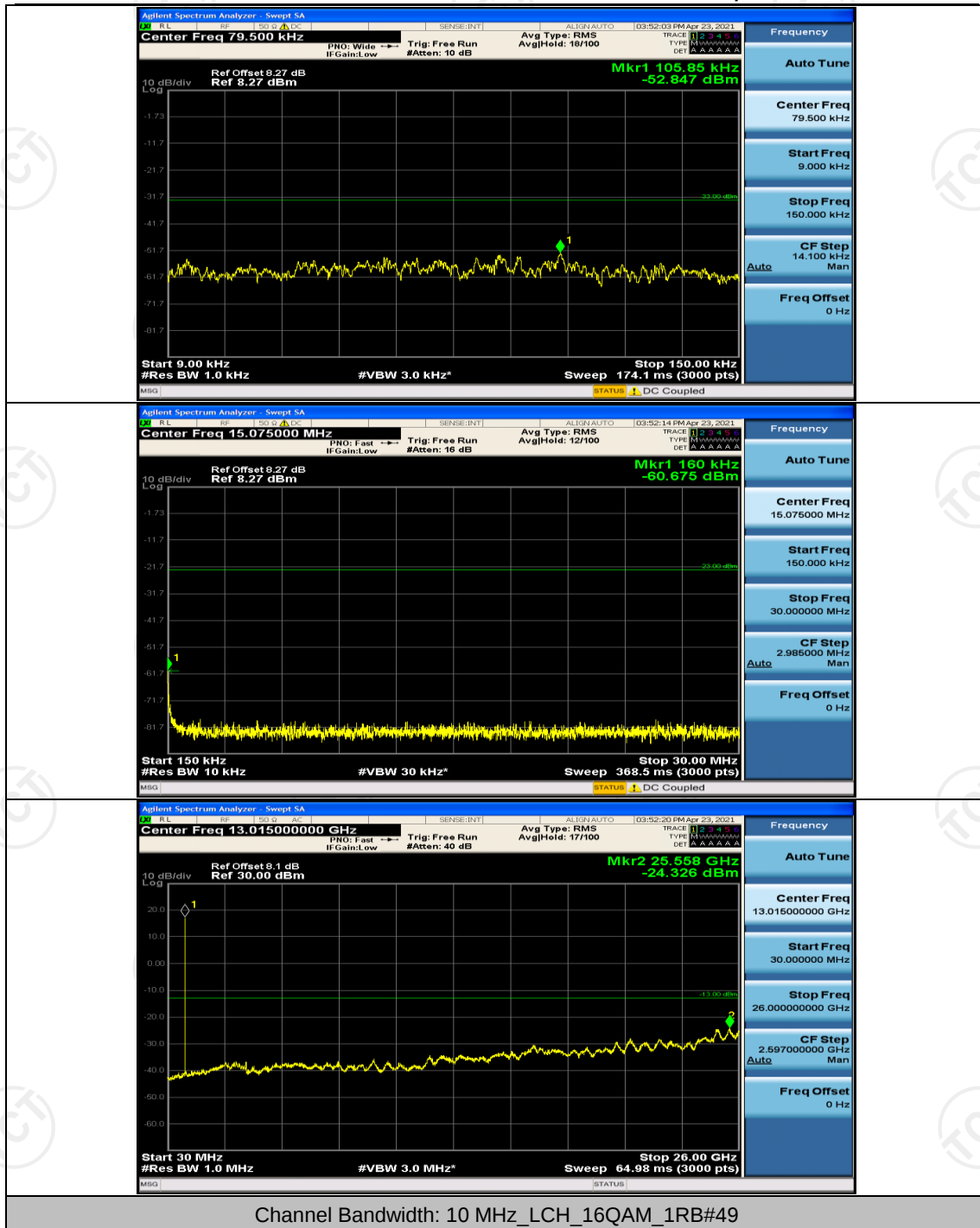
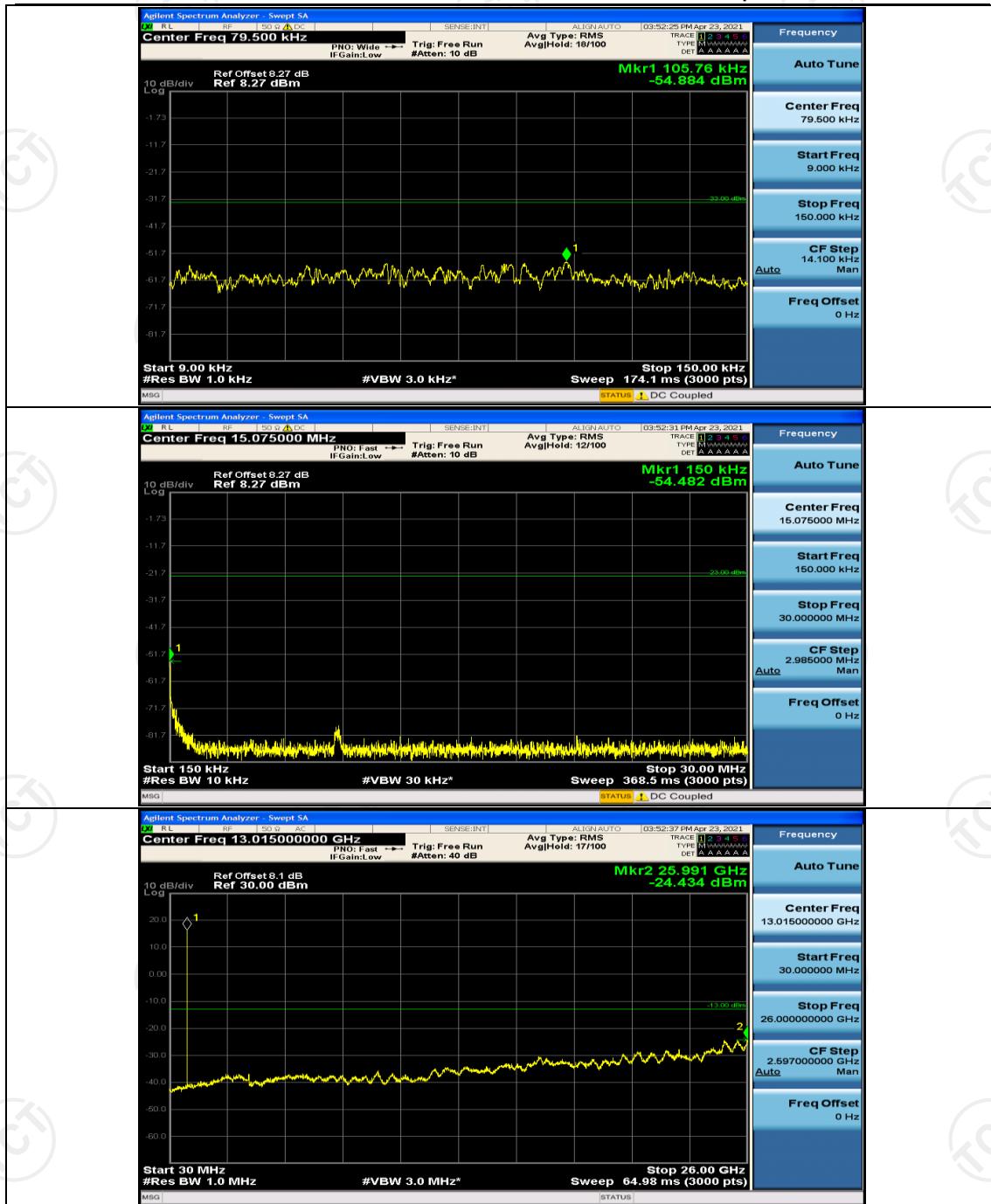
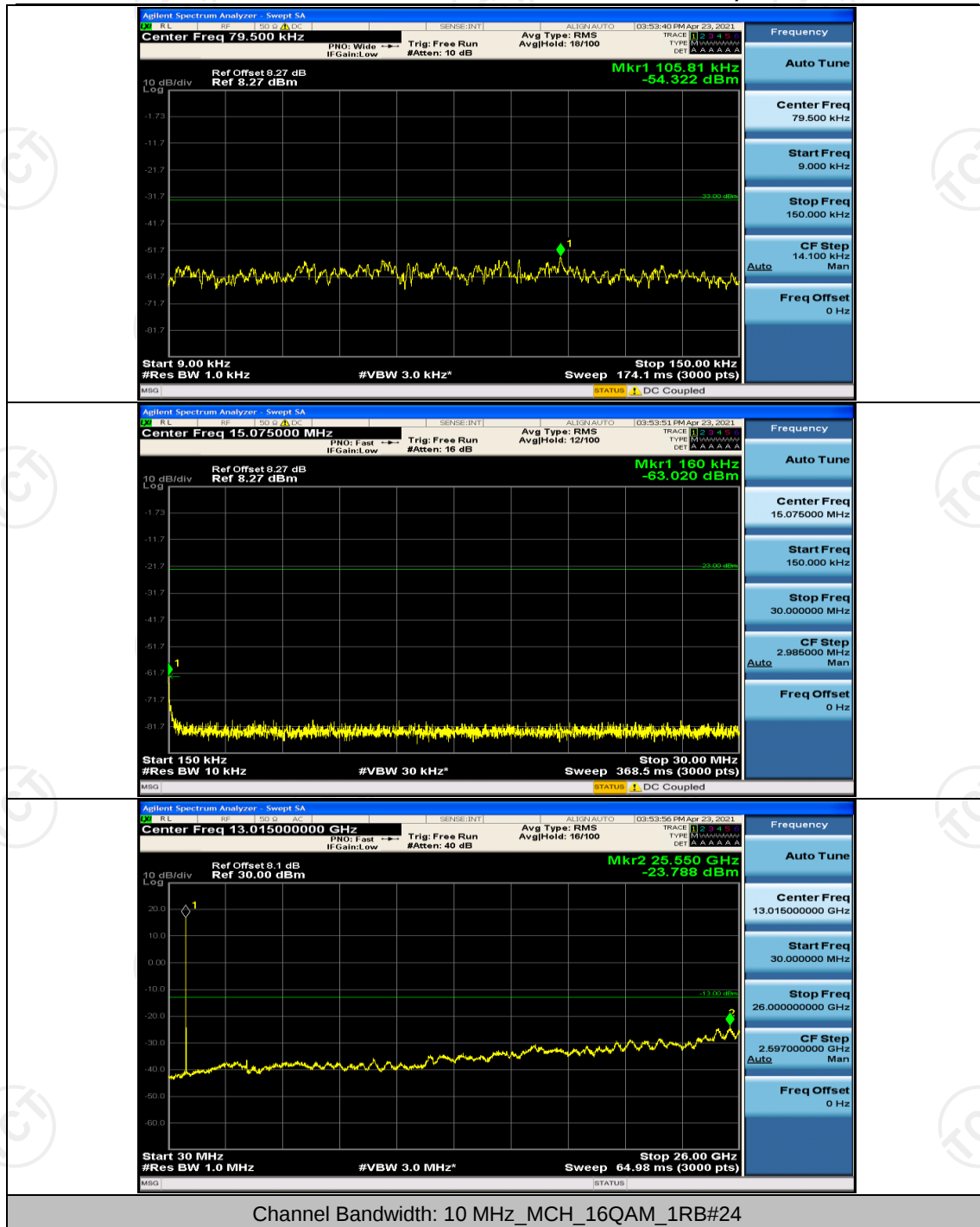
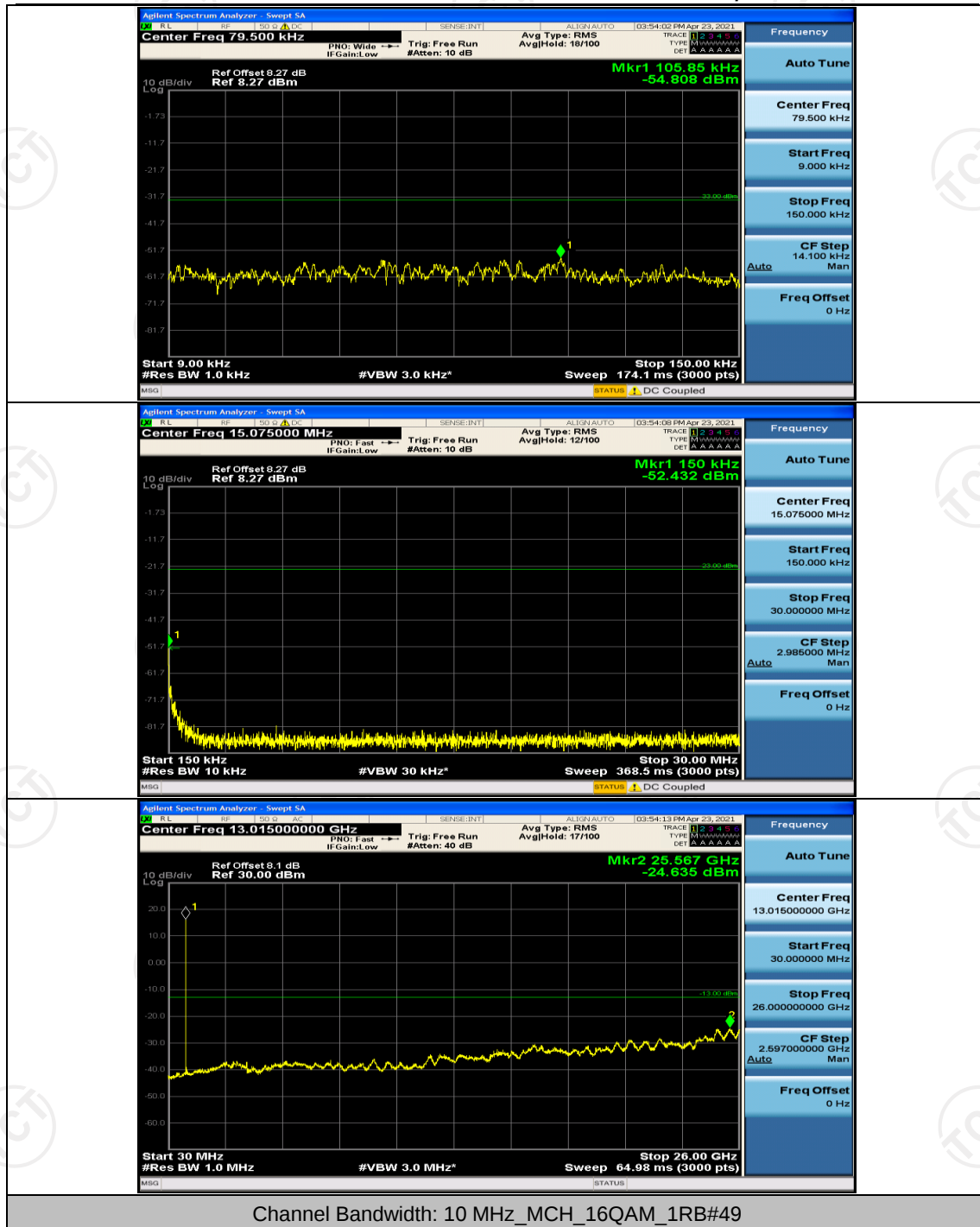


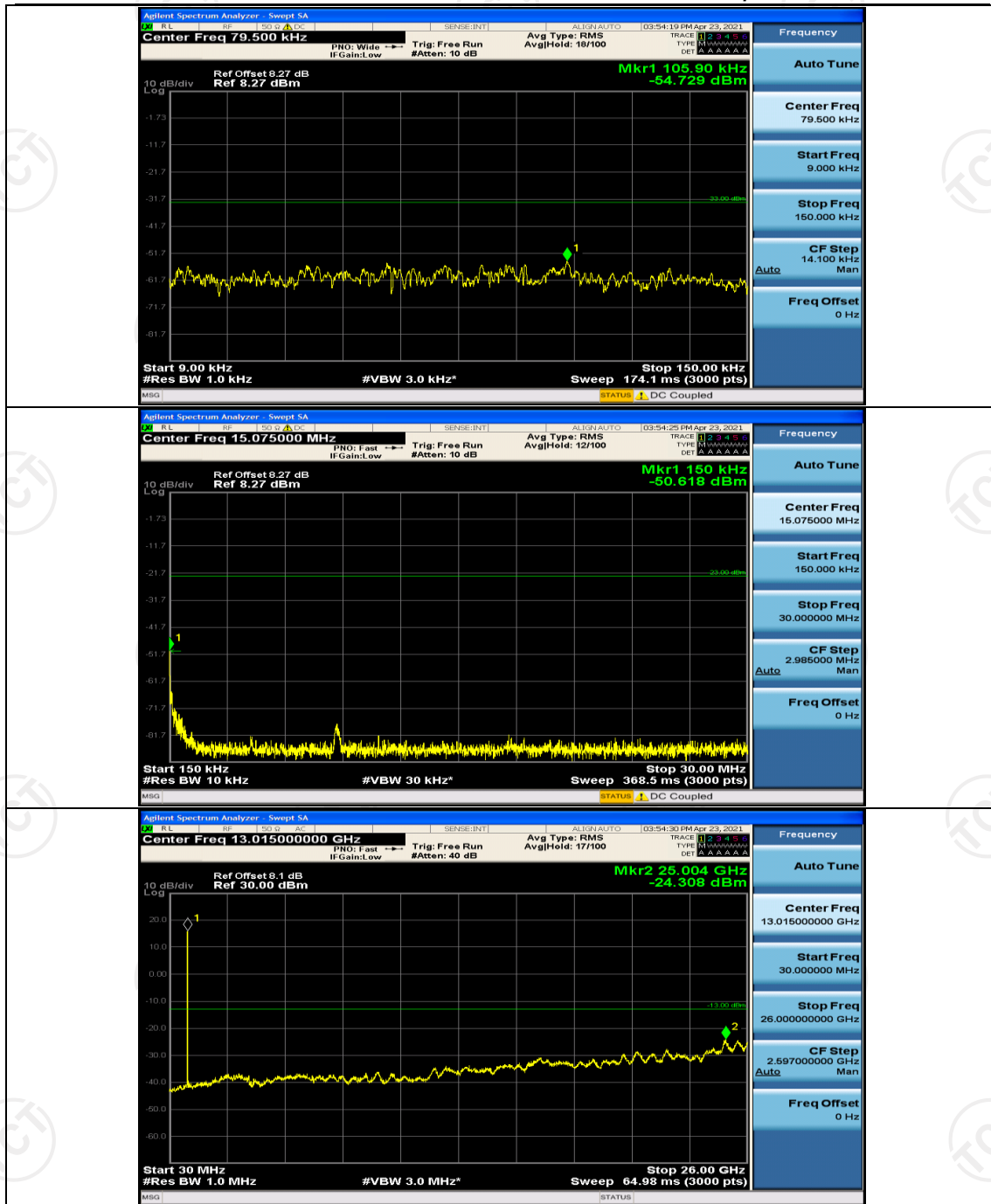




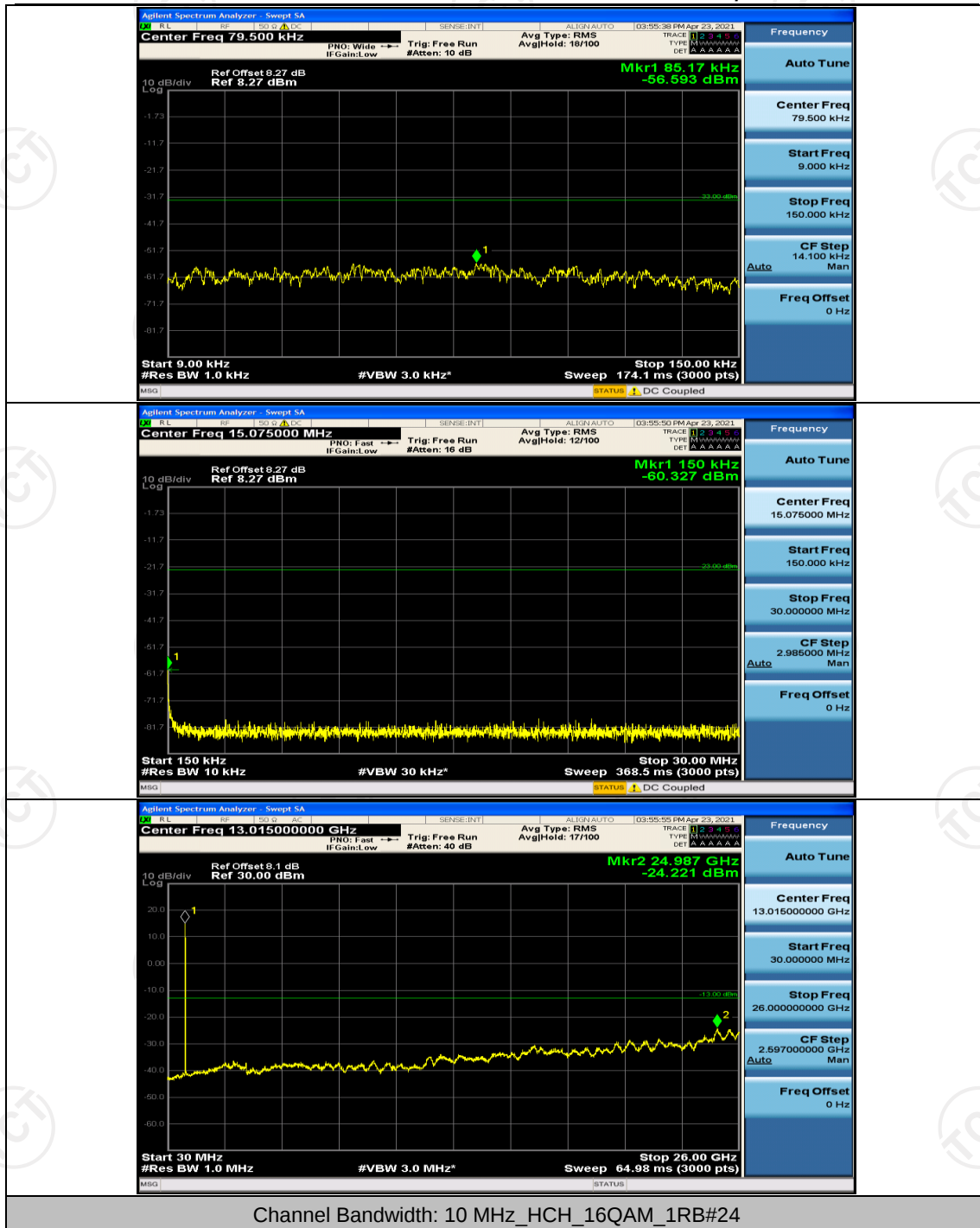
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

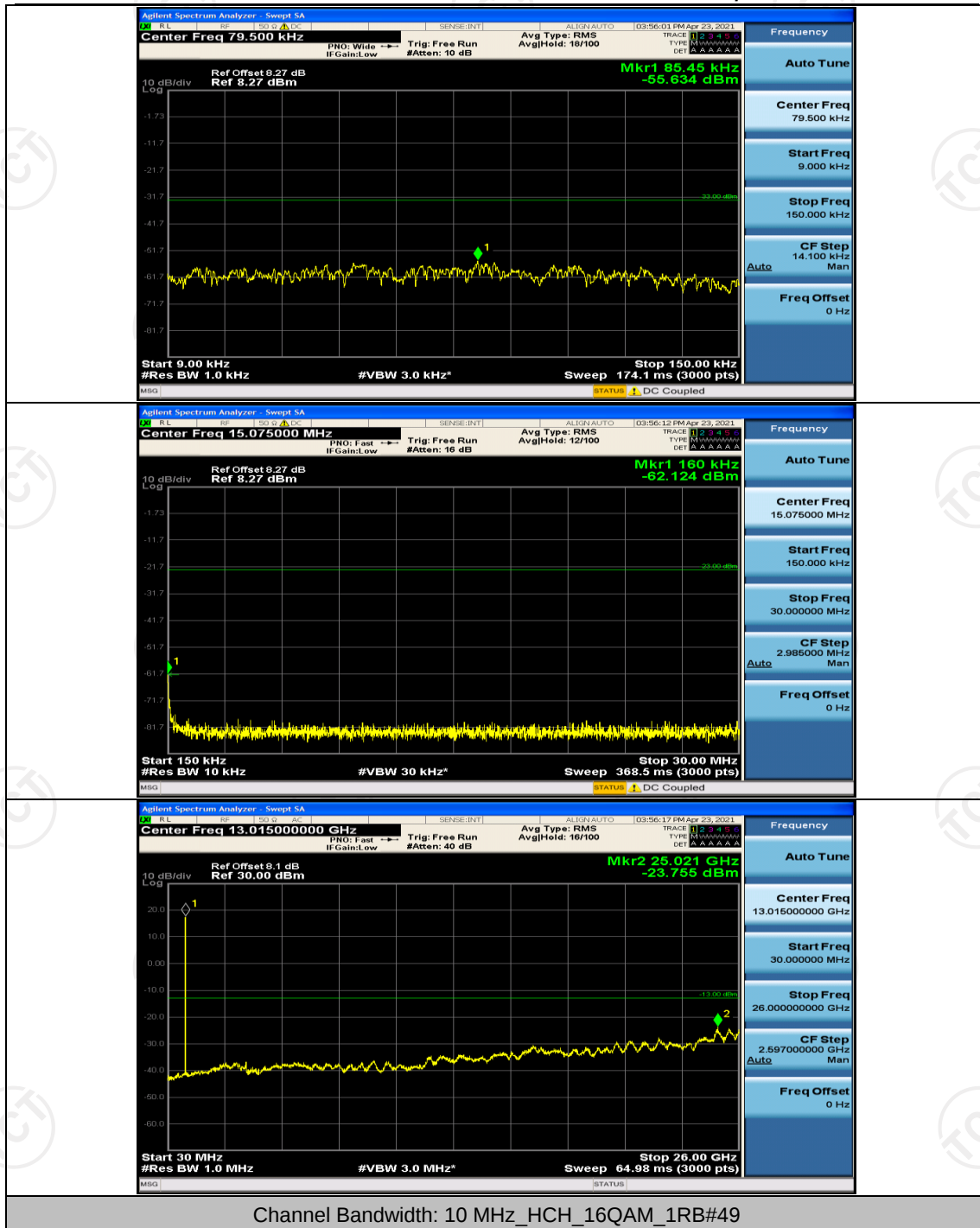


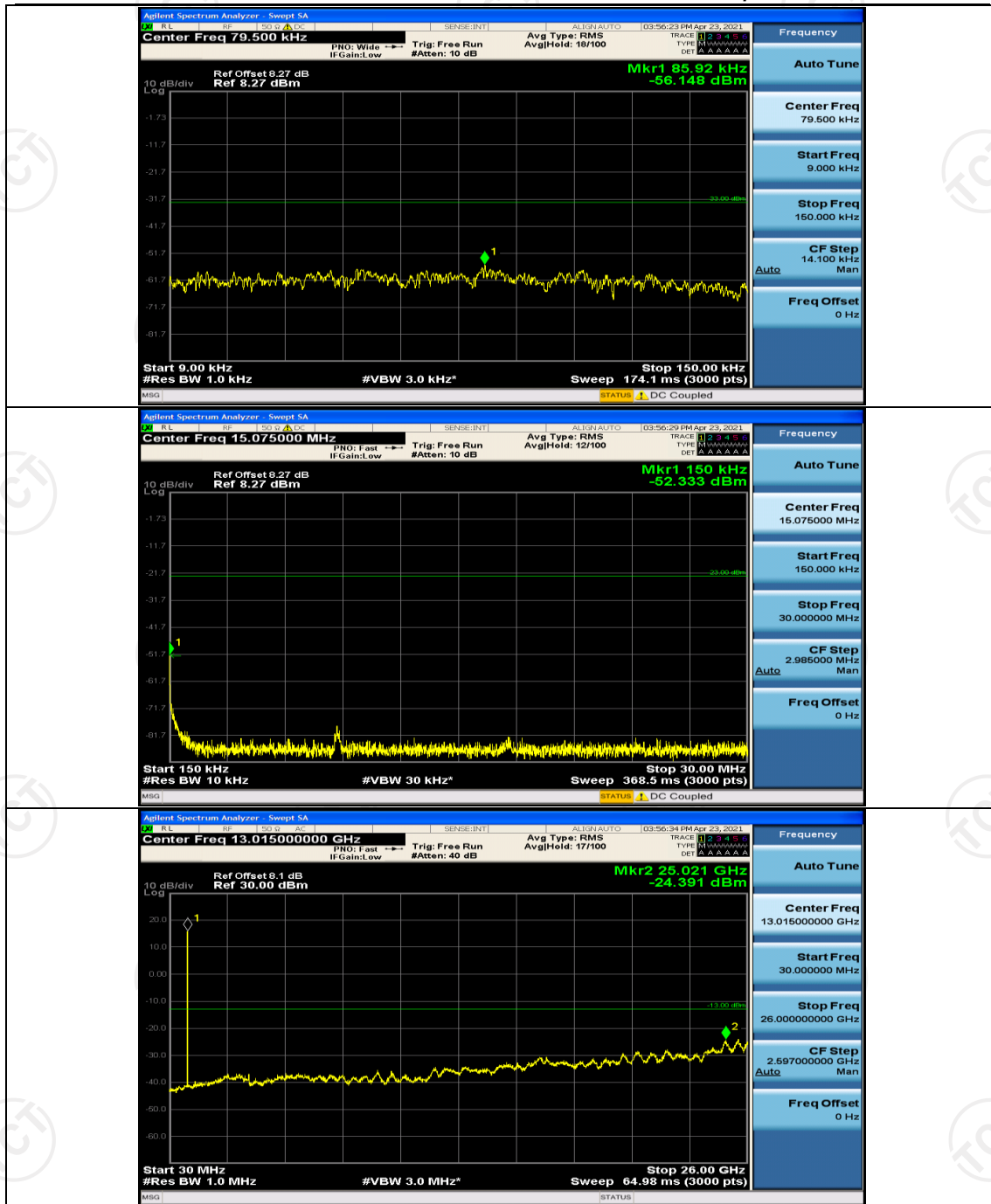




Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0







Appendix F: Frequency Stability

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	-4.72	-0.006640	± 2.5	PASS
		VN	TN	-4.91	-0.005950	± 2.5	PASS
		VH	TN	-7.07	-0.009939	± 2.5	PASS
	MCH	VL	TN	-4.61	-0.006479	± 2.5	PASS
		VN	TN	-8.43	-0.010073	± 2.5	PASS
		VH	TN	-7.65	-0.010764	± 2.5	PASS
	HCH	VL	TN	-5.18	-0.007319	± 2.5	PASS
		VN	TN	-5.14	-0.006054	± 2.5	PASS
		VH	TN	-7.90	-0.011161	± 2.5	PASS
16QAM	LCH	VL	TN	-7.27	-0.010271	± 2.5	PASS
		VN	TN	-4.51	-0.005464	± 2.5	PASS
		VH	TN	-3.50	-0.004954	± 2.5	PASS
	MCH	VL	TN	-2.85	-0.004044	± 2.5	PASS
		VN	TN	-6.39	-0.007644	± 2.5	PASS
		VH	TN	-3.65	-0.005182	± 2.5	PASS
	HCH	VL	TN	-2.80	-0.003983	± 2.5	PASS
		VN	TN	-7.05	-0.008314	± 2.5	PASS
