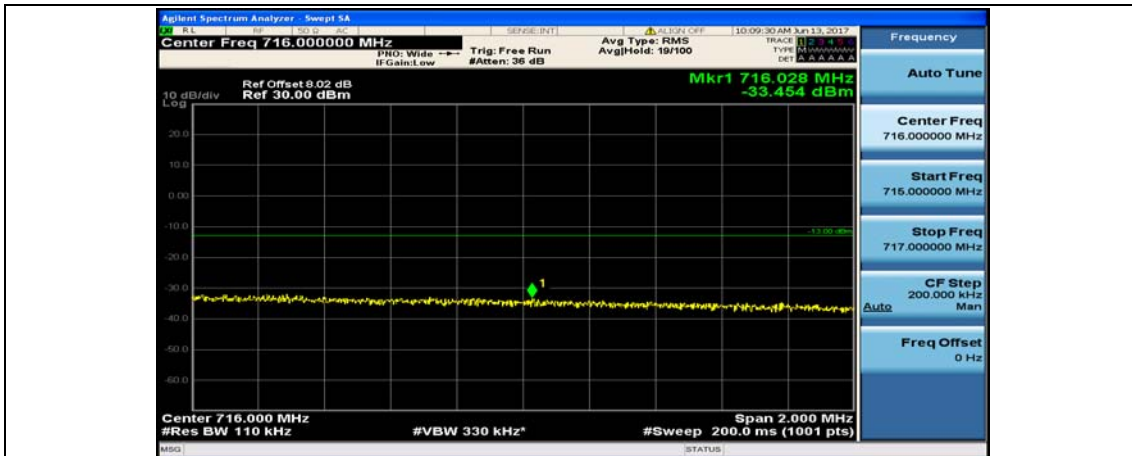
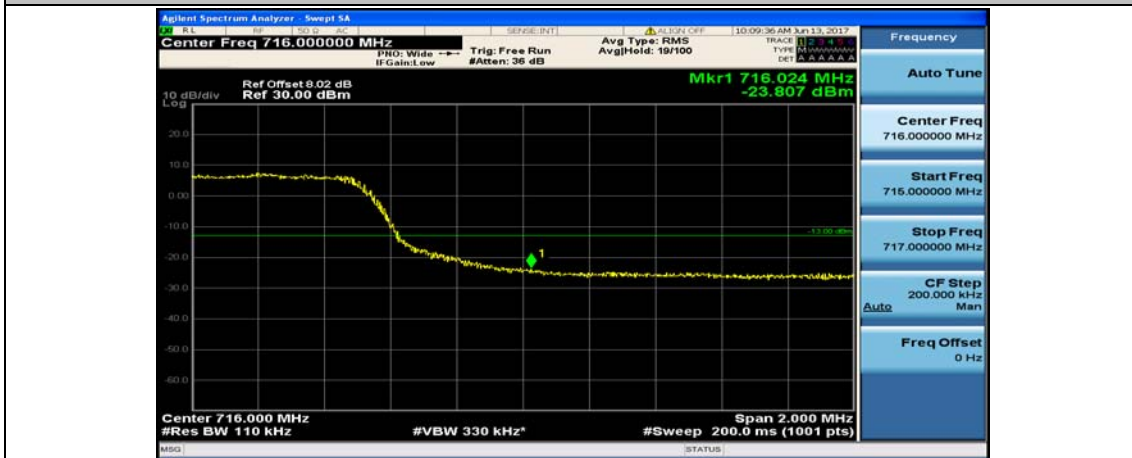
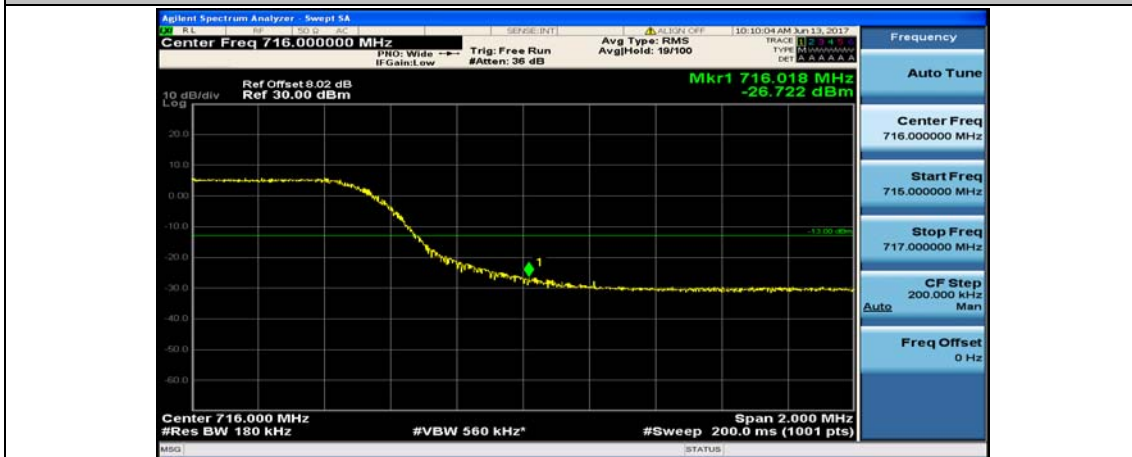




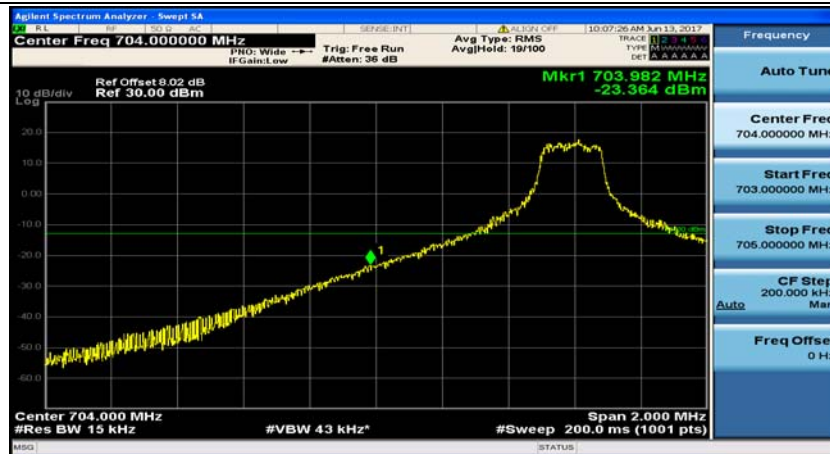
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25



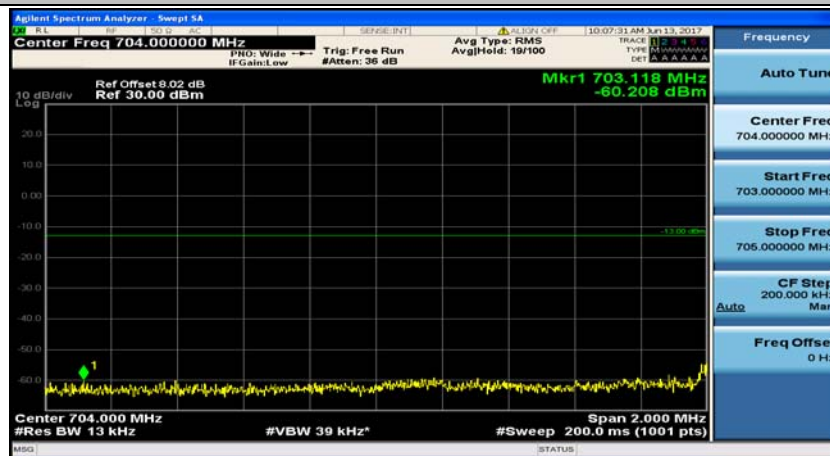
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



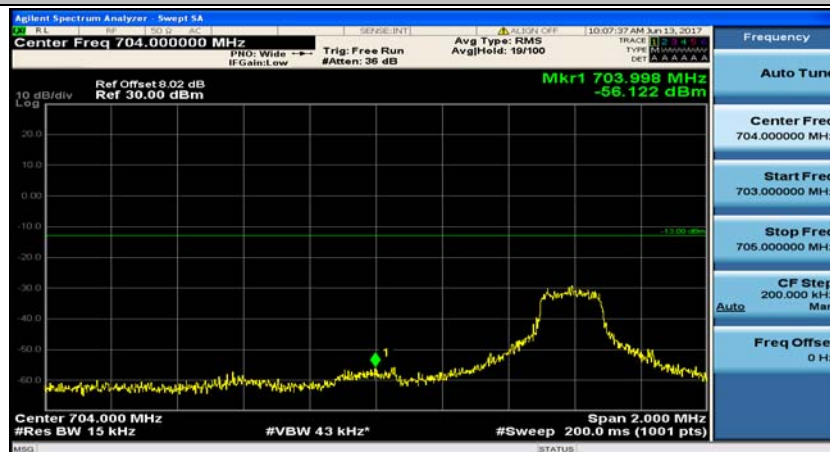
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



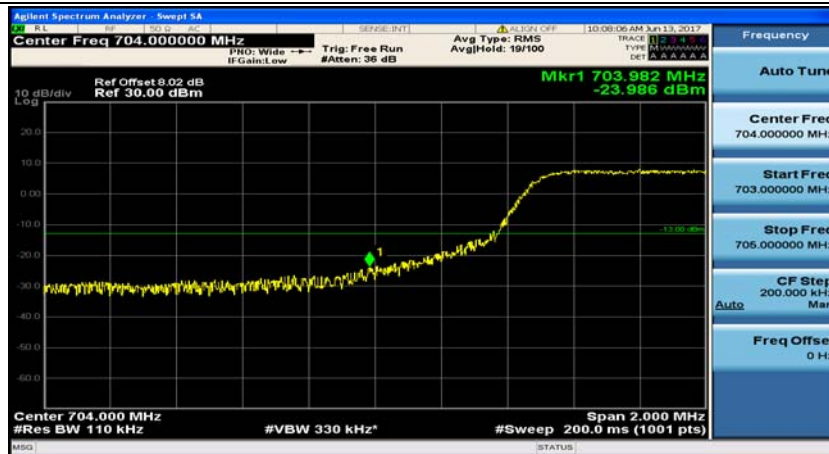
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



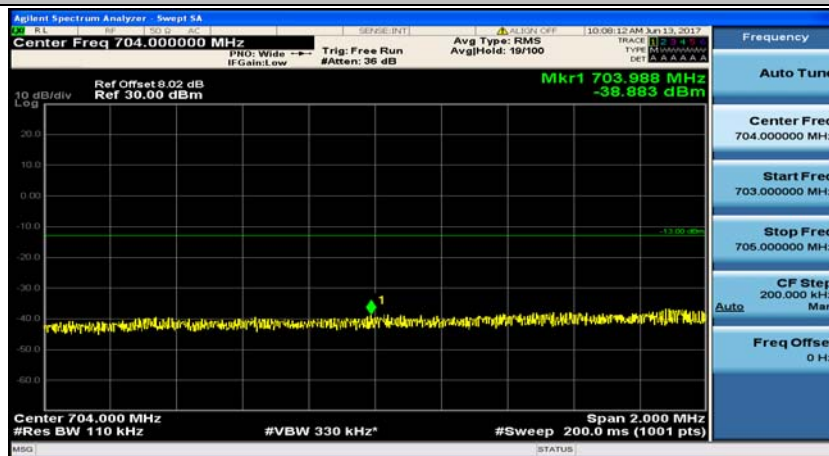
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49



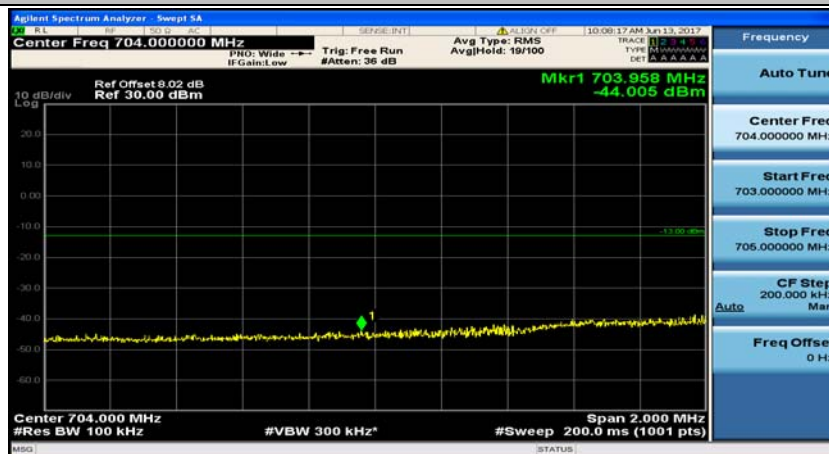
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#12



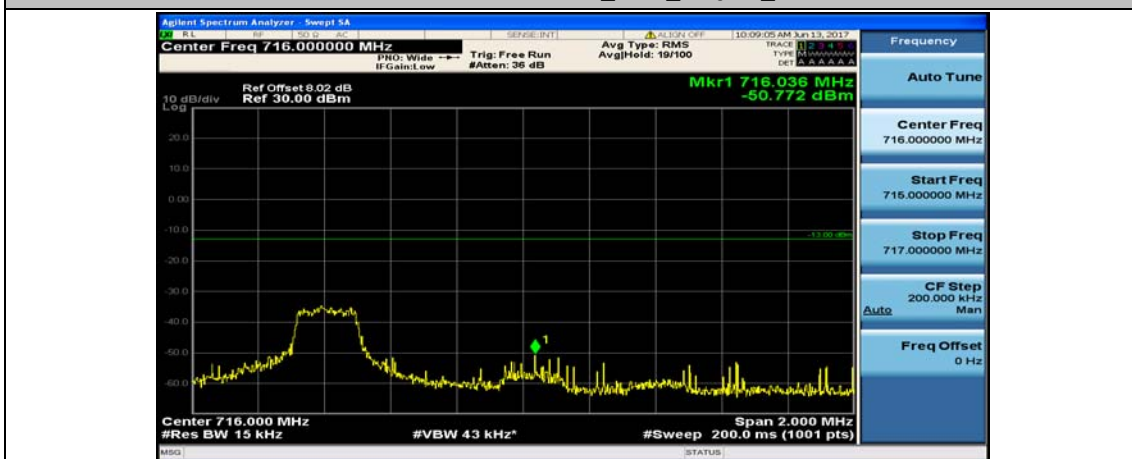
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#25



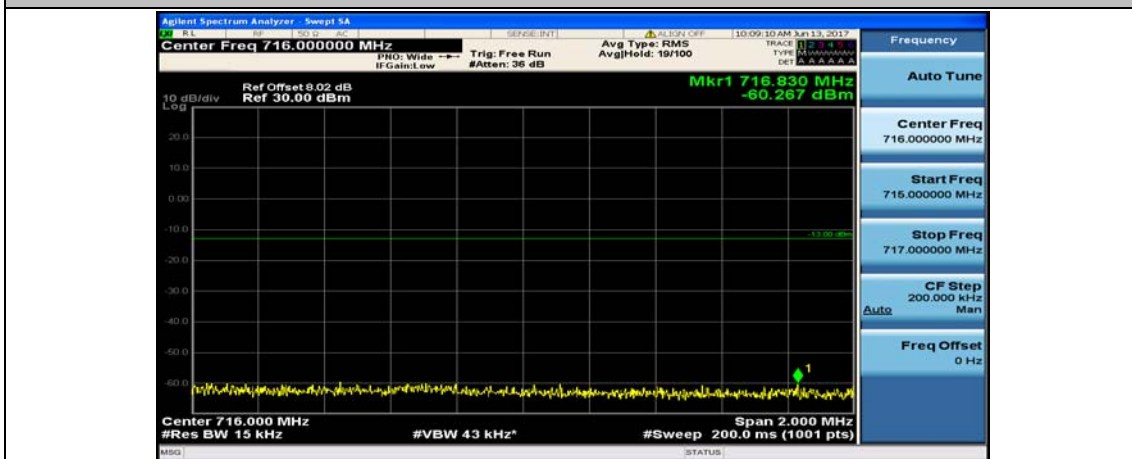
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



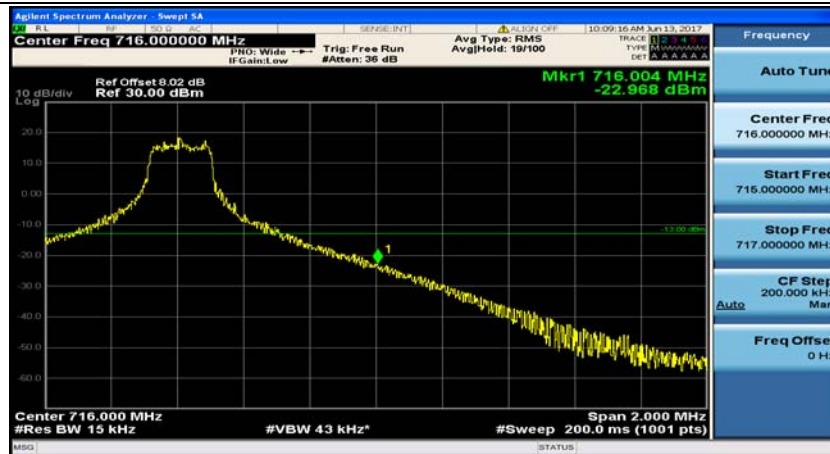
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



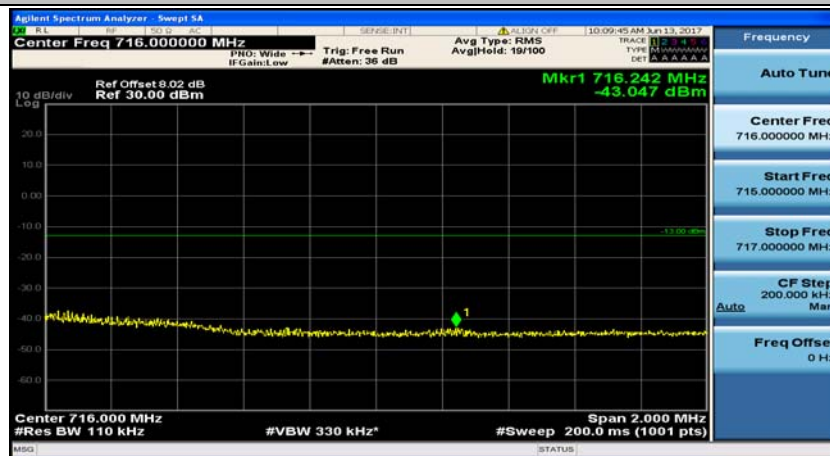
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



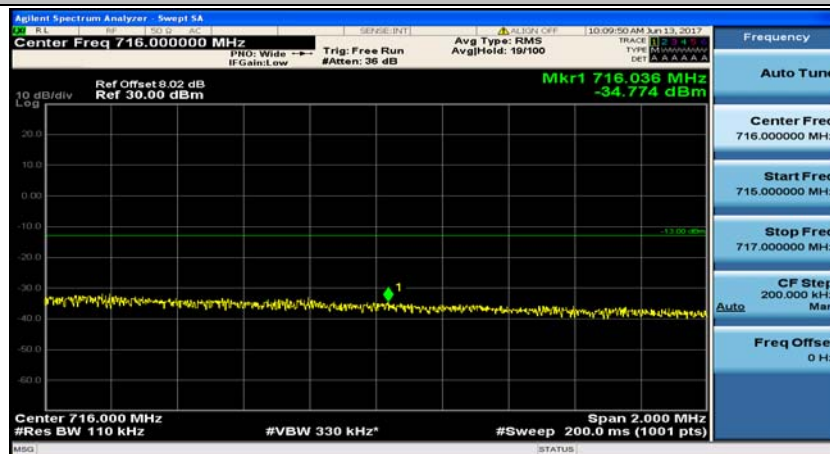
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49



