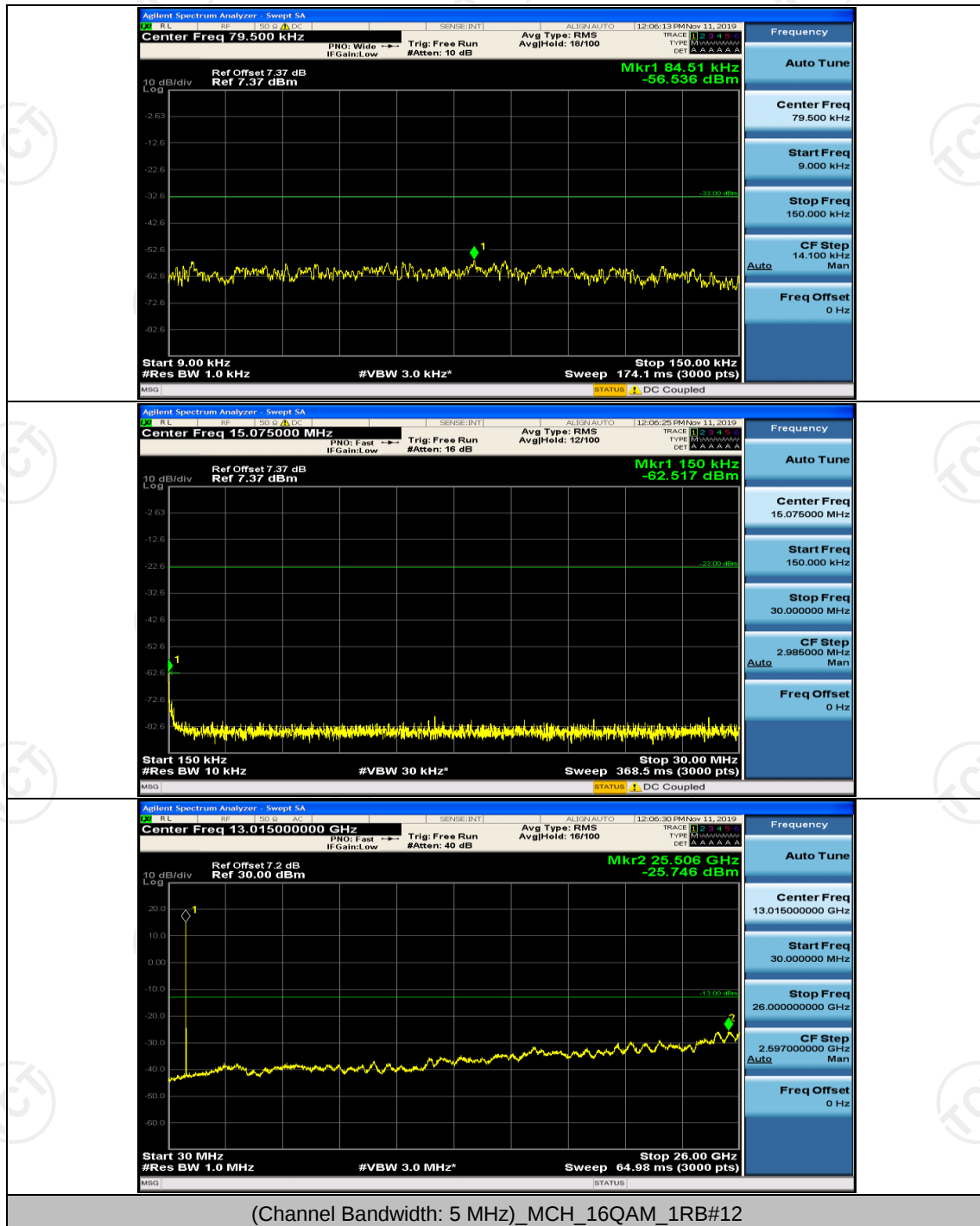
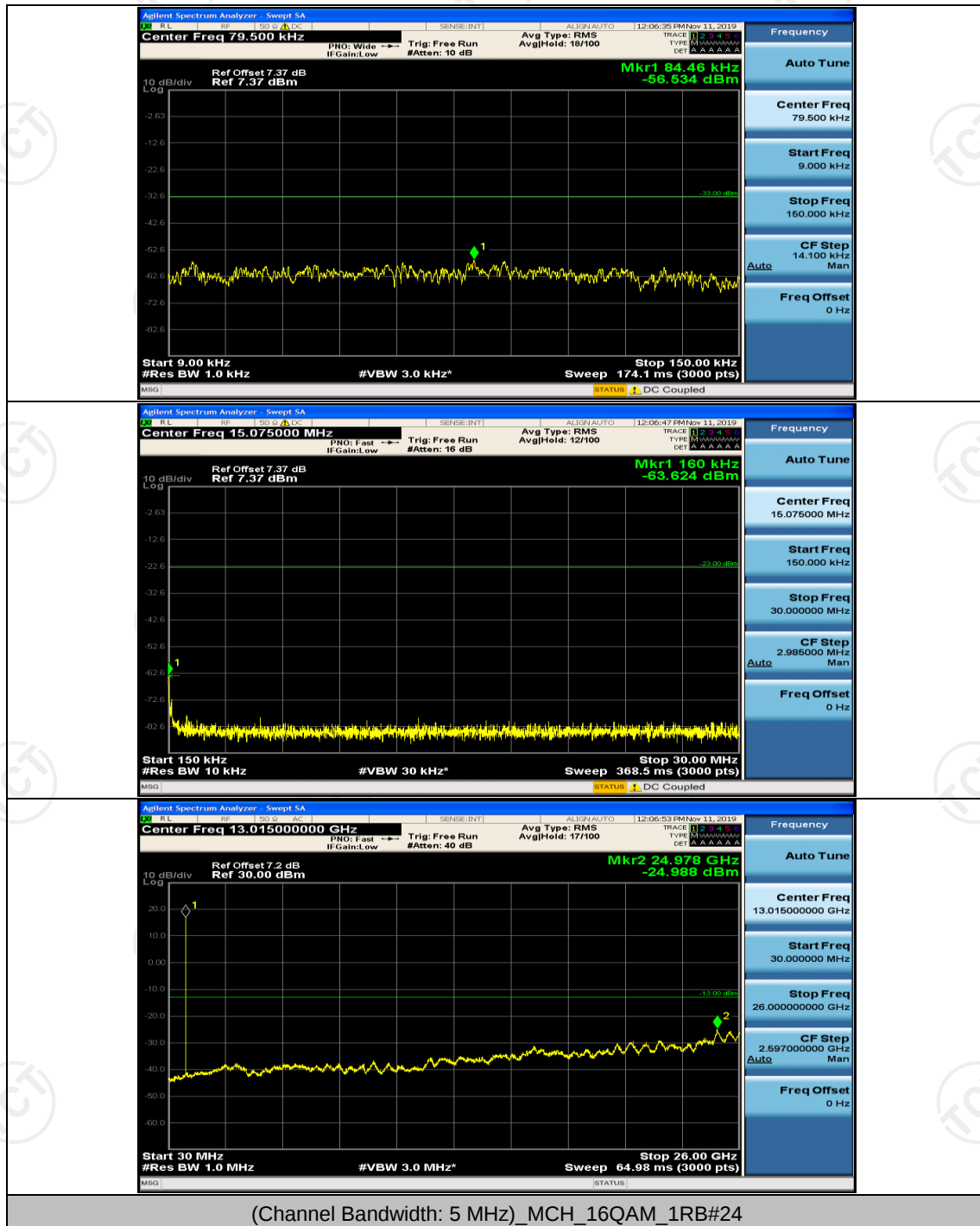
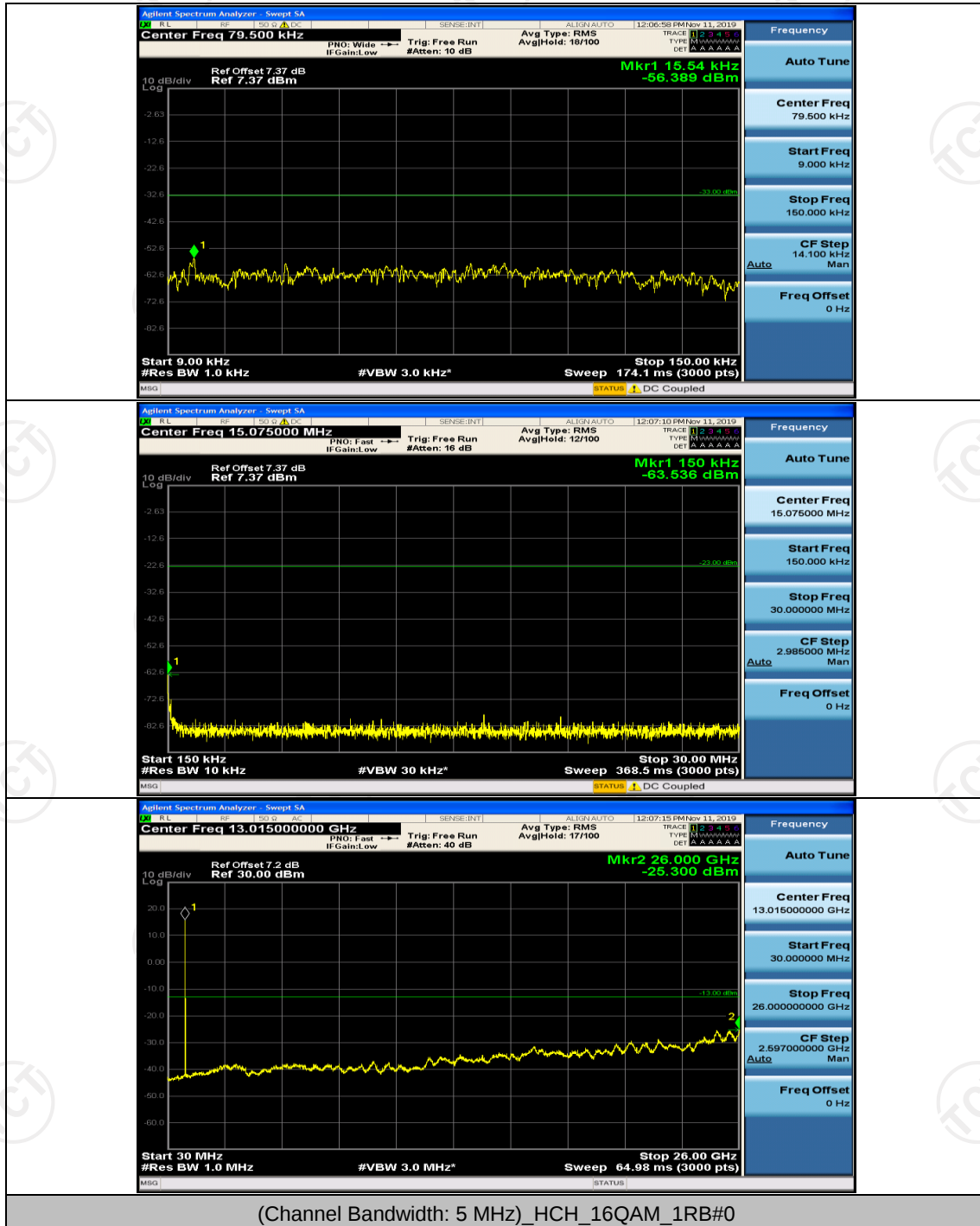
