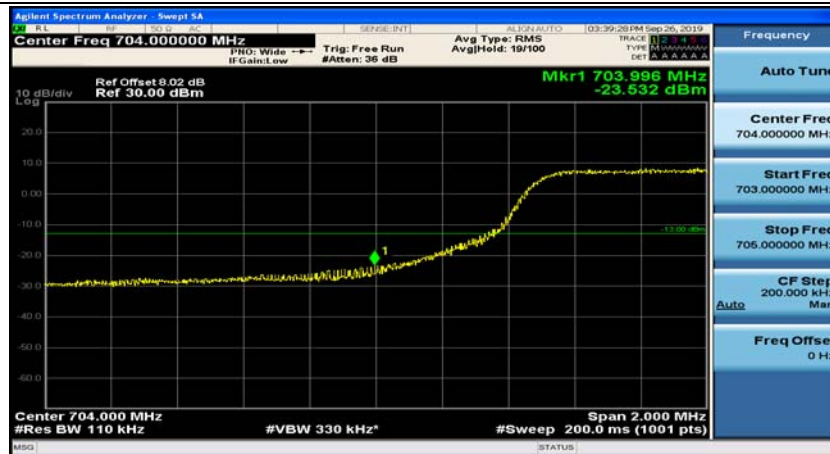
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



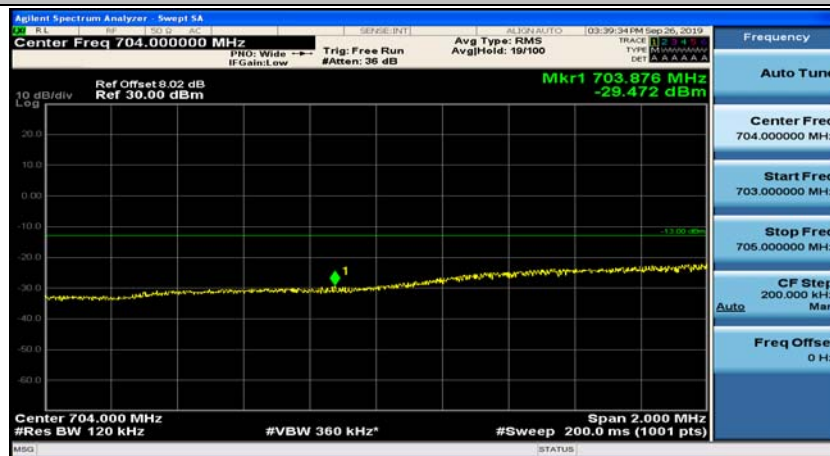
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0



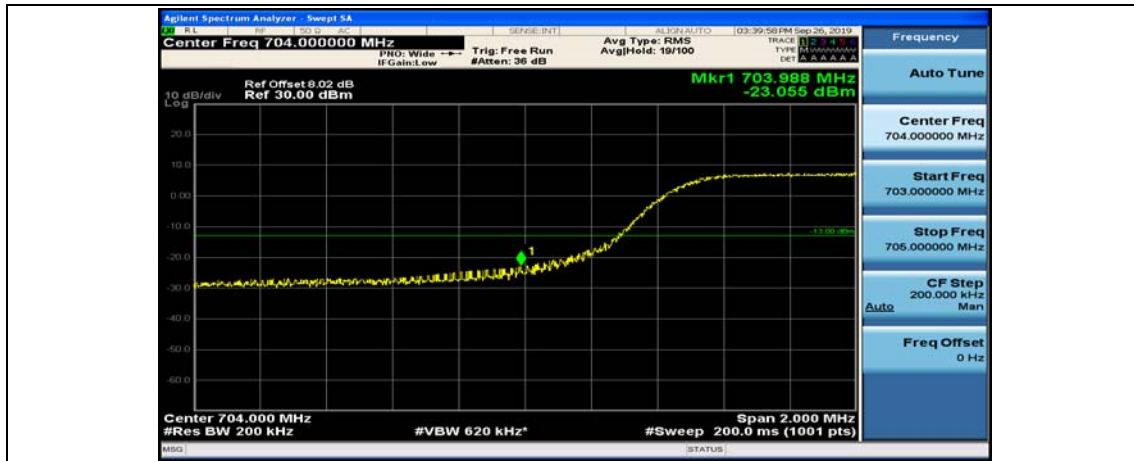
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#12



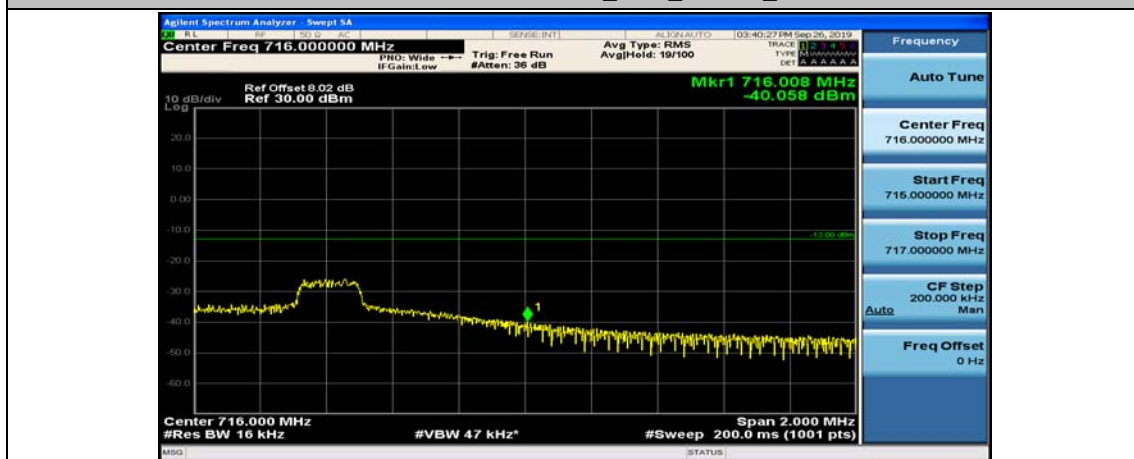
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#25



Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



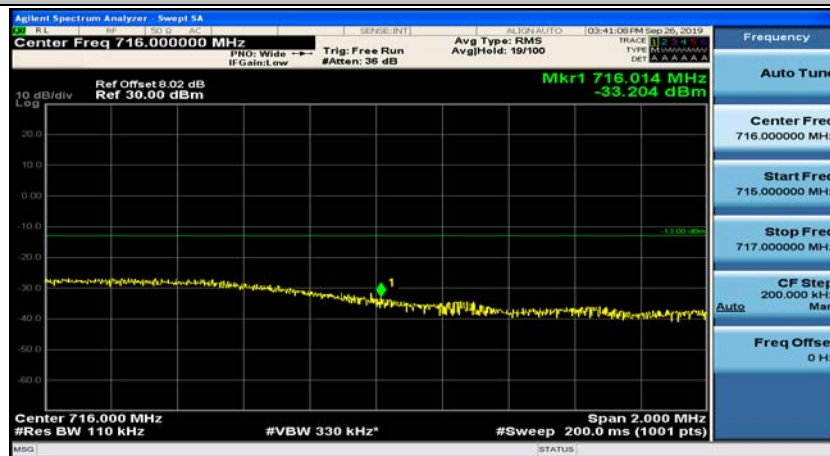
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



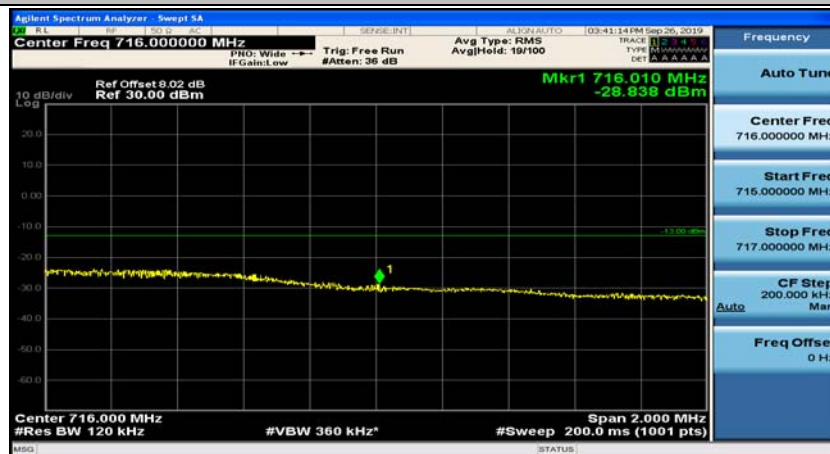
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49



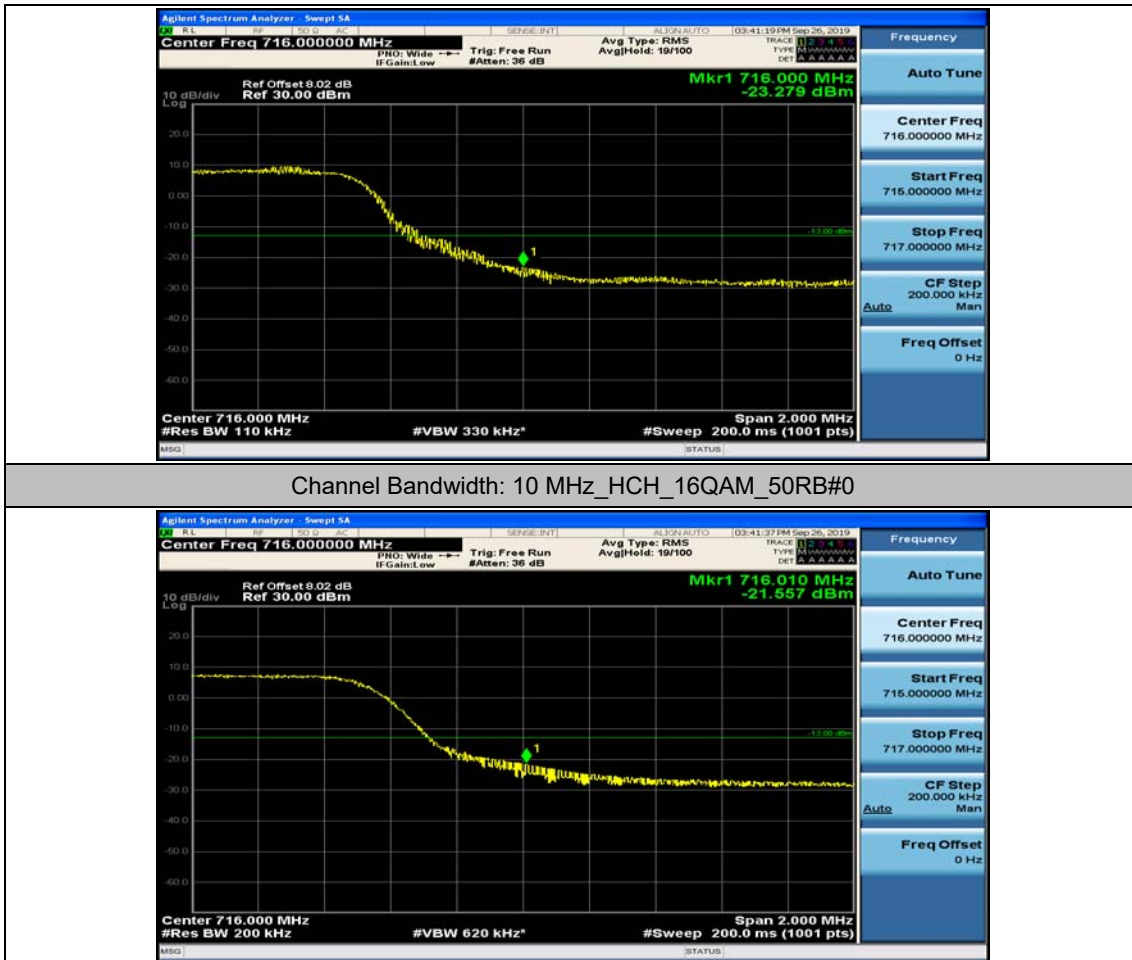
Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#25

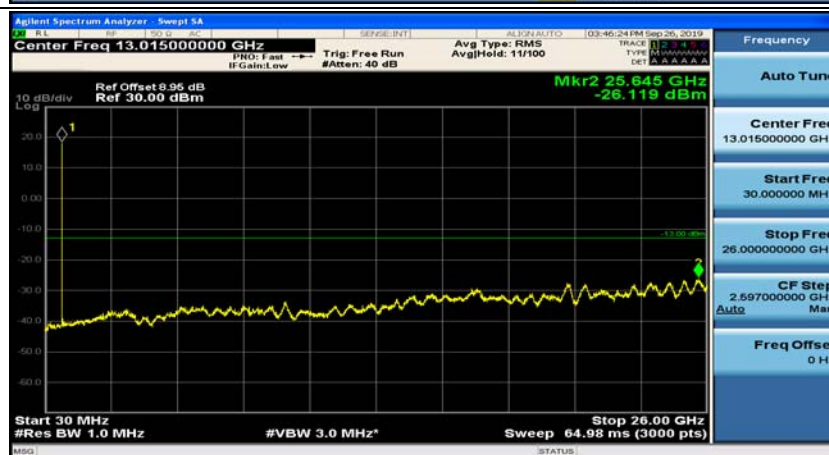
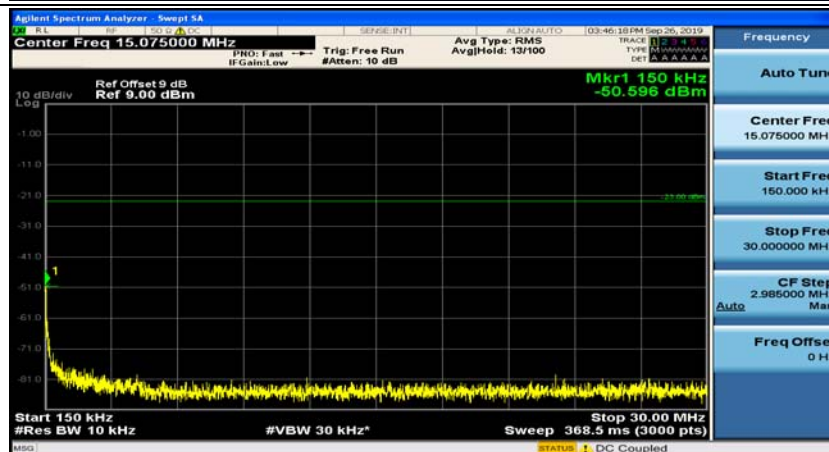
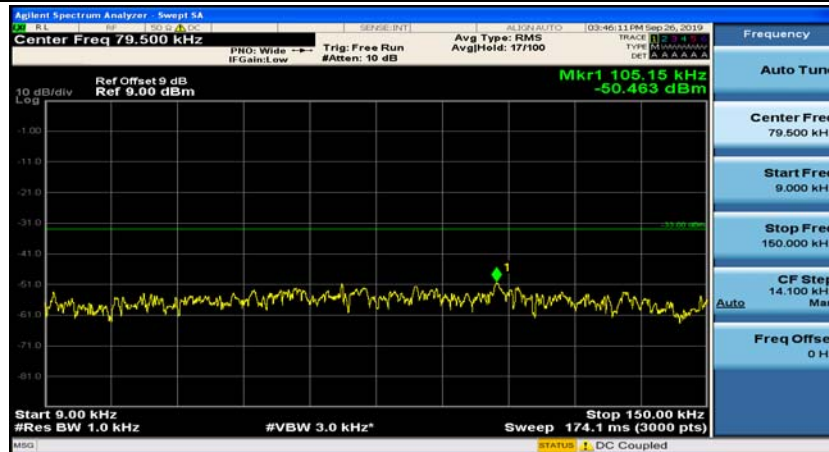


