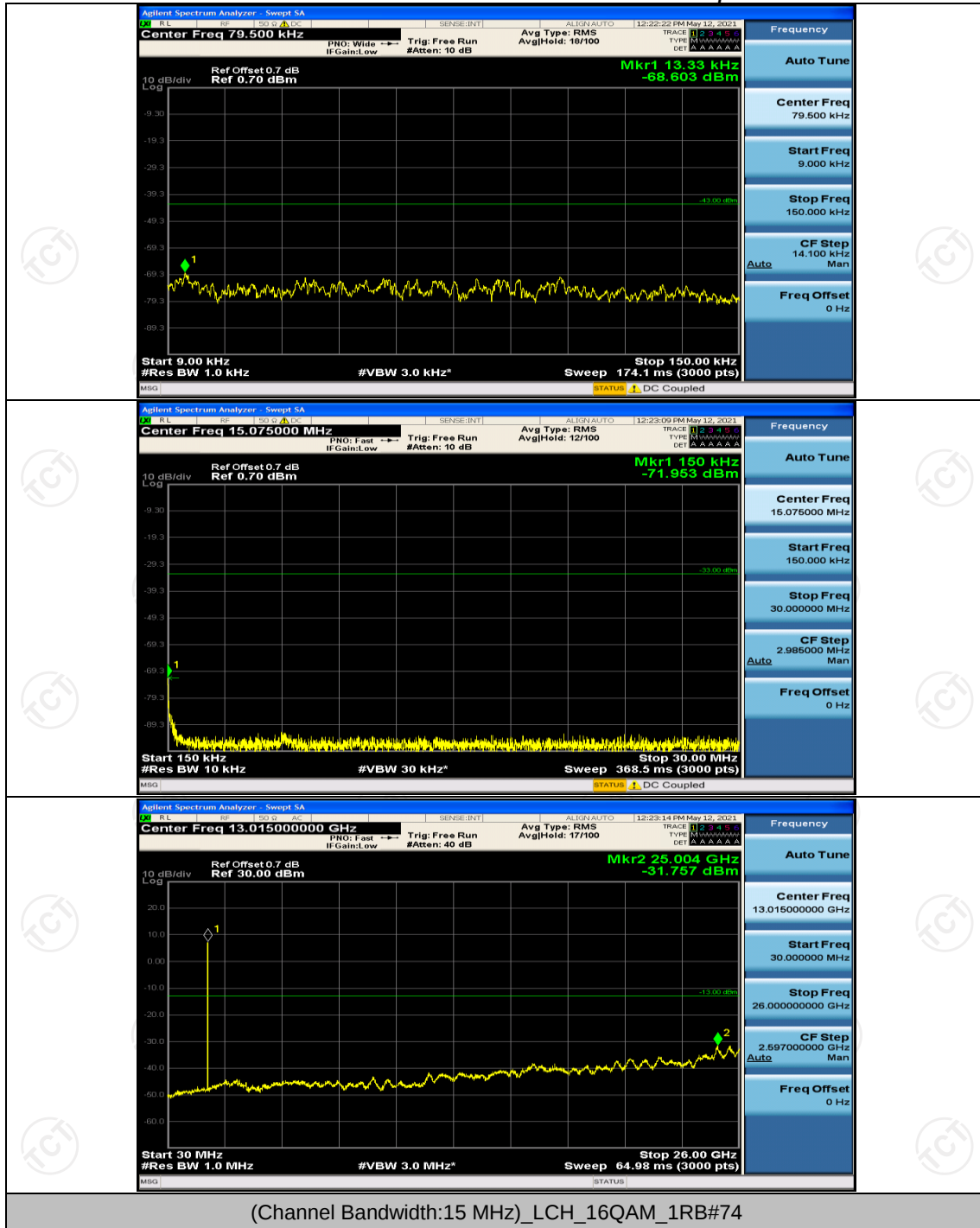
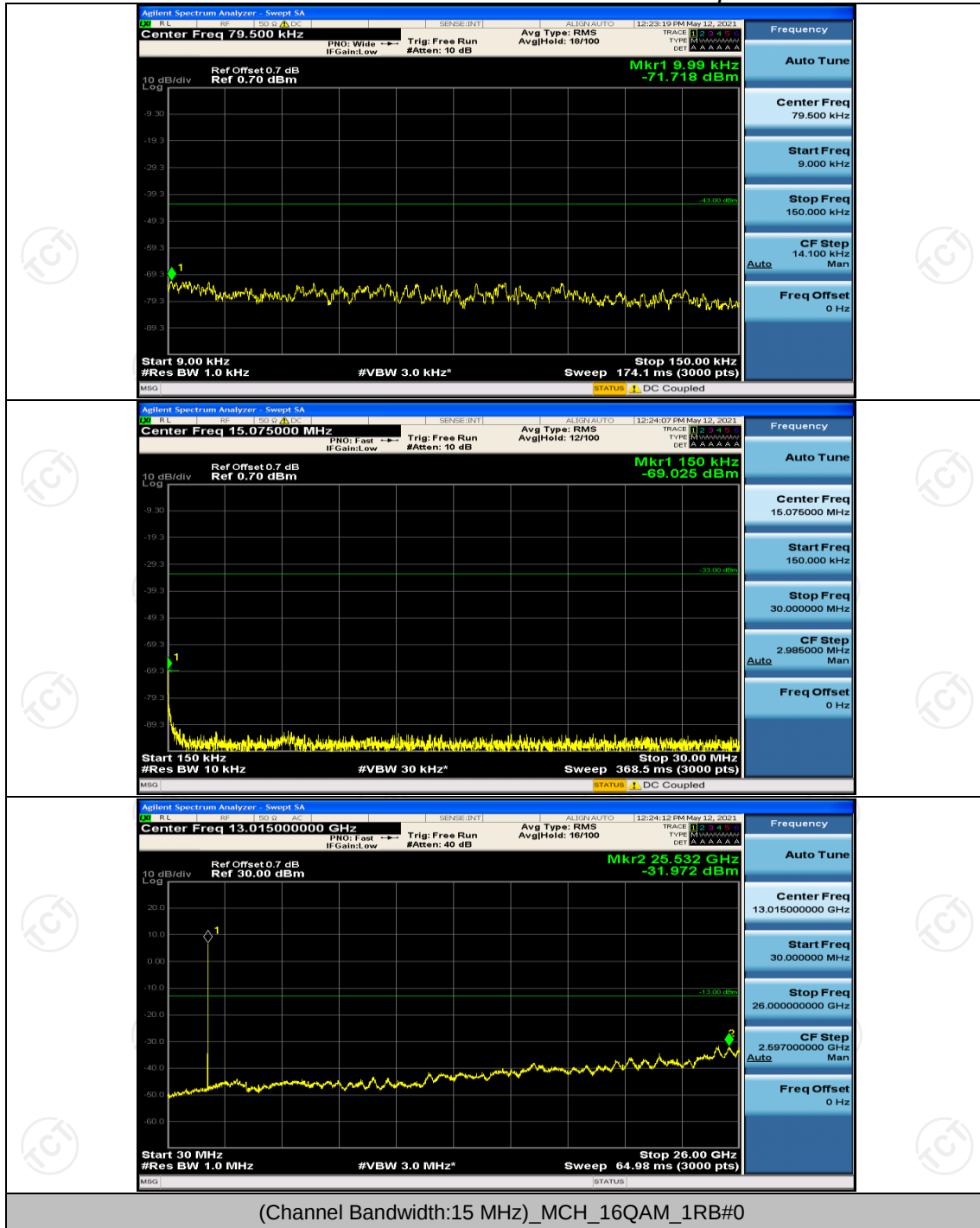
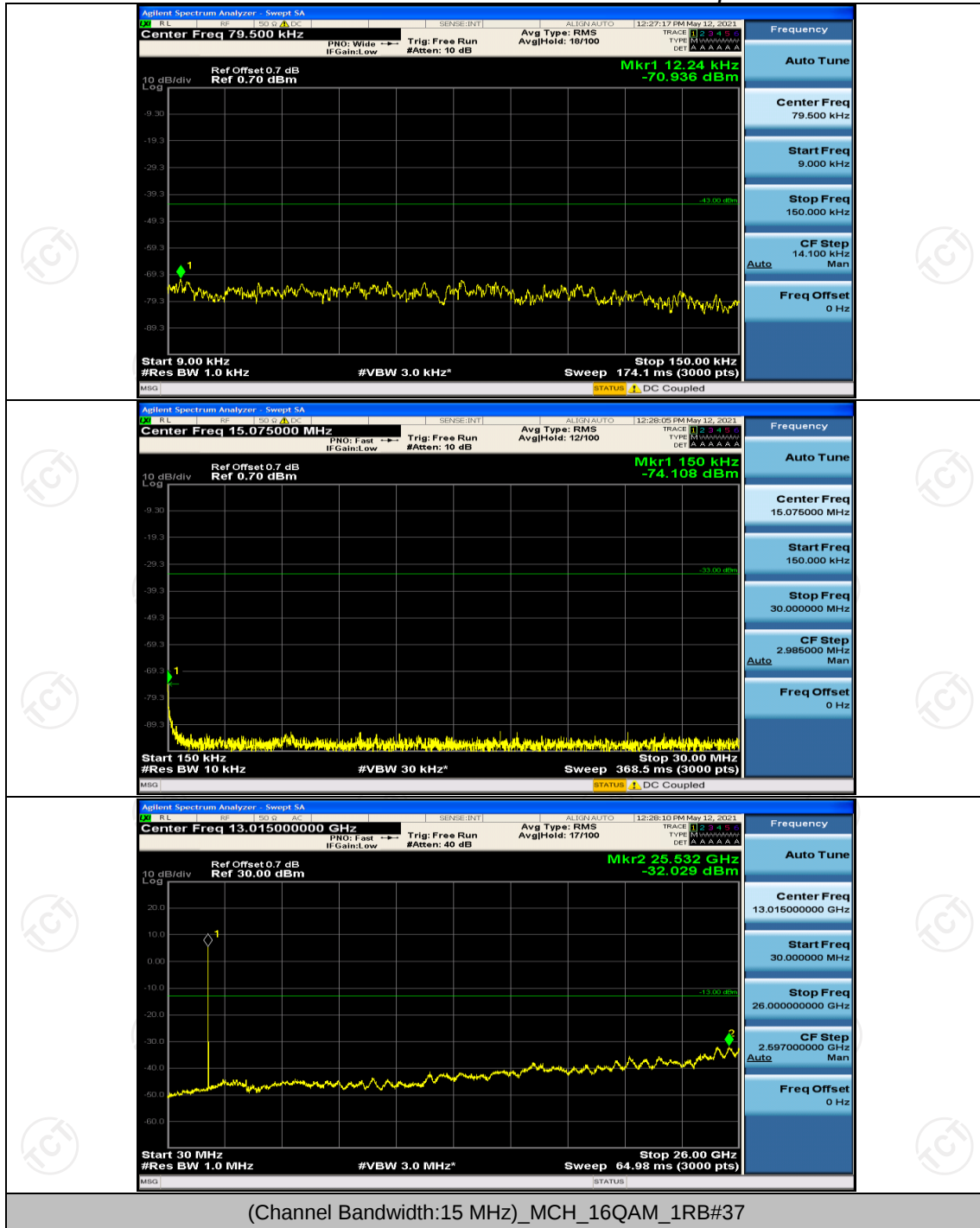
