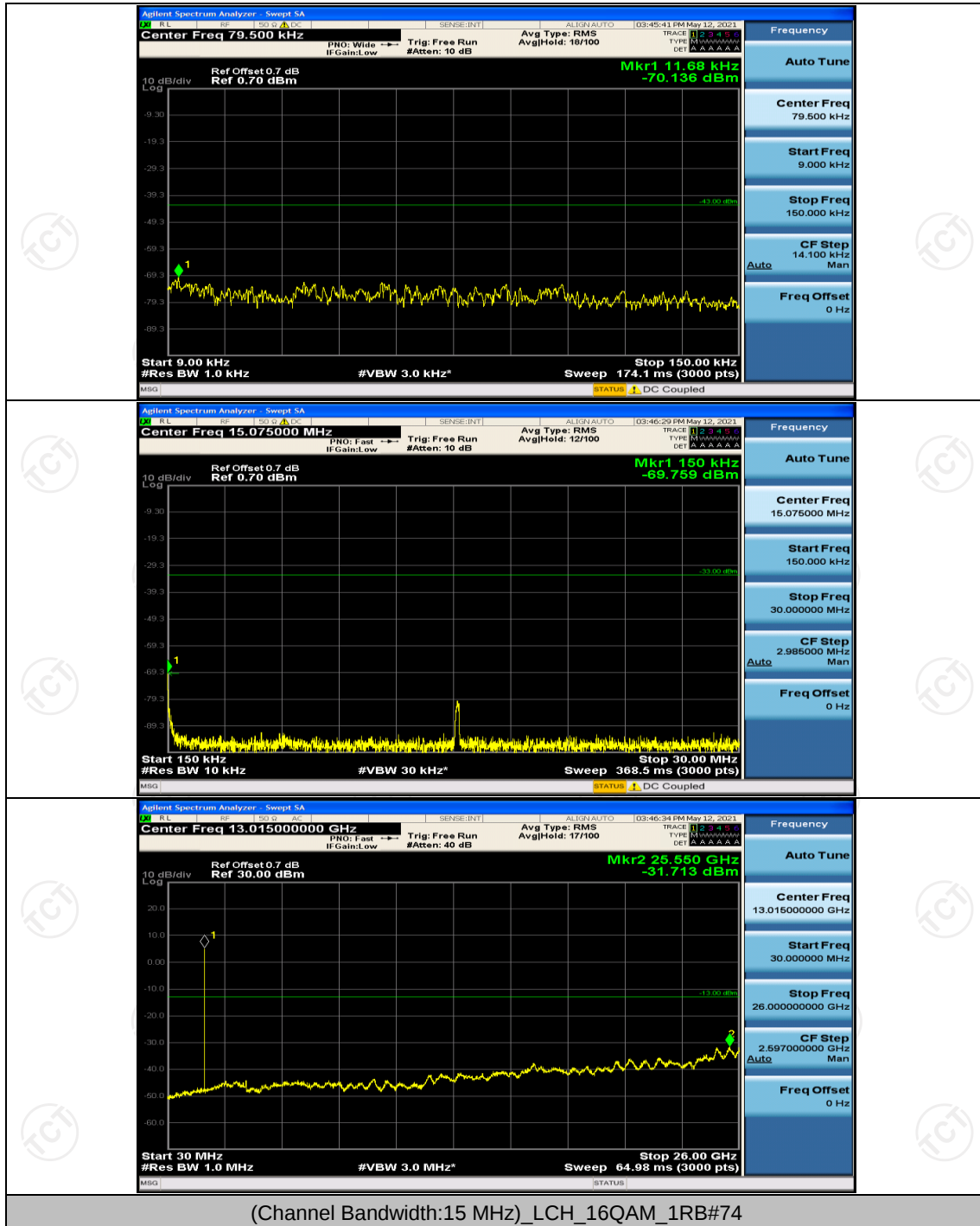
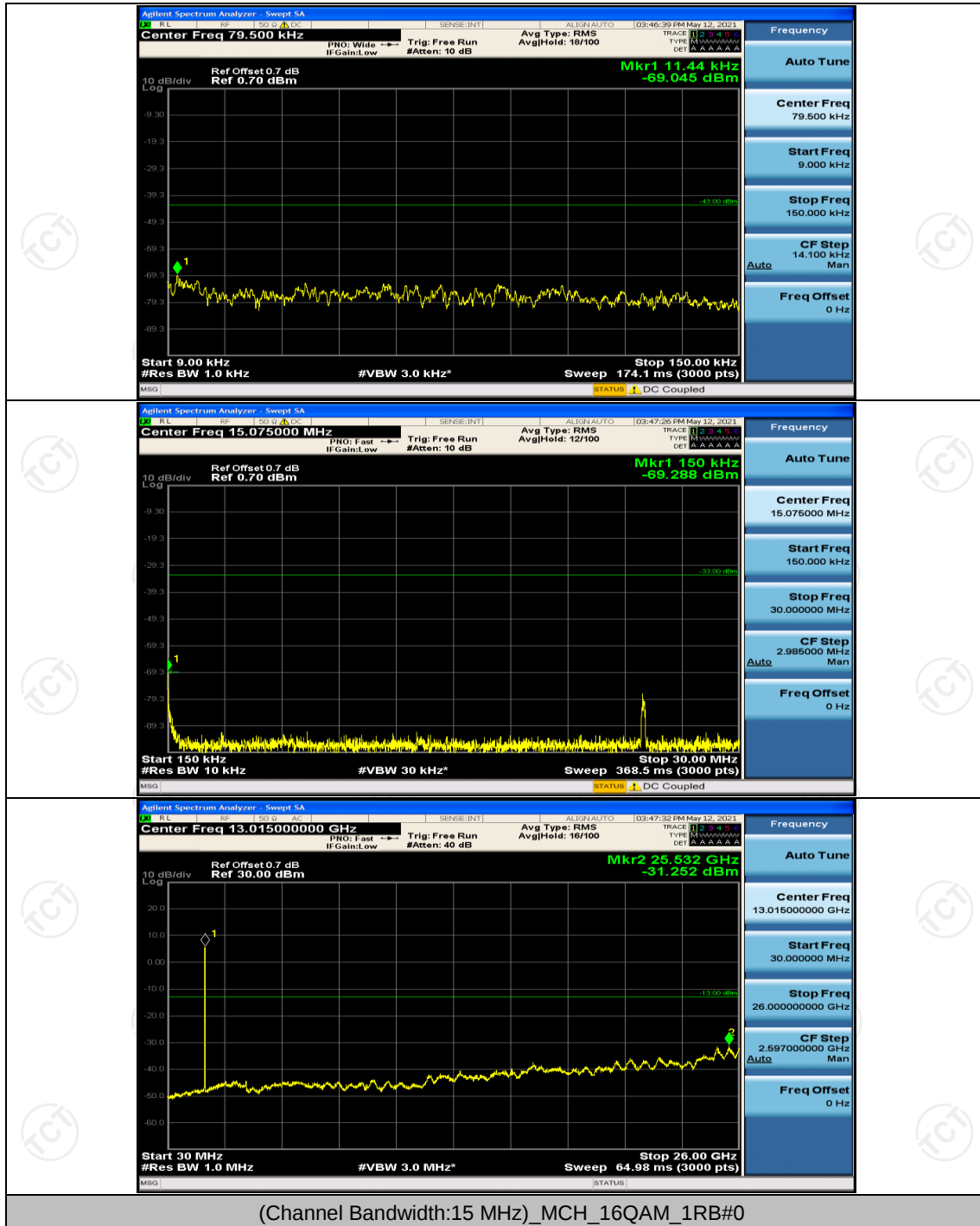
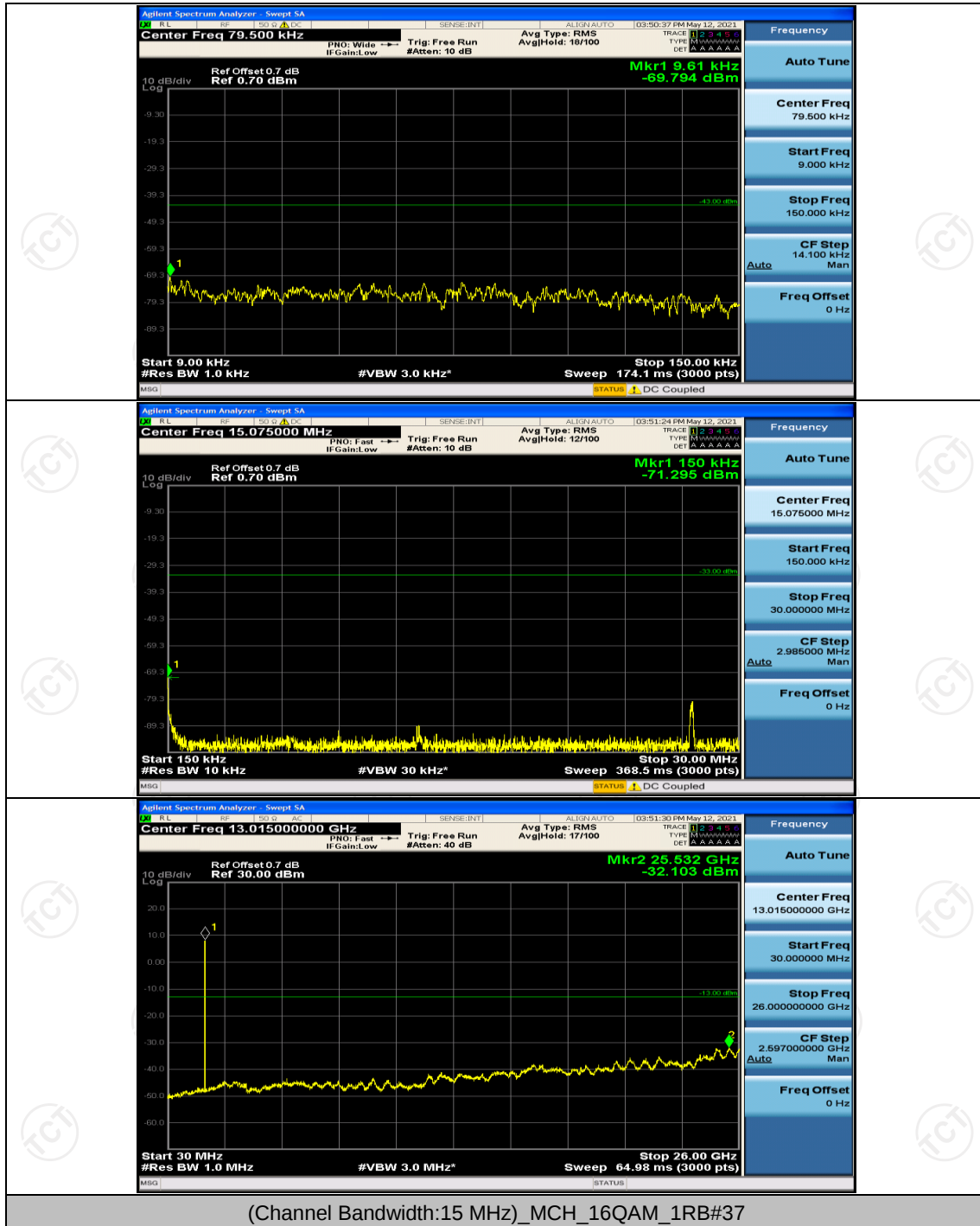