Appendix E: Conducted Spurious Emission

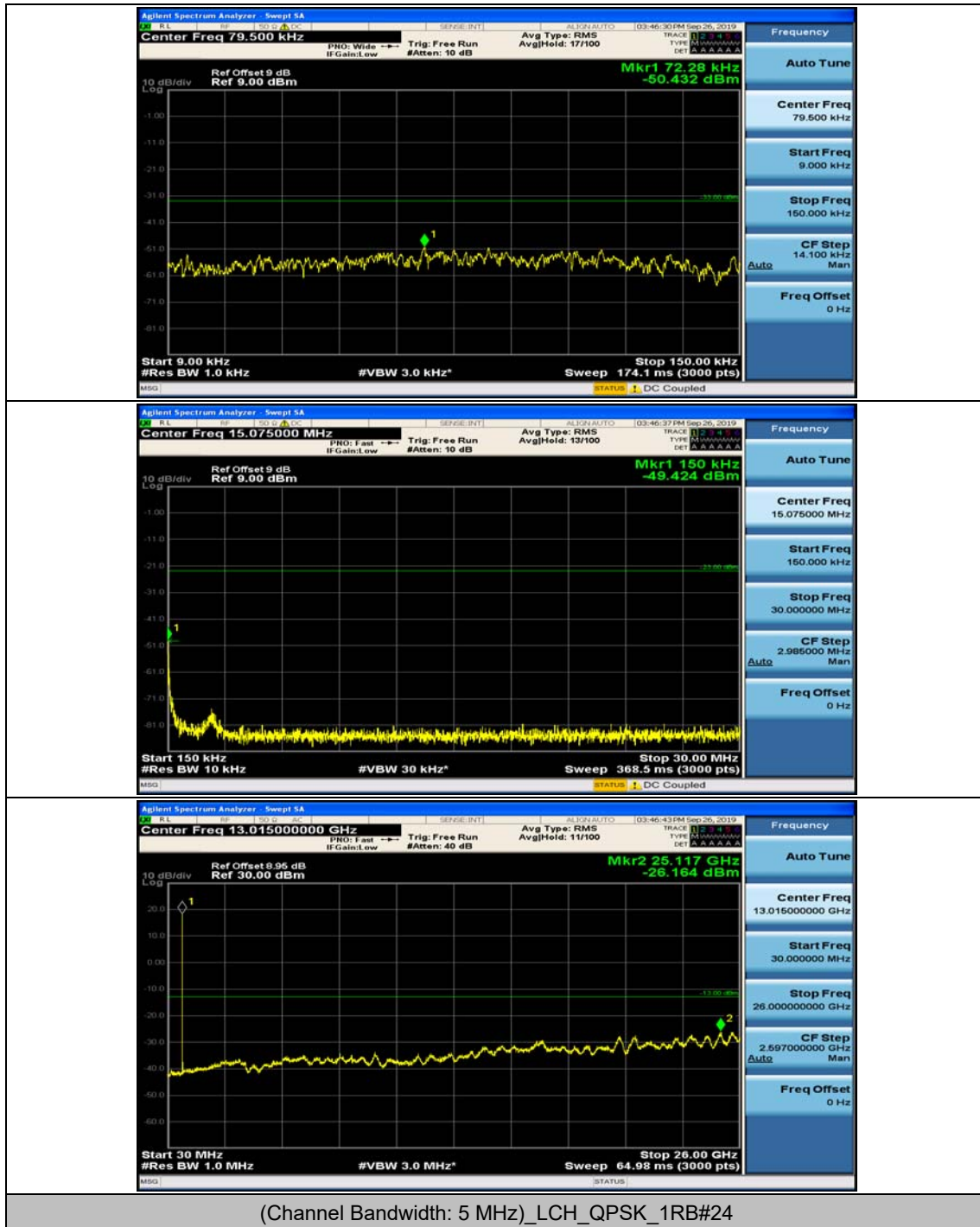
Test Graphs

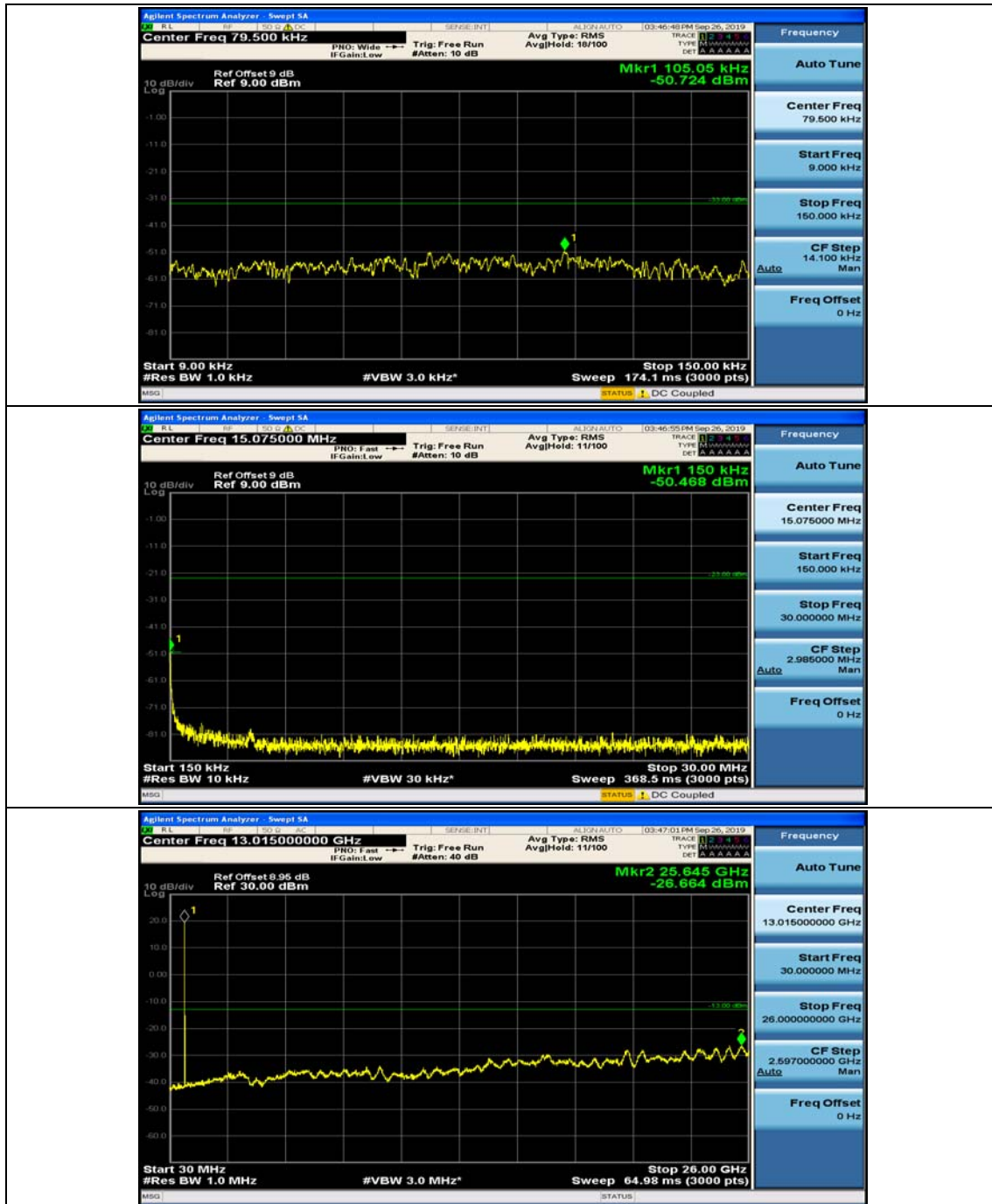
Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0

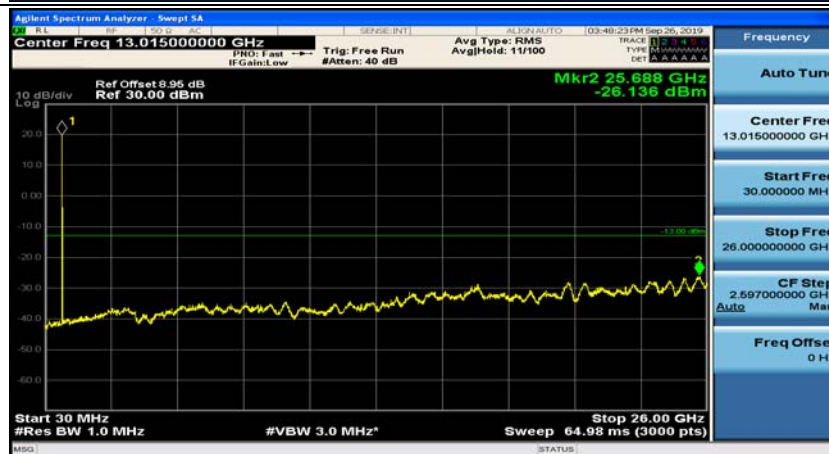
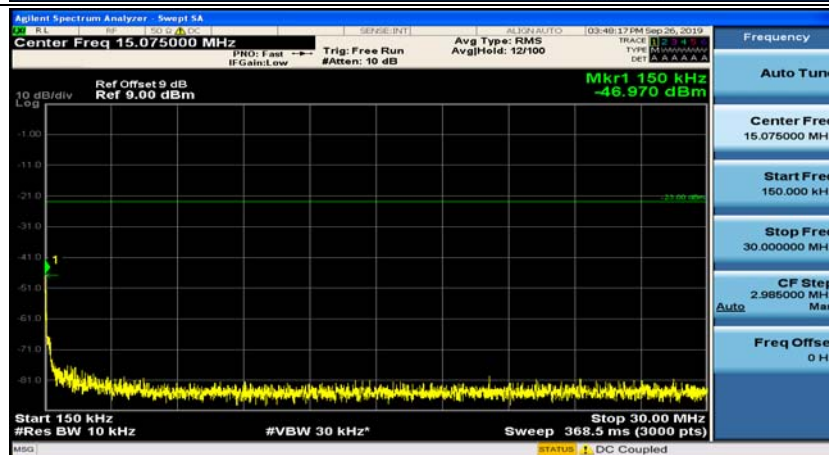
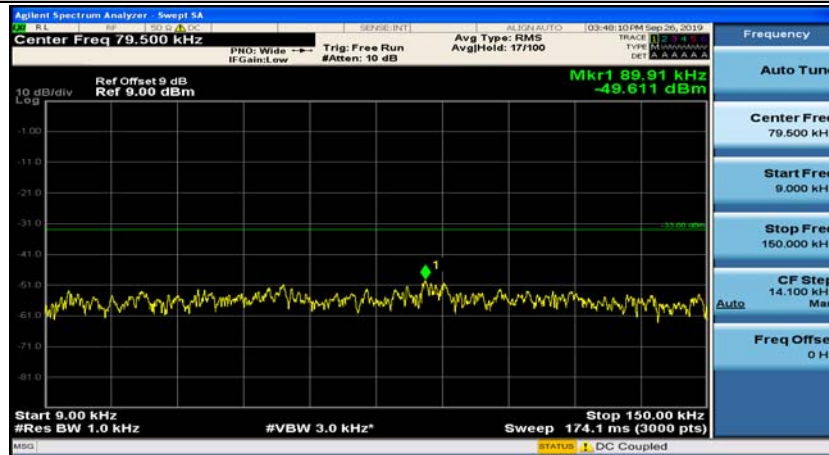


(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12

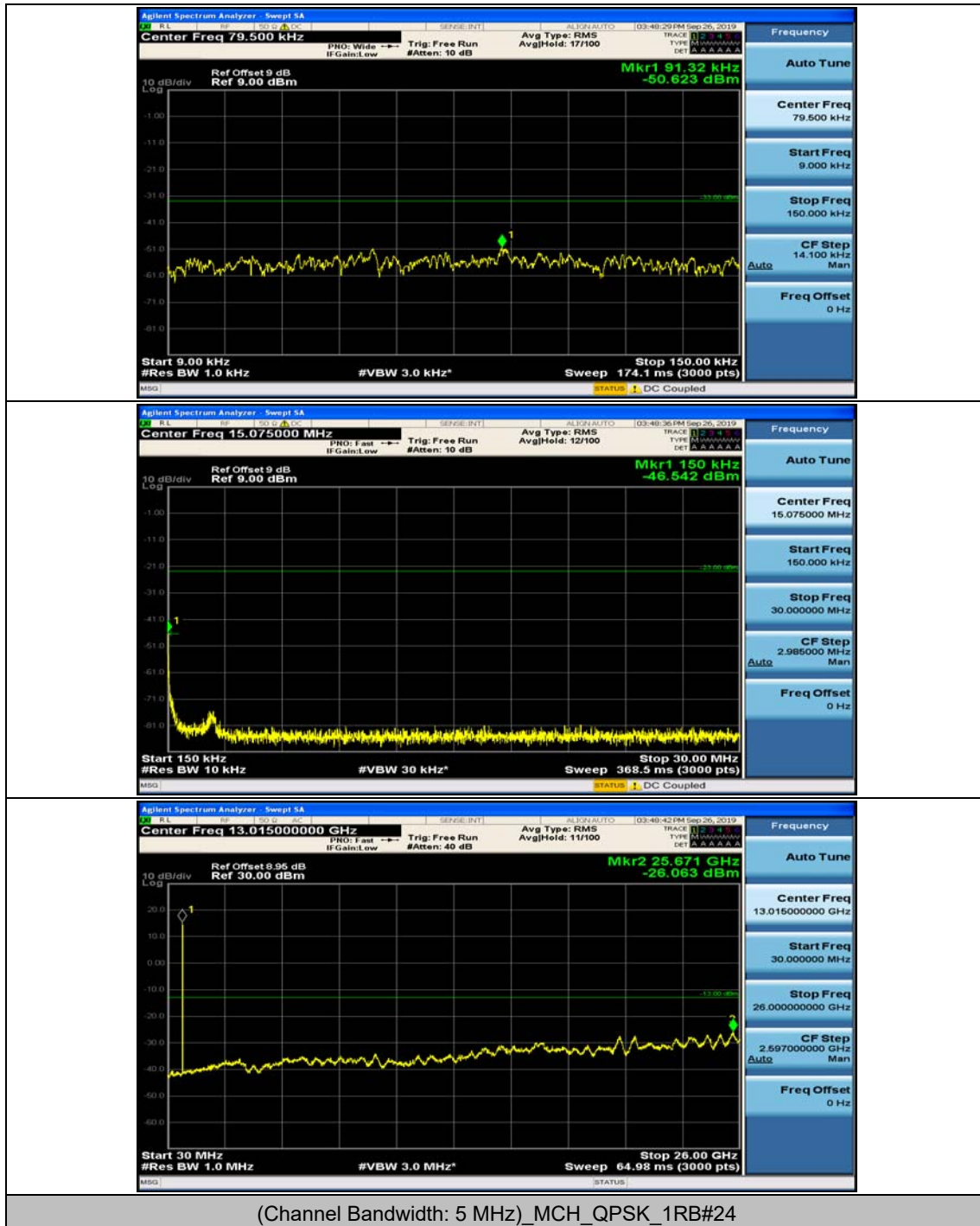


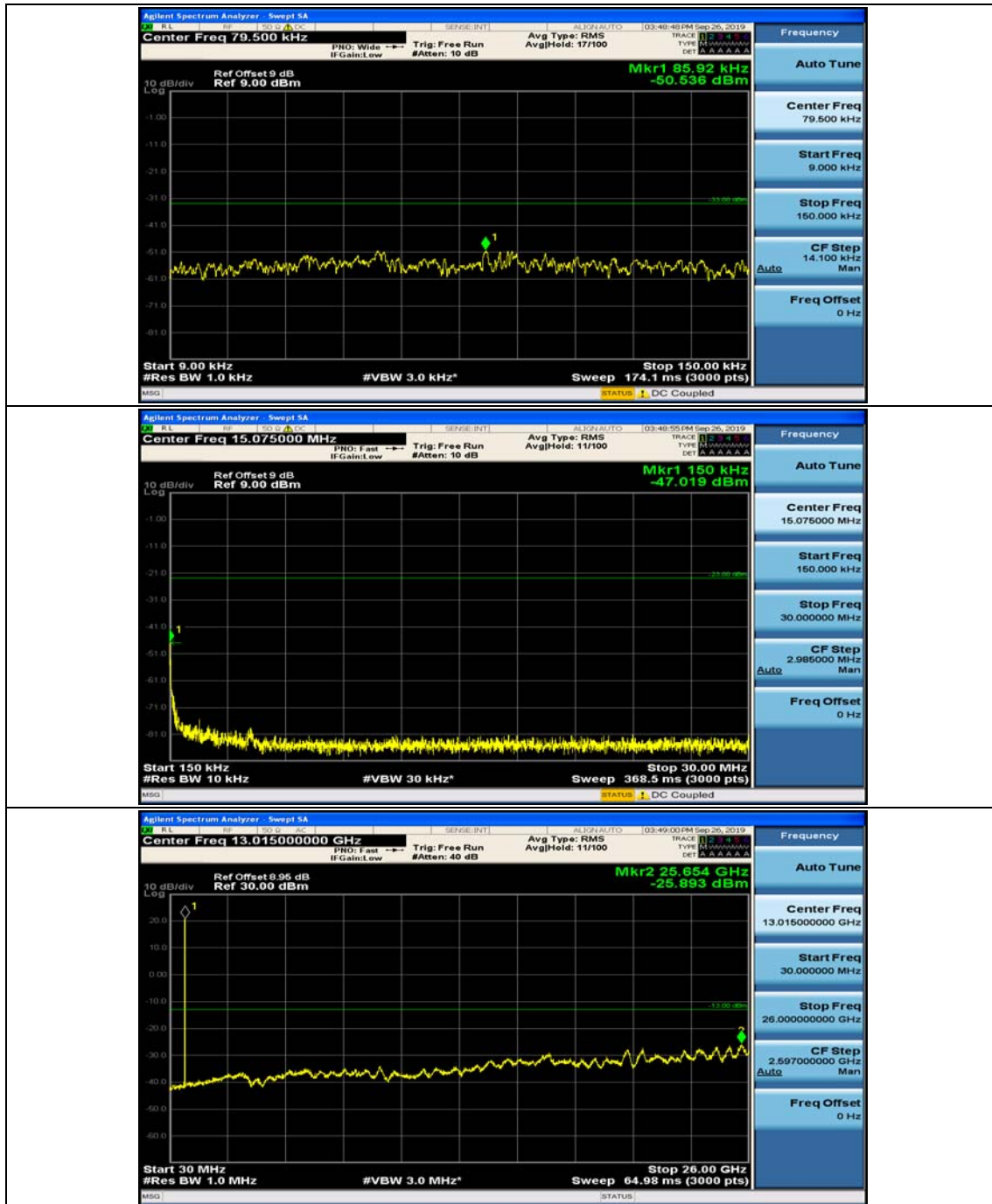


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

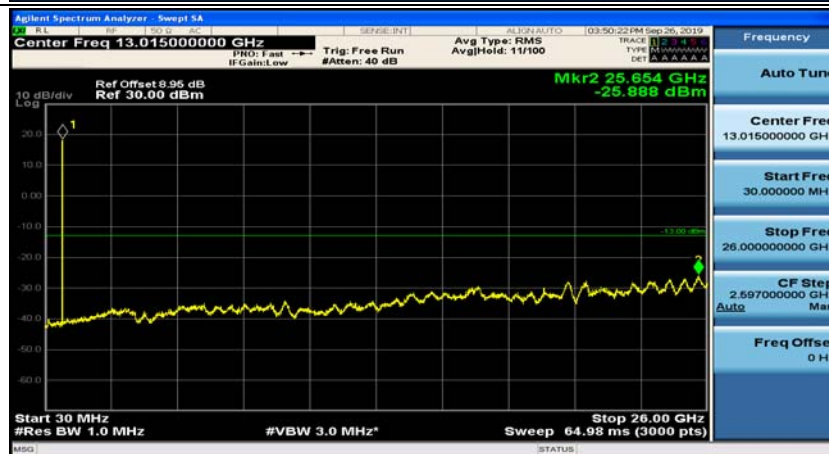
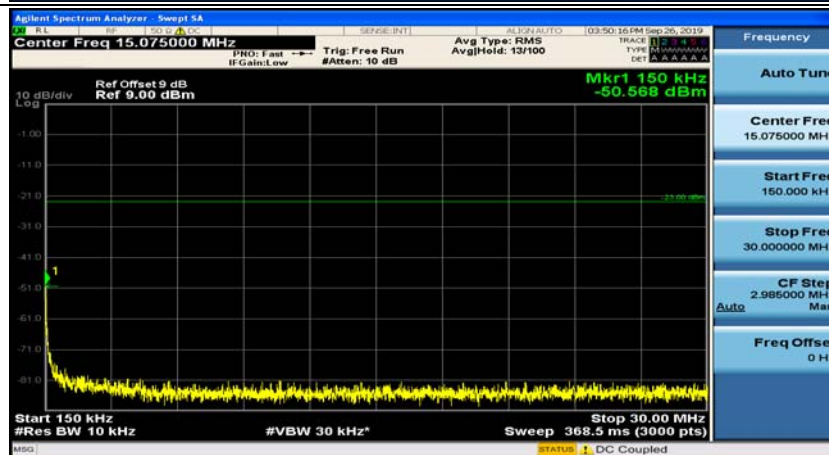