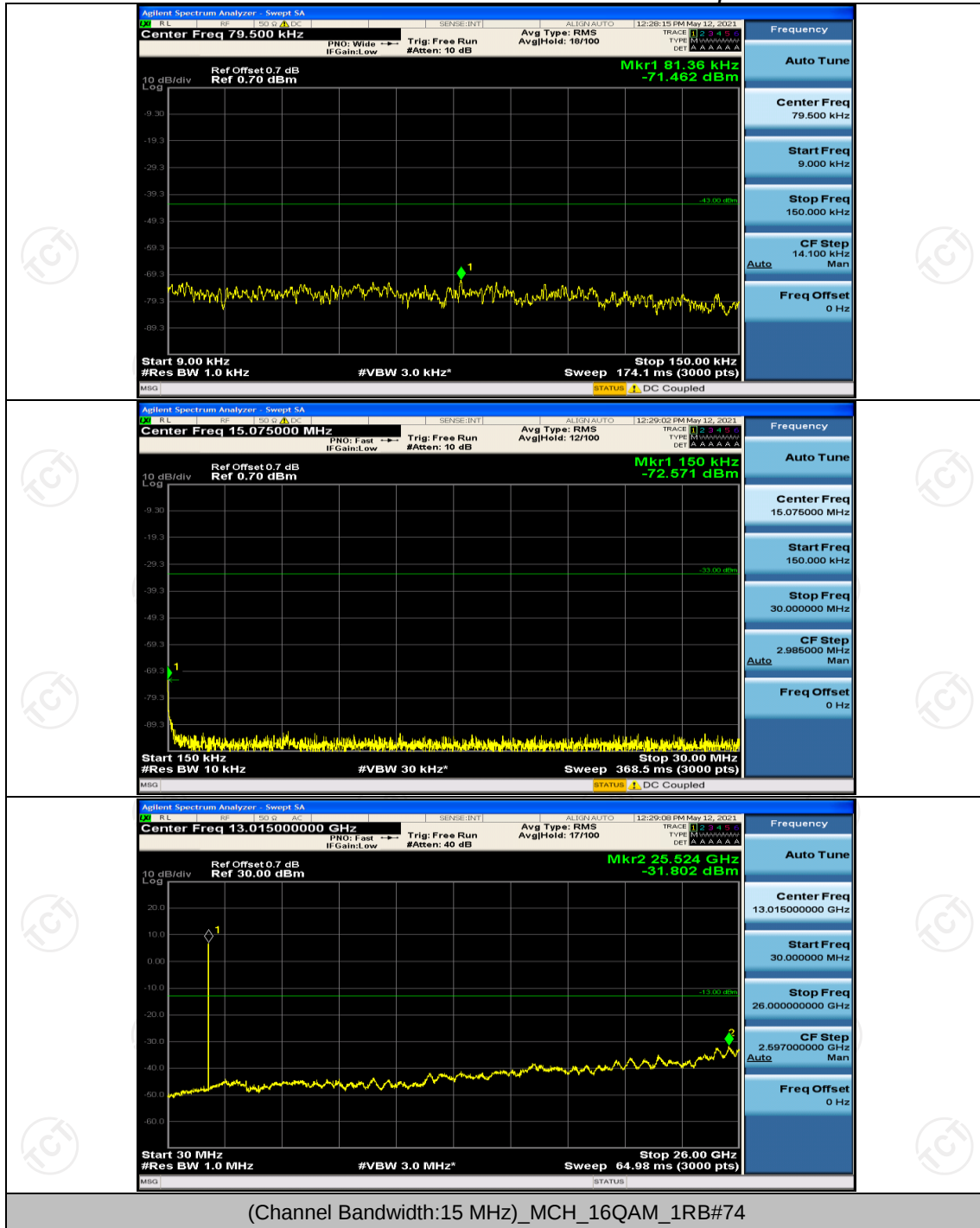
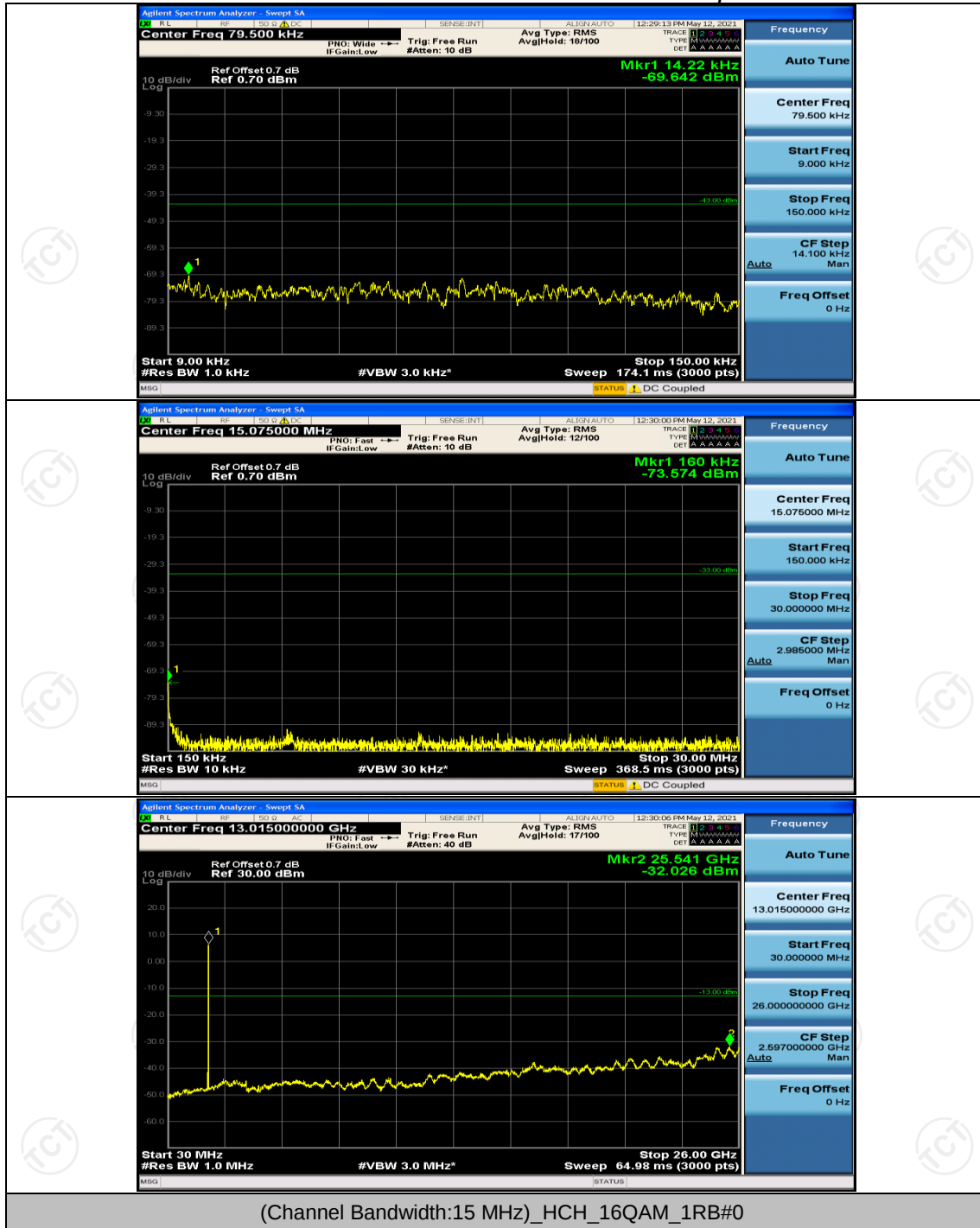


