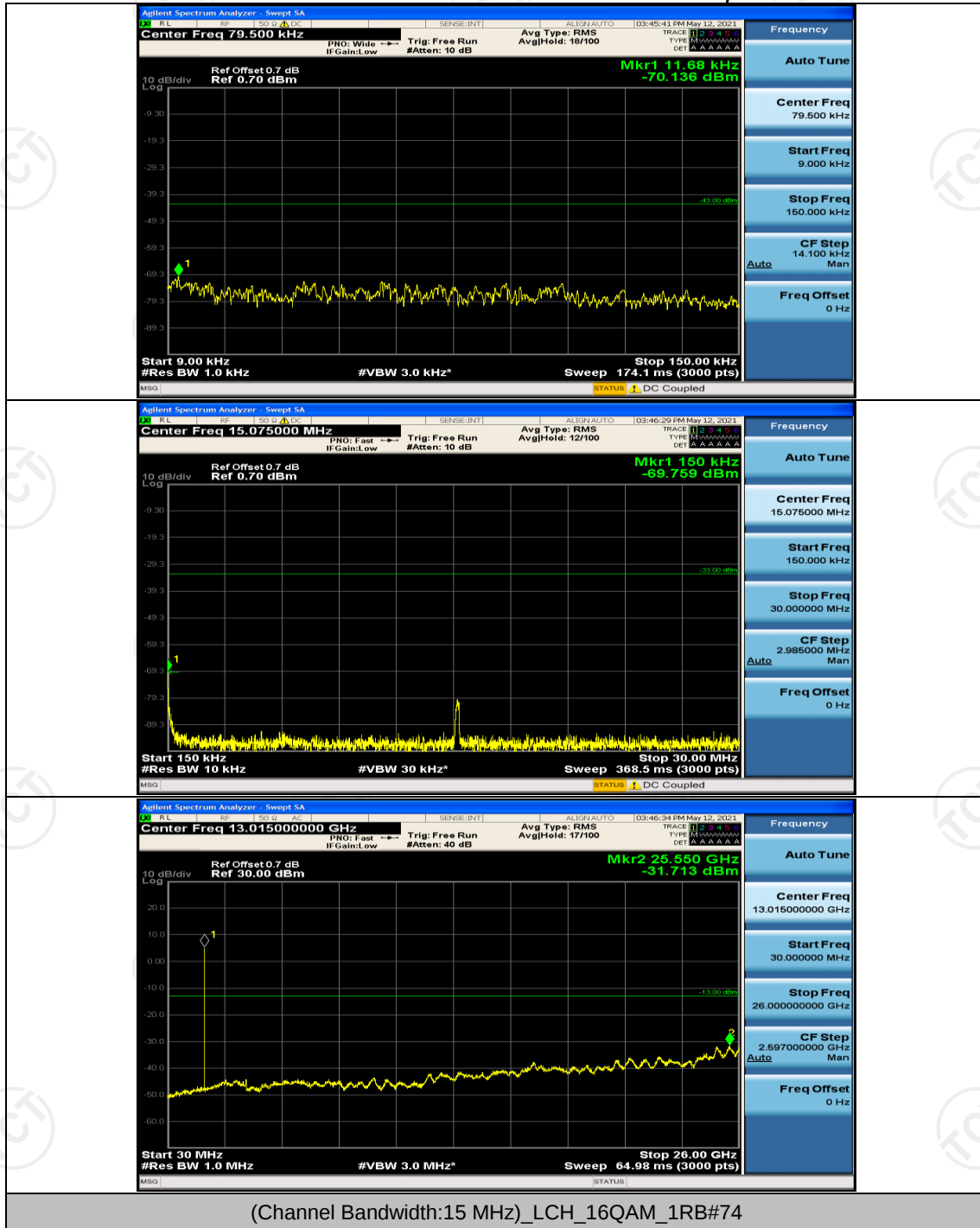
