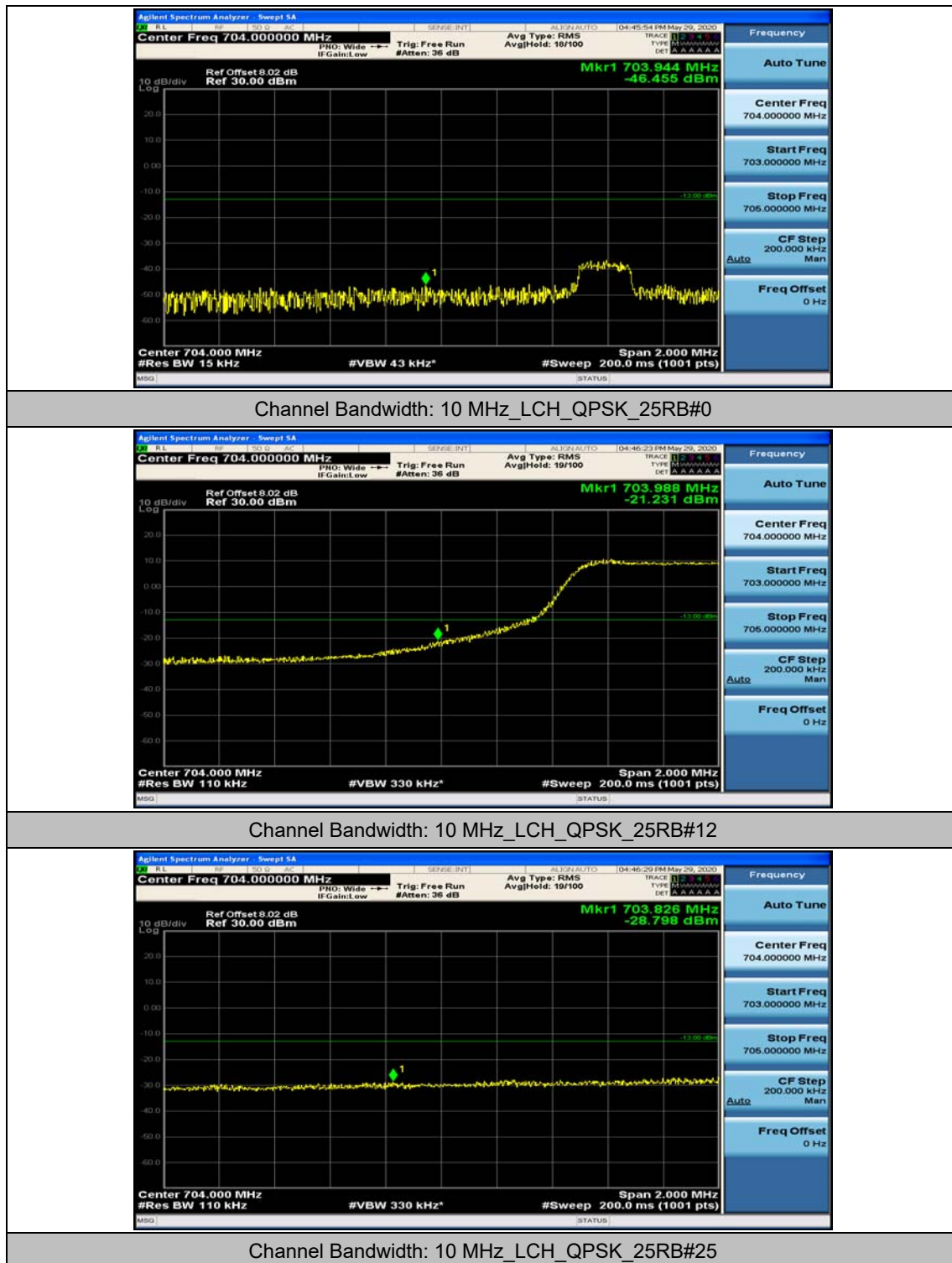
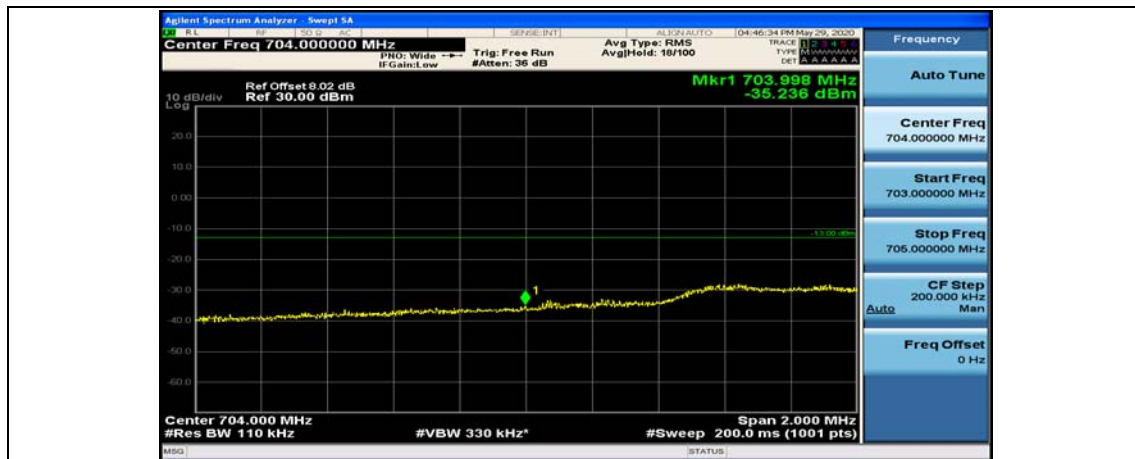


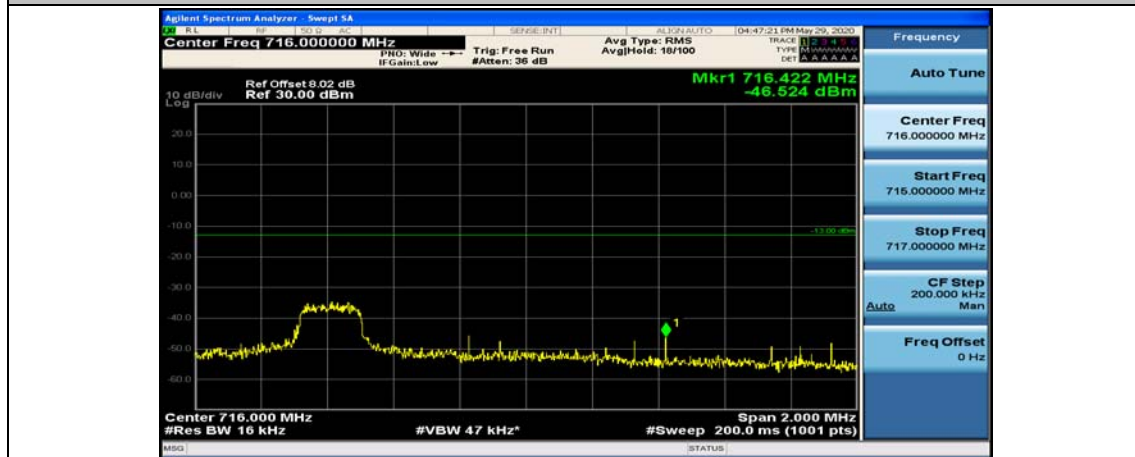




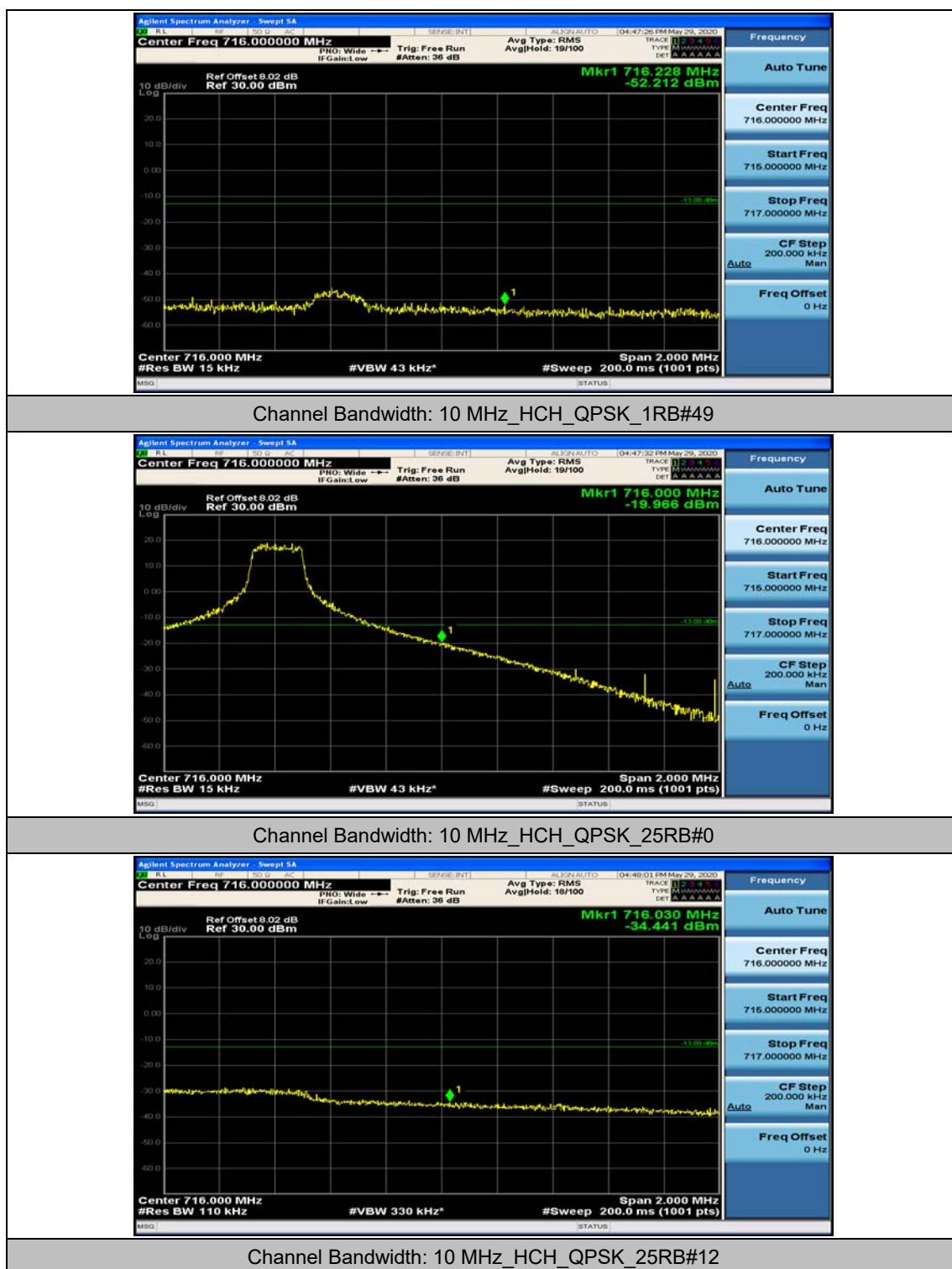
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0

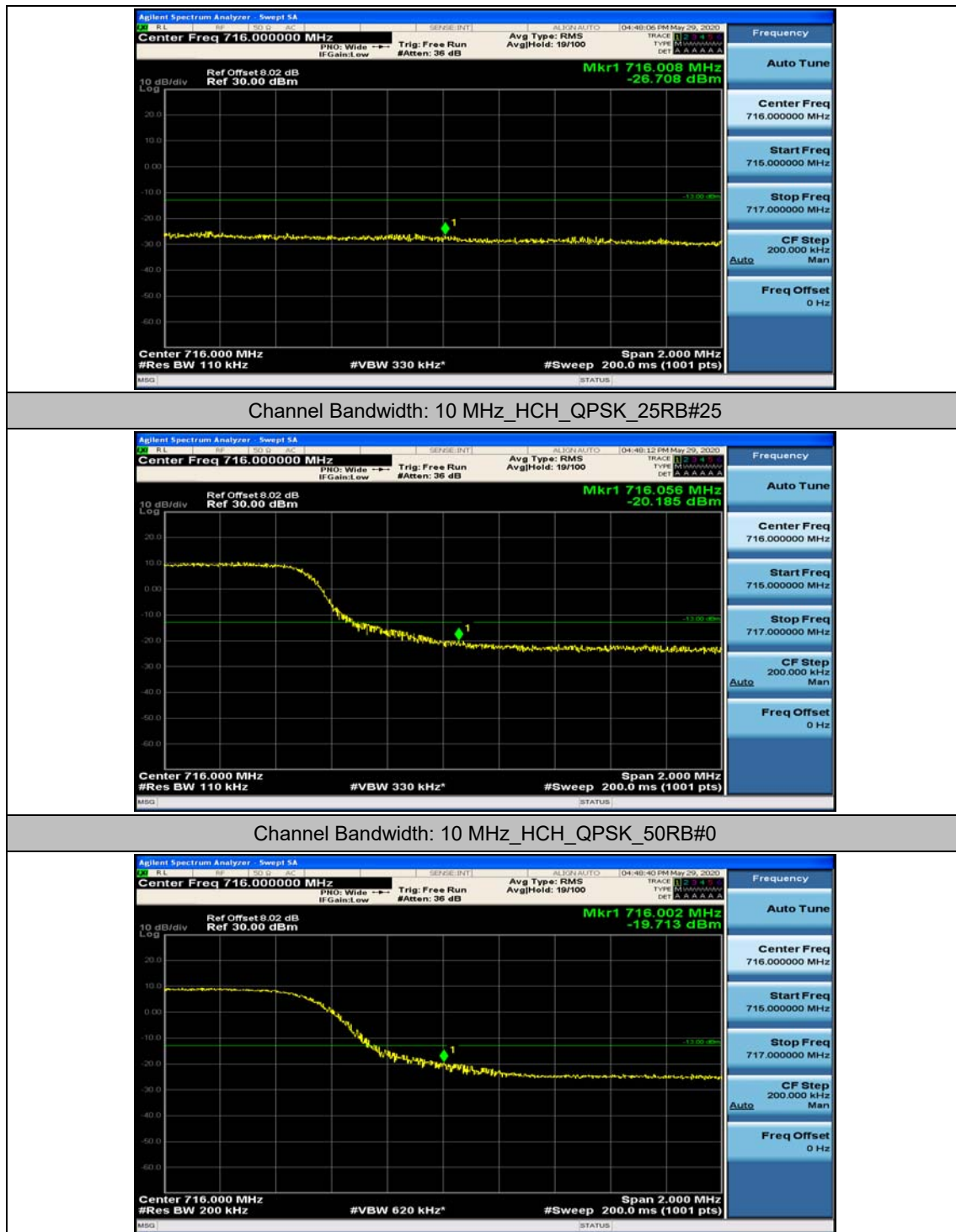


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

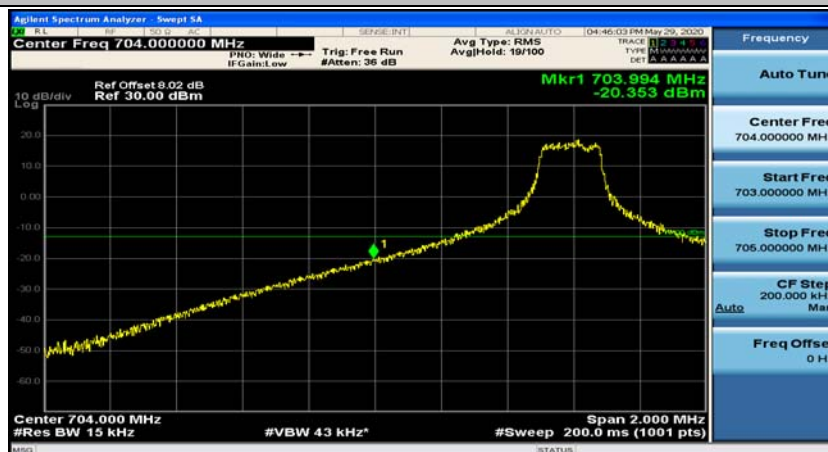


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

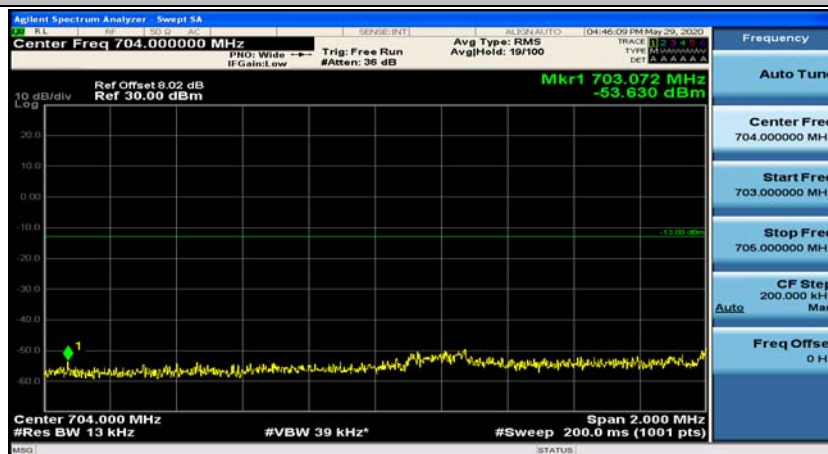




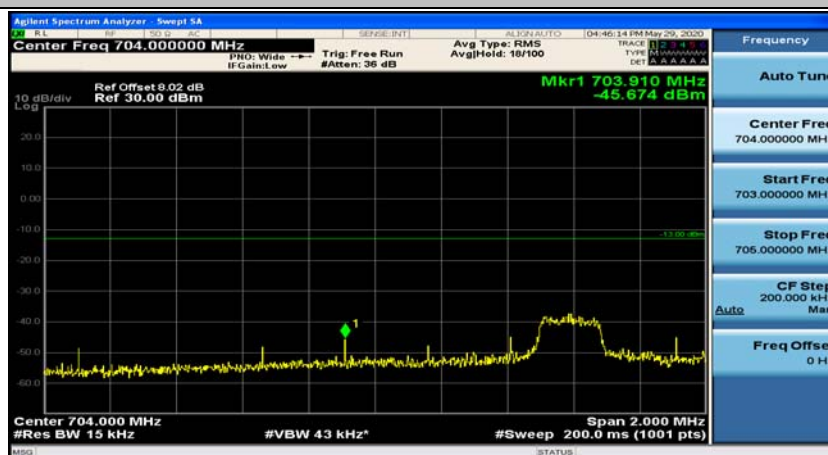
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



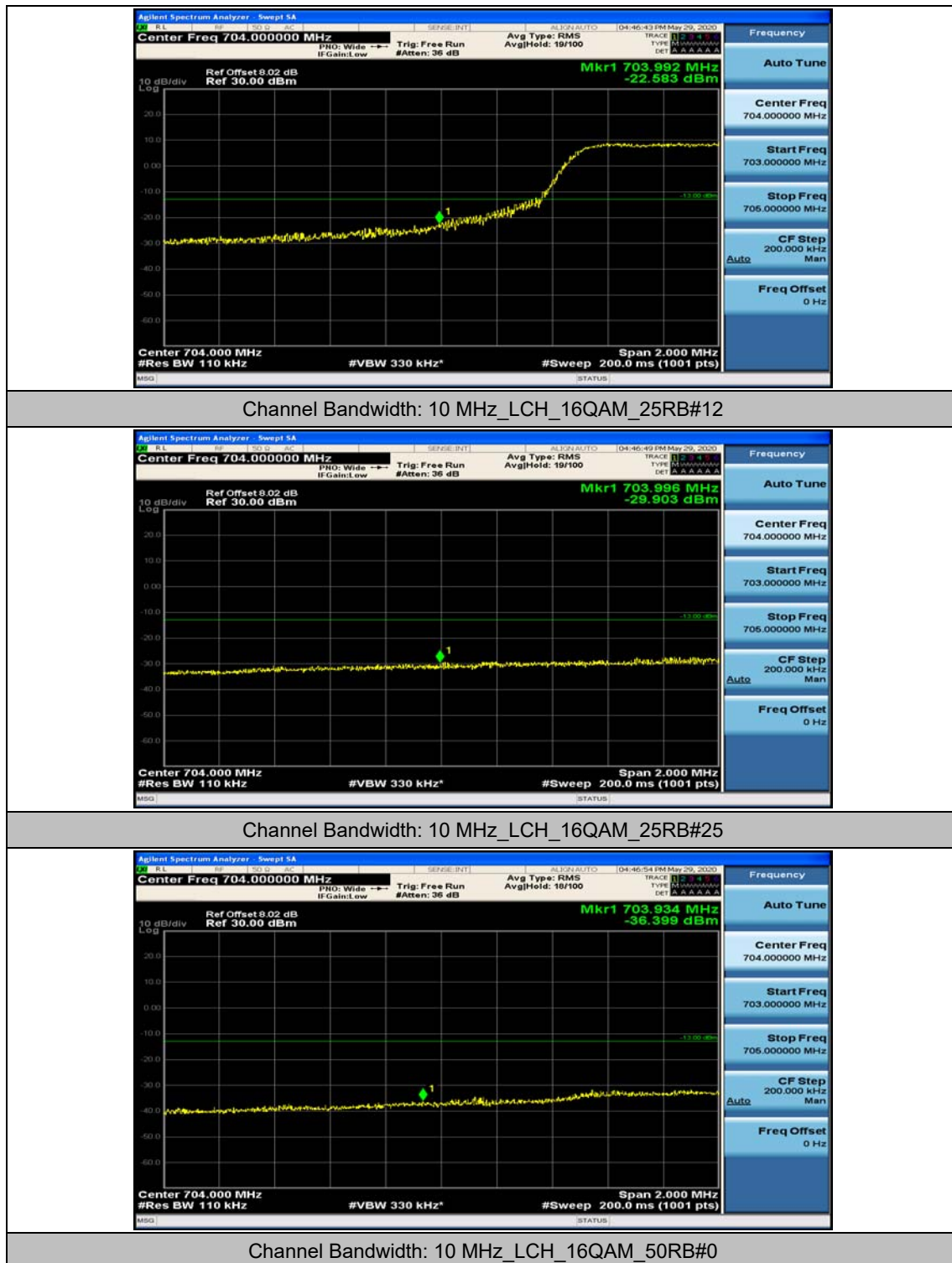
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49