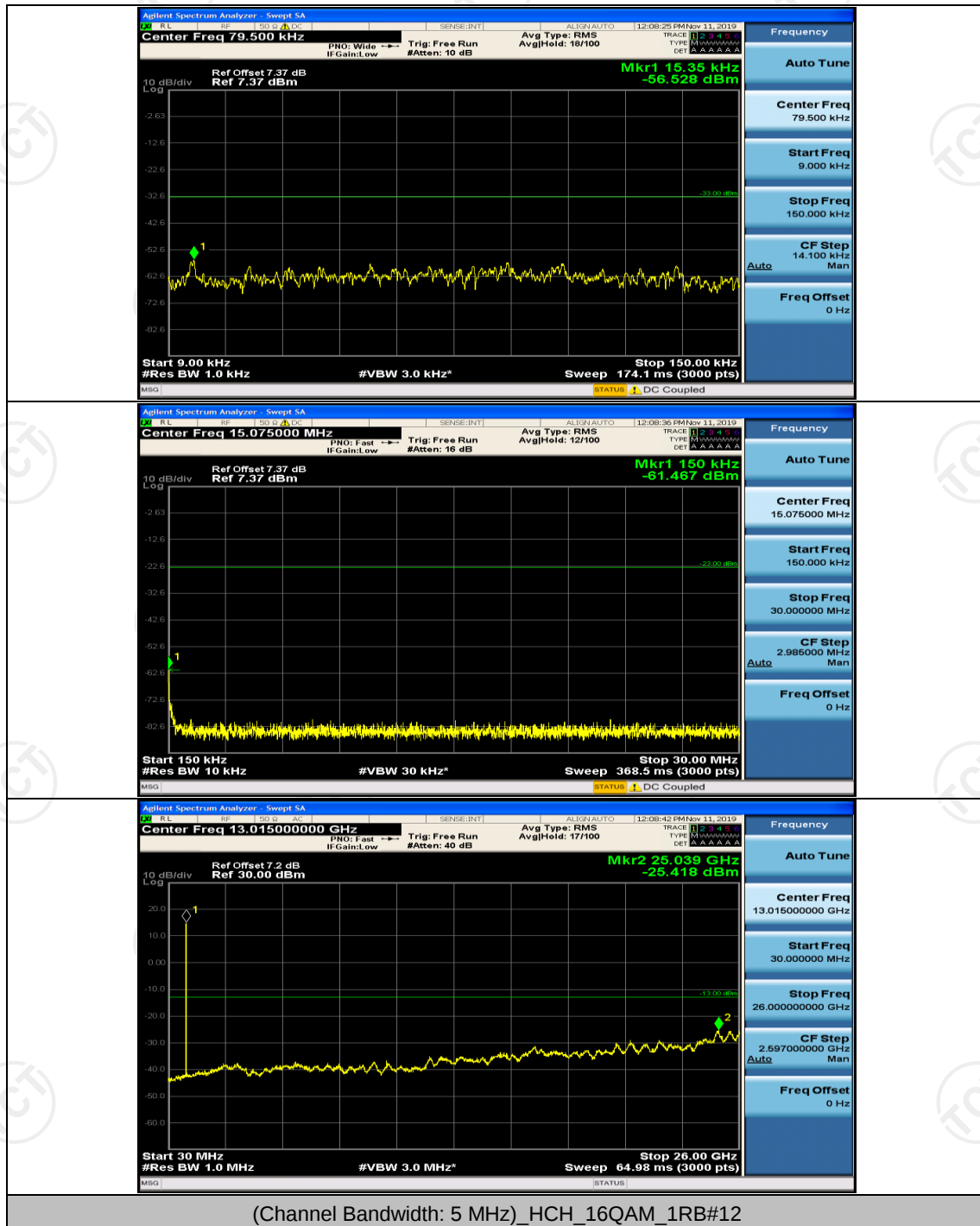
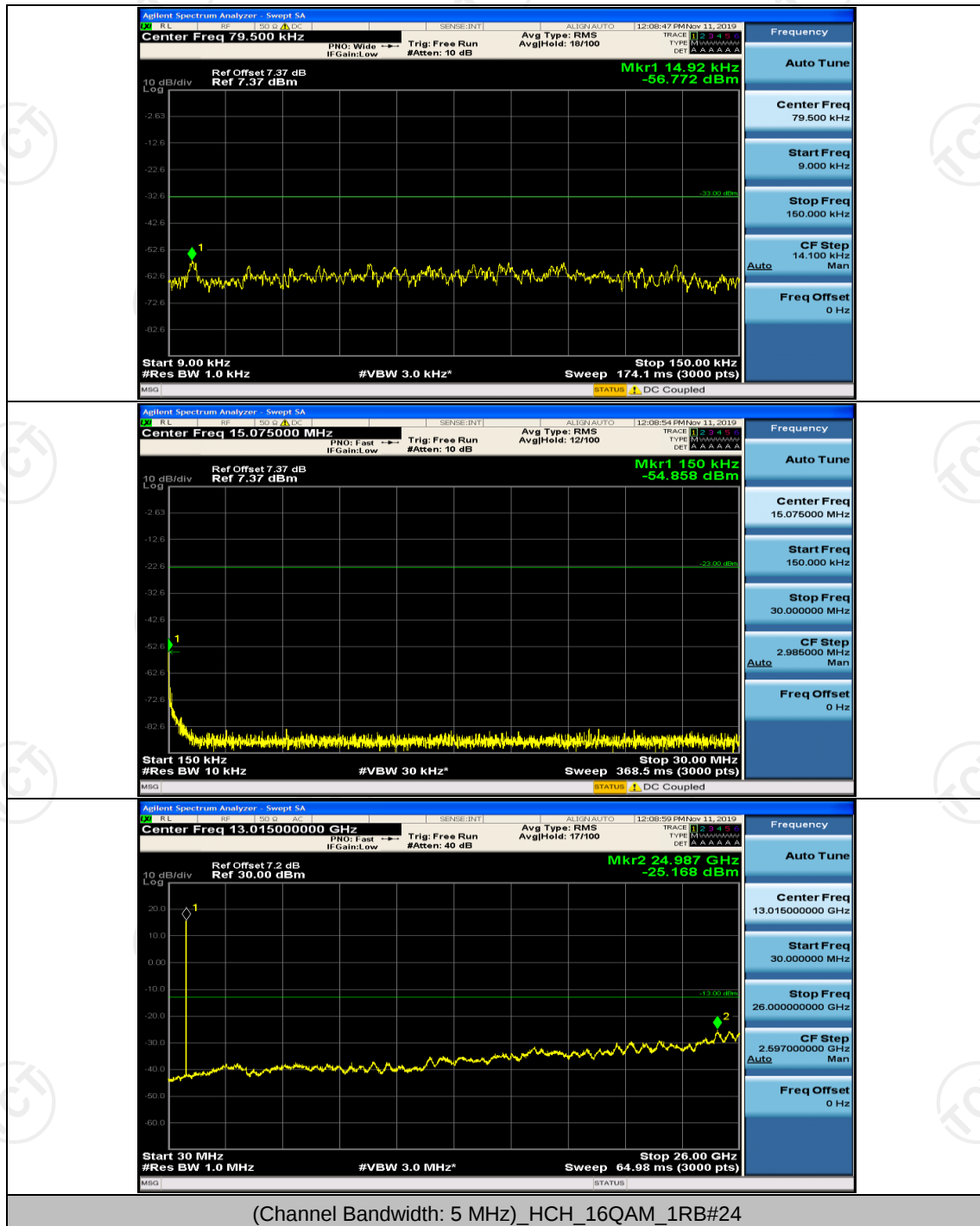