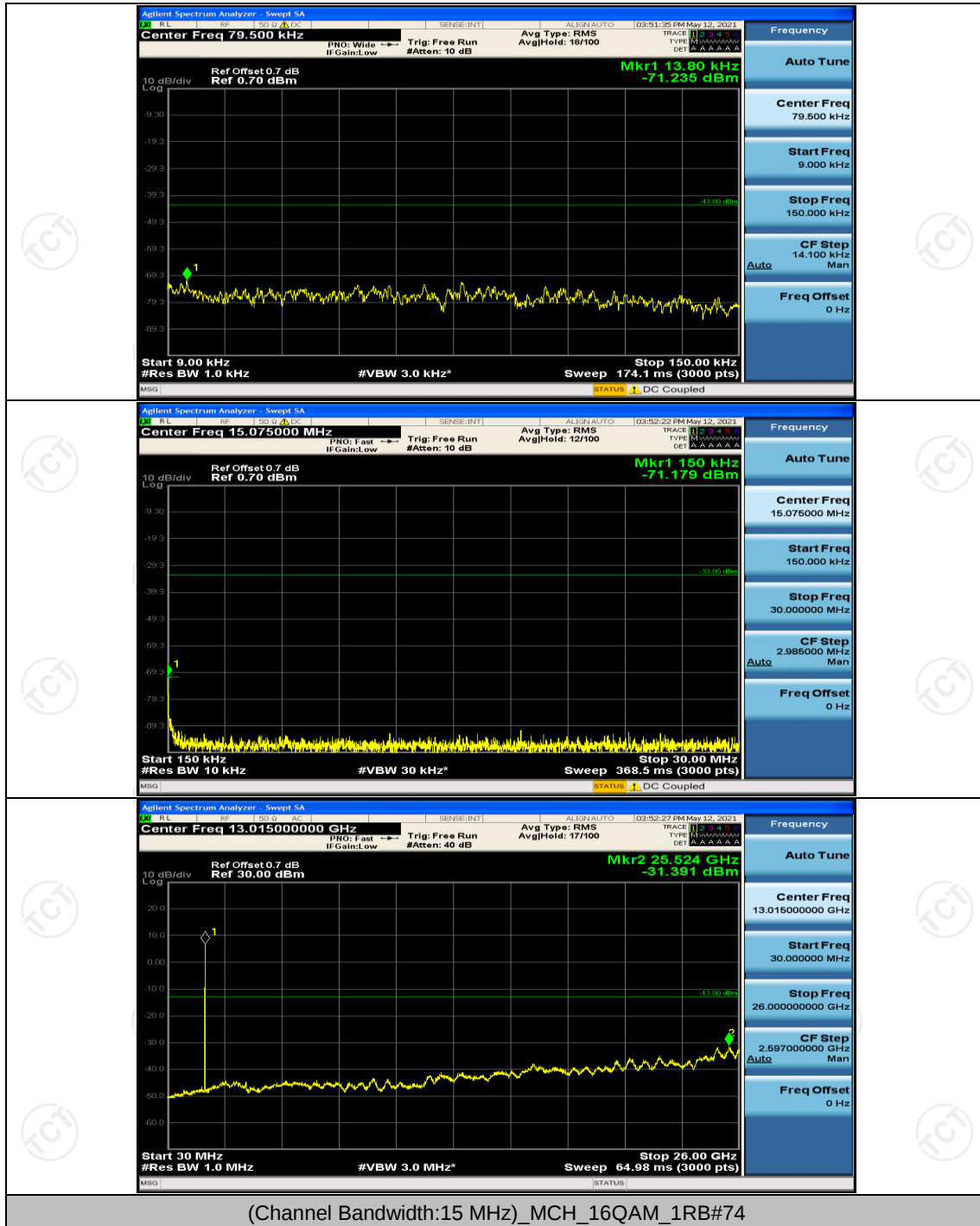
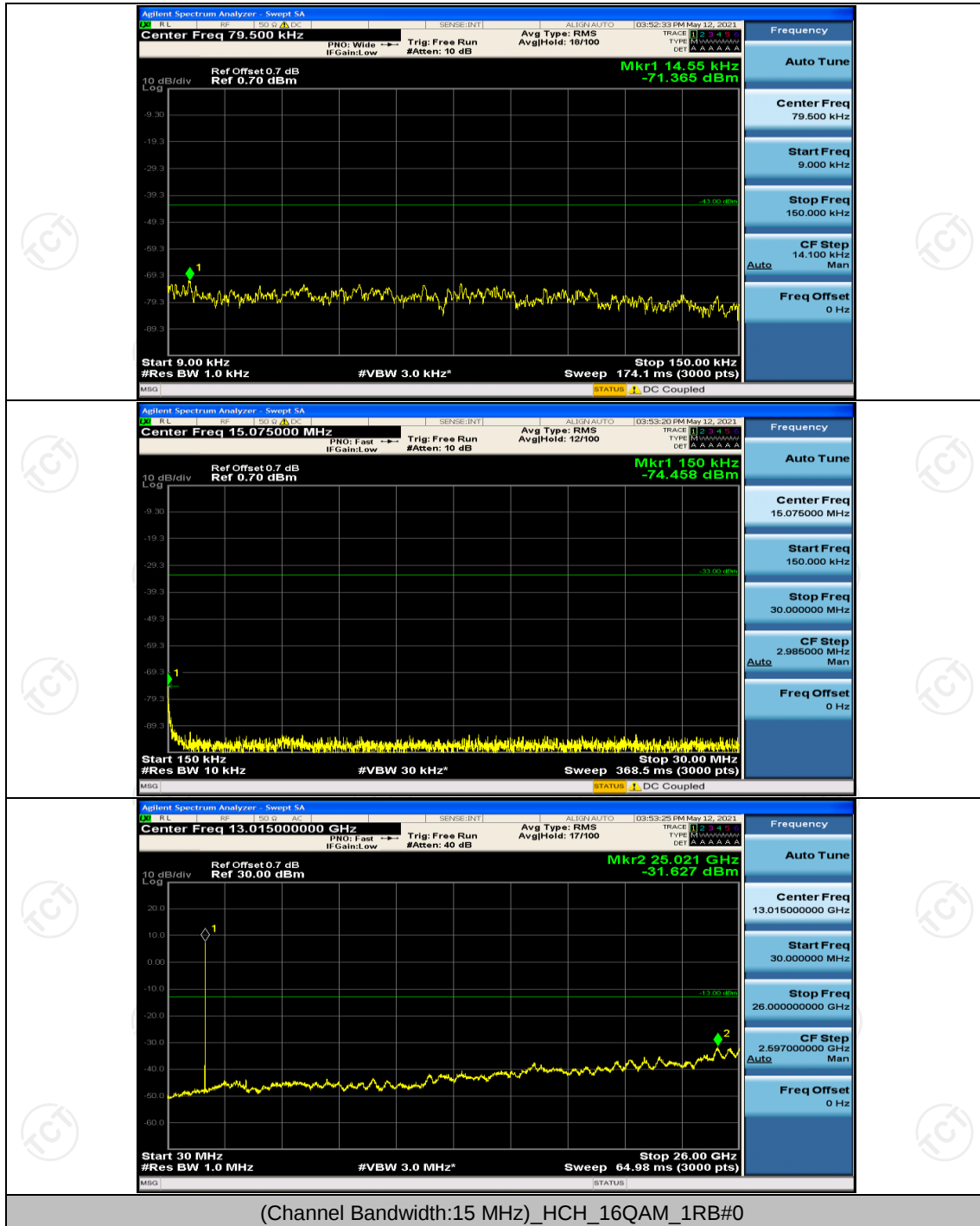