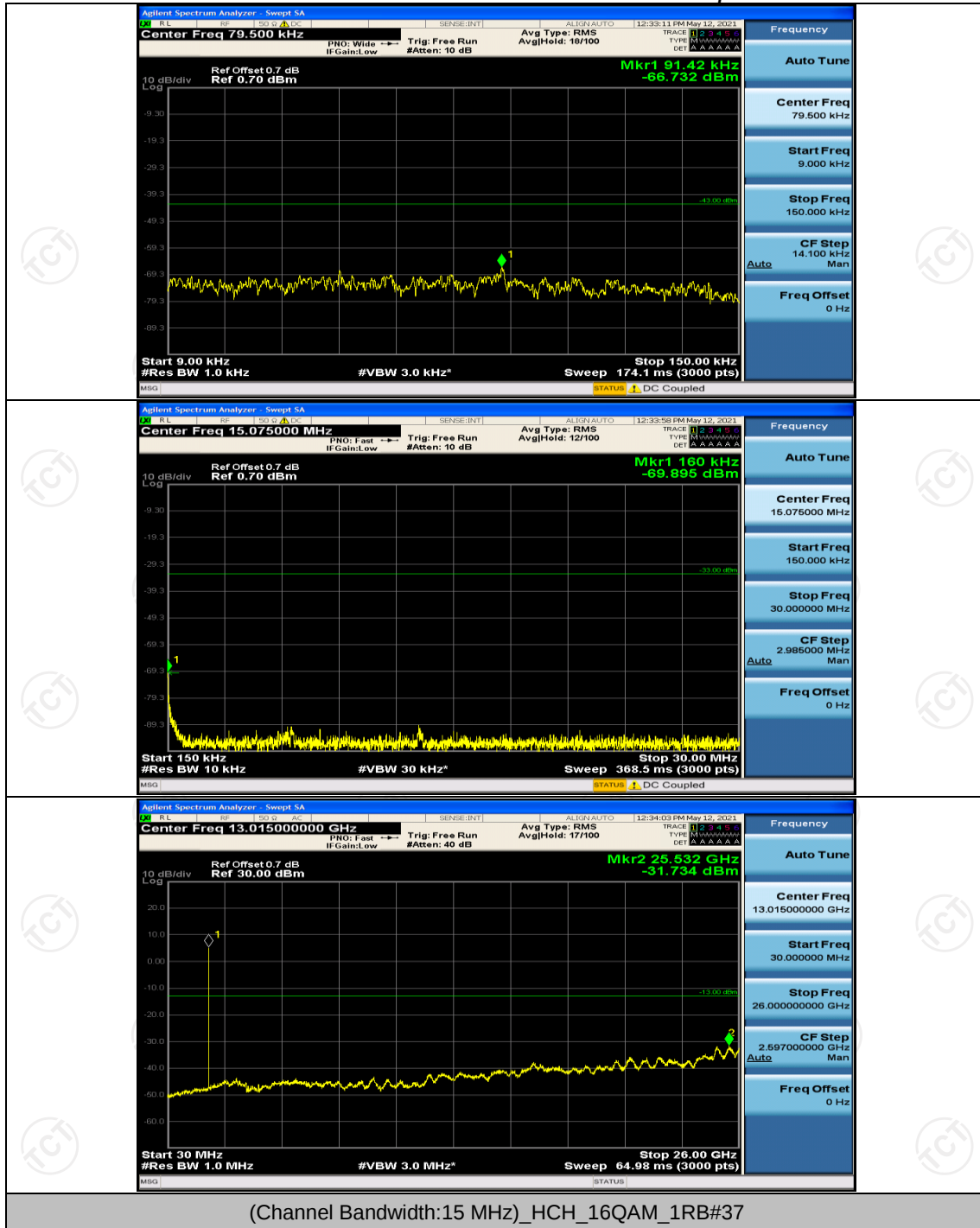


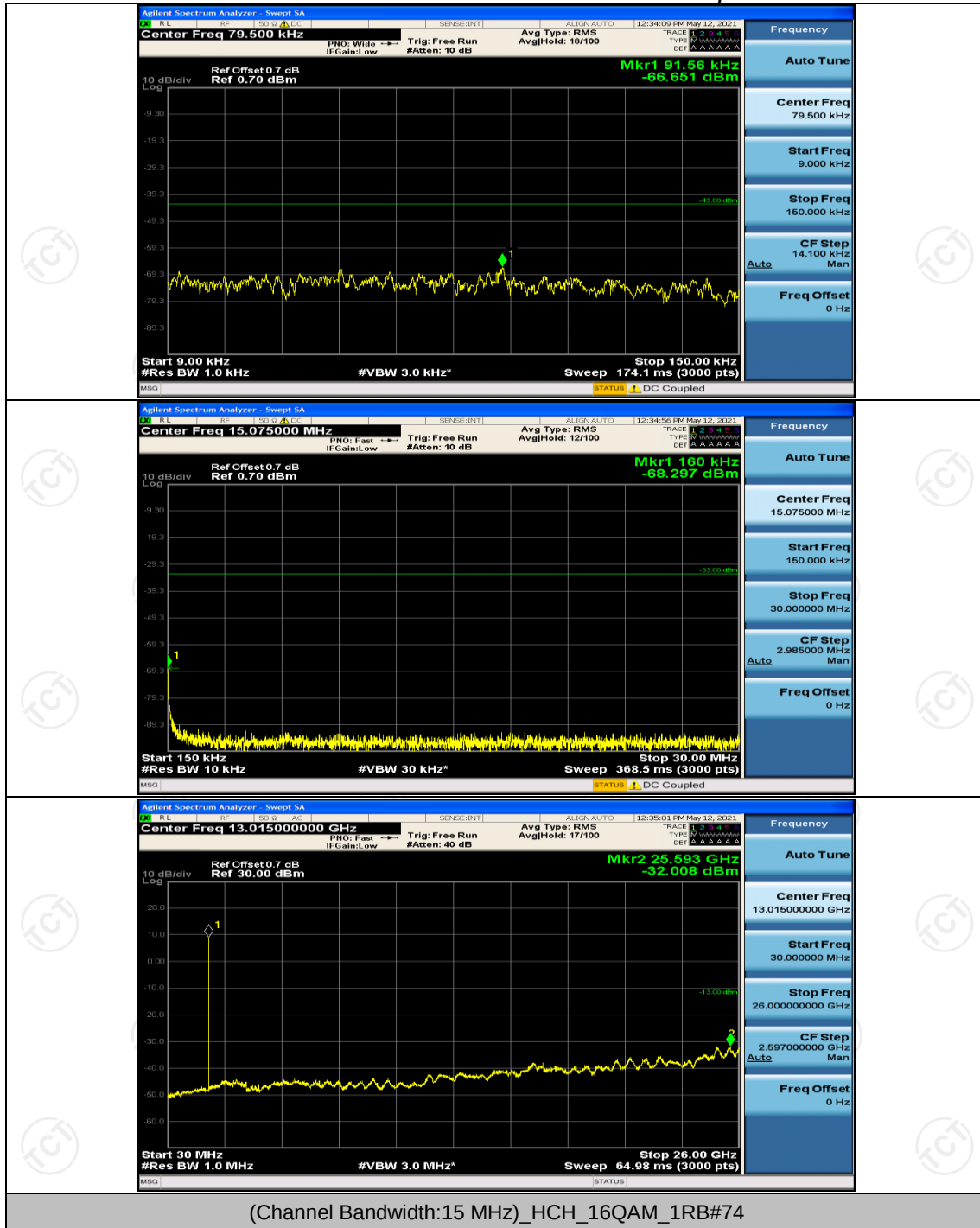


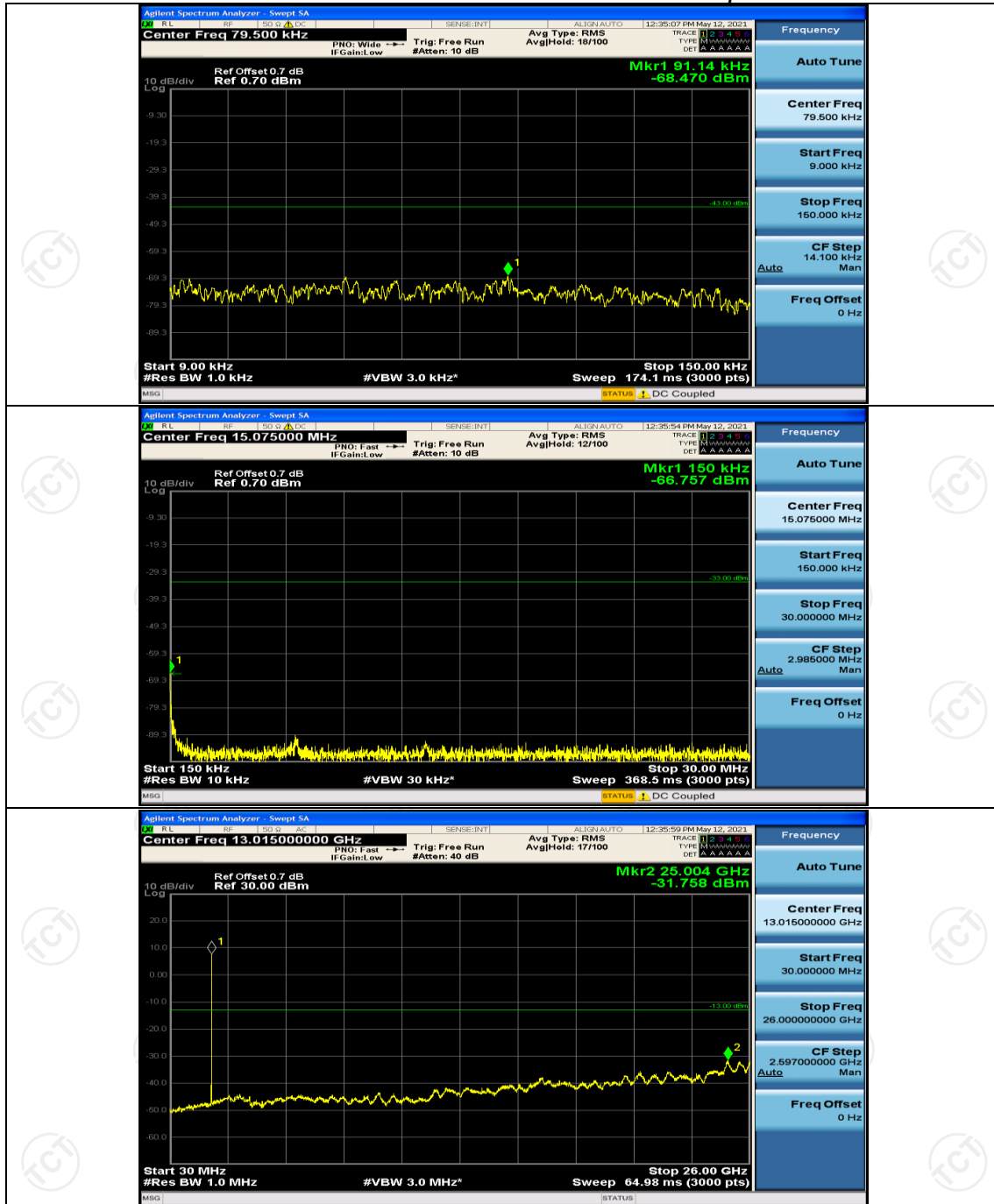






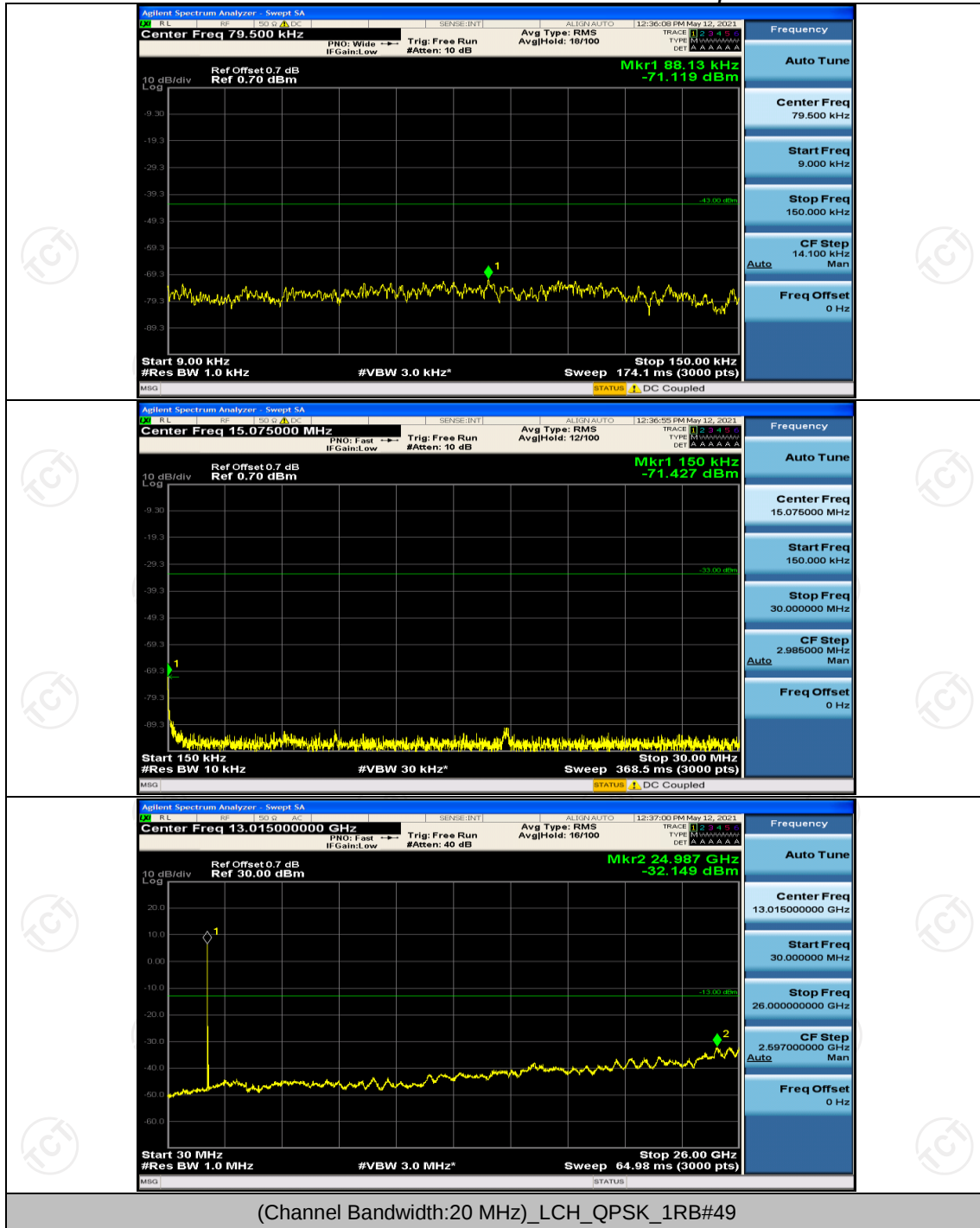


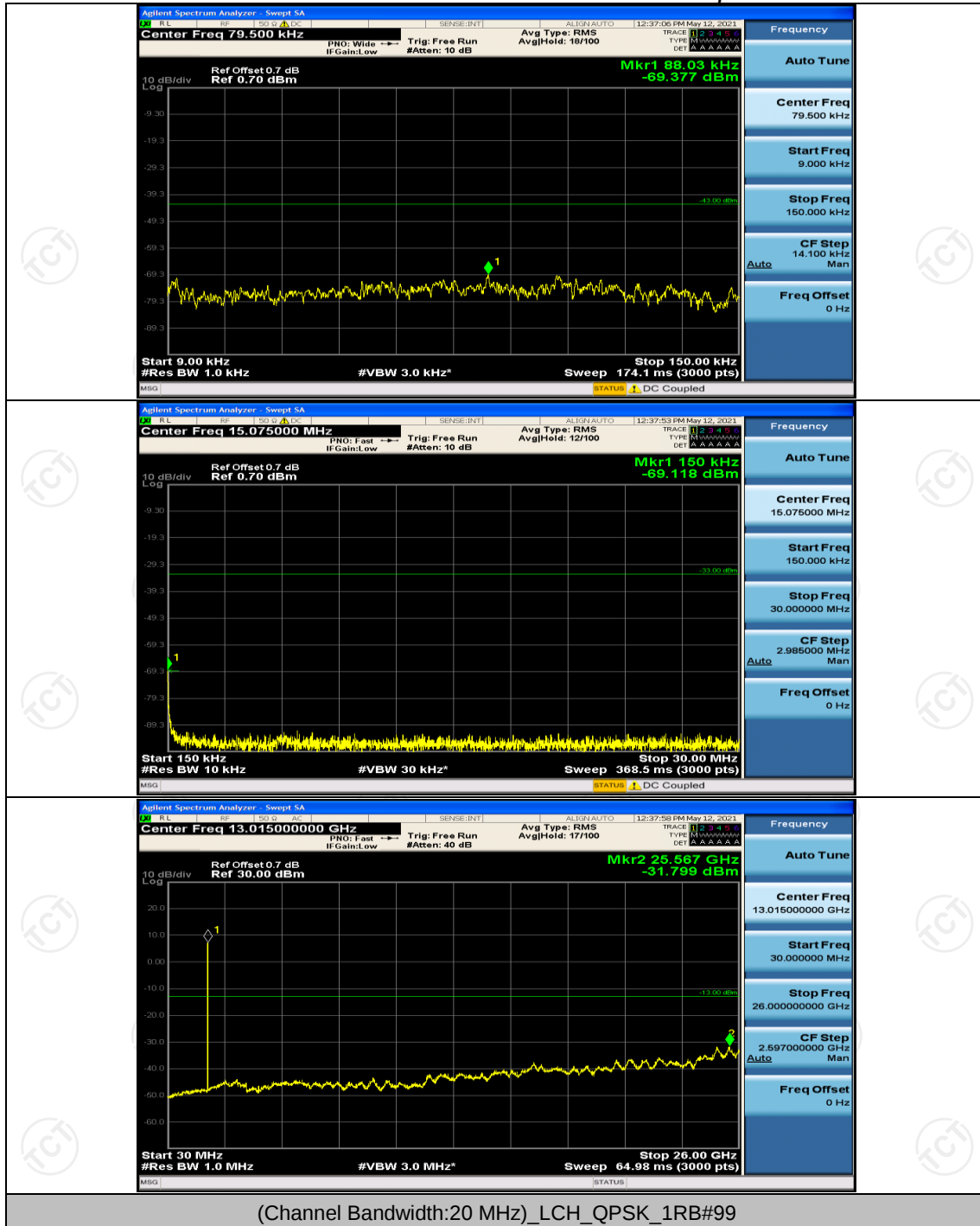