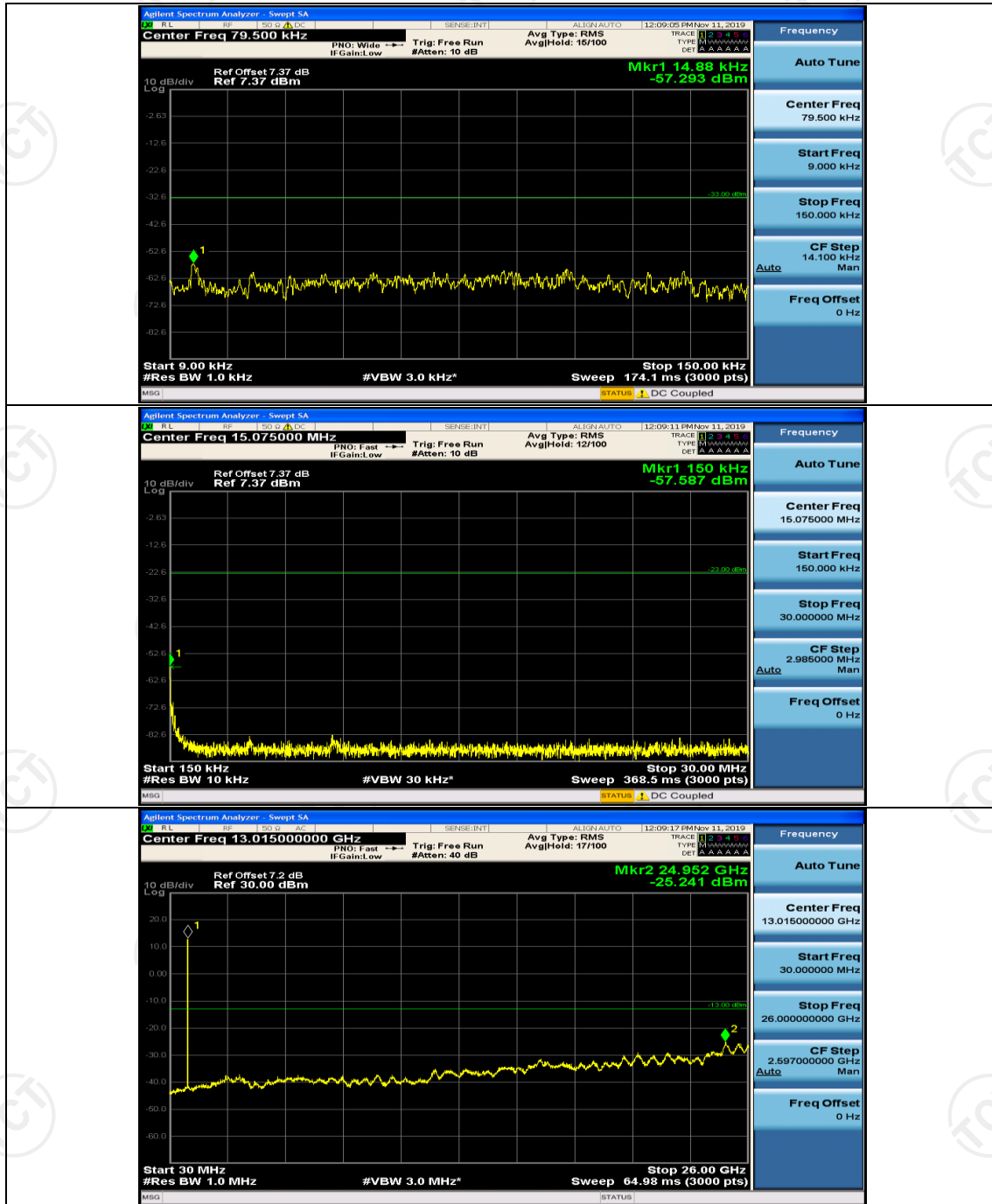






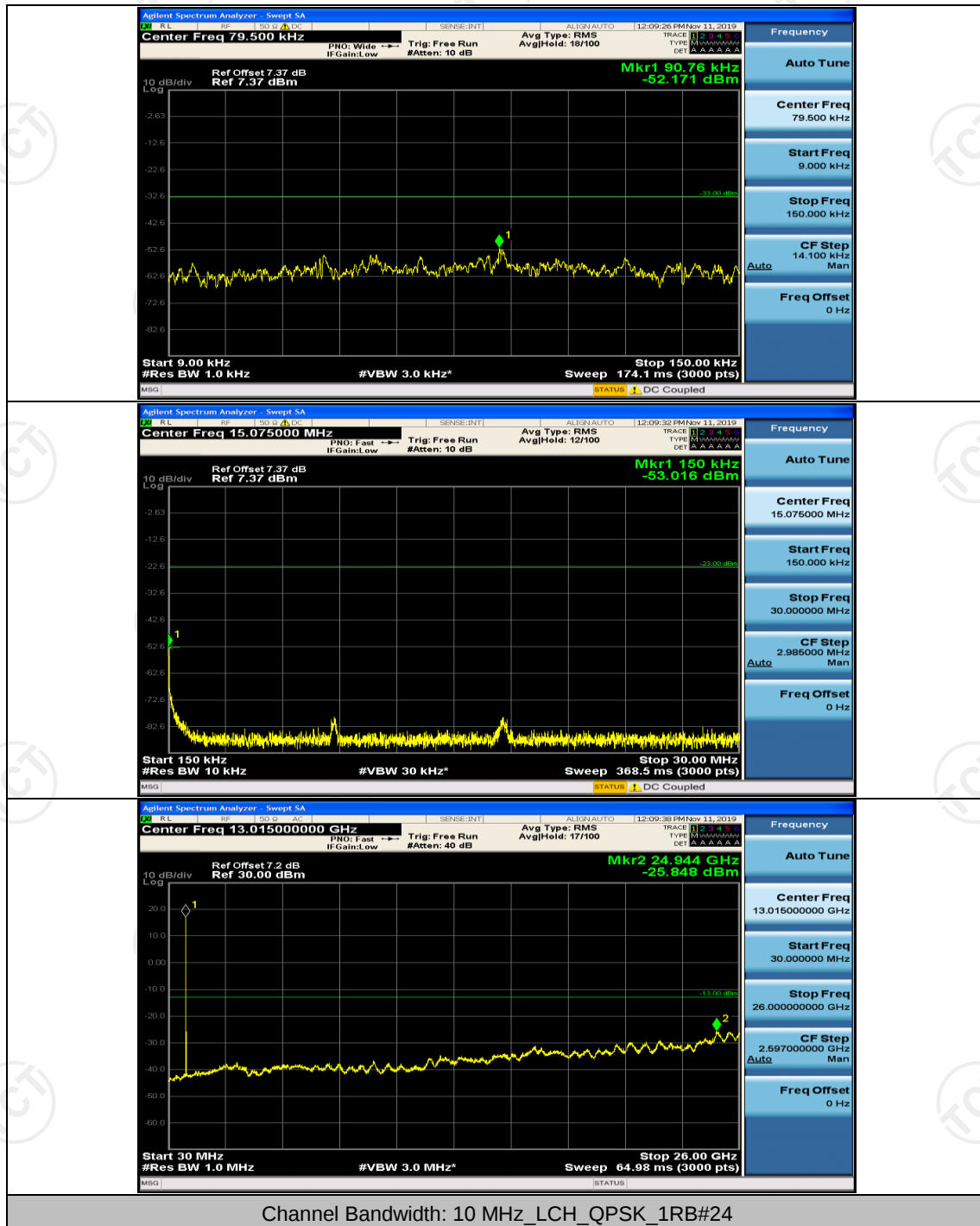


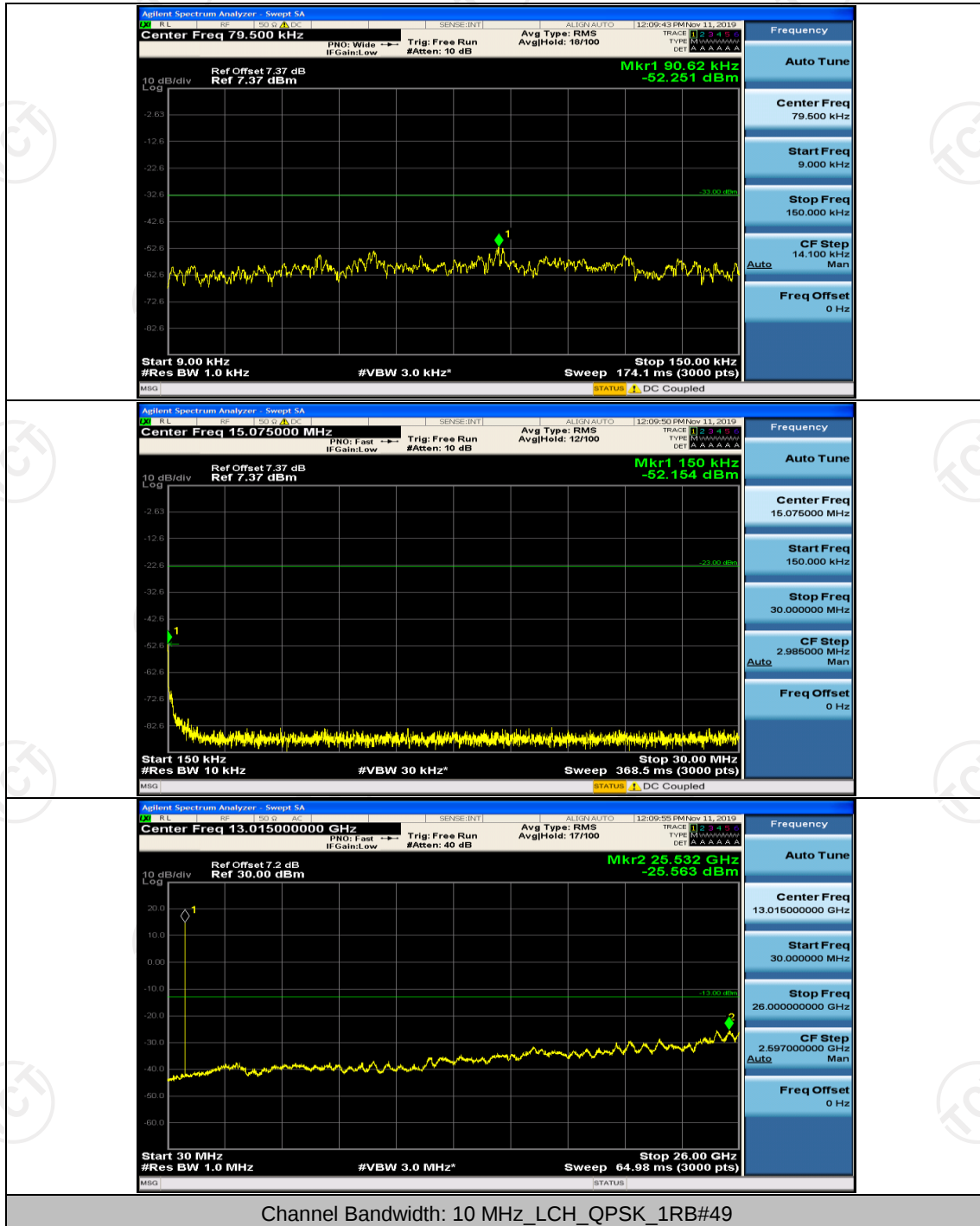


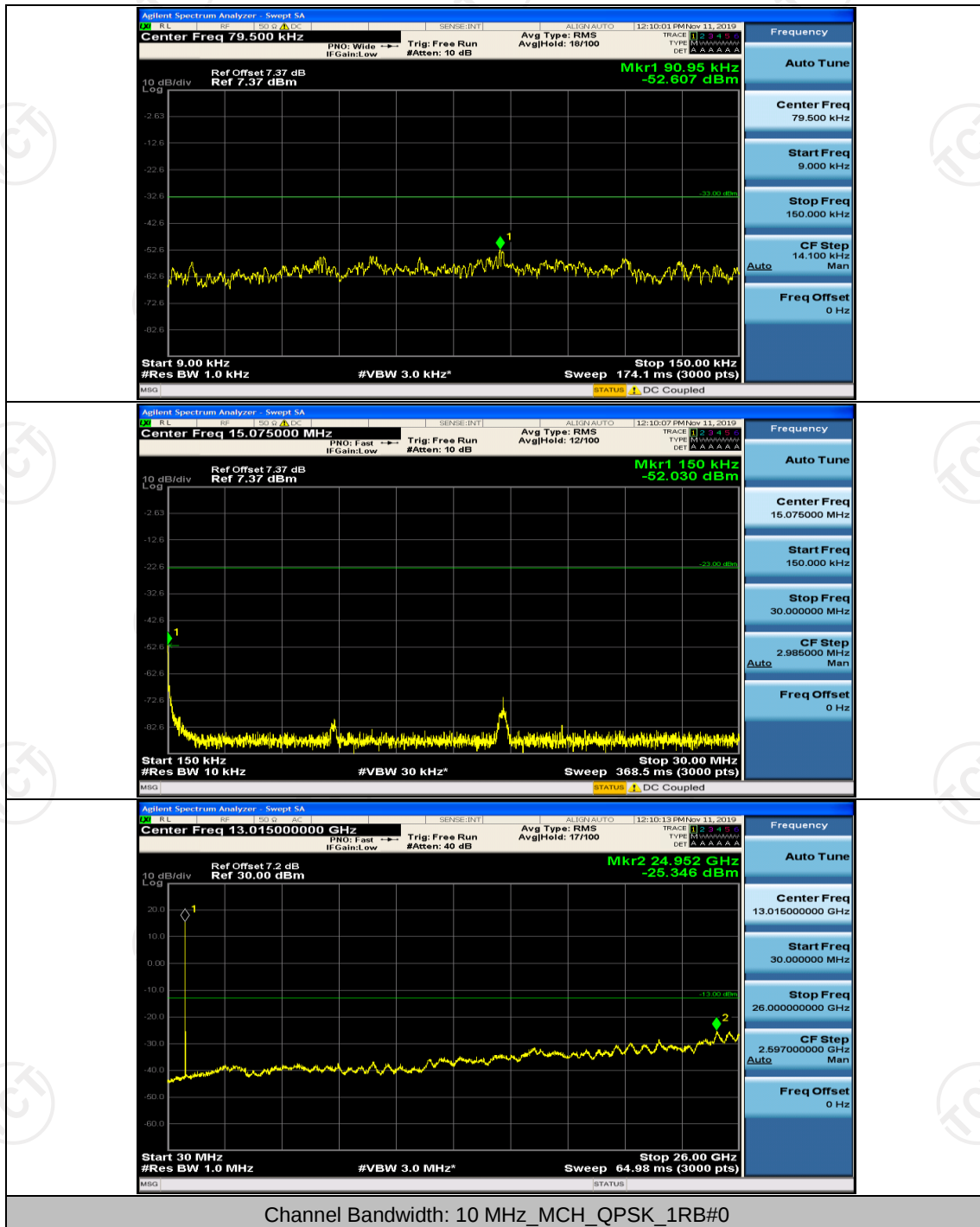