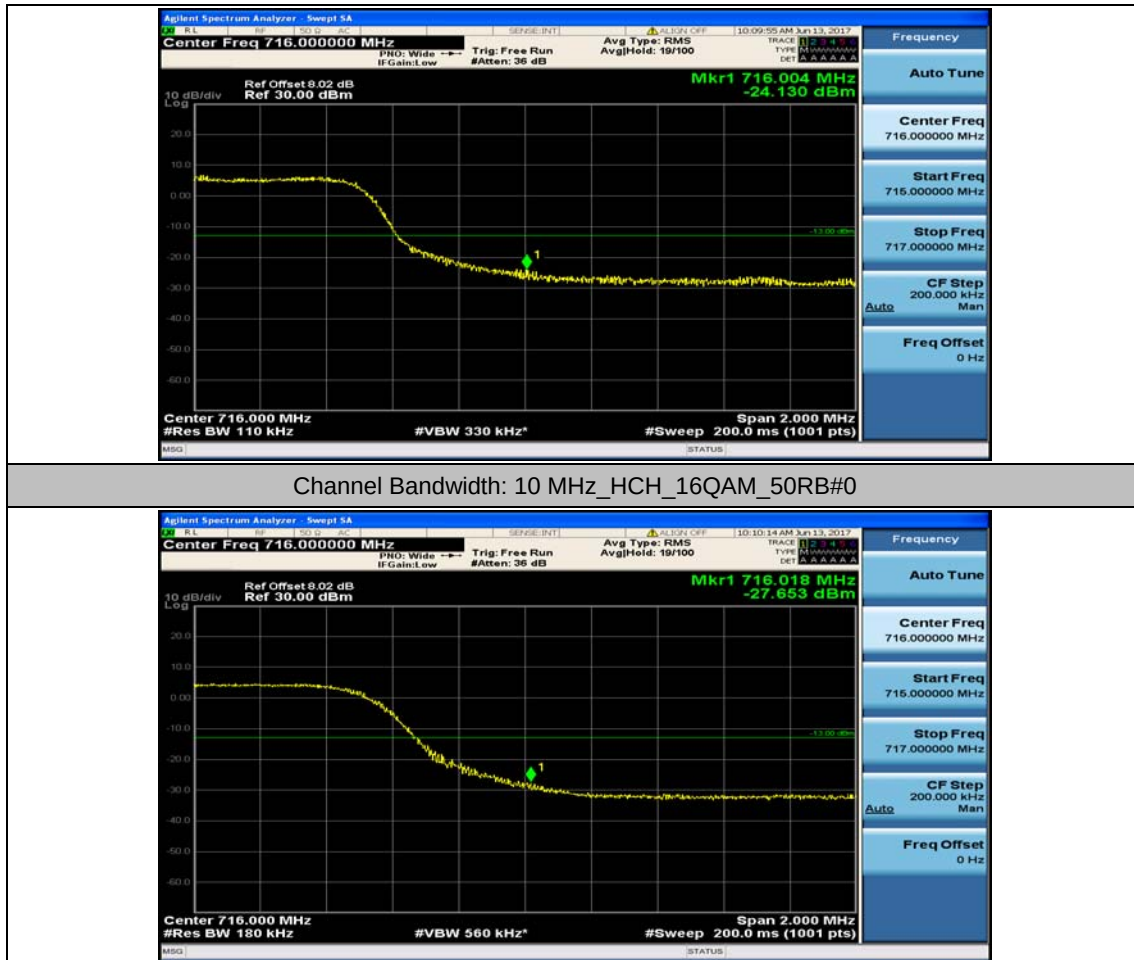
Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#25

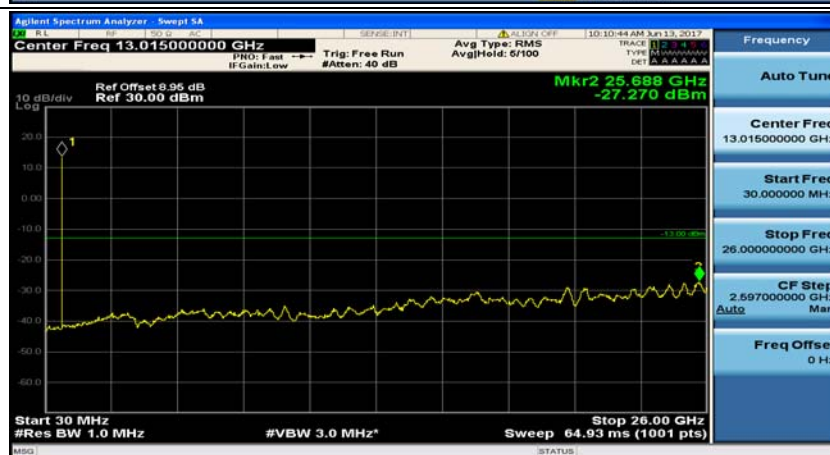
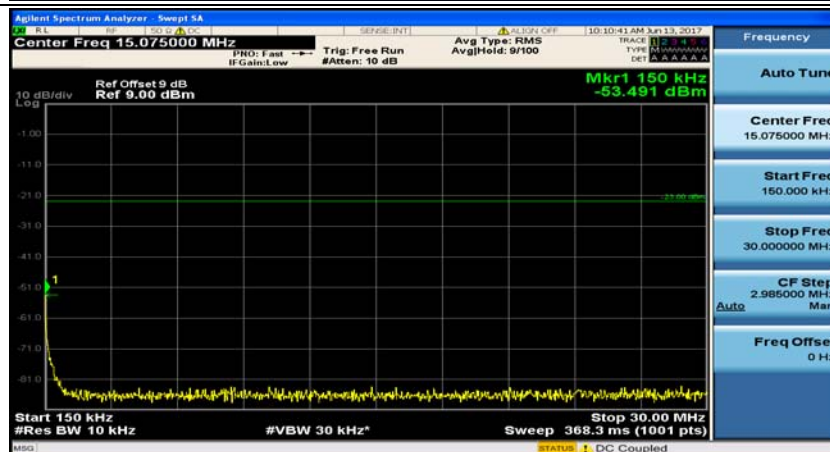
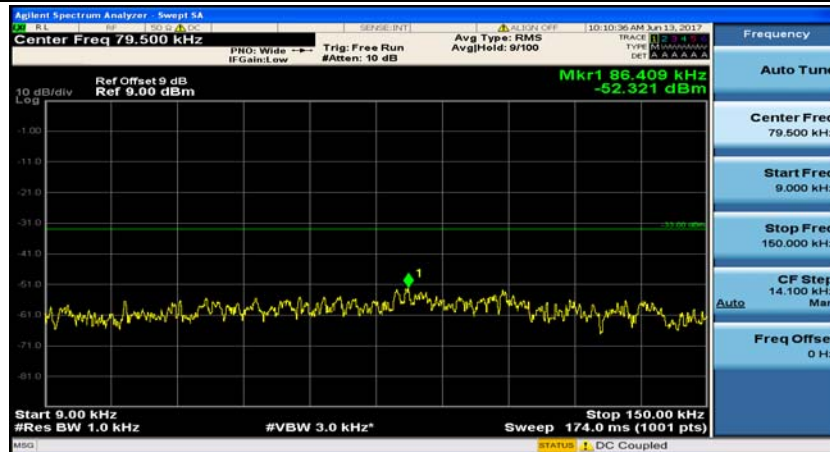


Appendix E: Conducted Spurious Emission

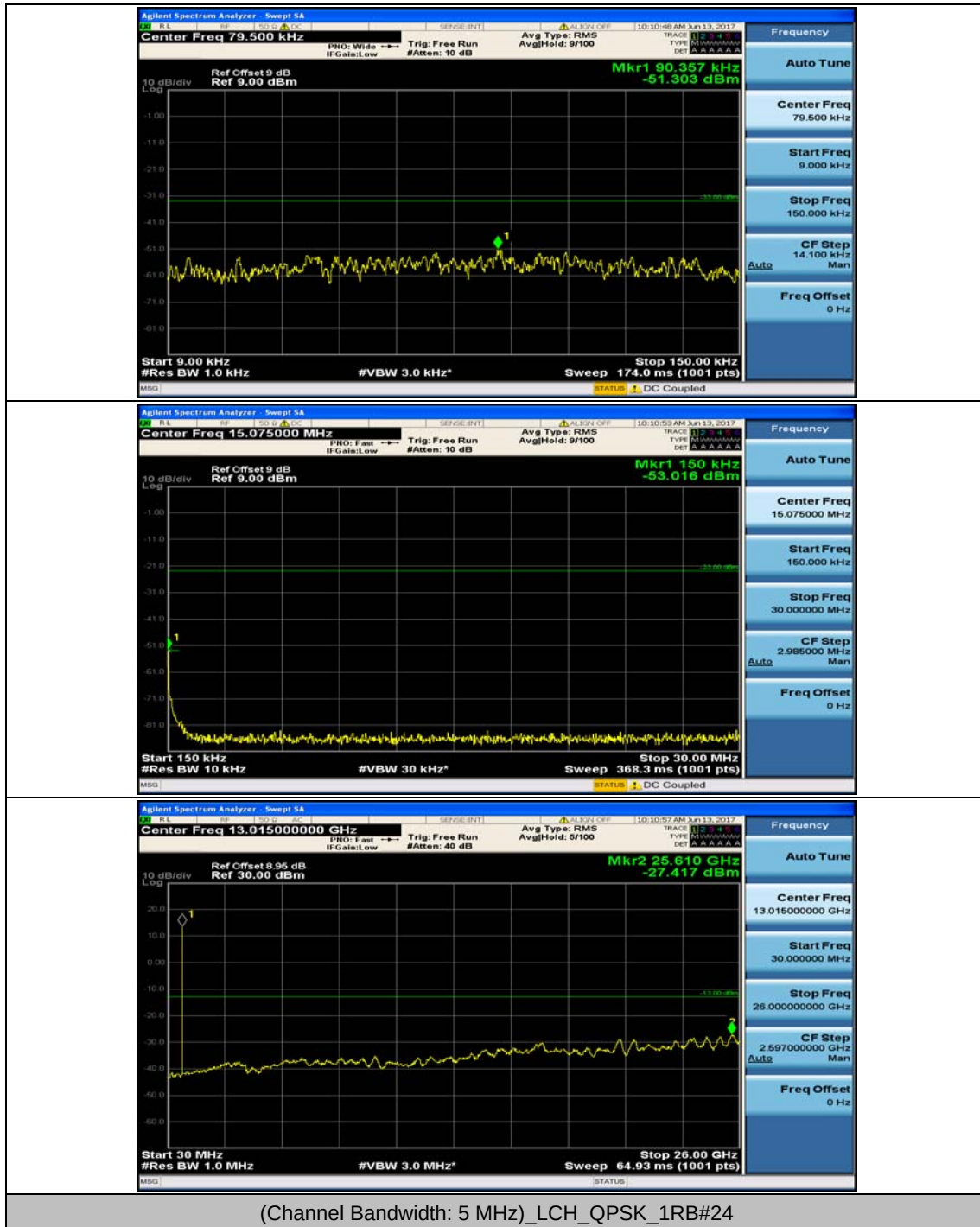
Test Graphs

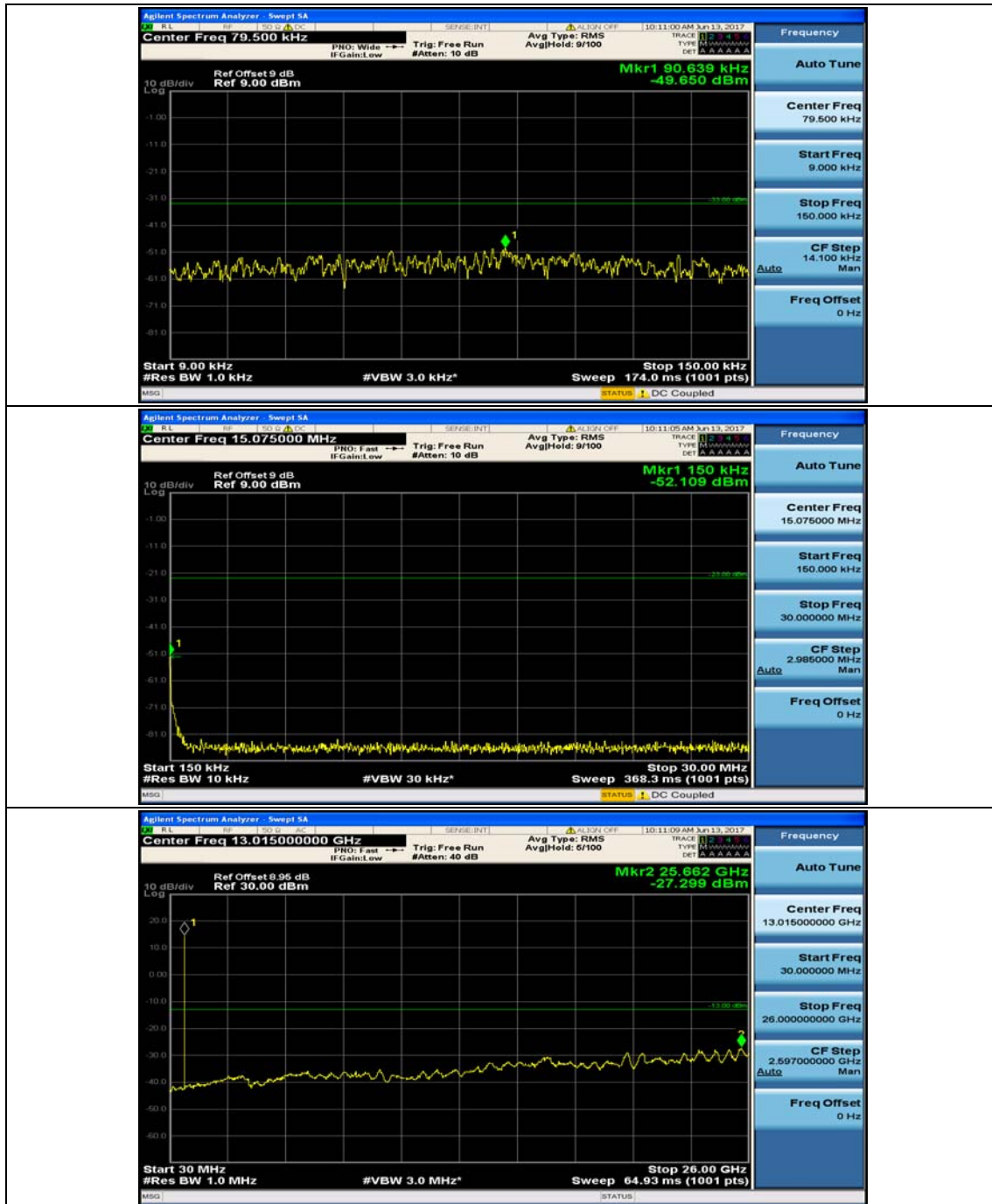
Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0

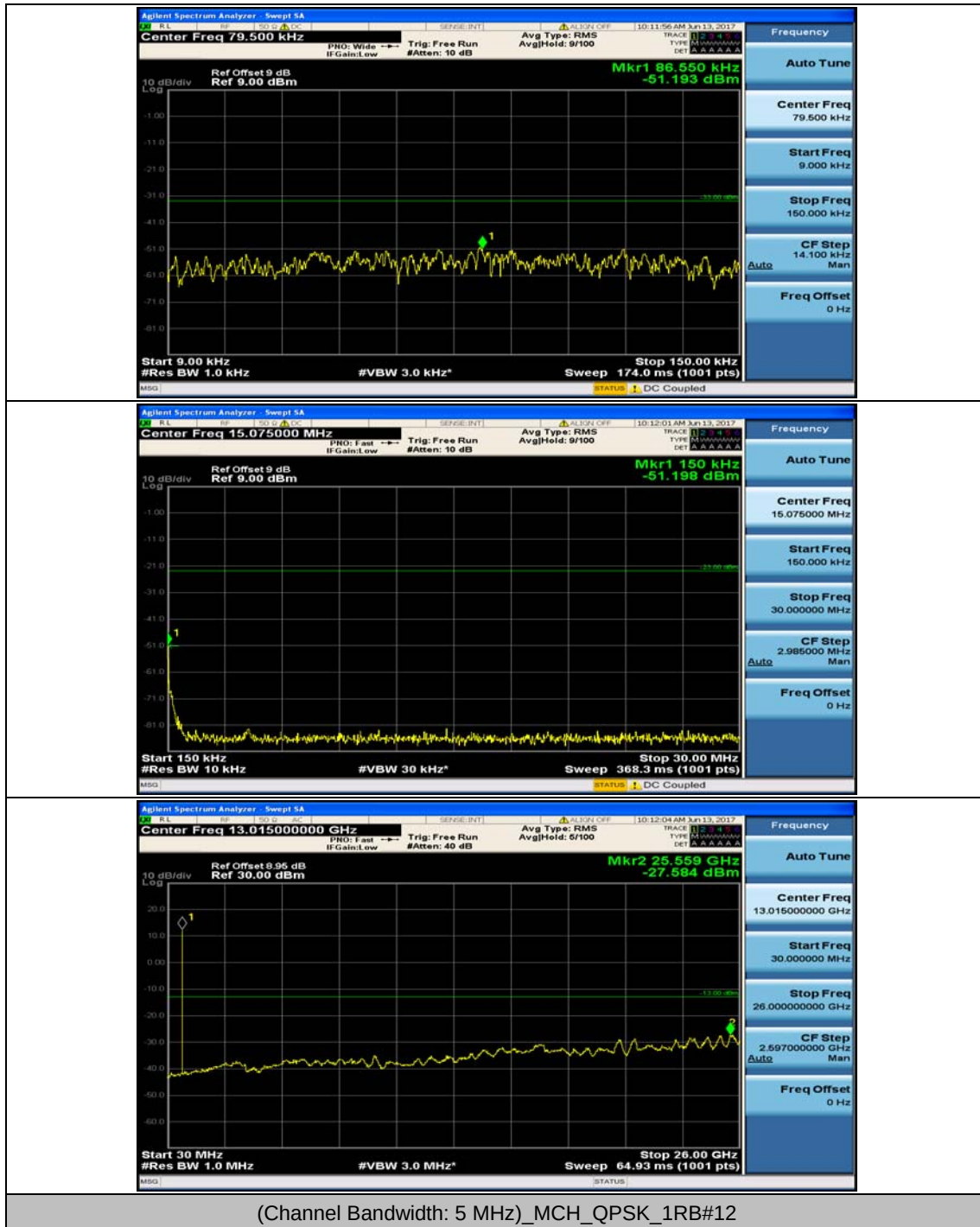


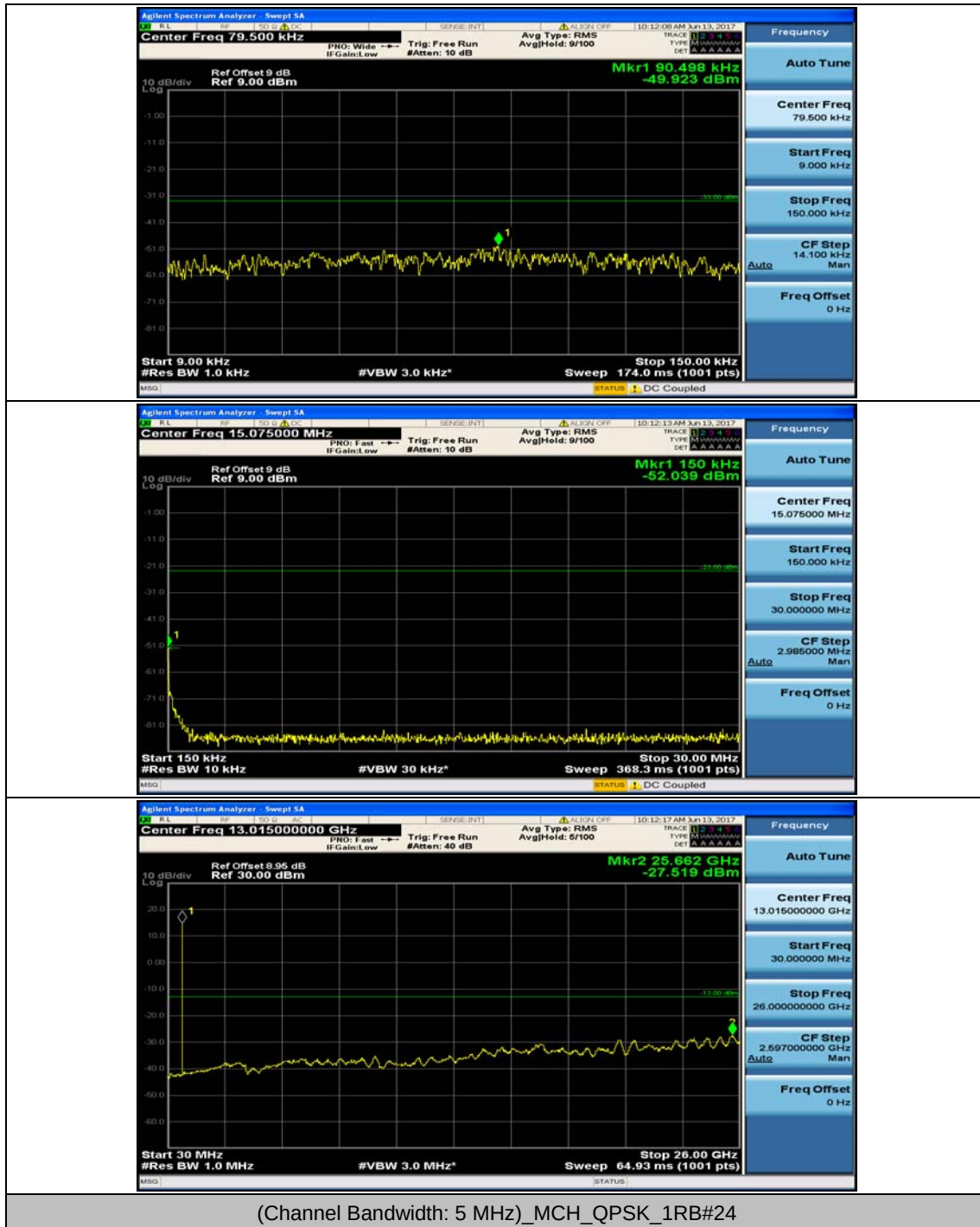
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12