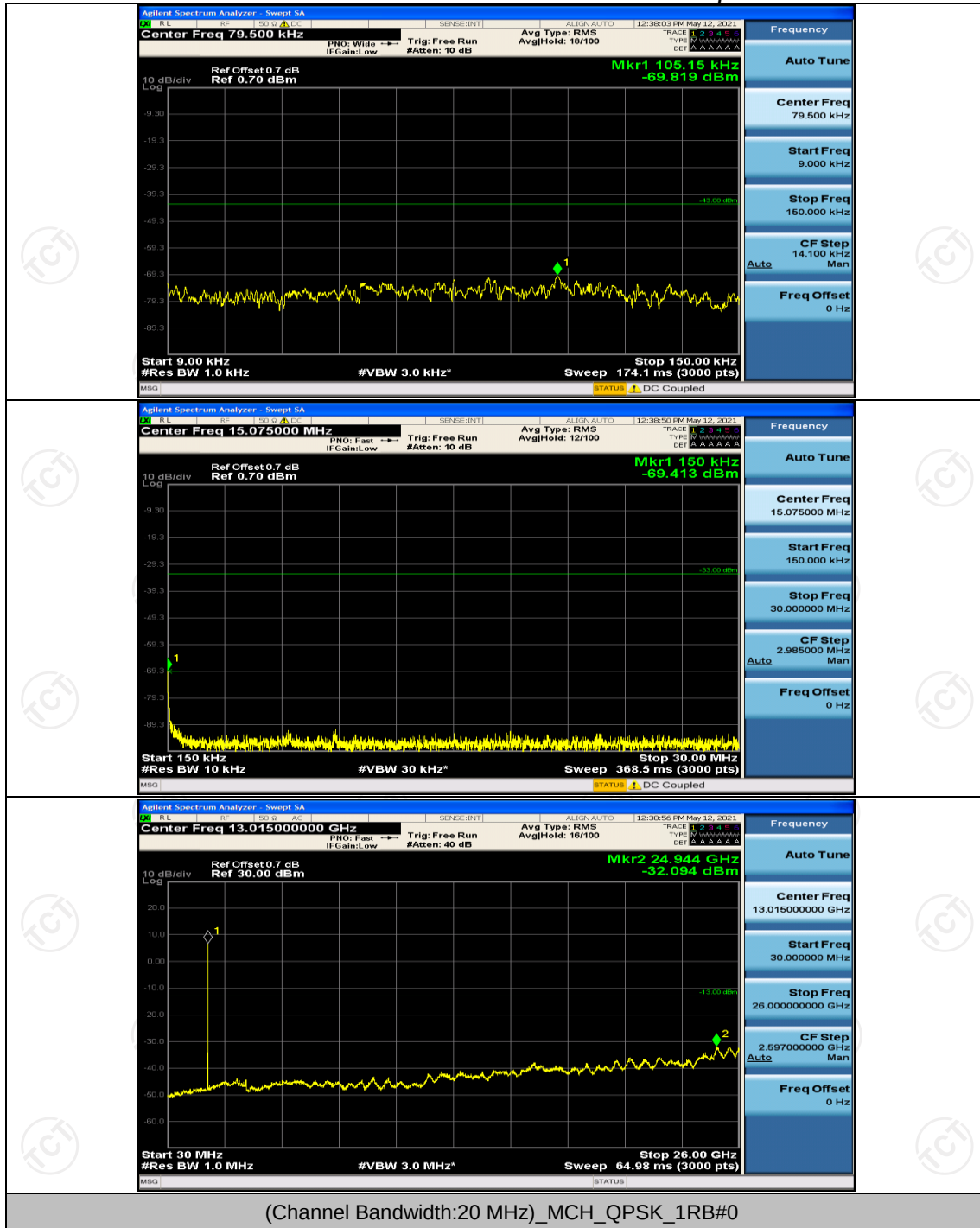


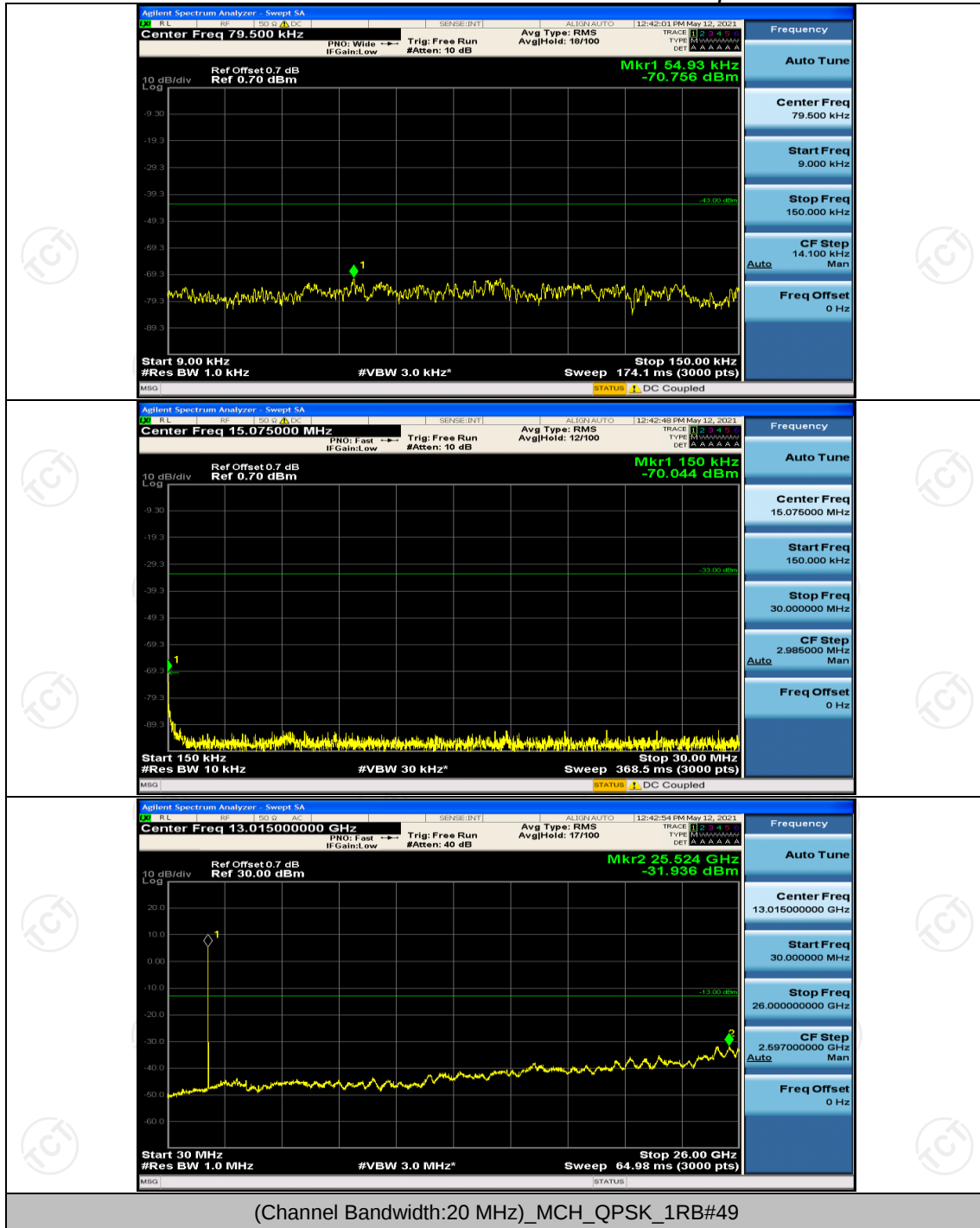
Channel Bandwidth: 20 MHz

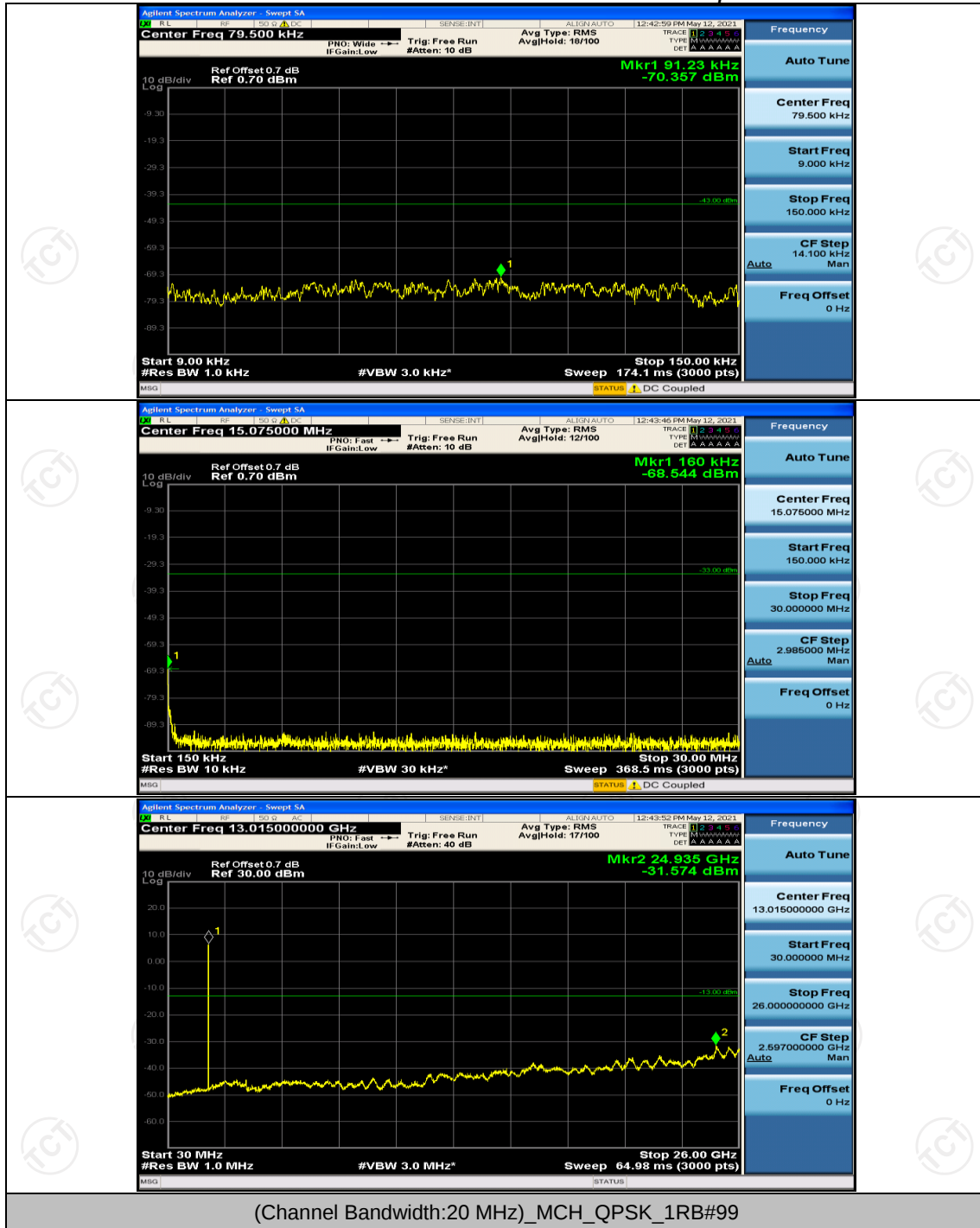
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0