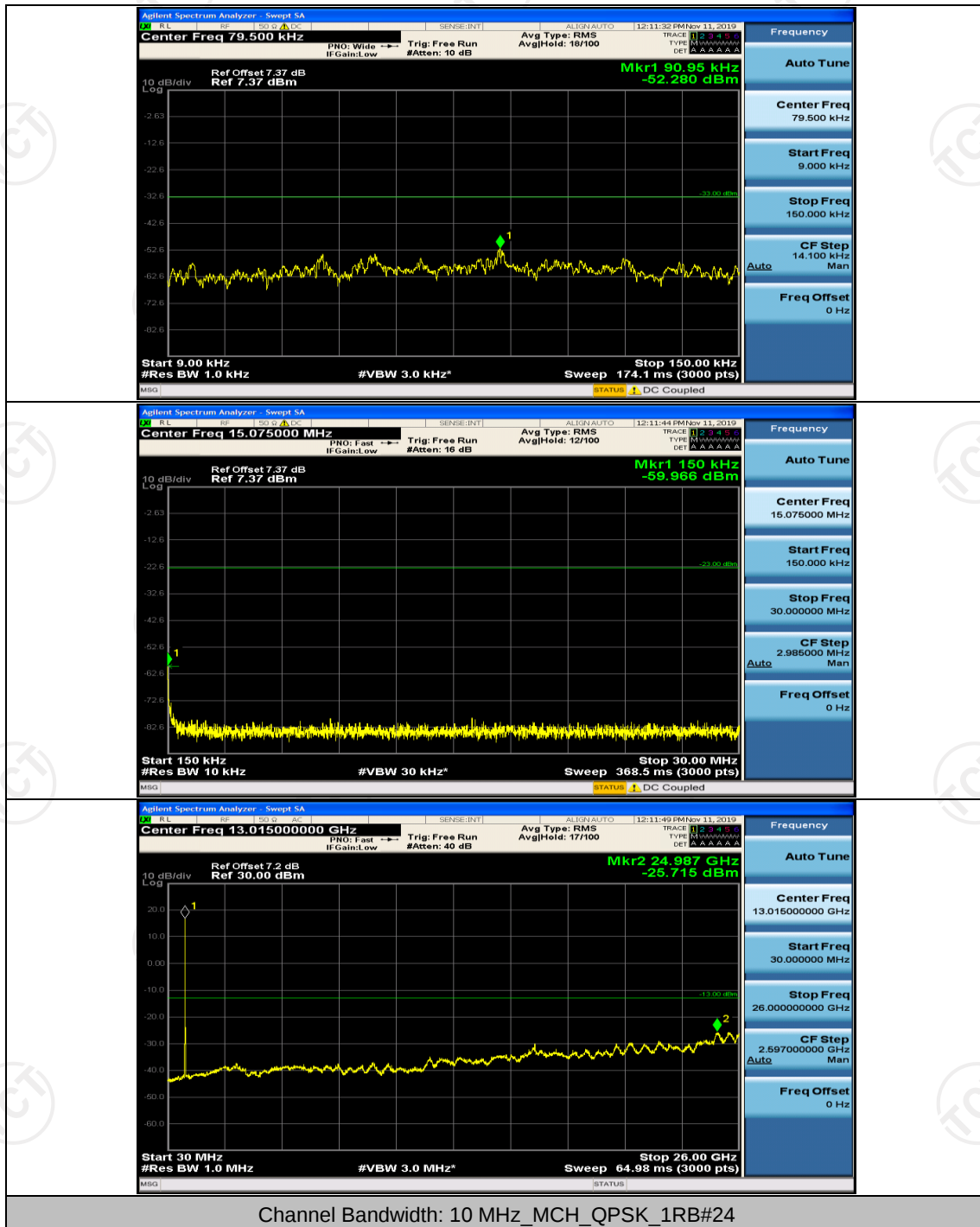
Channel Bandwidth: 10 MHz

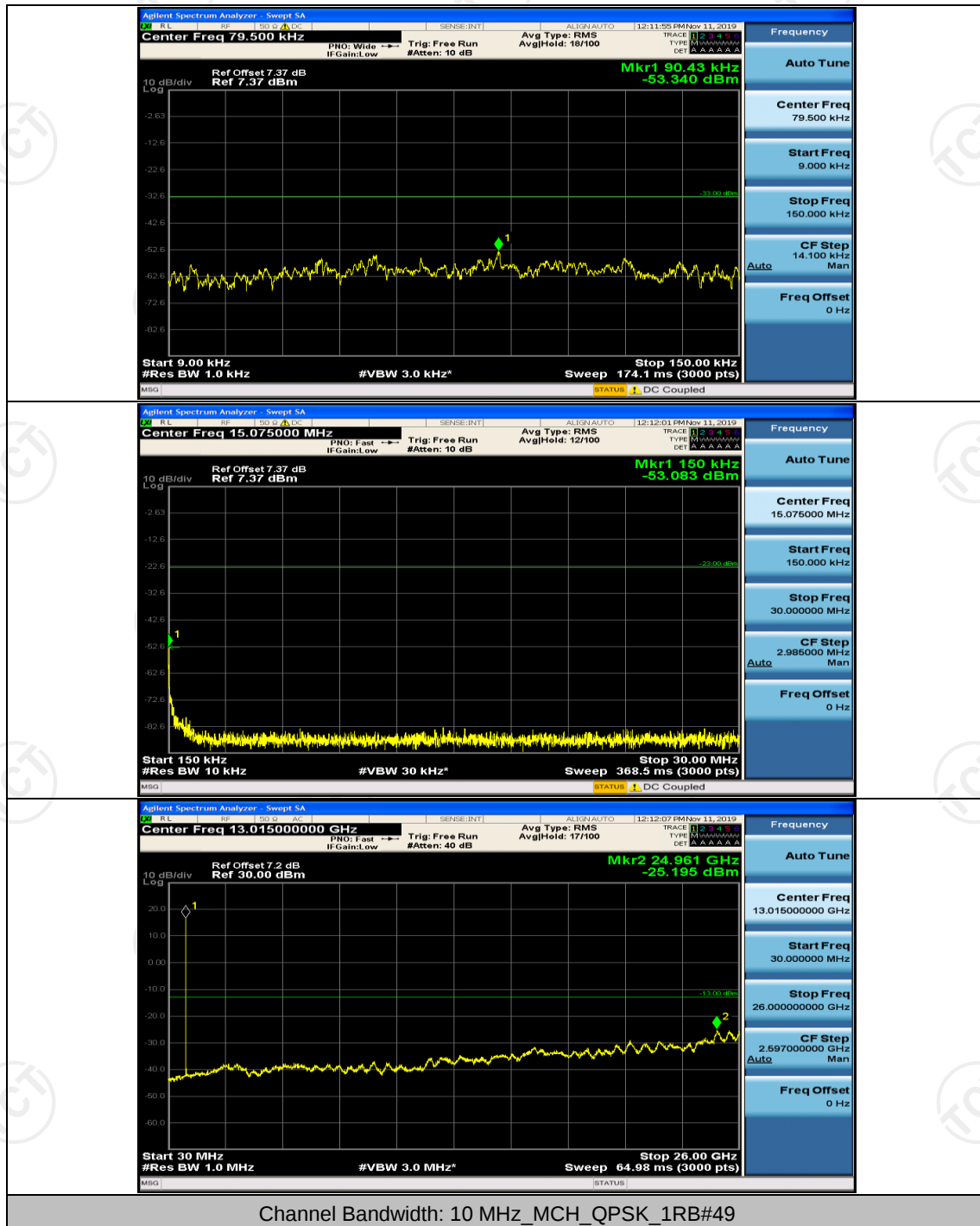
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0