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

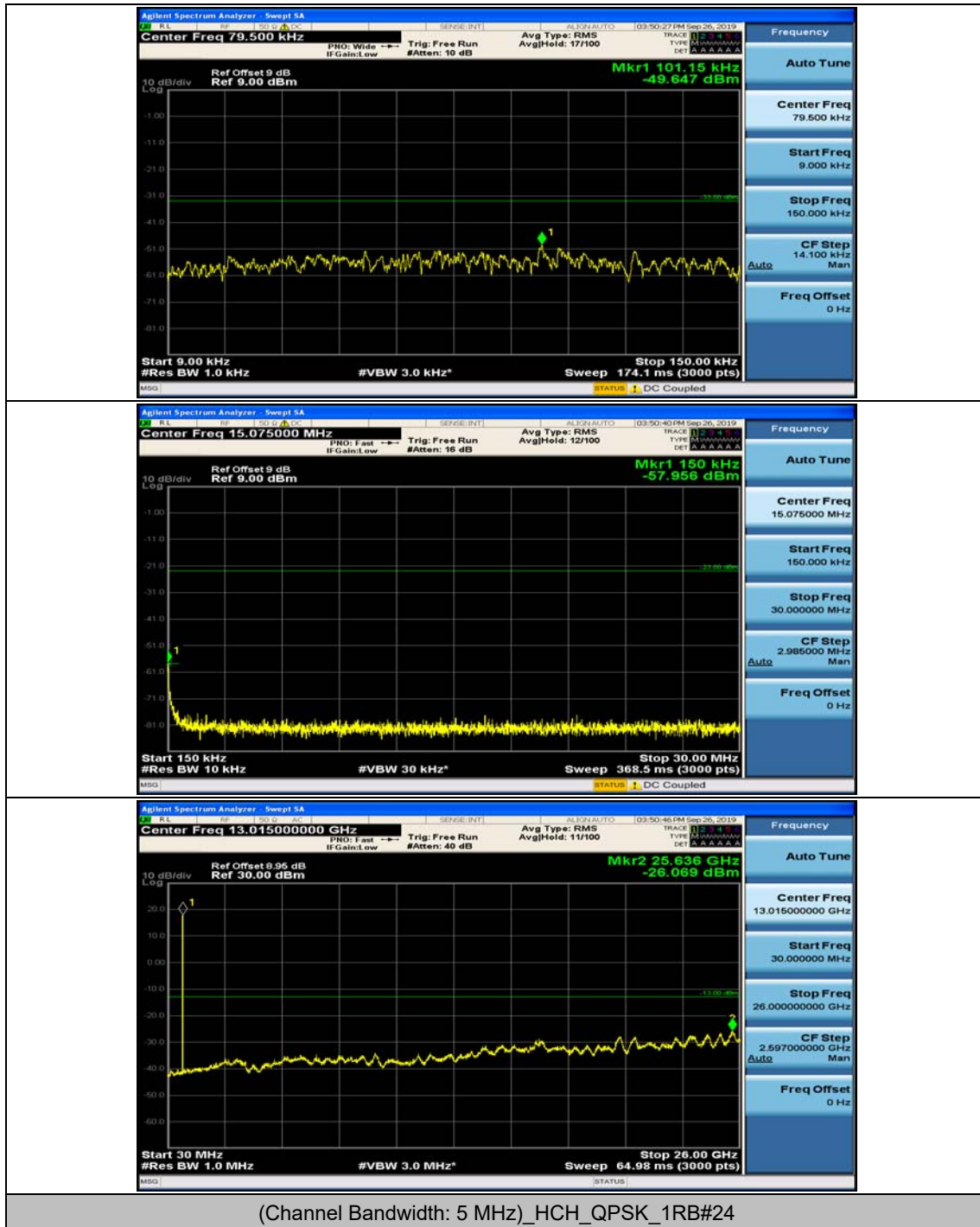


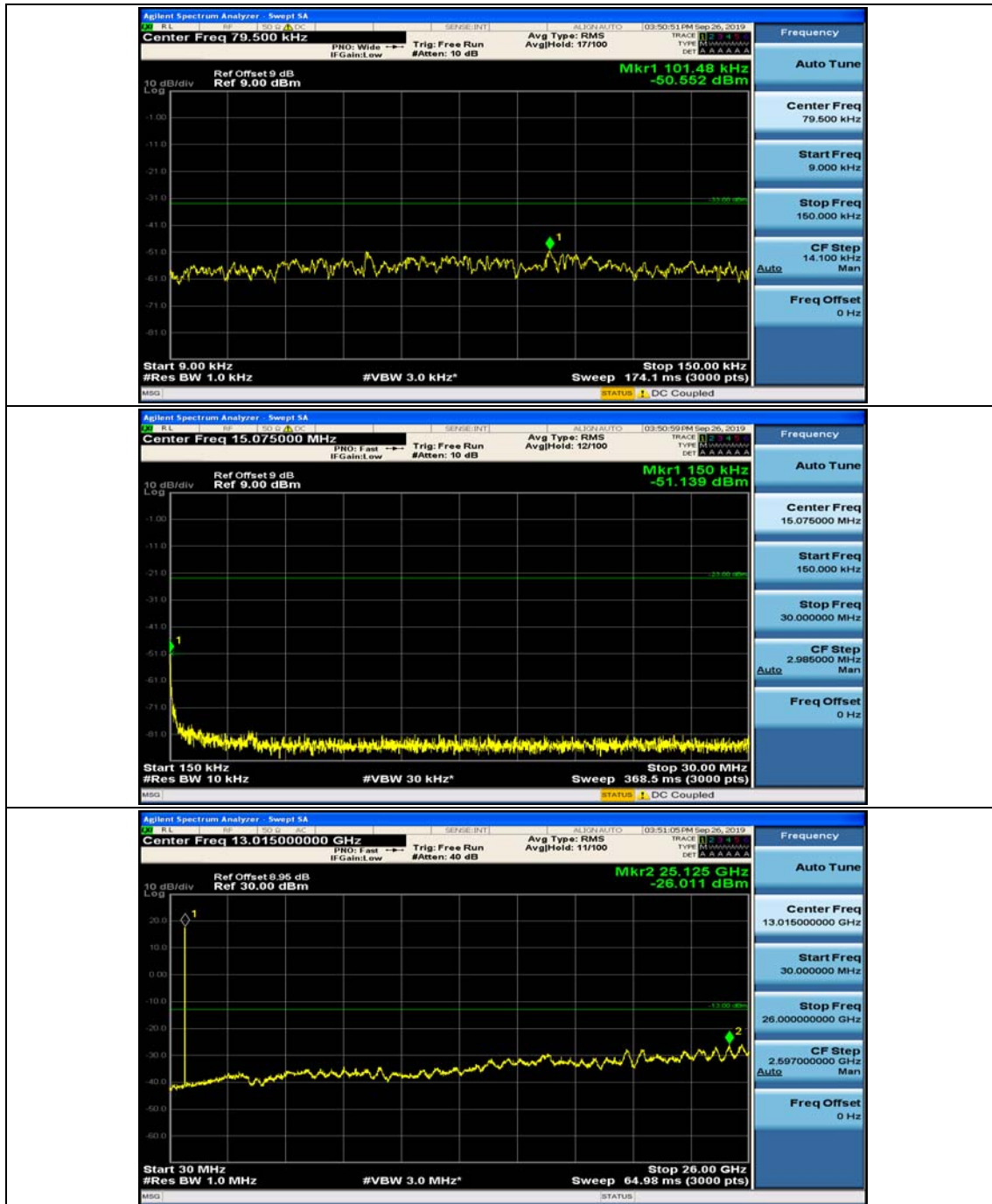


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

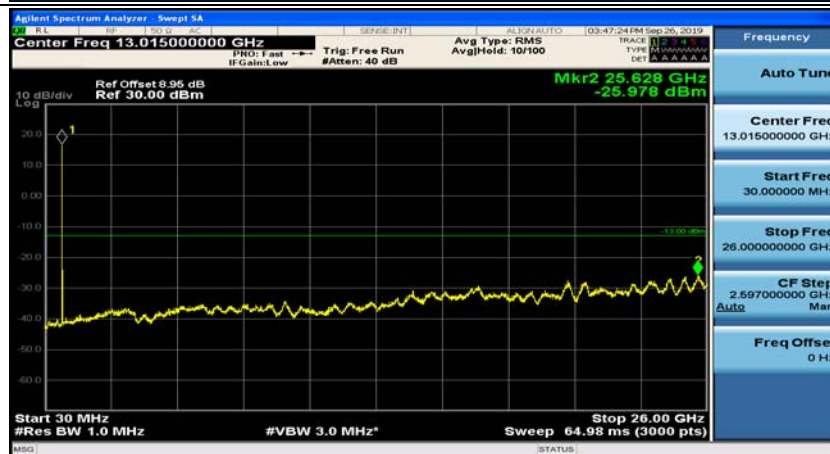
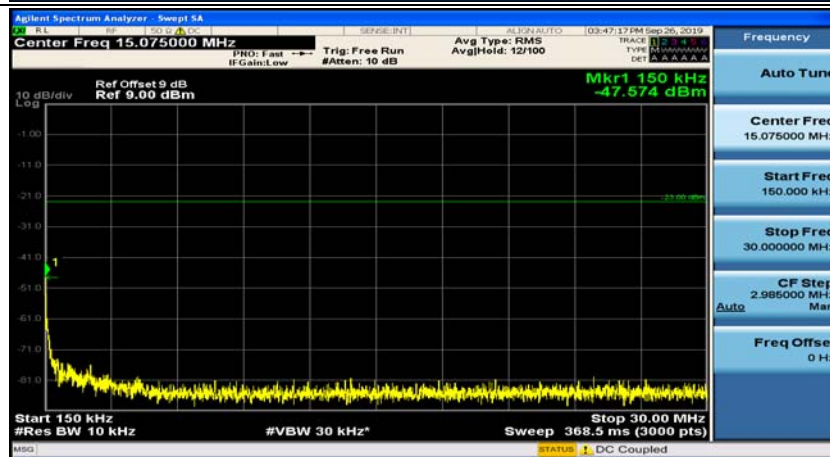
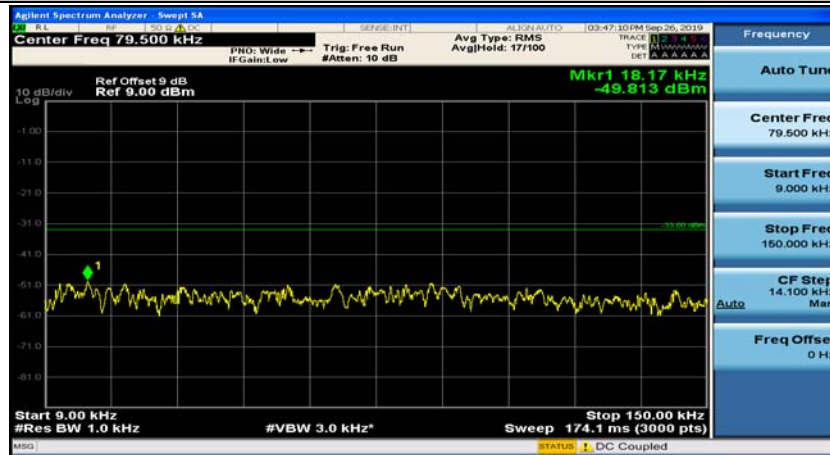


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

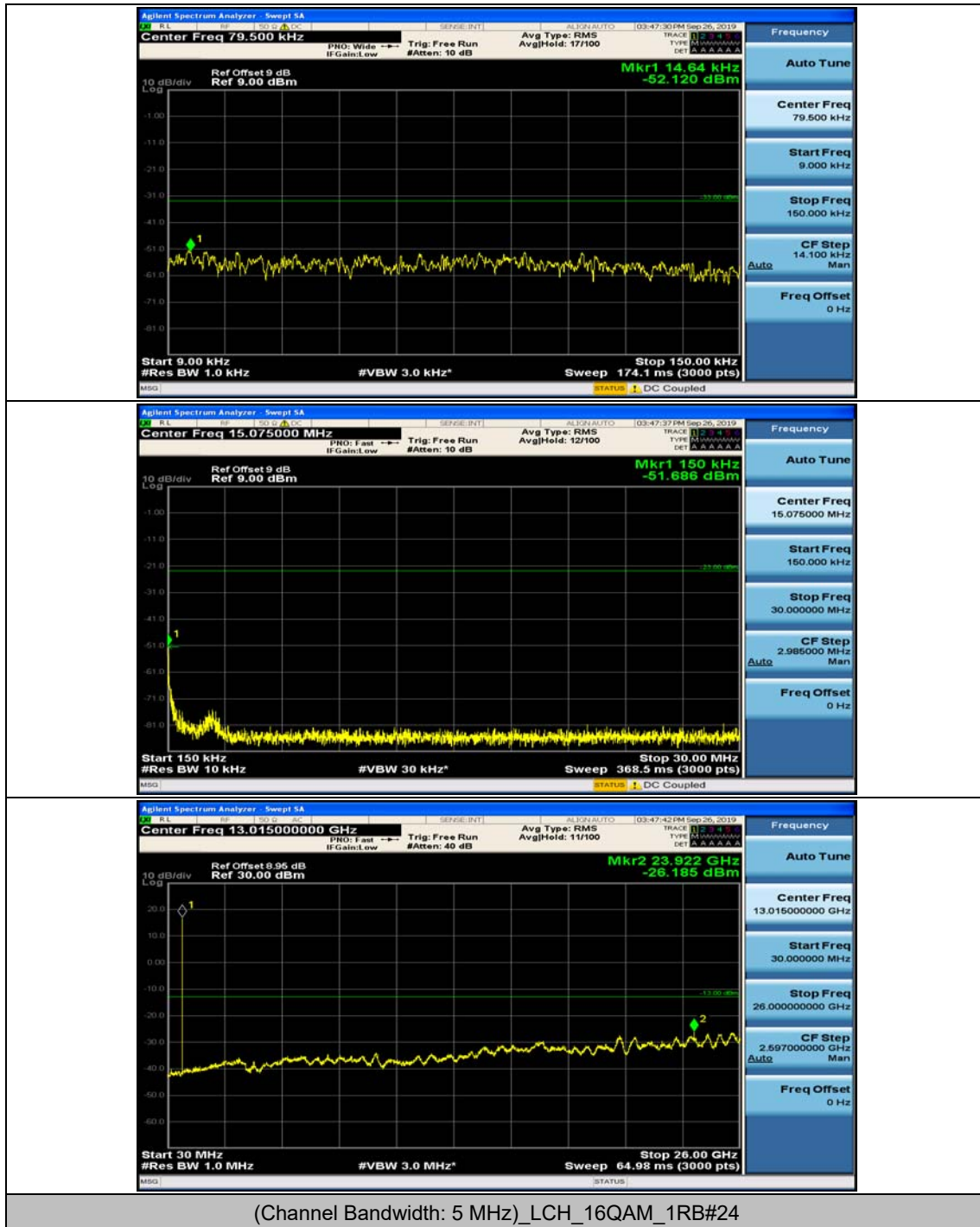


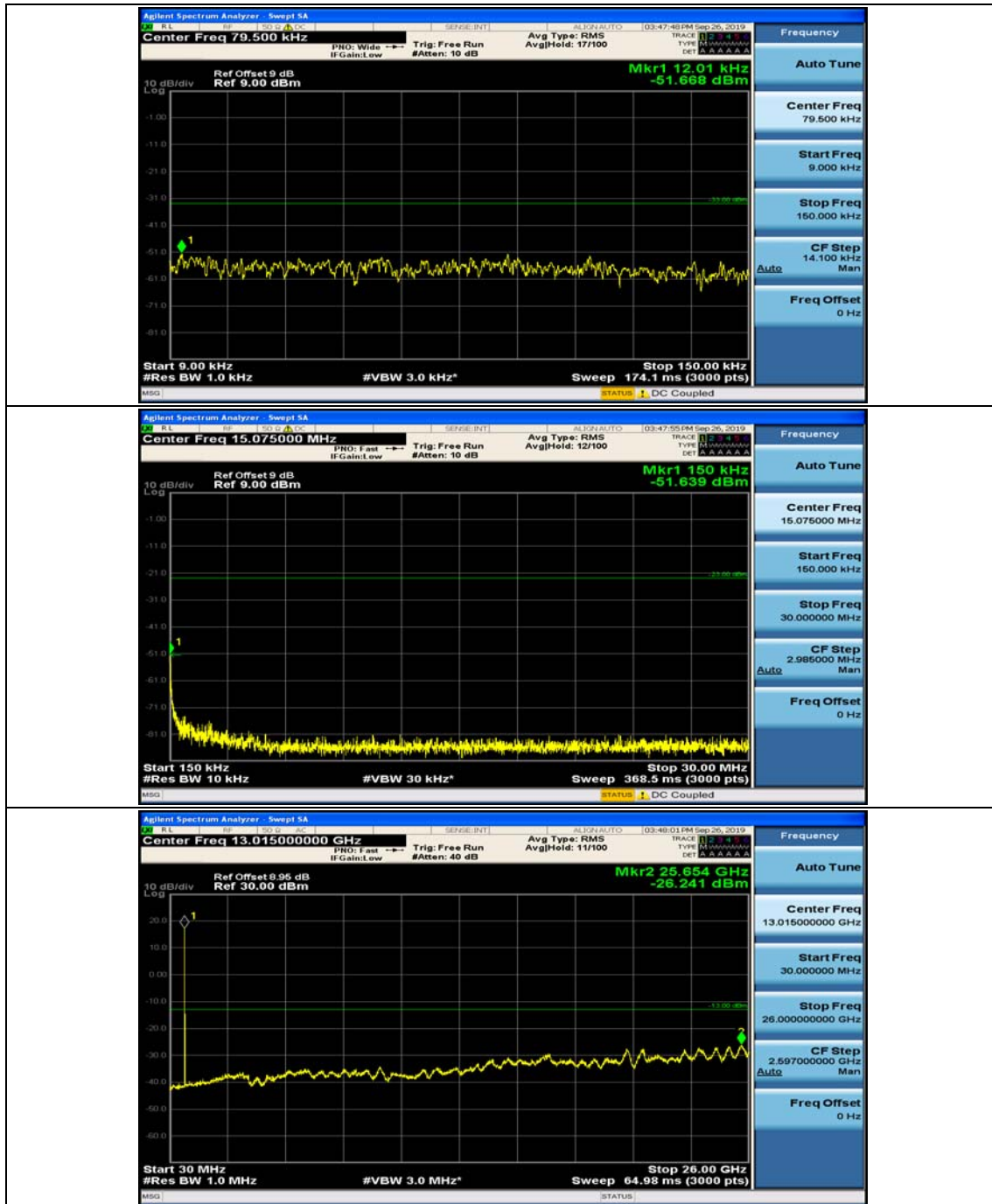


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

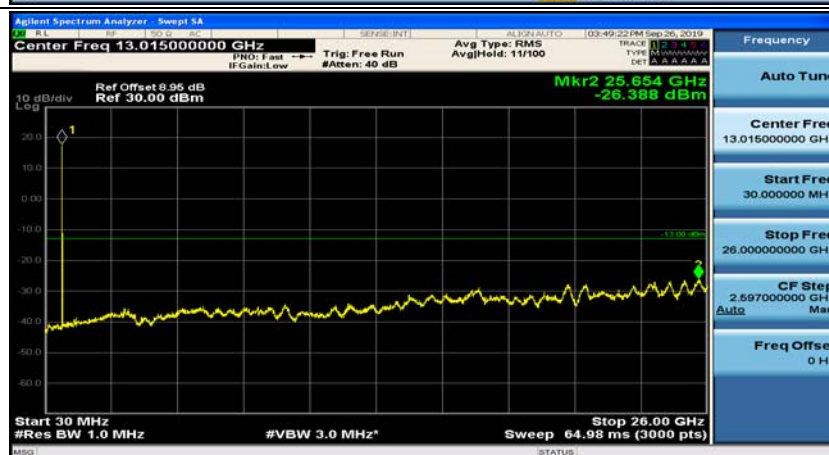
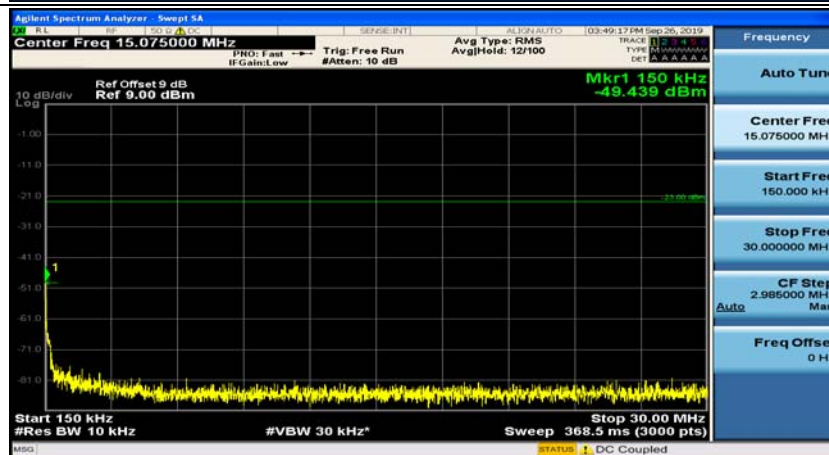
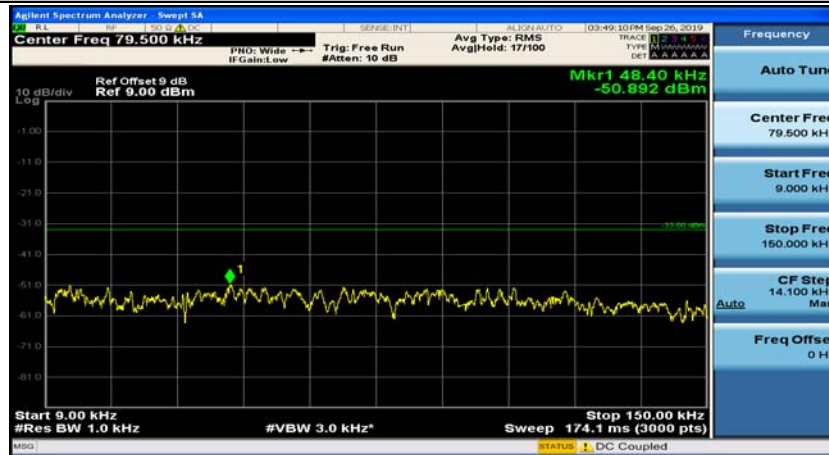