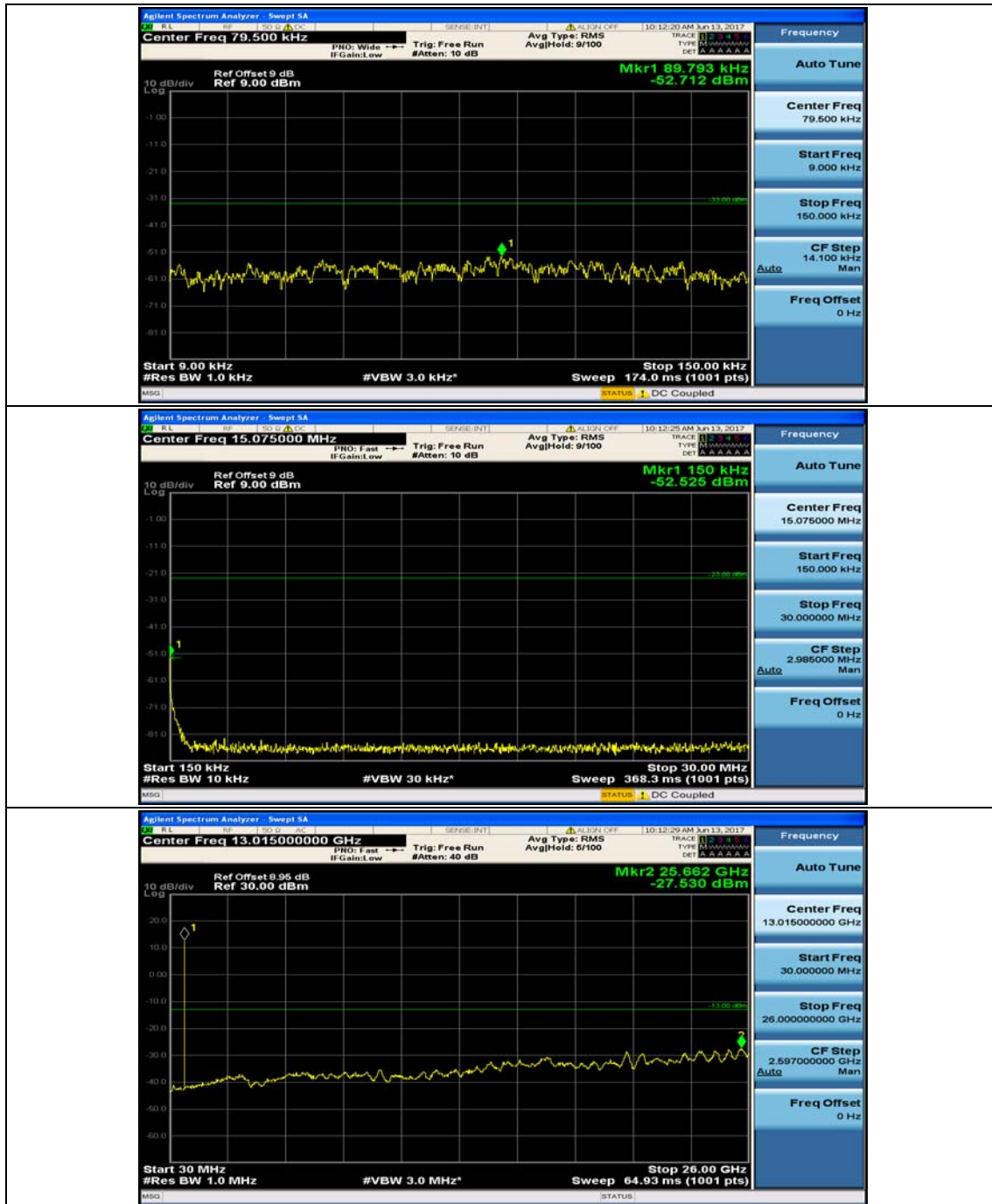




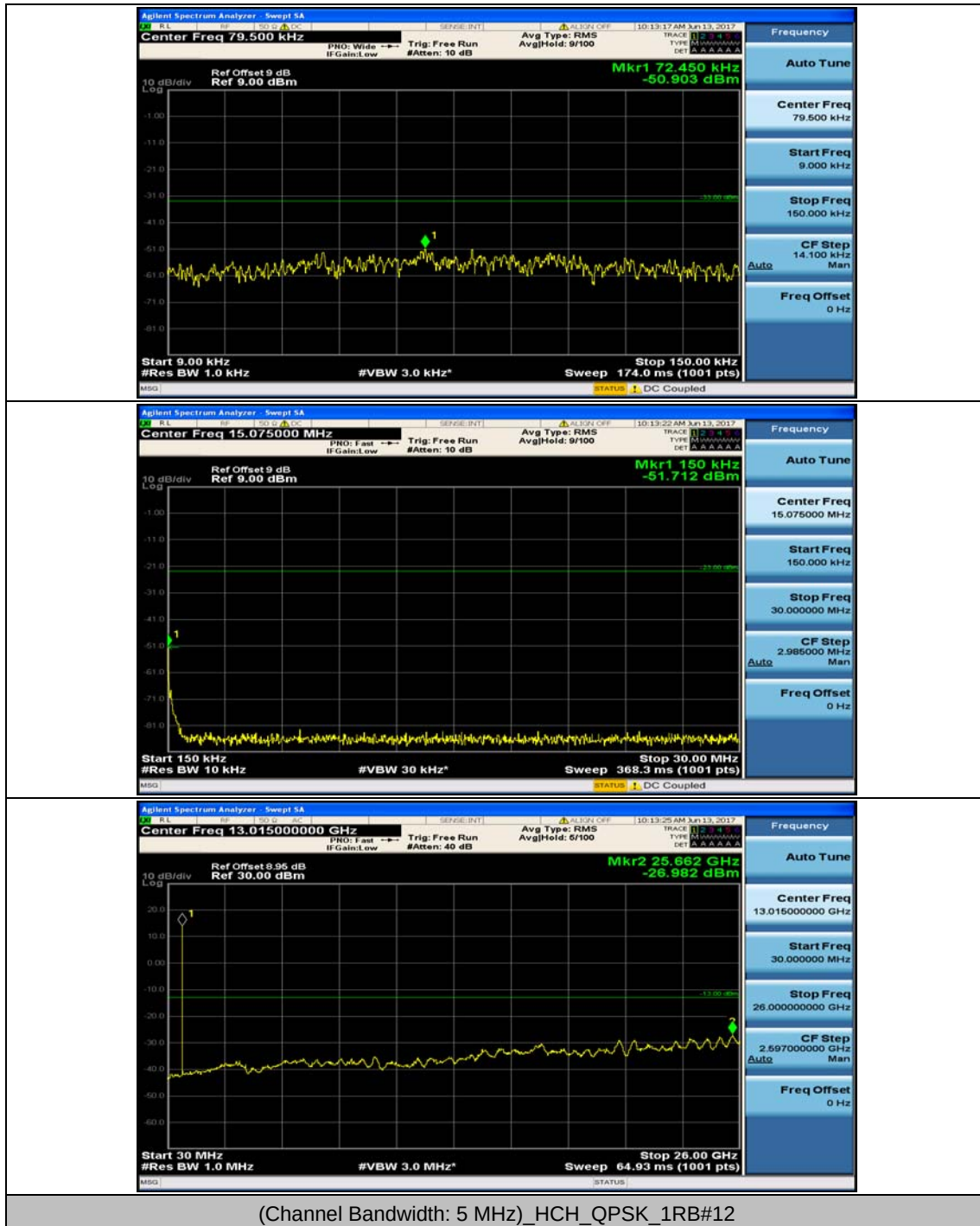
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

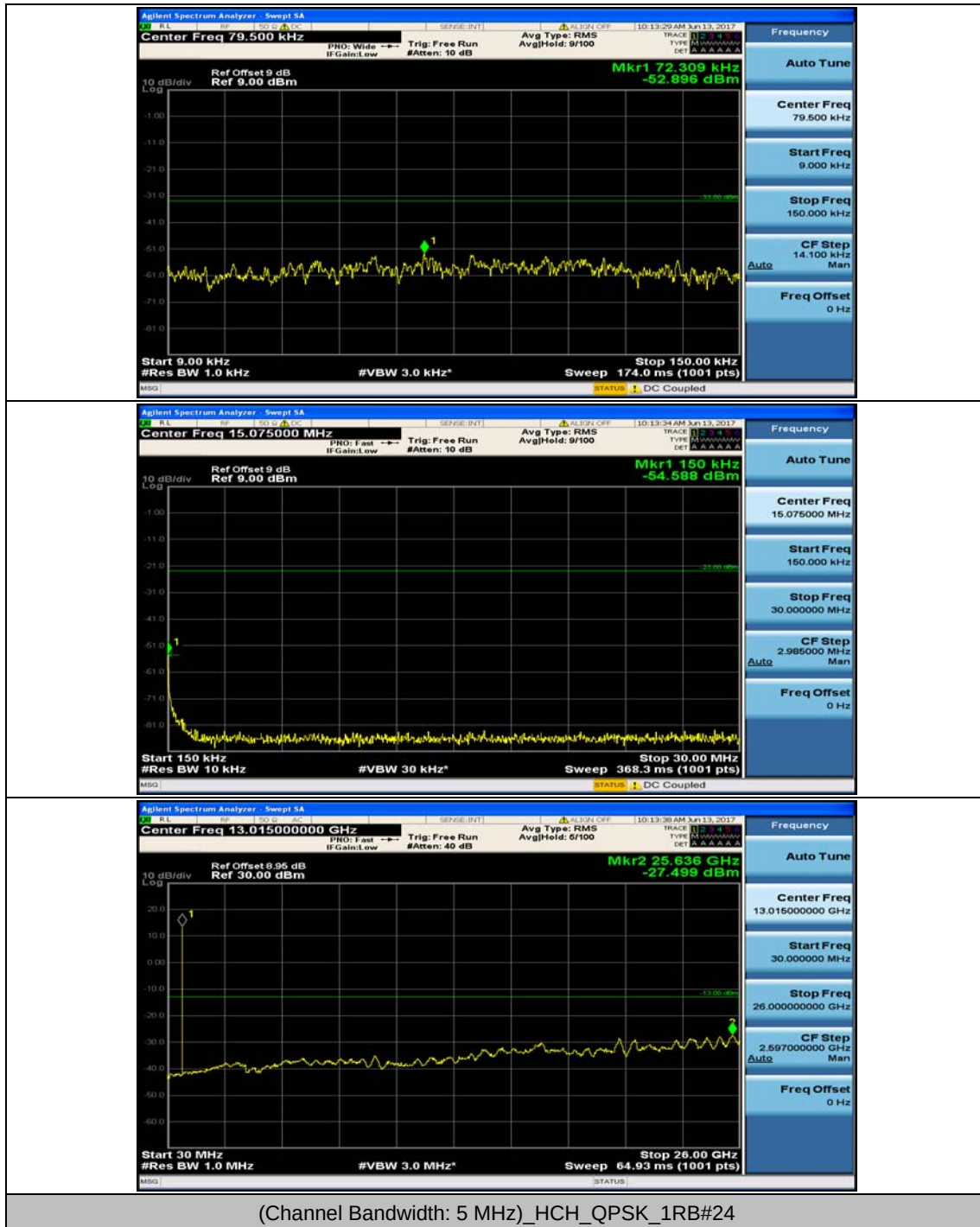


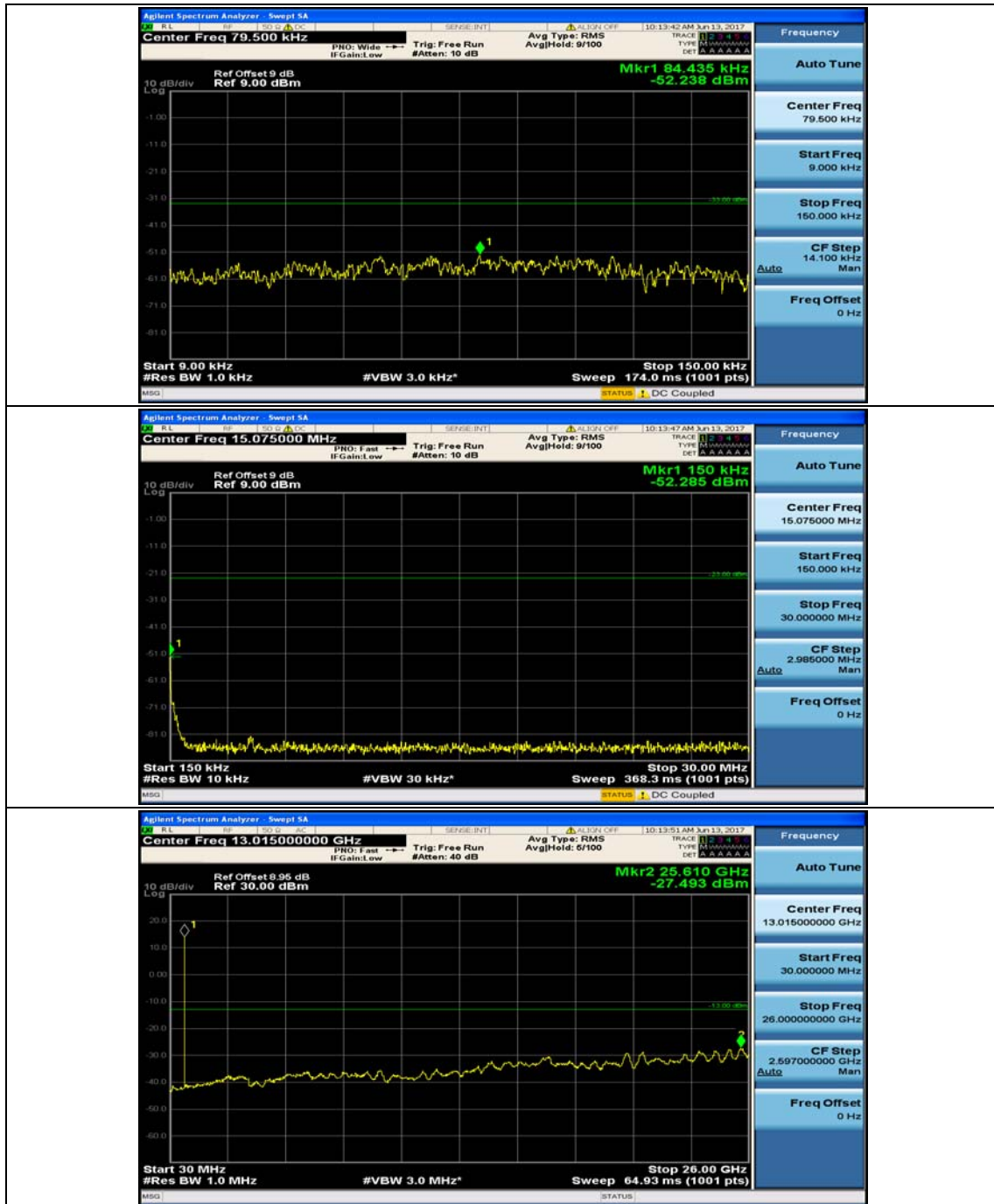




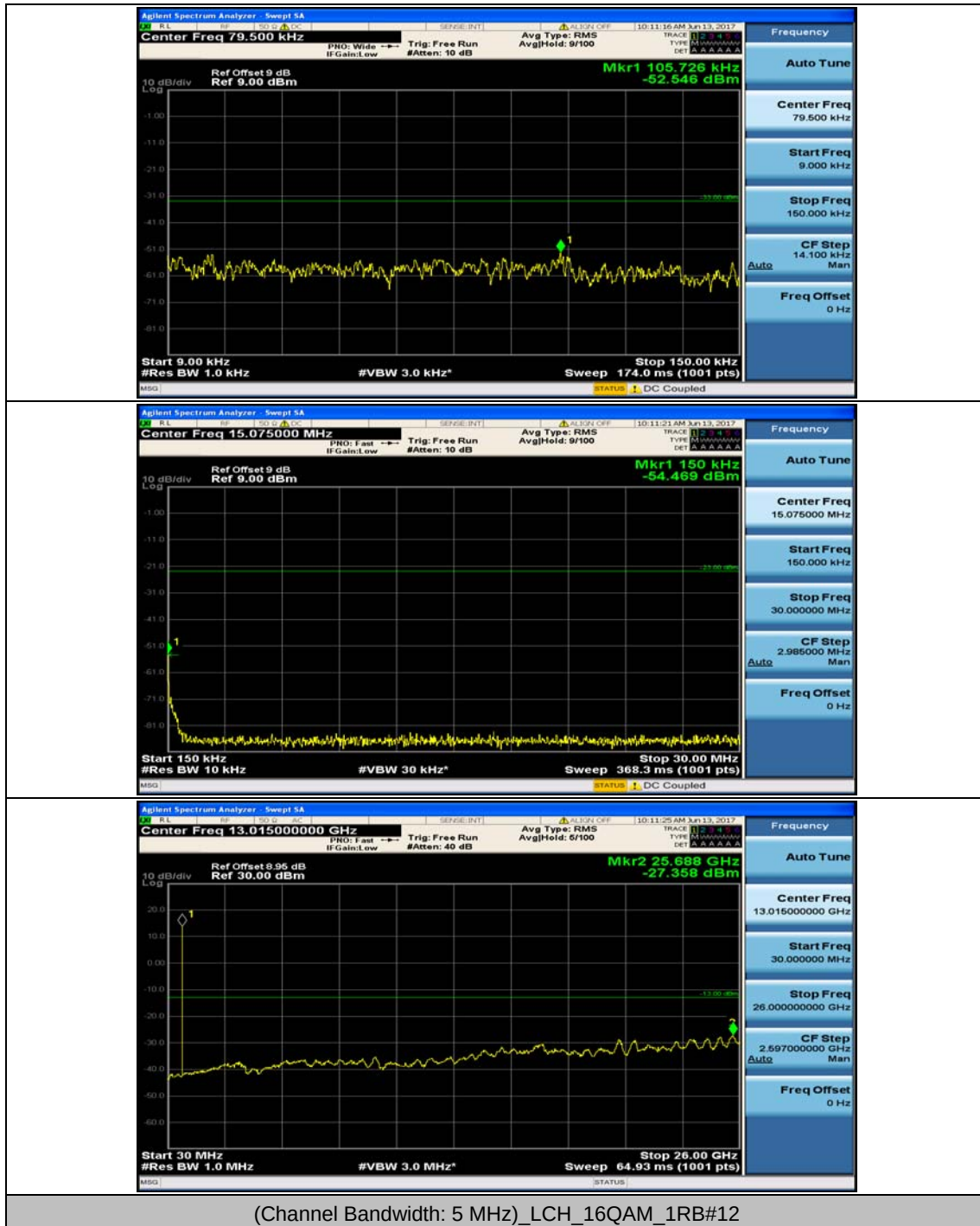
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