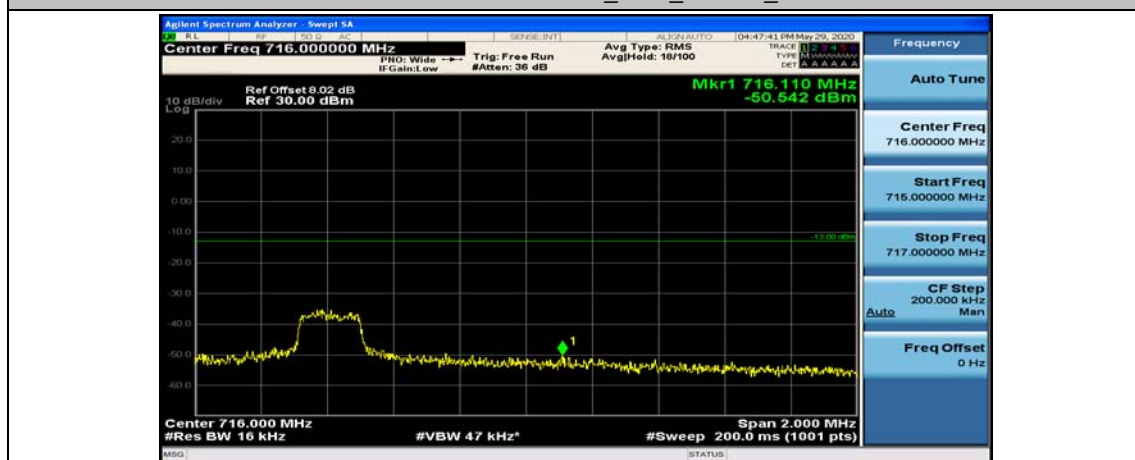


Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0

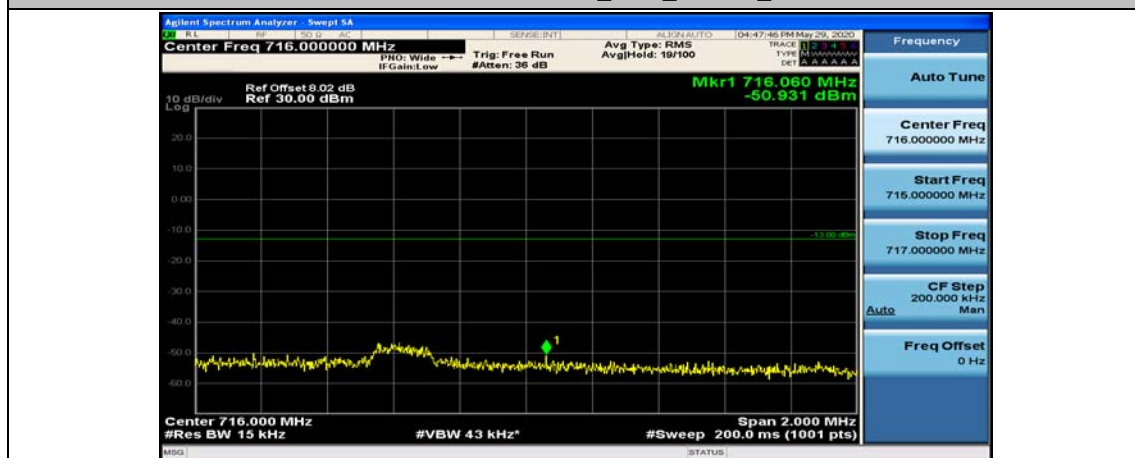




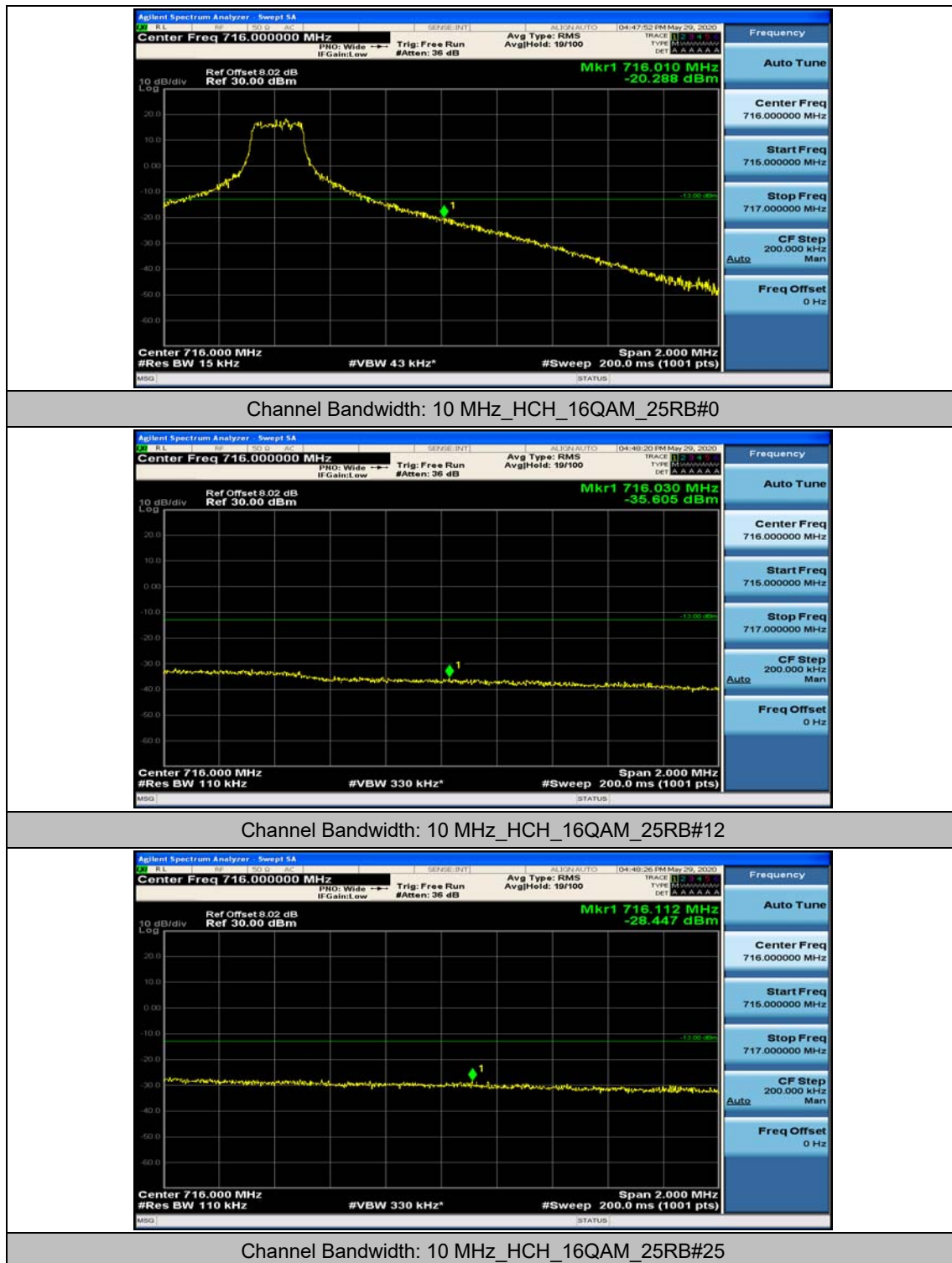
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0