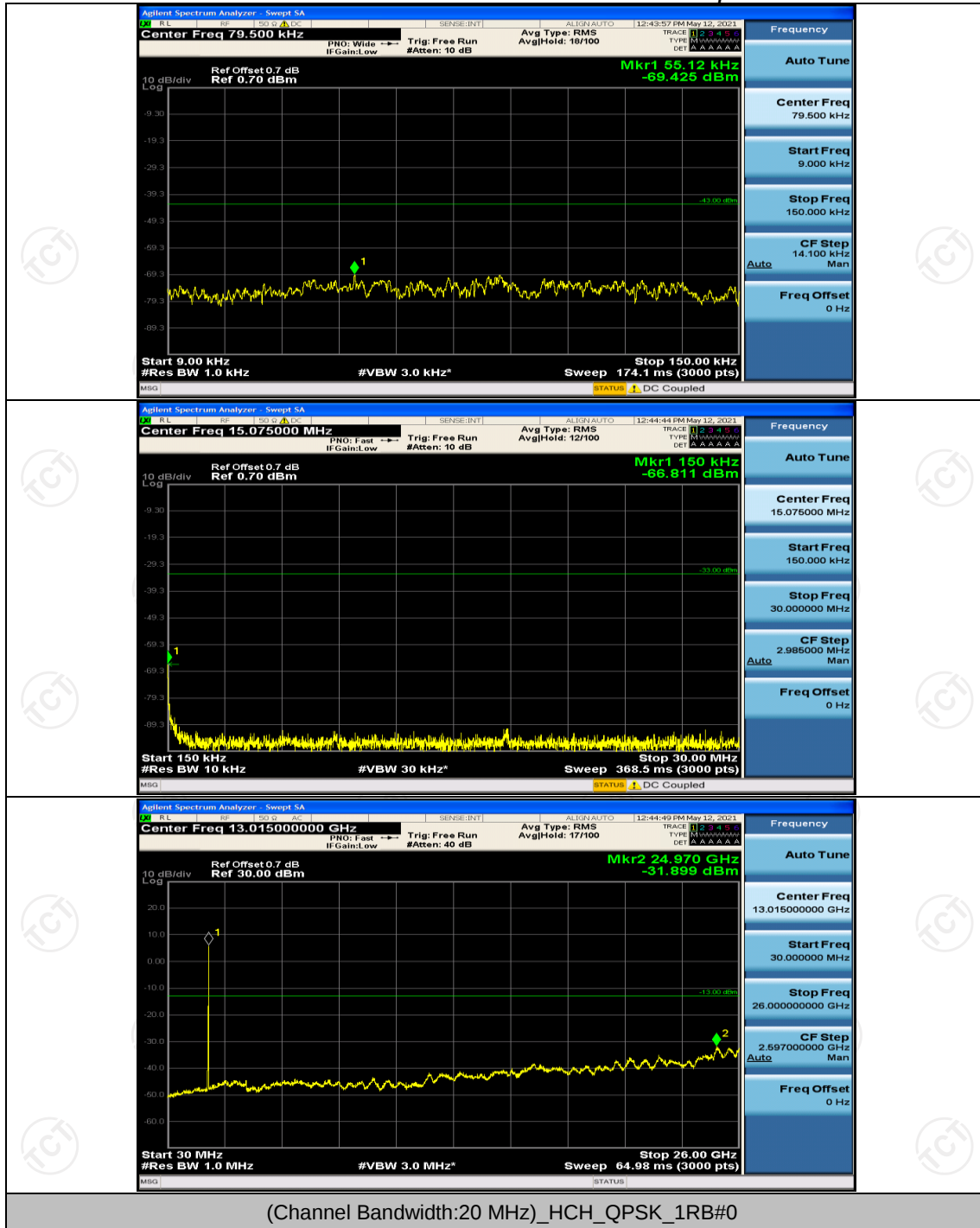


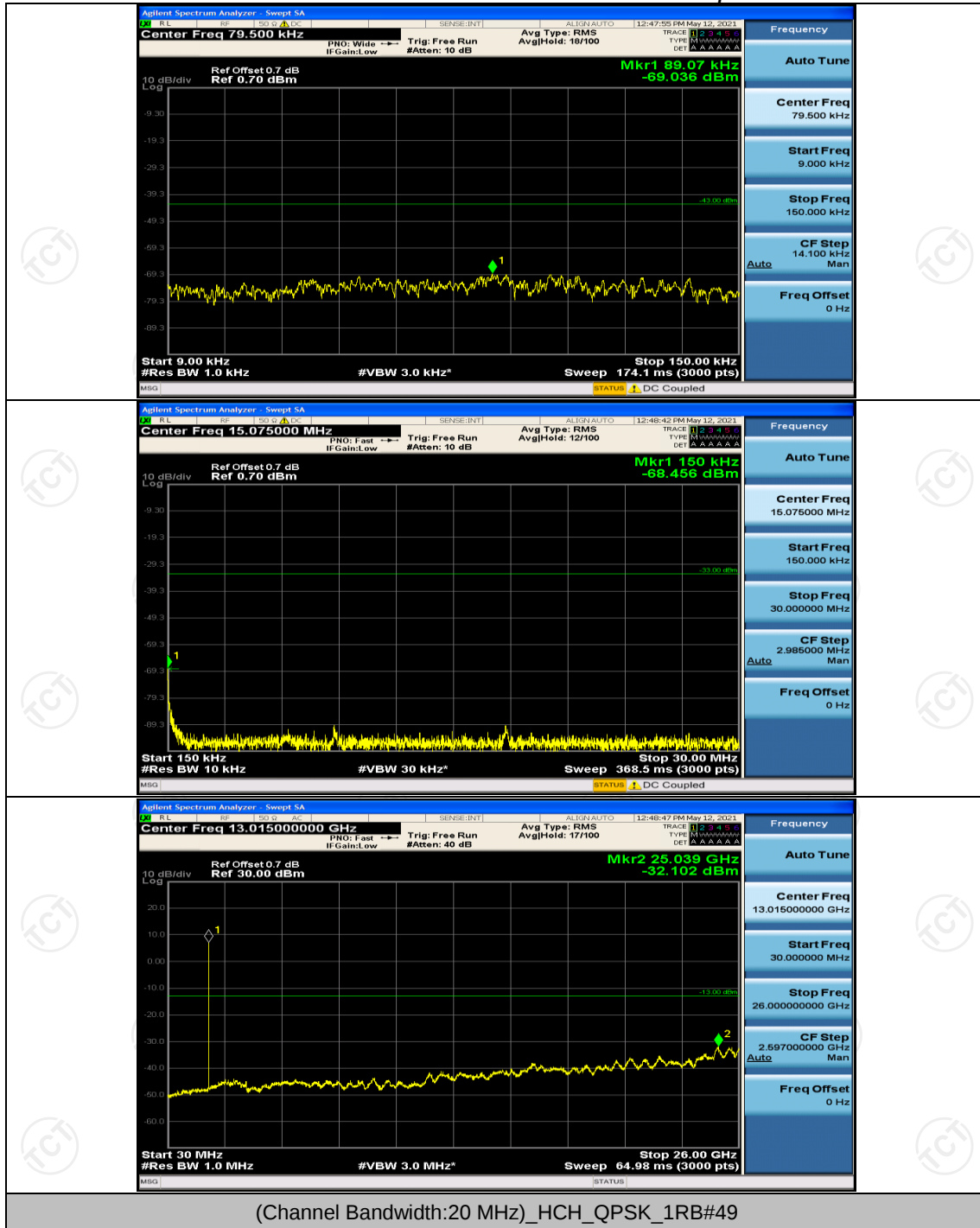


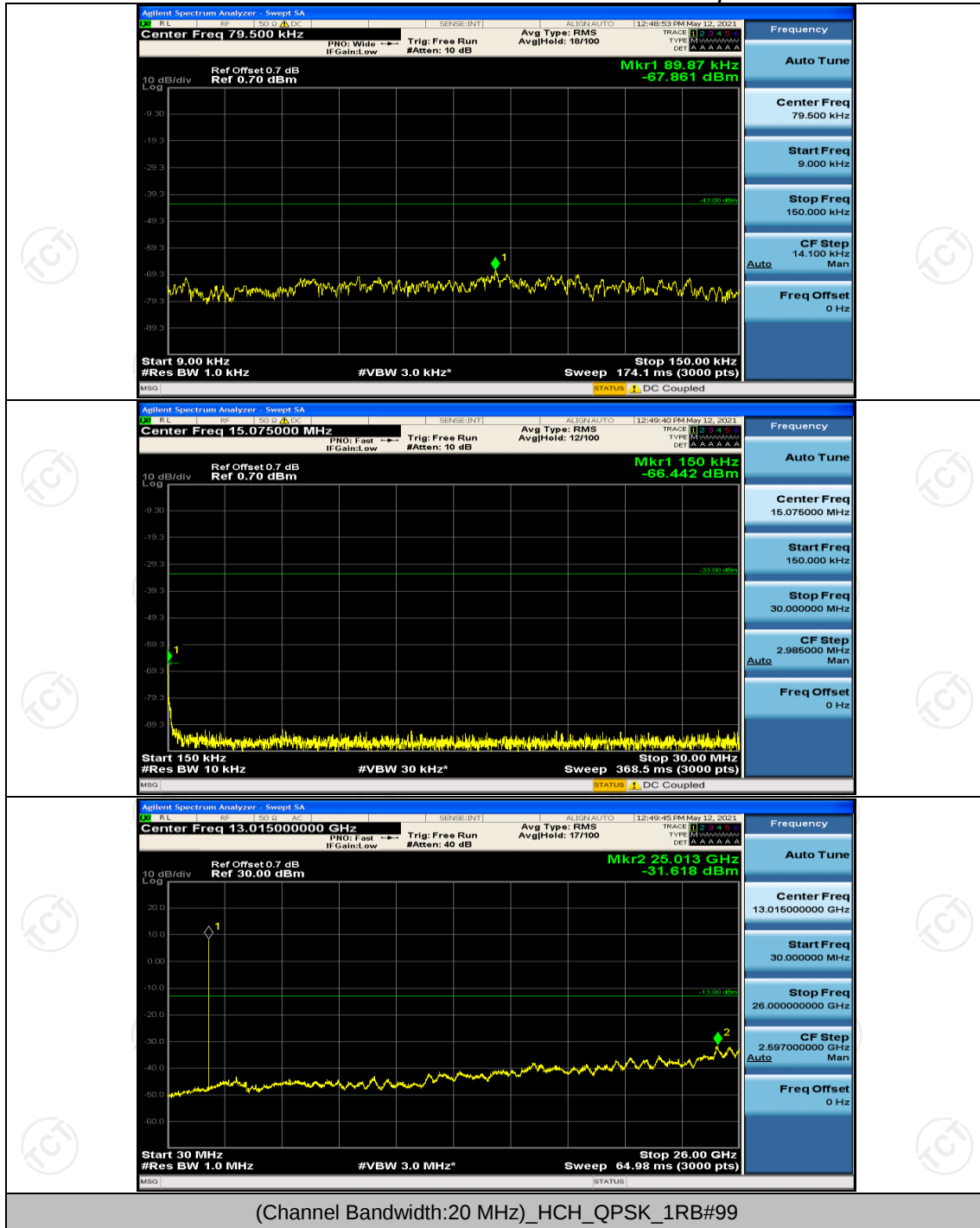


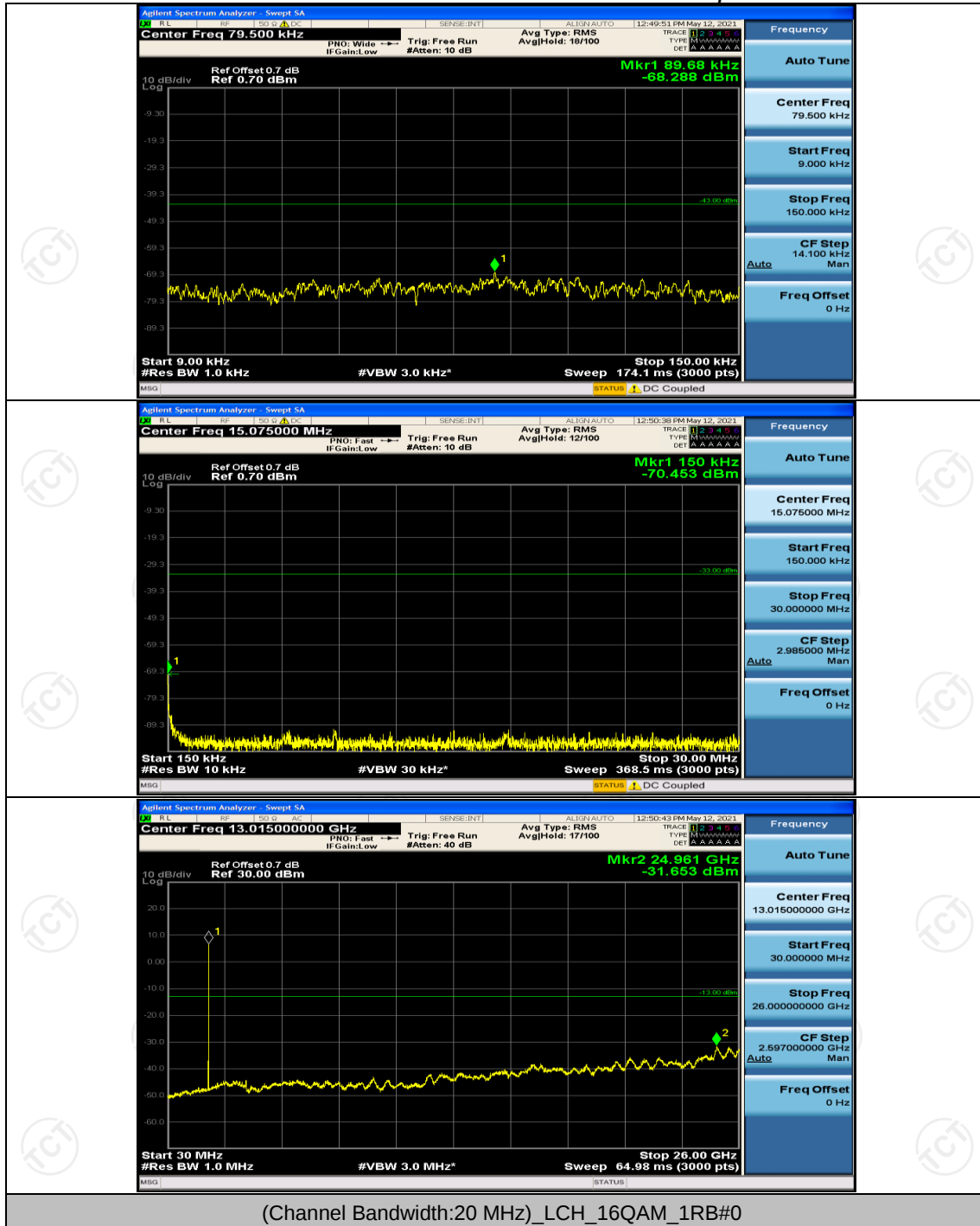


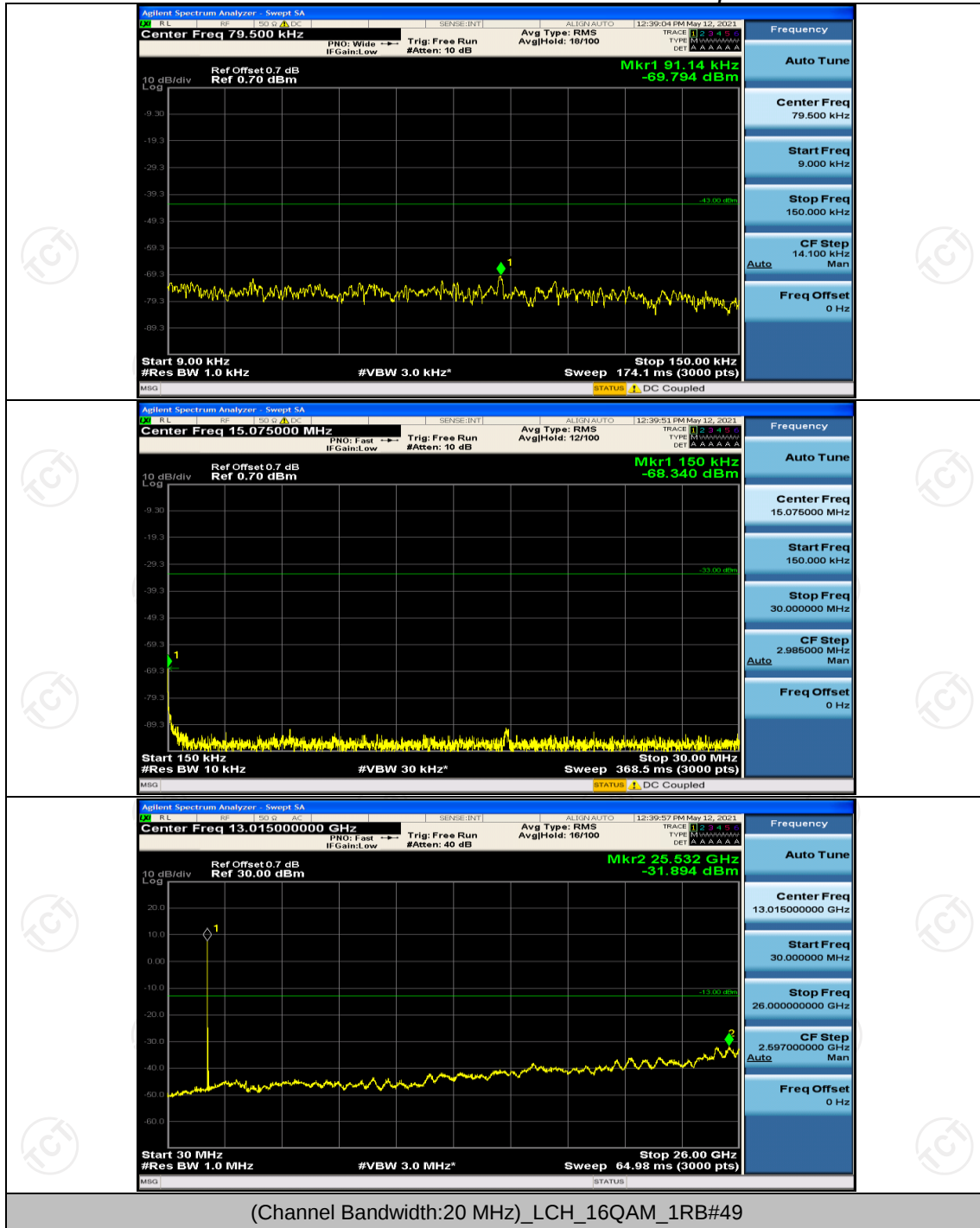


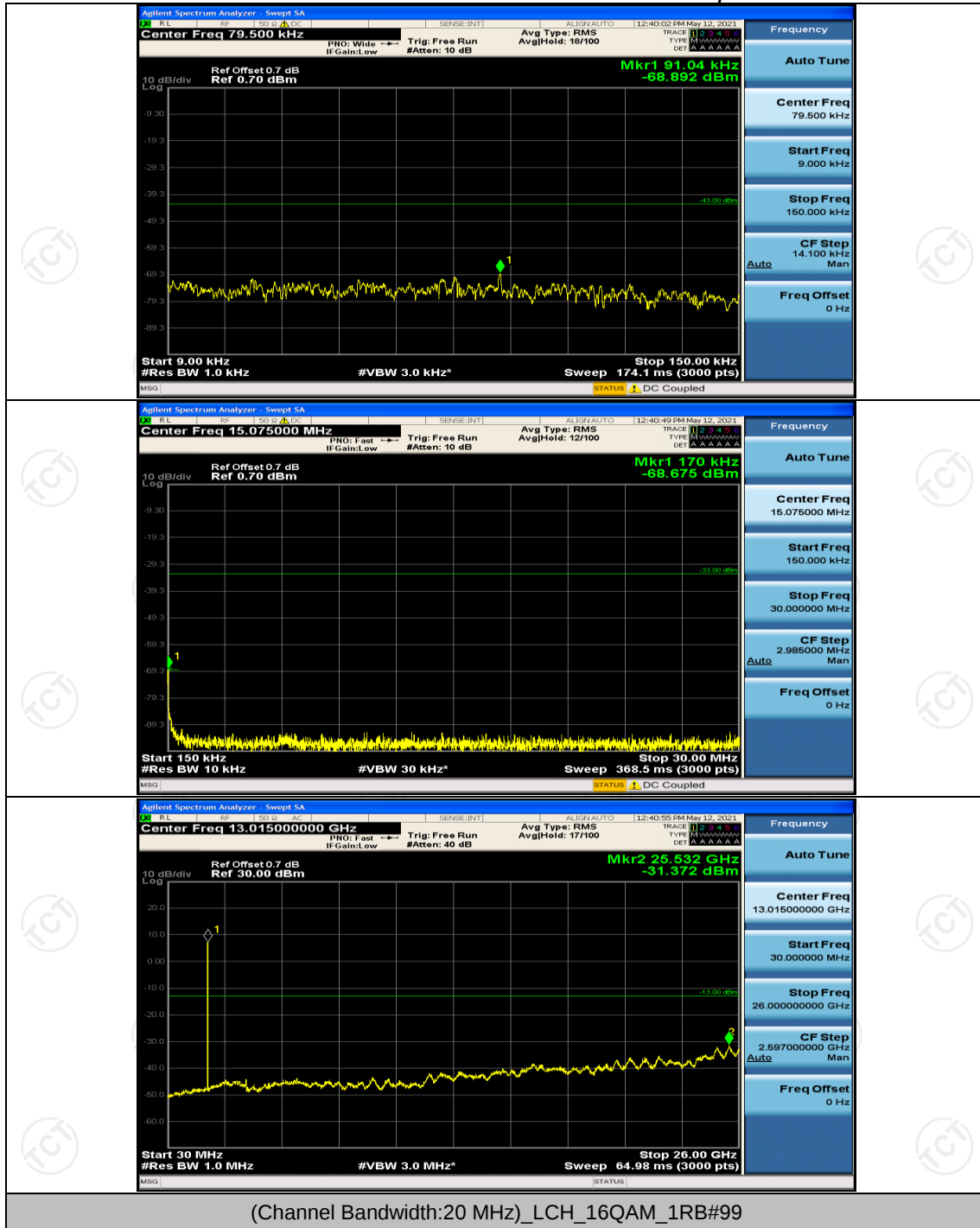


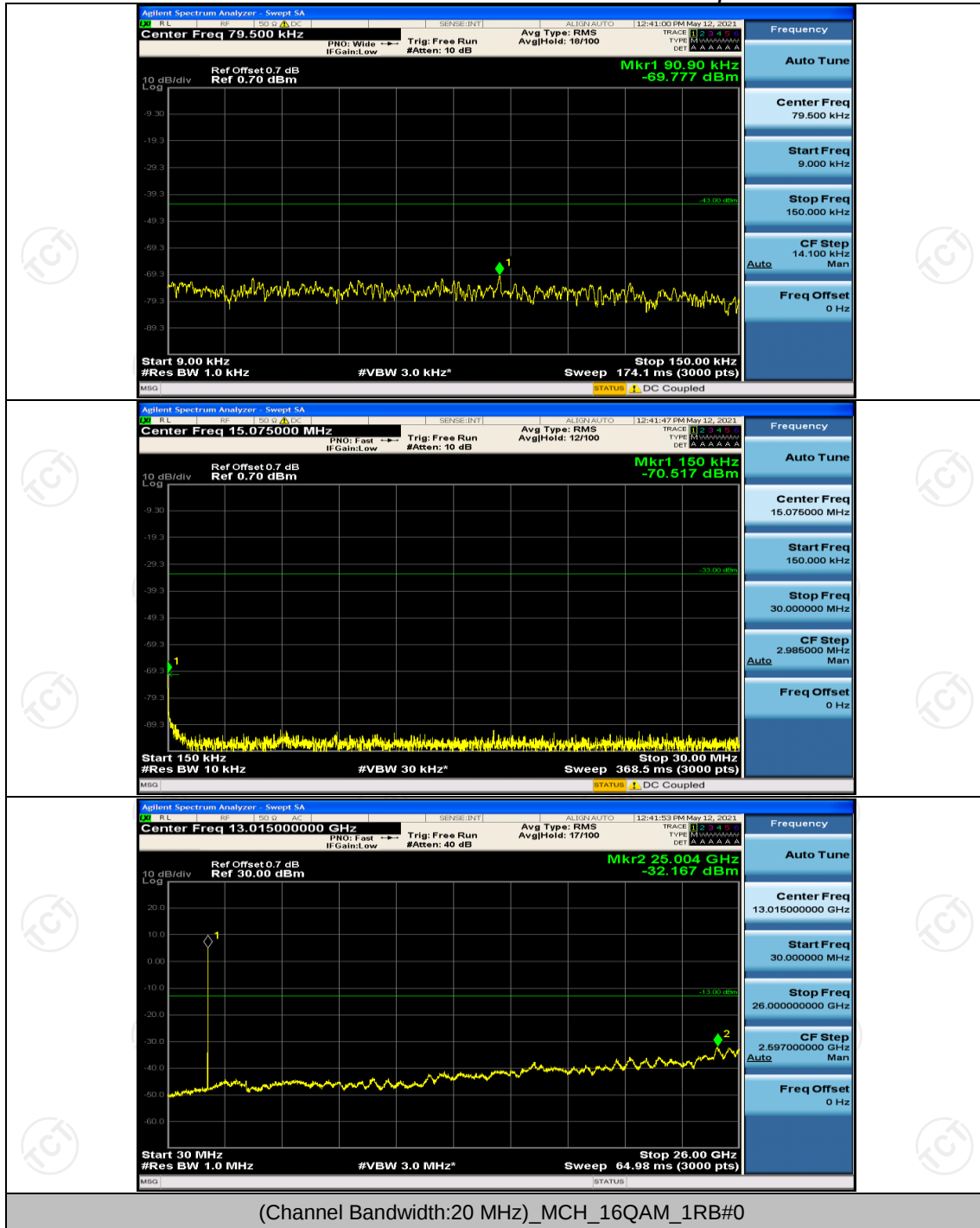


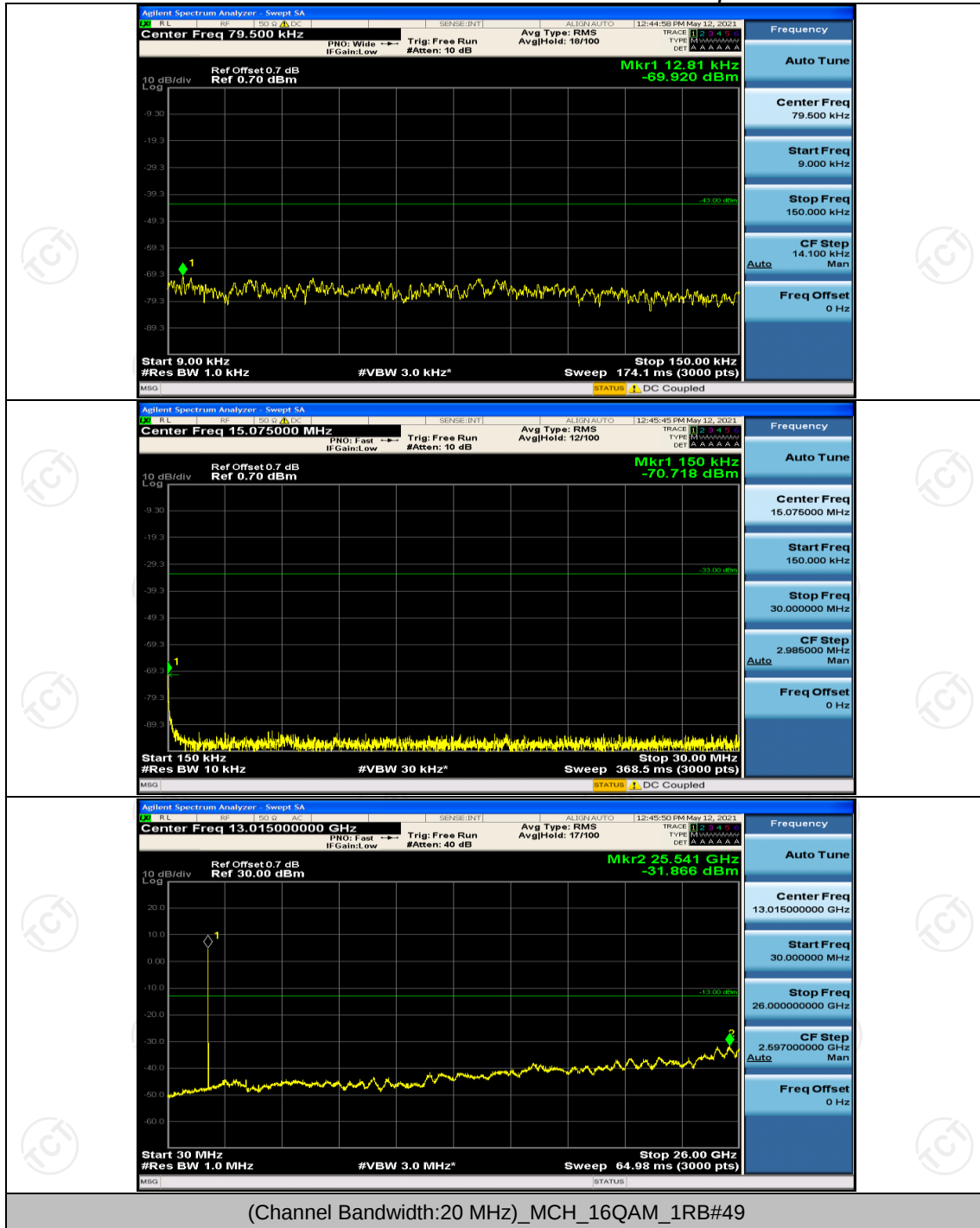


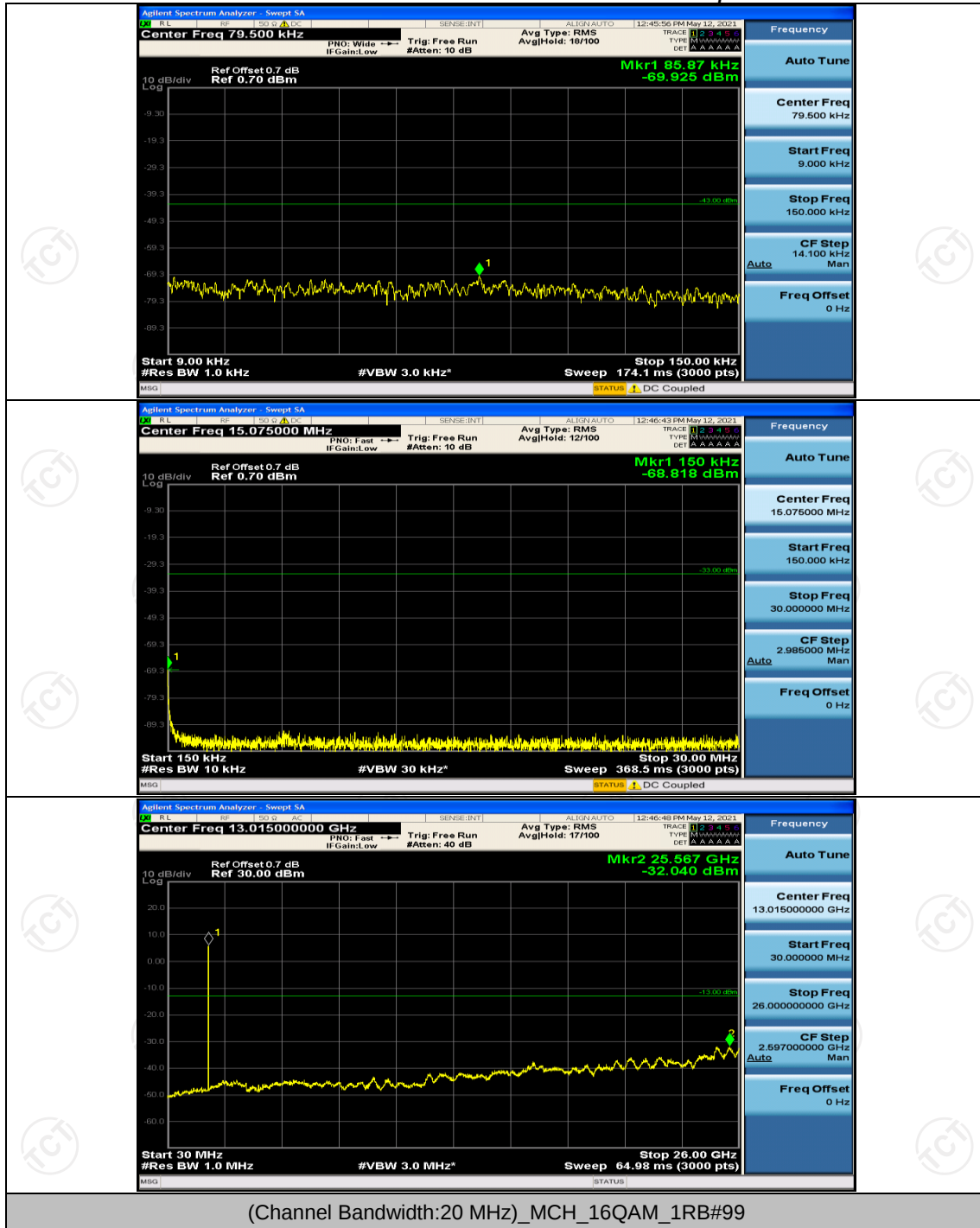


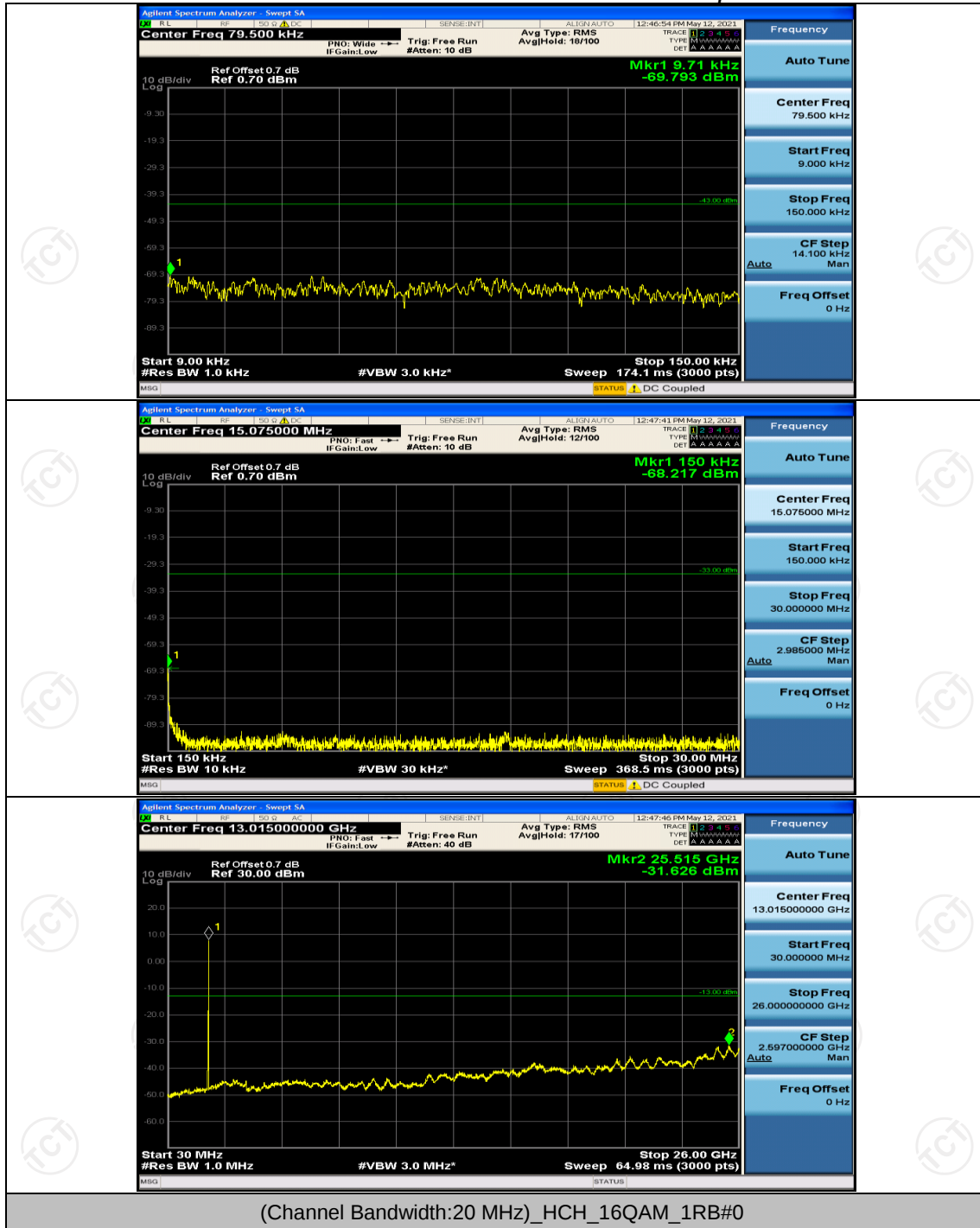


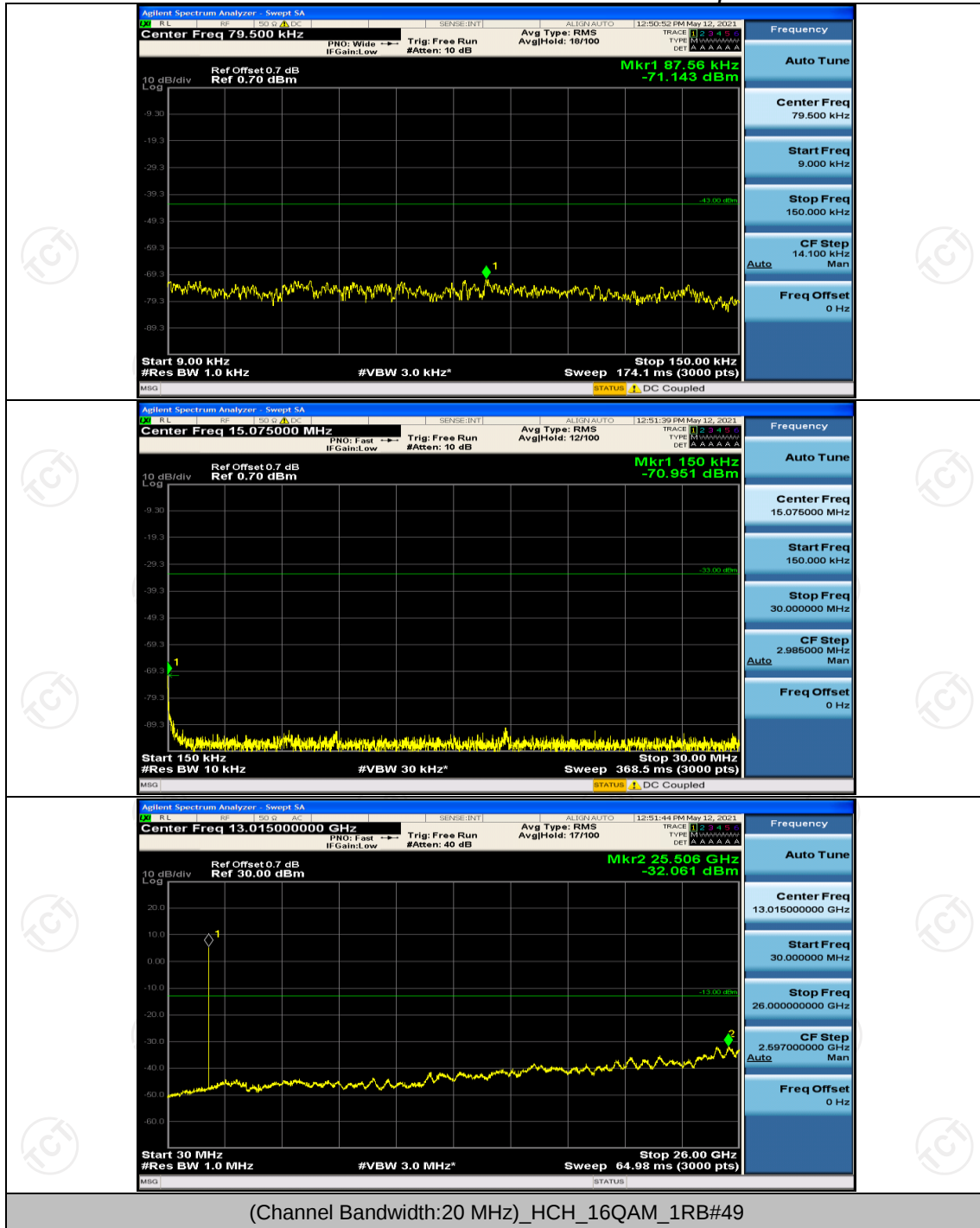


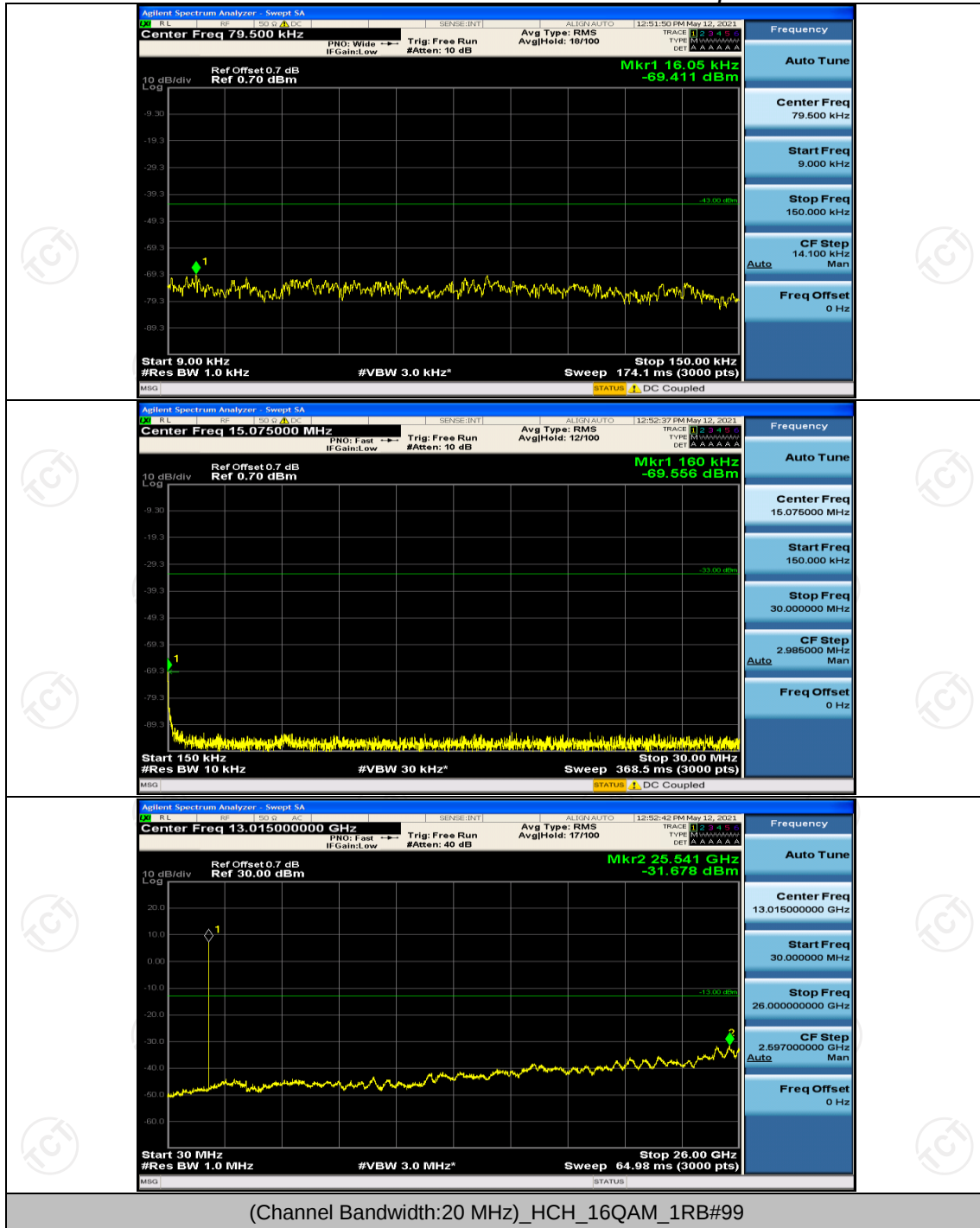


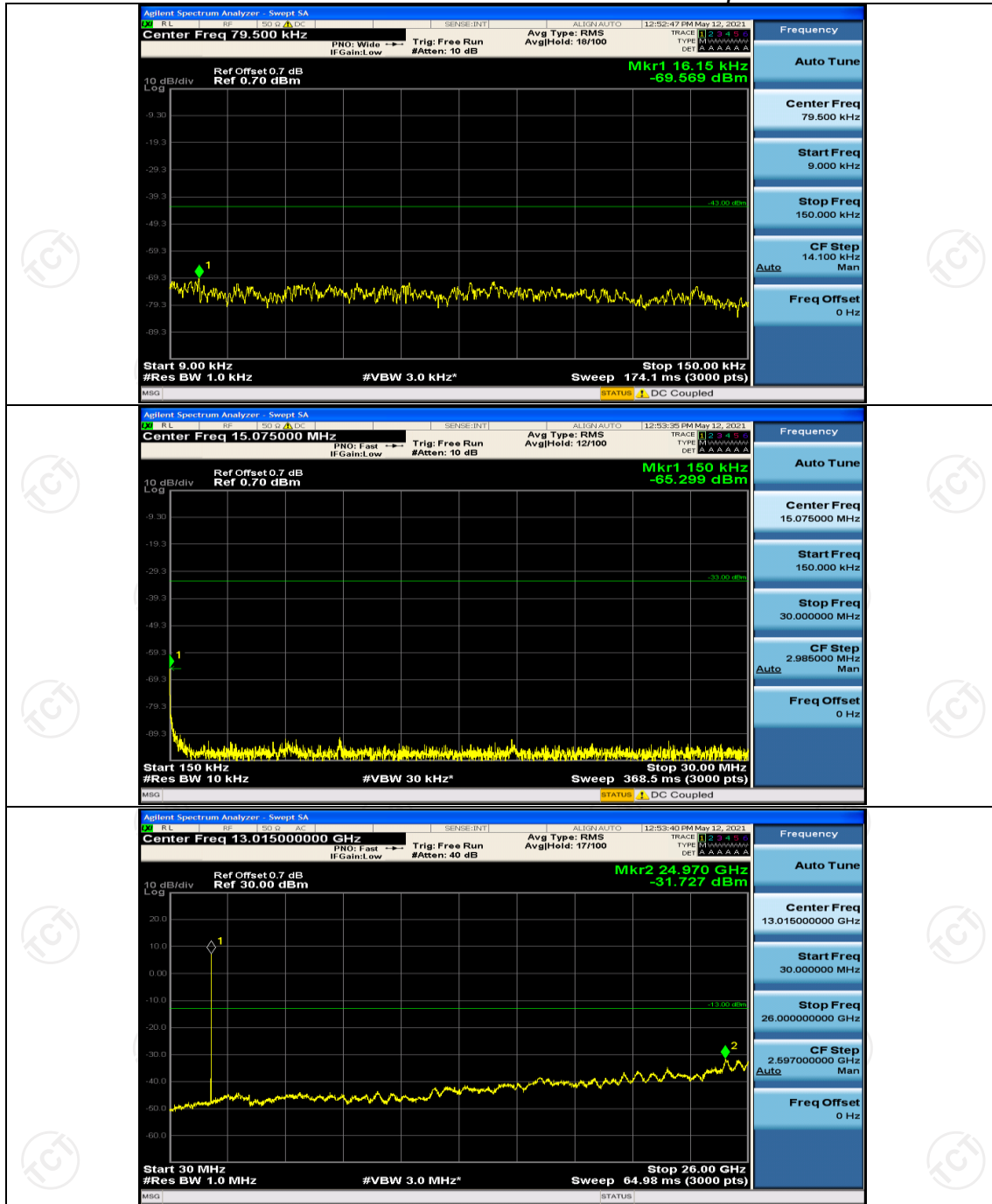












Appendix F: Frequency Stability

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	-3.58	-0.001932	± 2.5	PASS
		VN	TN	-2.33	-0.001259	± 2.5	PASS
		VH	TN	-1.00	-0.000541	± 2.5	PASS
	MCH	VL	TN	-2.03	-0.001097	± 2.5	PASS