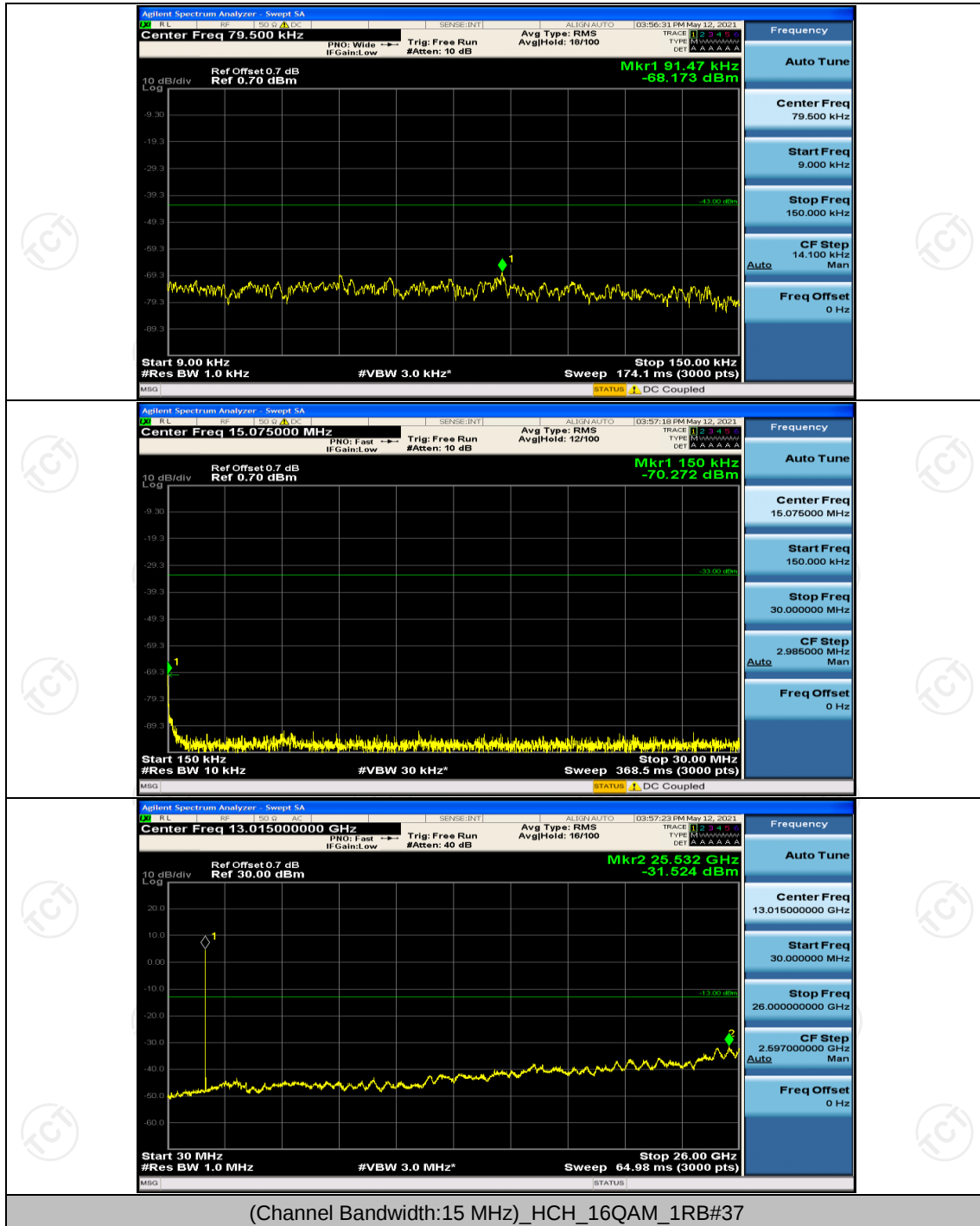


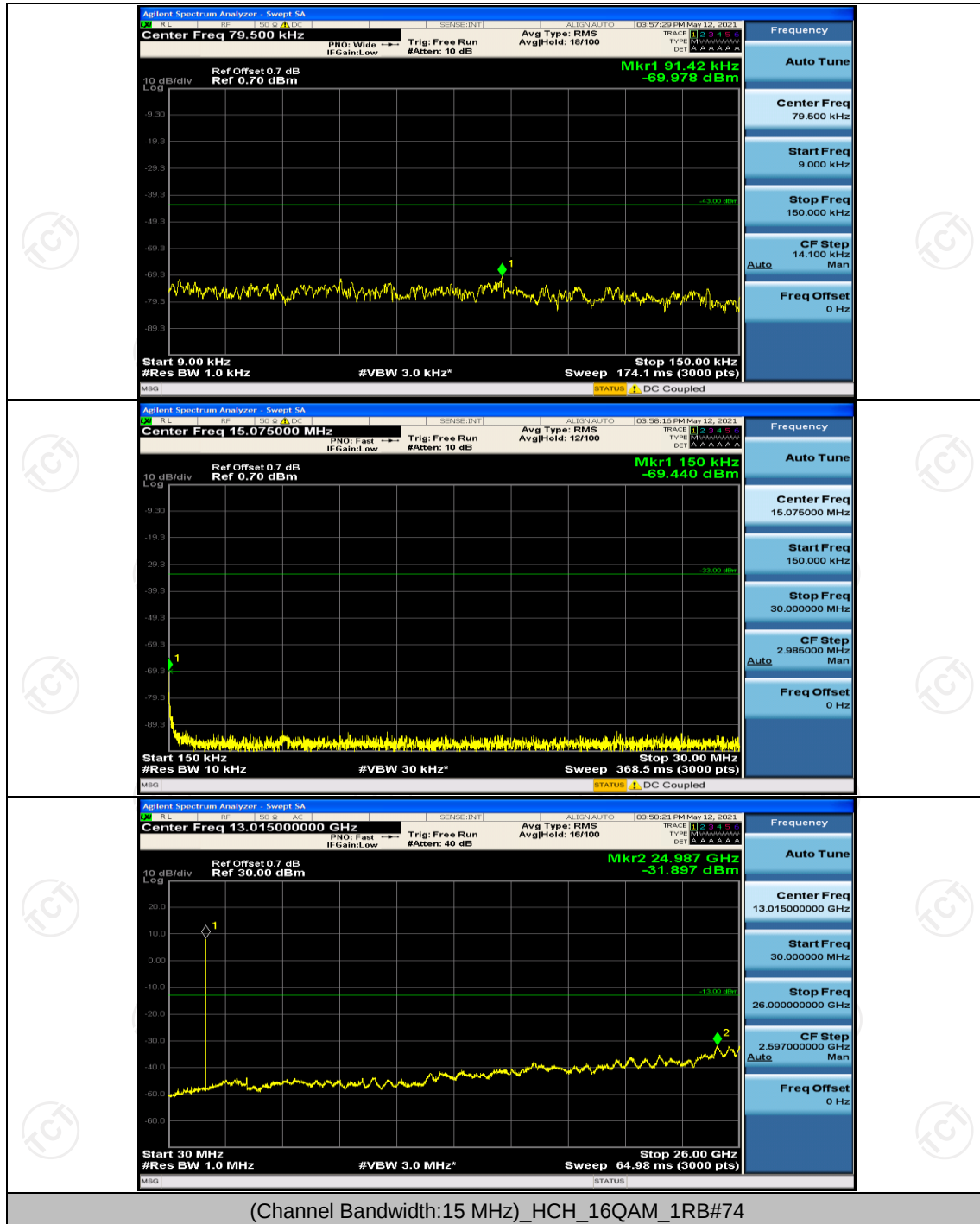


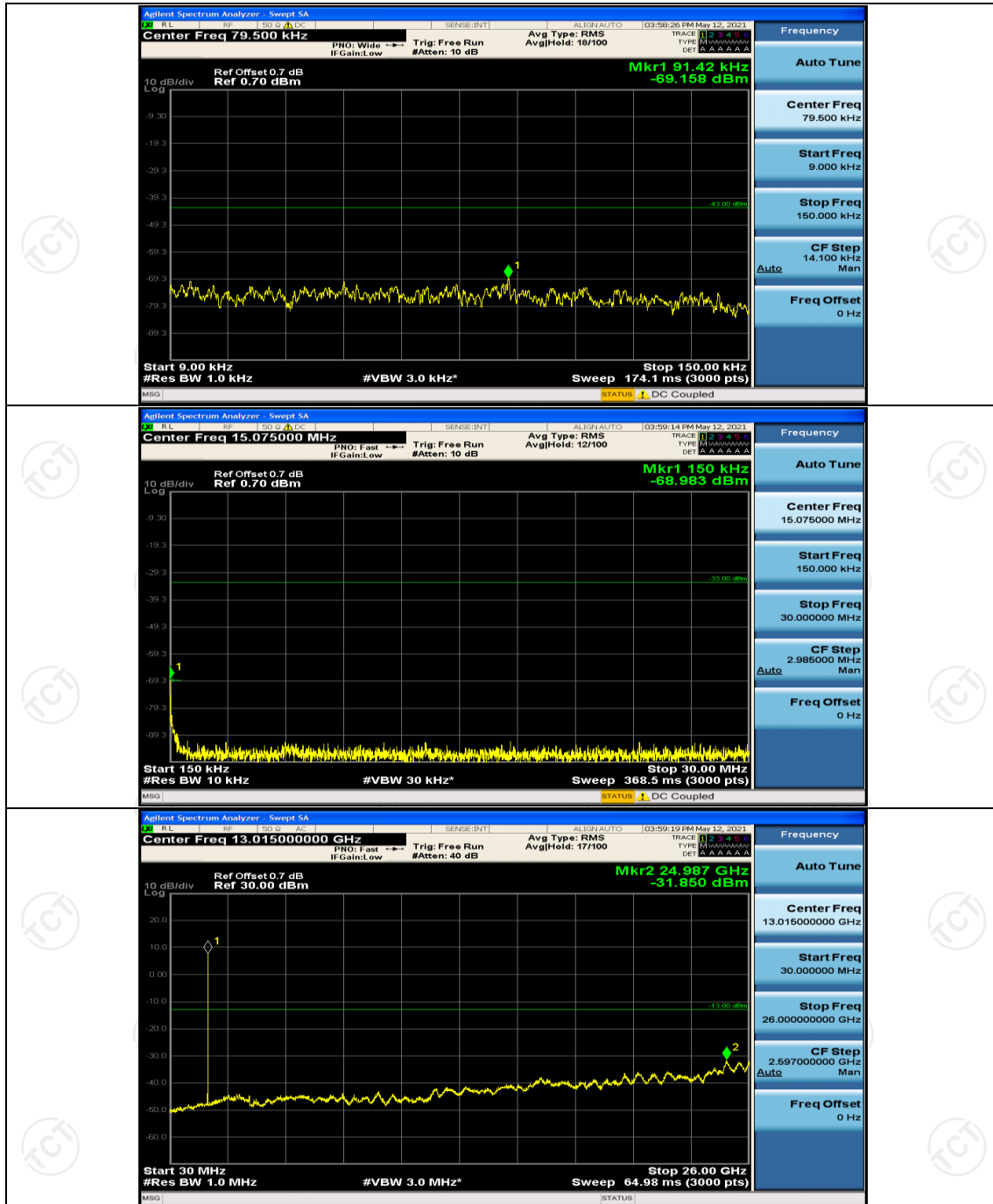






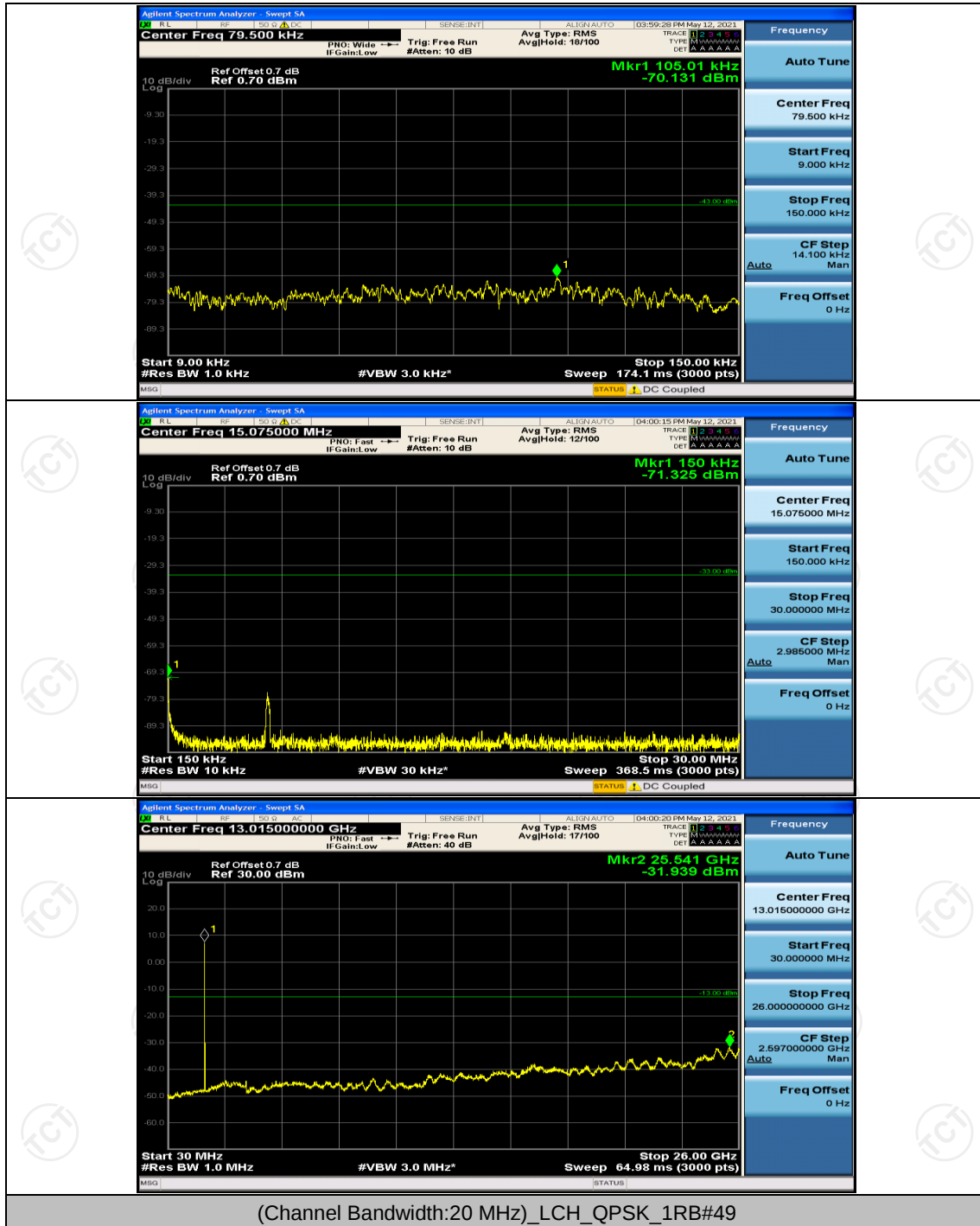


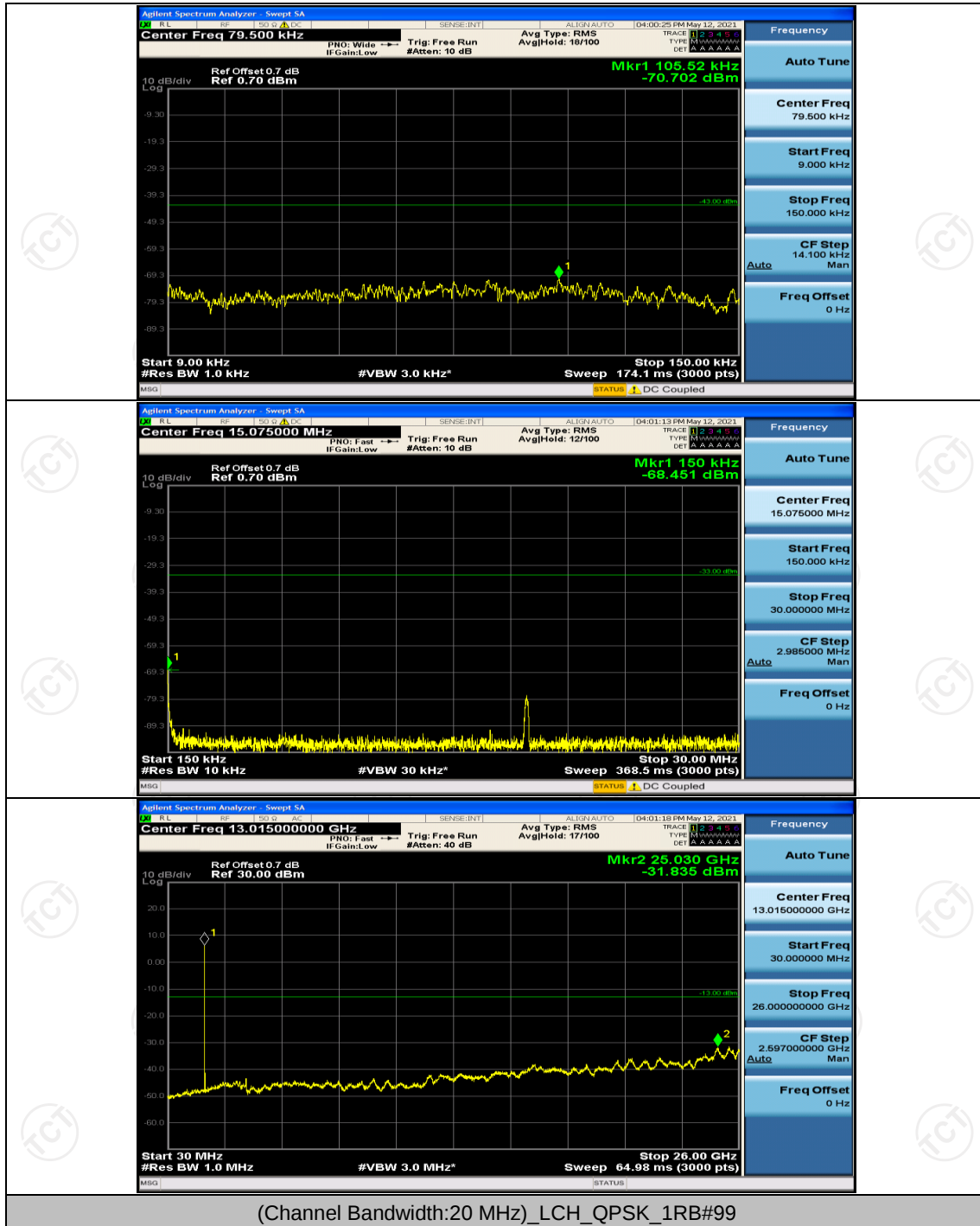