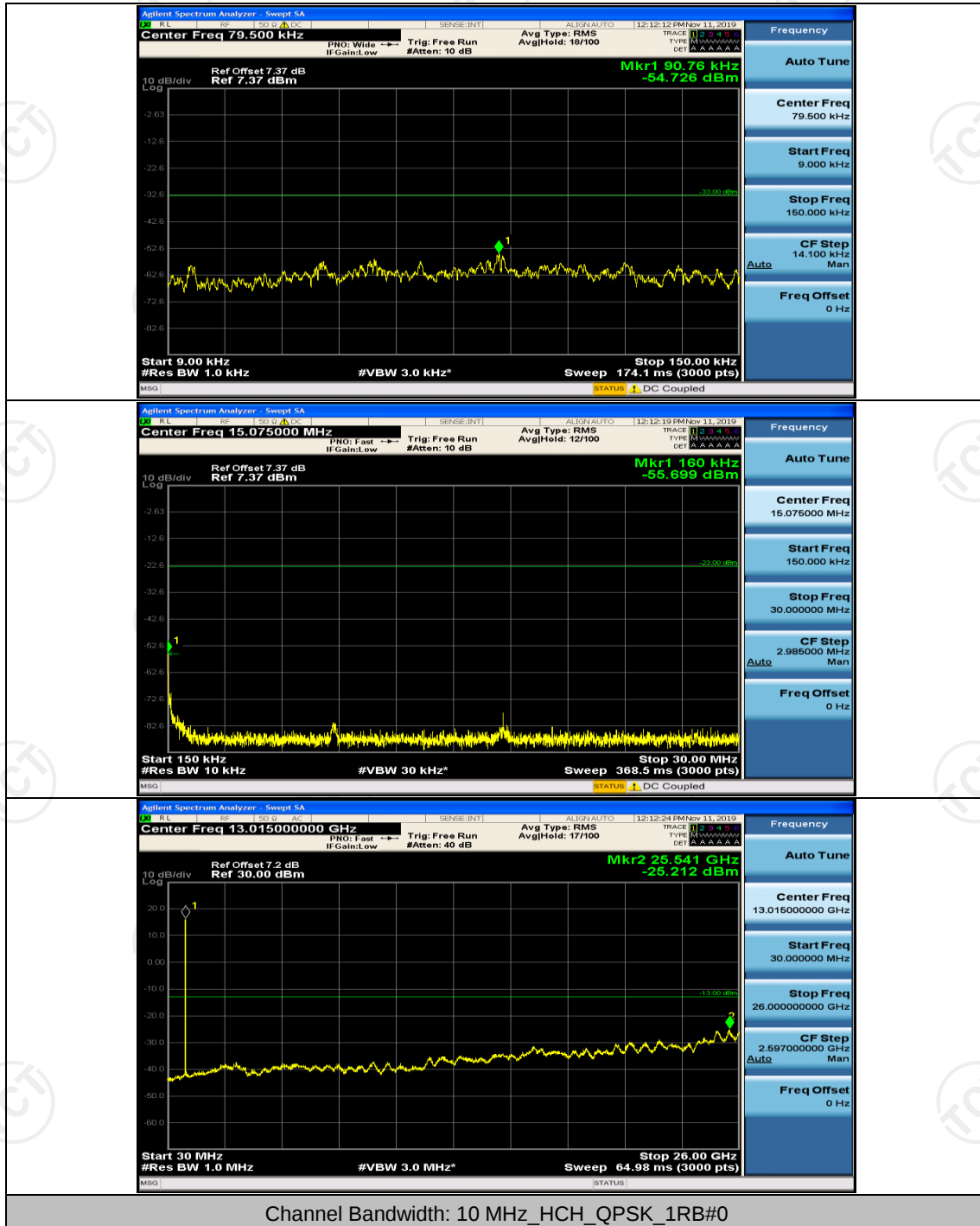


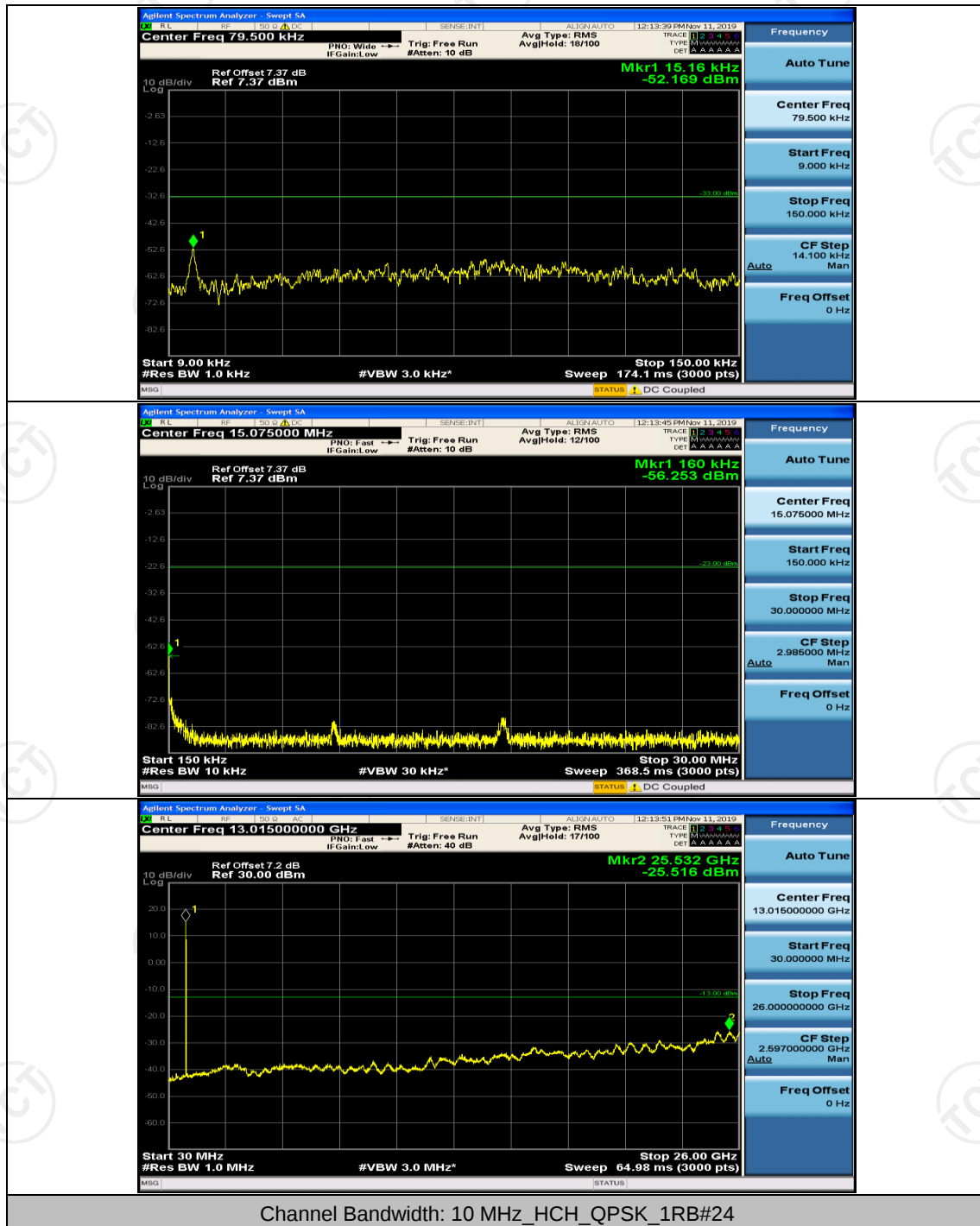


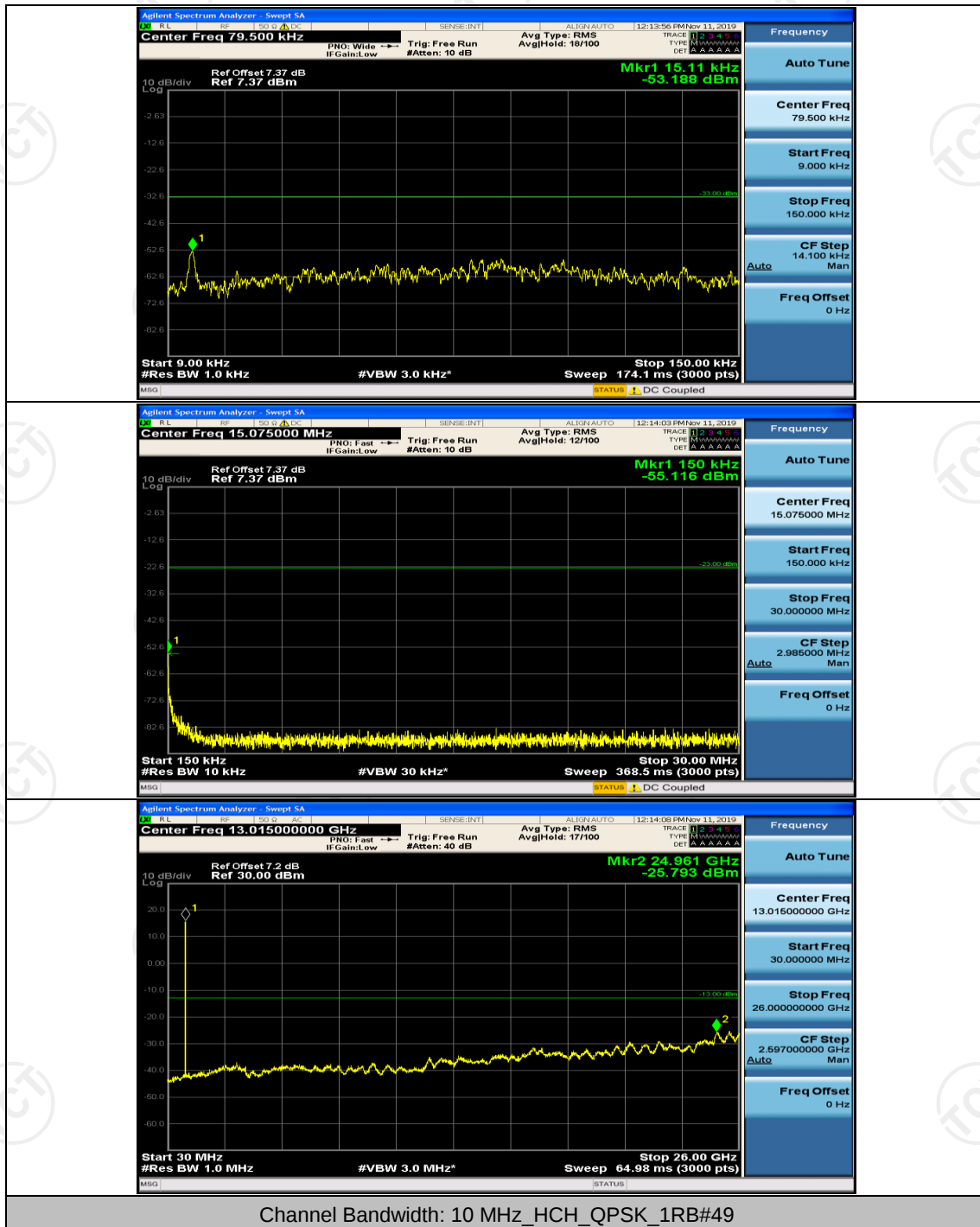


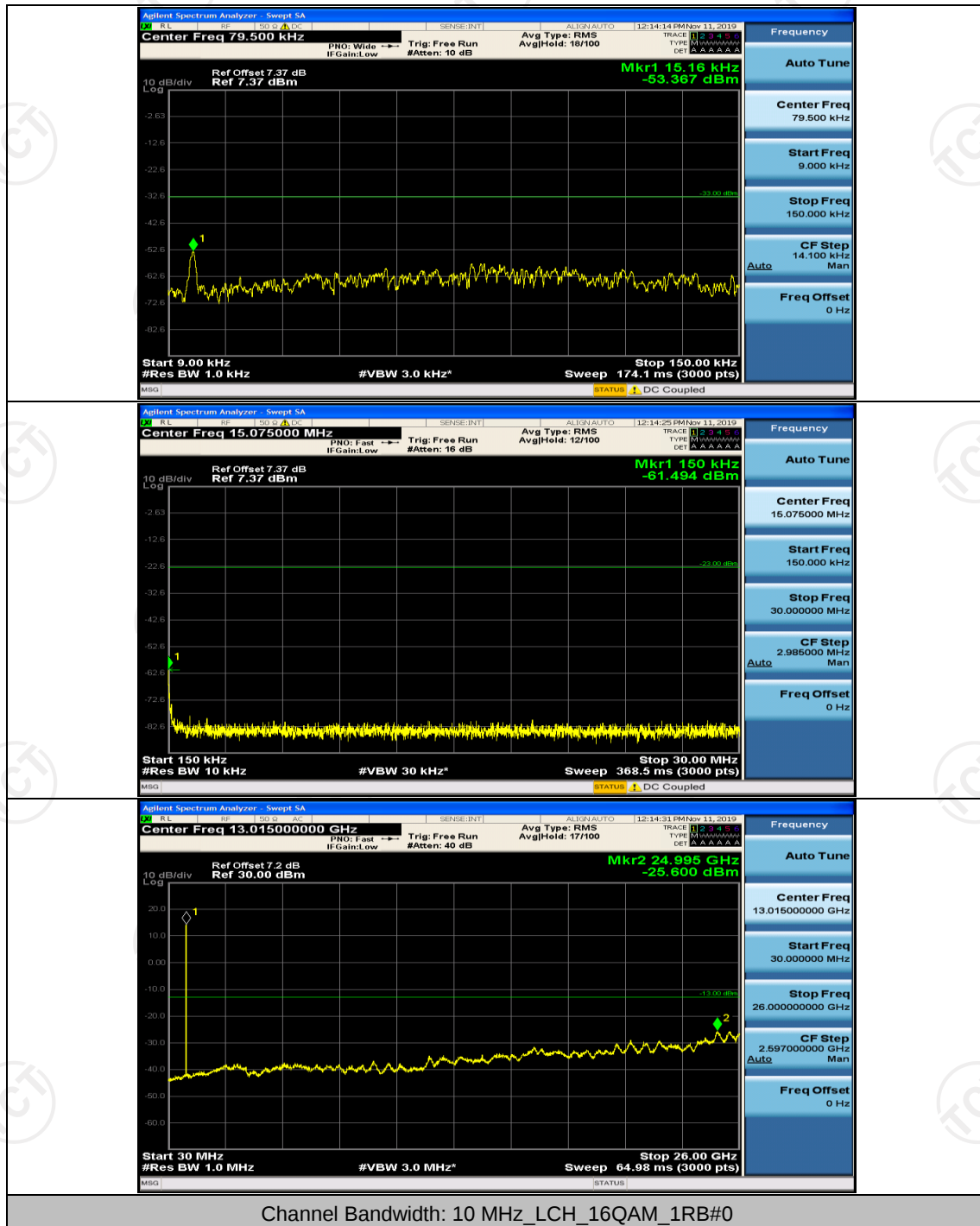


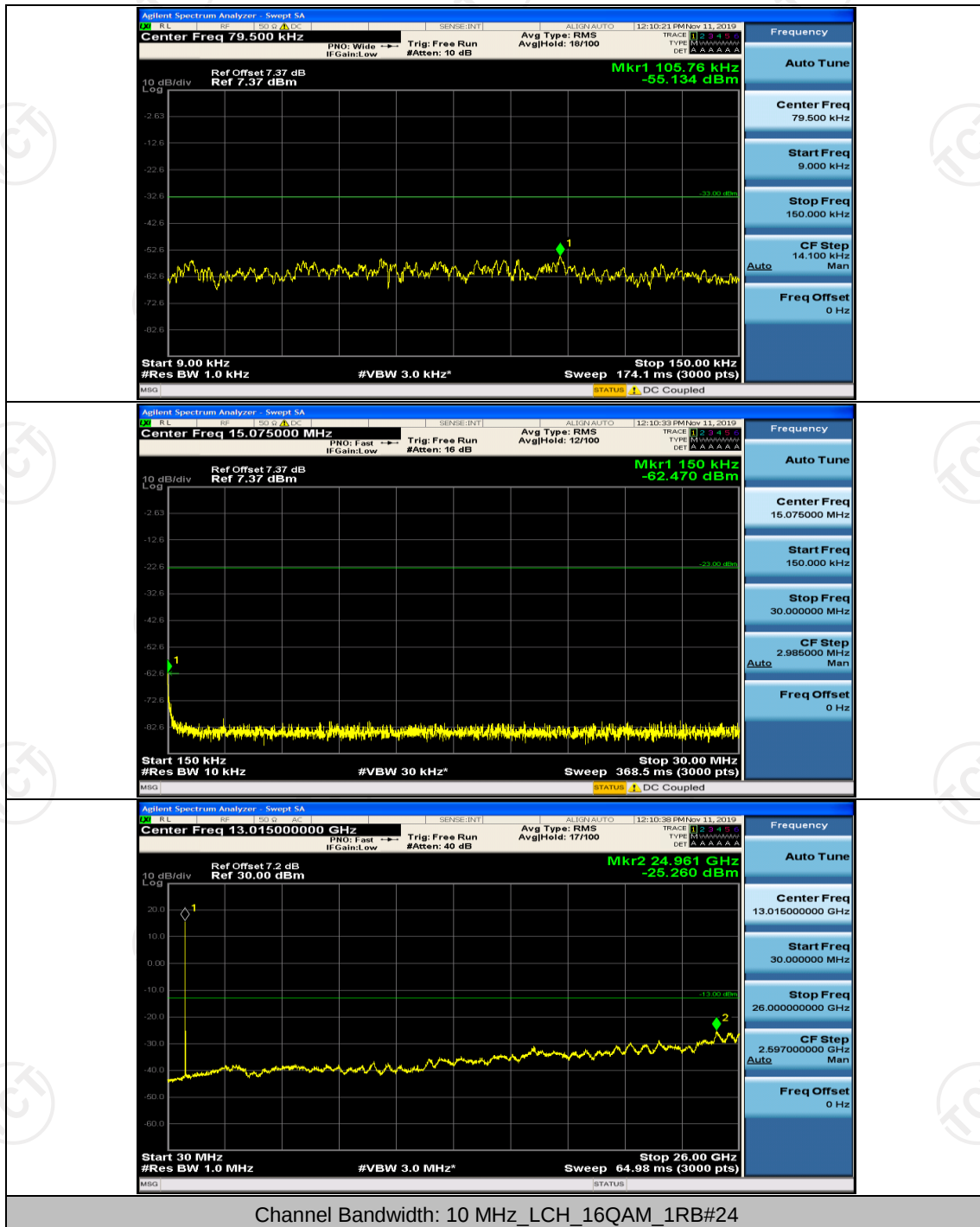


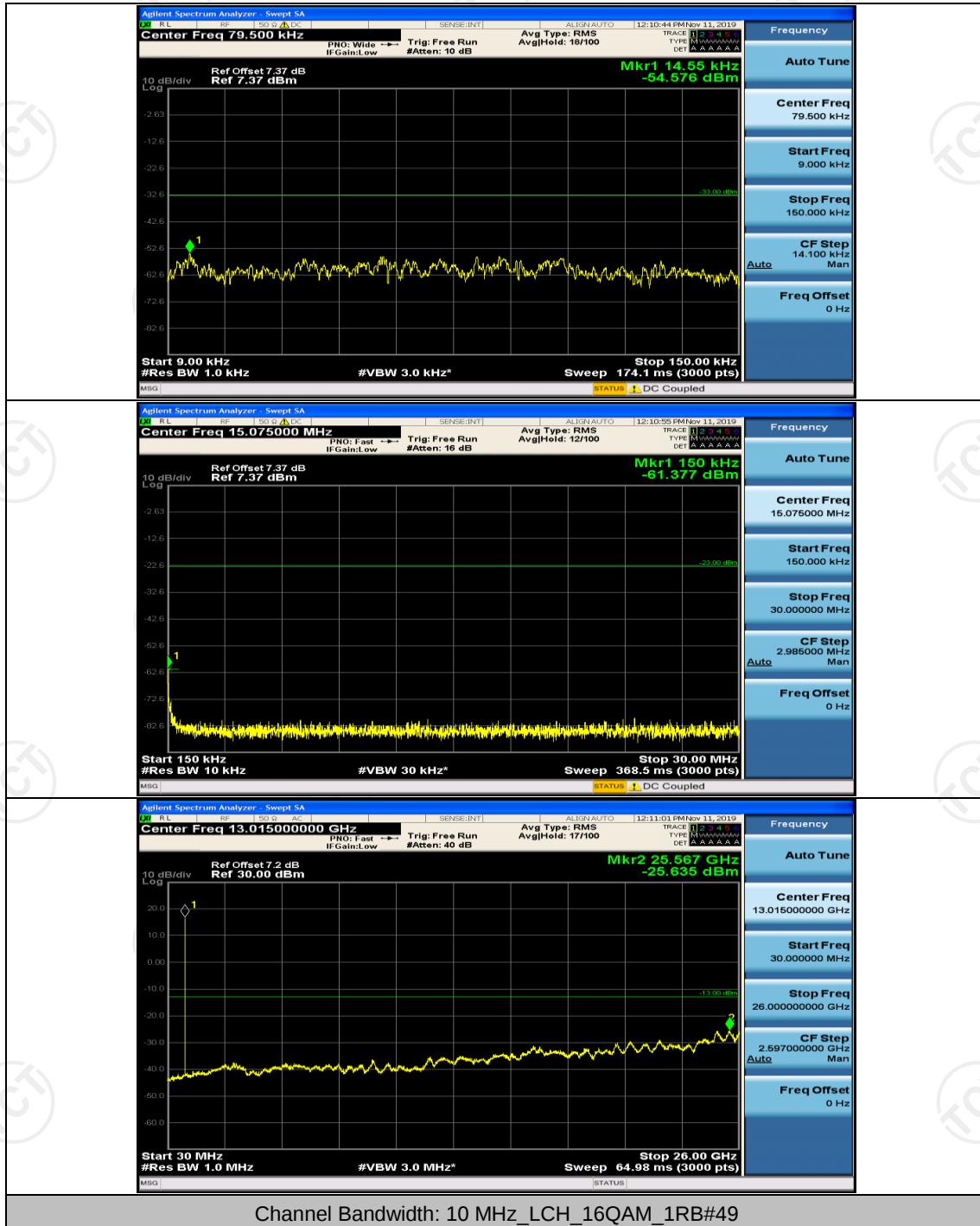


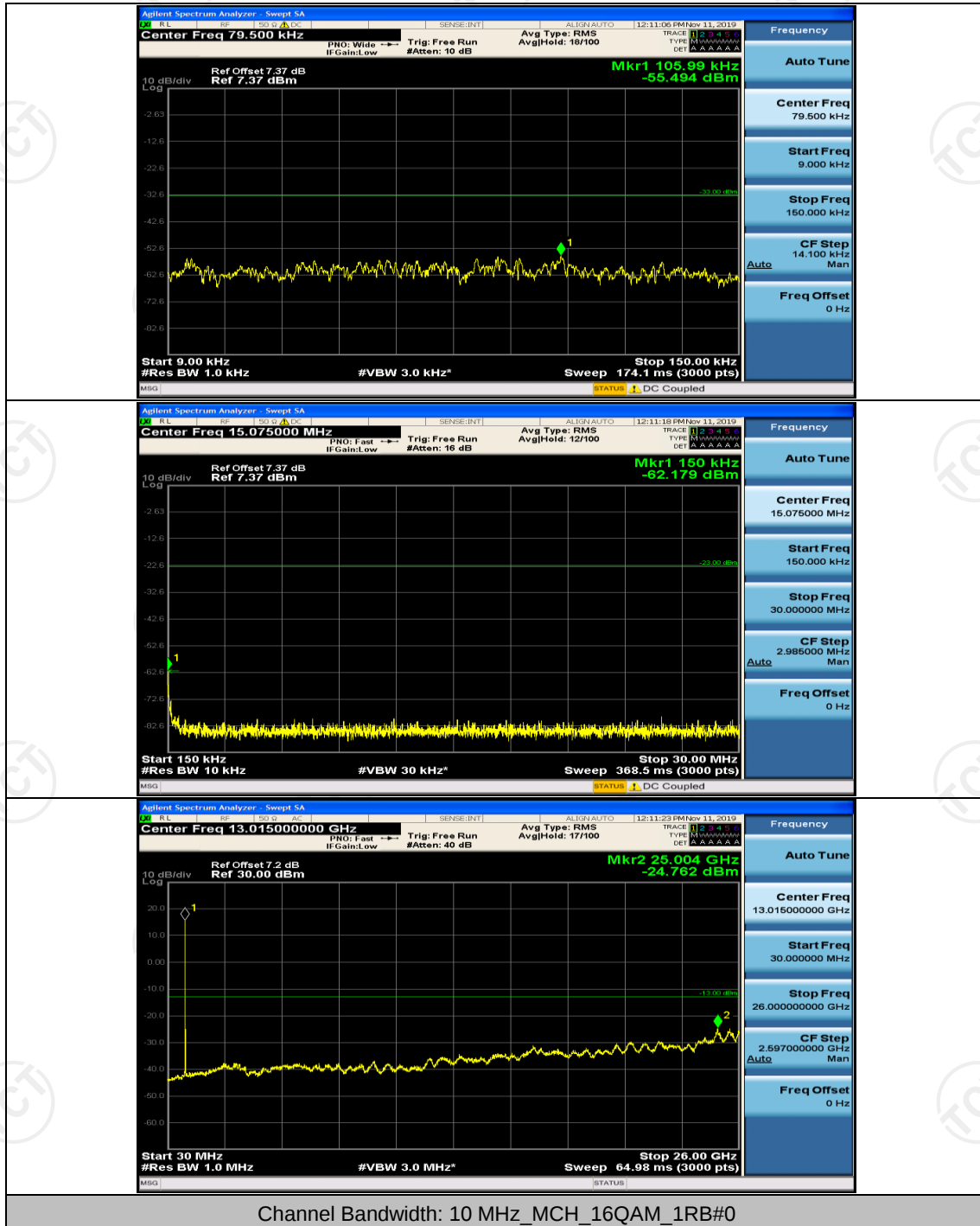


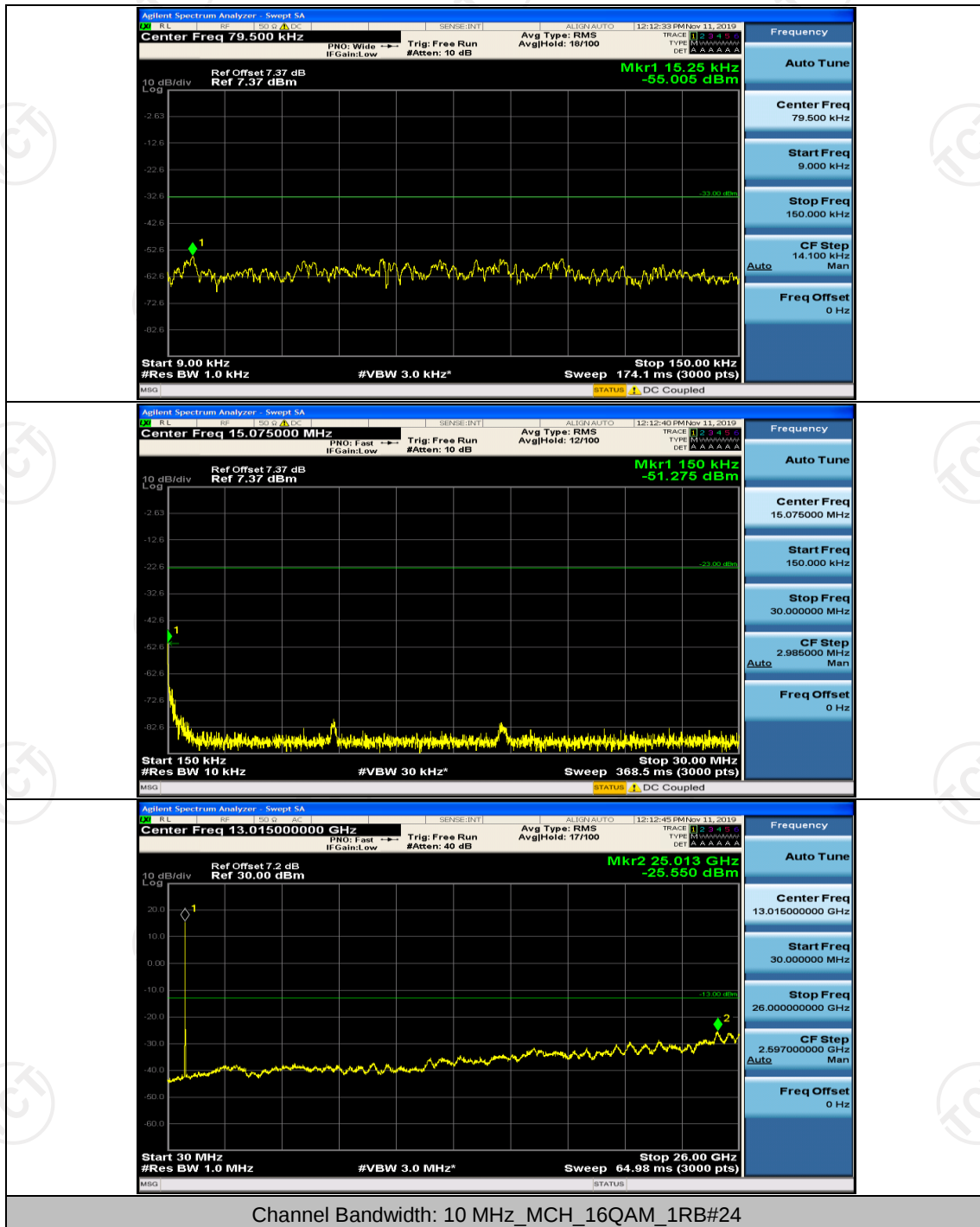


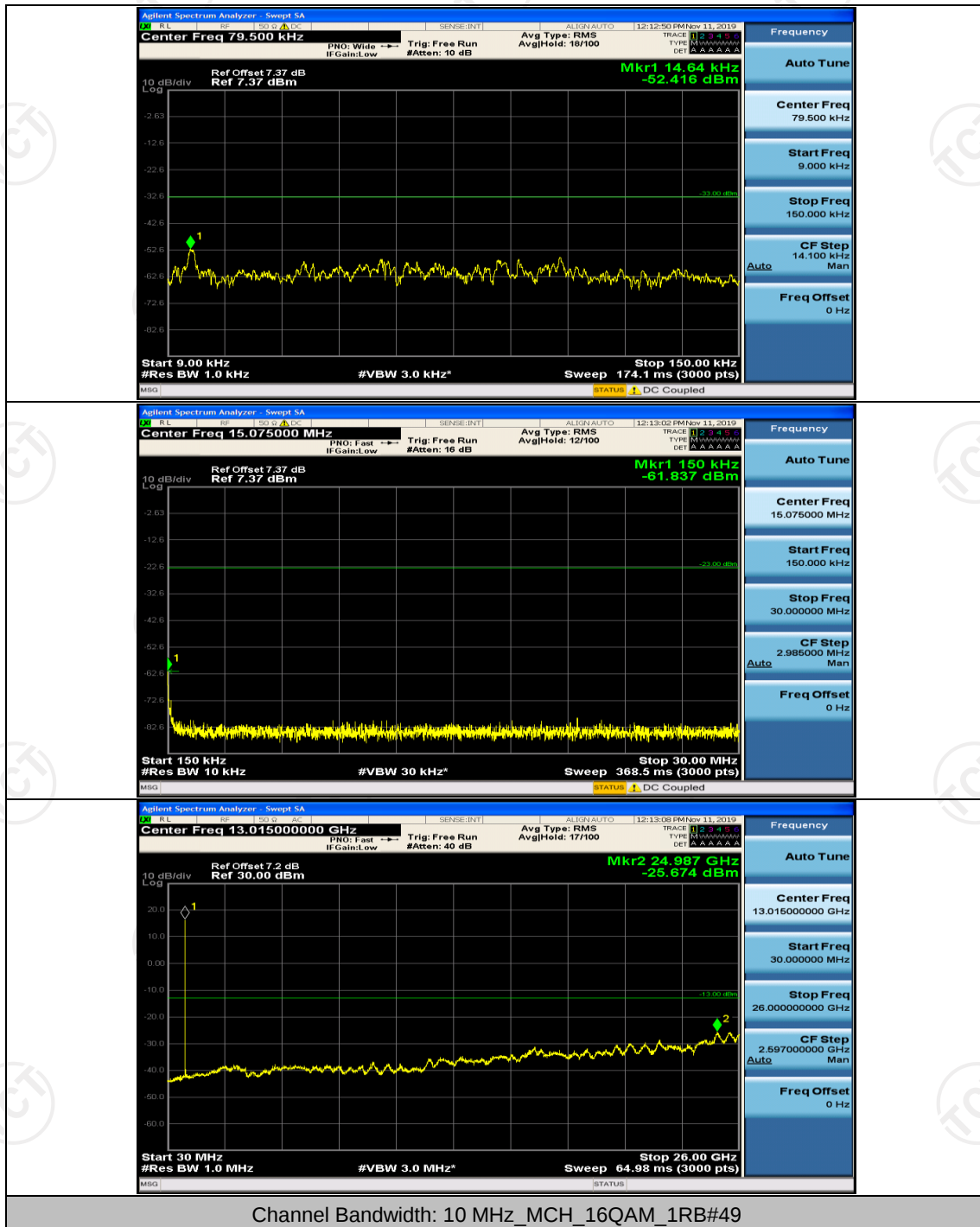


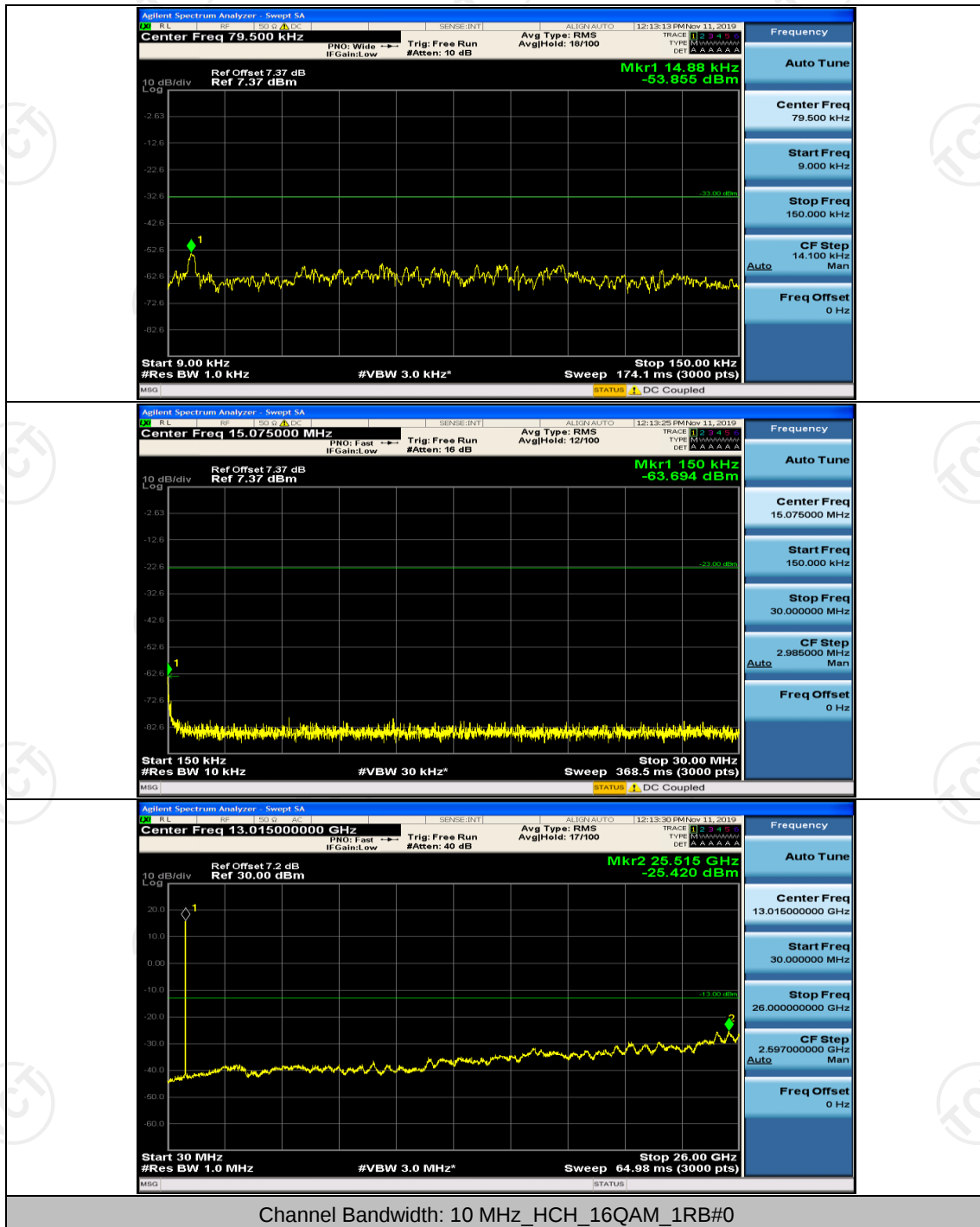


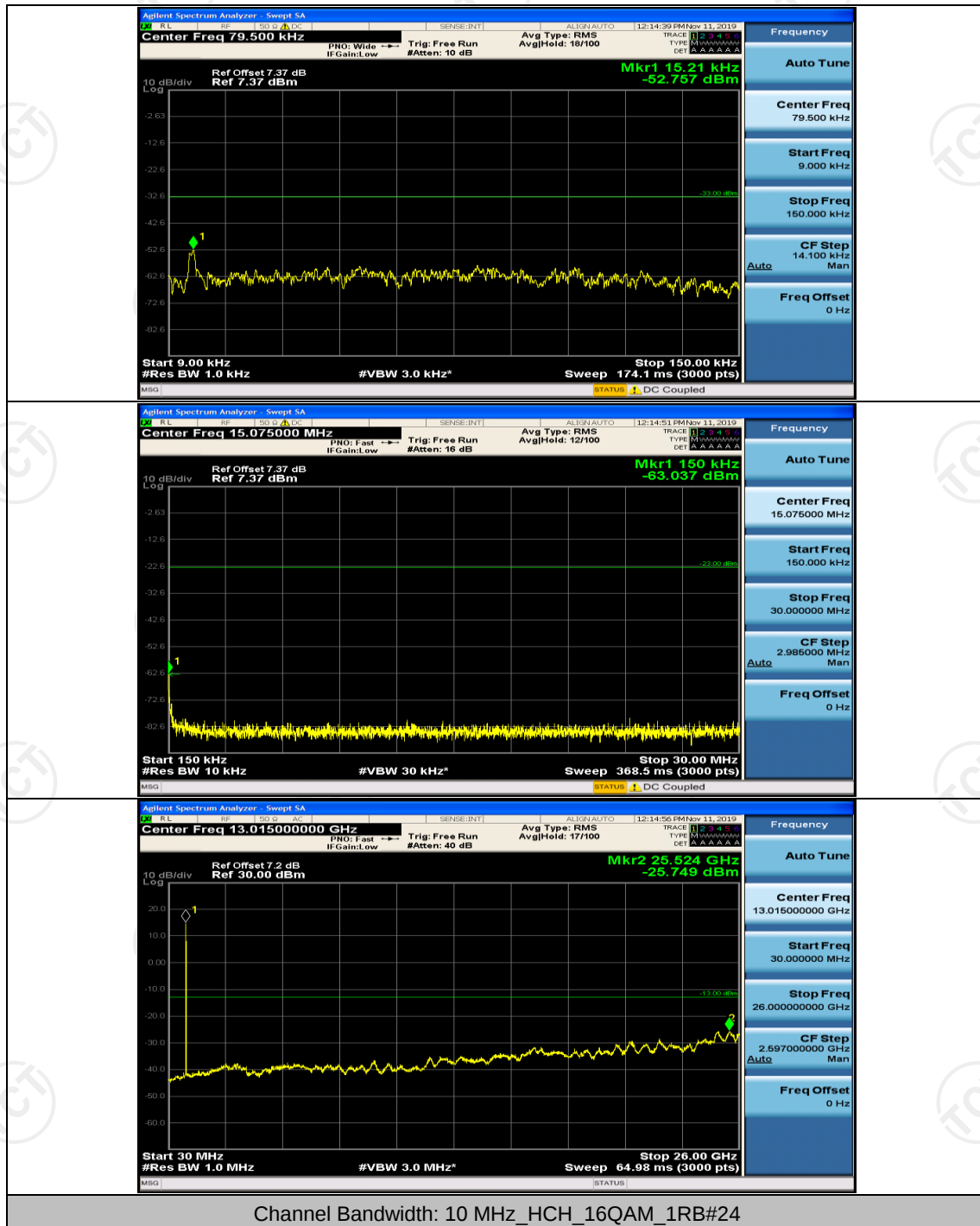


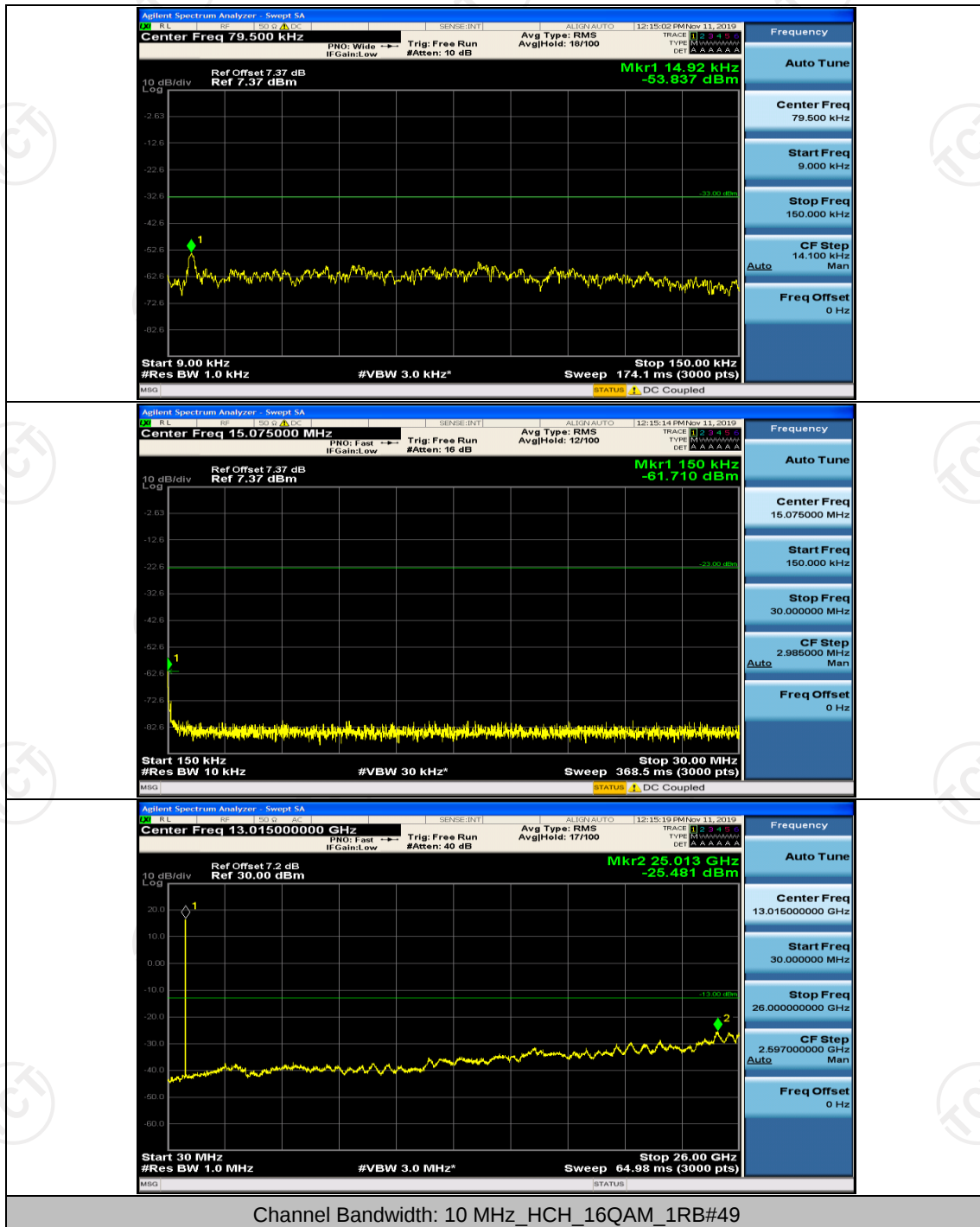


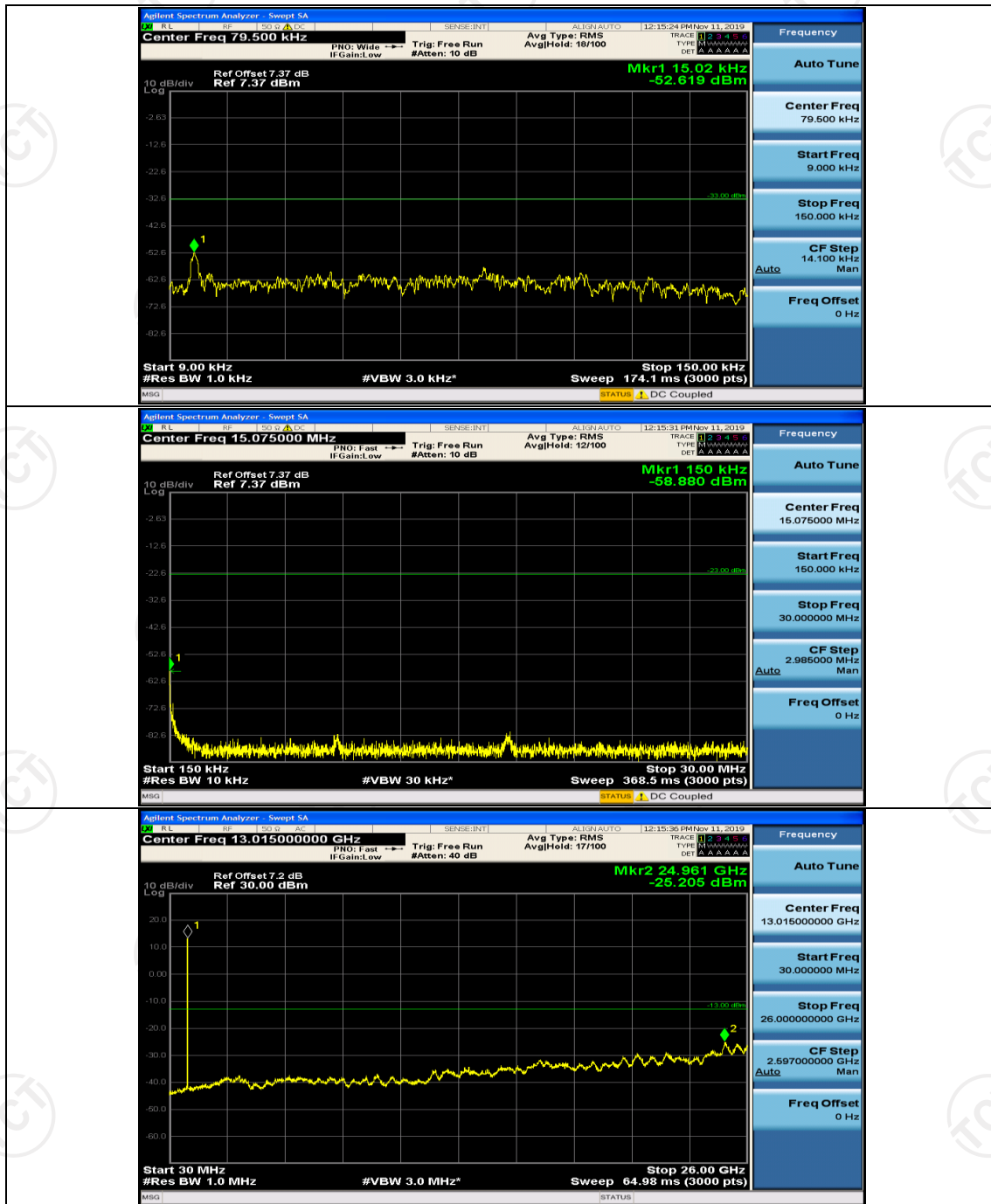












Appendix F: Frequency Stability

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	3.5	25	2.31	0.002815	± 2.5	PASS
		3.85	25	2.46	0.002983	± 2.5	PASS
		4.4	25	2.15	0.002664	± 2.5	PASS
	MCH	3.5	25	2.03	0.002583	± 2.5	PASS
		3.85	25	-4.73	-0.005660	± 2.5	PASS