		VN	TN	-3.99	-0.002123	± 2.5	PASS
		VH	TN	-4.88	-0.002595	± 2.5	PASS
	HCH	VL	TN	-4.22	-0.002245	± 2.5	PASS
		VN	TN	-3.49	-0.001857	± 2.5	PASS
		VH	TN	-4.68	-0.002488	± 2.5	PASS
16QAM	LCH	VL	TN	1.16	0.000607	± 2.5	PASS
		VN	TN	-1.09	-0.000570	± 2.5	PASS
		VH	TN	-0.17	-0.000090	± 2.5	PASS
	MCH	VL	TN	0.64	0.000337	± 2.5	PASS
		VN	TN	-4.39	-0.002336	± 2.5	PASS
		VH	TN	-2.39	-0.001290	± 2.5	PASS
	HCH	VL	TN	-2.25	-0.001212	± 2.5	PASS
		VN	TN	-2.10	-0.001135	± 2.5	PASS
		VH	TN	-0.47	-0.000255	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-2.73	-0.001476	± 2.5	PASS
		VN	-20	-3.20	-0.001731	± 2.5	PASS
		VN	-10	-3.38	-0.001823	± 2.5	PASS
		VN	0	-2.88	-0.001553	± 2.5	PASS
		VN	10	0.93	0.000487	± 2.5	PASS
		VN	20	-3.13	-0.001693	± 2.5	PASS
		VN	30	-1.65	-0.000889	± 2.5	PASS
		VN	40	-2.72	-0.001469	± 2.5	PASS