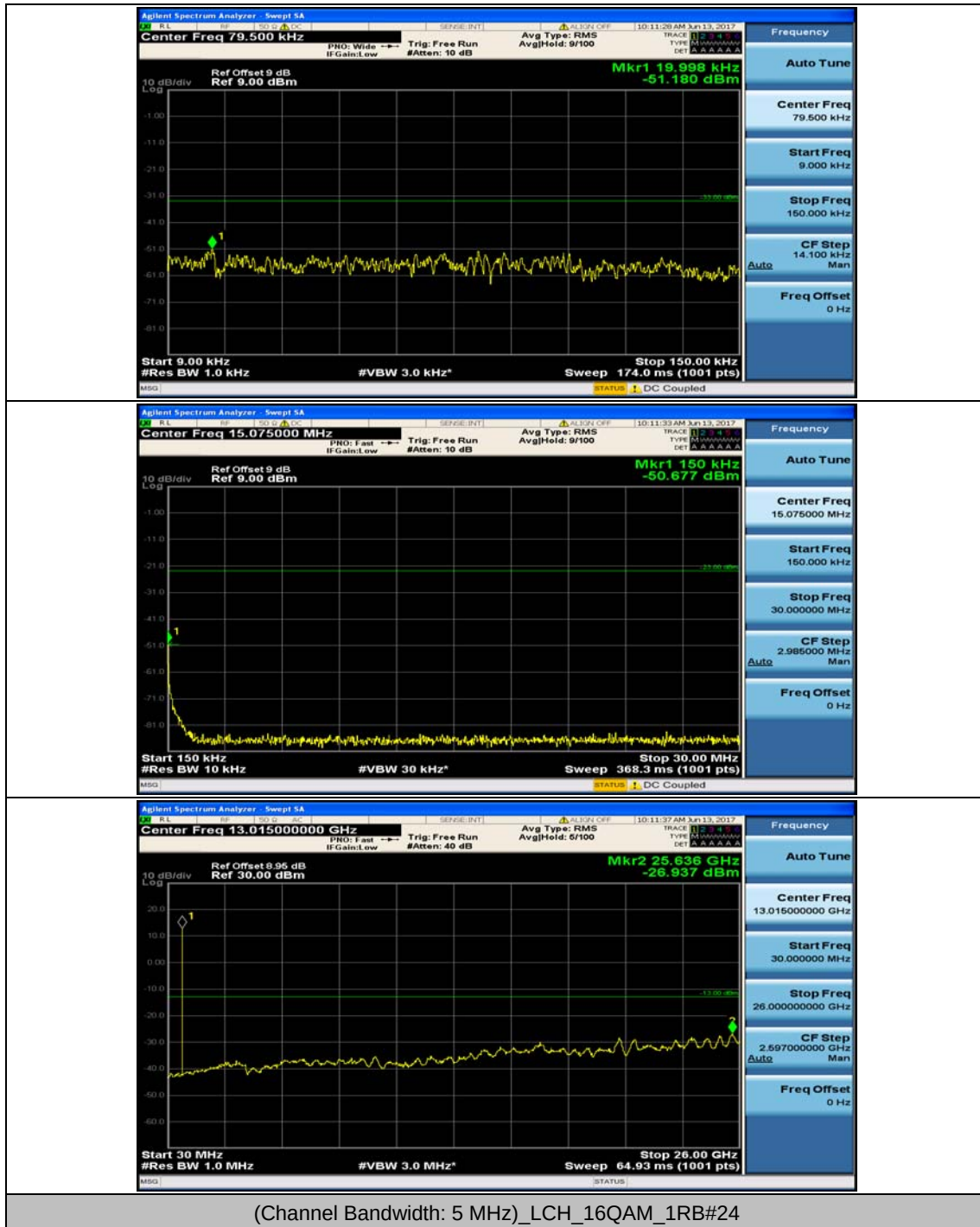


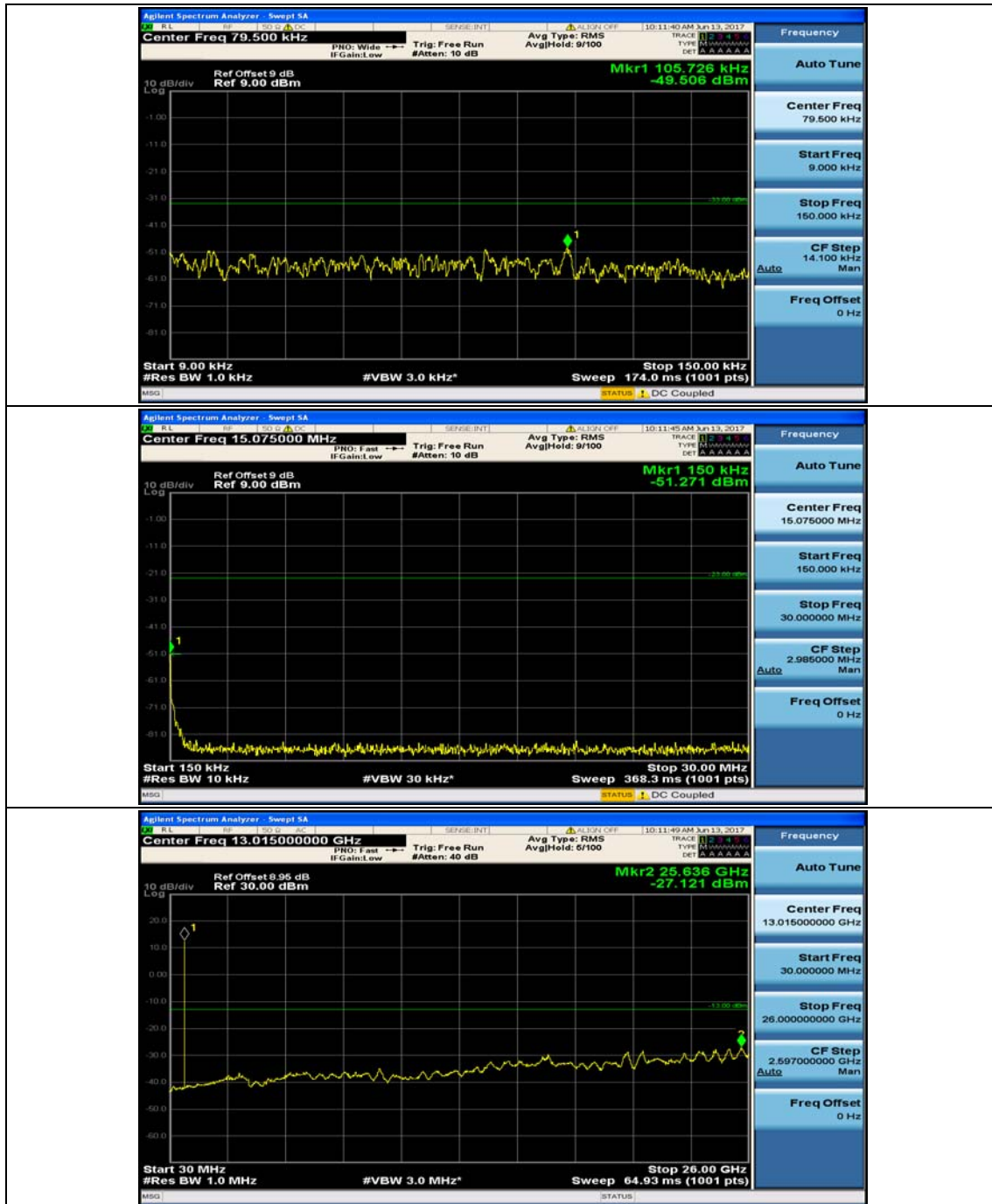




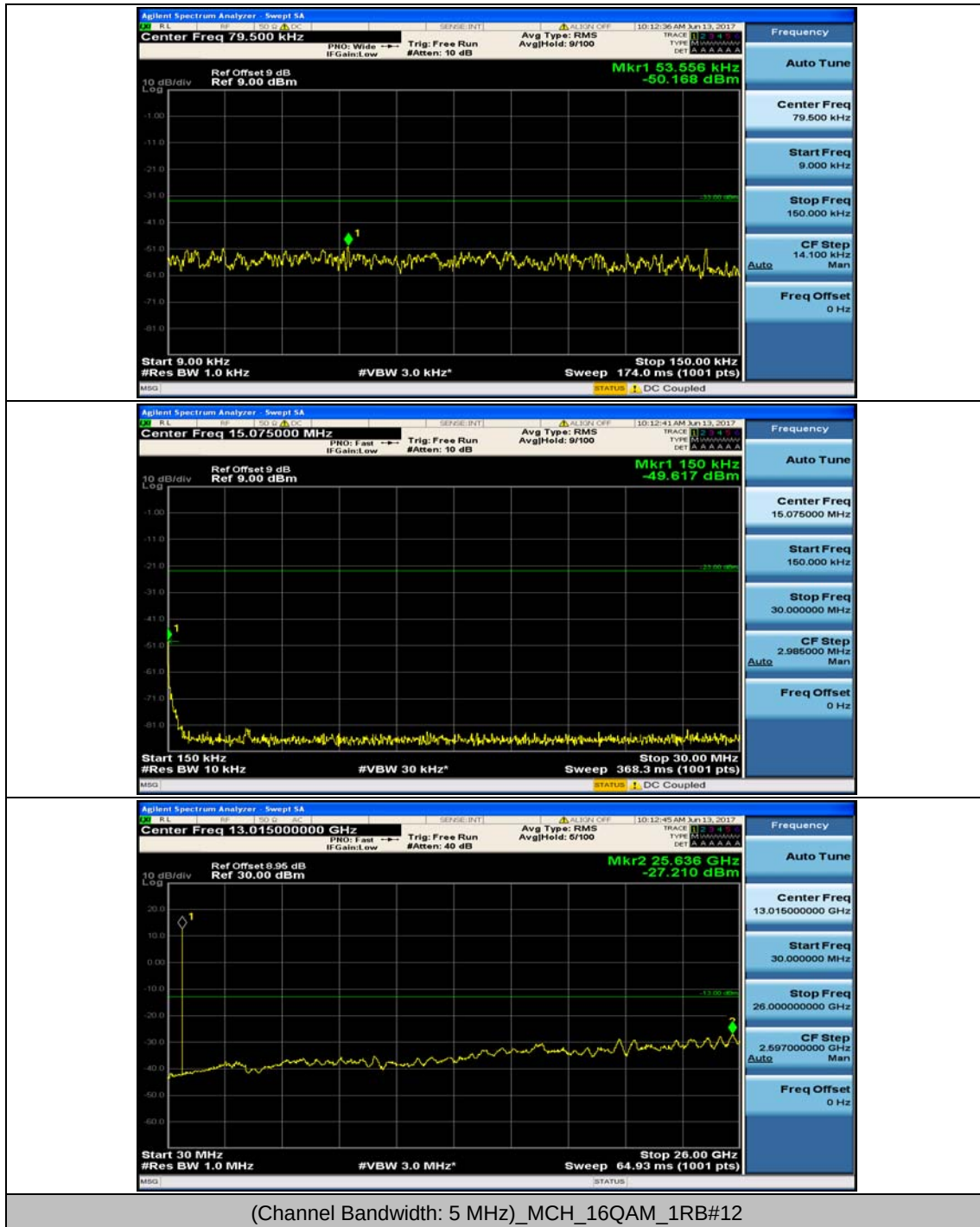
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

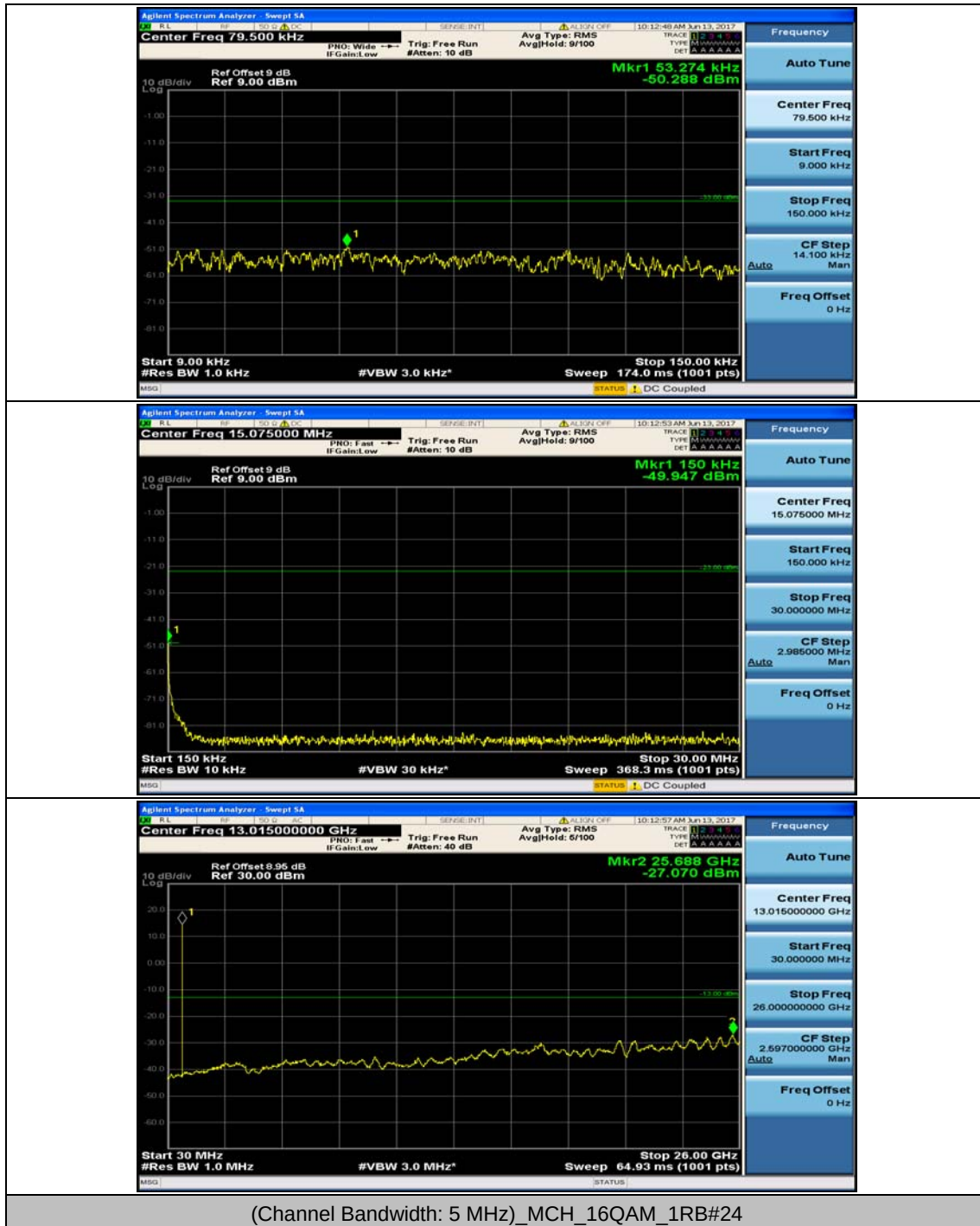


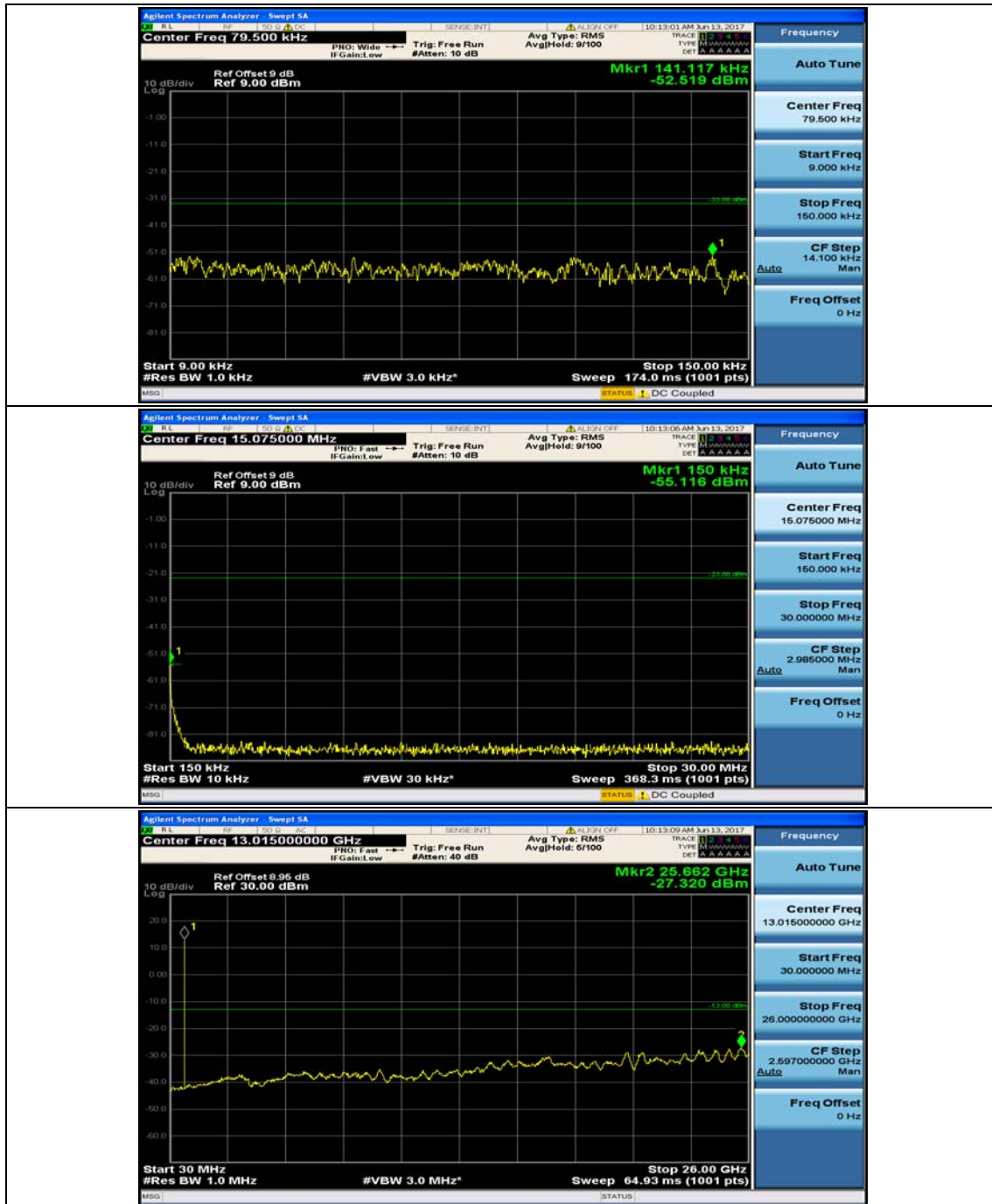




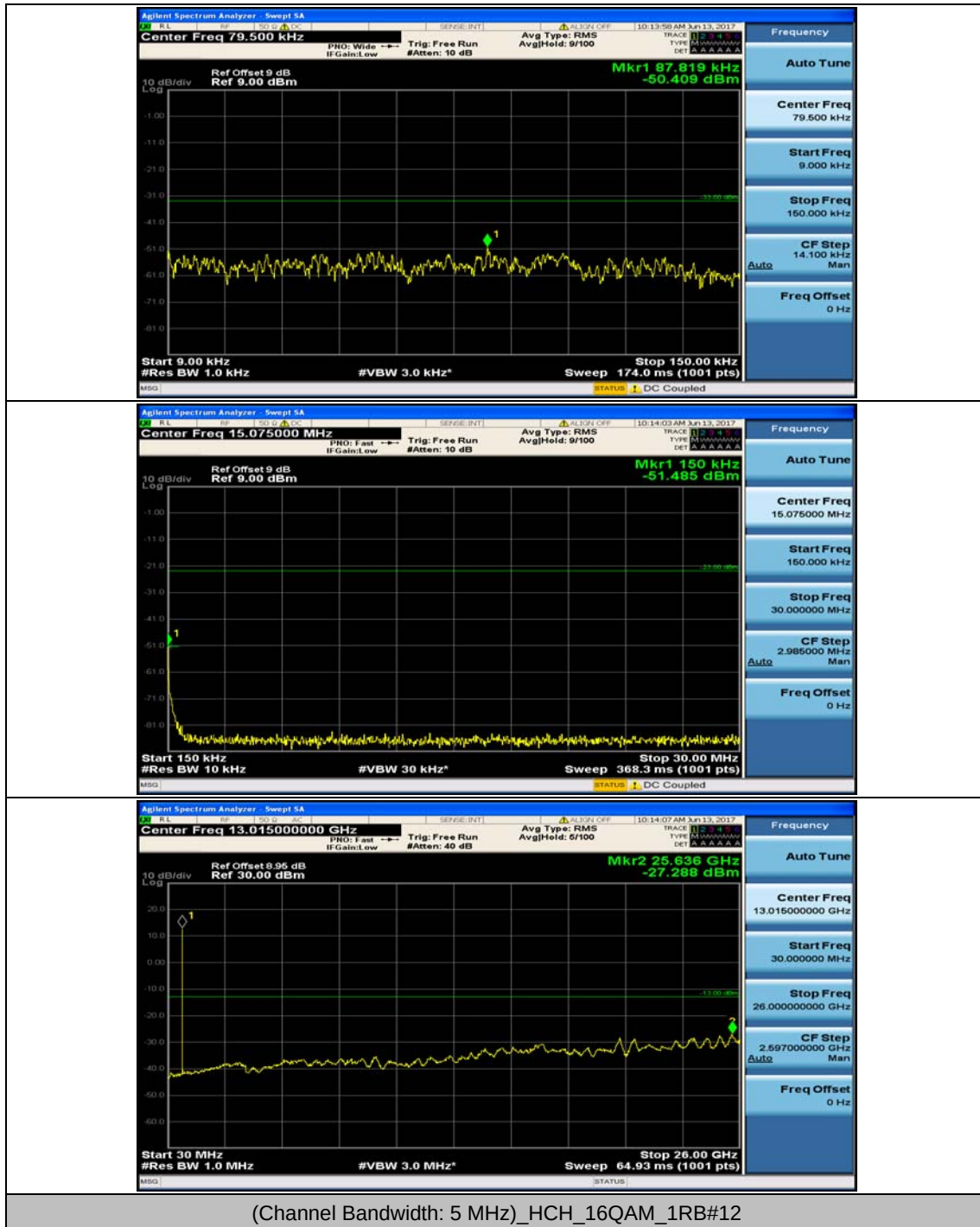
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