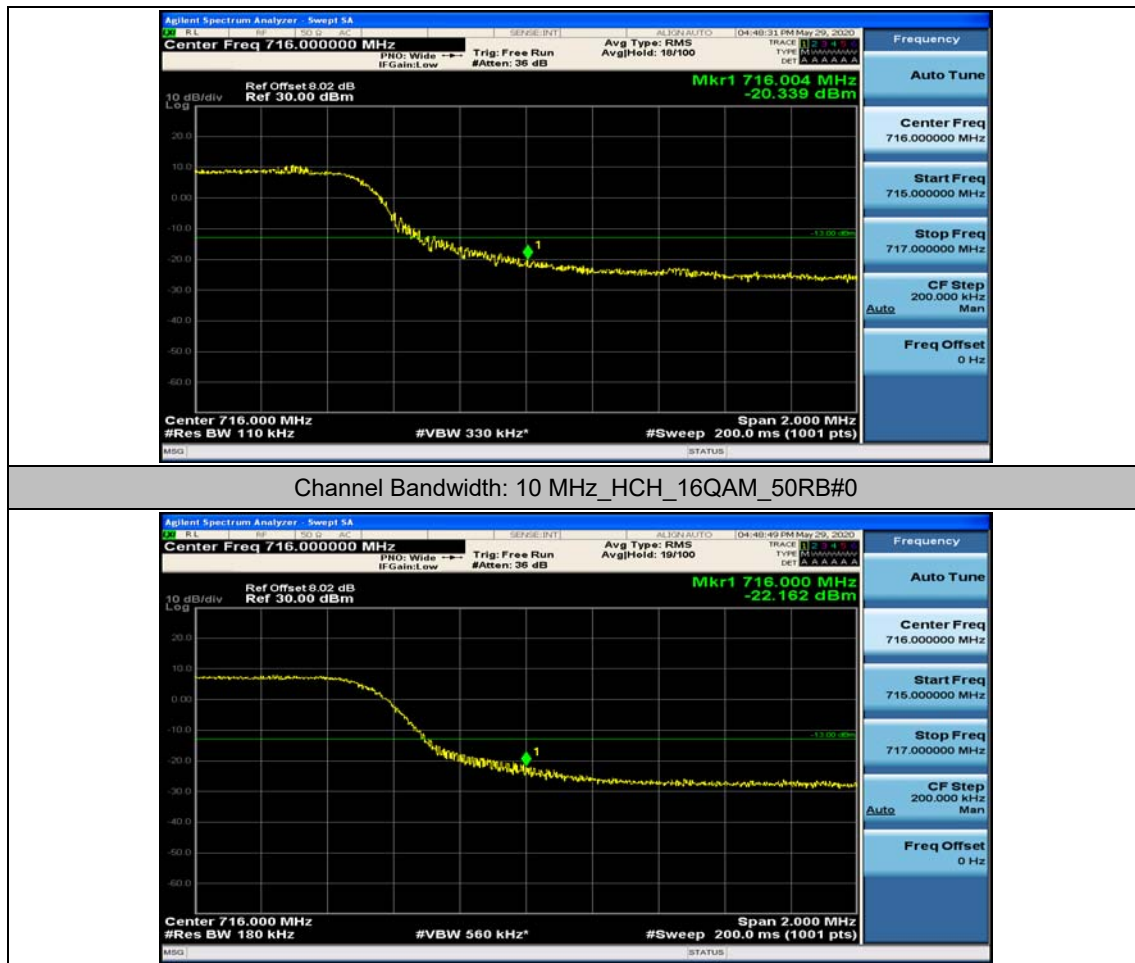


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49

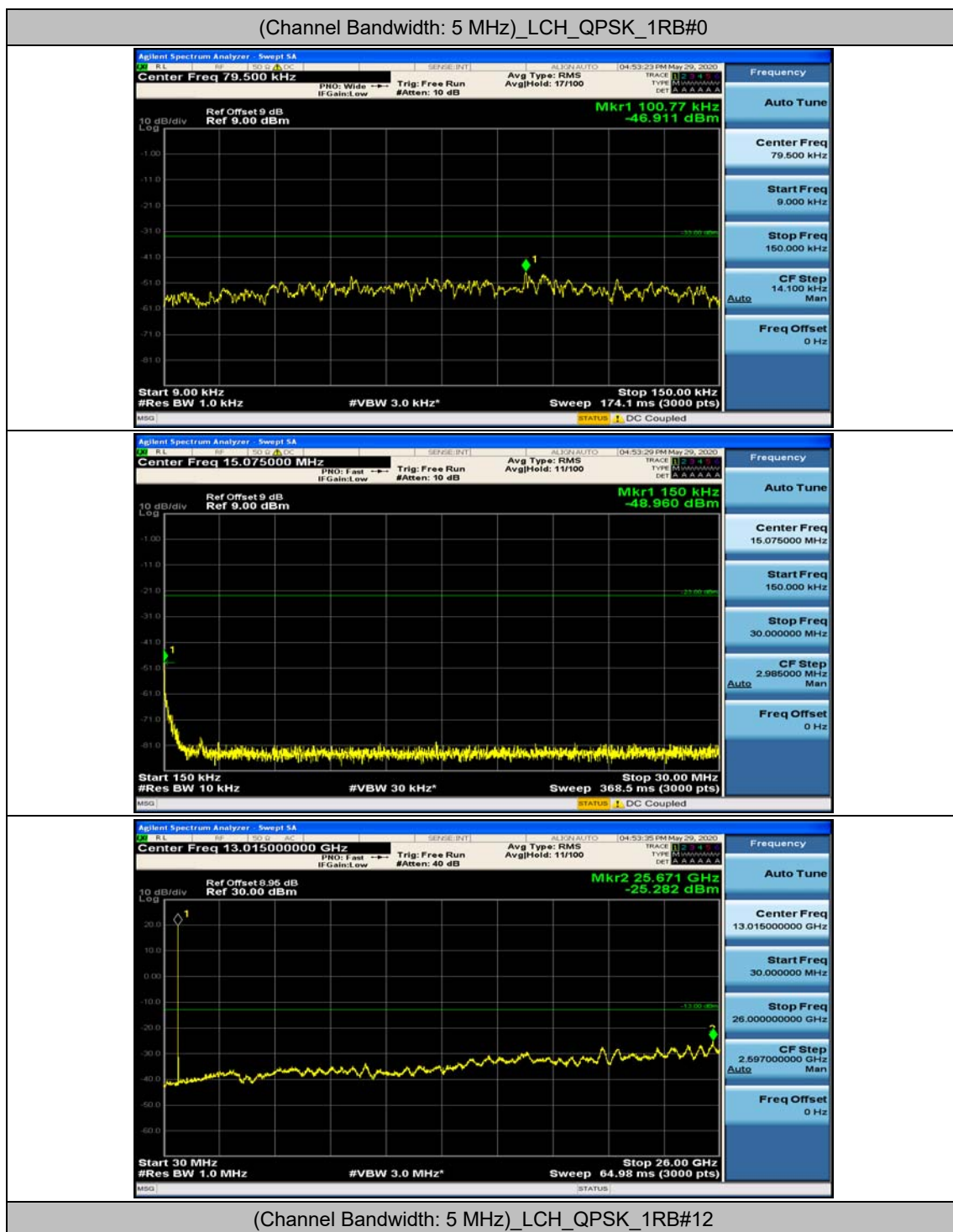


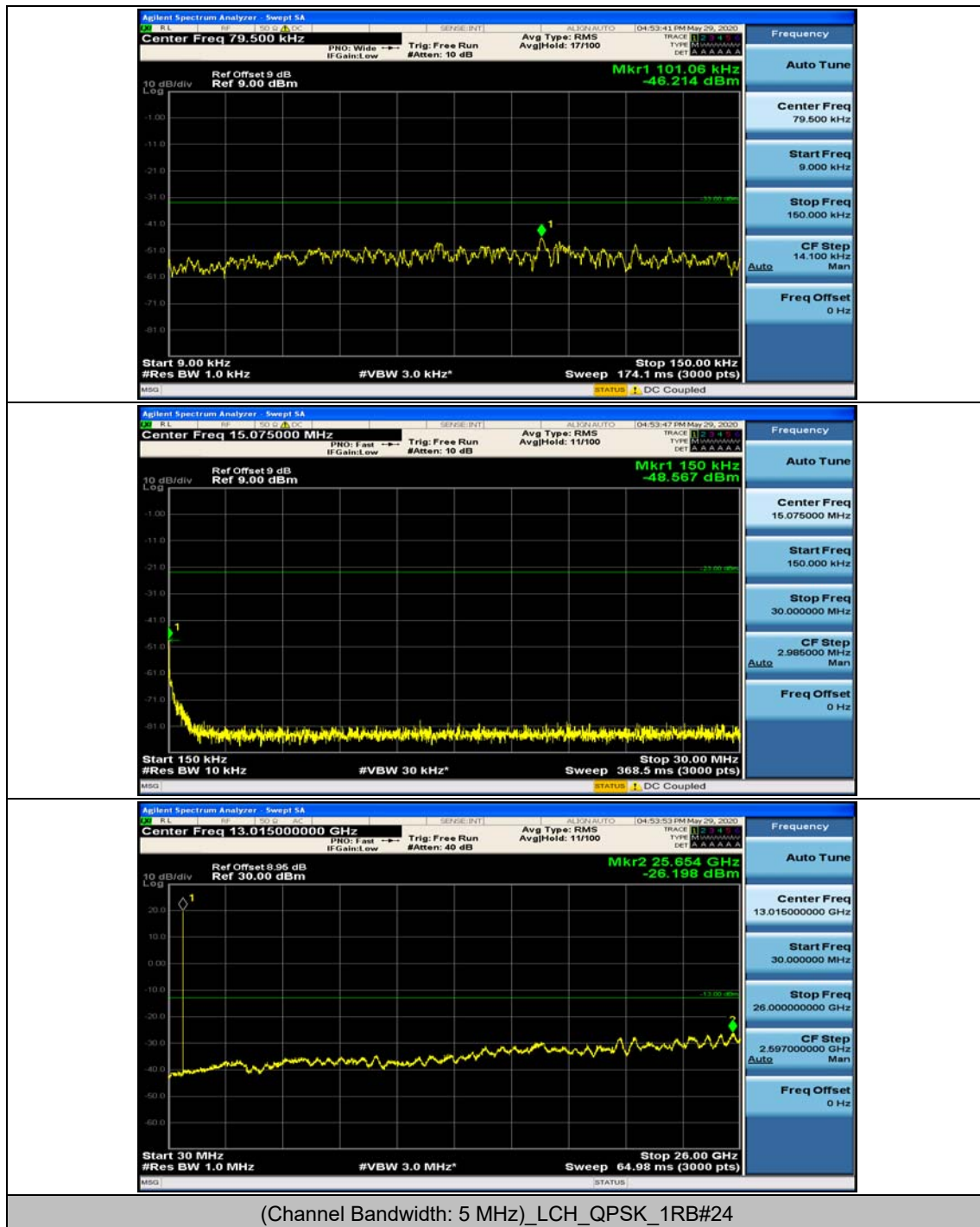


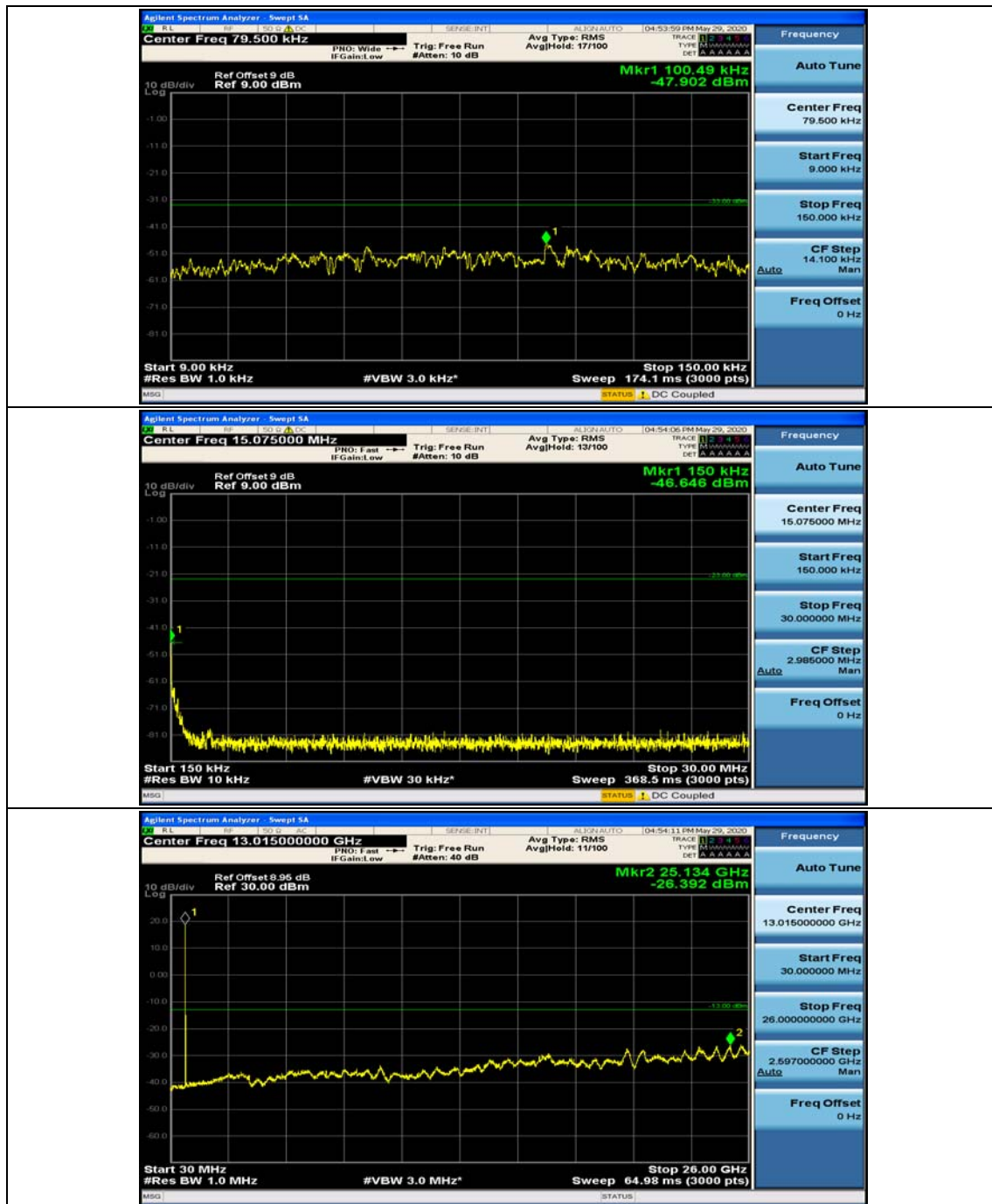
Appendix E: Conducted Spurious Emission

Test Graphs

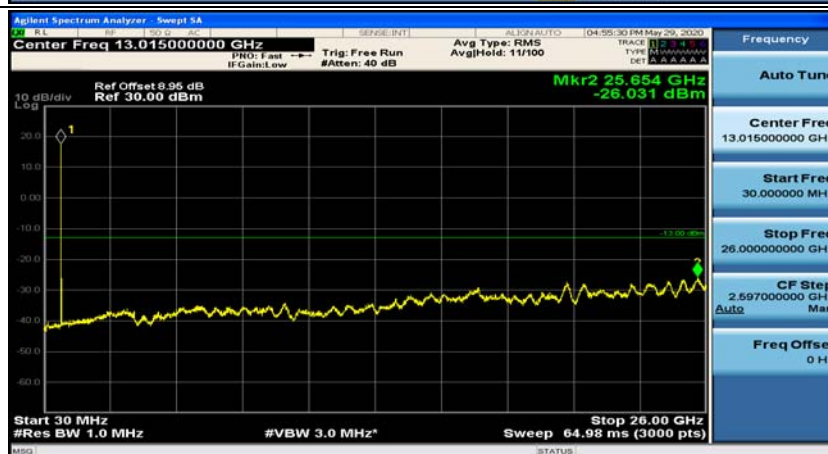
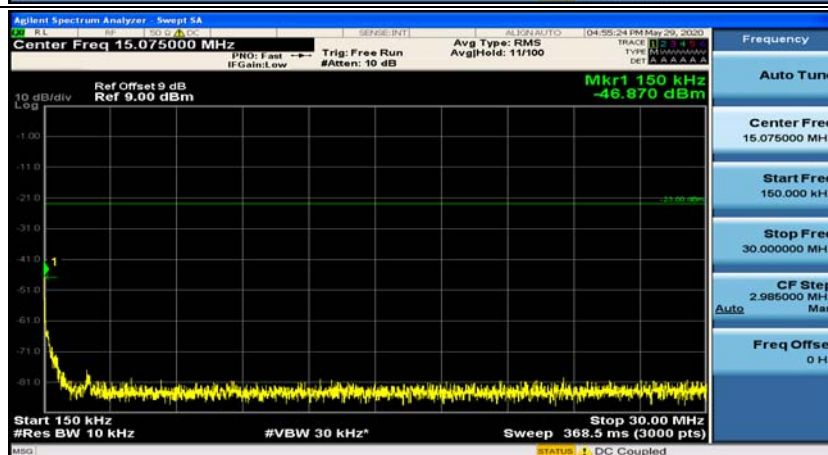
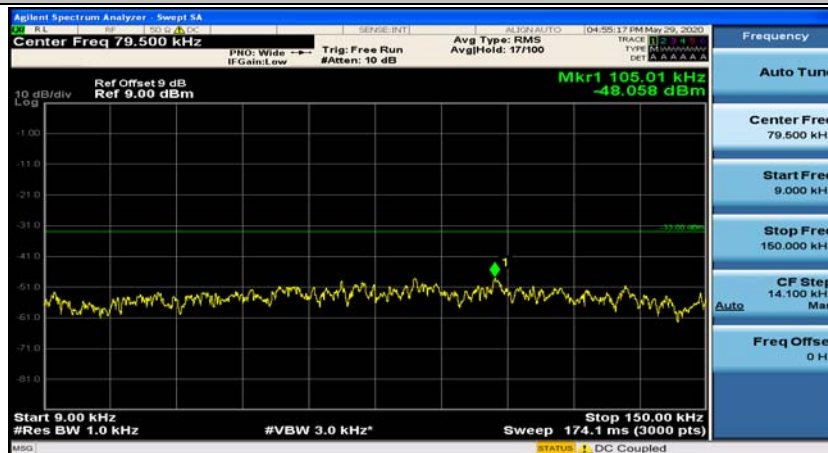
Channel Bandwidth: 5 MHz



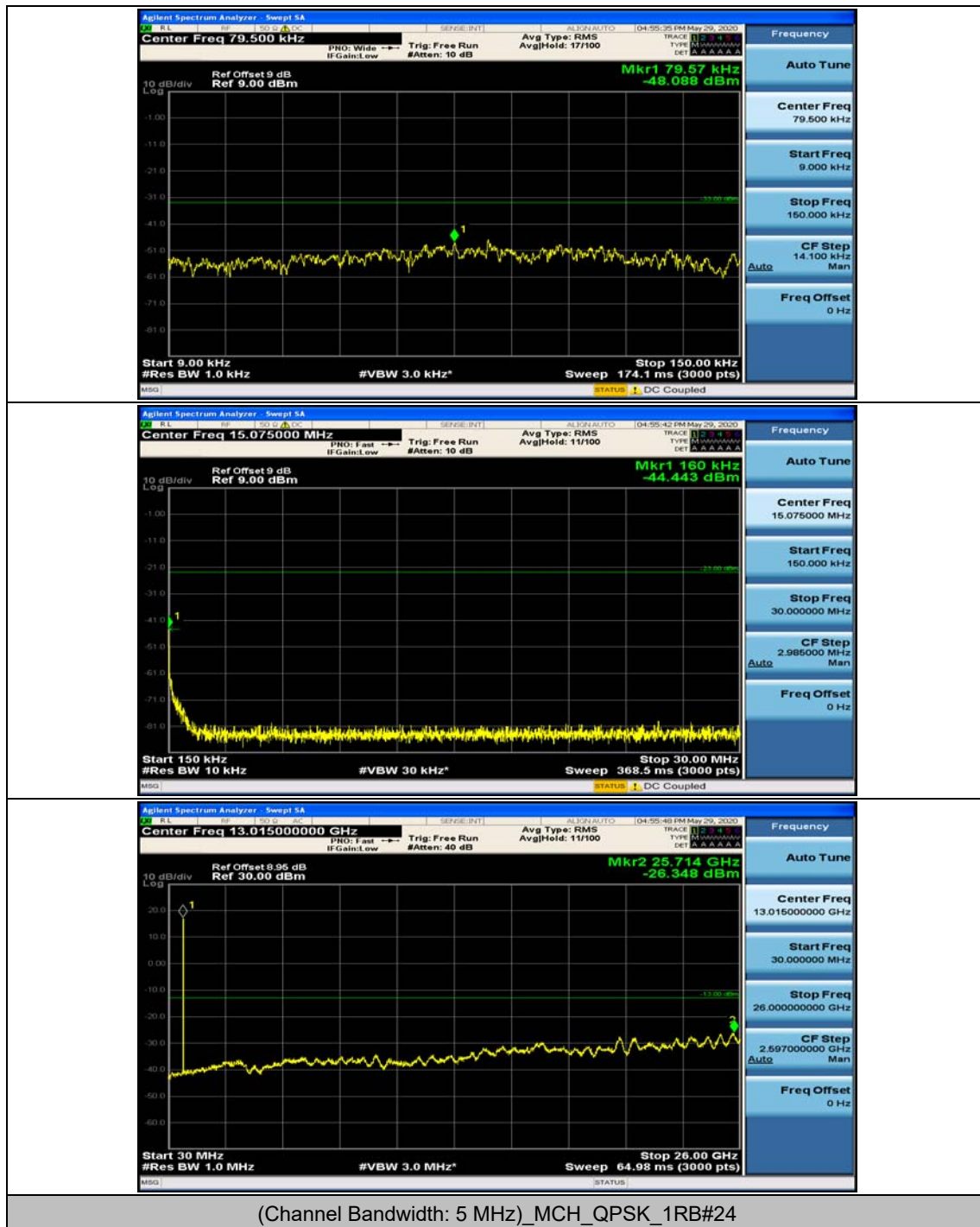


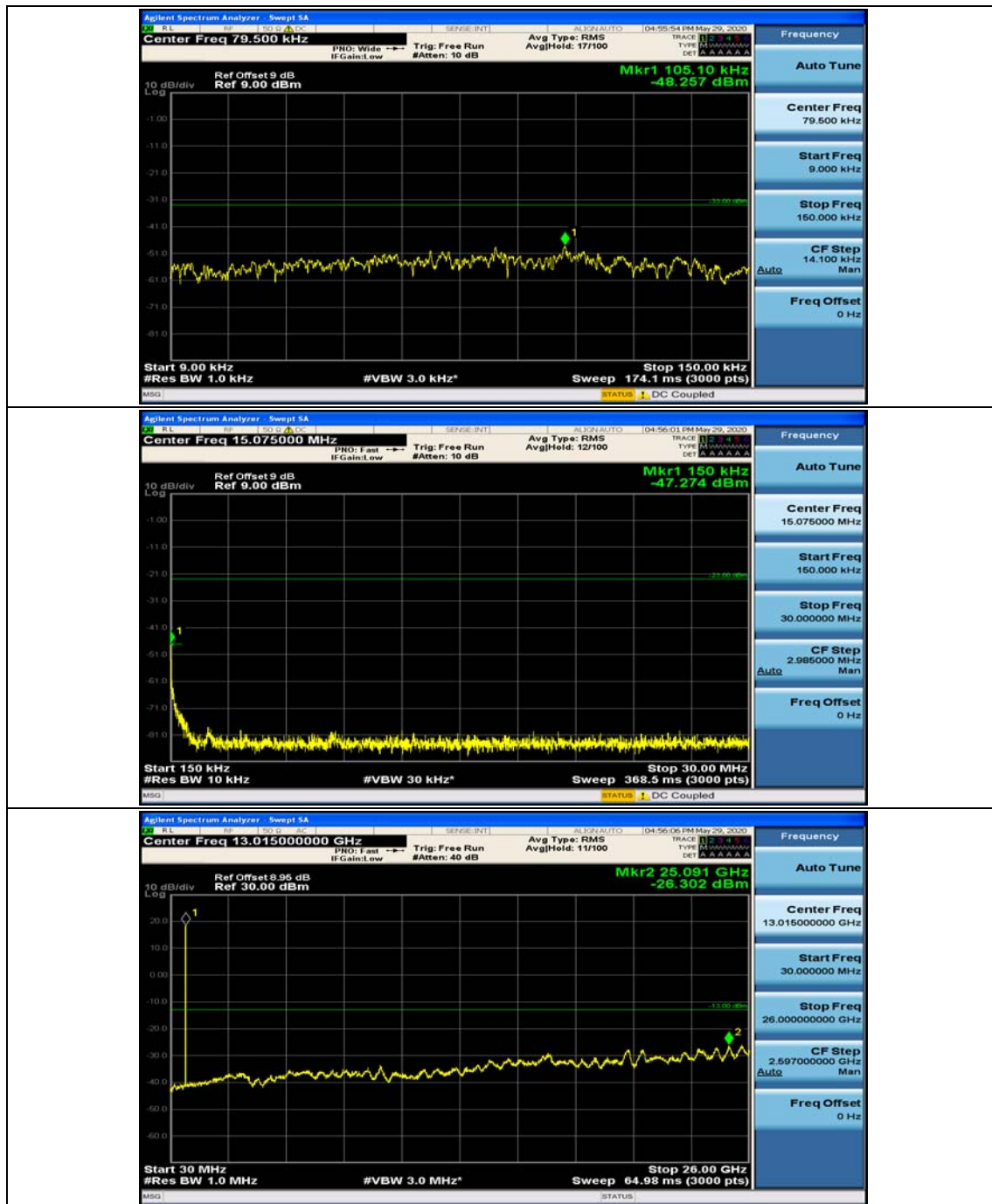


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

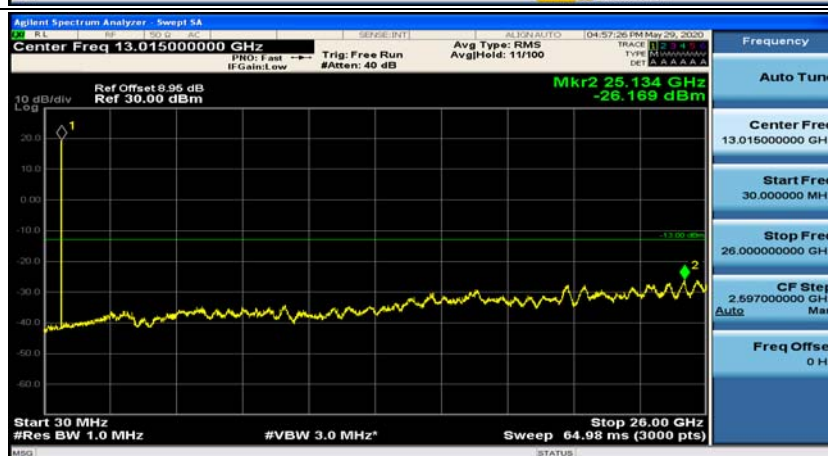
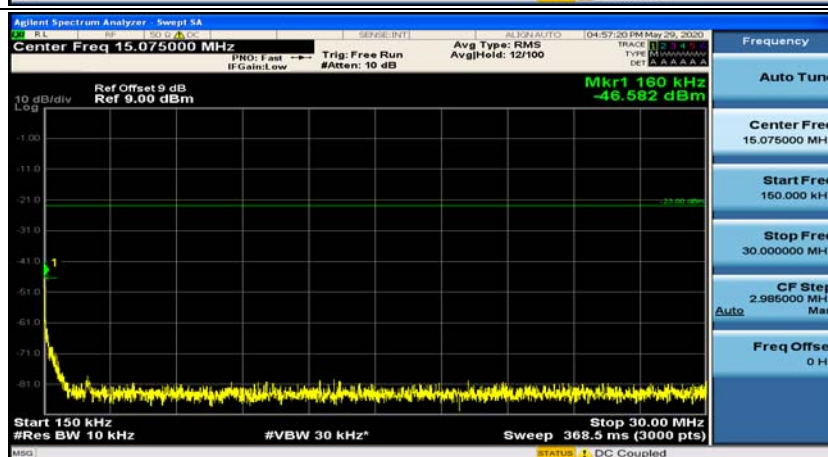
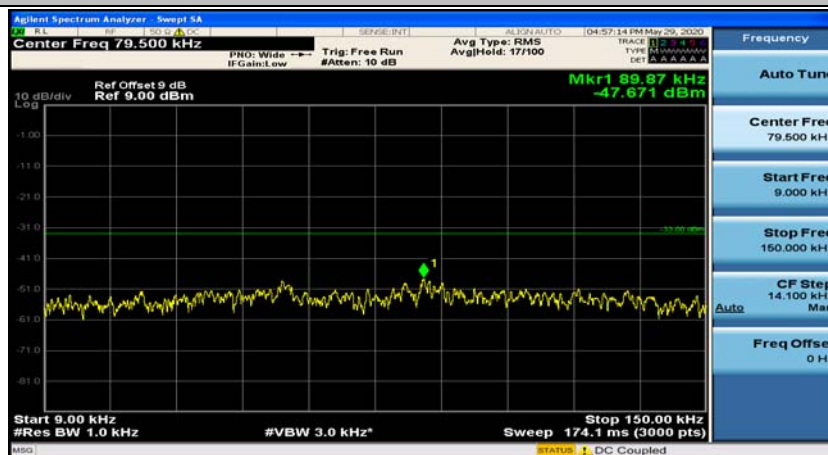