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12

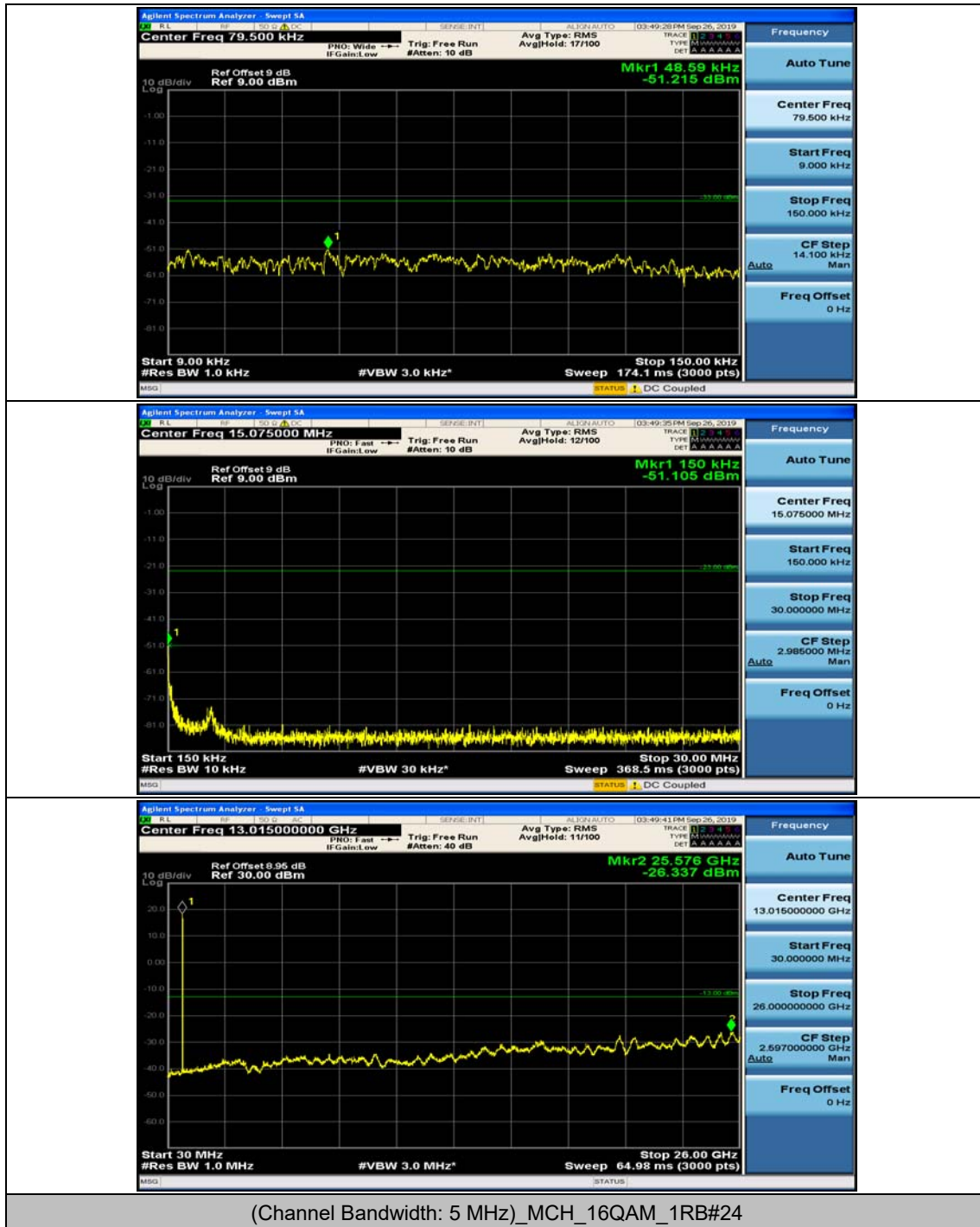


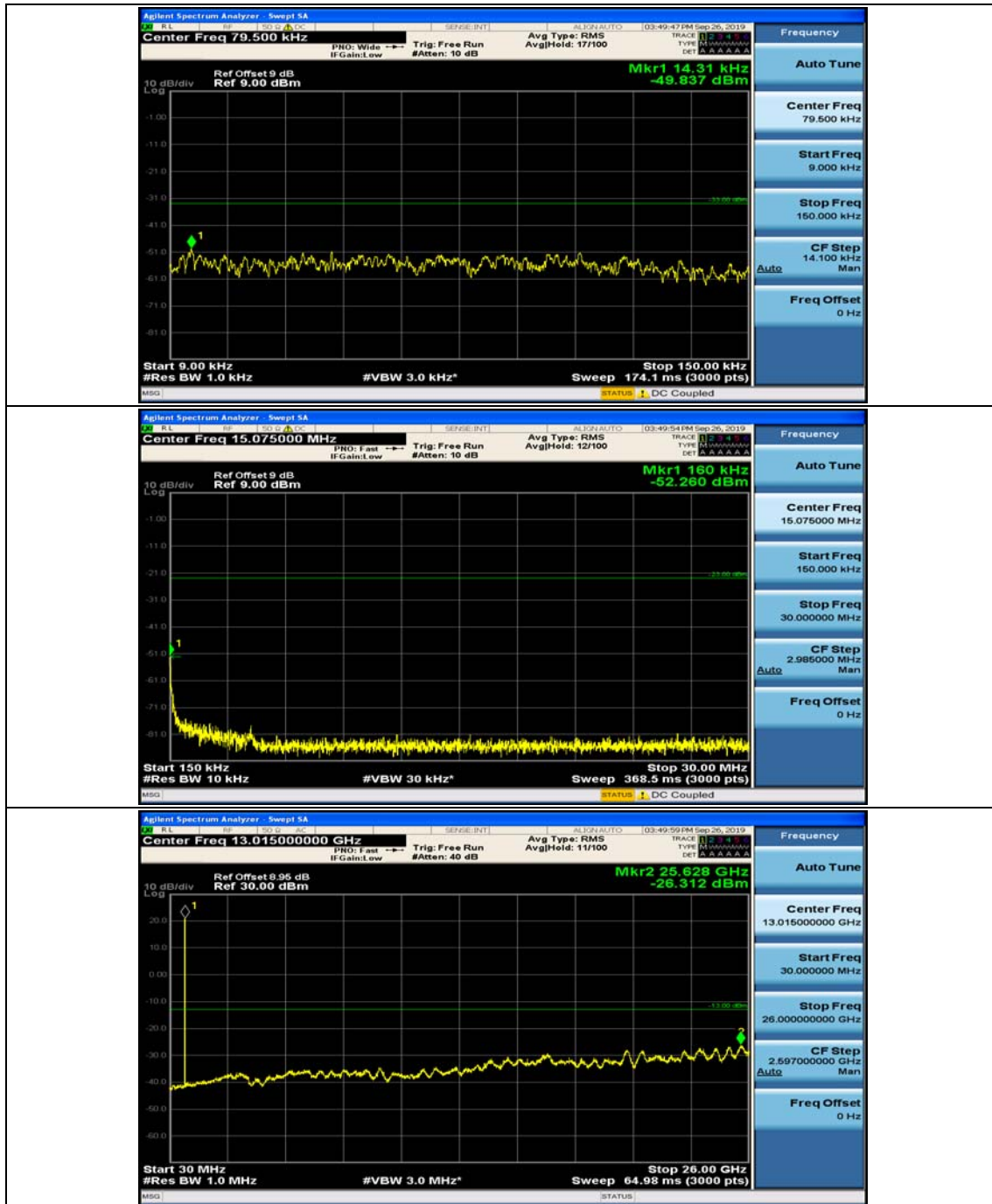


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

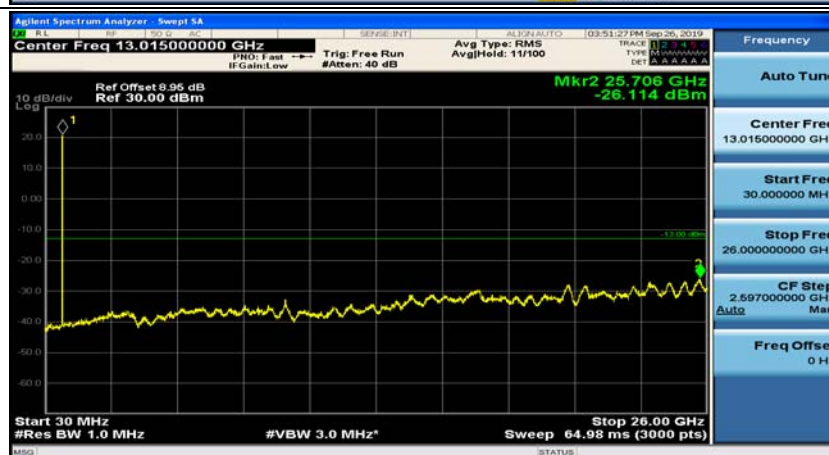
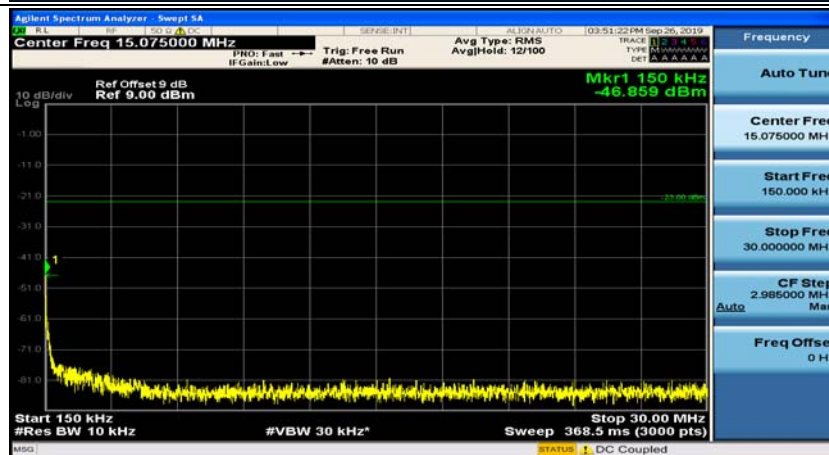