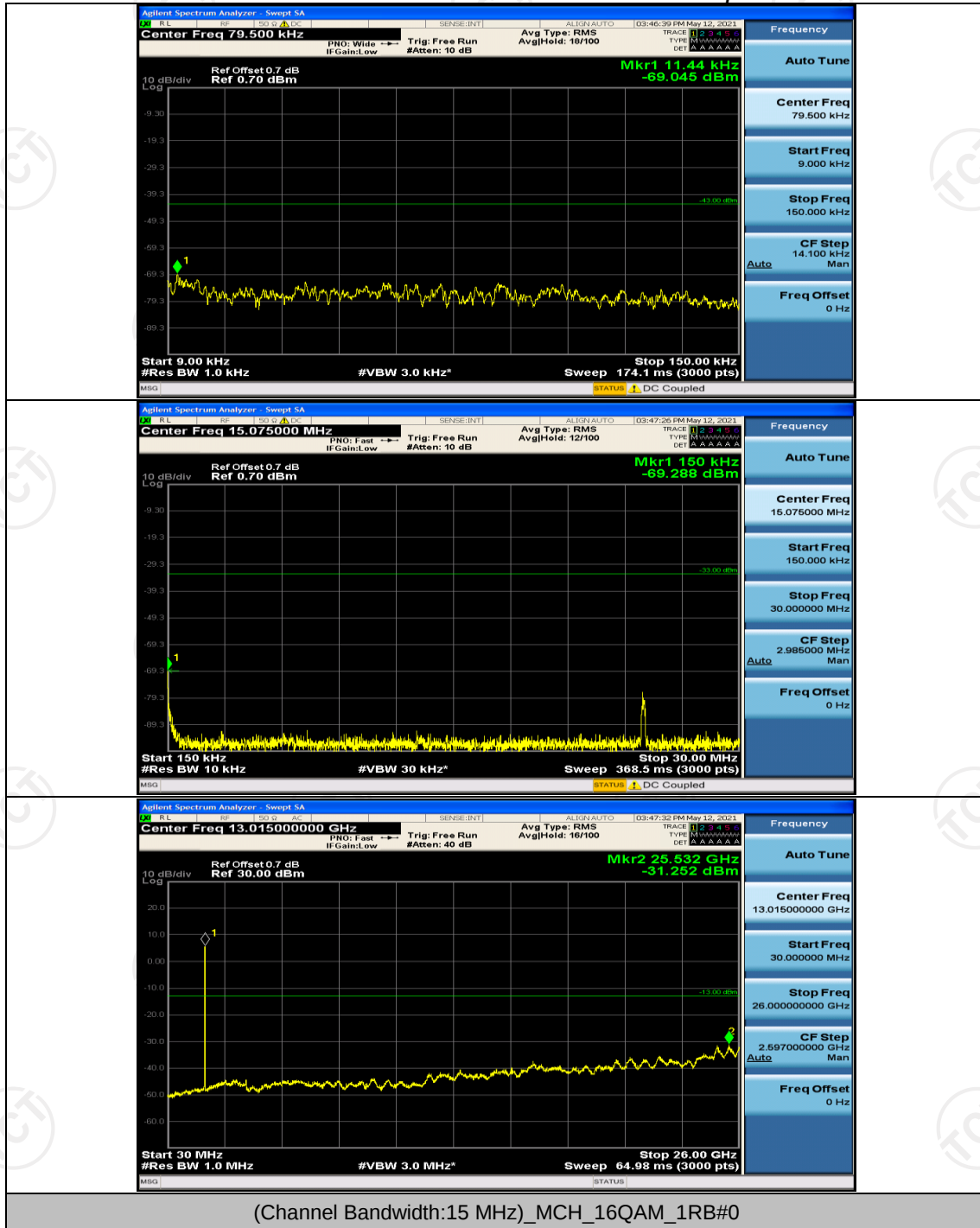