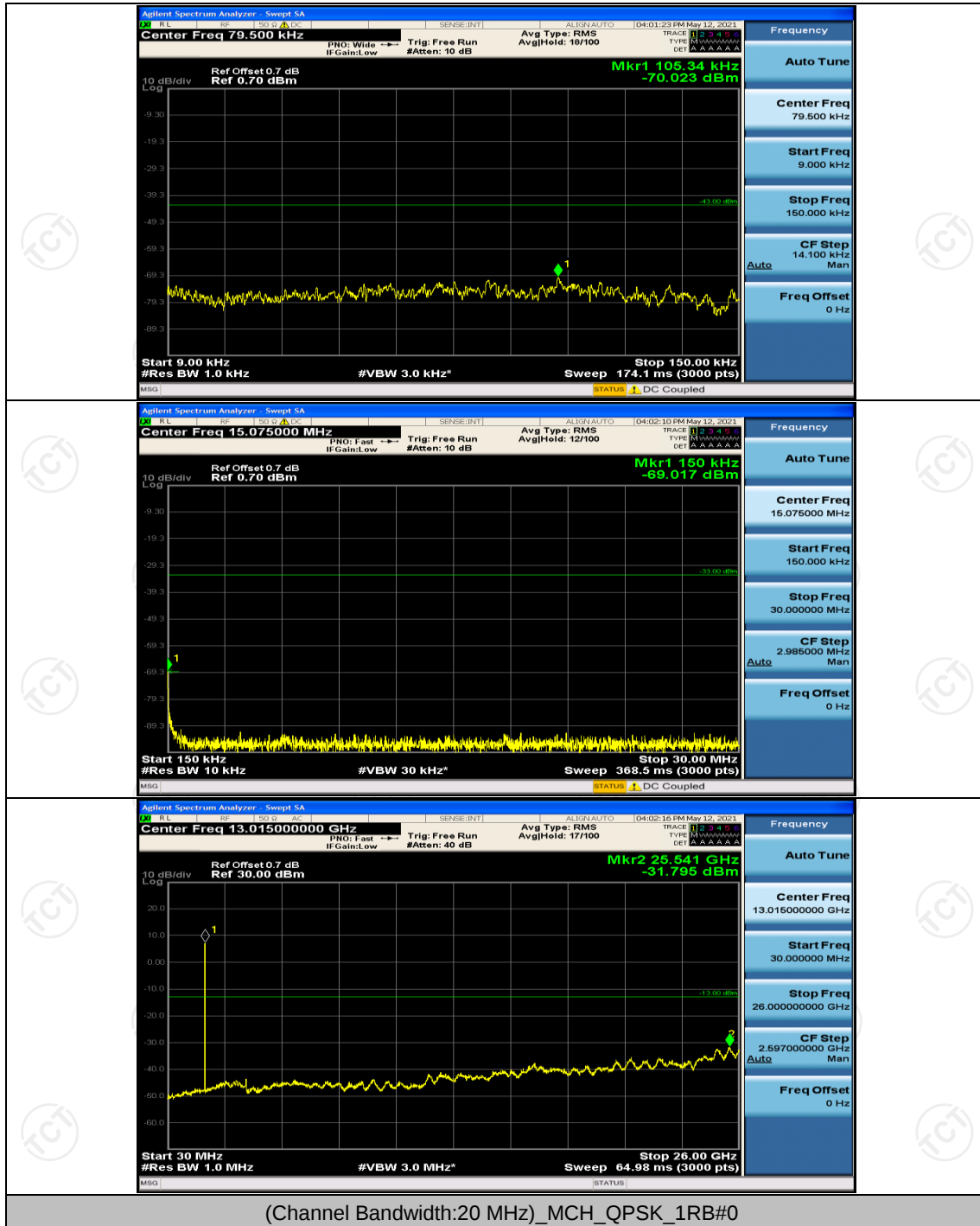


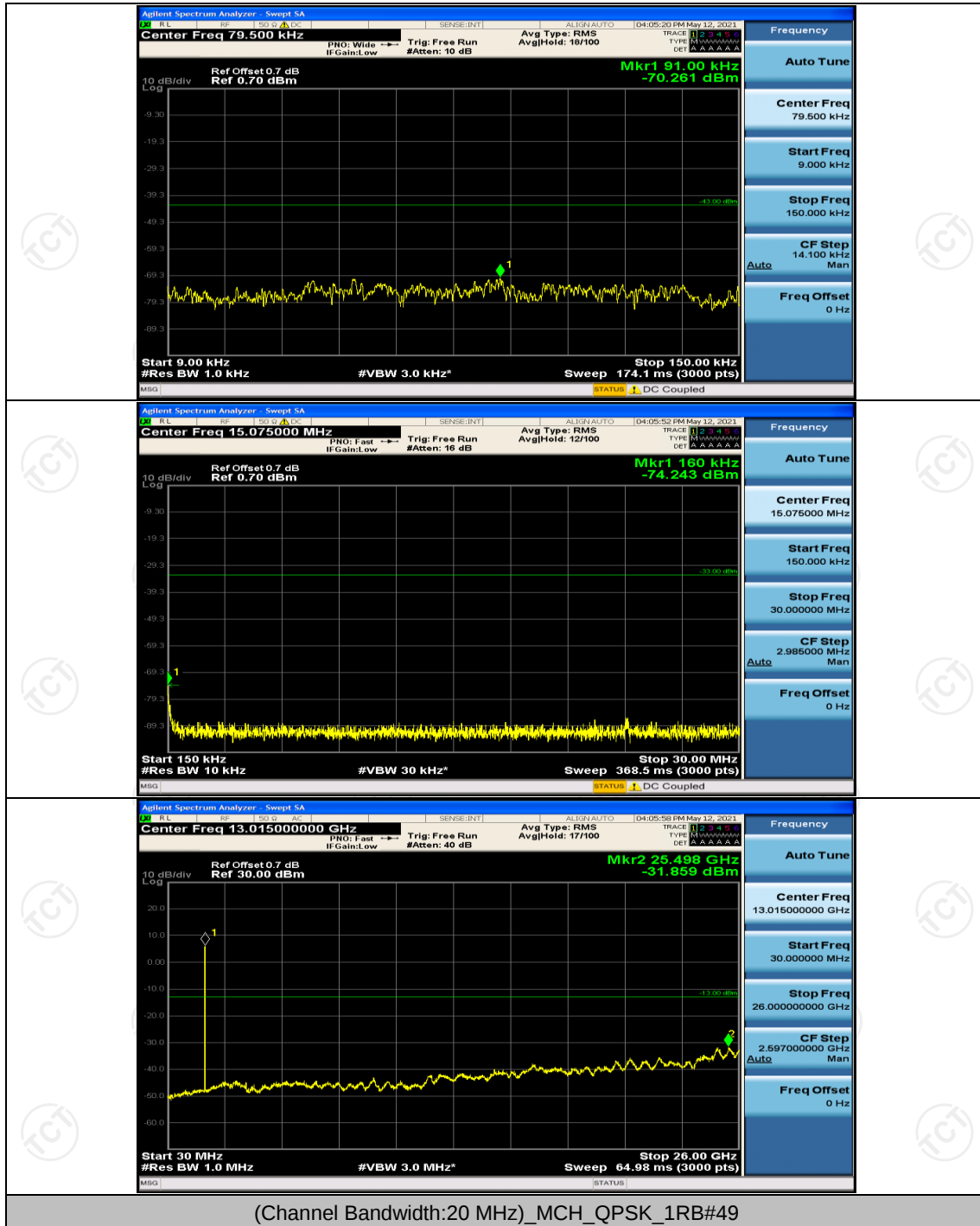
Channel Bandwidth: 20 MHz

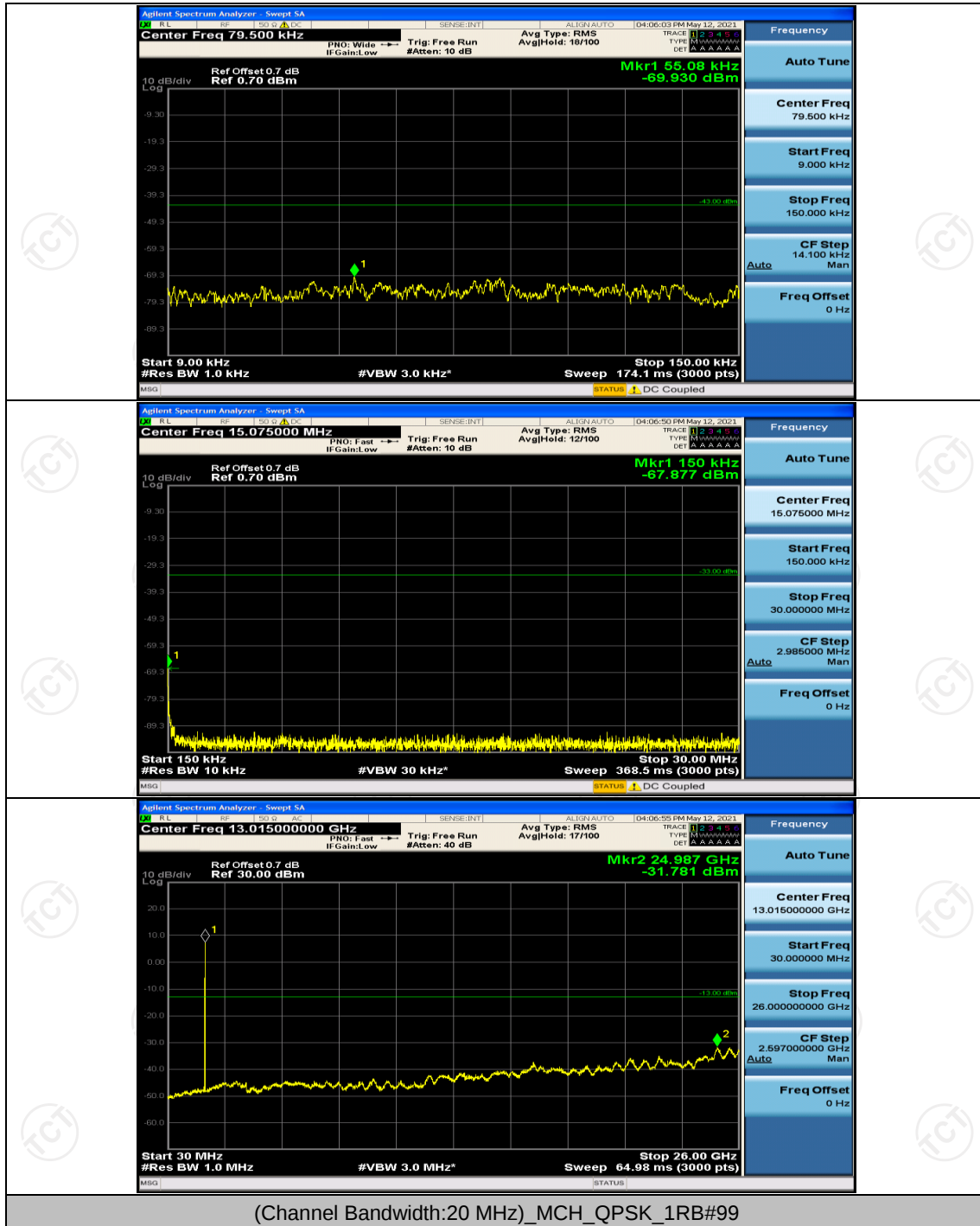
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0