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12

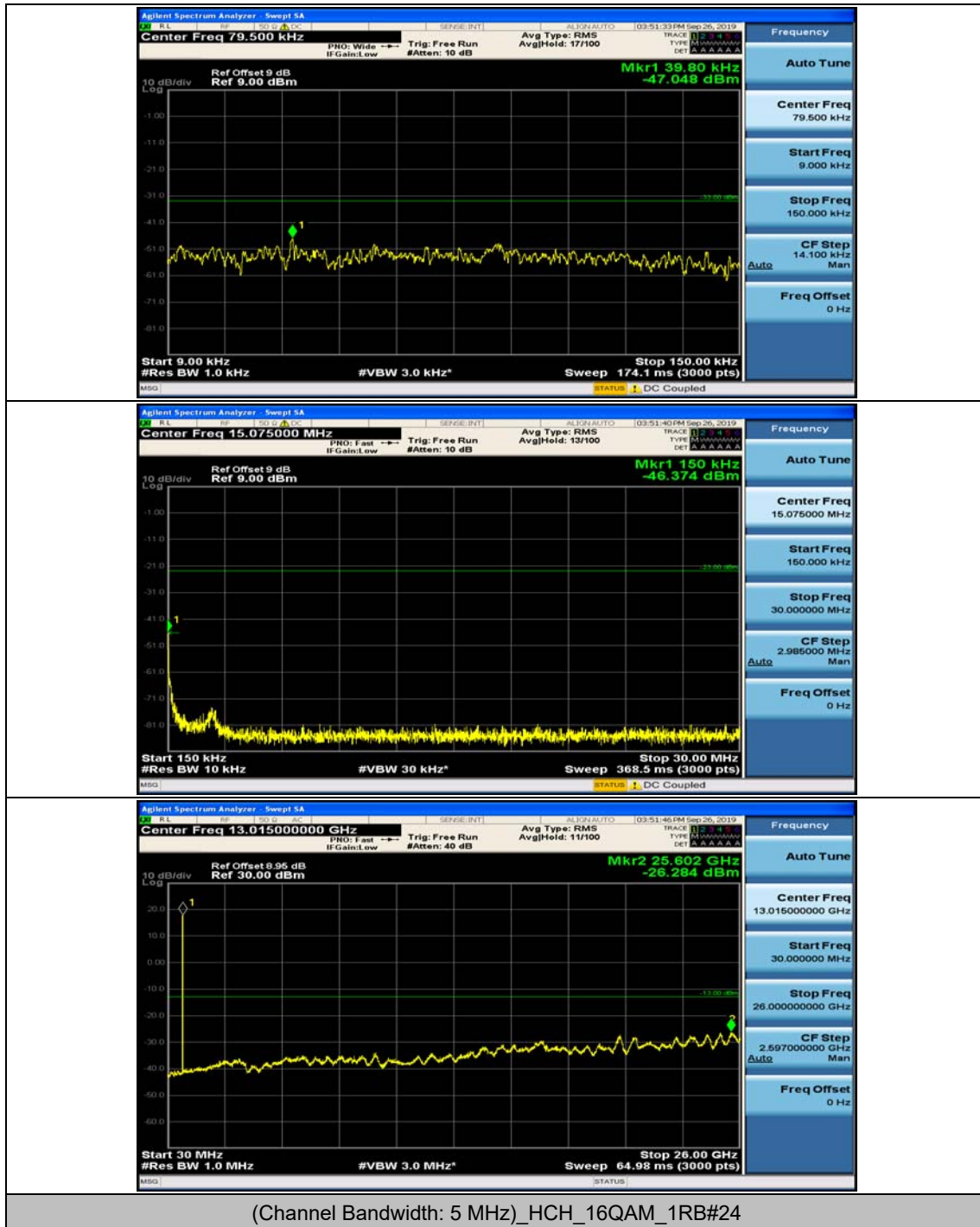


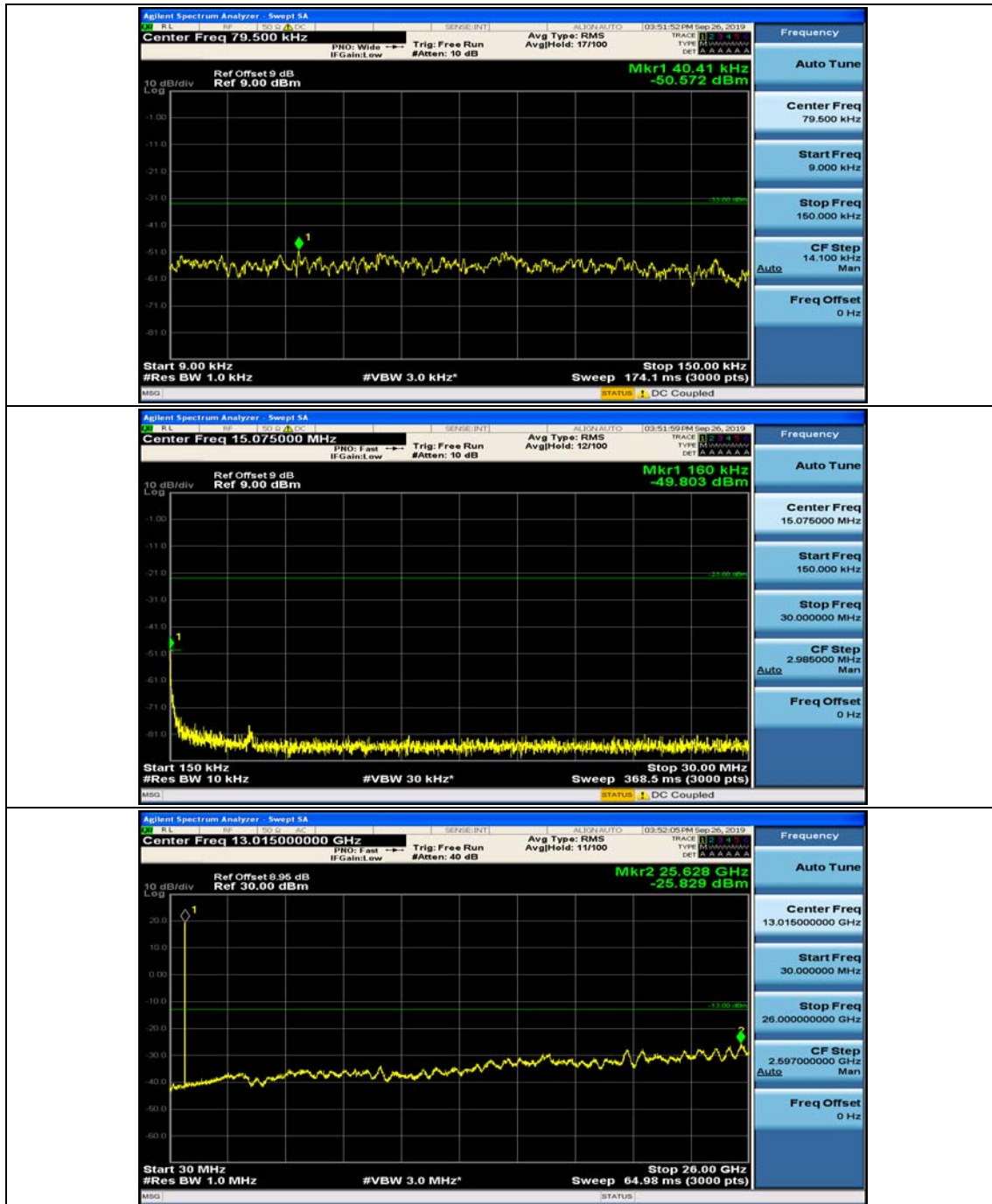


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

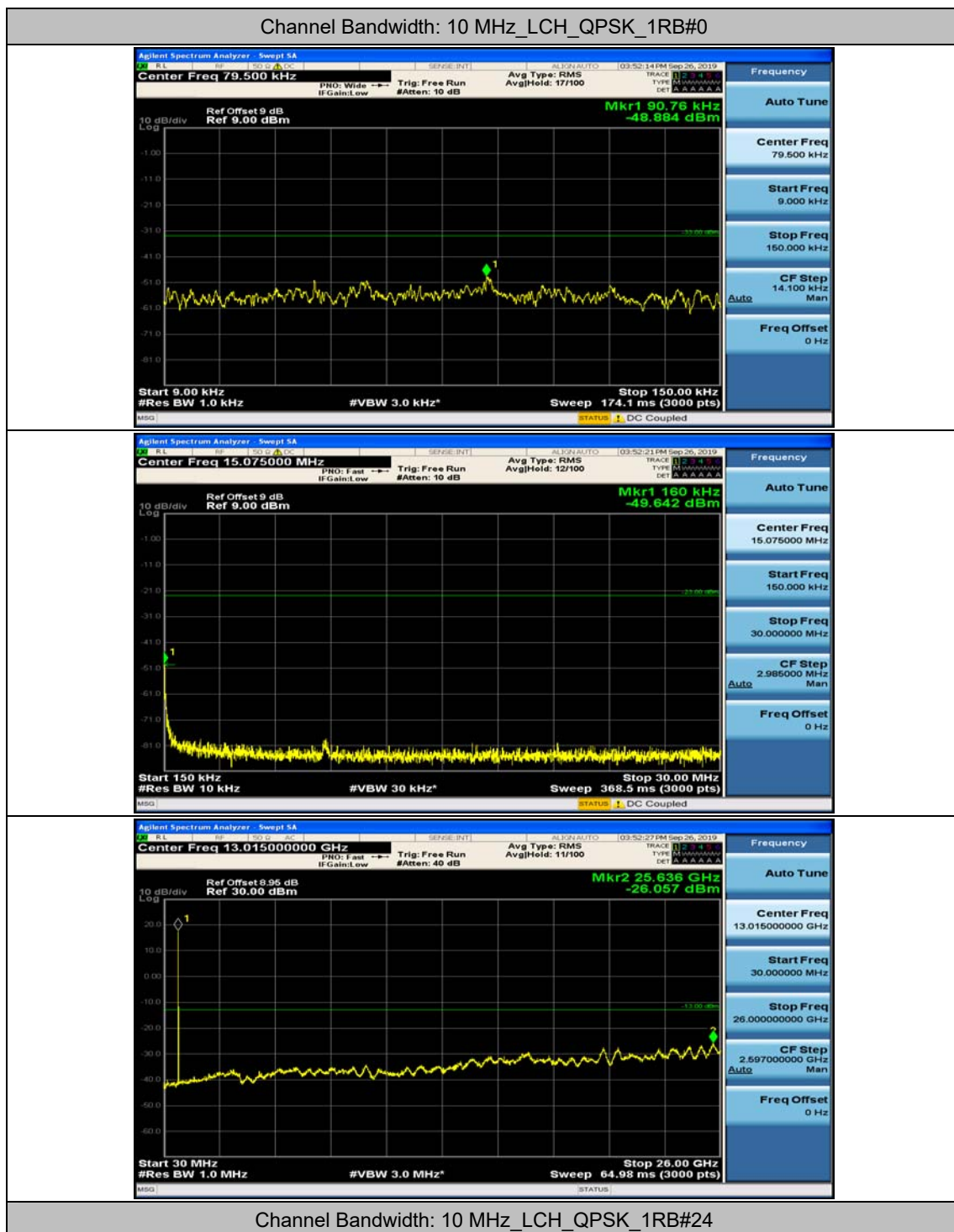


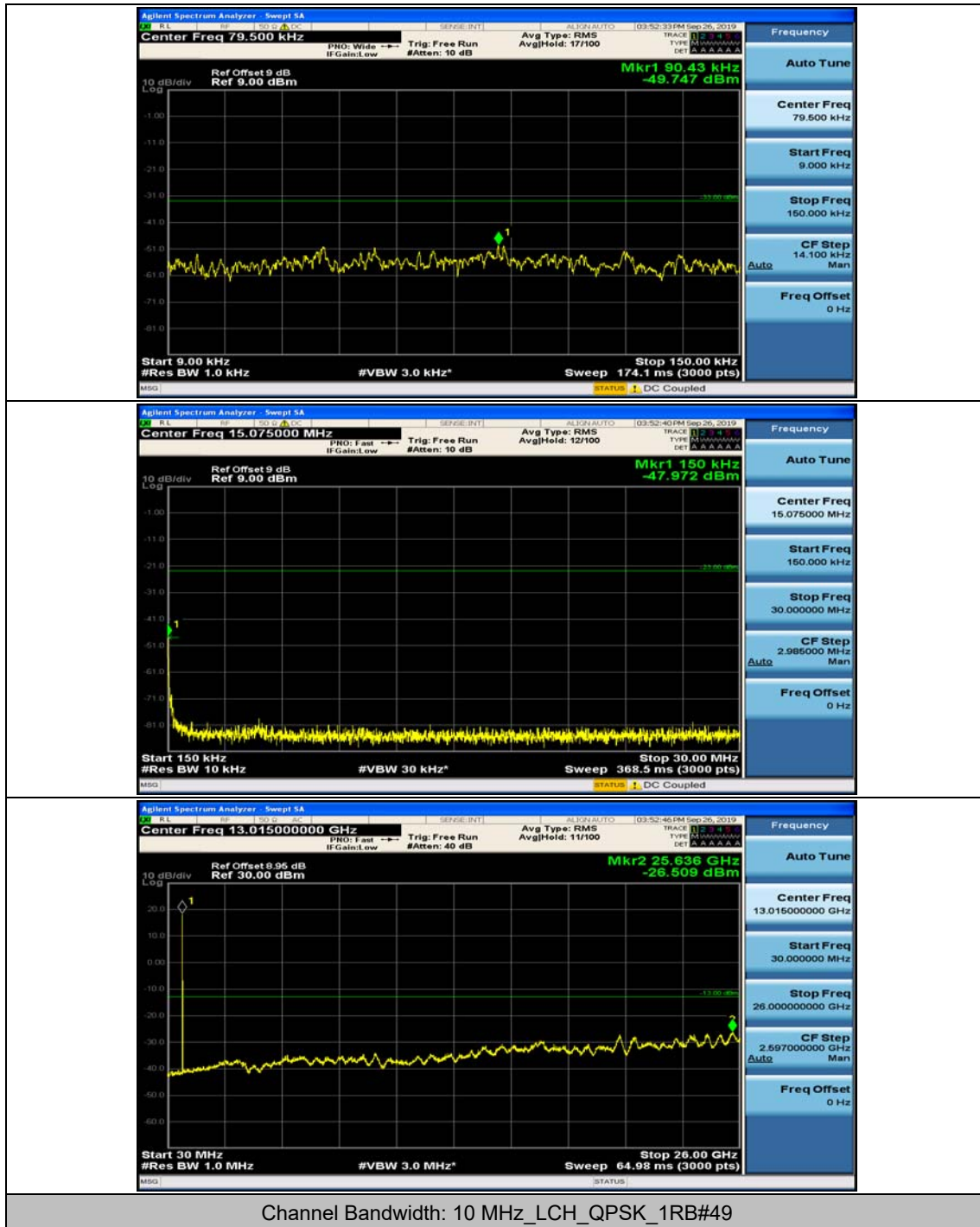
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

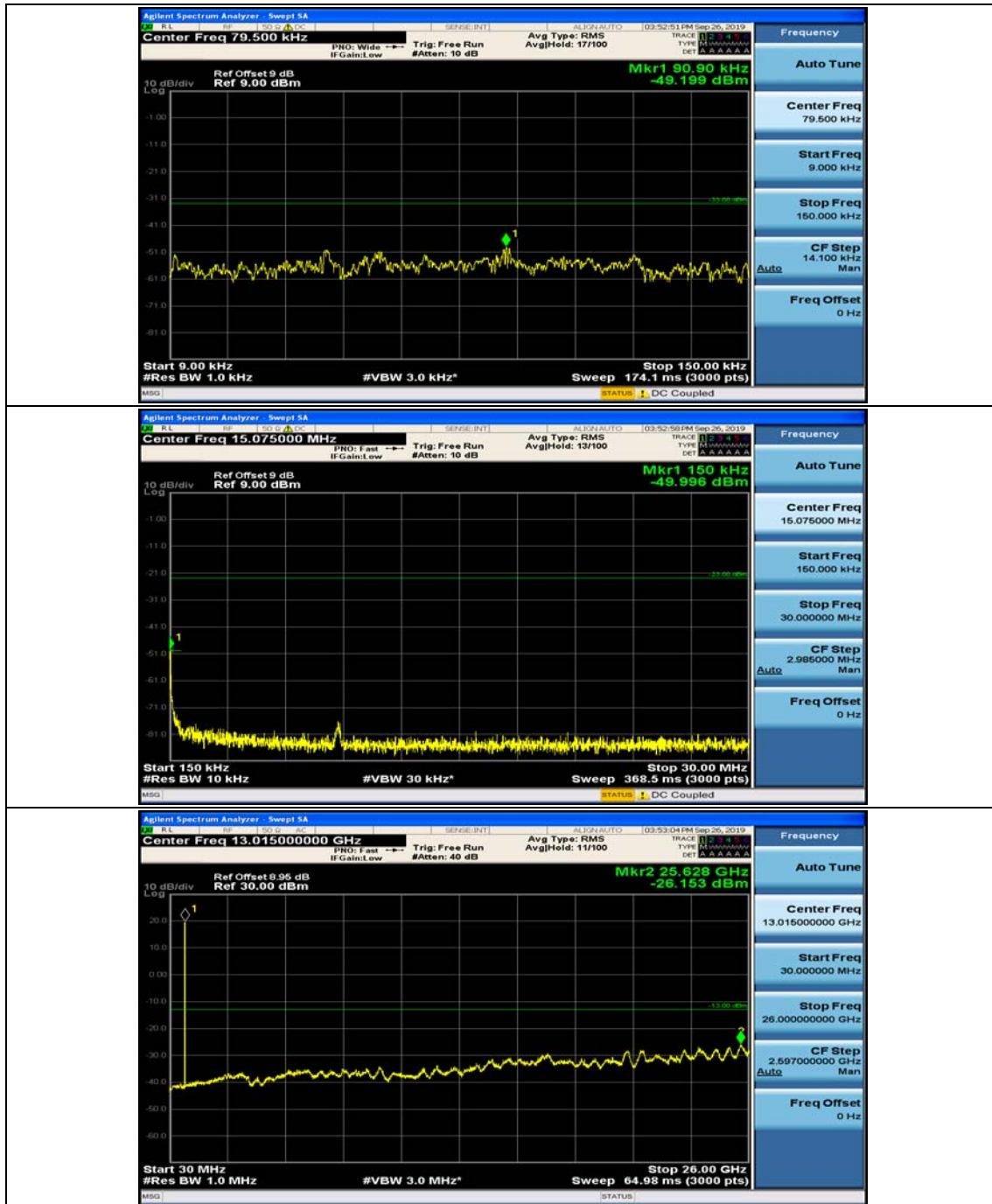




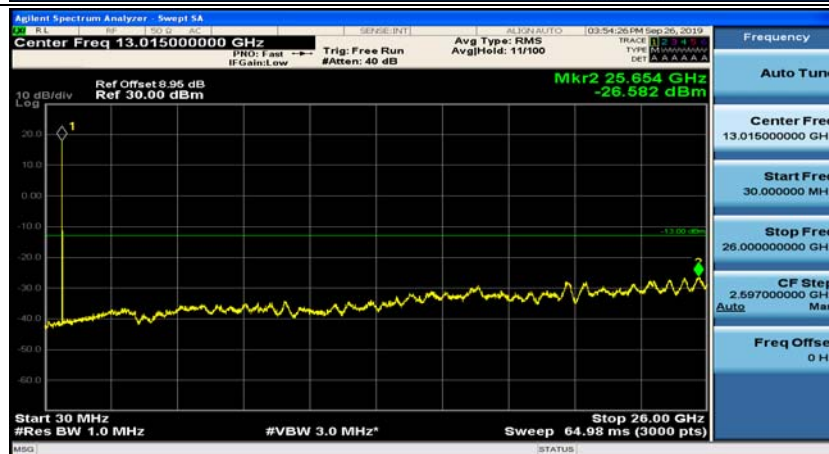
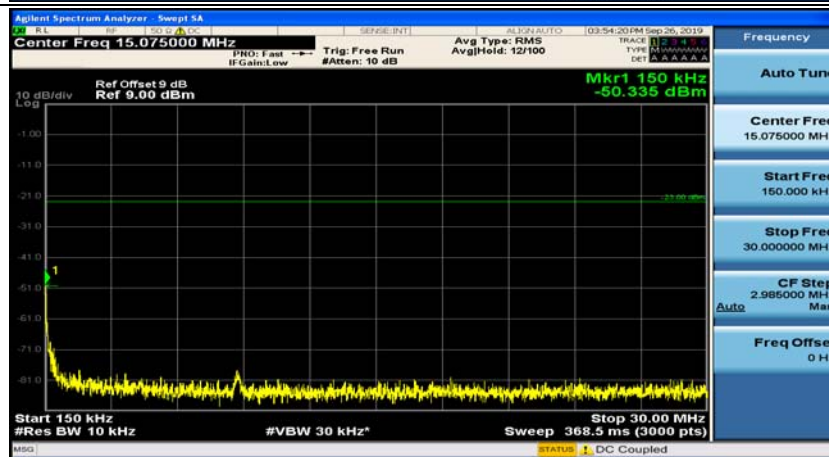
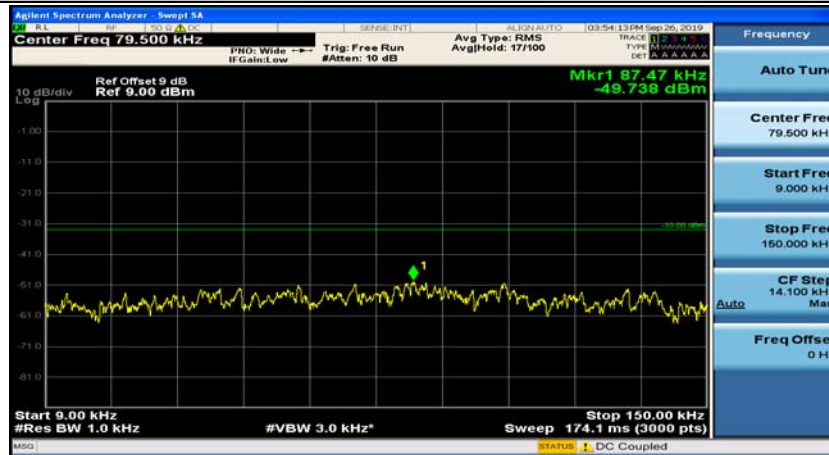
Channel Bandwidth: 10 MHz