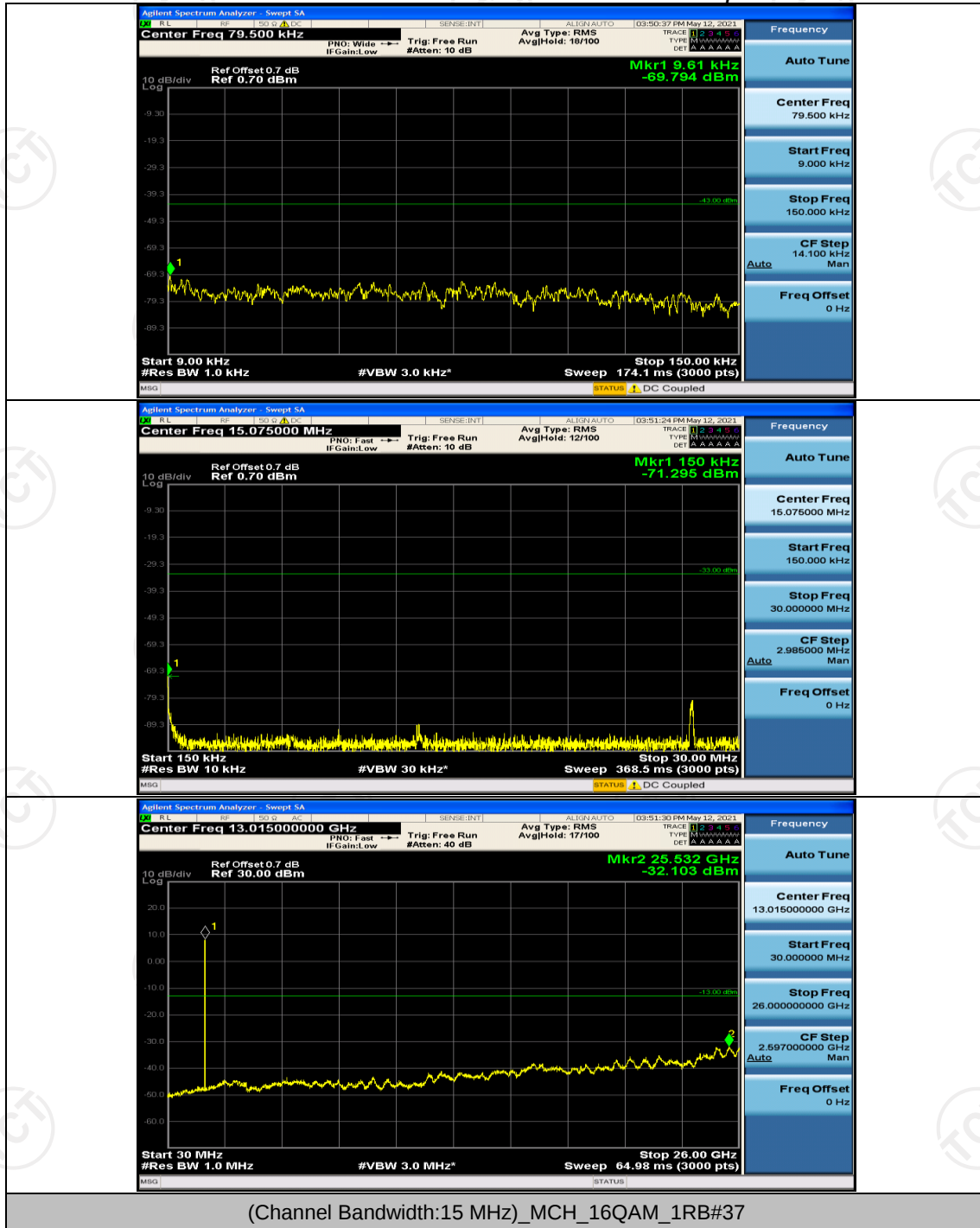
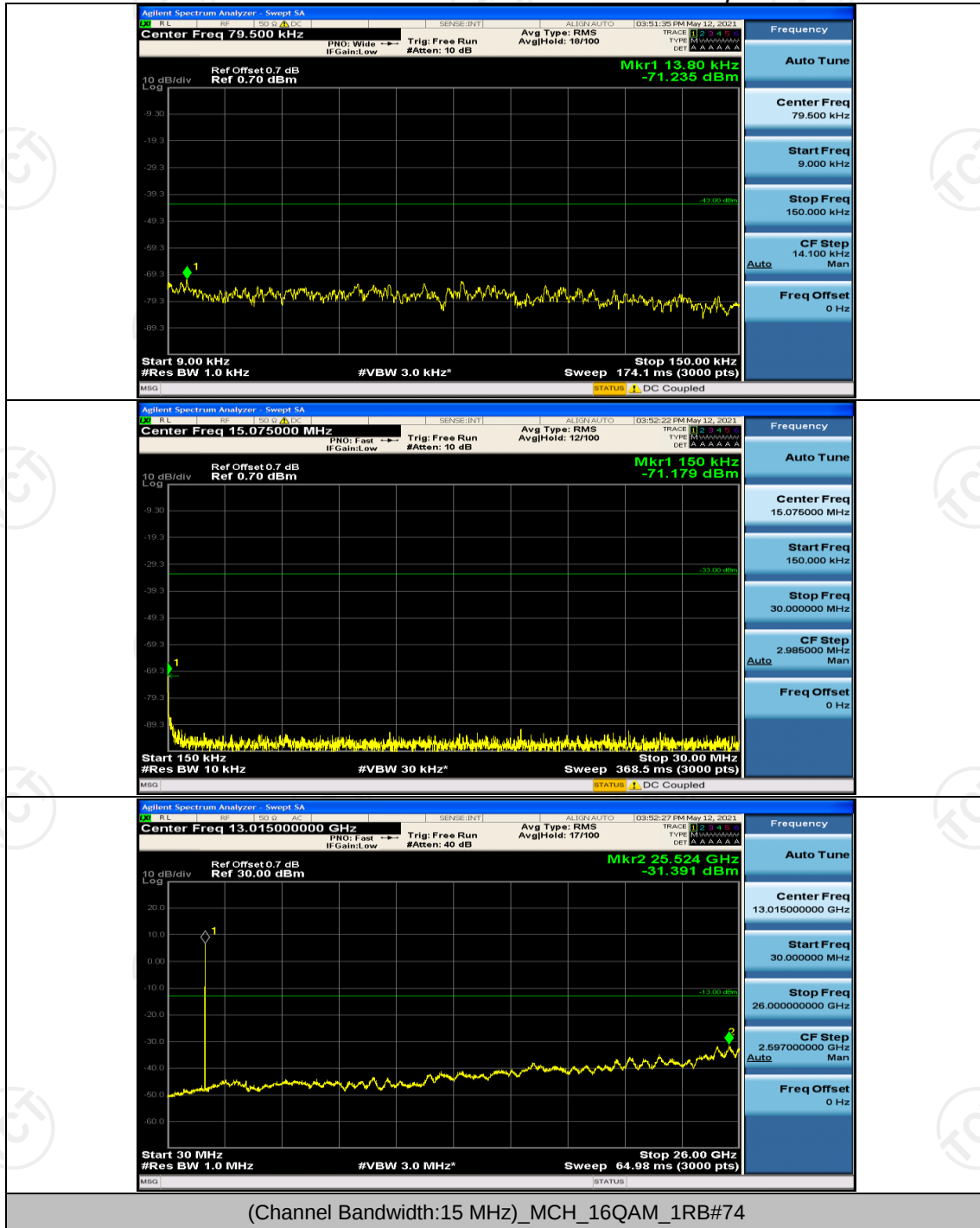