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

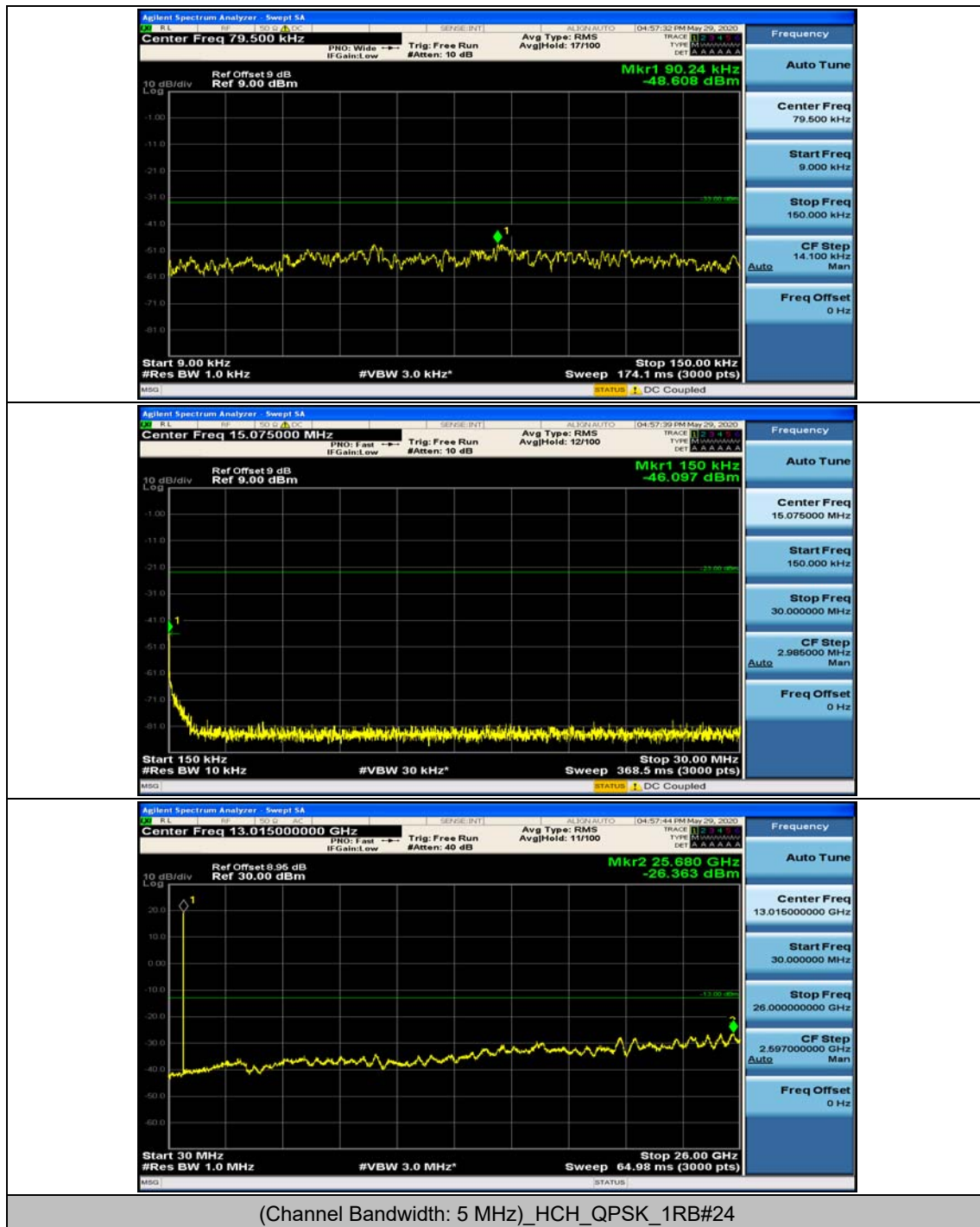


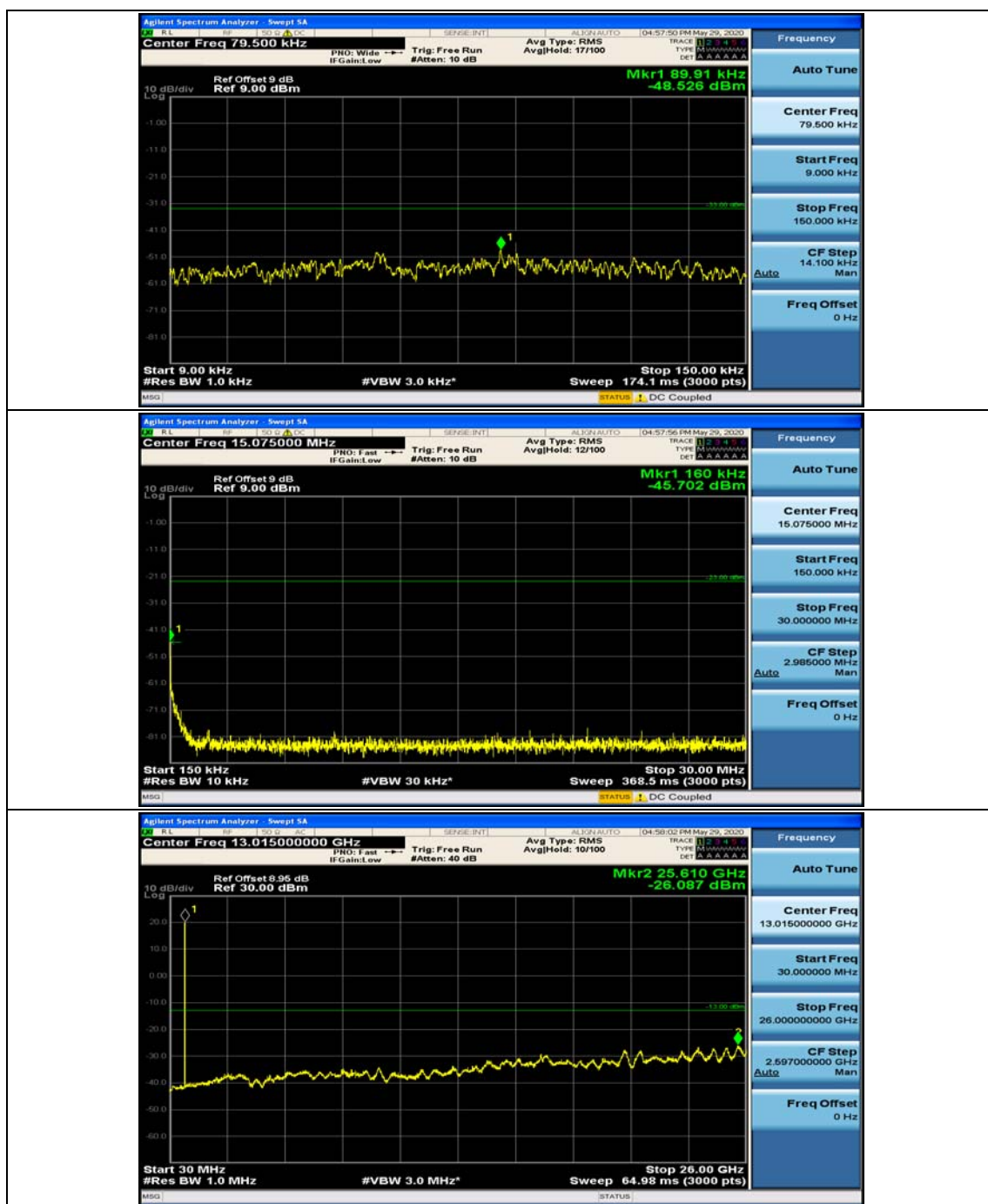


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

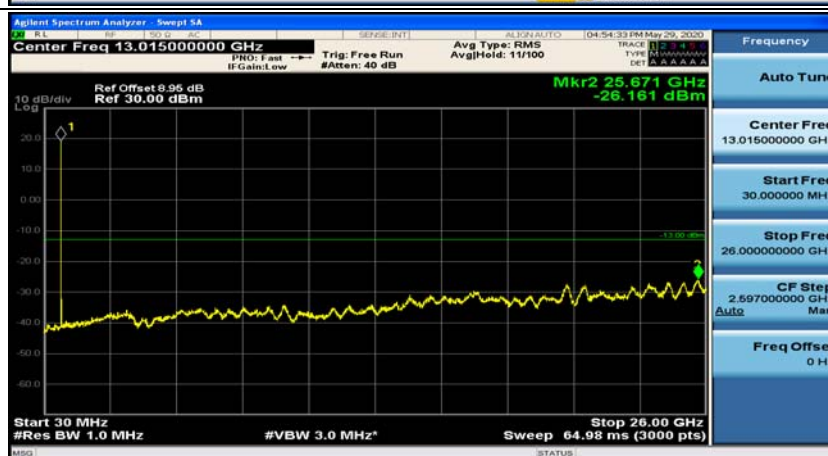
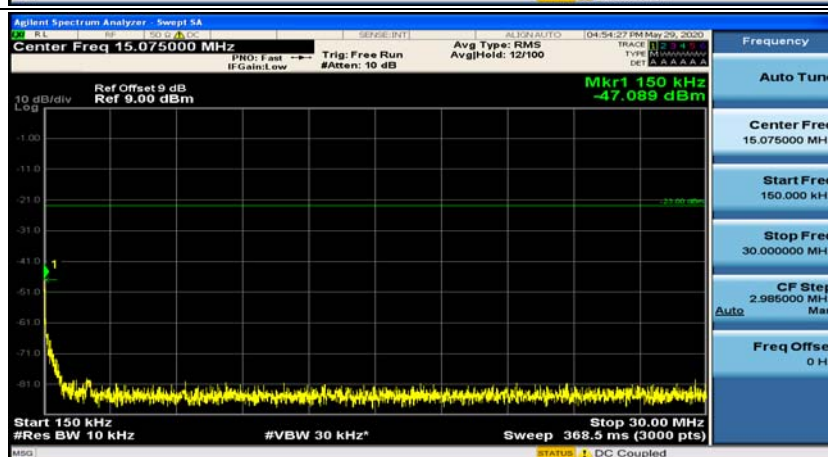
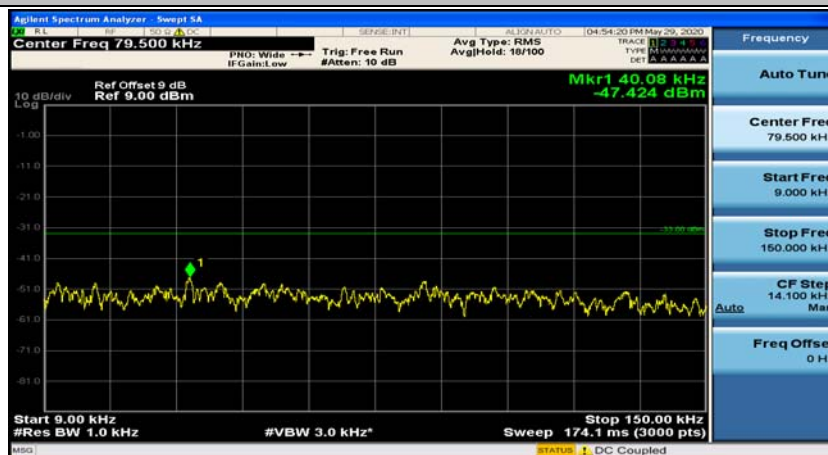


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

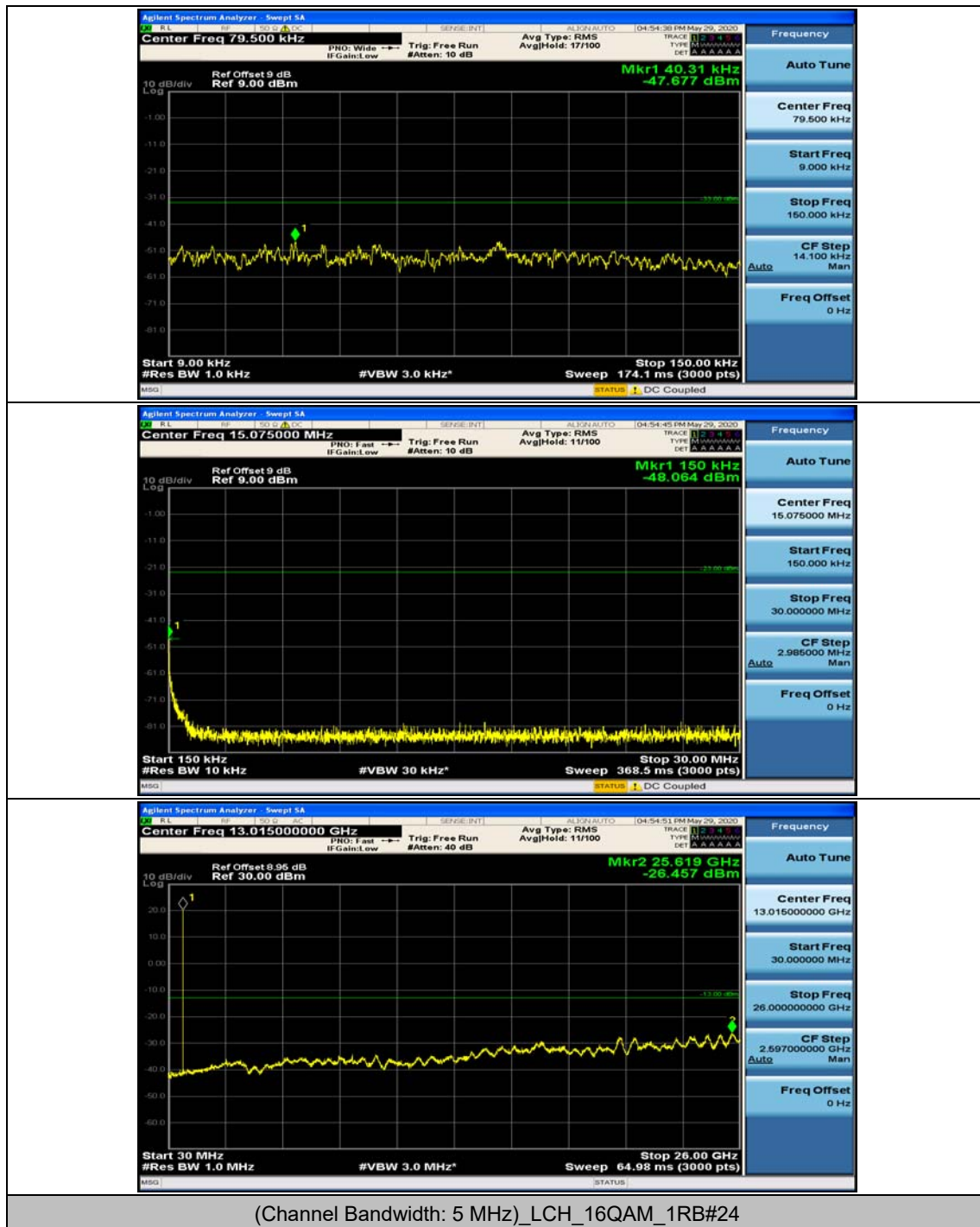


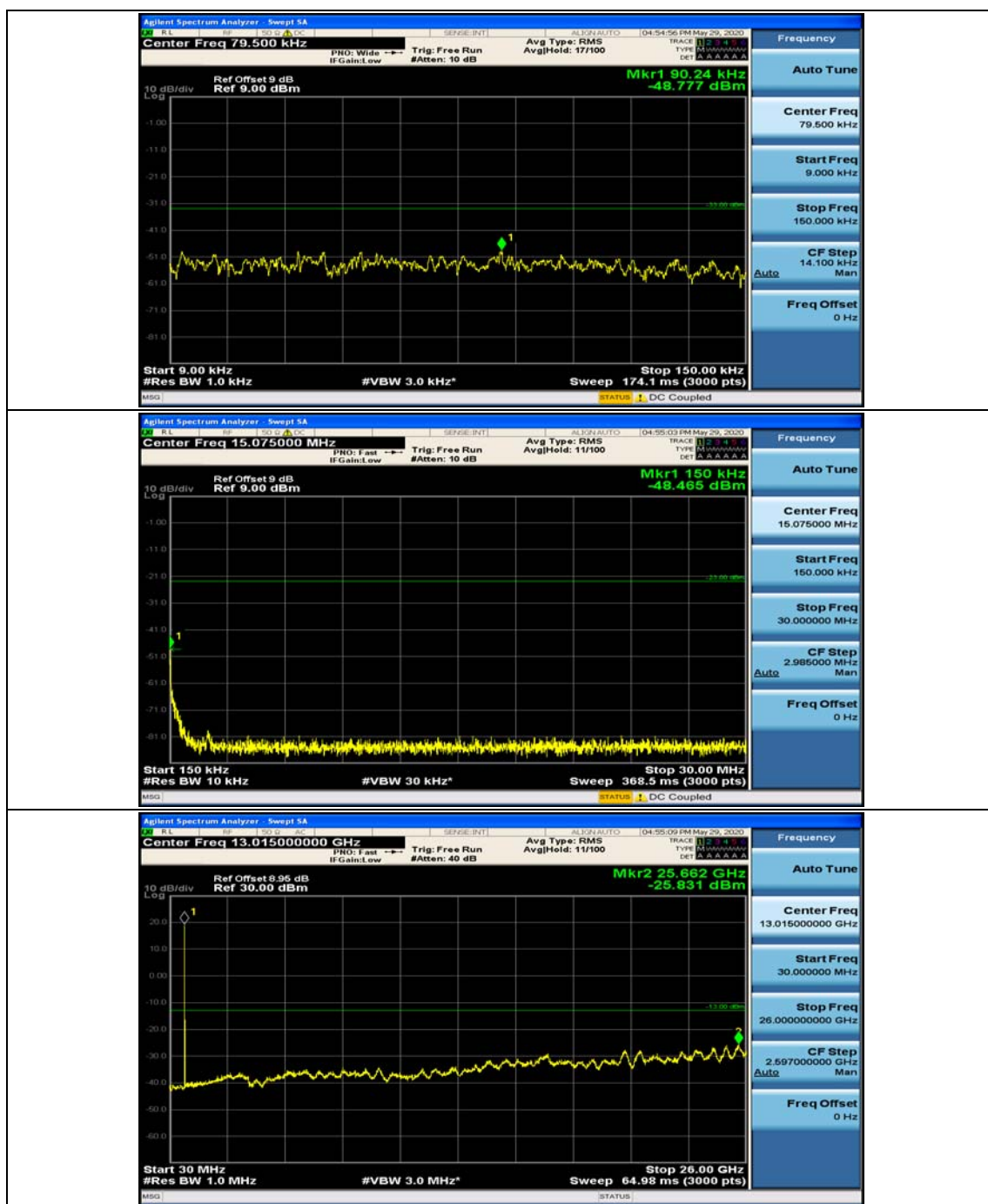


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

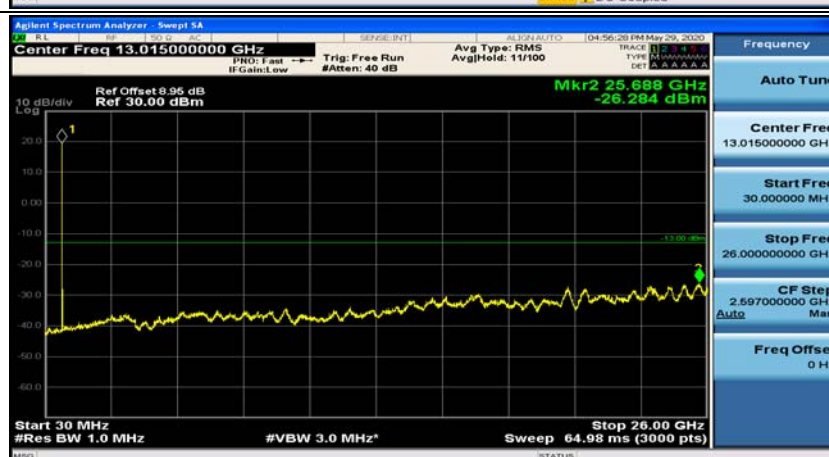
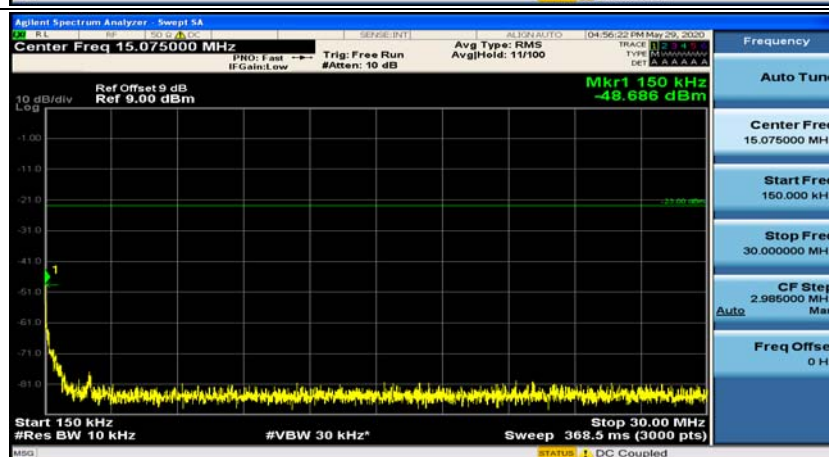