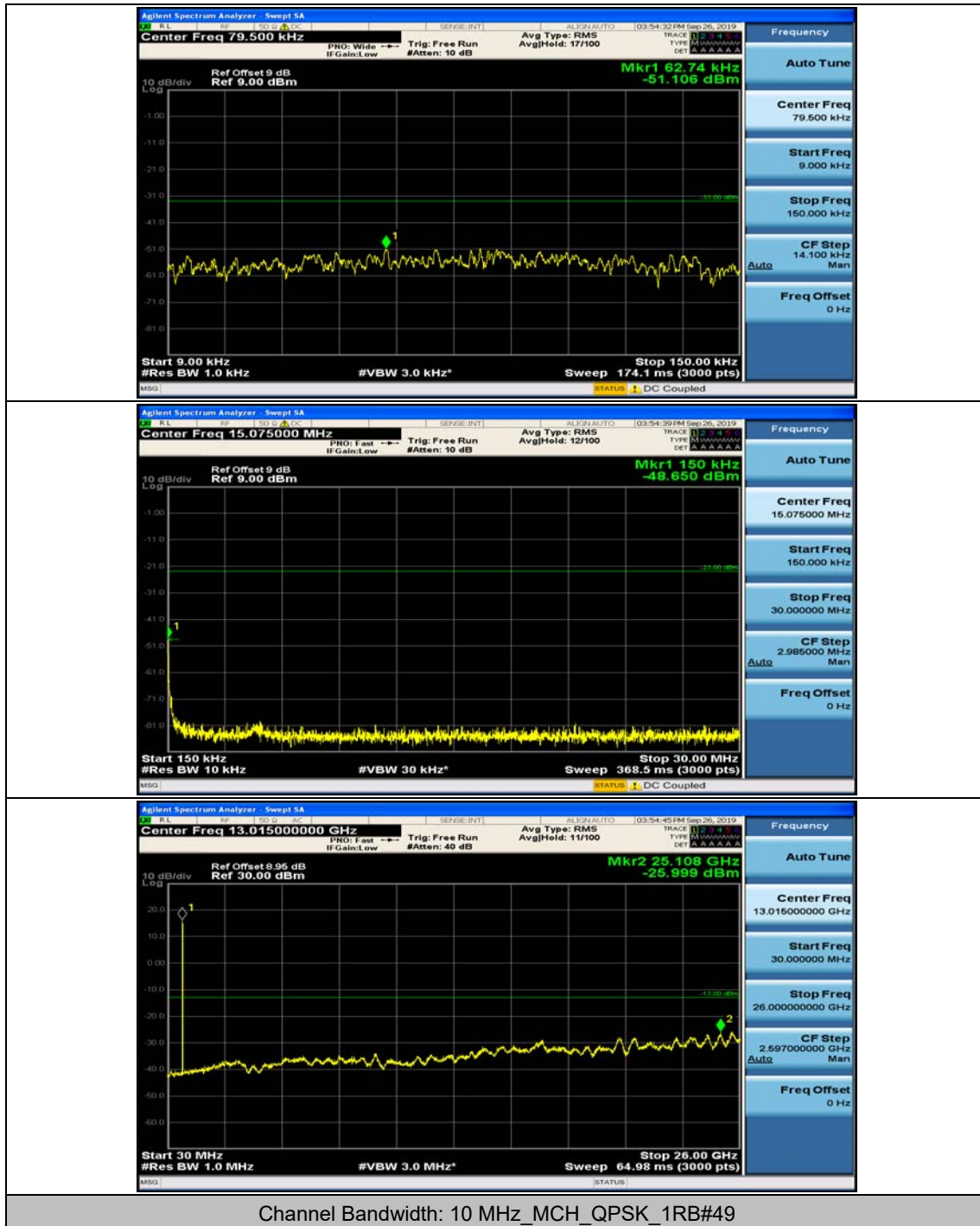


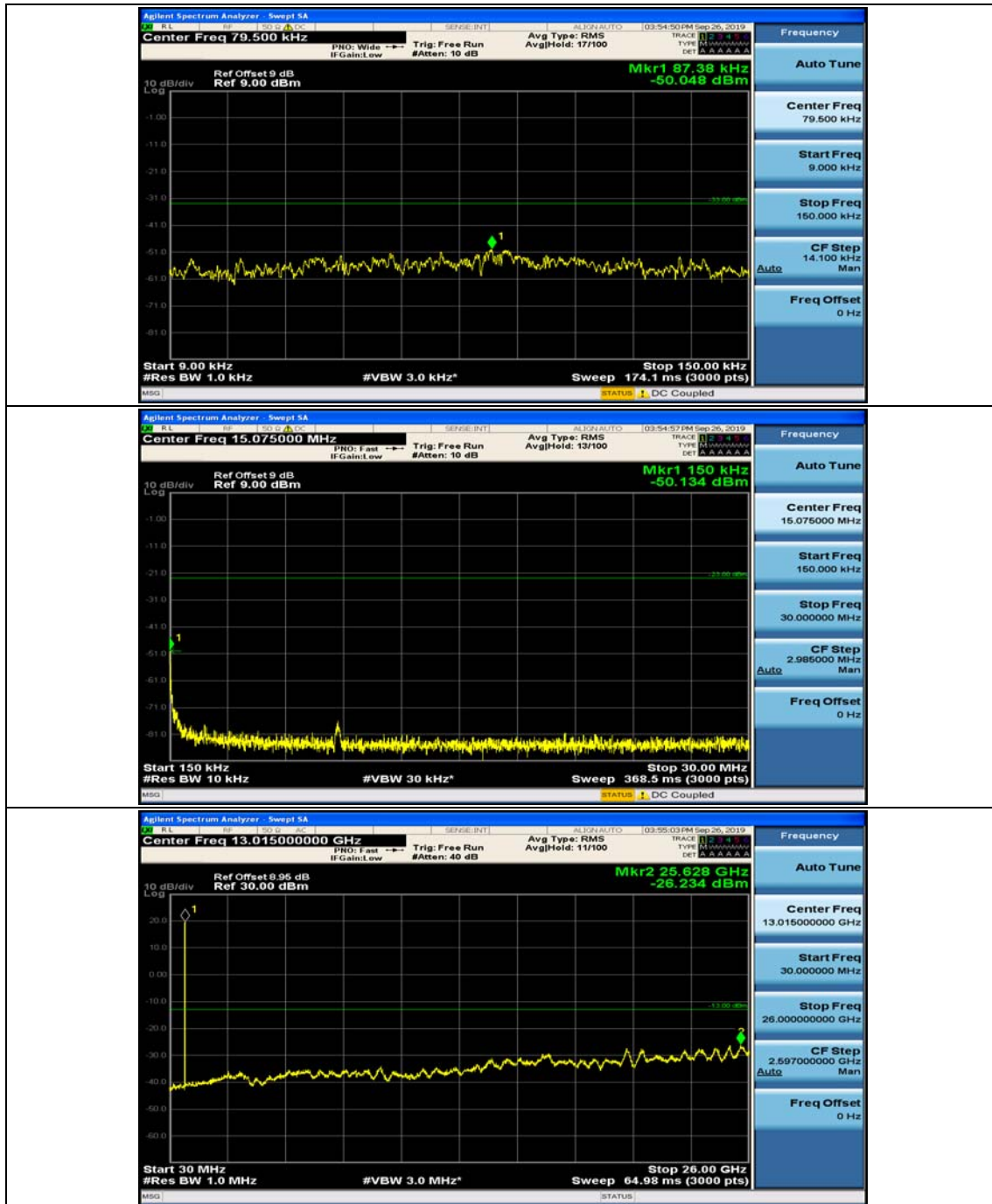


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

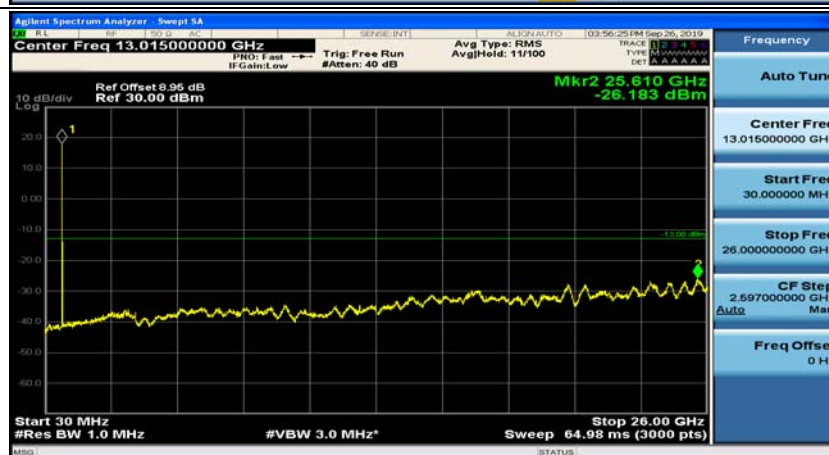
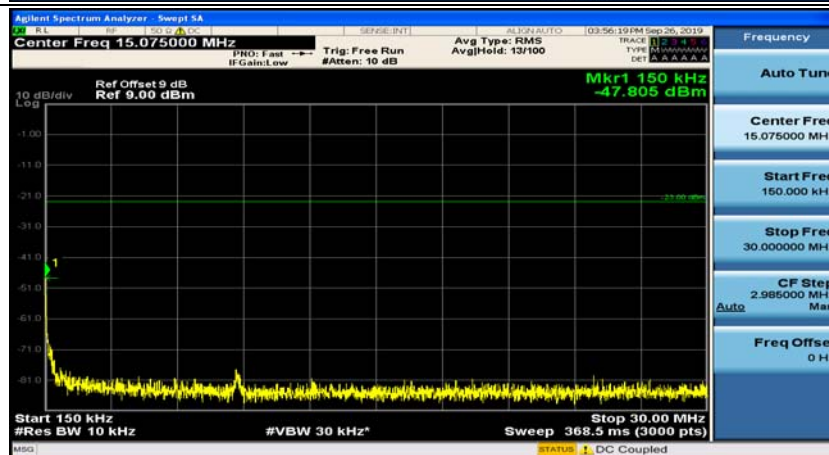
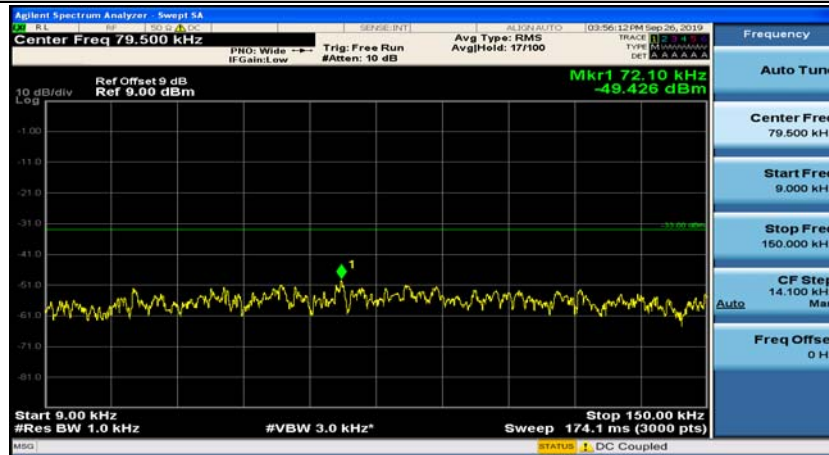


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

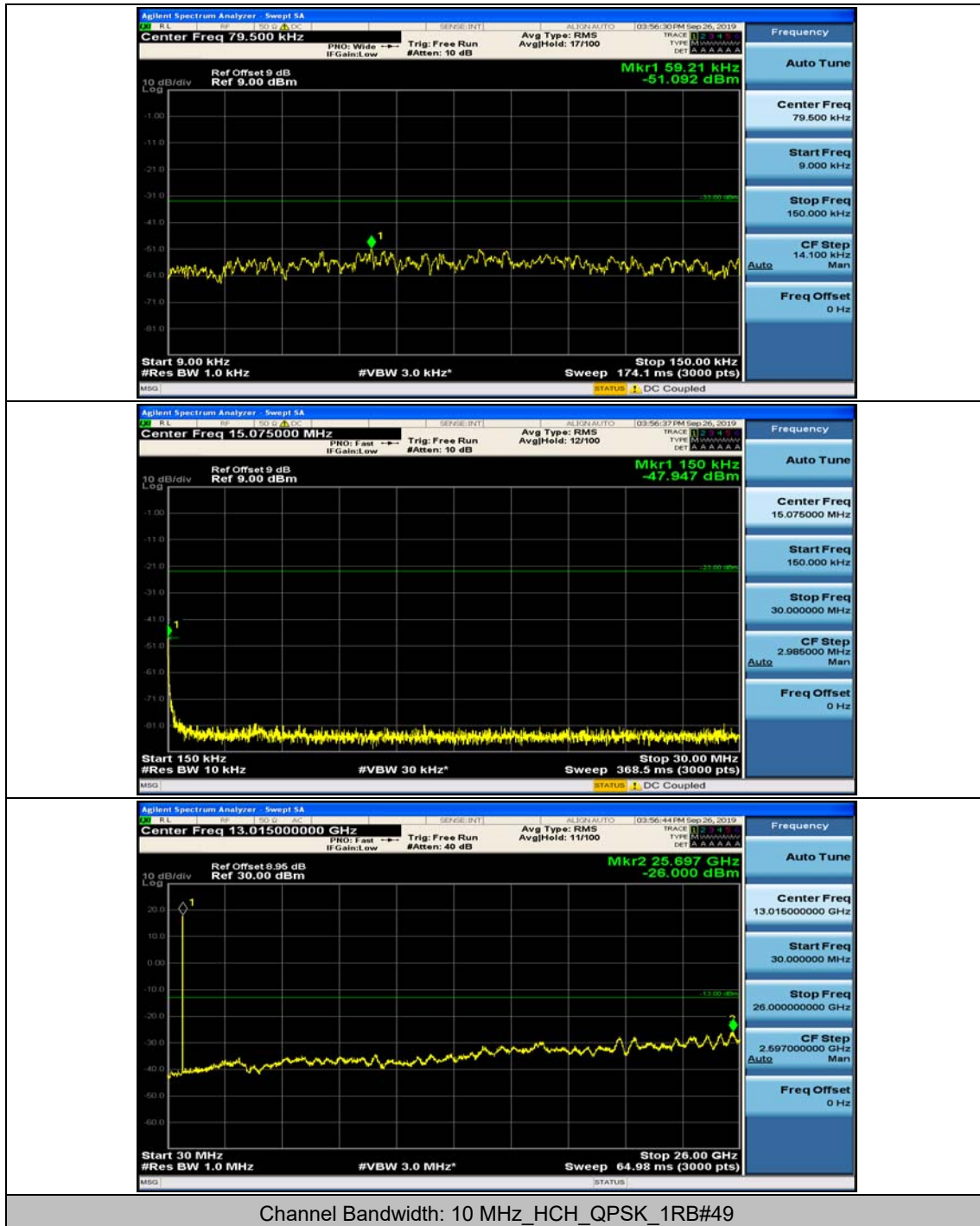


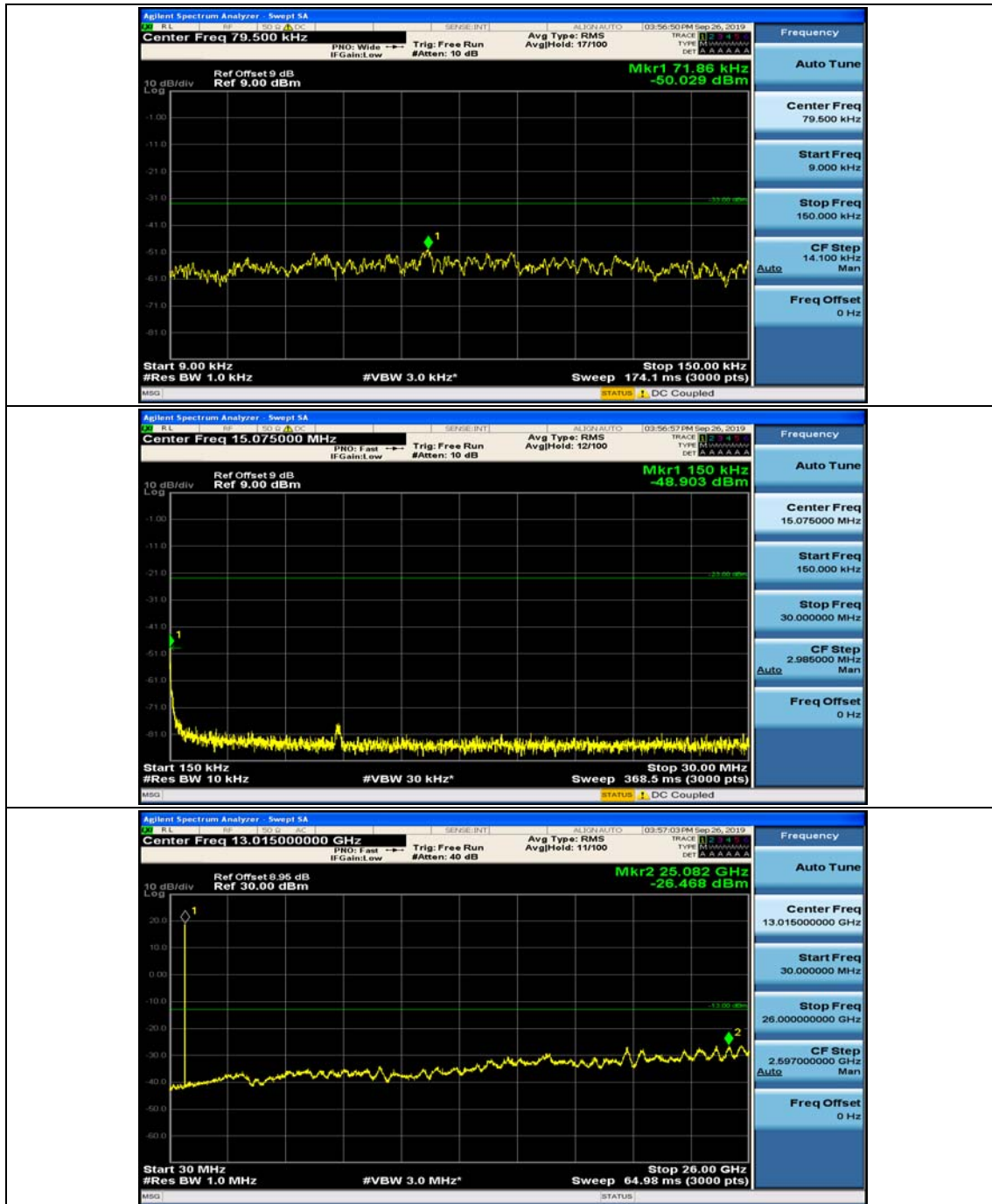


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

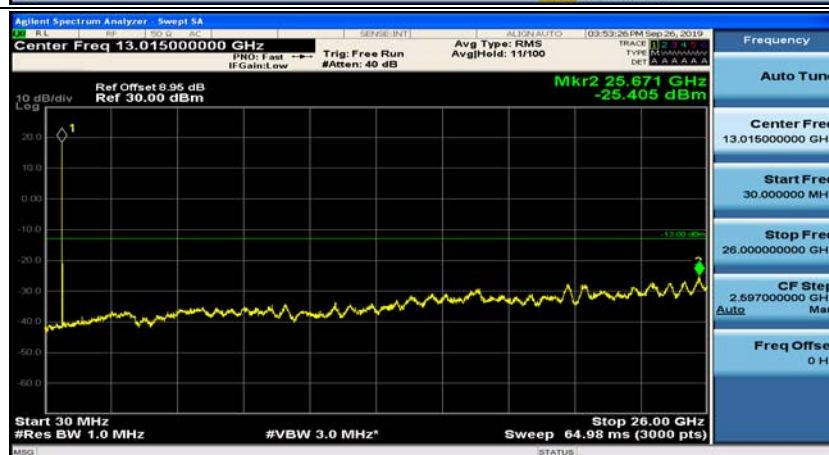
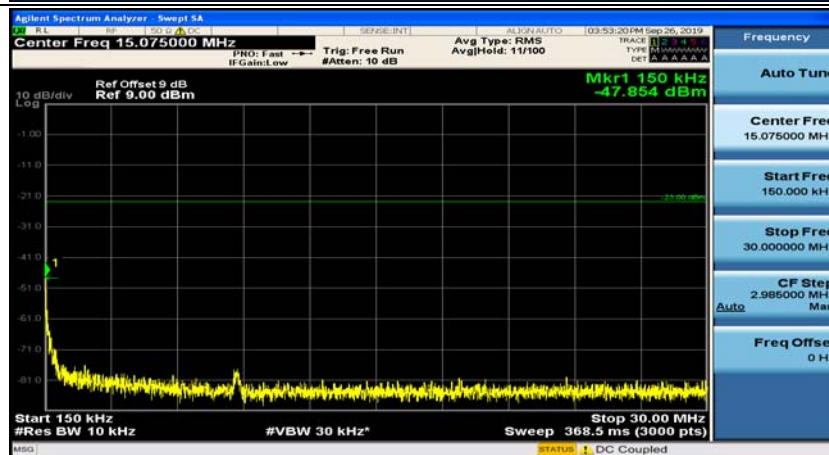