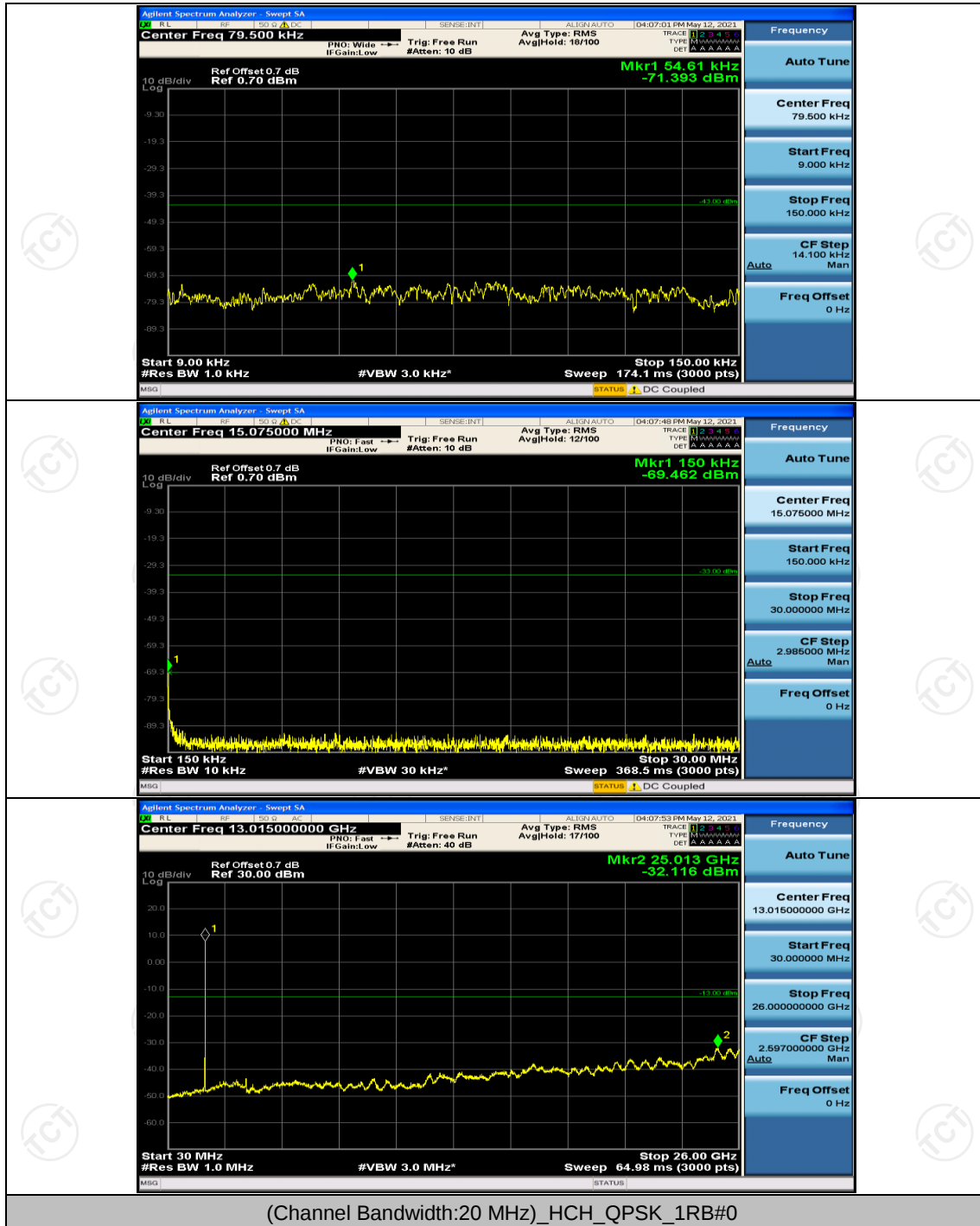


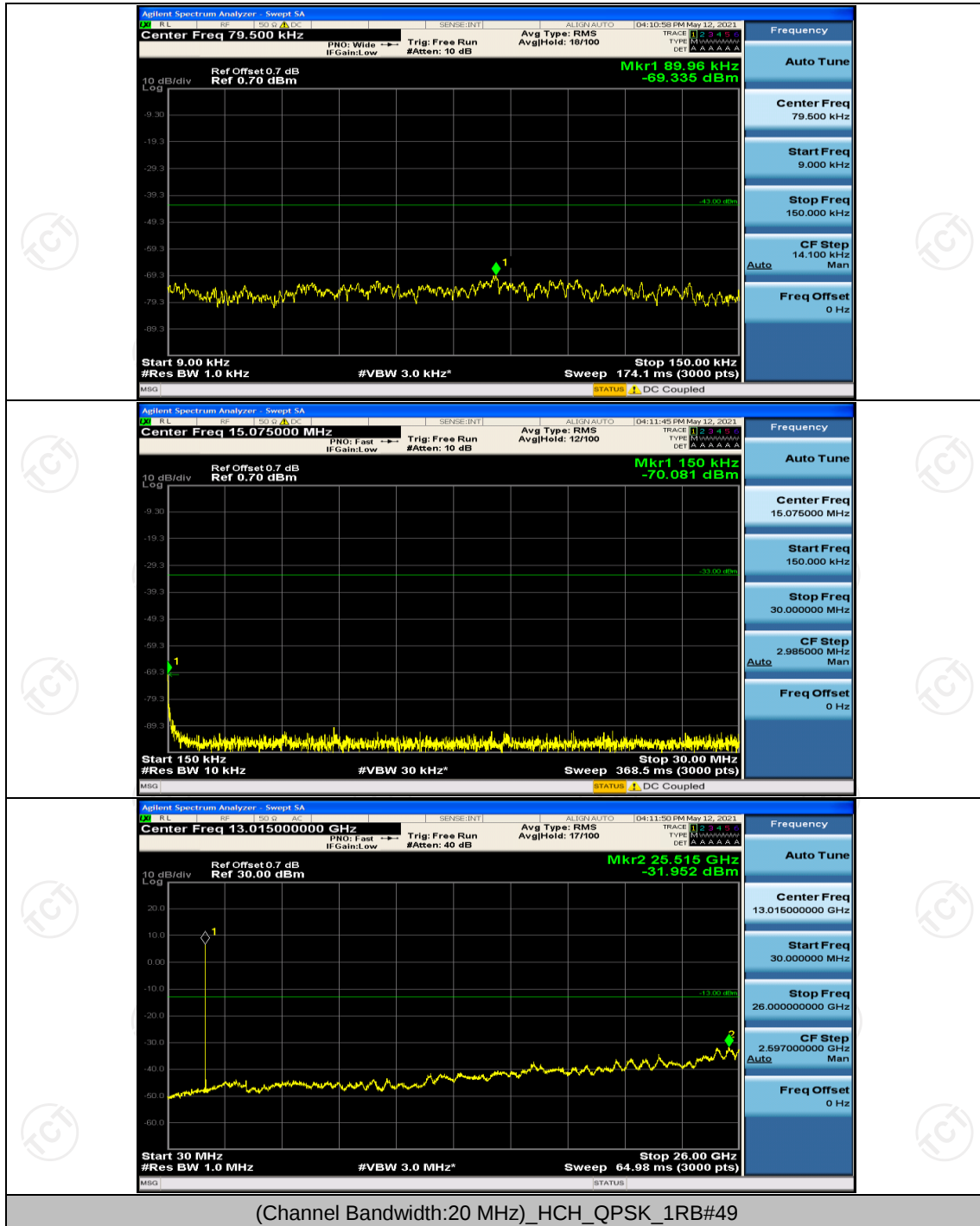


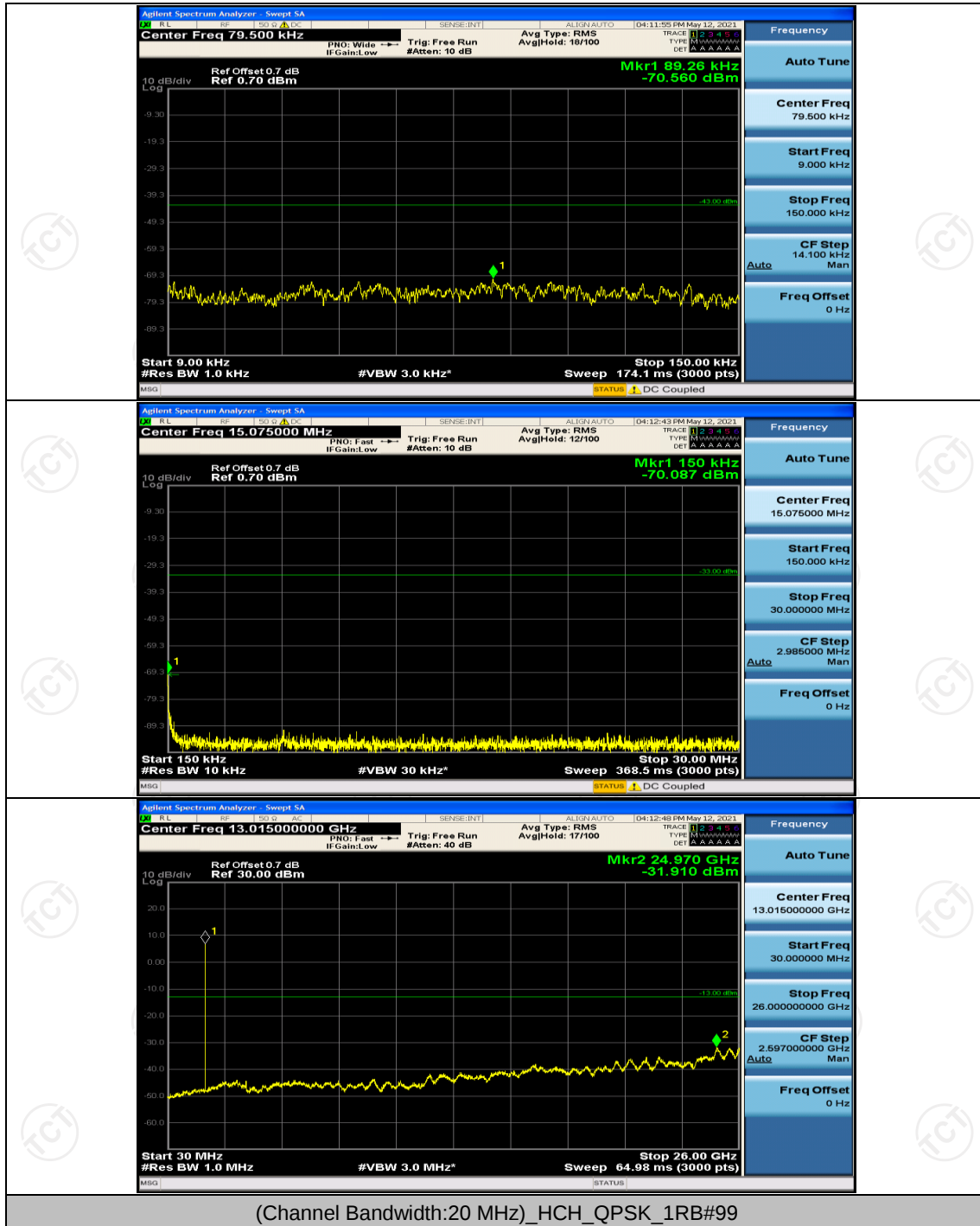


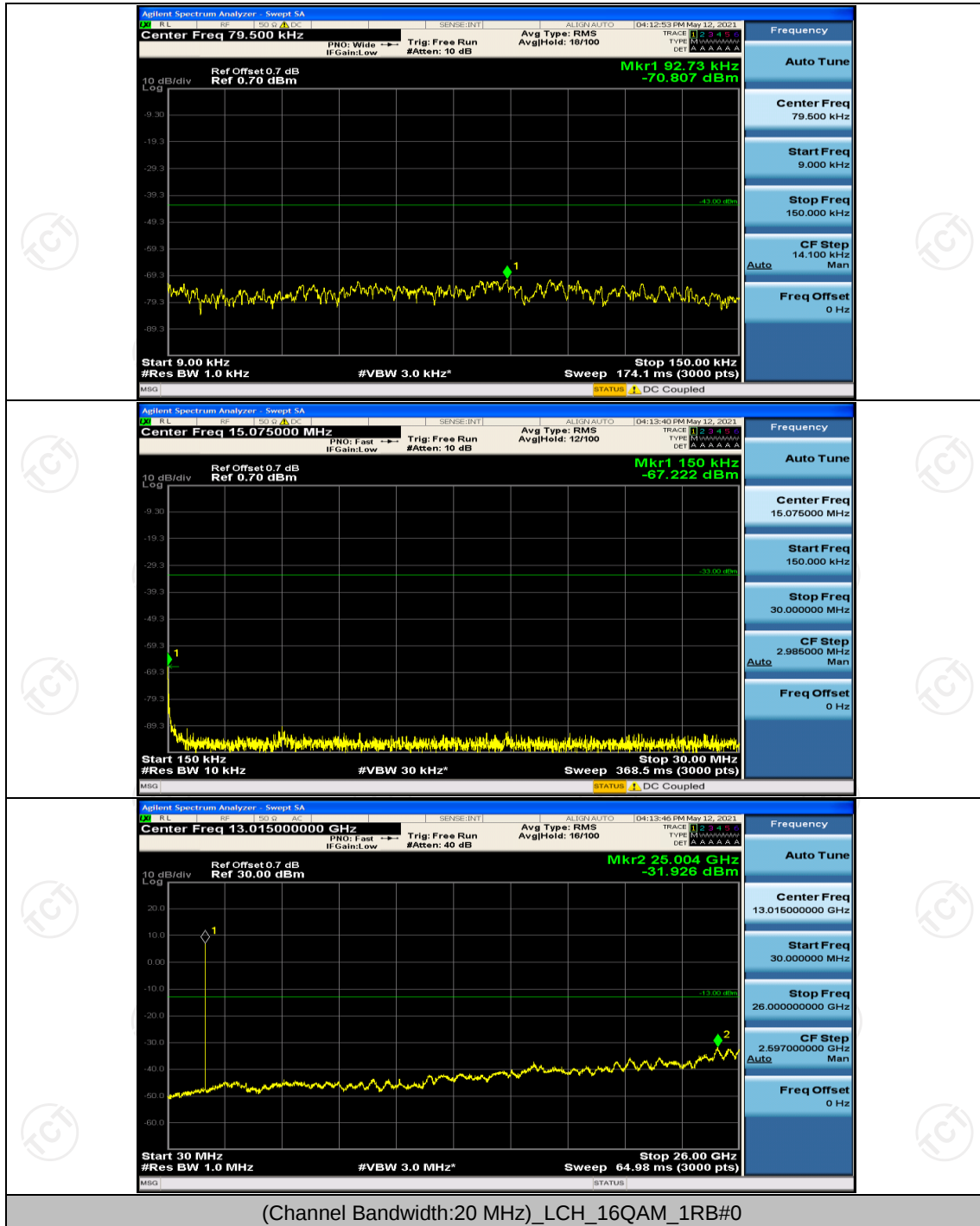


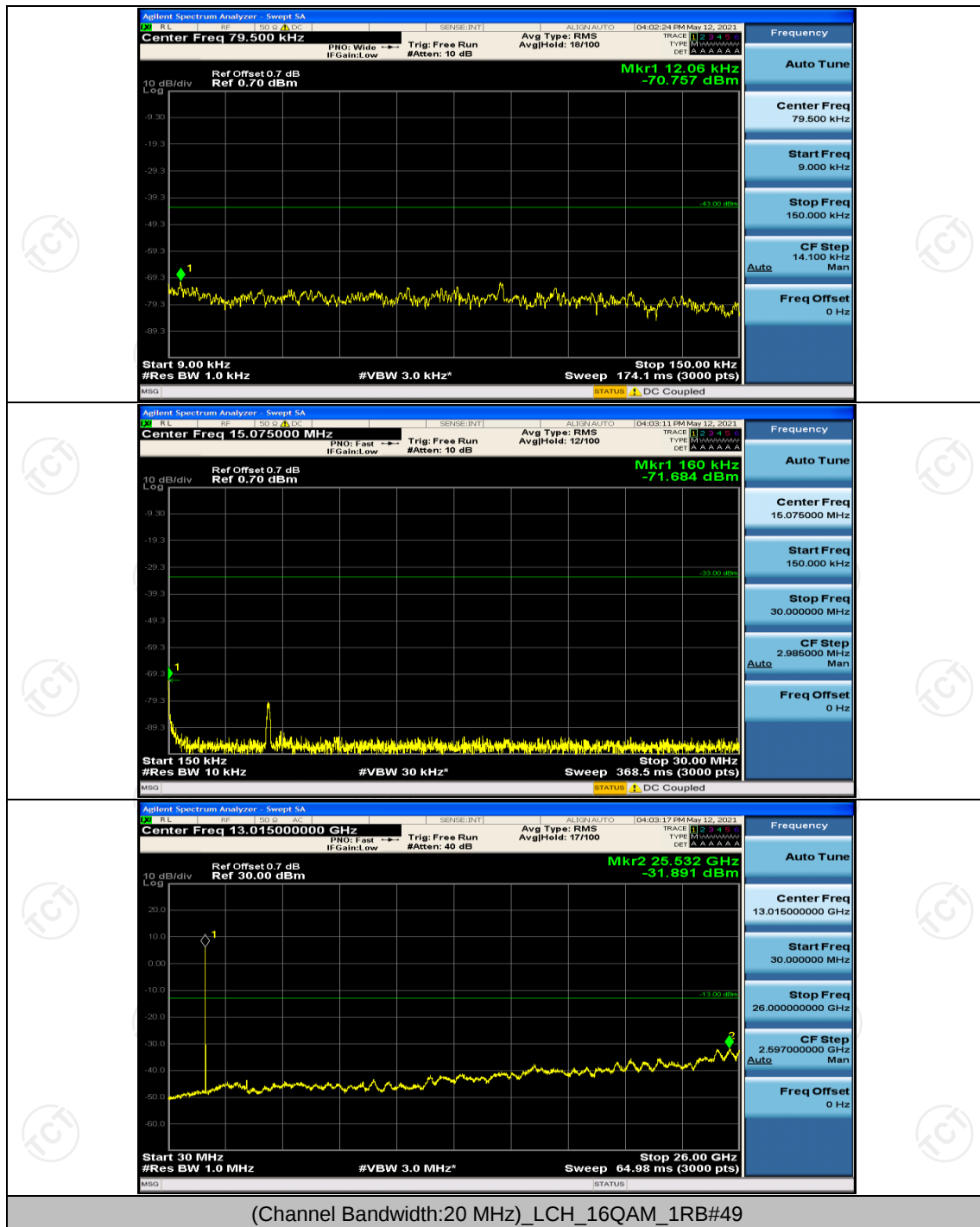


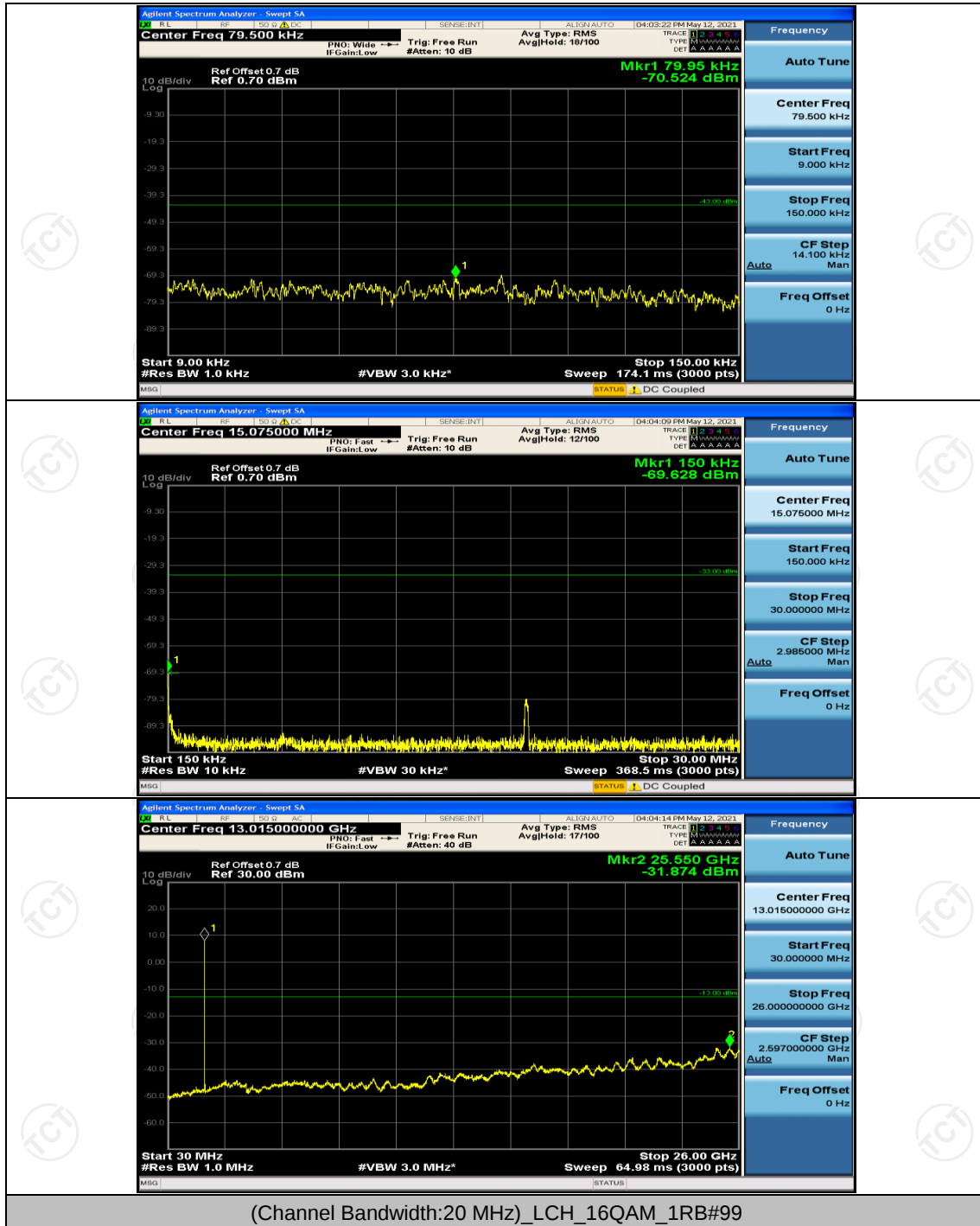


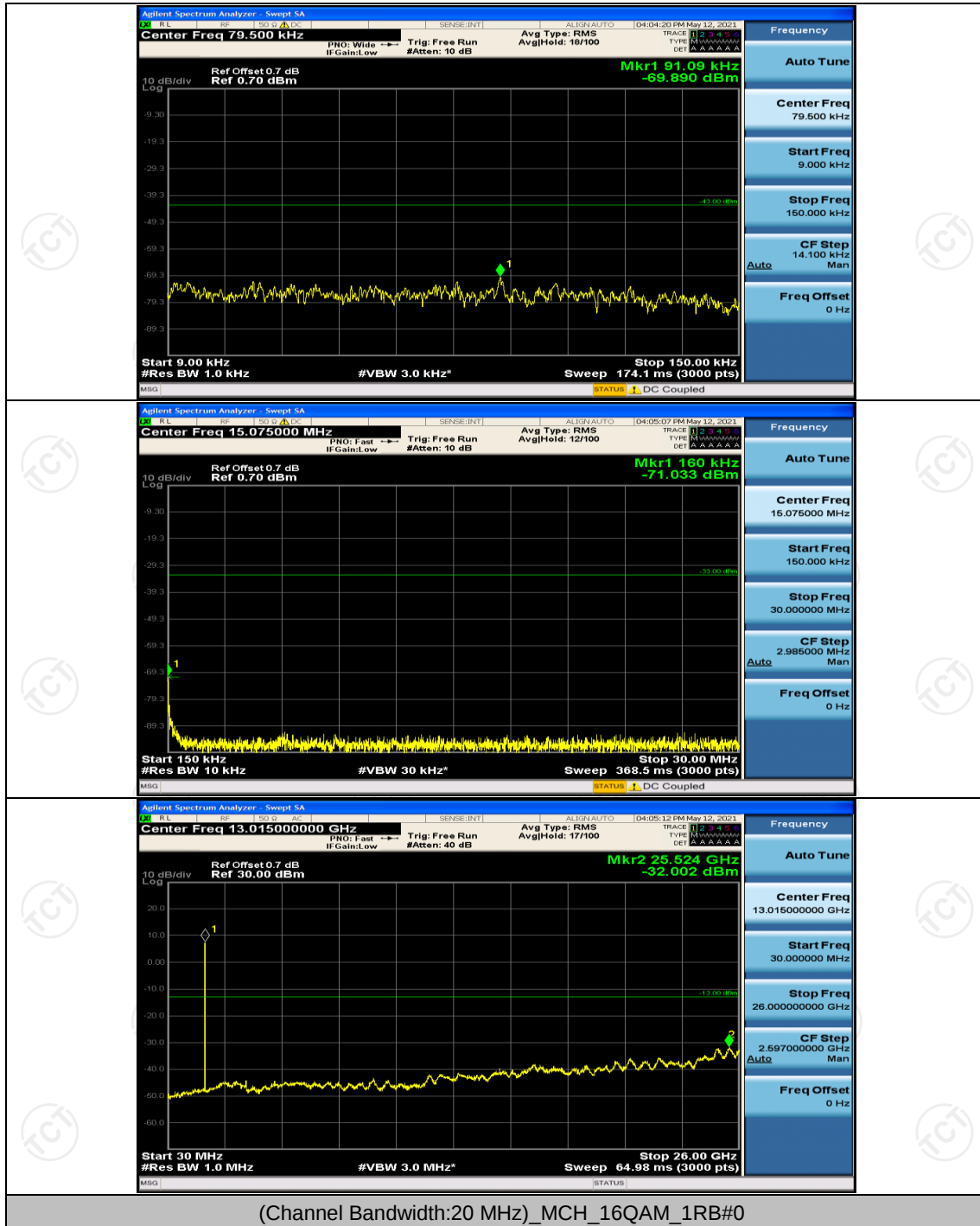


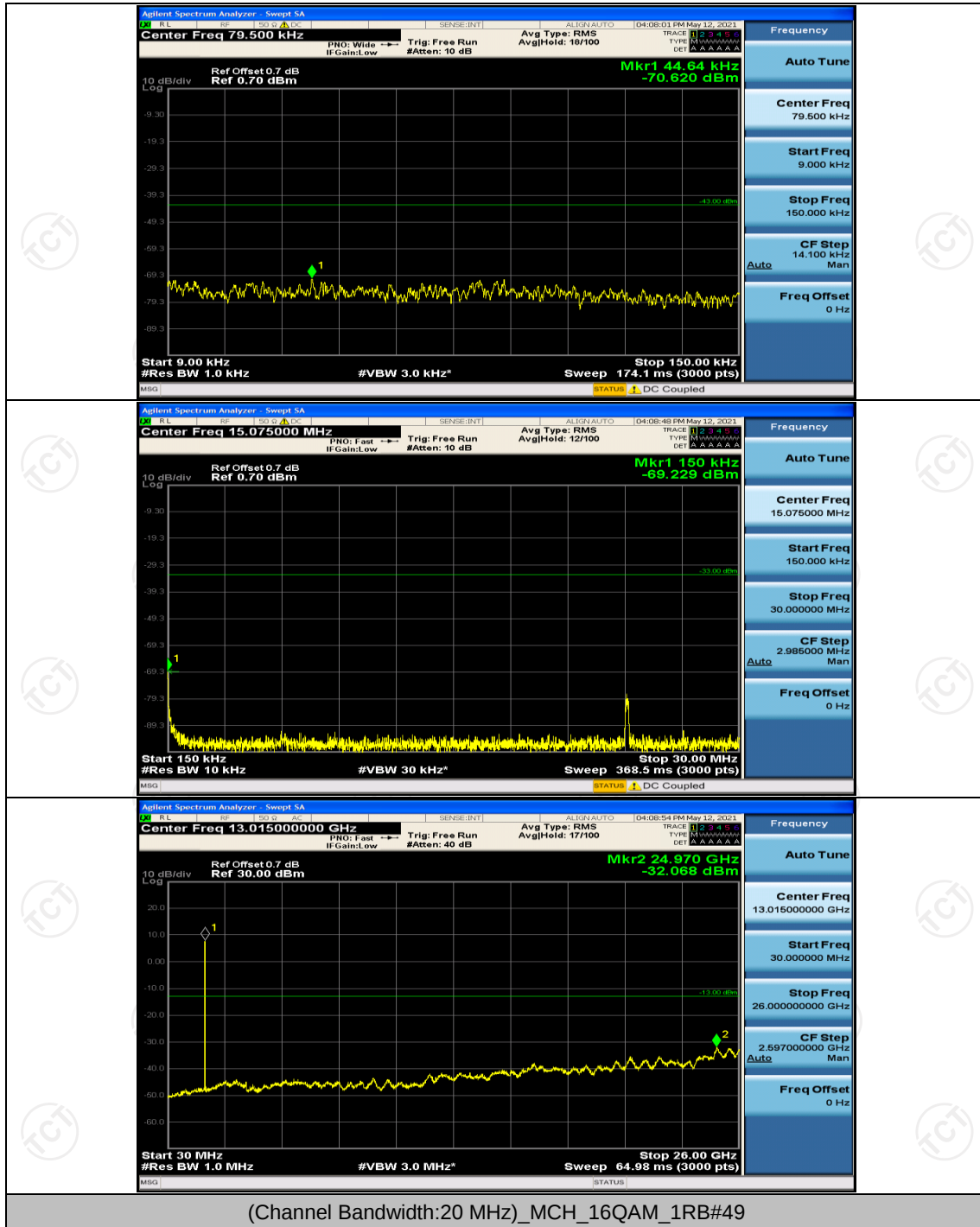


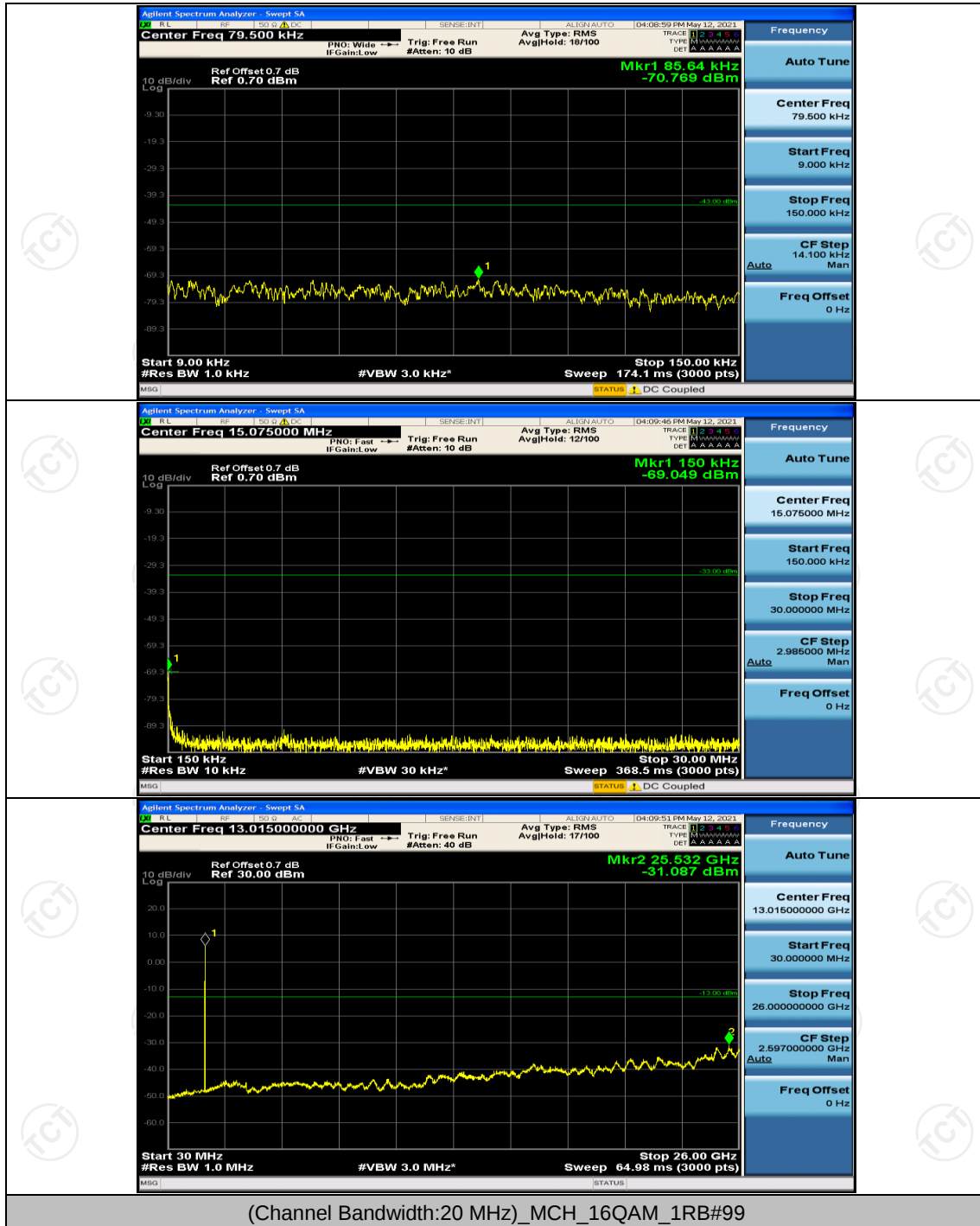


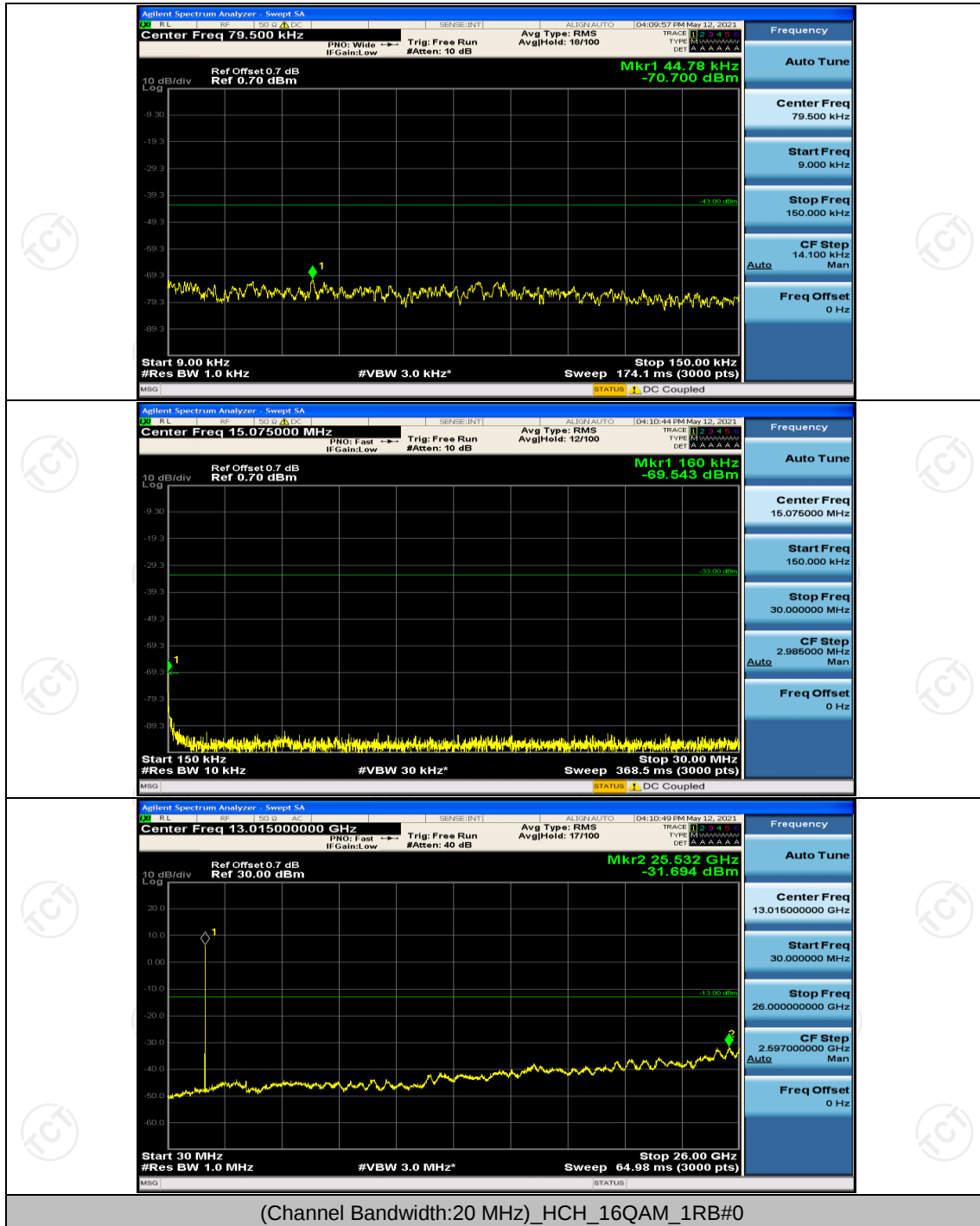


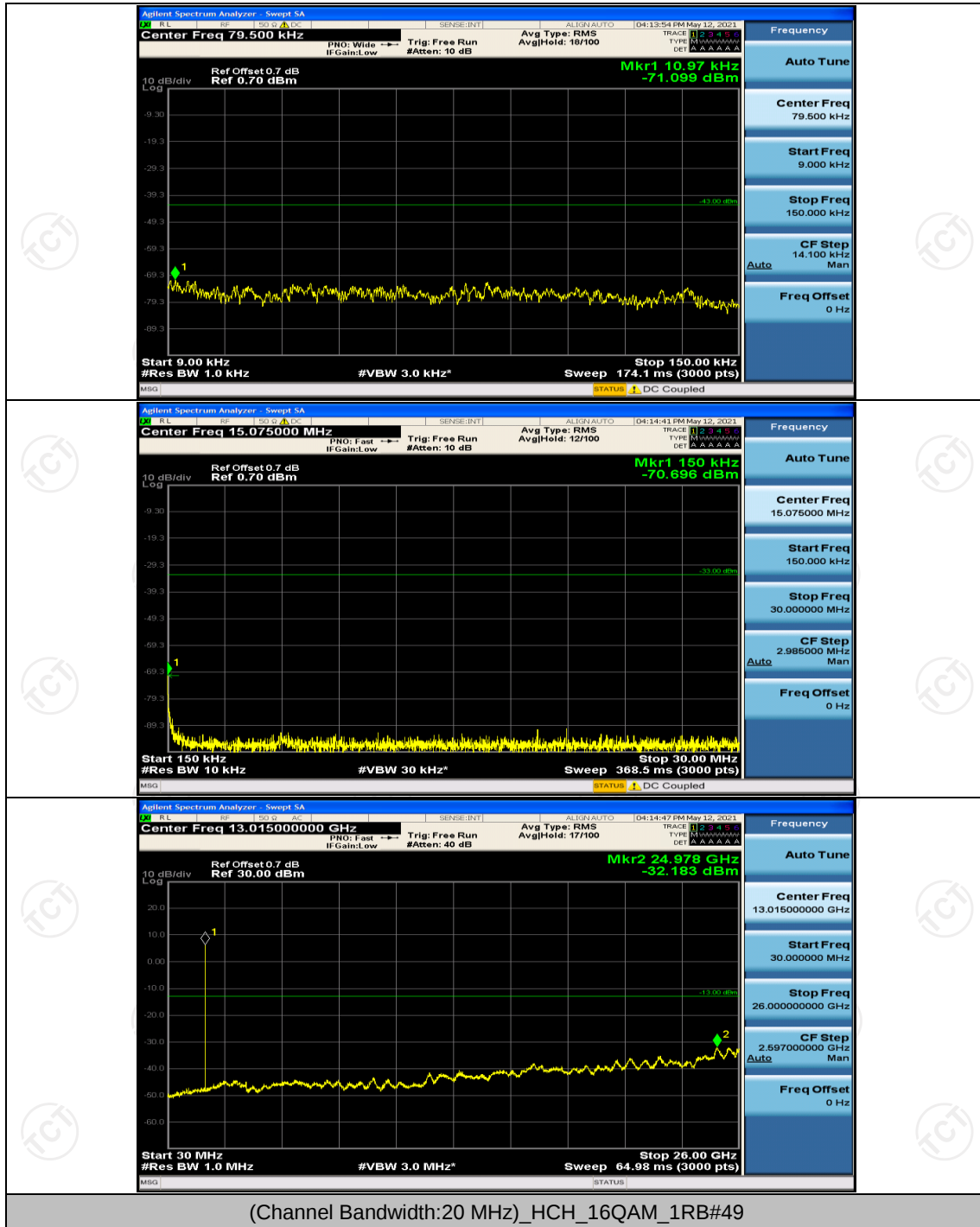


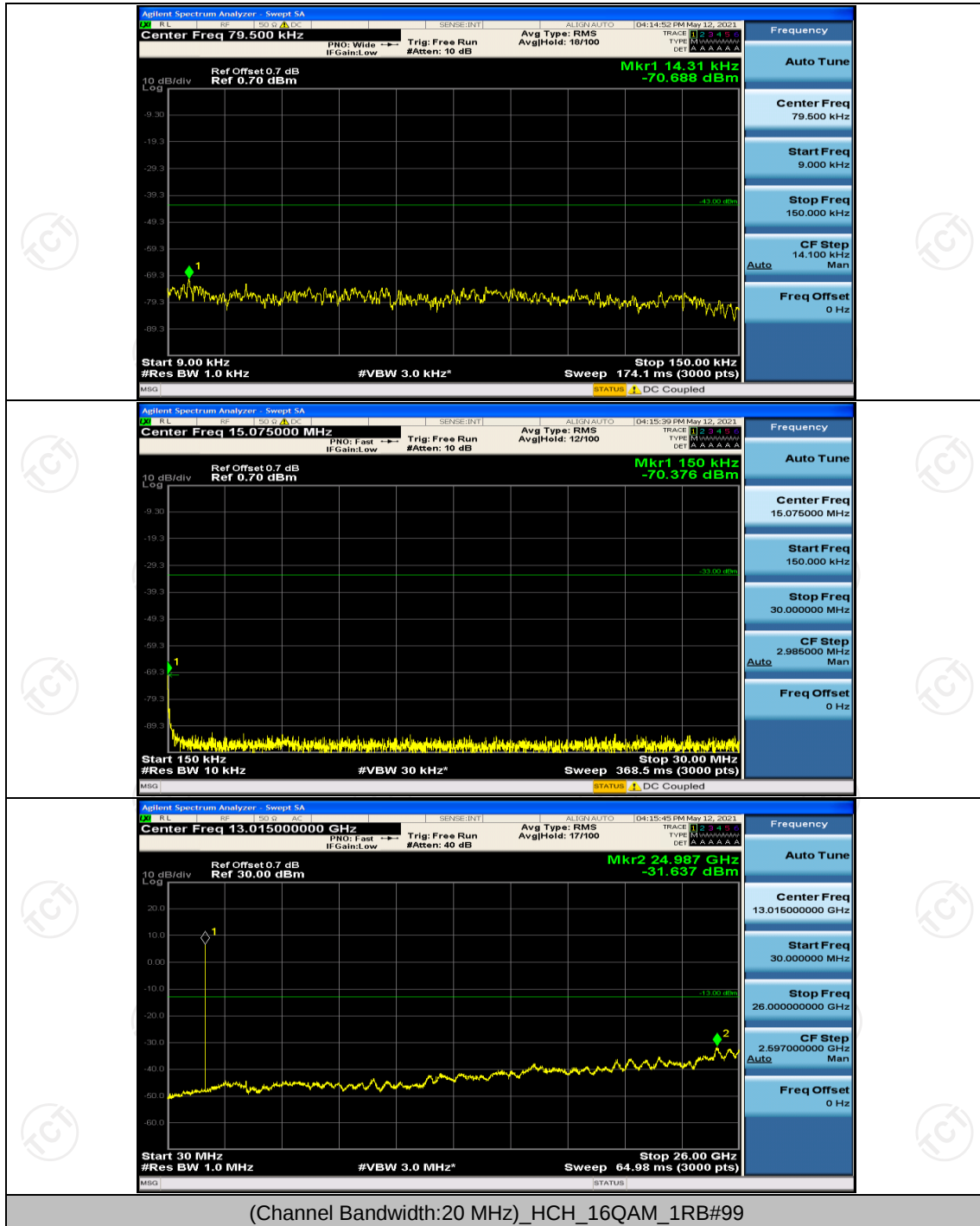


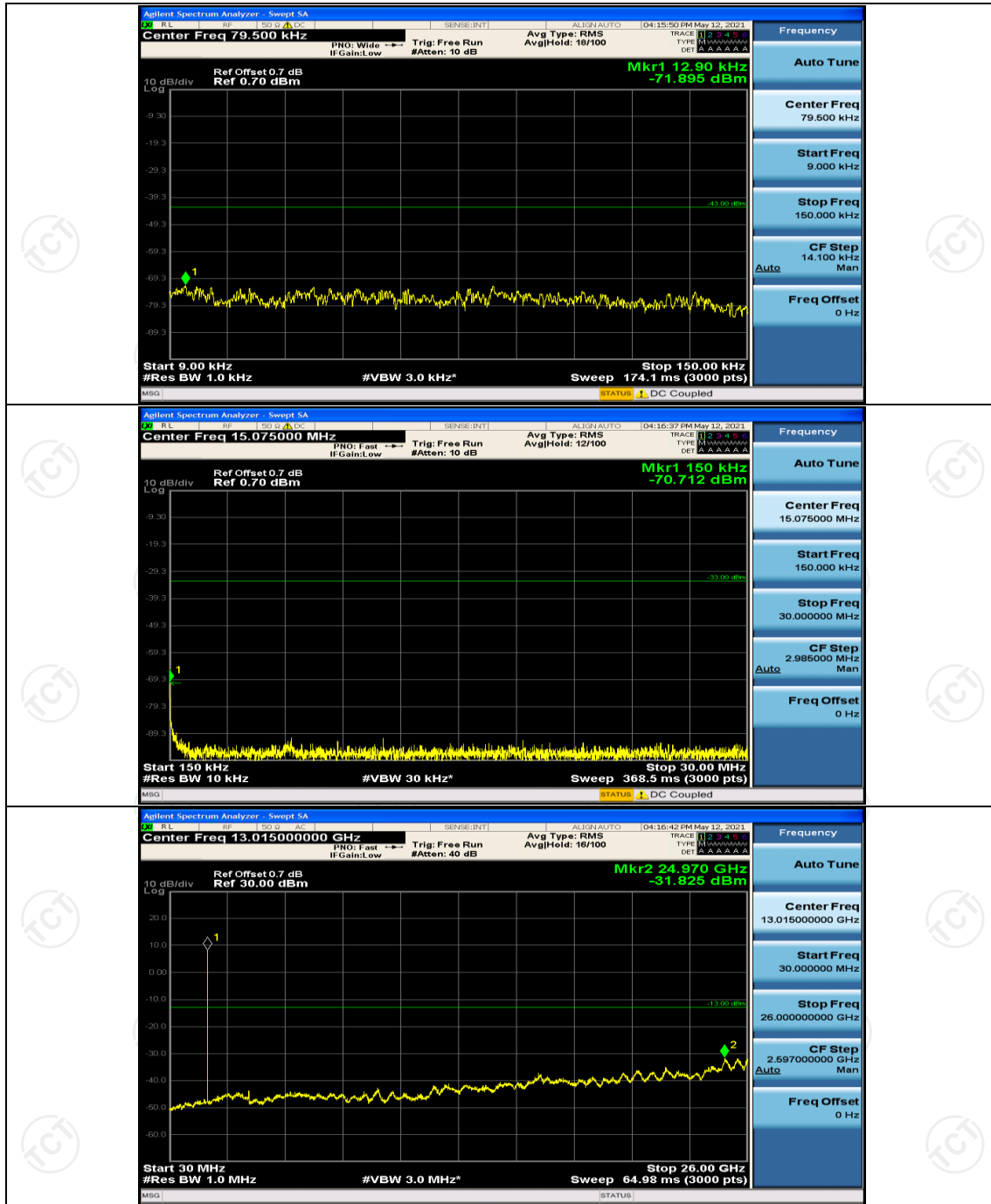












Appendix F: Frequency Stability

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	VL	TN	0.37	0.000217	± 2.5	PASS
		VN	TN	0.97	0.000569	± 2.5	PASS
		VH	TN	1.40	0.000799	± 2.5	PASS
	MCH	VL	TN	-0.26	-0.000149	± 2.5	PASS