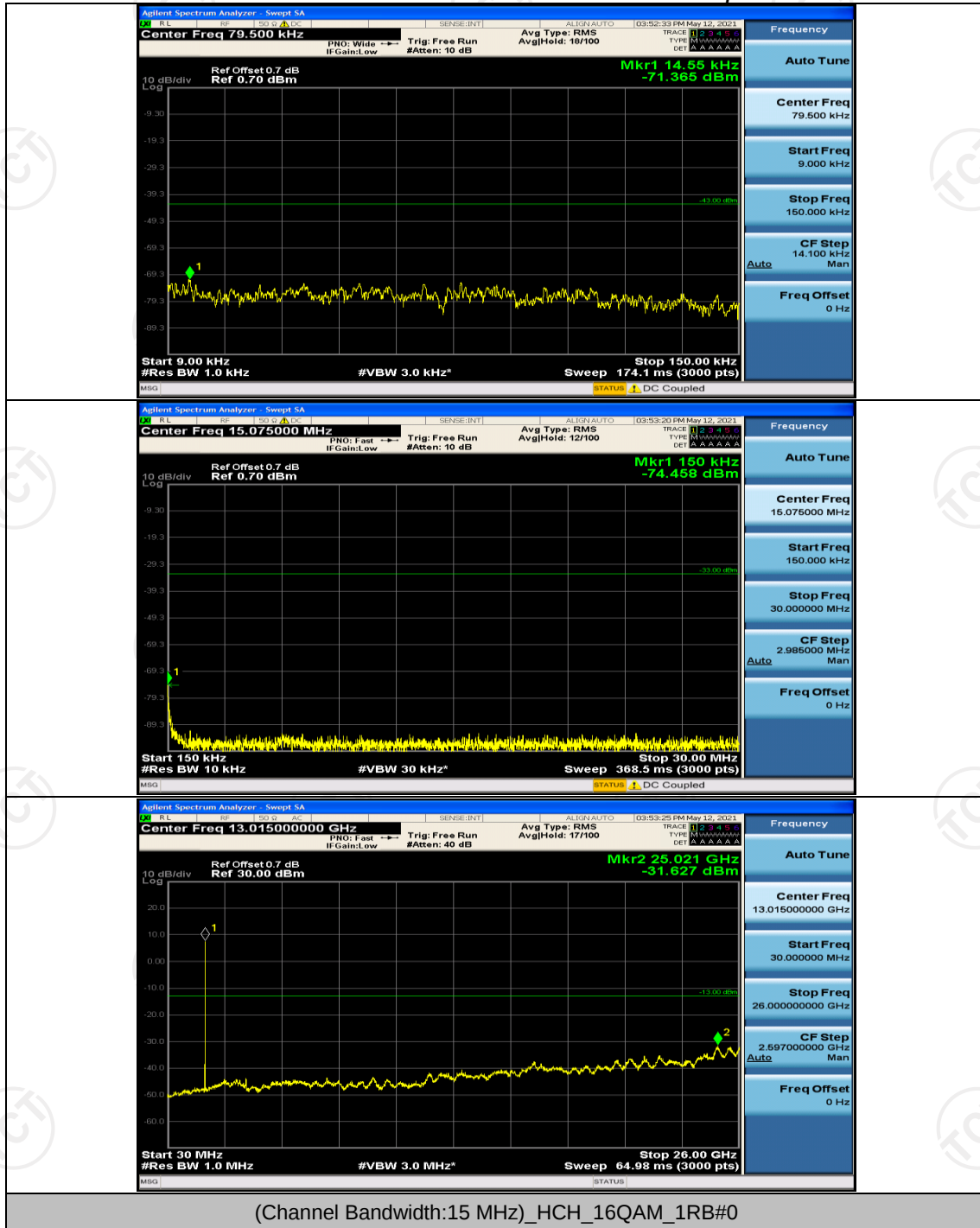