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

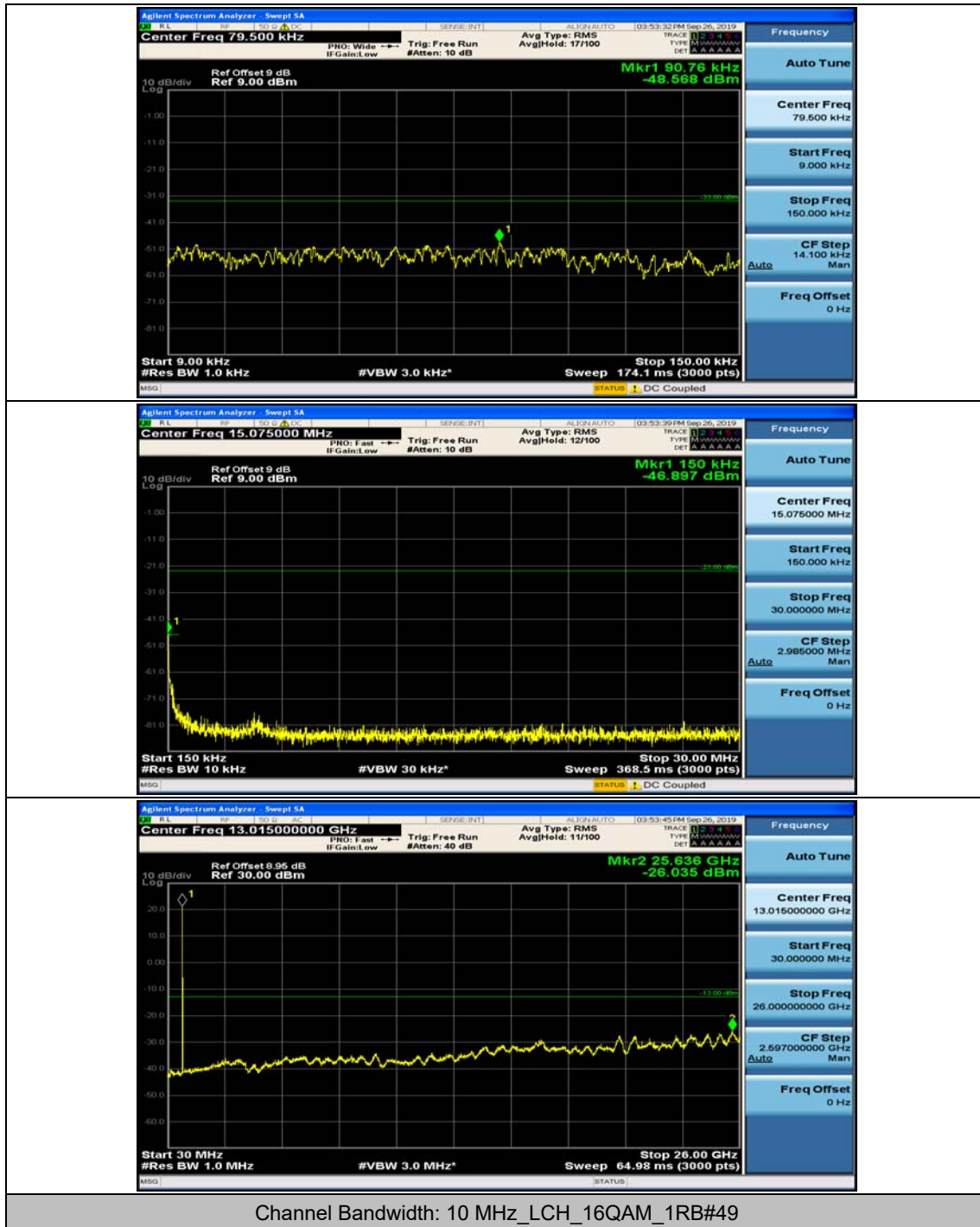


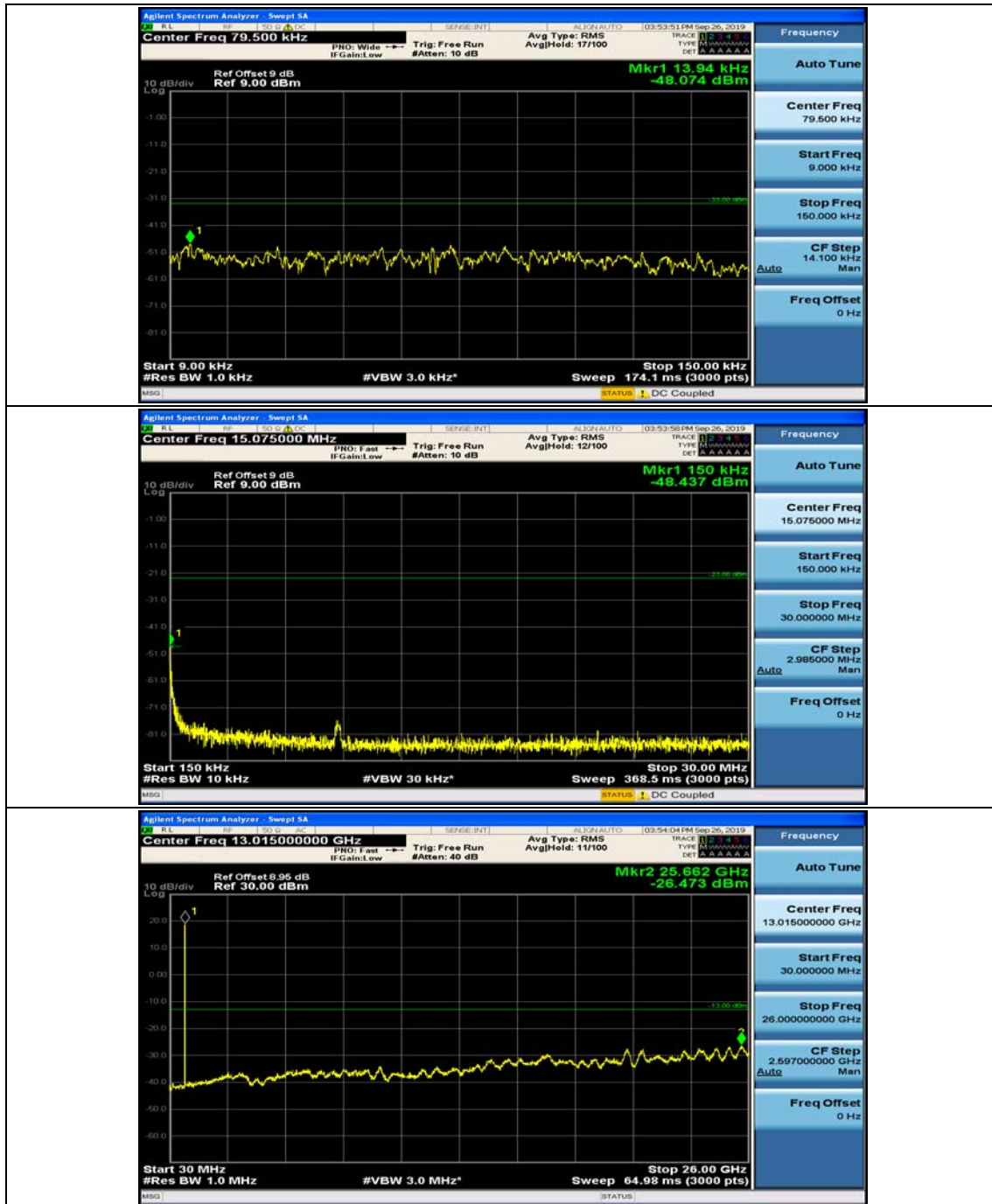


Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0

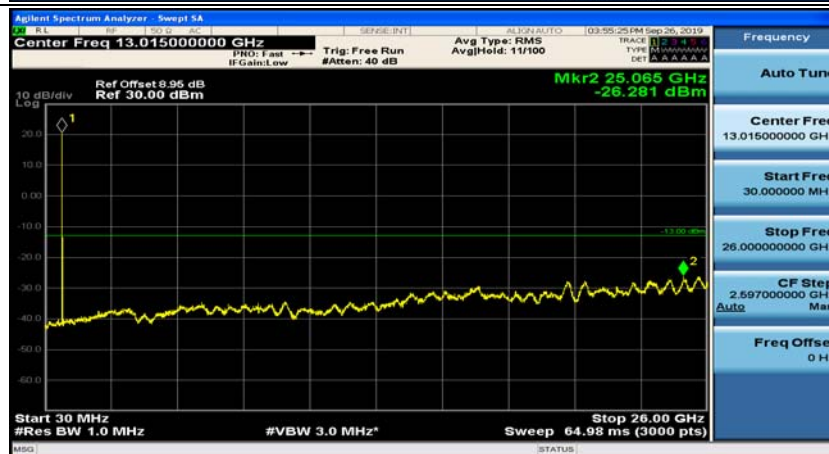
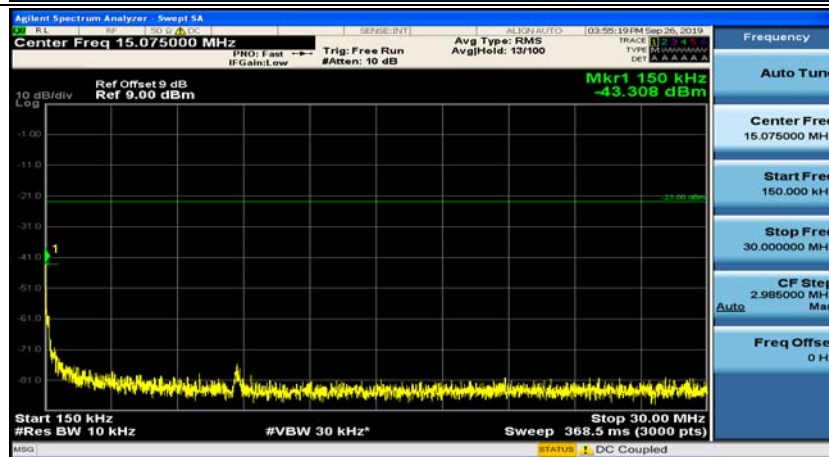
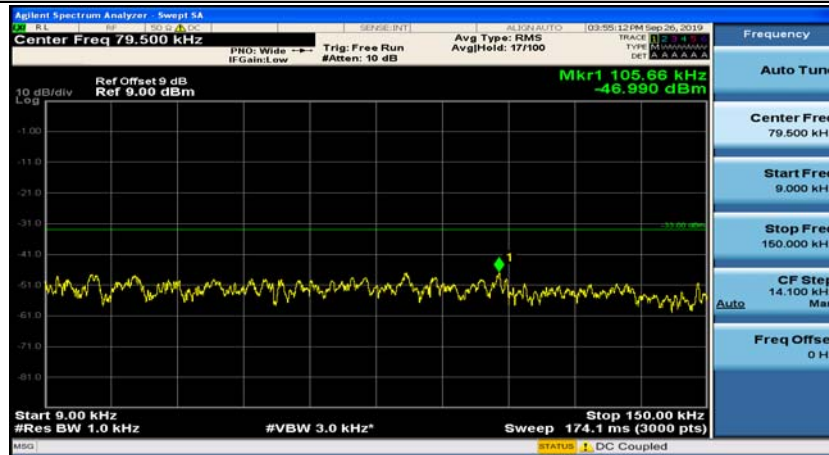


Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24

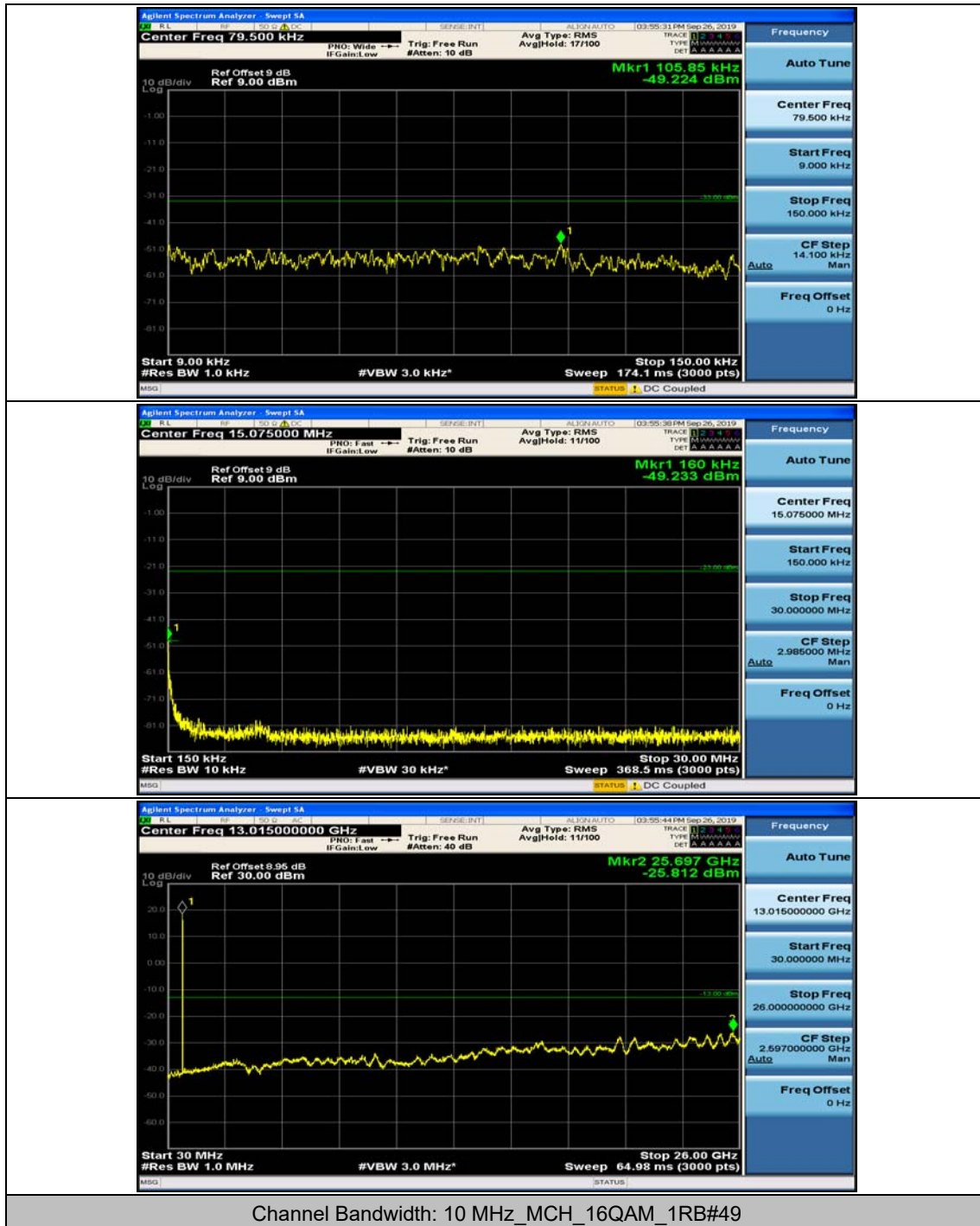


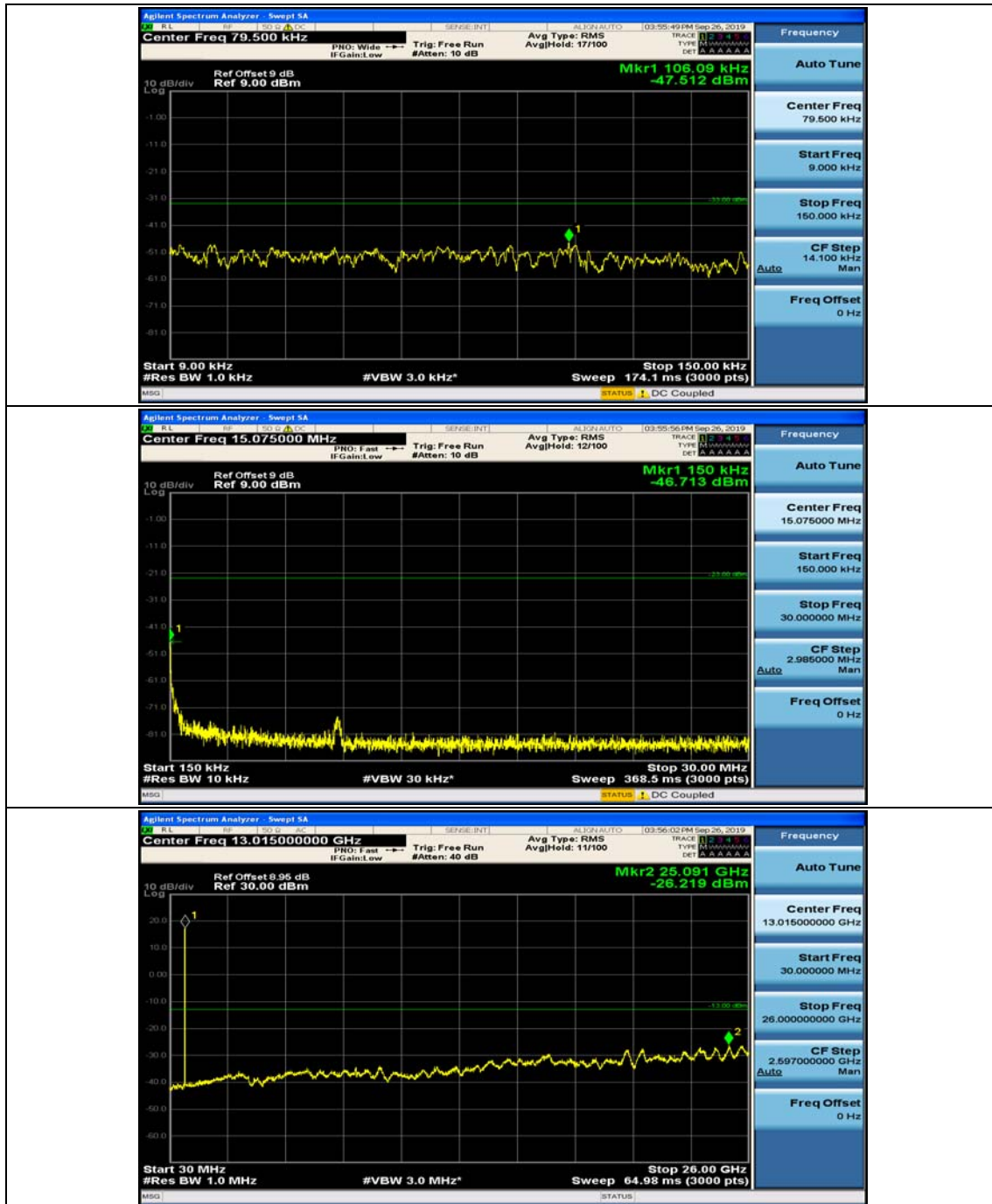


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

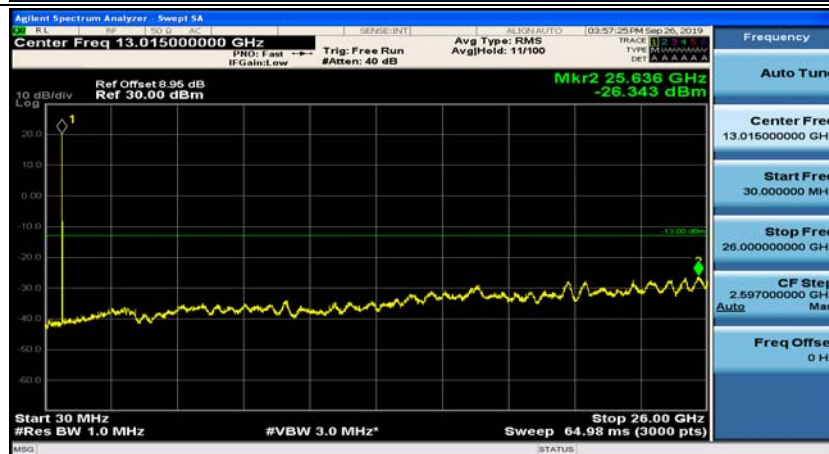
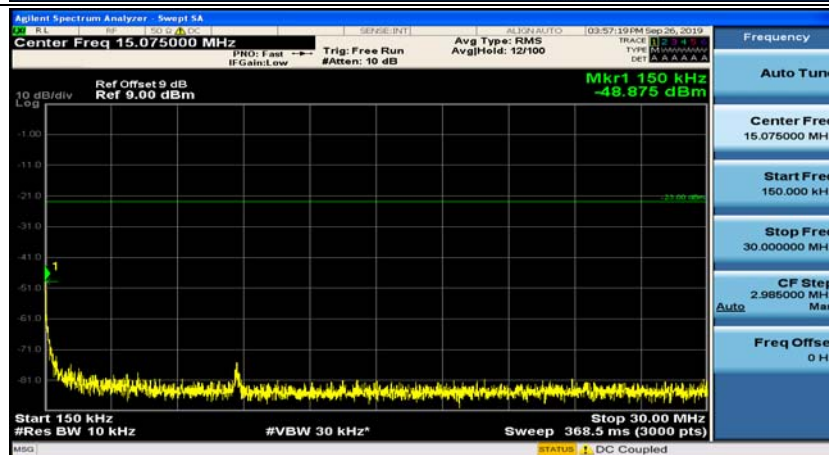
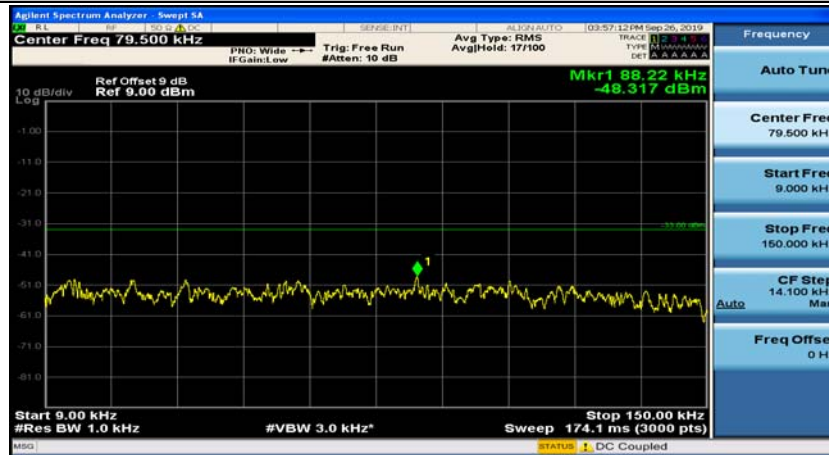