		4.4	25	-4.91	-0.005789	± 2.5	PASS
	HCH	3.5	25	-5.16	-0.005973	± 2.5	PASS
		3.85	25	-8.75	-0.010320	± 2.5	PASS
		4.4	25	-8.53	-0.009761	± 2.5	PASS
16QAM	LCH	3.5	25	-8.32	-0.009535	± 2.5	PASS
		3.85	25	-6.69	-0.008118	± 2.5	PASS
		4.4	25	-6.47	-0.007965	± 2.5	PASS
	MCH	3.5	25	-6.24	-0.007733	± 2.5	PASS
		3.85	25	-3.10	-0.003711	± 2.5	PASS
		4.4	25	-3.27	-0.003965	± 2.5	PASS
	HCH	3.5	25	-3.42	-0.004123	± 2.5	PASS
		3.85	25	-7.01	-0.008263	± 2.5	PASS
		4.4	25	-6.86	-0.008041	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	3.85	-30	-4.13	-0.005073	± 2.5	PASS
		3.85	-20	-4.05	-0.004986	± 2.5	PASS
		3.85	-10	-3.94	-0.004862	± 2.5	PASS
		3.85	0	-3.76	-0.004691	± 2.5	PASS
		3.85	10	-3.53	-0.004460	± 2.5	PASS
		3.85	20	-0.73	-0.000885	± 2.5	PASS
		3.85	30	-4.22	-0.005117	± 2.5	PASS
		3.85	40	-2.36	-0.002862	± 2.5	PASS
		3.85	50	-5.44	-0.006591	± 2.5	PASS