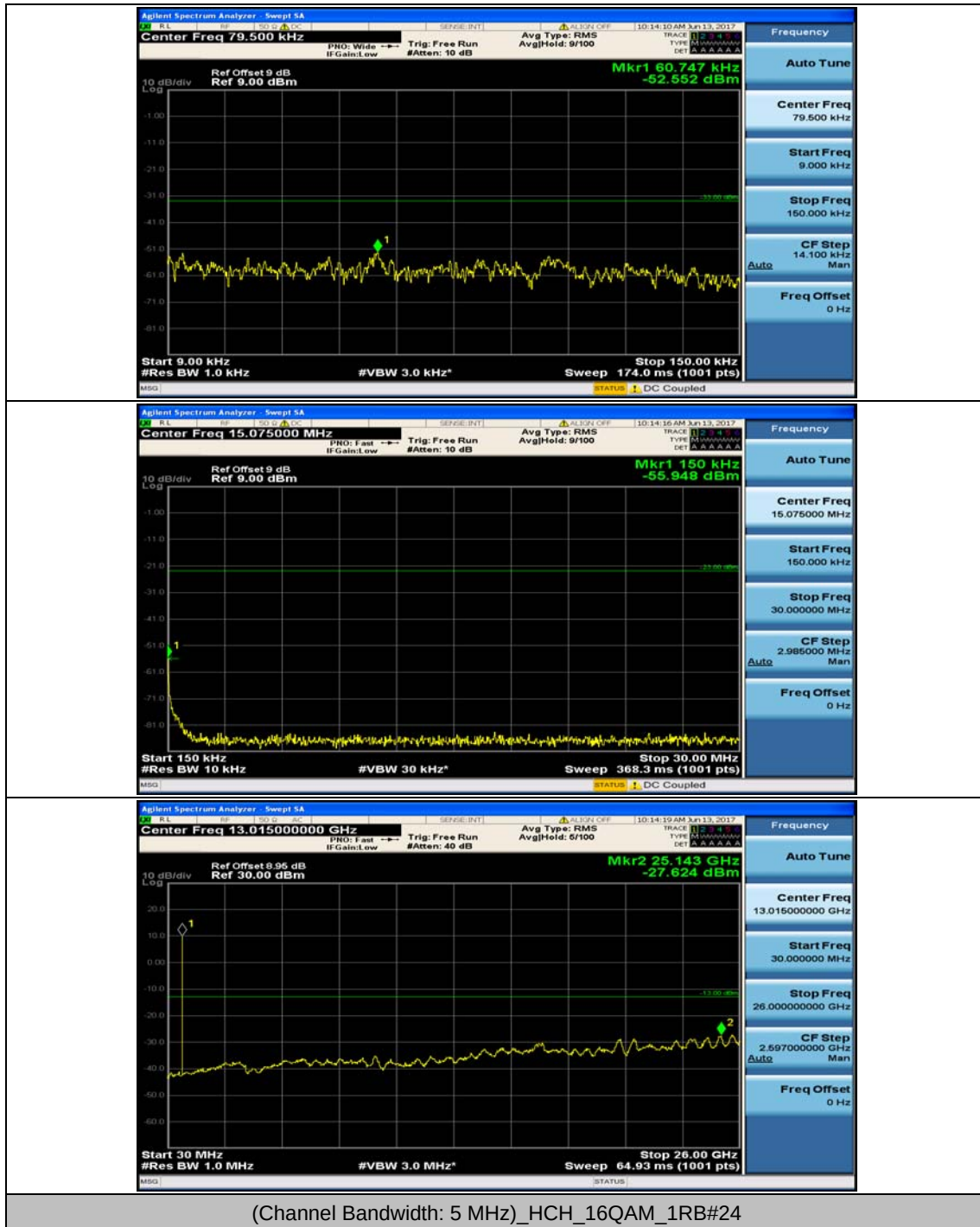


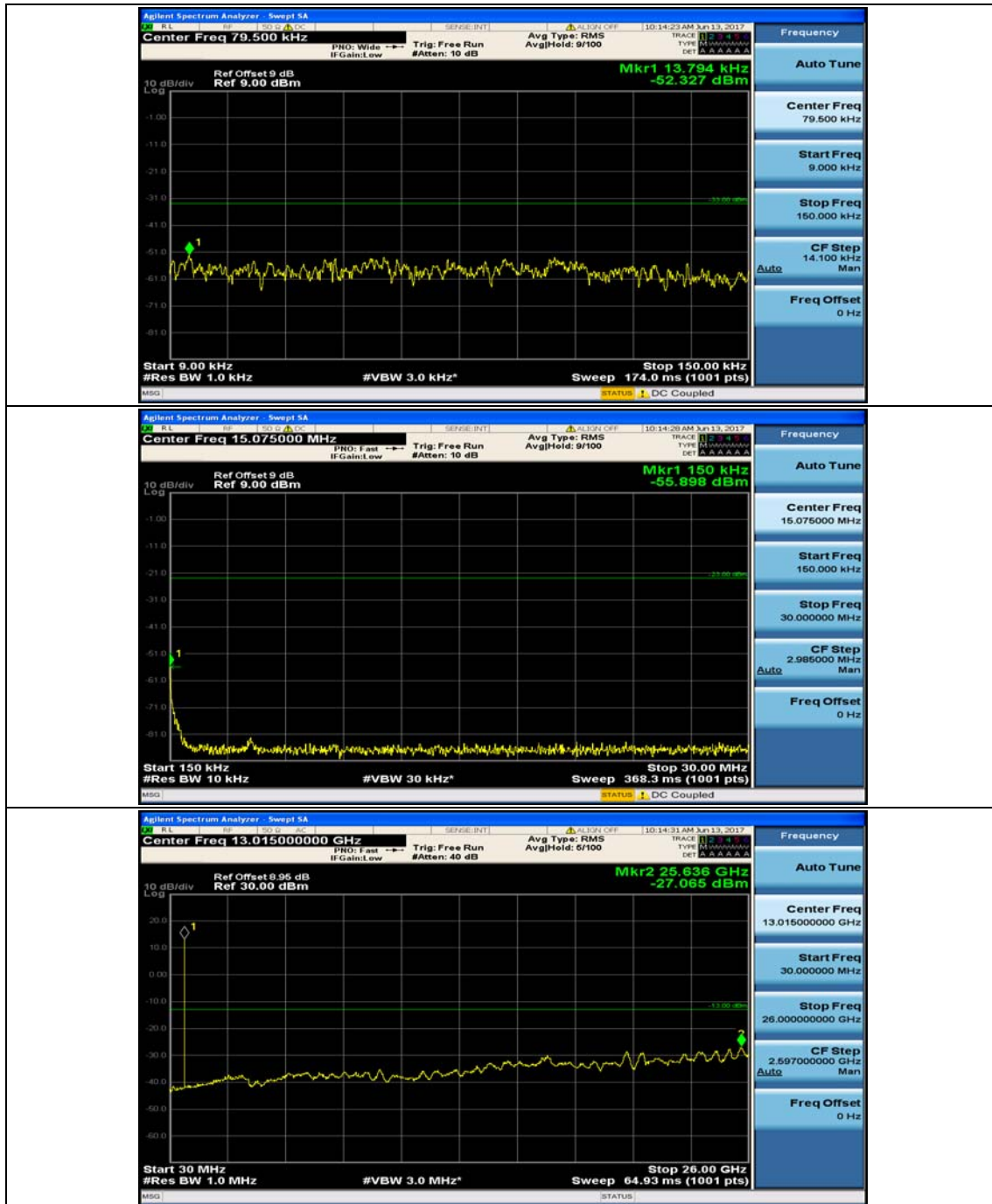




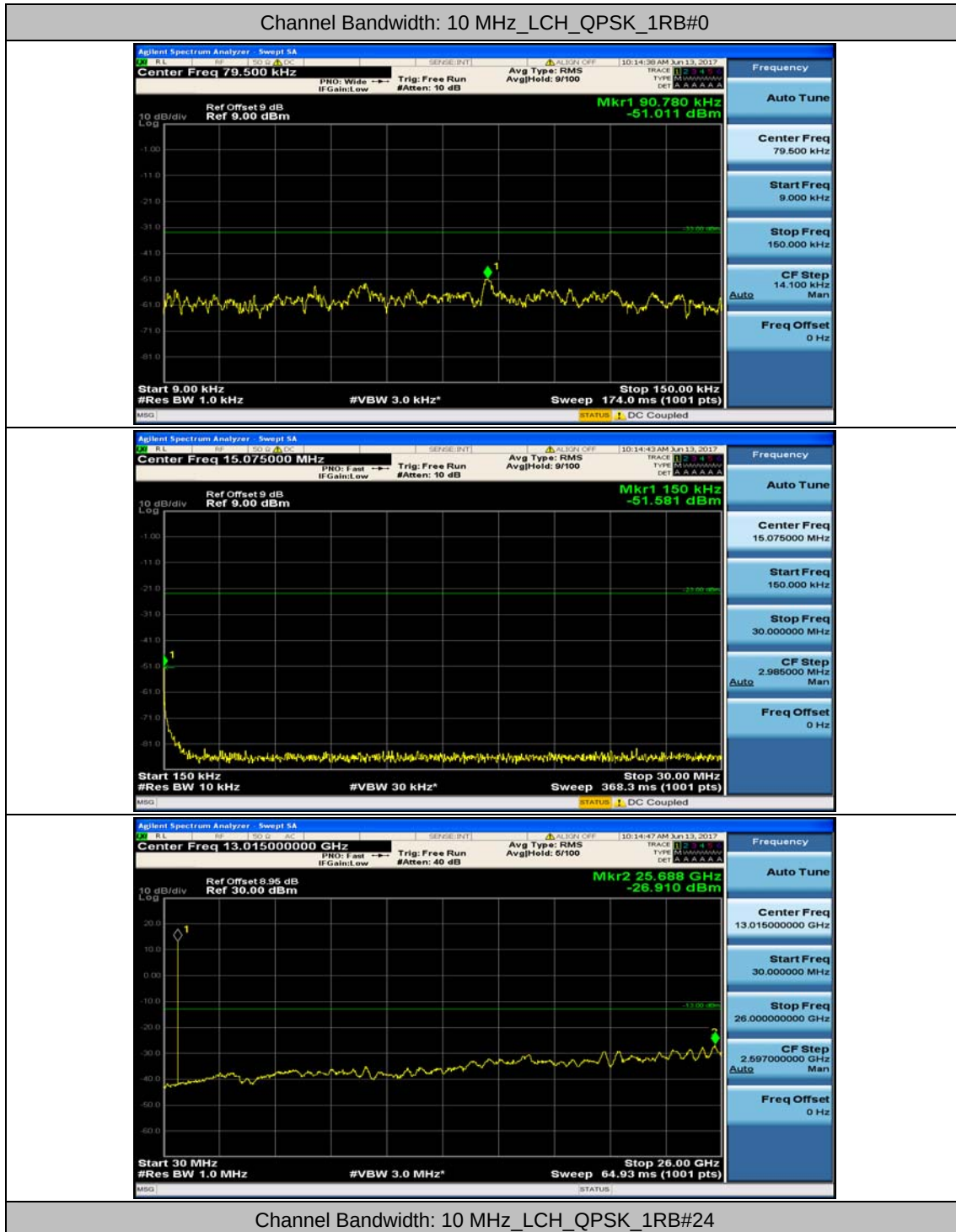
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