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

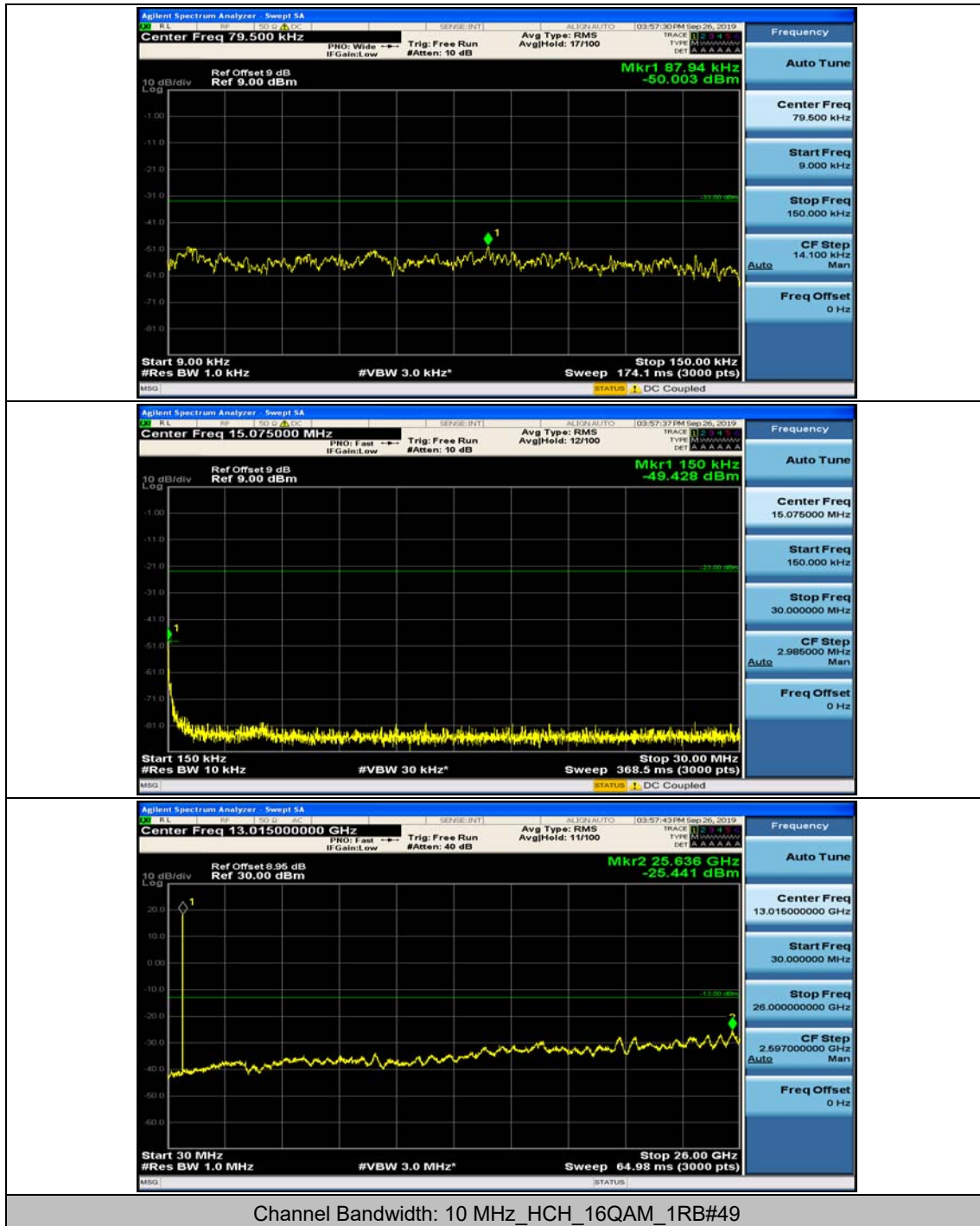


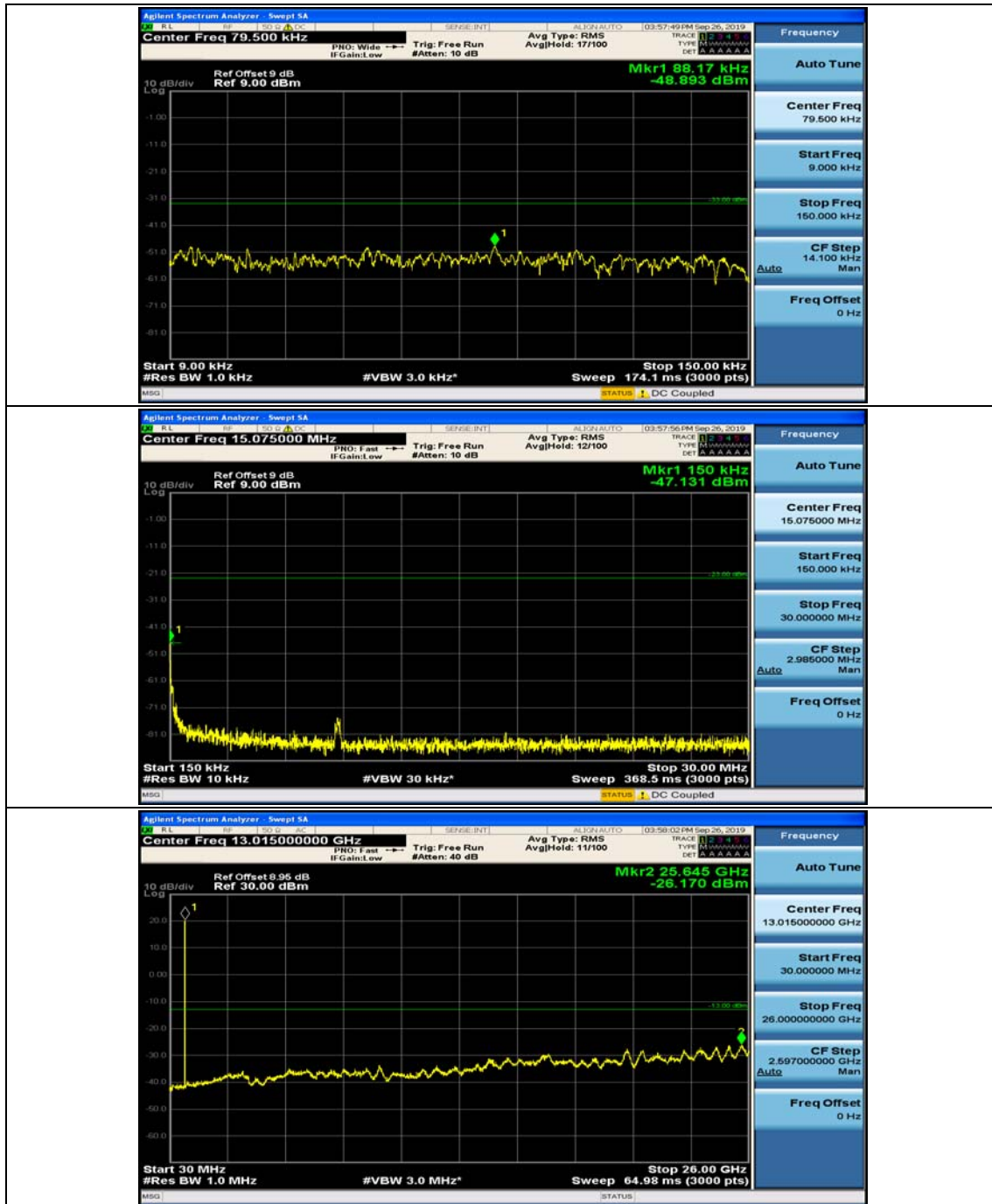


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_HCH_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	2.9	0.004105	± 2.5	PASS
		VN	TN	3.53	0.004996	± 2.5	PASS
		VH	TN	4.96	0.007021	± 2.5	PASS
	MCH	VL	TN	2.32	0.003268	± 2.5	PASS
		VN	TN	1.7	0.002394	± 2.5	PASS
		VH	TN	0.39	0.000549	± 2.5	PASS
	HCH	VL	TN	-1.9	-0.002663	± 2.5	PASS
		VN	TN	3.73	0.005228	± 2.5	PASS
		VH	TN	0.58	0.000813	± 2.5	PASS
16QAM	LCH	VL	TN	2.54	0.003595	± 2.5	PASS
		VN	TN	1.25	0.001769	± 2.5	PASS
		VH	TN	3.78	0.005350	± 2.5	PASS
	MCH	VL	TN	-1.96	-0.002761	± 2.5	PASS
		VN	TN	0.93	0.001310	± 2.5	PASS
		VH	TN	3.67	0.005169	± 2.5	PASS
	HCH	VL	TN	-1.62	-0.002270	± 2.5	PASS
		VN	TN	1.23	0.001724	± 2.5	PASS
		VH	TN	-0.08	-0.000112	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	4.59	0.006497	± 2.5	PASS
		VN	-20	-0.55	-0.000778	± 2.5	PASS
		VN	-10	3.07	0.004345	± 2.5	PASS
		VN	0	-1.67	-0.002364	± 2.5	PASS
		VN	10	2.05	0.002902	± 2.5	PASS
		VN	20	-1.3	-0.001840	± 2.5	PASS
		VN	30	1.97	0.002788	± 2.5	PASS
		VN	40	4.63	0.006553	± 2.5	PASS
		VN	50	2.21	0.003128	± 2.5	PASS
	MCH	VN	-30	-1.15	-0.001620	± 2.5	PASS

		VN	-20	-1.05	-0.001479	± 2.5	PASS
		VN	-10	-0.63	-0.000887	± 2.5	PASS
		VN	0	-1.76	-0.002479	± 2.5	PASS
		VN	10	0.86	0.001211	± 2.5	PASS
		VN	20	2.23	0.003141	± 2.5	PASS
		VN	30	1.64	0.002310	± 2.5	PASS
		VN	40	-1.22	-0.001718	± 2.5	PASS
		VN	50	4.79	0.006746	± 2.5	PASS
	HCH	VN	-30	1.61	0.002256	± 2.5	PASS
		VN	-20	3.66	0.005130	± 2.5	PASS
		VN	-10	-1.64	-0.002299	± 2.5	PASS
		VN	0	1.69	0.002369	± 2.5	PASS
		VN	10	1.77	0.002481	± 2.5	PASS
		VN	20	2.87	0.004022	± 2.5	PASS
		VN	30	1.76	0.002467	± 2.5	PASS
		VN	40	4.28	0.005999	± 2.5	PASS
		VN	50	2.08	0.002915	± 2.5	PASS
16QAM	LCH	VN	-30	3.02	0.004275	± 2.5	PASS
		VN	-20	0.58	0.000821	± 2.5	PASS
		VN	-10	4.66	0.006596	± 2.5	PASS
		VN	0	2.74	0.003878	± 2.5	PASS
		VN	10	3.62	0.005124	± 2.5	PASS
		VN	20	2.49	0.003524	± 2.5	PASS
		VN	30	2.29	0.003241	± 2.5	PASS
		VN	40	-0.2	-0.000283	± 2.5	PASS
		VN	50	-0.86	-0.001217	± 2.5	PASS
	MCH	VN	-30	2.44	0.003420	± 2.5	PASS
		VN	-20	0.66	0.000925	± 2.5	PASS
		VN	-10	0.25	0.000350	± 2.5	PASS
		VN	0	4.24	0.005943	± 2.5	PASS
		VN	10	-1.06	-0.001486	± 2.5	PASS
		VN	20	-1.85	-0.002593	± 2.5	PASS
		VN	30	4.8	0.006727	± 2.5	PASS
		VN	40	2.88	0.004036	± 2.5	PASS
		VN	50	-1.99	-0.002789	± 2.5	PASS
	HCH	VN	-30	-1.61	-0.002256	± 2.5	PASS
		VN	-20	-0.39	-0.000547	± 2.5	PASS
		VN	-10	3.02	0.004233	± 2.5	PASS
		VN	0	-0.41	-0.000575	± 2.5	PASS
		VN	10	0.59	0.000827	± 2.5	PASS
		VN	20	0.26	0.000364	± 2.5	PASS

		VN	30	3.07	0.004303	± 2.5	PASS
		VN	40	1.62	0.002270	± 2.5	PASS
		VN	50	1.89	0.002649	± 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	LCH	VL	TN	1.47	0.002073	± 2.5	PASS
		VN	TN	4.38	0.006178	± 2.5	PASS
		VH	TN	0.67	0.000945	± 2.5	PASS
	MCH	VL	TN	3.33	0.004690	± 2.5	PASS
		VN	TN	4.57	0.006437	± 2.5	PASS
		VH	TN	3.48	0.004901	± 2.5	PASS
	HCH	VL	TN	-0.16	-0.000225	± 2.5	PASS
		VN	TN	1.02	0.001435	± 2.5	PASS
		VH	TN	4.95	0.006962	± 2.5	PASS
16QAM	LCH	VL	TN	2.47	0.003484	± 2.5	PASS
		VN	TN	-1	-0.001410	± 2.5	PASS
		VH	TN	2.08	0.002934	± 2.5	PASS
	MCH	VL	TN	0.18	0.000254	± 2.5	PASS
		VN	TN	2.67	0.003761	± 2.5	PASS
		VH	TN	-0.8	-0.001127	± 2.5	PASS
	HCH	VL	TN	3.86	0.005429	± 2.5	PASS
		VN	TN	-1.04	-0.001463	± 2.5	PASS
		VH	TN	-1.42	-0.001997	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
16QAM	LCH	VN	-30	4.46	0.006291	± 2.5	PASS
		VN	-20	-1.92	-0.002708	± 2.5	PASS
		VN	-10	4.86	0.006855	± 2.5	PASS
		VN	0	0.35	0.000494	± 2.5	PASS
		VN	10	2.72	0.003836	± 2.5	PASS
		VN	20	2.09	0.002948	± 2.5	PASS
		VN	30	-1.17	-0.001650	± 2.5	PASS
		VN	40	2.37	0.003343	± 2.5	PASS
		VN	50	2.01	0.002835	± 2.5	PASS
	MCH	VN	-30	0.68	0.000958	± 2.5	PASS
		VN	-20	4.1	0.005775	± 2.5	PASS

		VN	-10	3.87	0.005451	± 2.5	PASS
		VN	0	0.93	0.001310	± 2.5	PASS
		VN	10	0.61	0.000859	± 2.5	PASS
		VN	20	1.1	0.001549	± 2.5	PASS
		VN	30	0.68	0.000958	± 2.5	PASS
		VN	40	3.32	0.004676	± 2.5	PASS
		VN	50	3.71	0.005225	± 2.5	PASS
	HCH	VN	-30	1.69	0.002377	± 2.5	PASS
		VN	-20	-0.85	-0.001195	± 2.5	PASS
		VN	-10	-0.39	-0.000549	± 2.5	PASS
		VN	0	0.25	0.000352	± 2.5	PASS
		VN	10	4.47	0.006287	± 2.5	PASS
		VN	20	-0.13	-0.000183	± 2.5	PASS
		VN	30	0.22	0.000309	± 2.5	PASS
		VN	40	1.04	0.001463	± 2.5	PASS
		VN	50	-0.3	-0.000422	± 2.5	PASS
QPSK	LCH	VN	-30	4.09	0.005761	± 2.5	PASS
		VN	-20	0.79	0.001113	± 2.5	PASS
		VN	-10	3.4	0.004789	± 2.5	PASS
		VN	0	4.9	0.006901	± 2.5	PASS
		VN	10	2.4	0.003380	± 2.5	PASS
		VN	20	-0.04	-0.000056	± 2.5	PASS
		VN	30	0.99	0.001394	± 2.5	PASS
		VN	40	1.98	0.002789	± 2.5	PASS
		VN	50	1.48	0.002085	± 2.5	PASS
	MCH	VN	-30	-0.23	-0.000323	± 2.5	PASS
		VN	-20	0.1	0.000141	± 2.5	PASS
		VN	-10	-0.22	-0.000309	± 2.5	PASS
		VN	0	2.27	0.003193	± 2.5	PASS
		VN	10	2.38	0.003347	± 2.5	PASS
		VN	20	0.37	0.000520	± 2.5	PASS
		VN	30	2.32	0.003263	± 2.5	PASS
		VN	40	-1.04	-0.001463	± 2.5	PASS
		VN	50	0.05	0.000070	± 2.5	PASS
	HCH	VN	-30	1.73	0.002433	± 2.5	PASS
		VN	-20	-0.53	-0.000745	± 2.5	PASS
		VN	-10	1.11	0.001561	± 2.5	PASS
		VN	0	0.69	0.000970	± 2.5	PASS
		VN	10	4.47	0.006287	± 2.5	PASS
		VN	20	0.65	0.000914	± 2.5	PASS
		VN	30	0.69	0.000970	± 2.5	PASS

		VN	40	2.6	0.003657	± 2.5	PASS
		VN	50	-1.04	-0.001463	± 2.5	PASS