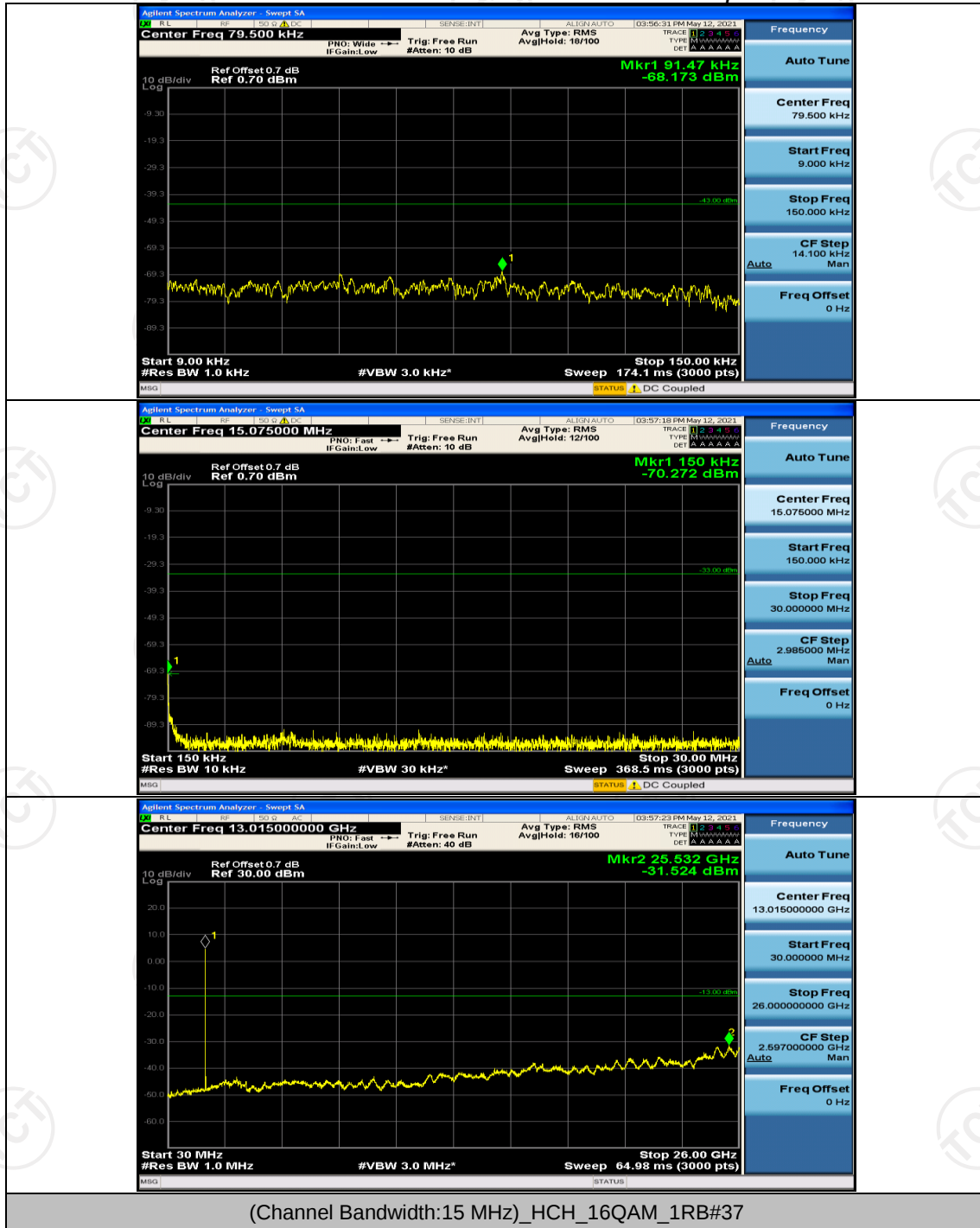