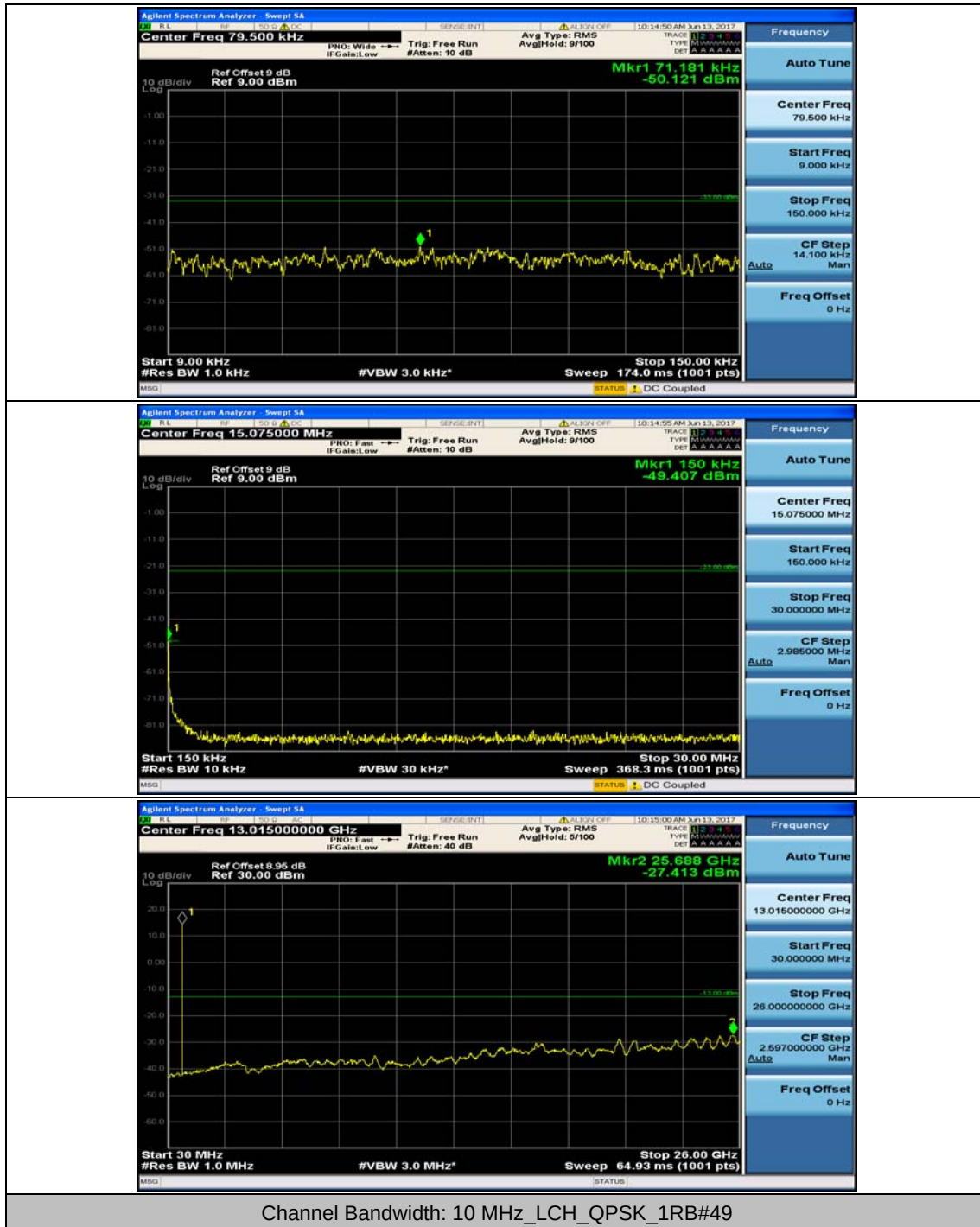


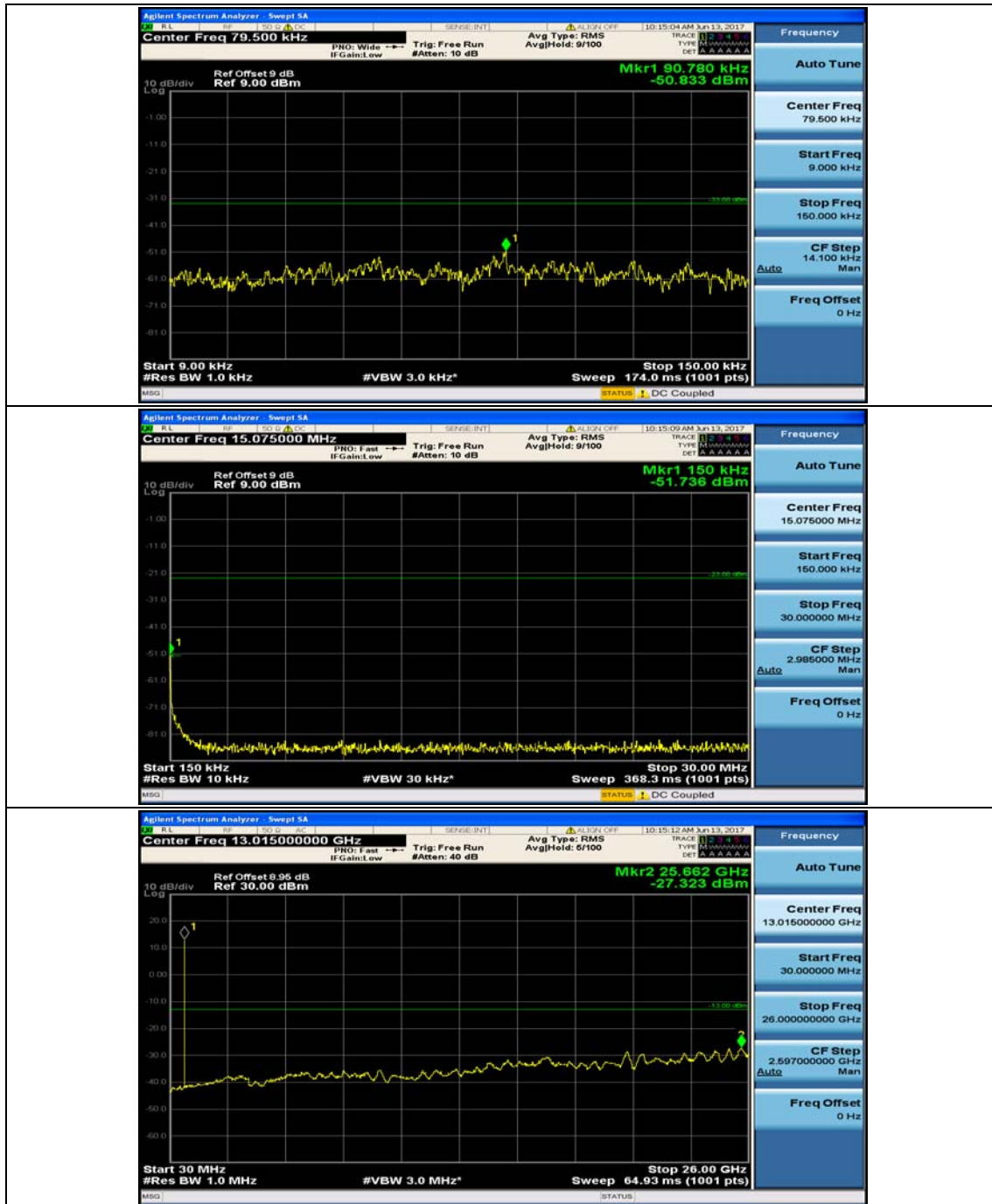




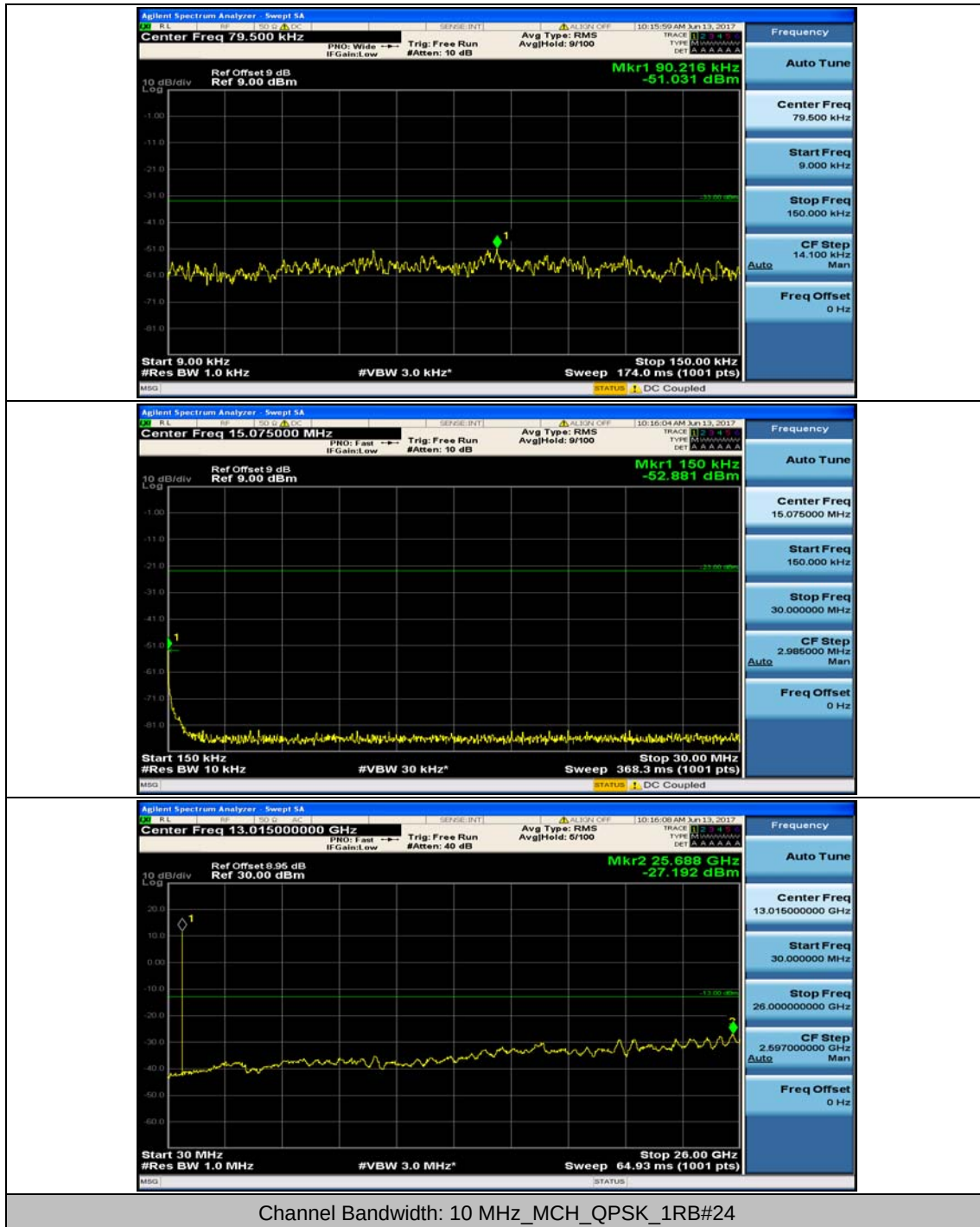
Channel Bandwidth: 10 MHz

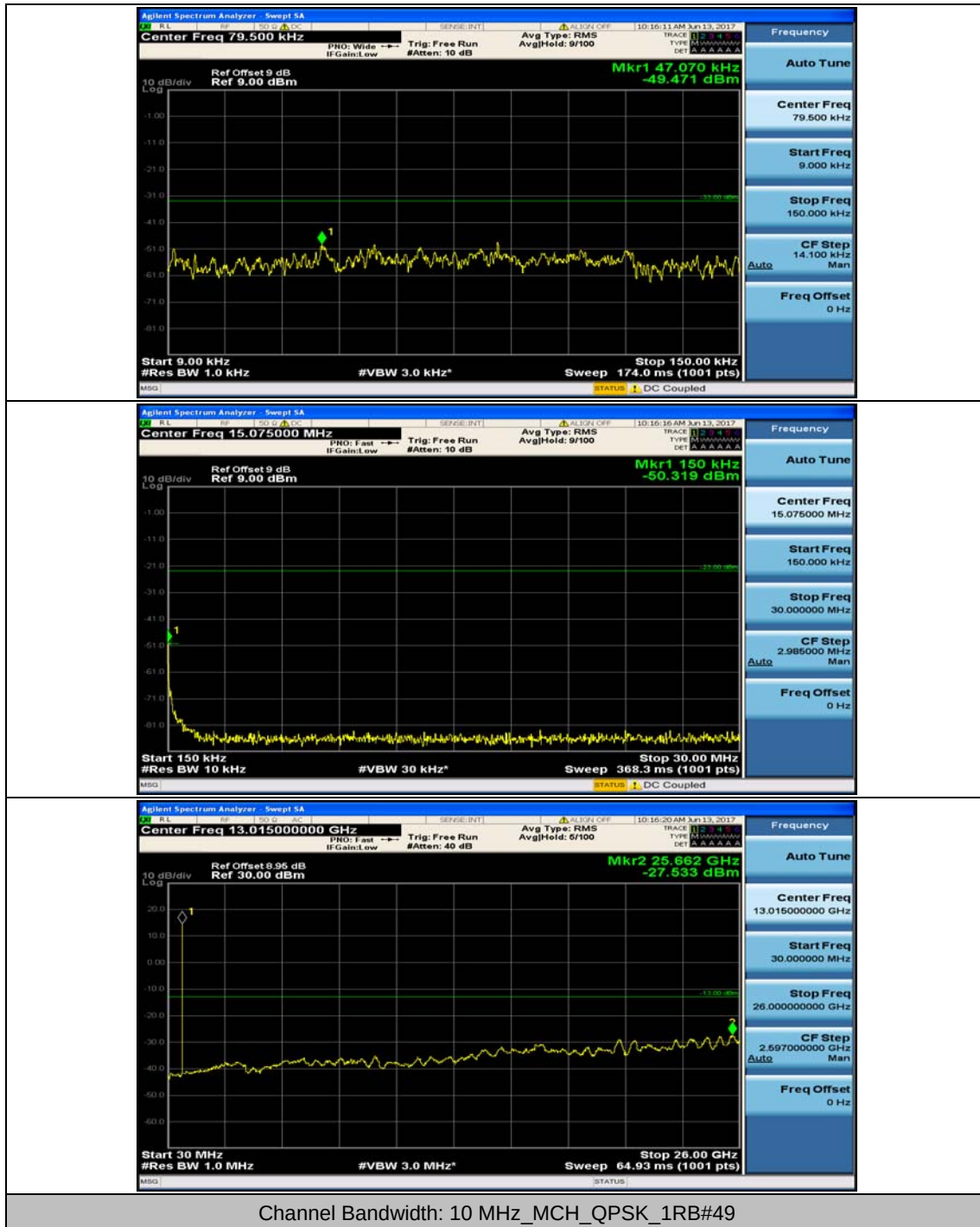


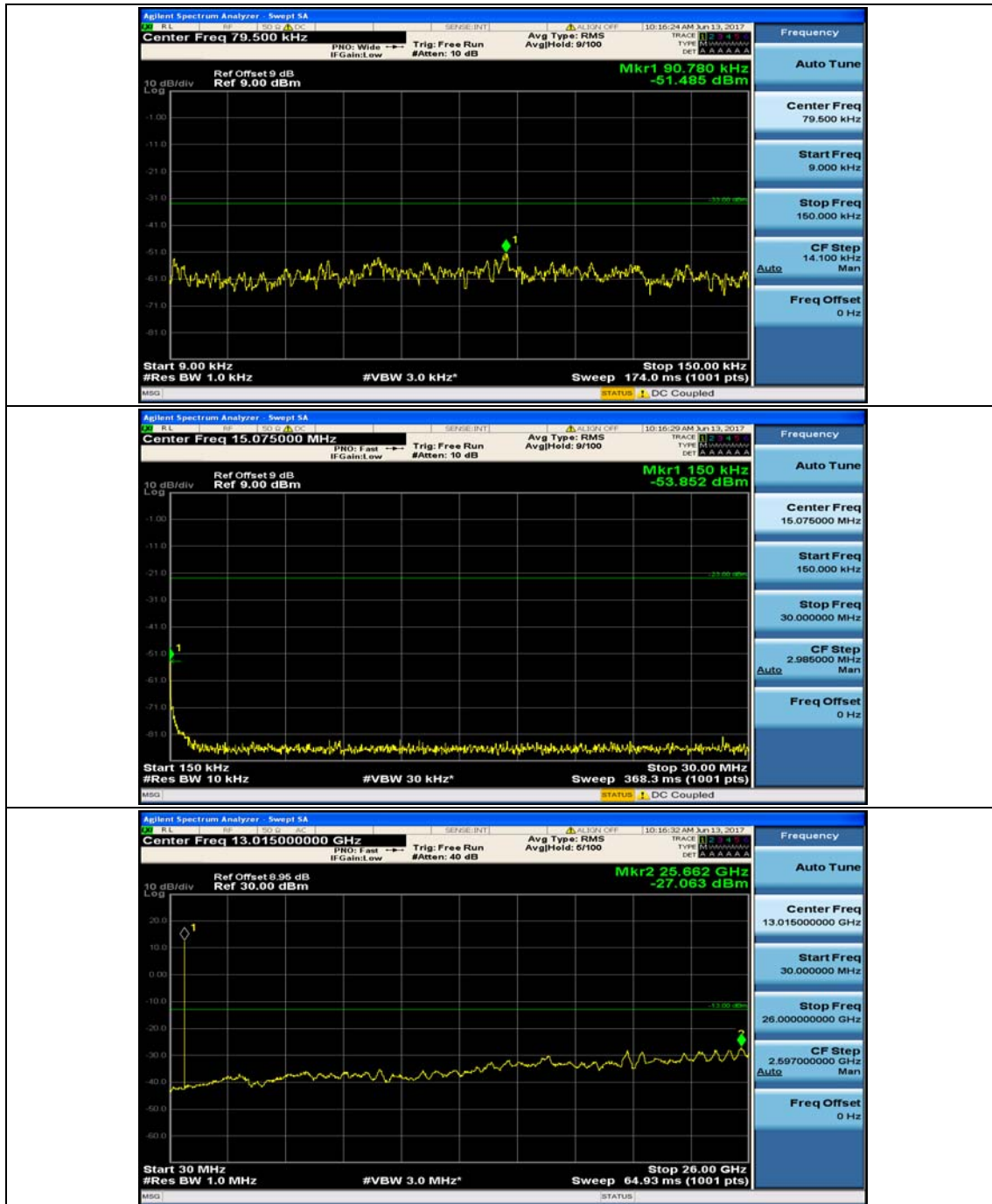




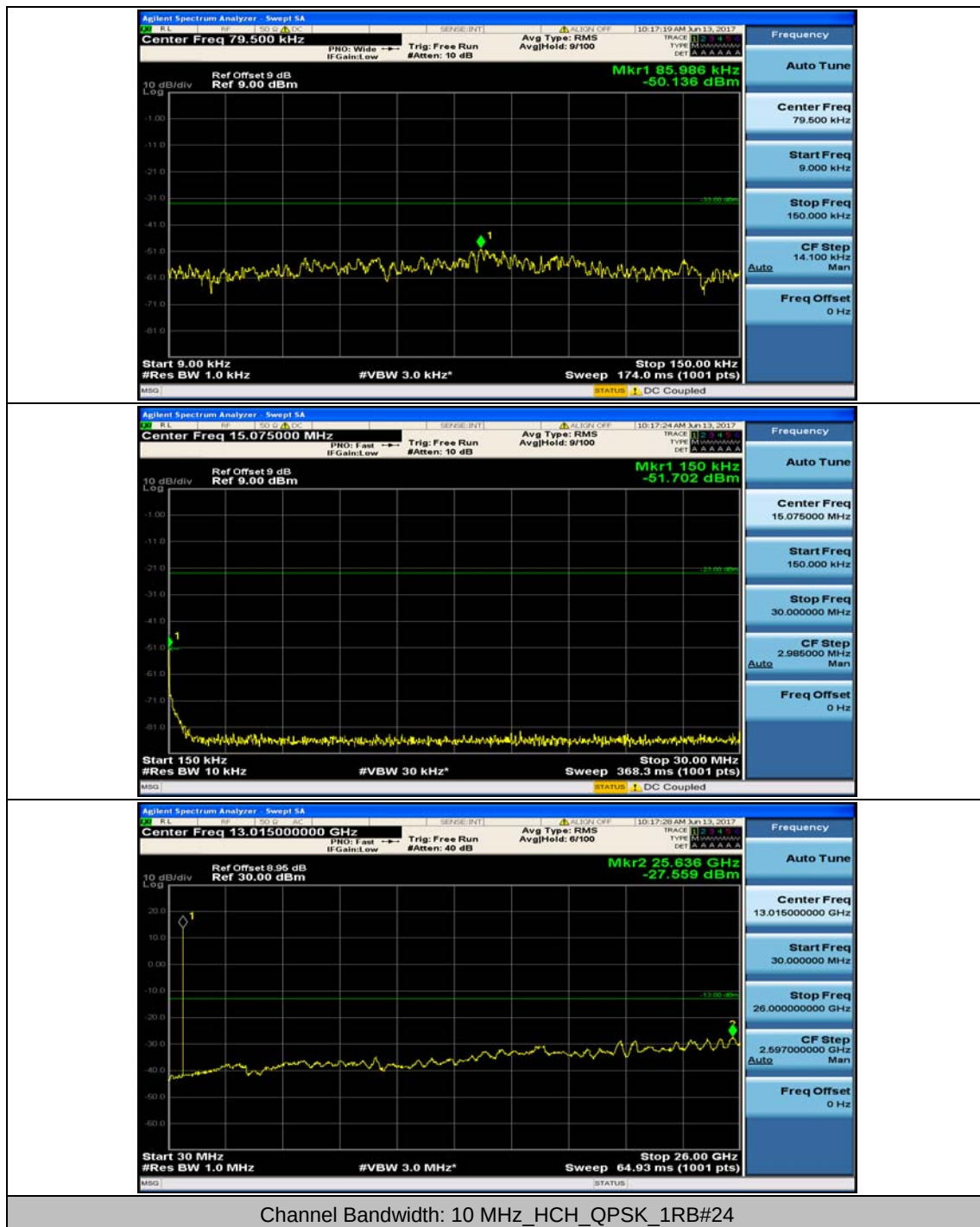
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

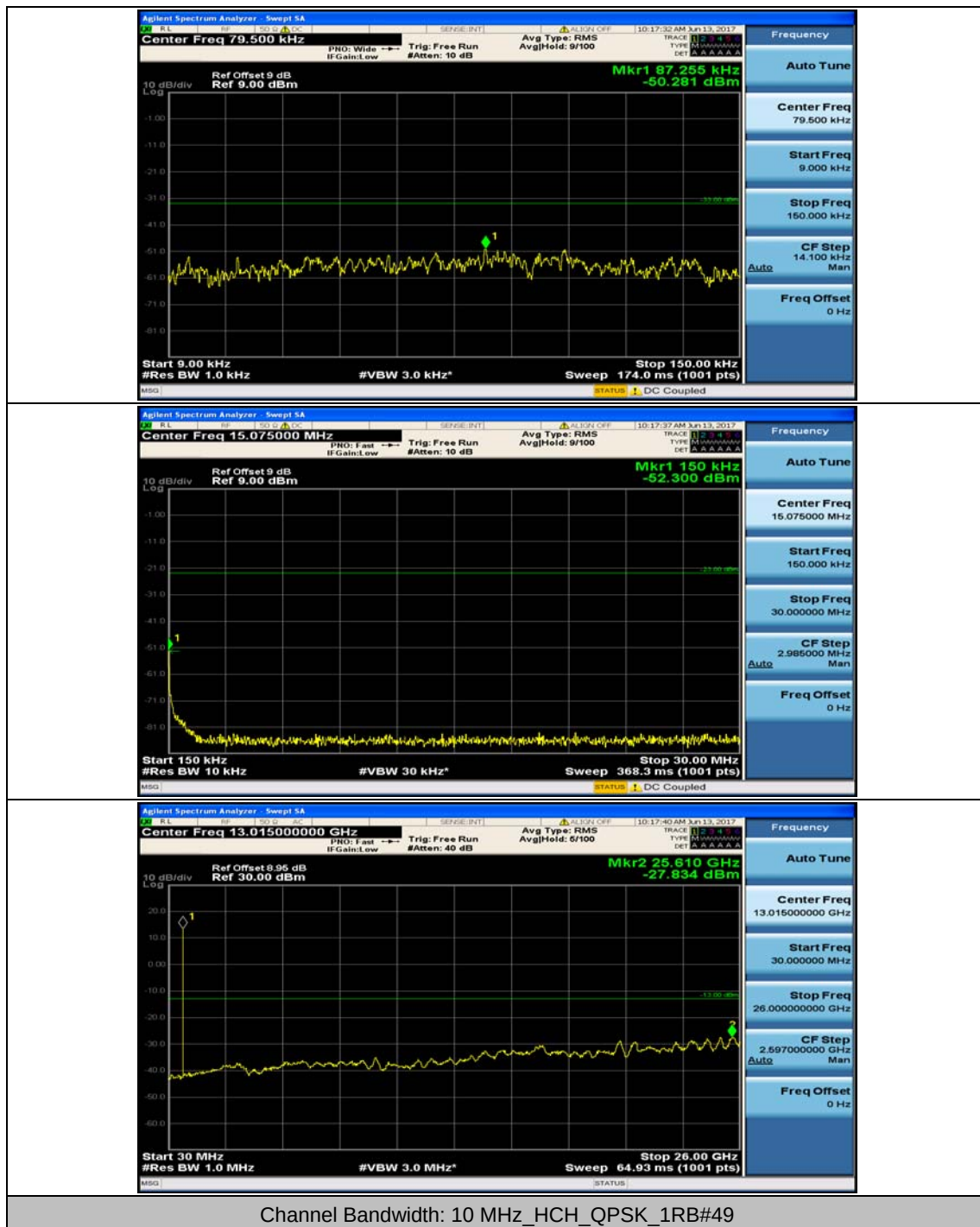


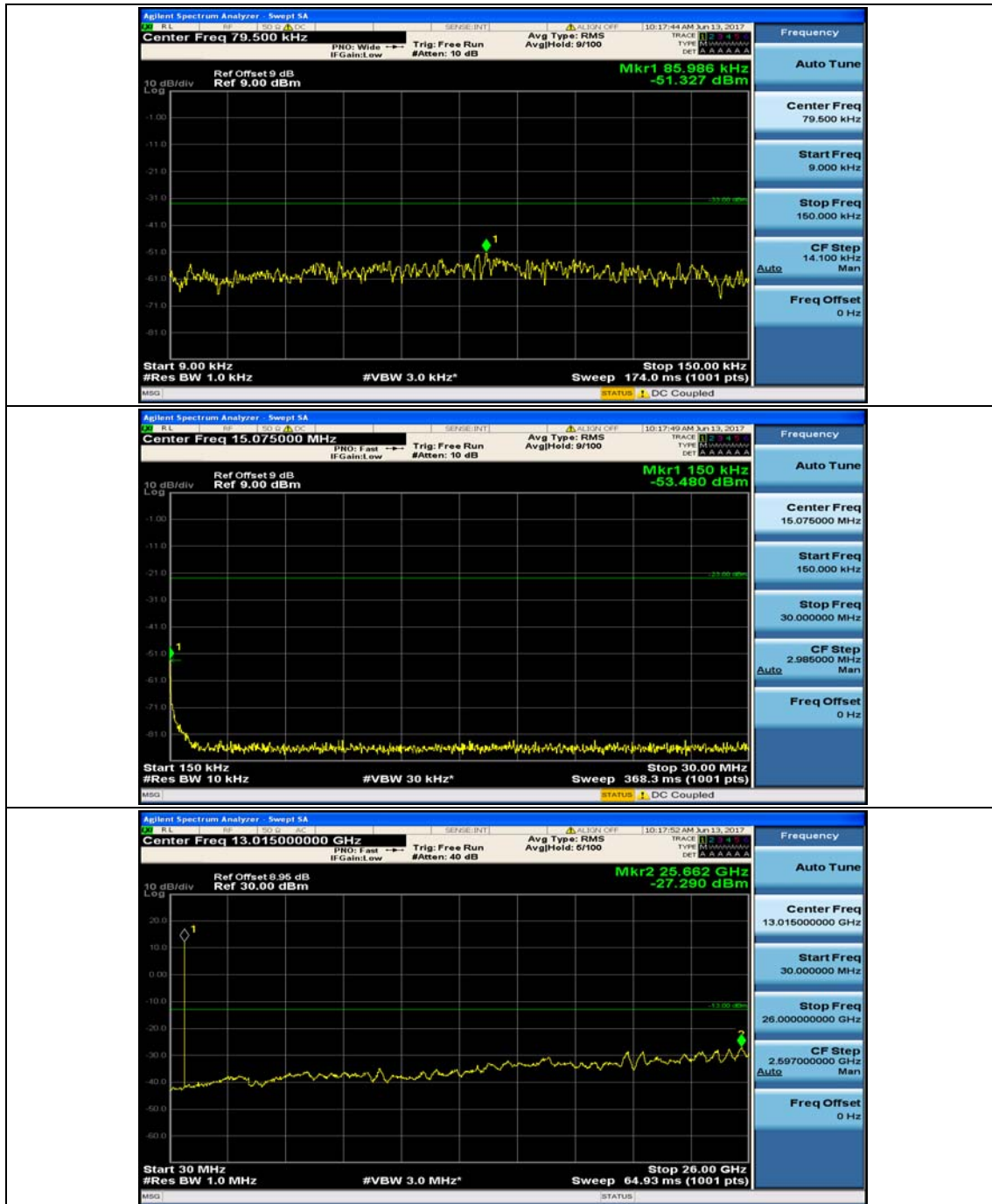




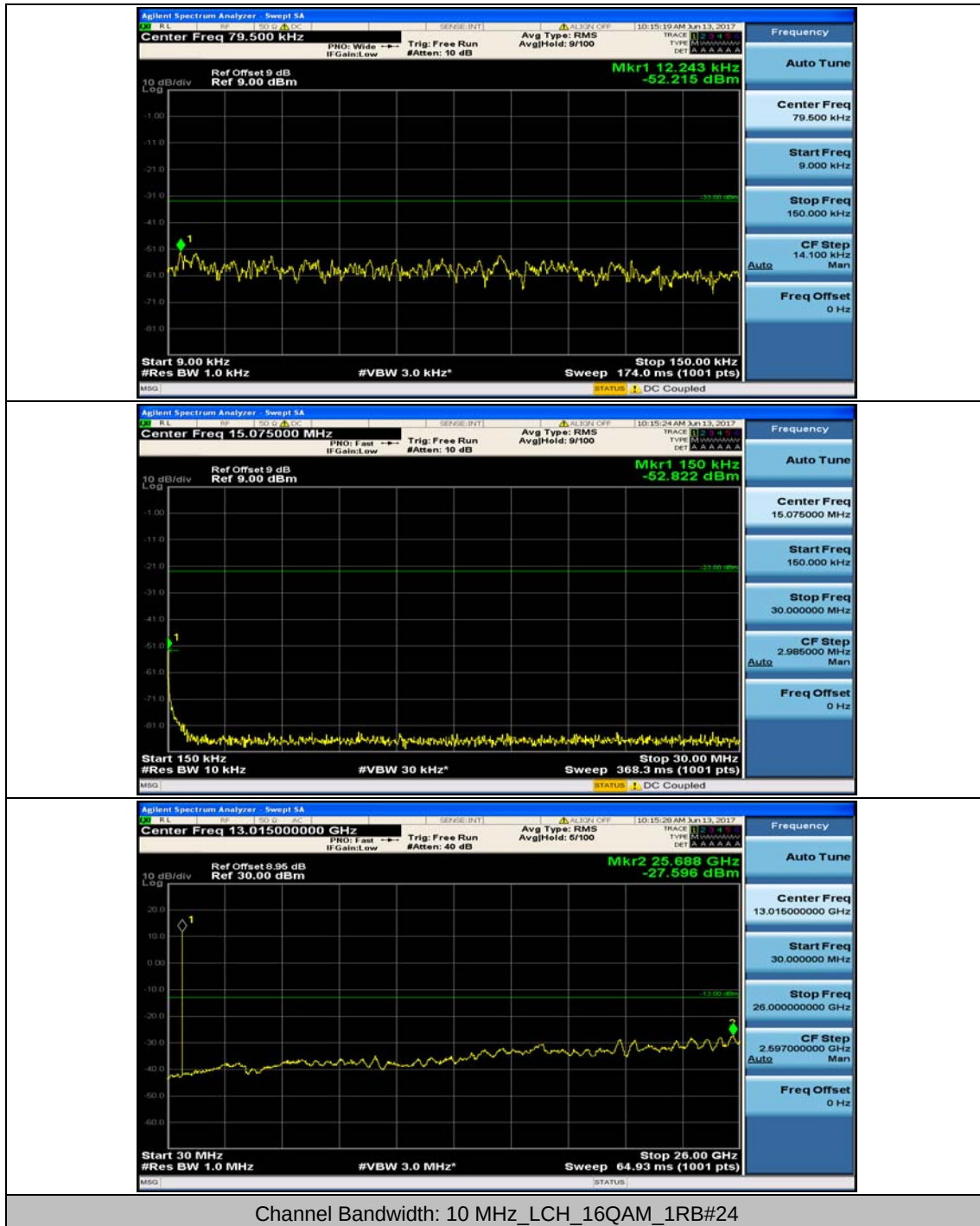
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