		VN	50	-1.66	-0.000897	± 2.5	PASS
	MCH	VN	-30	-1.89	-0.001004	± 2.5	PASS
		VN	-20	-6.02	-0.003203	± 2.5	PASS
		VN	-10	-3.88	-0.002062	± 2.5	PASS
		VN	0	-3.60	-0.001917	± 2.5	PASS
		VN	10	-4.13	-0.002199	± 2.5	PASS
		VN	20	-3.99	-0.002123	± 2.5	PASS
VN	30	-4.02	-0.002138	± 2.5	PASS		

		VN	40	-2.43	-0.001294	± 2.5	PASS
		VN	50	-2.59	-0.001377	± 2.5	PASS
	HCH	VN	-30	-3.69	-0.001963	± 2.5	PASS
		VN	-20	1.43	0.000750	± 2.5	PASS
		VN	-10	2.23	0.001169	± 2.5	PASS
		VN	0	1.67	0.000877	± 2.5	PASS
		VN	10	1.73	0.000907	± 2.5	PASS
		VN	20	-0.67	-0.000352	± 2.5	PASS
		VN	30	0.09	0.000045	± 2.5	PASS
		VN	40	0.43	0.000225	± 2.5	PASS
		VN	50	0.33	0.000172	± 2.5	PASS
16QAM	LCH	VN	-30	-3.62	-0.001955	± 2.5	PASS
		VN	-20	0.13	0.000067	± 2.5	PASS
		VN	-10	0.73	0.000382	± 2.5	PASS
		VN	0	-1.89	-0.000989	± 2.5	PASS