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12

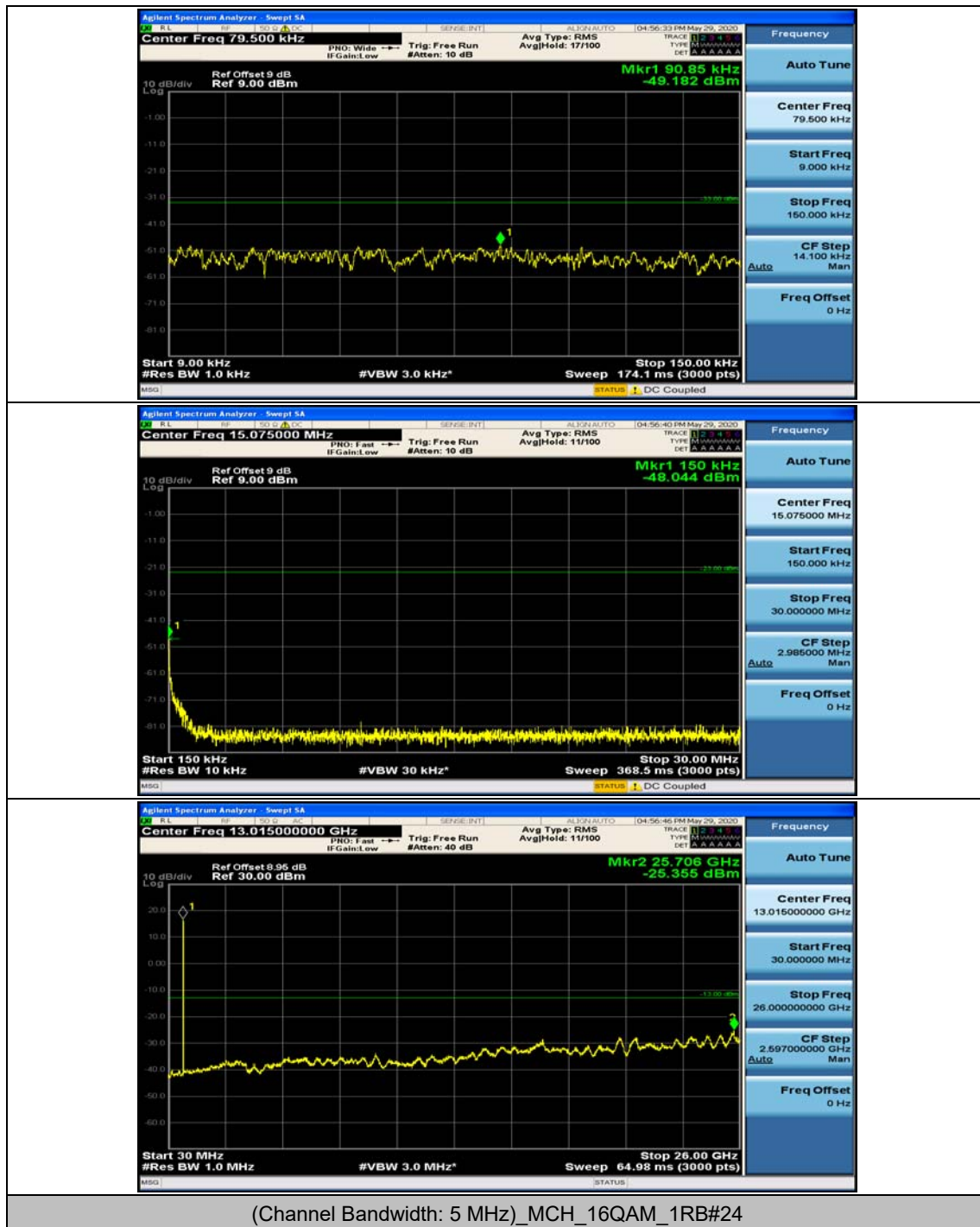


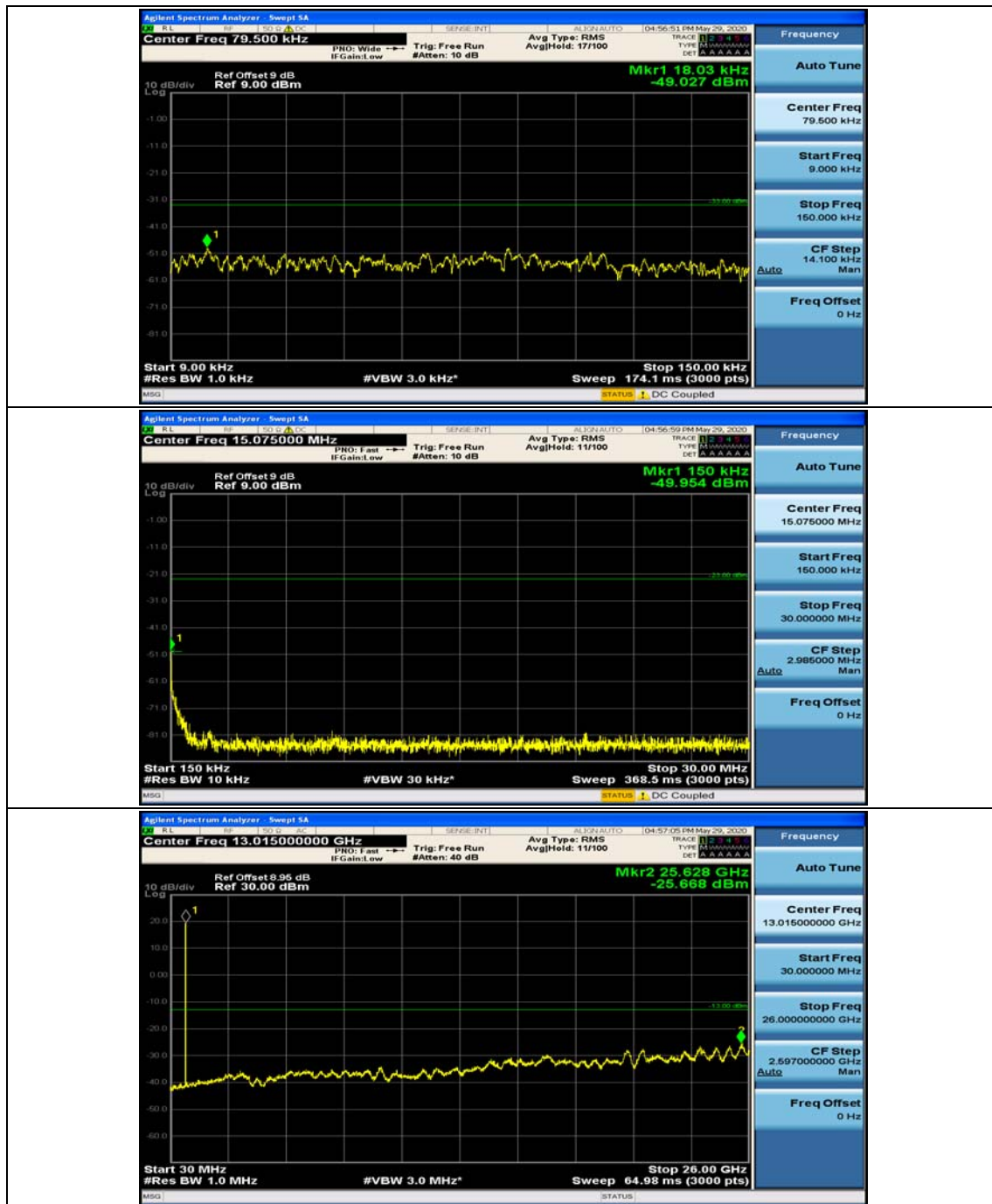


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

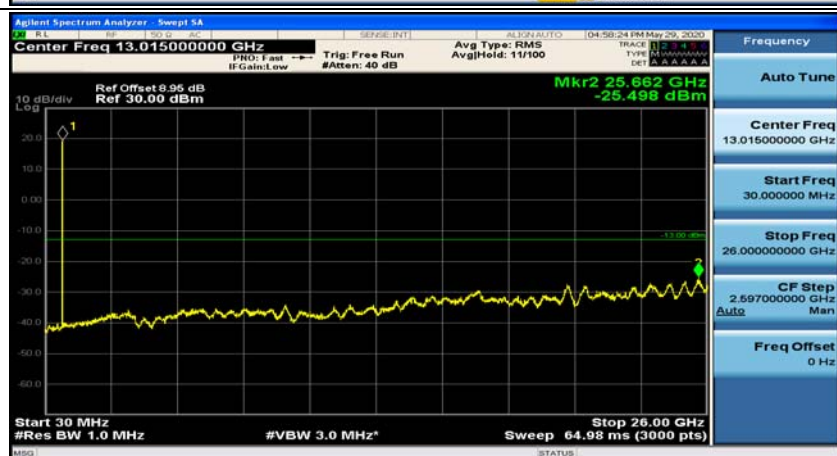
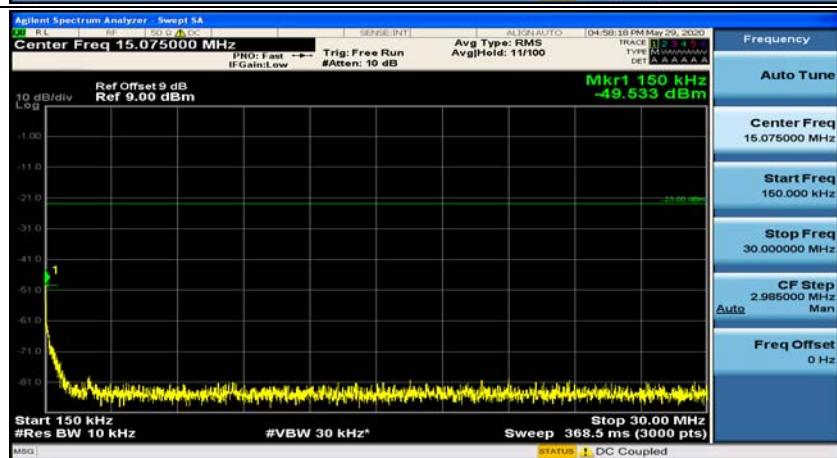
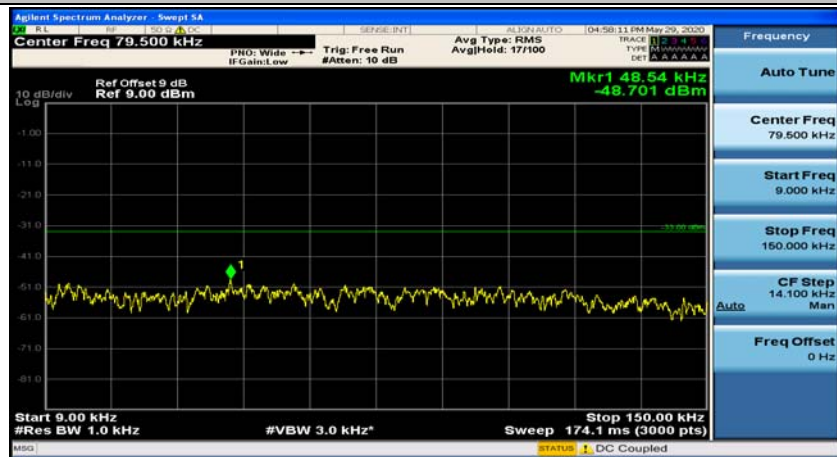


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12

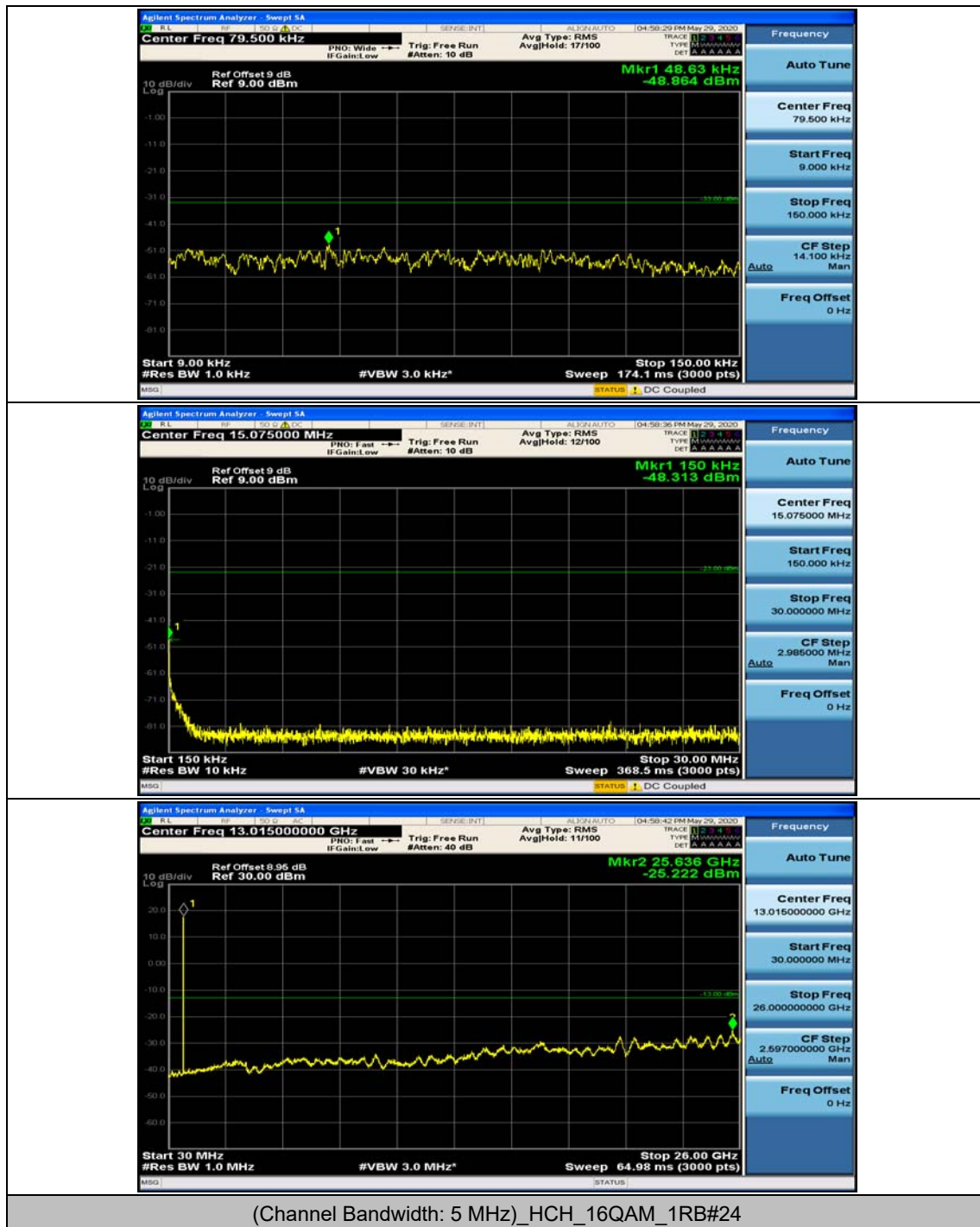


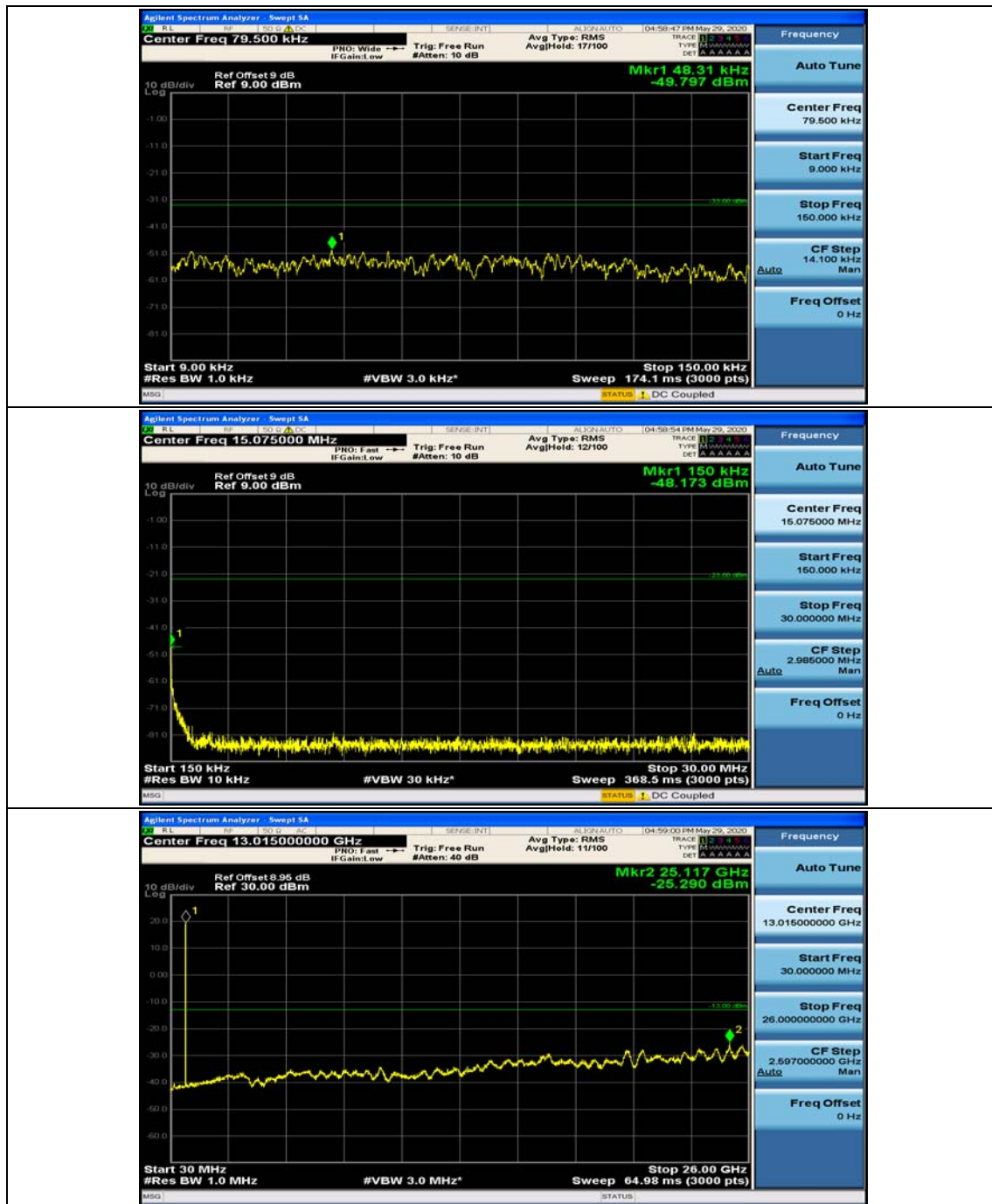


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

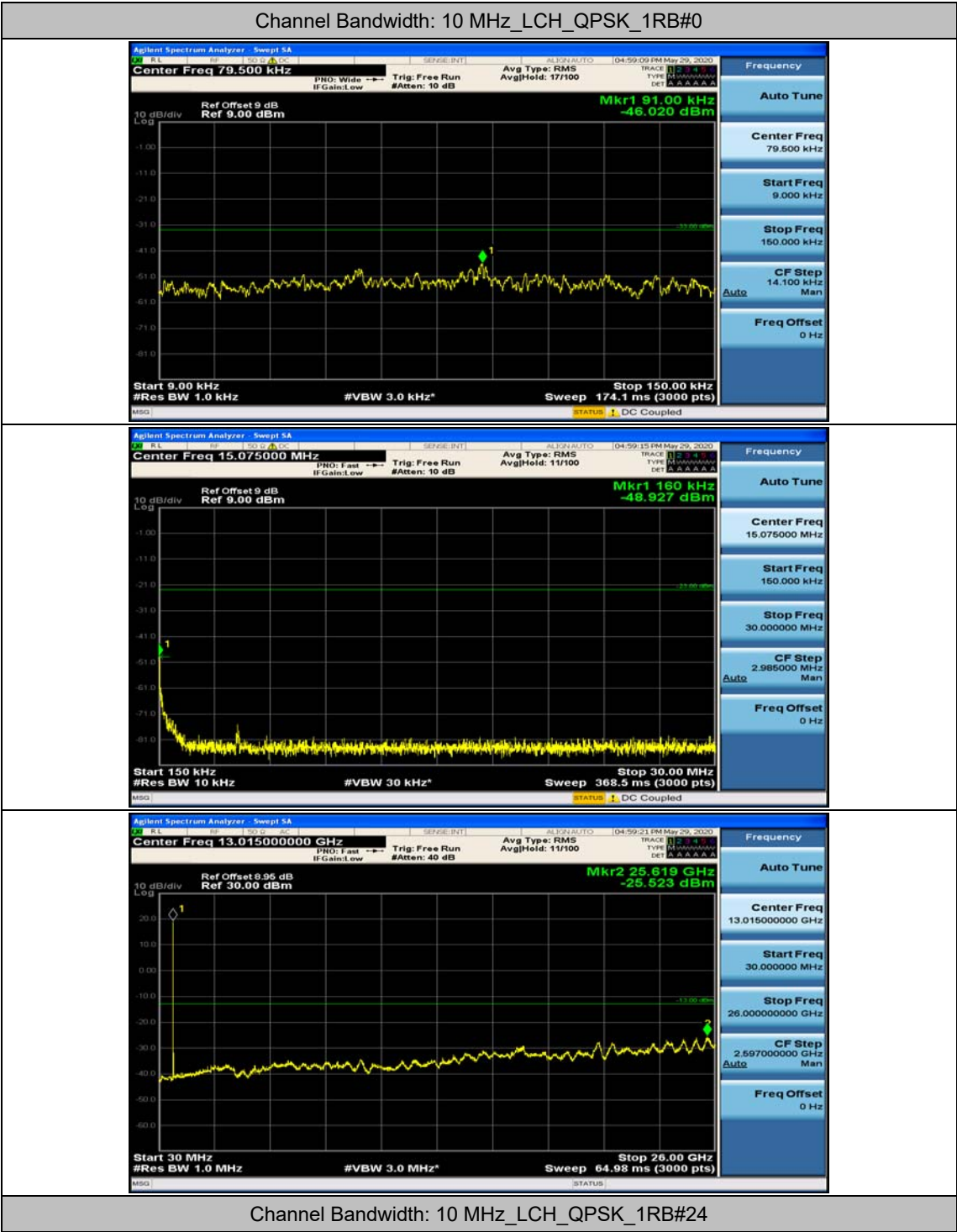


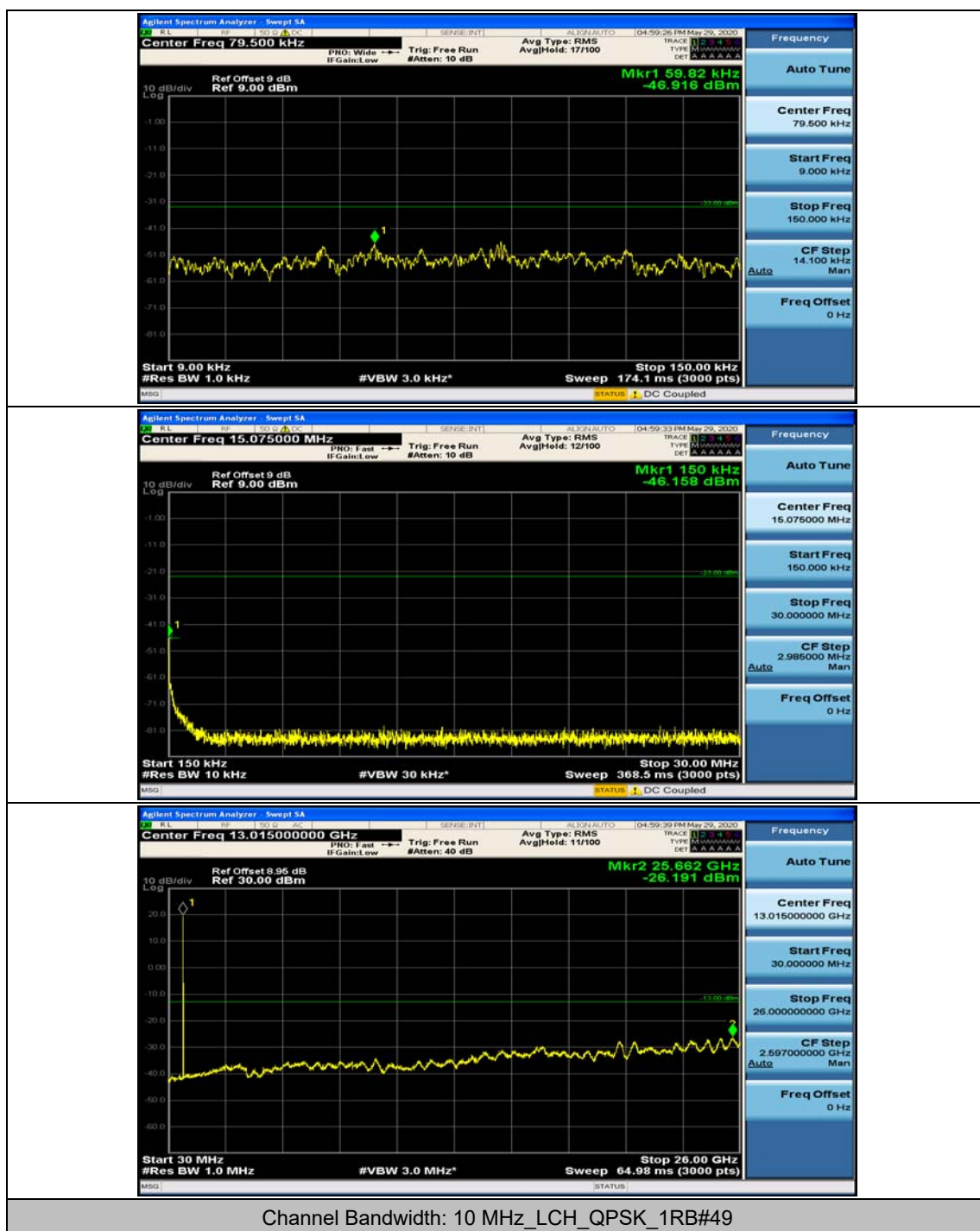
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