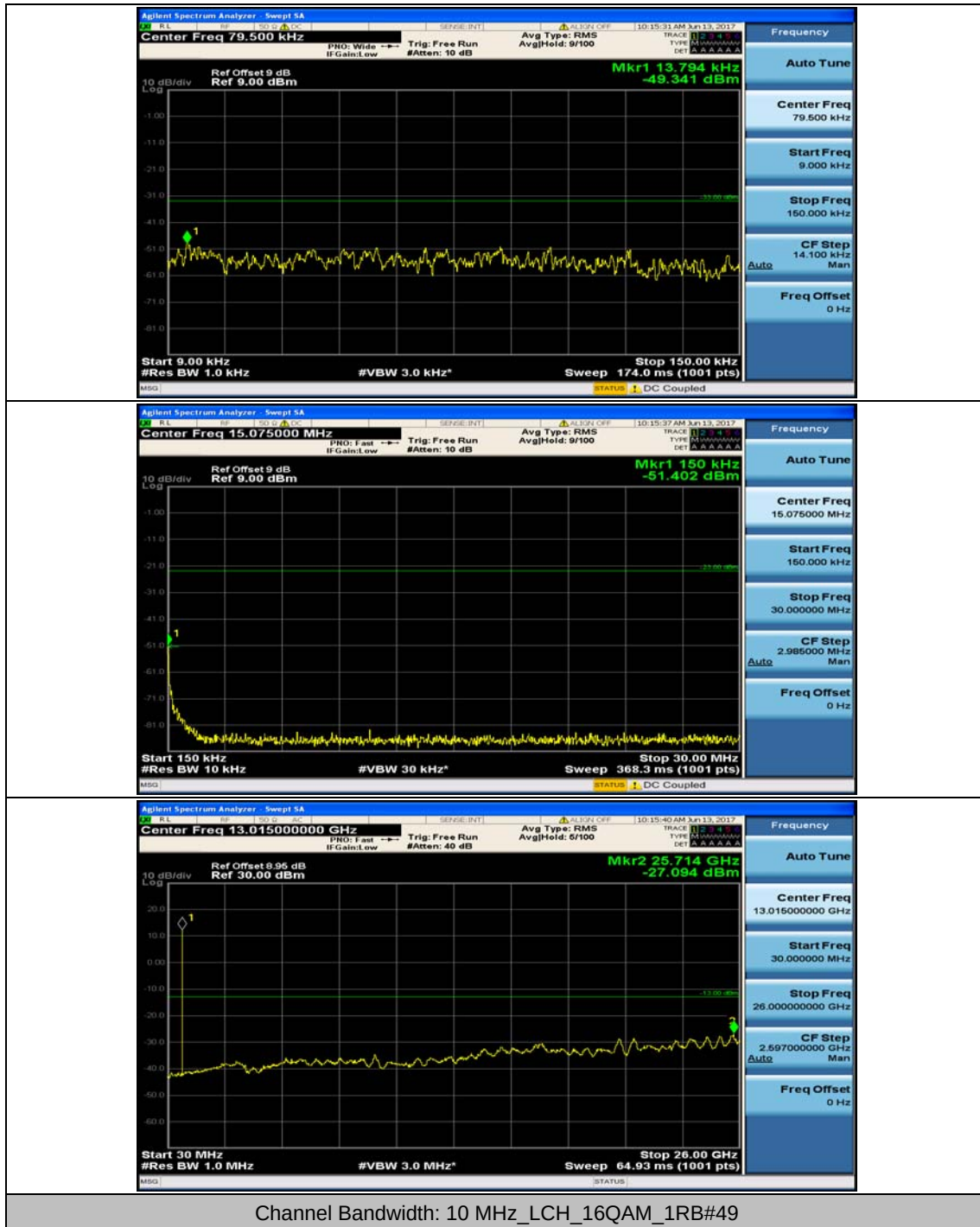


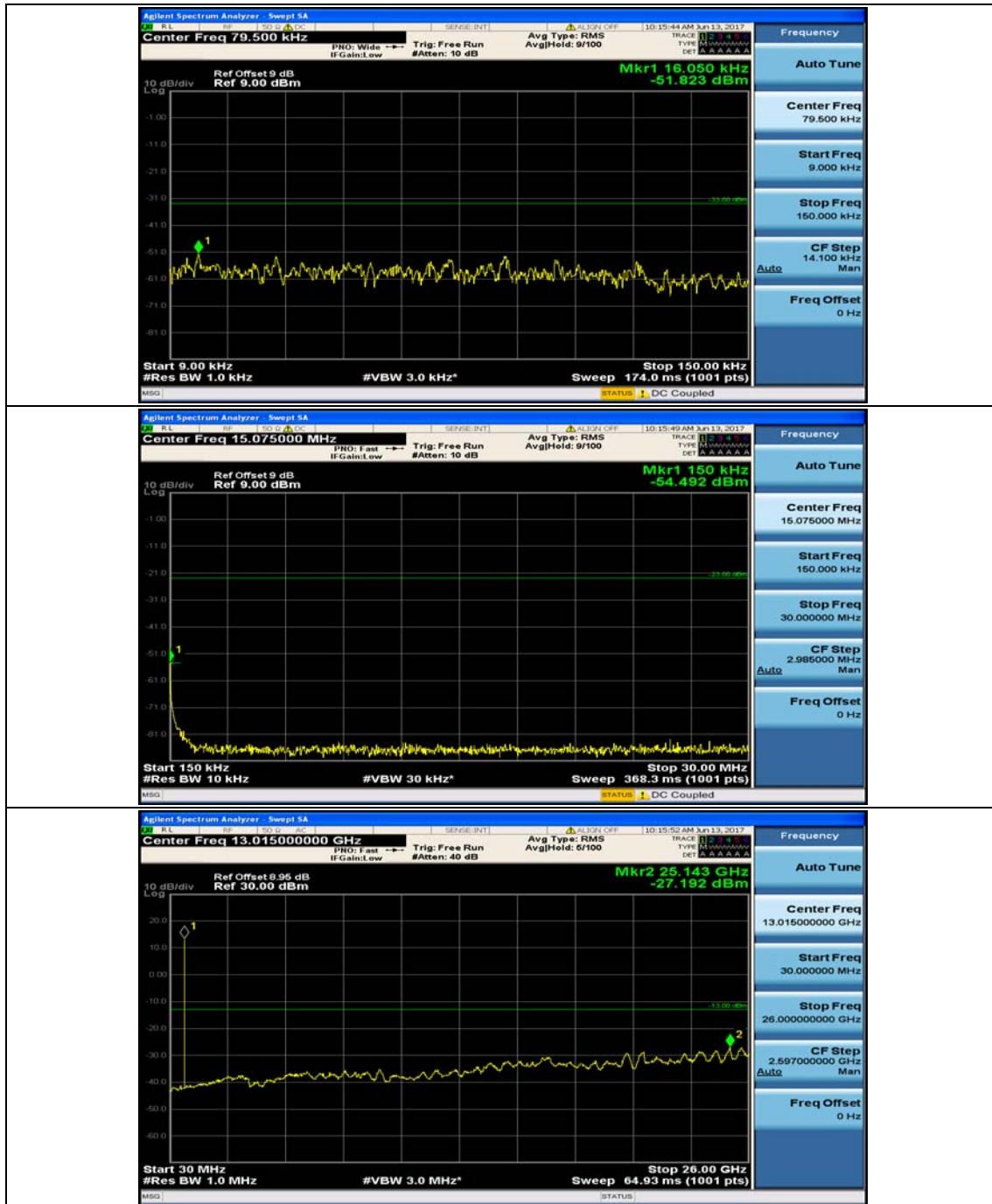




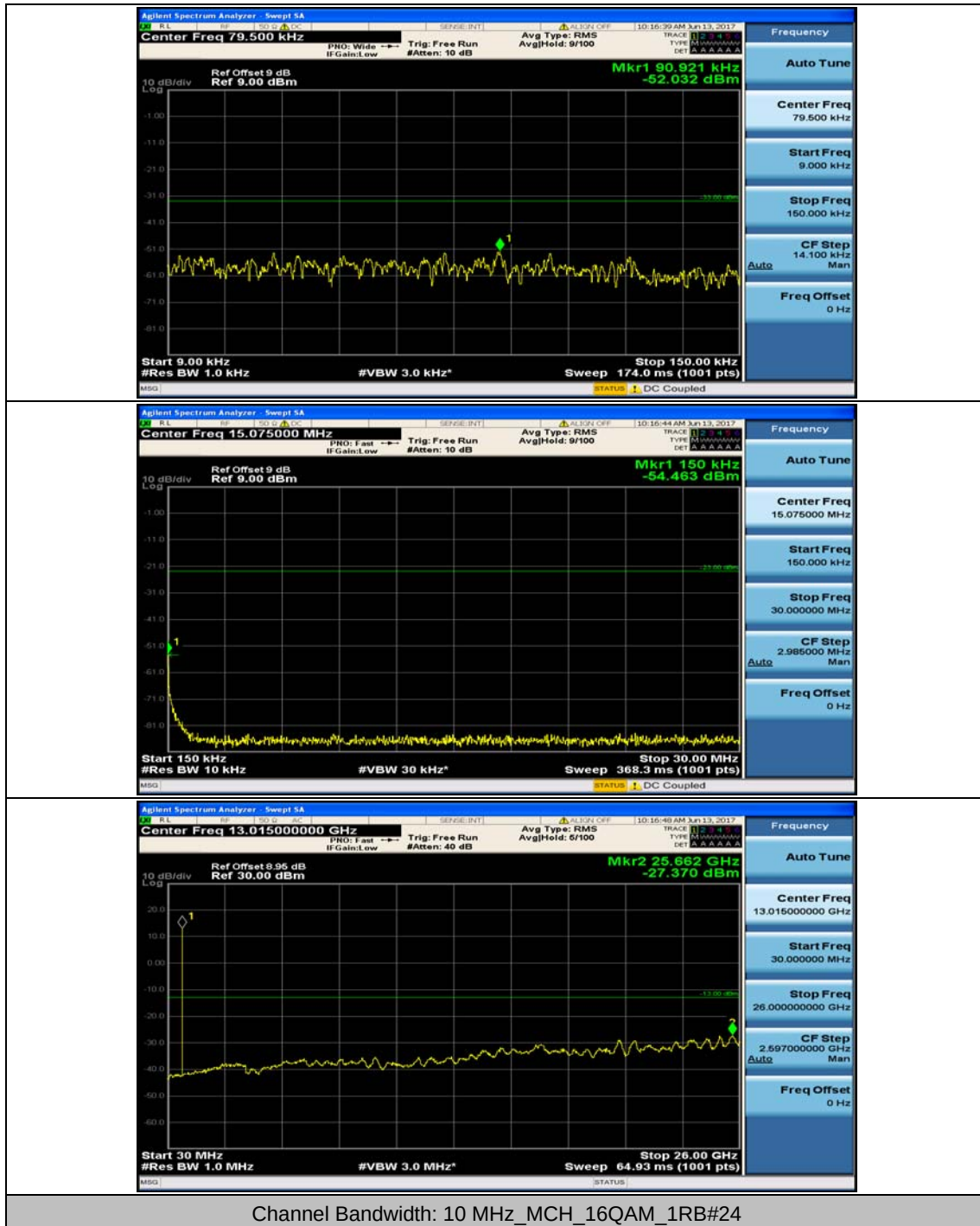
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0