		VH	TN	-4.98	-0.007071	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-8.31	-0.011690	± 2.5	PASS
		VN	-20	-5.28	-0.007424	± 2.5	PASS
		VN	-10	-5.26	-0.007404	± 2.5	PASS
		VN	0	-4.85	-0.006821	± 2.5	PASS
		VN	10	-4.36	-0.006167	± 2.5	PASS
		VN	20	-5.41	-0.006557	± 2.5	PASS
		VN	30	-2.72	-0.003296	± 2.5	PASS
		VN	40	-4.96	-0.006019	± 2.5	PASS
		VN	50	-6.28	-0.007615	± 2.5	PASS
	MCH	VN	-30	-7.38	-0.010433	± 2.5	PASS
		VN	-20	-5.48	-0.007744	± 2.5	PASS
		VN	-10	-5.16	-0.007299	± 2.5	PASS
		VN	0	-10.23	-0.014529	± 2.5	PASS
		VN	10	-2.89	-0.004105	± 2.5	PASS
		VN	20	-6.95	-0.008311	± 2.5	PASS

		VN	30	-6.24	-0.007456	± 2.5	PASS
		VN	40	-8.07	-0.009645	± 2.5	PASS
		VN	50	-2.95	-0.003523	± 2.5	PASS
	HCH	VN	-30	-6.25	-0.008880	± 2.5	PASS
		VN	-20	-9.00	-0.012781	± 2.5	PASS
		VN	-10	-8.50	-0.011951	± 2.5	PASS