		VN	TN	-1.30	-0.000751	± 2.5	PASS
		VH	TN	1.12	0.000636	± 2.5	PASS
	HCH	VL	TN	1.12	0.000636	± 2.5	PASS
		VN	TN	-2.06	-0.001174	± 2.5	PASS
		VH	TN	0.07	0.000042	± 2.5	PASS
16QAM	LCH	VL	TN	1.19	0.000694	± 2.5	PASS
		VN	TN	-0.20	-0.000117	± 2.5	PASS
		VH	TN	1.27	0.000744	± 2.5	PASS
	MCH	VL	TN	1.49	0.000848	± 2.5	PASS
		VN	TN	0.56	0.000322	± 2.5	PASS
		VH	TN	0.41	0.000239	± 2.5	PASS
	HCH	VL	TN	0.44	0.000256	± 2.5	PASS
		VN	TN	0.73	0.000421	± 2.5	PASS
		VH	TN	-1.39	-0.000801	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-3.56	-0.002033	± 2.5	PASS
		VN	-20	-0.72	-0.000418	± 2.5	PASS
		VN	-10	-0.89	-0.000518	± 2.5	PASS
		VN	0	-0.84	-0.000493	± 2.5	PASS
		VN	10	-1.95	-0.001137	± 2.5	PASS
		VN	20	1.93	0.001129	± 2.5	PASS
		VN	30	1.17	0.000686	± 2.5	PASS
		VN	40	0.49	0.000284	± 2.5	PASS