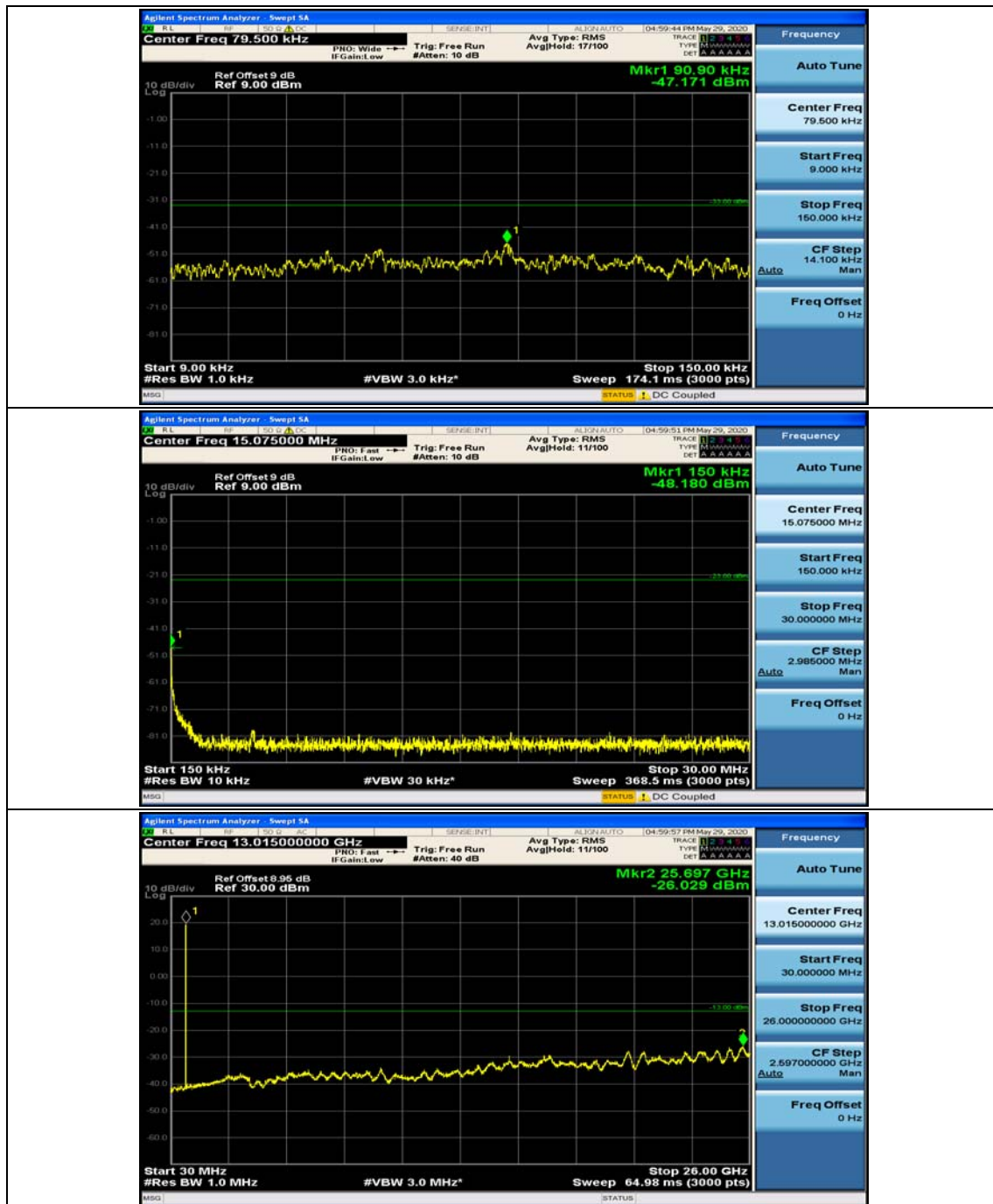


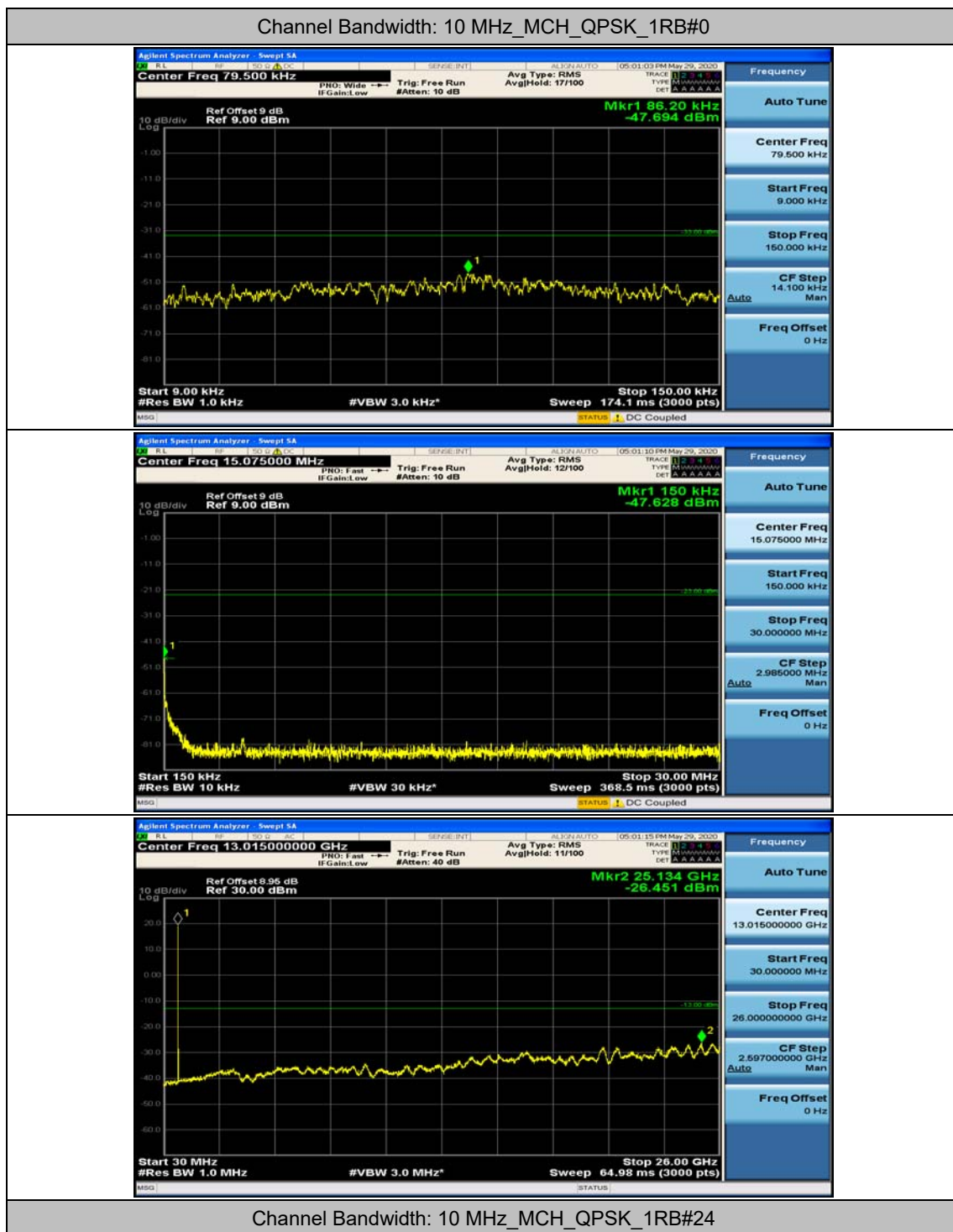


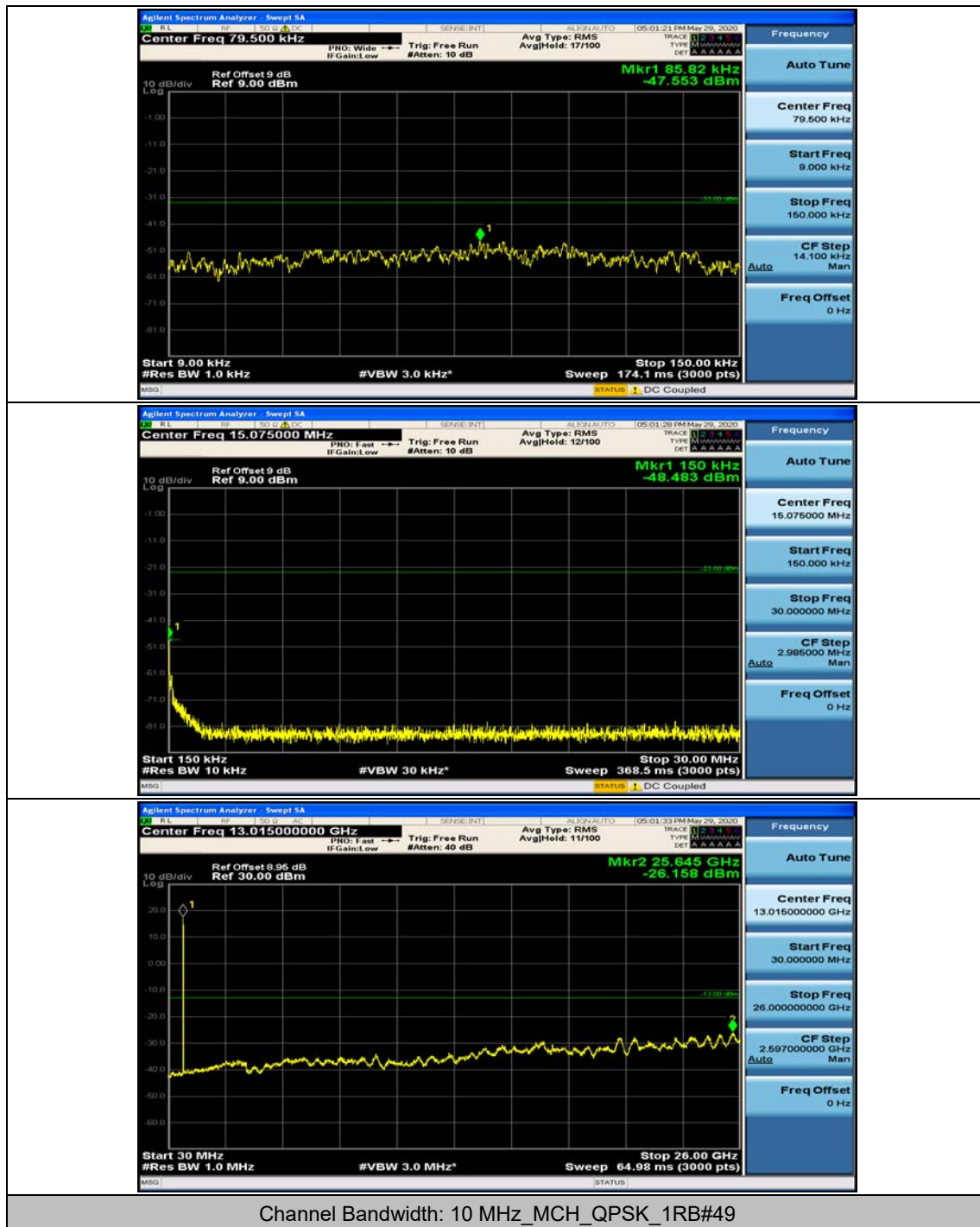
Channel Bandwidth: 10 MHz

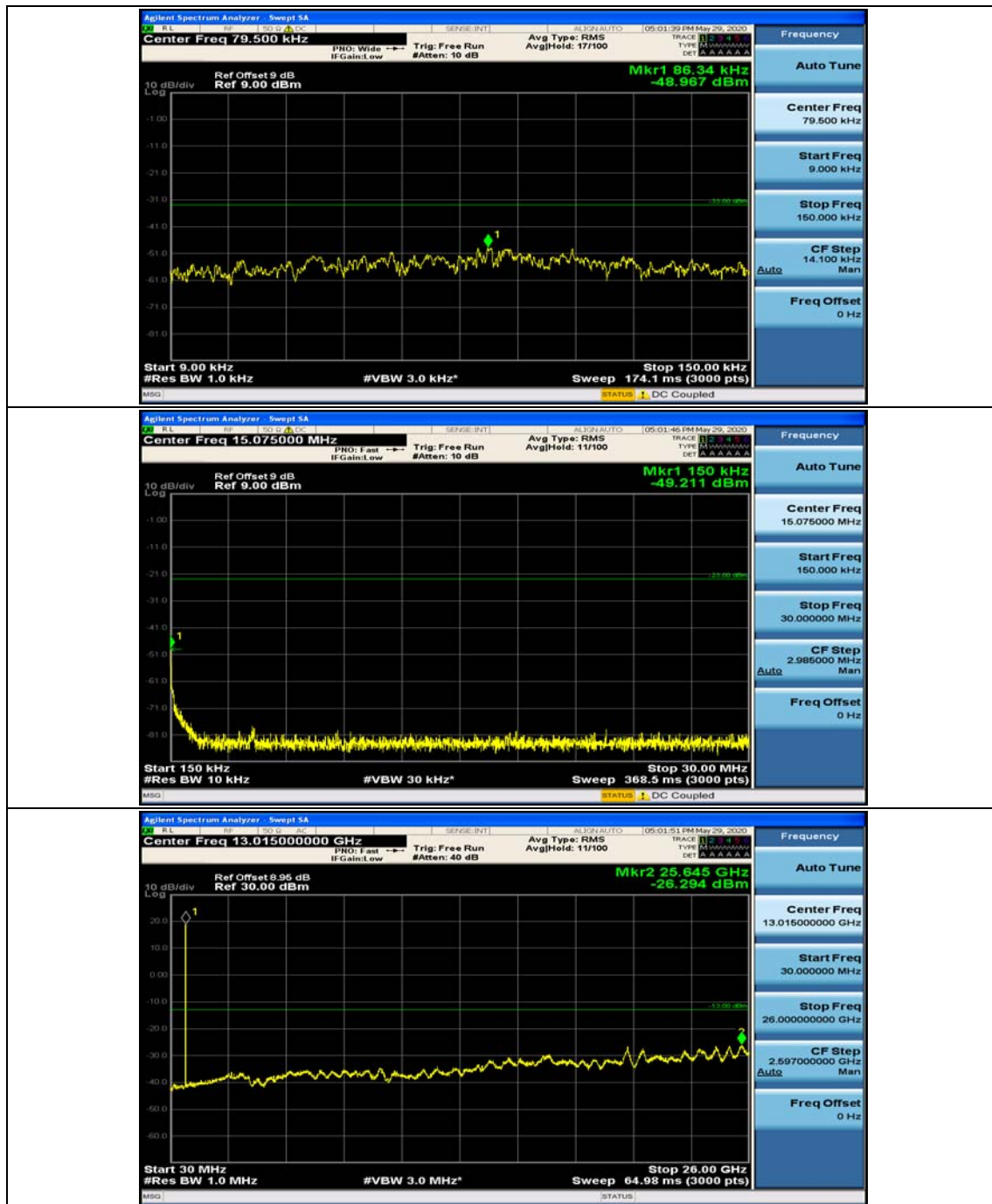


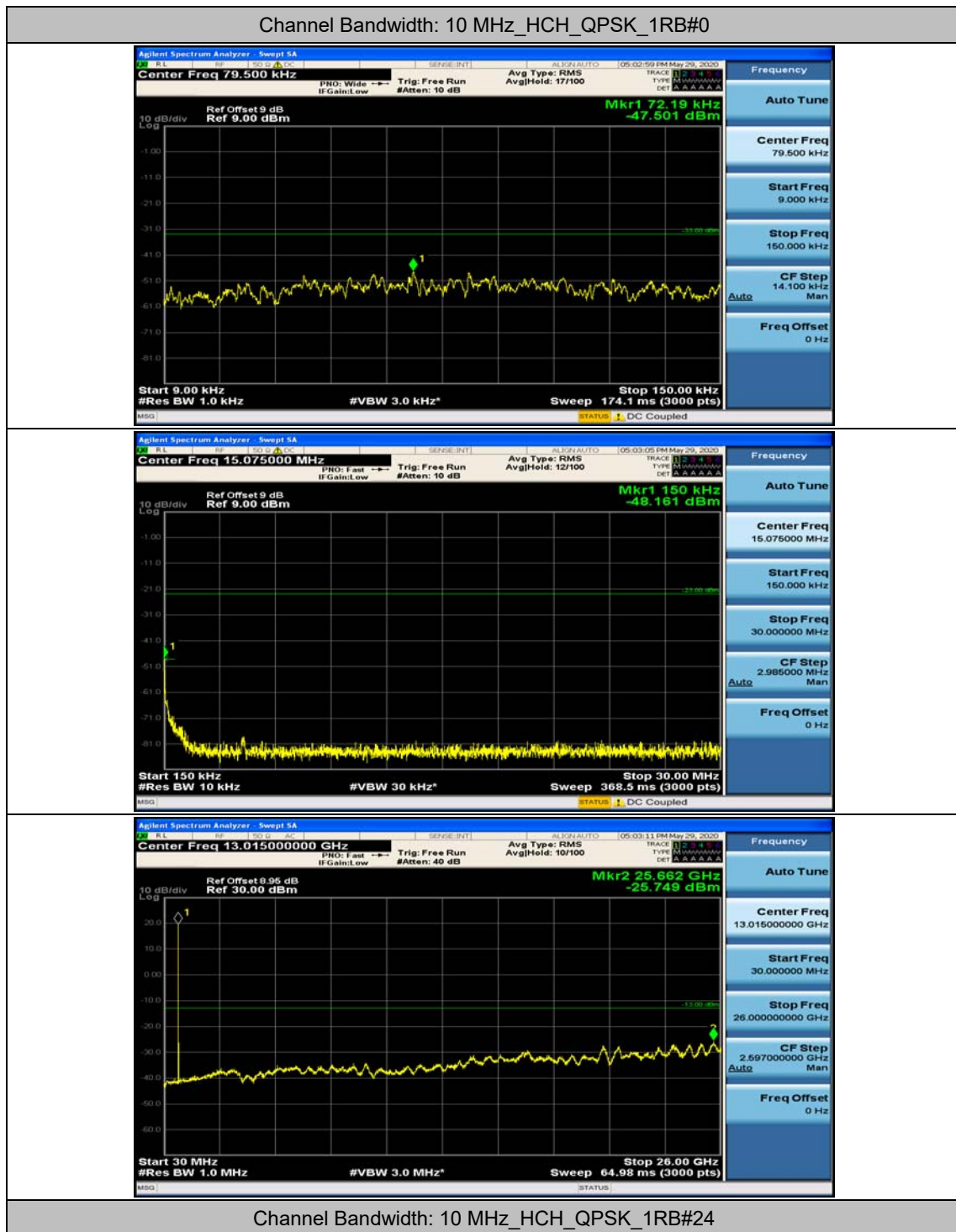


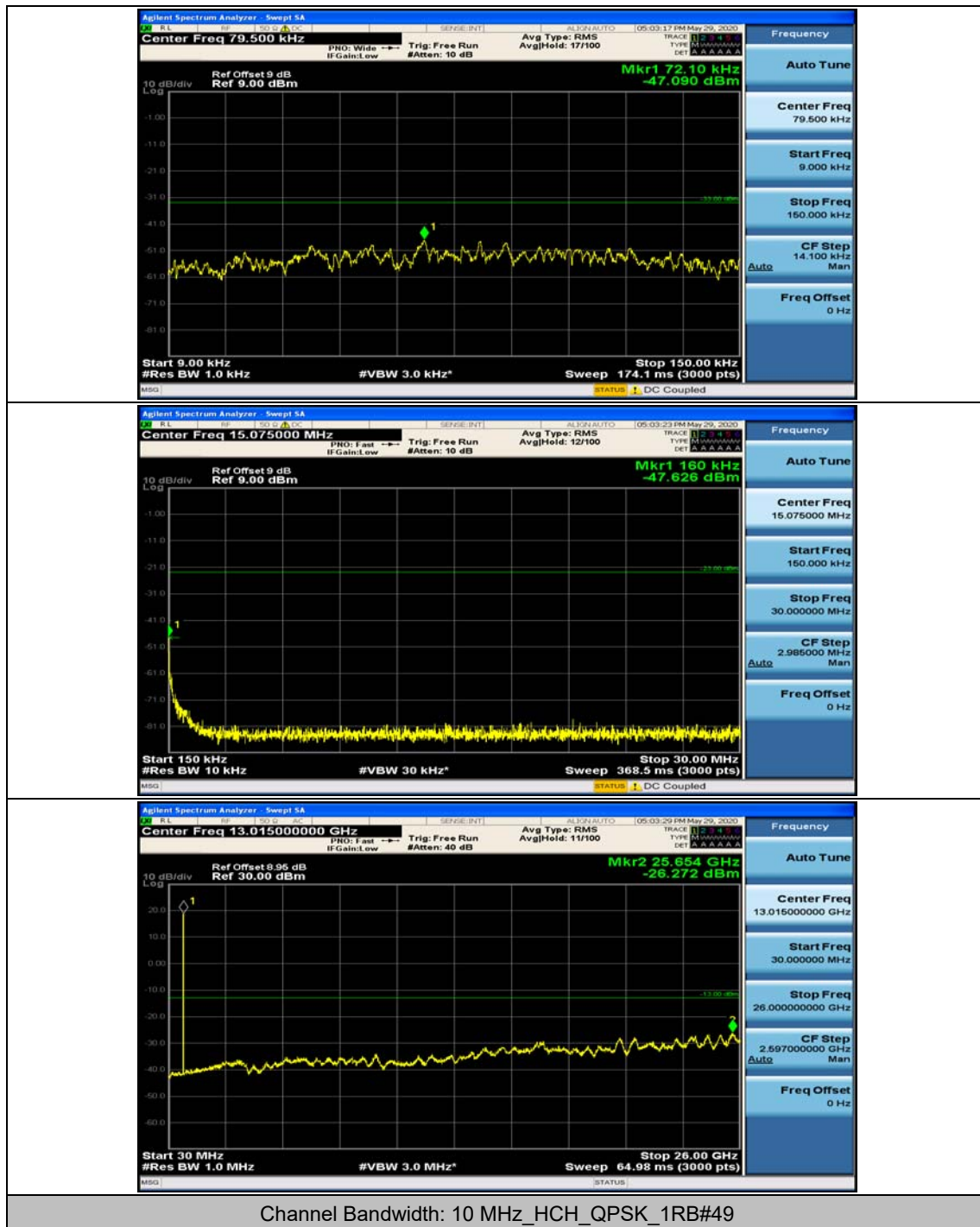


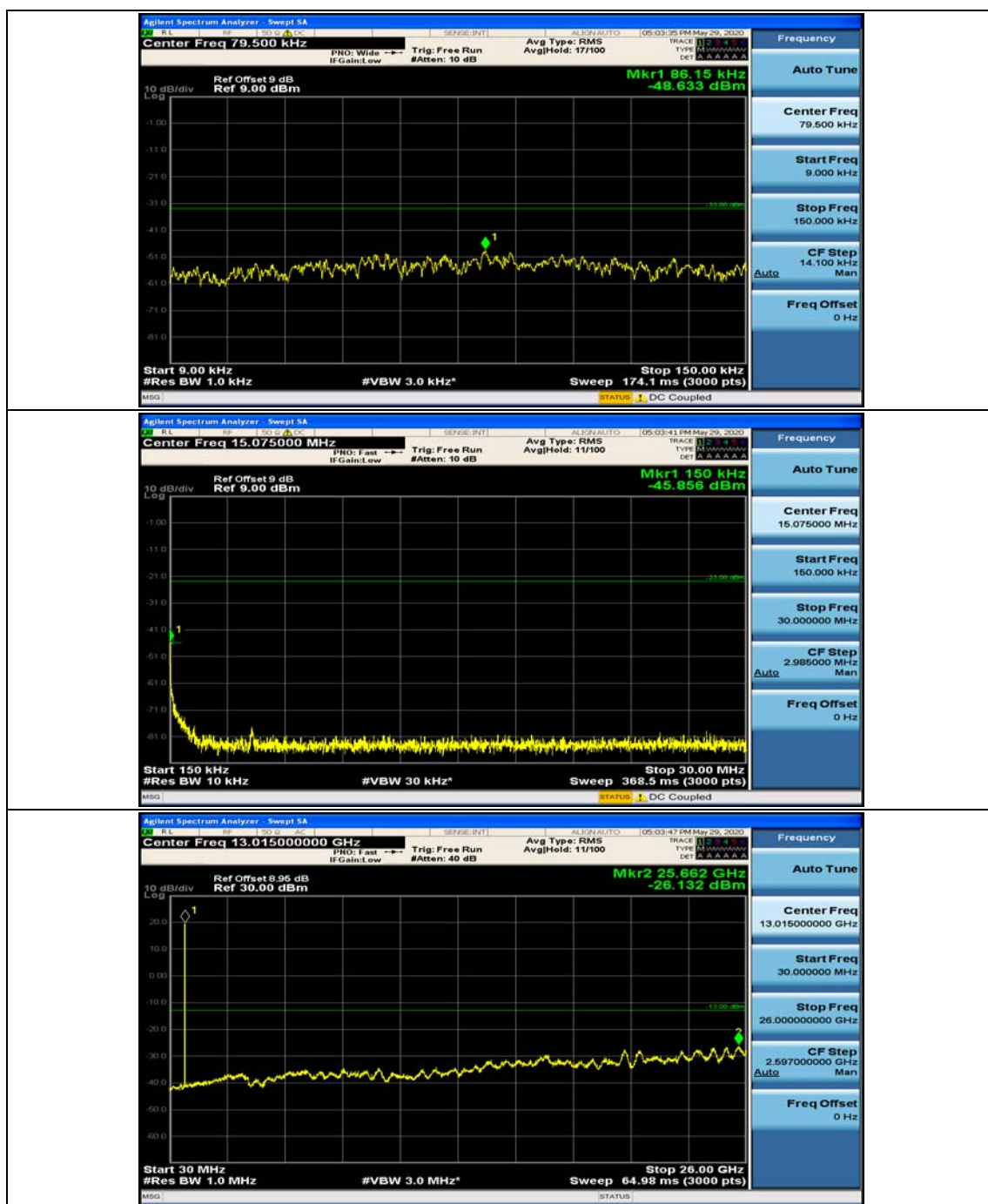




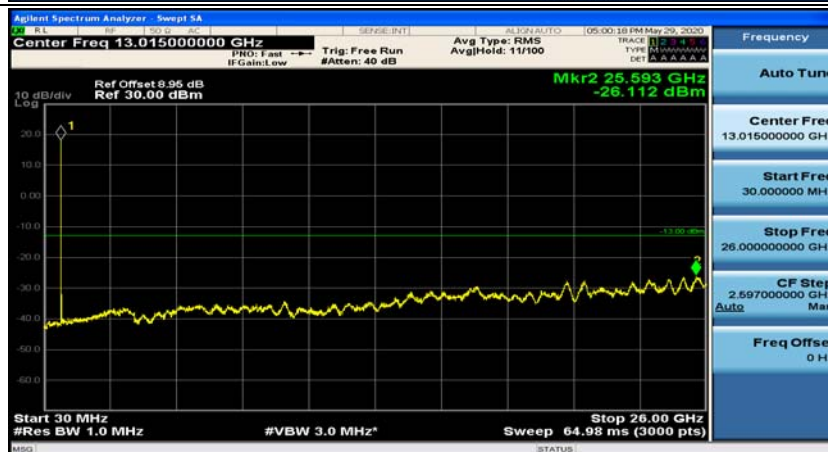