		VN	0	-3.05	-0.004307	± 2.5	PASS
		VN	10	-6.69	-0.009416	± 2.5	PASS
		VN	20	-4.53	-0.005346	± 2.5	PASS
		VN	30	-5.46	-0.006442	± 2.5	PASS
		VN	40	-6.71	-0.007909	± 2.5	PASS
		VN	50	-5.74	-0.006762	± 2.5	PASS
		VN	-30	-6.79	-0.009604	± 2.5	PASS
16QAM	LCH	VN	-20	-7.07	-0.009904	± 2.5	PASS
		VN	-10	-9.90	-0.013874	± 2.5	PASS
		VN	0	-6.47	-0.009062	± 2.5	PASS
		VN	10	-6.72	-0.009423	± 2.5	PASS
		VN	20	-0.79	-0.000954	± 2.5	PASS
		VN	30	-1.99	-0.002411	± 2.5	PASS
		VN	40	-1.19	-0.001440	± 2.5	PASS
		VN	50	-0.96	-0.001162	± 2.5	PASS
	MCH	VN	-30	-7.07	-0.009904	± 2.5	PASS
		VN	-20	-9.90	-0.013874	± 2.5	PASS
		VN	-10	-6.47	-0.009062	± 2.5	PASS
		VN	0	-6.72	-0.009423	± 2.5	PASS
		VN	10	-7.48	-0.010665	± 2.5	PASS
		VN	20	-7.47	-0.008927	± 2.5	PASS
		VN	30	-6.81	-0.008140	± 2.5	PASS
		VN	40	-0.69	-0.000821	± 2.5	PASS
		VN	50	-4.55	-0.005438	± 2.5	PASS
	HCH	VN	-30	-8.45	-0.012052	± 2.5	PASS
		VN	-20	-11.29	-0.016089	± 2.5	PASS
		VN	-10	-9.36	-0.013336	± 2.5	PASS
		VN	0	-9.27	-0.012992	± 2.5	PASS
		VN	10	-9.44	-0.013232	± 2.5	PASS
		VN	20	-5.71	-0.006728	± 2.5	PASS
		VN	30	-2.49	-0.002934	± 2.5	PASS
		VN	40	-4.86	-0.005734	± 2.5	PASS
		VN	50	-8.83	-0.010405	± 2.5	PASS