	MCH	VN	50	0.66	0.000385	± 2.5	PASS
		VN	-30	1.32	0.000751	± 2.5	PASS
		VN	-20	1.32	0.000751	± 2.5	PASS
		VN	-10	2.00	0.001142	± 2.5	PASS
		VN	0	1.29	0.000734	± 2.5	PASS
		VN	10	1.77	0.001024	± 2.5	PASS
		VN	20	-0.99	-0.000570	± 2.5	PASS
		VN	30	-1.03	-0.000594	± 2.5	PASS
VN	40	-0.50	-0.000289	± 2.5	PASS		

	HCH	VN	50	0.54	0.000314	± 2.5	PASS
		VN	-30	0.96	0.000553	± 2.5	PASS
		VN	-20	0.60	0.000347	± 2.5	PASS
		VN	-10	1.46	0.000842	± 2.5	PASS
		VN	0	1.20	0.000694	± 2.5	PASS
		VN	10	1.47	0.000850	± 2.5	PASS
		VN	20	-3.29	-0.001875	± 2.5	PASS
		VN	30	-3.36	-0.001916	± 2.5	PASS
		VN	40	-1.60	-0.000913	± 2.5	PASS
		VN	50	-3.42	-0.001949	± 2.5	PASS
16QAM	LCH	VN	-30	1.49	0.000869	± 2.5	PASS
		VN	-20	1.73	0.001011	± 2.5	PASS
		VN	-10	0.90	0.000514	± 2.5	PASS
		VN	0	0.57	0.000326	± 2.5	PASS