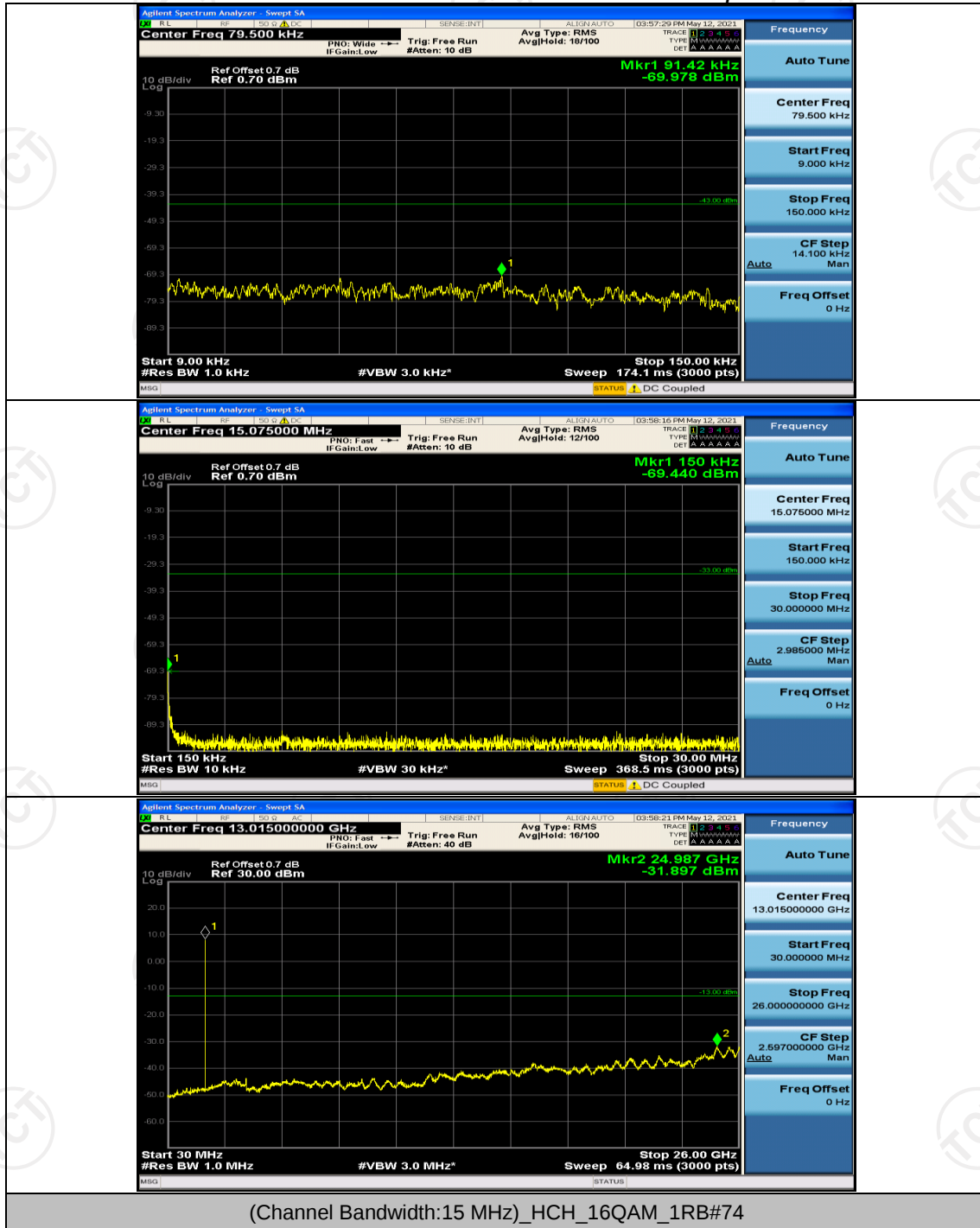