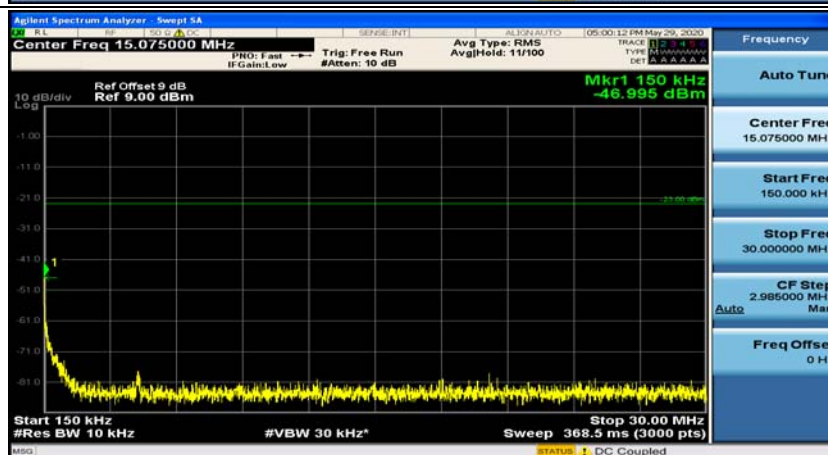
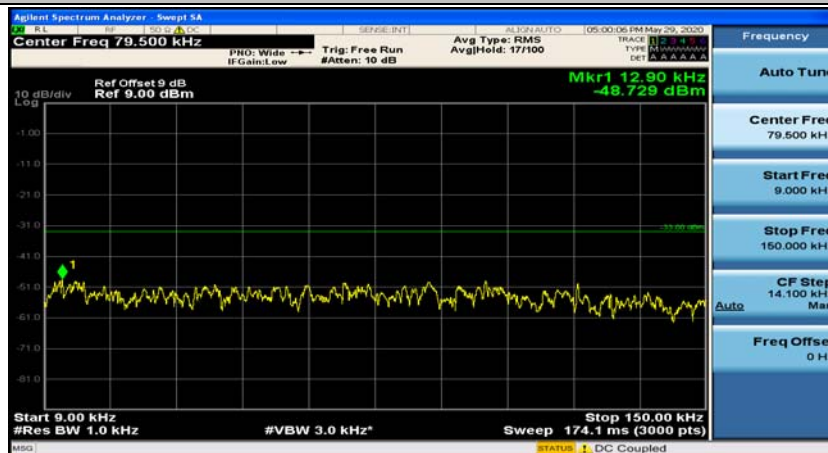




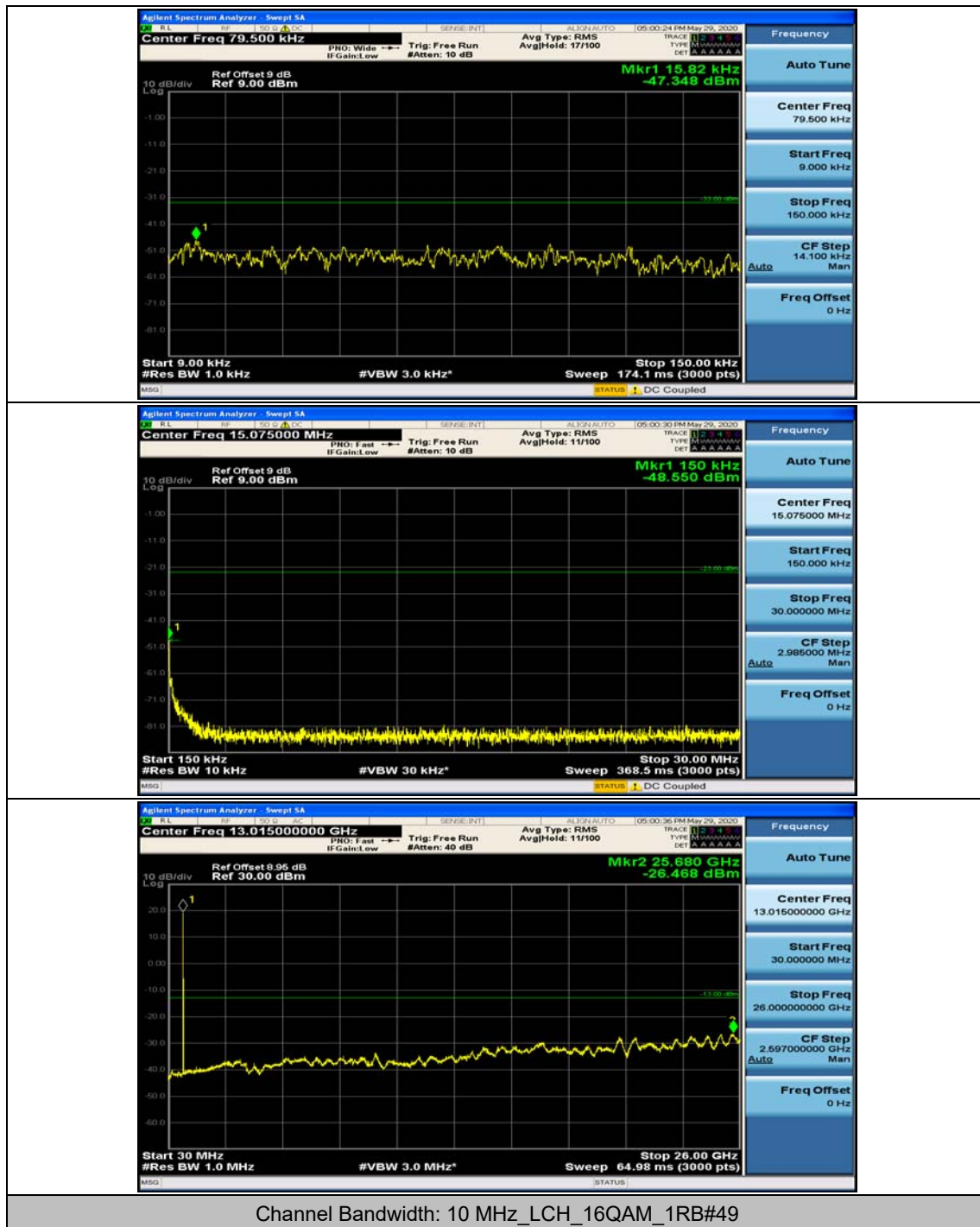


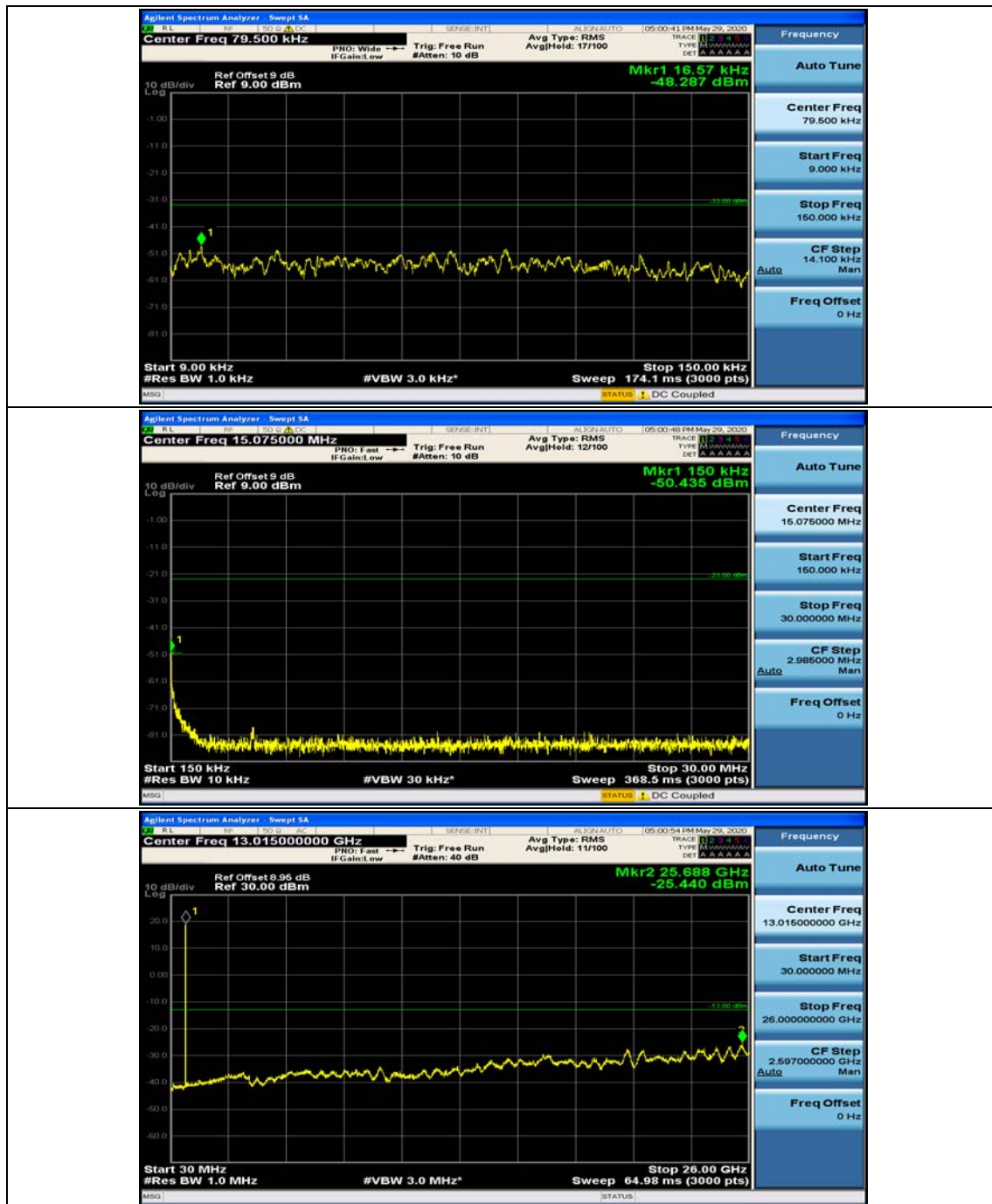


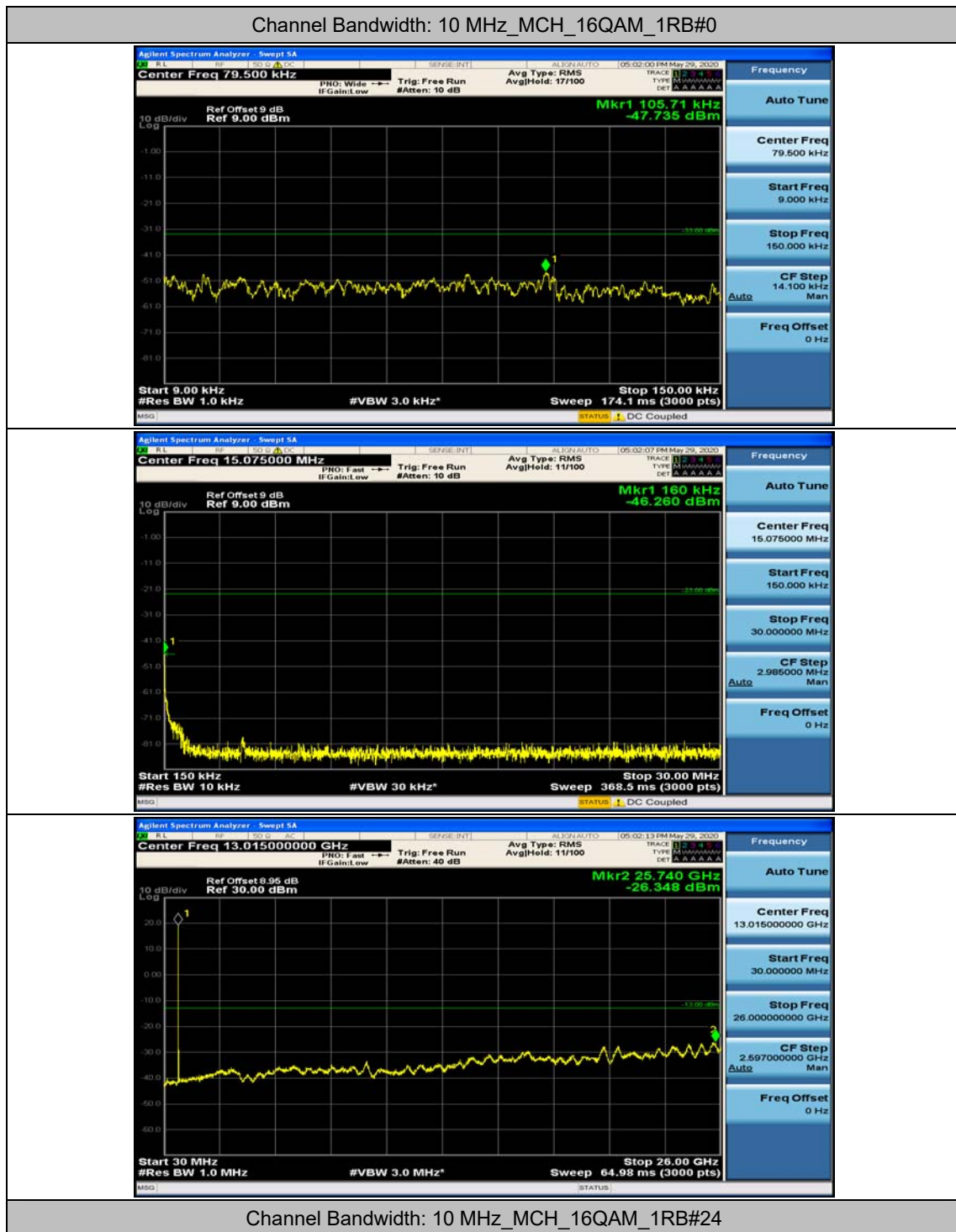
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0

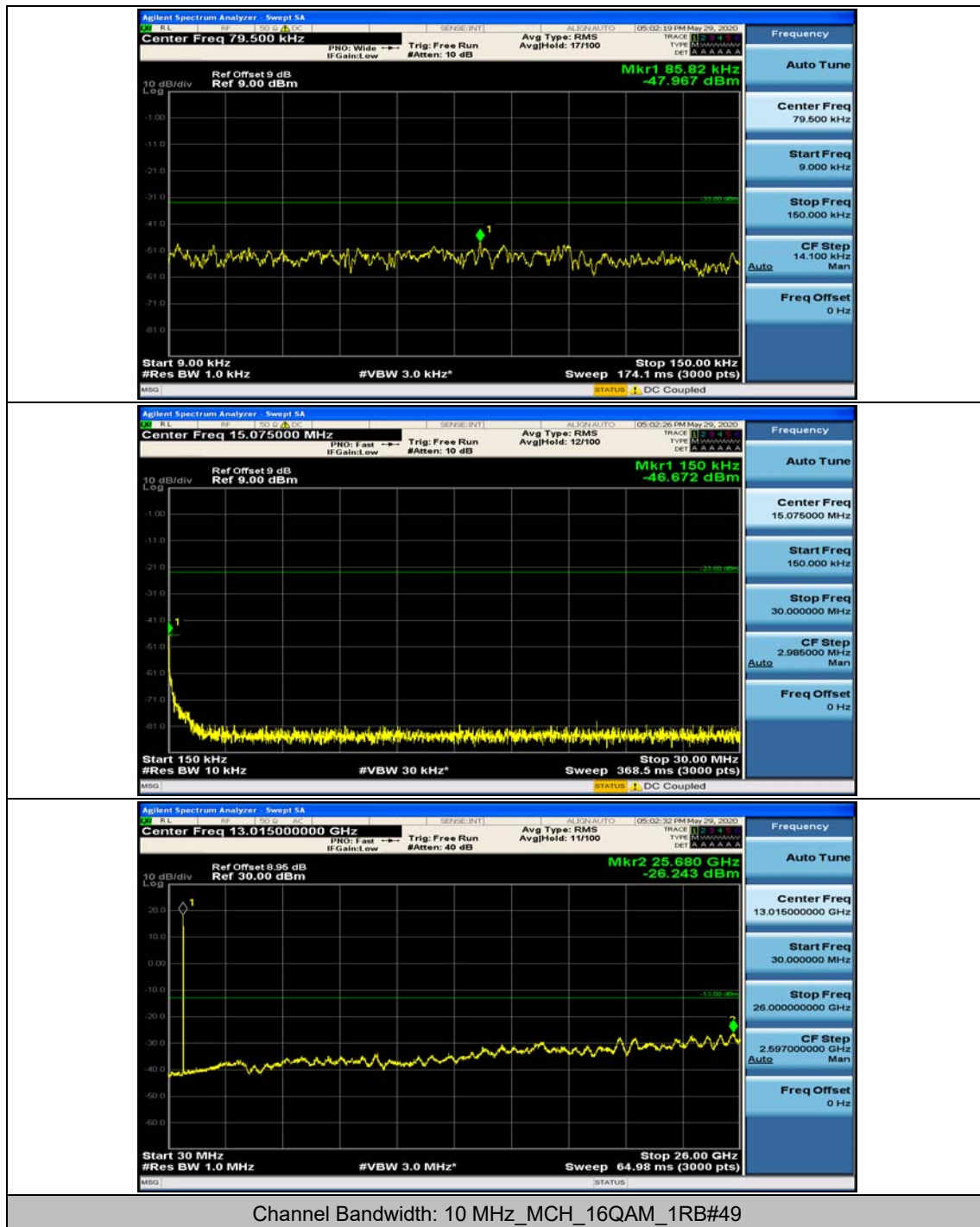


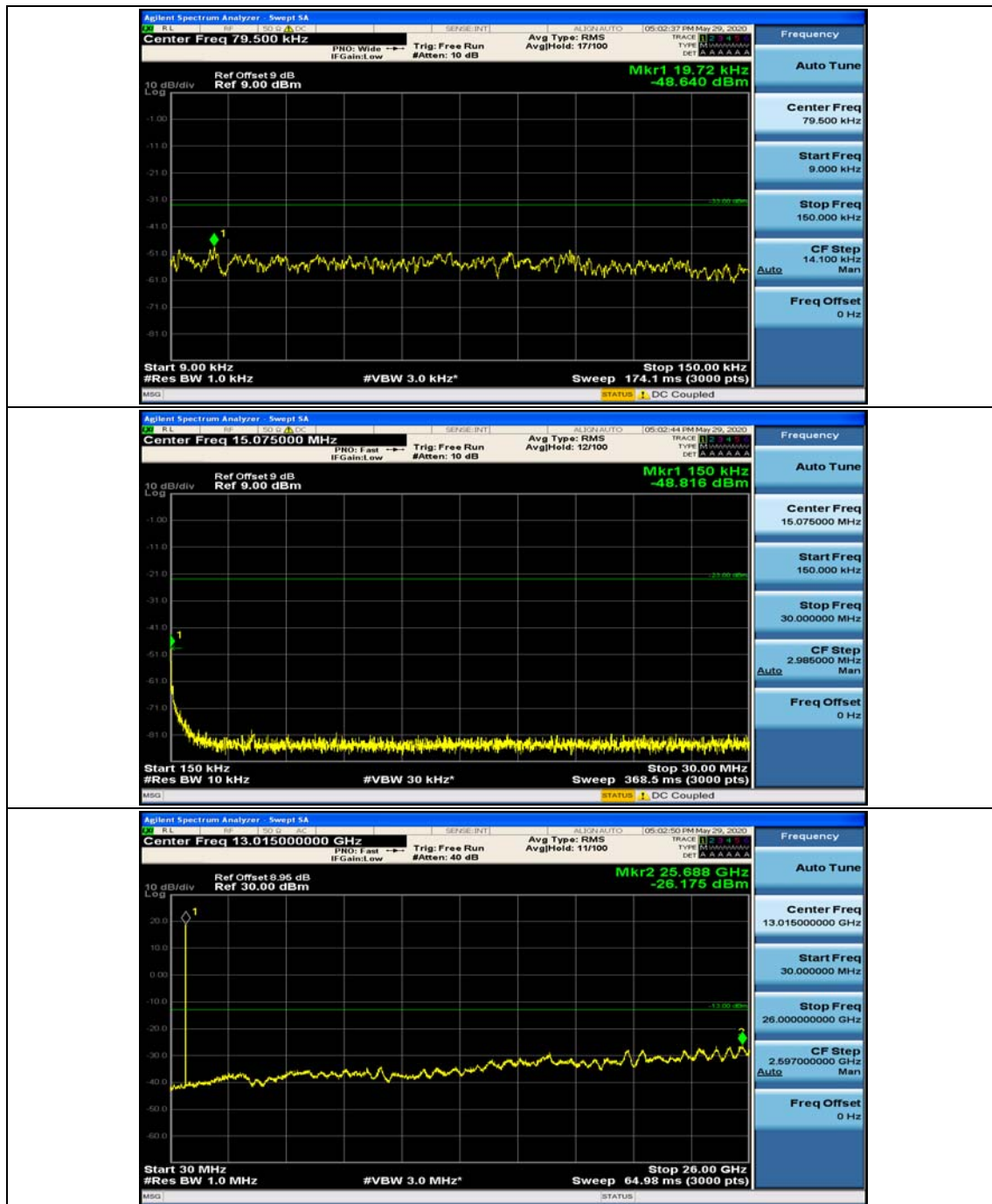
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24