		VN	10	0.79	0.000449	± 2.5	PASS
		VN	20	1.23	0.000719	± 2.5	PASS
		VN	30	2.30	0.001346	± 2.5	PASS
		VN	40	1.06	0.000619	± 2.5	PASS
		VN	50	1.89	0.001104	± 2.5	PASS
	MCH	VN	-30	0.92	0.000535	± 2.5	PASS
		VN	-20	-0.43	-0.000248	± 2.5	PASS
		VN	-10	1.62	0.000933	± 2.5	PASS
		VN	0	1.34	0.000776	± 2.5	PASS
		VN	10	0.23	0.000132	± 2.5	PASS
		VN	20	-0.72	-0.000413	± 2.5	PASS
		VN	30	-0.36	-0.000206	± 2.5	PASS
		VN	40	0.20	0.000116	± 2.5	PASS
		VN	50	-0.56	-0.000322	± 2.5	PASS
	HCH	VN	-30	2.09	0.001220	± 2.5	PASS
		VN	-20	0.41	0.000239	± 2.5	PASS
		VN	-10	0.44	0.000256	± 2.5	PASS
		VN	0	0.73	0.000421	± 2.5	PASS
		VN	10	-1.39	-0.000801	± 2.5	PASS
		VN	20	-3.22	-0.001835	± 2.5	PASS
		VN	30	-0.14	-0.000082	± 2.5	PASS
		VN	40	-1.75	-0.000995	± 2.5	PASS
		VN	50	-3.42	-0.001949	± 2.5	PASS