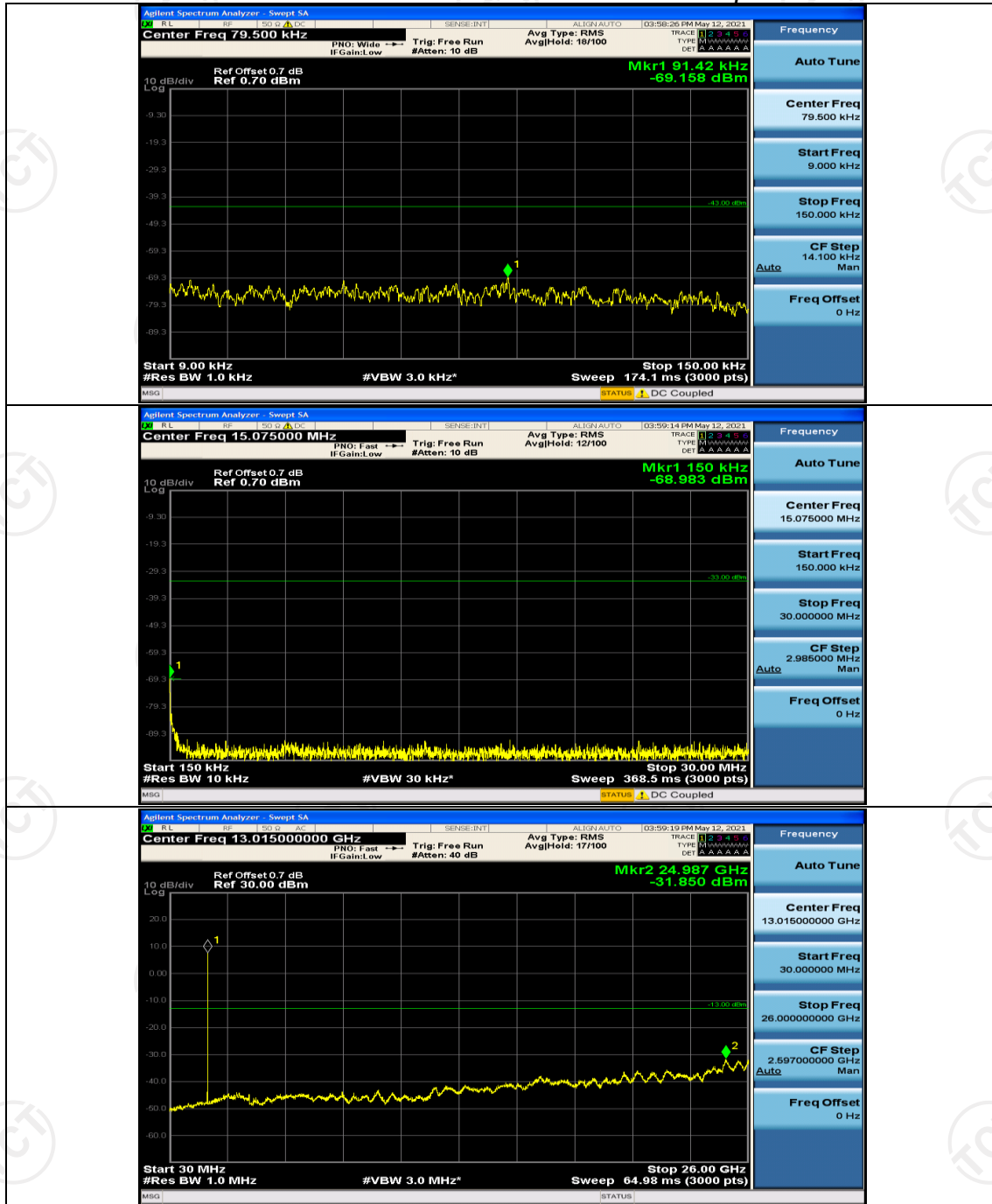