	MCH	3.85	-30	-5.33	-0.006413	± 2.5	PASS
		3.85	-20	-5.19	-0.006284	± 2.5	PASS
		3.85	-10	-5.04	-0.006076	± 2.5	PASS
		3.85	0	-4.92	-0.005937	± 2.5	PASS

		3.85	10	-4.78	-0.005731	± 2.5	PASS
		3.85	20	-5.72	-0.006840	± 2.5	PASS
		3.85	30	-6.02	-0.007200	± 2.5	PASS
		3.85	40	-6.25	-0.007473	± 2.5	PASS
		3.85	50	-6.32	-0.007559	± 2.5	PASS
	HCH	3.85	-30	-6.14	-0.007368	± 2.5	PASS
		3.85	-20	-6.02	-0.007145	± 2.5	PASS
		3.85	-10	-5.93	-0.006970	± 2.5	PASS
		3.85	0	-5.70	-0.006713	± 2.5	PASS
		3.85	10	-5.63	-0.006602	± 2.5	PASS
		3.85	20	-5.28	-0.006223	± 2.5	PASS
		3.85	30	-8.51	-0.010034	± 2.5	PASS
		3.85	40	-3.95	-0.004654	± 2.5	PASS
		3.85	50	-2.75	-0.003238	± 2.5	PASS
16QAM	LCH	3.85	-30	-2.52	-0.003014	± 2.5	PASS
		3.85	-20	-2.40	-0.002935	± 2.5	PASS
		3.85	-10	-2.32	-0.002891	± 2.5	PASS
		3.85	0	-2.16	-0.002806	± 2.5	PASS