		VN	10	-0.24	-0.000127	± 2.5	PASS
		VN	20	-1.95	-0.001051	± 2.5	PASS
		VN	30	-1.07	-0.000580	± 2.5	PASS
		VN	40	-0.74	-0.000402	± 2.5	PASS
		VN	50	-1.99	-0.001074	± 2.5	PASS
	MCH	VN	-30	-3.71	-0.001971	± 2.5	PASS
		VN	-20	-2.99	-0.001590	± 2.5	PASS
		VN	-10	-2.33	-0.001240	± 2.5	PASS
		VN	0	-3.58	-0.001902	± 2.5	PASS
		VN	10	-3.15	-0.001674	± 2.5	PASS
		VN	20	-4.55	-0.002420	± 2.5	PASS
		VN	30	-4.48	-0.002382	± 2.5	PASS
		VN	40	3.52	0.001872	± 2.5	PASS
		VN	50	-4.62	-0.002458	± 2.5	PASS
	HCH	VN	-30	0.29	0.000150	± 2.5	PASS
		VN	-20	-2.65	-0.001429	± 2.5	PASS
		VN	-10	-1.65	-0.000888	± 2.5	PASS
		VN	0	-2.69	-0.001452	± 2.5	PASS
		VN	10	-2.33	-0.001259	± 2.5	PASS
		VN	20	-1.36	-0.000712	± 2.5	PASS
		VN	30	-0.51	-0.000270	± 2.5	PASS
		VN	40	0.54	0.000285	± 2.5	PASS
		VN	50	-0.13	-0.000067	± 2.5	PASS