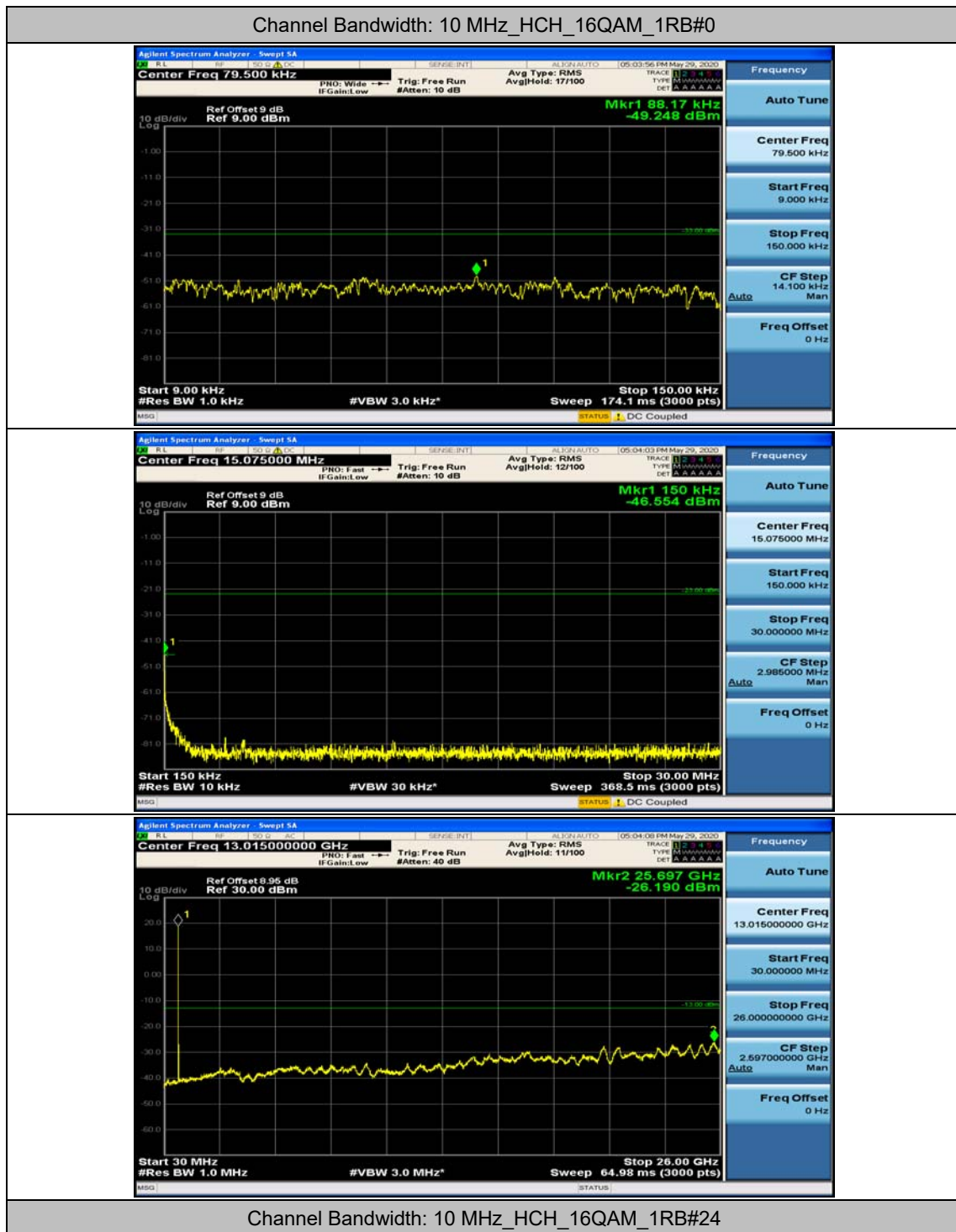


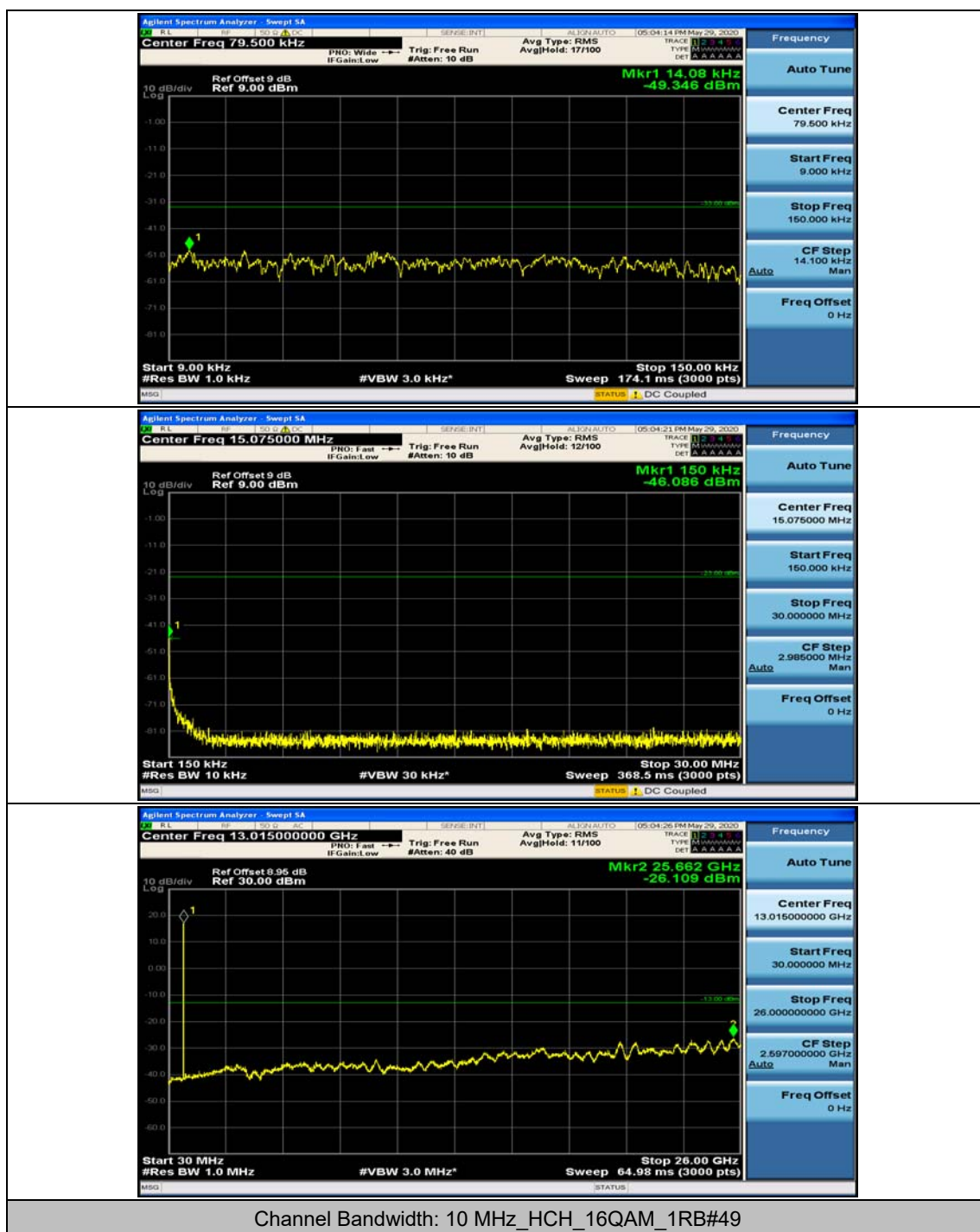


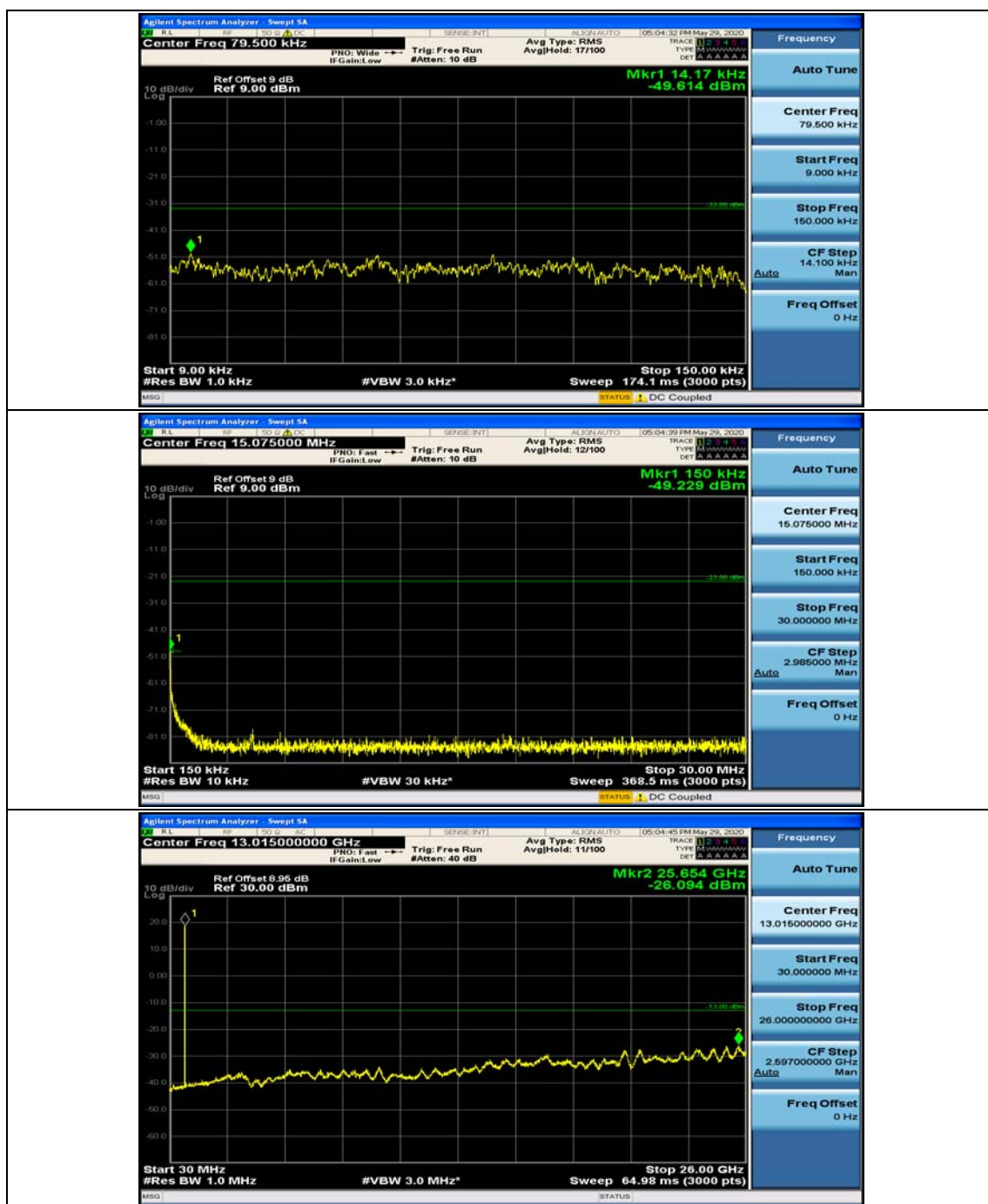












Appendix F: Frequency Stability

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	-0.13	-0.000184	± 2.5	PASS
		VN	TN	-0.78	-0.001104	± 2.5	PASS
		VH	TN	0.34	0.000481	± 2.5	PASS
	MCH	VL	TN	4.29	0.006042	± 2.5	PASS
		VN	TN	4.73	0.006662	± 2.5	PASS
		VH	TN	-1.49	-0.002099	± 2.5	PASS
	HCH	VL	TN	-0.52	-0.000729	± 2.5	PASS
		VN	TN	1.23	0.001724	± 2.5	PASS
		VH	TN	0.04	0.000056	± 2.5	PASS
16QAM	LCH	VL	TN	3.2	0.004529	± 2.5	PASS
		VN	TN	-0.99	-0.001401	± 2.5	PASS
		VH	TN	1.26	0.001783	± 2.5	PASS
	MCH	VL	TN	0.19	0.000268	± 2.5	PASS
		VN	TN	4.39	0.006183	± 2.5	PASS
		VH	TN	0.38	0.000535	± 2.5	PASS
	HCH	VL	TN	-1.25	-0.001752	± 2.5	PASS
		VN	TN	0.86	0.001205	± 2.5	PASS
		VH	TN	2.19	0.003069	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-0.04	-0.000057	± 2.5	PASS
		VN	-20	-0.29	-0.000410	± 2.5	PASS
		VN	-10	0.45	0.000637	± 2.5	PASS
		VN	0	0.84	0.001189	± 2.5	PASS
		VN	10	2.47	0.003496	± 2.5	PASS
		VN	20	0	0.000000	± 2.5	PASS
		VN	30	3.5	0.004954	± 2.5	PASS
		VN	40	0.71	0.001005	± 2.5	PASS
		VN	50	2.9	0.004105	± 2.5	PASS
	MCH	VN	-30	4.18	0.005887	± 2.5	PASS

		VN	-20	0.99	0.001394	± 2.5	PASS
		VN	-10	1.03	0.001451	± 2.5	PASS
		VN	0	2.53	0.003563	± 2.5	PASS
		VN	10	1.73	0.002437	± 2.5	PASS
		VN	20	4.33	0.006099	± 2.5	PASS
		VN	30	1.36	0.001915	± 2.5	PASS
		VN	40	3.72	0.005239	± 2.5	PASS
		VN	50	0.73	0.001028	± 2.5	PASS
	HCH	VN	-30	1.92	0.002691	± 2.5	PASS
		VN	-20	4.44	0.006223	± 2.5	PASS
		VN	-10	0.04	0.000056	± 2.5	PASS
		VN	0	-1.62	-0.002270	± 2.5	PASS
		VN	10	0.39	0.000547	± 2.5	PASS
		VN	20	2.2	0.003083	± 2.5	PASS
		VN	30	1.03	0.001444	± 2.5	PASS
		VN	40	3.46	0.004849	± 2.5	PASS
		VN	50	0.33	0.000463	± 2.5	PASS
16QAM	LCH	VN	-30	3.89	0.005506	± 2.5	PASS
		VN	-20	1.55	0.002194	± 2.5	PASS
		VN	-10	2.35	0.003326	± 2.5	PASS
		VN	0	2.18	0.003086	± 2.5	PASS
		VN	10	3.86	0.005464	± 2.5	PASS
		VN	20	4.78	0.006766	± 2.5	PASS
		VN	30	1	0.001415	± 2.5	PASS
		VN	40	0.47	0.000665	± 2.5	PASS
		VN	50	1.56	0.002208	± 2.5	PASS
	MCH	VN	-30	1.76	0.002467	± 2.5	PASS
		VN	-20	0.85	0.001191	± 2.5	PASS
		VN	-10	-0.46	-0.000645	± 2.5	PASS
		VN	0	-0.45	-0.000631	± 2.5	PASS
		VN	10	1.44	0.002018	± 2.5	PASS
		VN	20	4.73	0.006629	± 2.5	PASS
		VN	30	-0.02	-0.000028	± 2.5	PASS
		VN	40	-1.13	-0.001584	± 2.5	PASS
		VN	50	3.66	0.005130	± 2.5	PASS
	HCH	VN	-30	0.98	0.001374	± 2.5	PASS
		VN	-20	2.69	0.003770	± 2.5	PASS
		VN	-10	0.57	0.000799	± 2.5	PASS
		VN	0	-0.84	-0.001177	± 2.5	PASS
		VN	10	-0.27	-0.000378	± 2.5	PASS
		VN	20	3.73	0.005228	± 2.5	PASS

		VN	30	-0.84	-0.001177	± 2.5	PASS
		VN	40	0.3	0.000420	± 2.5	PASS
		VN	50	2.65	0.003714	± 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	3.98	0.005614	± 2.5	PASS
		VN	TN	2.97	0.004189	± 2.5	PASS
		VH	TN	0.63	0.000889	± 2.5	PASS
	MCH	VL	TN	-0.24	-0.000338	± 2.5	PASS
		VN	TN	1.68	0.002366	± 2.5	PASS
		VH	TN	-1.08	-0.001521	± 2.5	PASS
	HCH	VL	TN	0.94	0.001322	± 2.5	PASS
		VN	TN	-1.11	-0.001561	± 2.5	PASS
		VH	TN	1.32	0.001857	± 2.5	PASS
16QAM	LCH	VL	TN	2.69	0.003794	± 2.5	PASS
		VN	TN	2.44	0.003441	± 2.5	PASS
		VH	TN	1.74	0.002454	± 2.5	PASS
	MCH	VL	TN	3.78	0.005324	± 2.5	PASS
		VN	TN	2.2	0.003099	± 2.5	PASS
		VH	TN	2.07	0.002915	± 2.5	PASS
	HCH	VL	TN	0.41	0.000577	± 2.5	PASS
		VN	TN	0.24	0.000338	± 2.5	PASS
		VH	TN	3.03	0.004262	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.96	-0.002764	± 2.5	PASS
		VN	-20	0.69	0.000973	± 2.5	PASS
		VN	-10	-0.73	-0.001030	± 2.5	PASS
		VN	0	-1.46	-0.002059	± 2.5	PASS
		VN	10	2	0.002821	± 2.5	PASS
		VN	20	0.45	0.000635	± 2.5	PASS
		VN	30	2.65	0.003738	± 2.5	PASS
		VN	40	0.8	0.001128	± 2.5	PASS
		VN	50	2.68	0.003780	± 2.5	PASS
	MCH	VN	-30	-0.97	-0.001366	± 2.5	PASS
		VN	-20	2.17	0.003056	± 2.5	PASS

		VN	-10	3.33	0.004690	± 2.5	PASS
		VN	0	4.21	0.005930	± 2.5	PASS
		VN	10	1.51	0.002127	± 2.5	PASS
		VN	20	3.31	0.004662	± 2.5	PASS
		VN	30	-1.6	-0.002254	± 2.5	PASS
		VN	40	1.94	0.002732	± 2.5	PASS
		VN	50	4.53	0.006380	± 2.5	PASS
	HCH	VN	-30	4.76	0.006695	± 2.5	PASS
		VN	-20	3.62	0.005091	± 2.5	PASS
		VN	-10	0.63	0.000886	± 2.5	PASS
		VN	0	-1.02	-0.001435	± 2.5	PASS
		VN	10	0.27	0.000380	± 2.5	PASS
		VN	20	0.83	0.001167	± 2.5	PASS
		VN	30	1.2	0.001688	± 2.5	PASS
		VN	40	4.22	0.005935	± 2.5	PASS
	VN	50	2.51	0.003530	± 2.5	PASS	
16QAM	LCH	VN	-30	-1.66	-0.002338	± 2.5	PASS
		VN	-20	1.22	0.001718	± 2.5	PASS
		VN	-10	2.07	0.002915	± 2.5	PASS
		VN	0	0.37	0.000521	± 2.5	PASS
		VN	10	-1.29	-0.001817	± 2.5	PASS
		VN	20	0.89	0.001254	± 2.5	PASS
		VN	30	3.16	0.004451	± 2.5	PASS
		VN	40	-0.2	-0.000282	± 2.5	PASS
		VN	50	3.01	0.004239	± 2.5	PASS
	MCH	VN	-30	1.63	0.002293	± 2.5	PASS
		VN	-20	3.32	0.004669	± 2.5	PASS
		VN	-10	1.01	0.001421	± 2.5	PASS
		VN	0	2.95	0.004149	± 2.5	PASS
		VN	10	1.97	0.002771	± 2.5	PASS
		VN	20	4.82	0.006779	± 2.5	PASS
		VN	30	3.86	0.005429	± 2.5	PASS
		VN	40	-0.01	-0.000014	± 2.5	PASS
		VN	50	3.43	0.004824	± 2.5	PASS
	HCH	VN	-30	4.6	0.006470	± 2.5	PASS
		VN	-20	4.22	0.005935	± 2.5	PASS
		VN	-10	-1.42	-0.001997	± 2.5	PASS
		VN	0	4.44	0.006245	± 2.5	PASS
		VN	10	-0.93	-0.001308	± 2.5	PASS
		VN	20	1.81	0.002546	± 2.5	PASS
VN		30	-0.63	-0.000886	± 2.5	PASS	

		VN	40	3.67	0.005162	± 2.5	PASS
		VN	50	1.46	0.002053	± 2.5	PASS