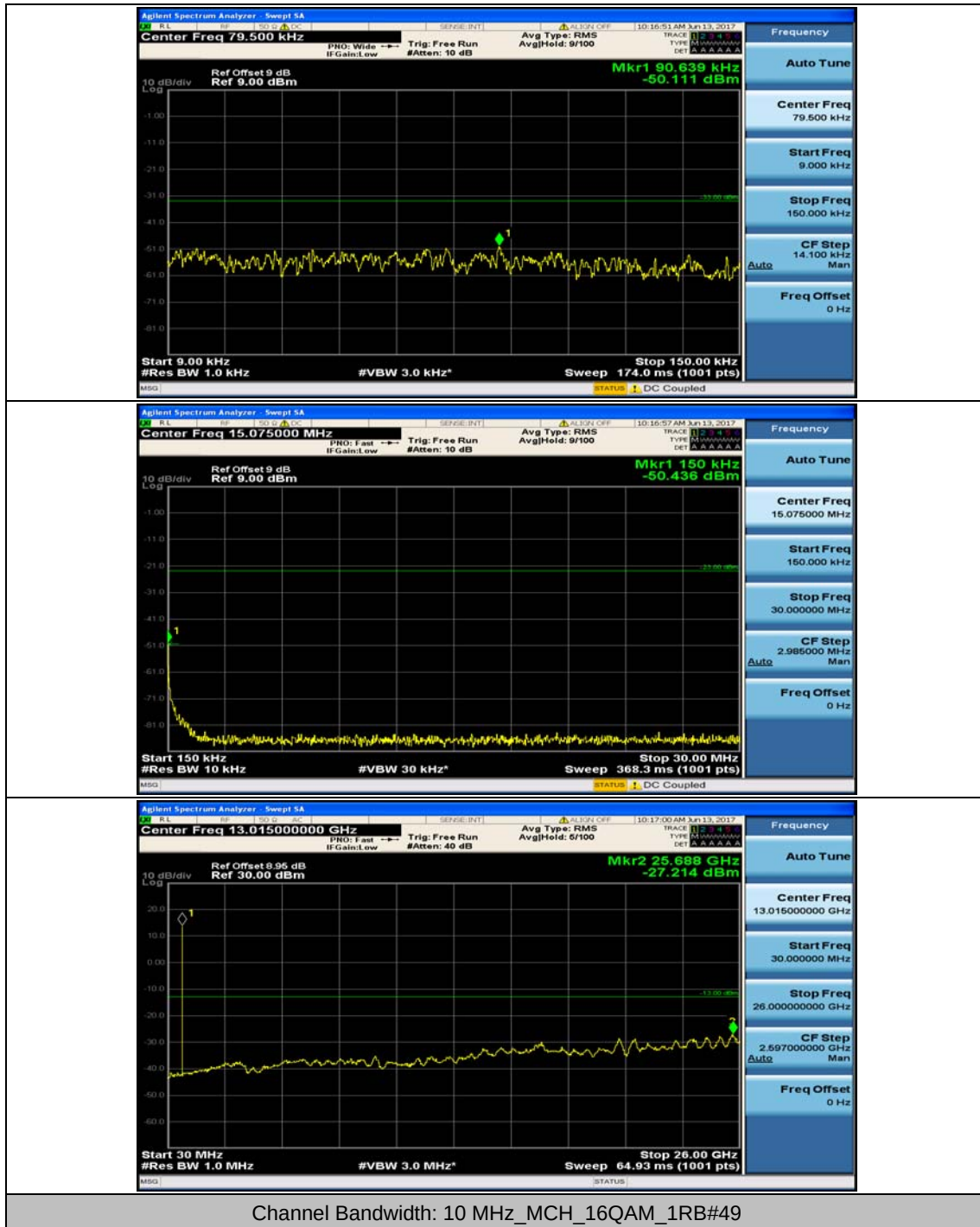


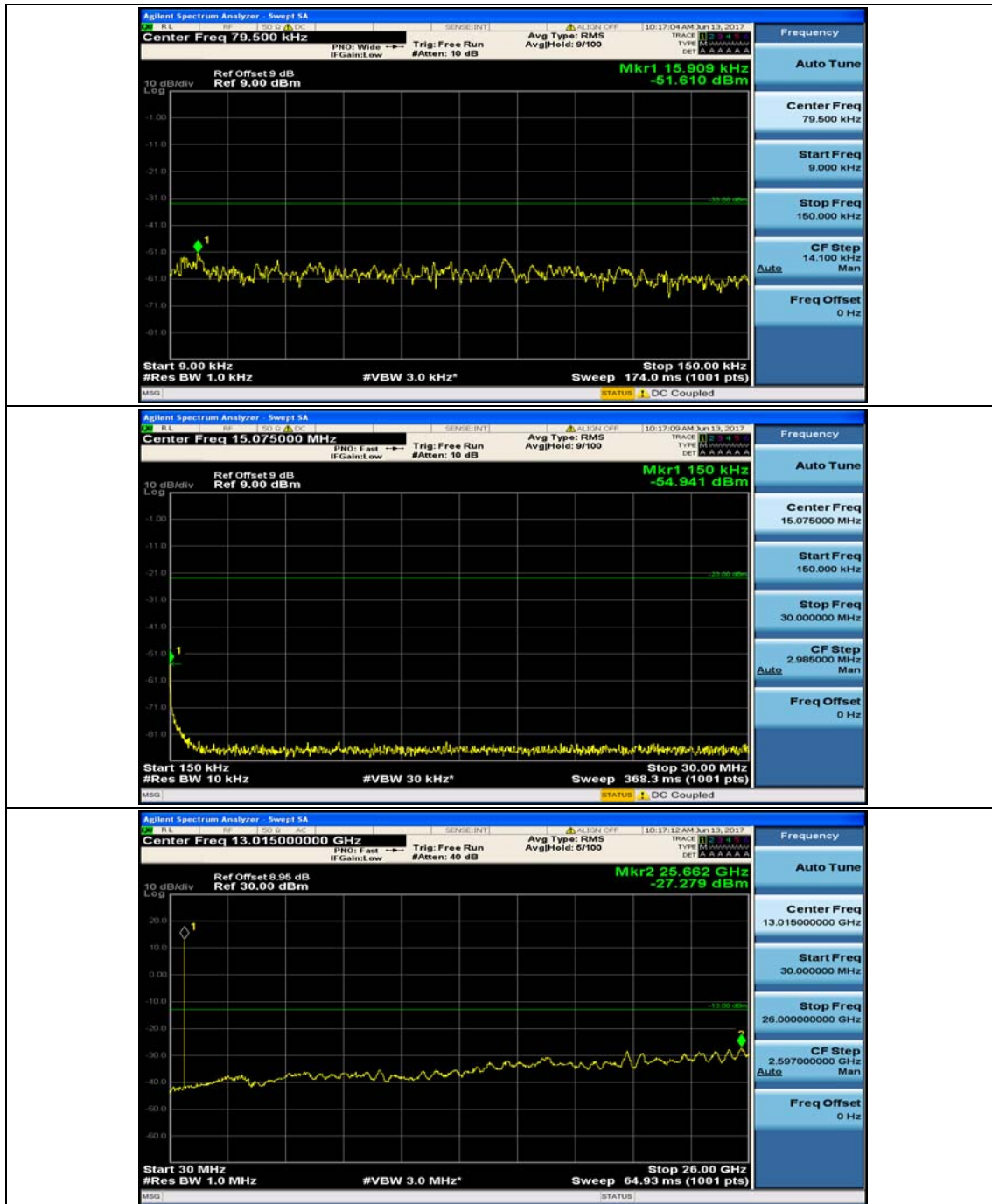




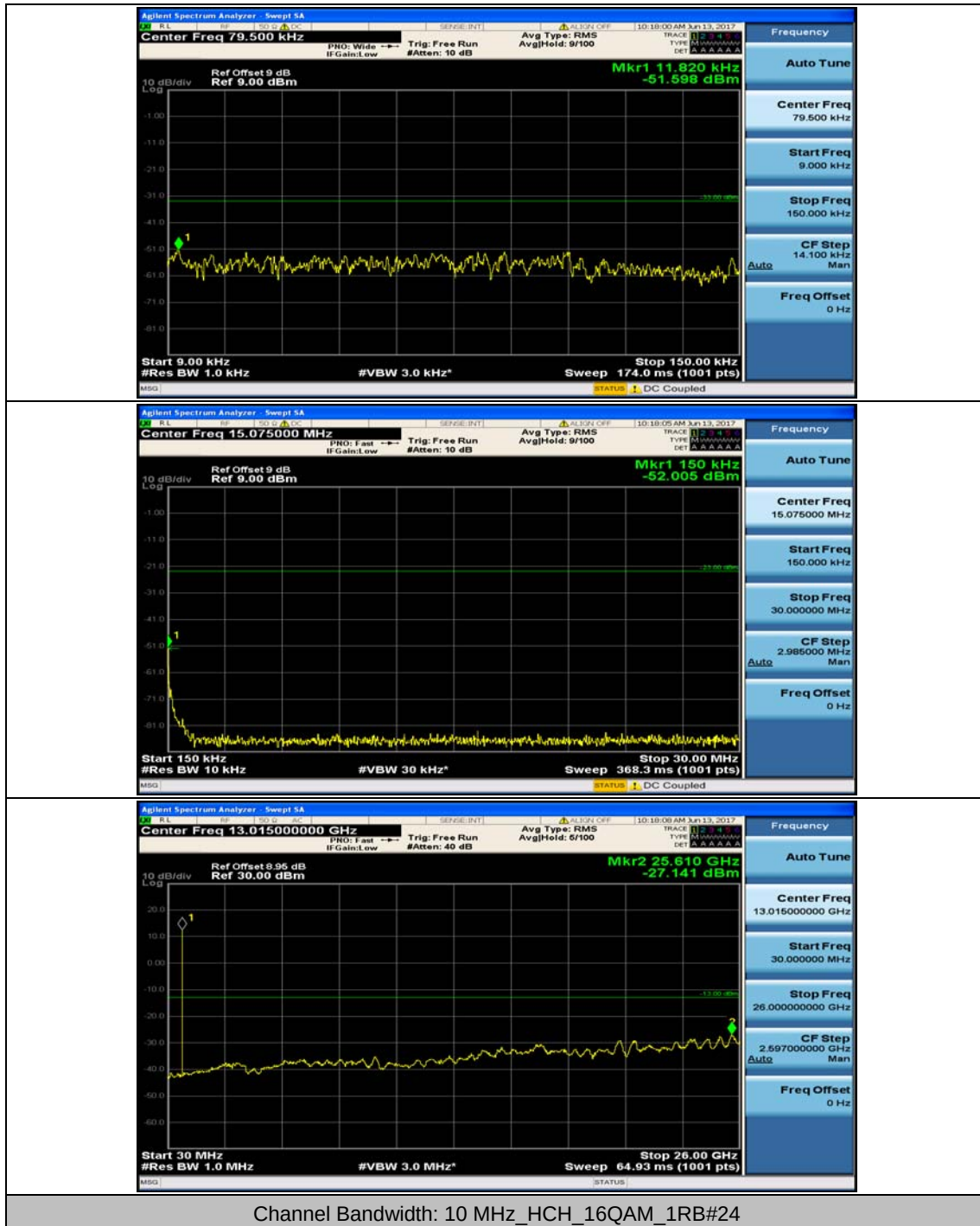
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

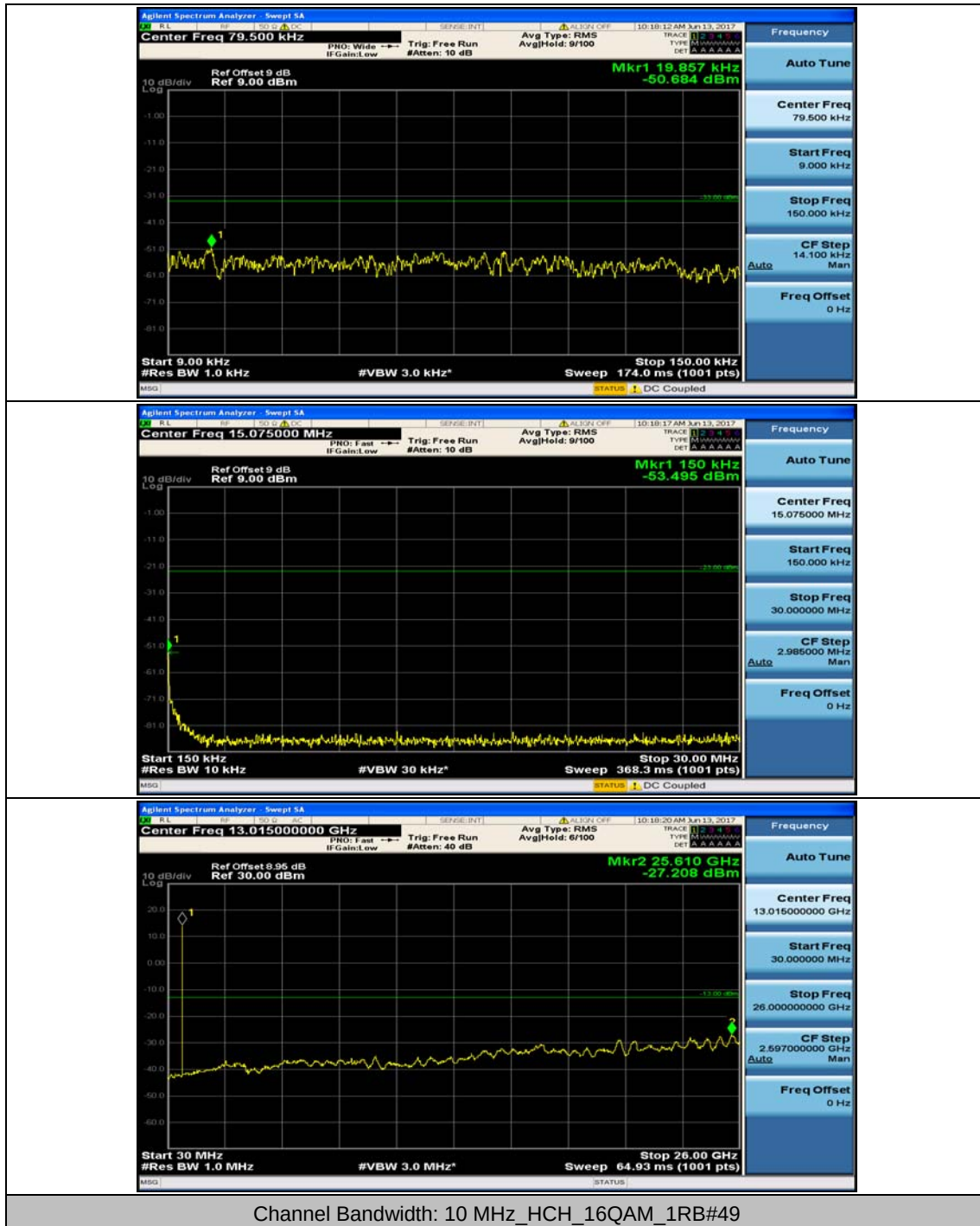


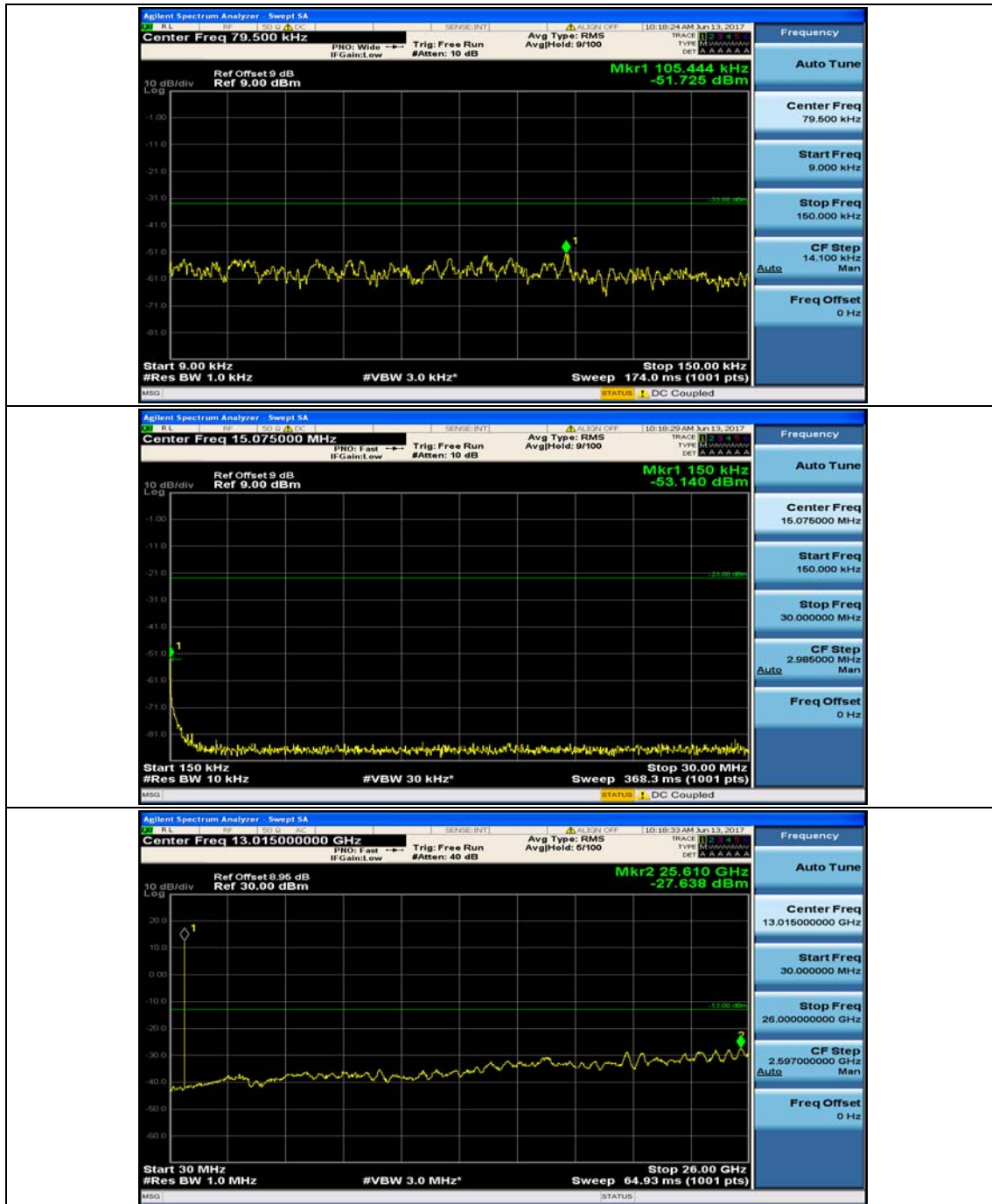




Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0







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	3.27	0.004628	± 2.5	PASS
		VN	TN	2.29	0.003241	± 2.5	PASS
		VH	TN	-0.94	-0.001331	± 2.5	PASS
	MCH	VL	TN	0.32	0.000451	± 2.5	PASS
		VN	TN	4.66	0.006563	± 2.5	PASS
		VH	TN	2.26	0.003183	± 2.5	PASS
	HCH	VL	TN	4.39	0.006153	± 2.5	PASS
		VN	TN	1.36	0.001906	± 2.5	PASS
		VH	TN	-0.34	-0.000477	± 2.5	PASS
16QAM	LCH	VL	TN	2.94	0.004161	± 2.5	PASS
		VN	TN	4.54	0.006426	± 2.5	PASS
		VH	TN	2.01	0.002845	± 2.5	PASS
	MCH	VL	TN	-0.05	-0.000070	± 2.5	PASS
		VN	TN	-0.35	-0.000493	± 2.5	PASS
		VH	TN	4.57	0.006437	± 2.5	PASS
	HCH	VL	TN	-0.19	-0.000266	± 2.5	PASS
		VN	TN	2.09	0.002929	± 2.5	PASS
		VH	TN	-0.68	-0.000953	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	0.79	0.001118	± 2.5	PASS
		VN	-20	4.93	0.006978	± 2.5	PASS
		VN	-10	1.83	0.002590	± 2.5	PASS
		VN	0	-0.2	-0.000283	± 2.5	PASS
		VN	10	-0.61	-0.000863	± 2.5	PASS
		VN	20	-1.93	-0.002732	± 2.5	PASS
		VN	30	0.88	0.001246	± 2.5	PASS
		VN	40	3.79	0.005364	± 2.5	PASS
		VN	50	4.23	0.005987	± 2.5	PASS
	MCH	VN	-30	3.26	0.004592	± 2.5	PASS
		VN	-20	-0.62	-0.000873	± 2.5	PASS
		VN	-10	4.07	0.005732	± 2.5	PASS

		VN	0	4.18	0.005887	± 2.5	PASS
		VN	10	4.81	0.006775	± 2.5	PASS
		VN	20	1.02	0.001437	± 2.5	PASS
		VN	30	0.94	0.001324	± 2.5	PASS
		VN	40	4.79	0.006746	± 2.5	PASS
		VN	50	3.86	0.005437	± 2.5	PASS
	HCH	VN	-30	-0.97	-0.001359	± 2.5	PASS
		VN	-20	-1.35	-0.001892	± 2.5	PASS
		VN	-10	0.37	0.000519	± 2.5	PASS
		VN	0	0.13	0.000182	± 2.5	PASS
		VN	10	-0.7	-0.000981	± 2.5	PASS
		VN	20	-0.05	-0.000070	± 2.5	PASS
		VN	30	4.48	0.006279	± 2.5	PASS
		VN	40	1.4	0.001962	± 2.5	PASS
		VN	50	2.51	0.003518	± 2.5	PASS
16QAM	LCH	VN	-30	3.46	0.004897	± 2.5	PASS
		VN	-20	2.04	0.002887	± 2.5	PASS
		VN	-10	-1.1	-0.001557	± 2.5	PASS
		VN	0	4.48	0.006341	± 2.5	PASS
		VN	10	-0.34	-0.000481	± 2.5	PASS
		VN	20	0.17	0.000241	± 2.5	PASS
		VN	30	-0.04	-0.000057	± 2.5	PASS
		VN	40	1.76	0.002491	± 2.5	PASS
		VN	50	2.31	0.003270	± 2.5	PASS
	MCH	VN	-30	4.95	0.006938	± 2.5	PASS
		VN	-20	4.16	0.005830	± 2.5	PASS
		VN	-10	3.1	0.004345	± 2.5	PASS
		VN	0	4.5	0.006307	± 2.5	PASS
		VN	10	3.63	0.005088	± 2.5	PASS
		VN	20	3.09	0.004331	± 2.5	PASS
		VN	30	2.21	0.003097	± 2.5	PASS
		VN	40	4.31	0.006041	± 2.5	PASS
		VN	50	4.37	0.006125	± 2.5	PASS
	HCH	VN	-30	-0.82	-0.001149	± 2.5	PASS
		VN	-20	-1.29	-0.001808	± 2.5	PASS
		VN	-10	-1.4	-0.001962	± 2.5	PASS
		VN	0	2.46	0.003448	± 2.5	PASS
		VN	10	4.48	0.006279	± 2.5	PASS
		VN	20	-0.12	-0.000168	± 2.5	PASS
		VN	30	-1.1	-0.001542	± 2.5	PASS
		VN	40	0.02	0.000028	± 2.5	PASS

		VN	50	2.05	0.002873	± 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	1.84	0.002595	± 2.5	PASS
		VN	TN	0.43	0.000606	± 2.5	PASS
		VH	TN	4.31	0.006079	± 2.5	PASS
	MCH	VL	TN	3.1	0.004366	± 2.5	PASS
		VN	TN	4.91	0.006915	± 2.5	PASS
		VH	TN	1.47	0.002070	± 2.5	PASS
	HCH	VL	TN	3.58	0.005035	± 2.5	PASS
		VN	TN	3.18	0.004473	± 2.5	PASS
		VH	TN	4.03	0.005668	± 2.5	PASS
16QAM	LCH	VL	TN	2.65	0.003738	± 2.5	PASS
		VN	TN	2.07	0.002920	± 2.5	PASS
		VH	TN	0.03	0.000042	± 2.5	PASS
	MCH	VL	TN	4.95	0.006972	± 2.5	PASS
		VN	TN	4.82	0.006789	± 2.5	PASS
		VH	TN	-0.83	-0.001169	± 2.5	PASS
	HCH	VL	TN	-0.6	-0.000844	± 2.5	PASS
		VN	TN	-0.5	-0.000703	± 2.5	PASS
		VH	TN	-0.52	-0.000731	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
16QAM	LCH	VN	-30	2.41	0.003399	± 2.5	PASS
		VN	-20	-1.23	-0.001735	± 2.5	PASS
		VN	-10	4.93	0.006953	± 2.5	PASS
		VN	0	2.8	0.003949	± 2.5	PASS
		VN	10	4.62	0.006516	± 2.5	PASS
		VN	20	3.36	0.004739	± 2.5	PASS
		VN	30	1.1	0.001551	± 2.5	PASS
		VN	40	0.55	0.000776	± 2.5	PASS
		VN	50	0.53	0.000748	± 2.5	PASS
	MCH	VN	-30	4.53	0.006380	± 2.5	PASS
		VN	-20	-1.59	-0.002239	± 2.5	PASS
		VN	-10	4.65	0.006549	± 2.5	PASS
		VN	0	0.48	0.000676	± 2.5	PASS
		VN	10	4.45	0.006268	± 2.5	PASS
		VN	20	1.5	0.002113	± 2.5	PASS

		VN	30	-0.37	-0.000521	± 2.5	PASS
		VN	40	-0.93	-0.001310	± 2.5	PASS
		VN	50	2.97	0.004183	± 2.5	PASS
	HCH	VN	-30	-1.72	-0.002419	± 2.5	PASS
		VN	-20	-0.54	-0.000759	± 2.5	PASS
		VN	-10	0.64	0.000900	± 2.5	PASS
		VN	0	3.33	0.004684	± 2.5	PASS
		VN	10	2.76	0.003882	± 2.5	PASS
		VN	20	-0.17	-0.000239	± 2.5	PASS
		VN	30	4.99	0.007018	± 2.5	PASS
		VN	40	4.45	0.006259	± 2.5	PASS
		VN	50	4.71	0.006624	± 2.5	PASS
QPSK	LCH	VN	-30	-1.56	-0.002197	± 2.5	PASS
		VN	-20	-0.43	-0.000606	± 2.5	PASS
		VN	-10	4.8	0.006761	± 2.5	PASS
		VN	0	1.81	0.002549	± 2.5	PASS
		VN	10	-1.19	-0.001676	± 2.5	PASS
		VN	20	-0.78	-0.001099	± 2.5	PASS
		VN	30	2.95	0.004155	± 2.5	PASS
		VN	40	1.49	0.002099	± 2.5	PASS
		VN	50	-0.22	-0.000310	± 2.5	PASS
	MCH	VN	-30	-1.51	-0.002124	± 2.5	PASS
		VN	-20	2.8	0.003938	± 2.5	PASS
		VN	-10	4.49	0.006315	± 2.5	PASS
		VN	0	1.55	0.002180	± 2.5	PASS
		VN	10	3.84	0.005401	± 2.5	PASS
		VN	20	0.88	0.001238	± 2.5	PASS
		VN	30	4.72	0.006639	± 2.5	PASS
		VN	40	0.71	0.000999	± 2.5	PASS
		VN	50	1.69	0.002377	± 2.5	PASS
	HCH	VN	-30	-2	-0.002813	± 2.5	PASS
		VN	-20	2.39	0.003361	± 2.5	PASS
		VN	-10	1.2	0.001688	± 2.5	PASS
		VN	0	0.29	0.000408	± 2.5	PASS
		VN	10	4.58	0.006442	± 2.5	PASS
		VN	20	1.89	0.002658	± 2.5	PASS
		VN	30	1.44	0.002025	± 2.5	PASS
		VN	40	3.38	0.004754	± 2.5	PASS
		VN	50	4.64	0.006526	± 2.5	PASS