		3.85	10	-2.01	-0.002734	± 2.5	PASS
		3.85	20	-3.19	-0.003868	± 2.5	PASS
		3.85	30	-4.28	-0.005186	± 2.5	PASS
		3.85	40	-0.53	-0.000642	± 2.5	PASS
		3.85	50	-2.56	-0.003105	± 2.5	PASS
	MCH	3.85	-30	-2.43	-0.003046	± 2.5	PASS
		3.85	-20	-2.29	-0.002940	± 2.5	PASS
		3.85	-10	-2.13	-0.002764	± 2.5	PASS
		3.85	0	-1.97	-0.002583	± 2.5	PASS
		3.85	10	-1.85	-0.002430	± 2.5	PASS
		3.85	20	-4.16	-0.004976	± 2.5	PASS
		3.85	30	-1.87	-0.002240	± 2.5	PASS
		3.85	40	-8.57	-0.010244	± 2.5	PASS
		3.85	50	-1.95	-0.002326	± 2.5	PASS
	HCH	3.85	-30	-2.08	-0.002487	± 2.5	PASS
		3.85	-20	-2.31	-0.002599	± 2.5	PASS
		3.85	-10	-2.12	-0.002473	± 2.5	PASS
		3.85	0	-1.99	-0.002597	± 2.5	PASS
		3.85	10	-4.25	-0.005013	± 2.5	PASS
		3.85	20	-4.41	-0.005194	± 2.5	PASS
		3.85	30	-5.85	-0.006897	± 2.5	PASS
		3.85	40	-2.88	-0.003390	± 2.5	PASS
		3.85	50	-5.02	-0.005919	± 2.5	PASS