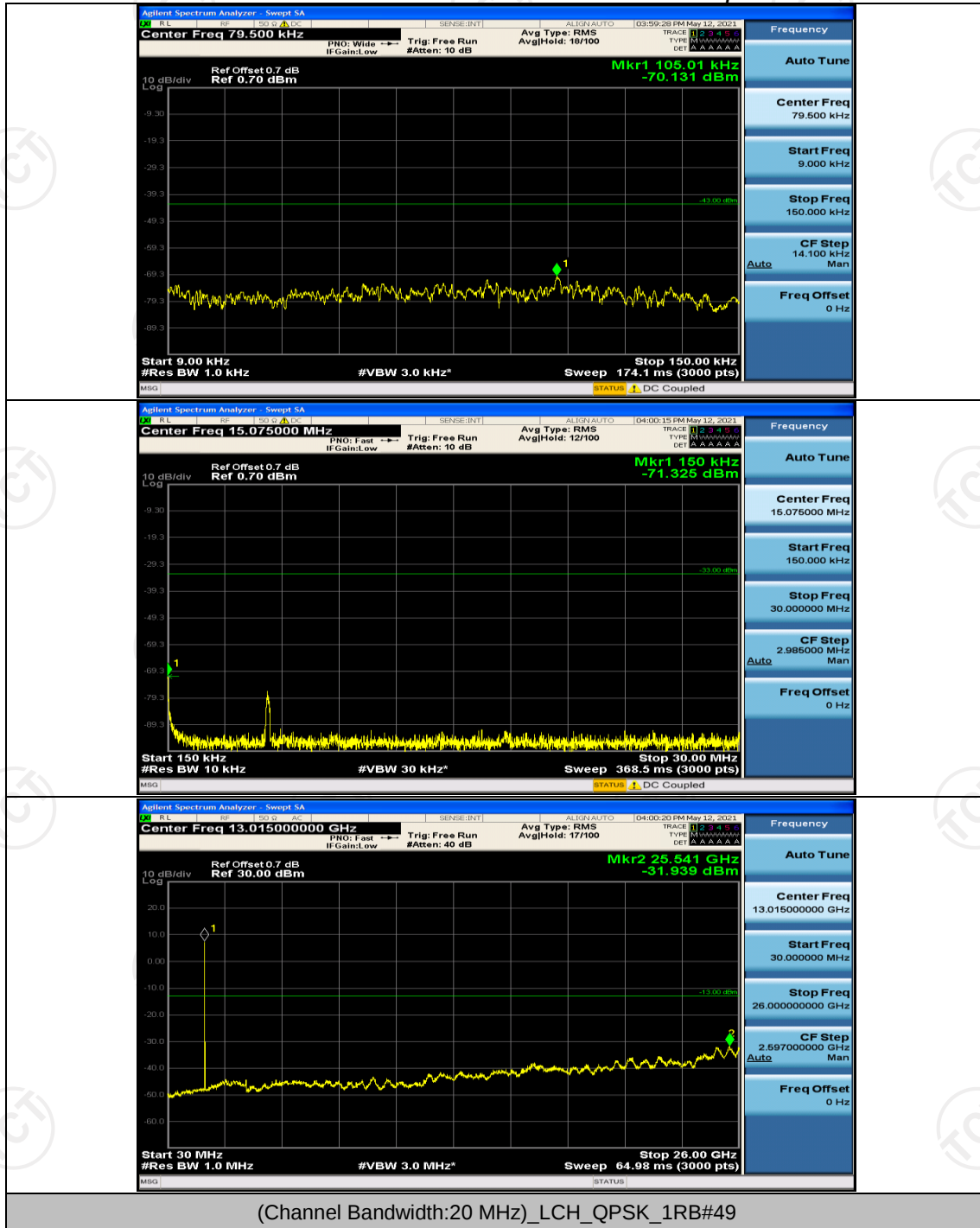


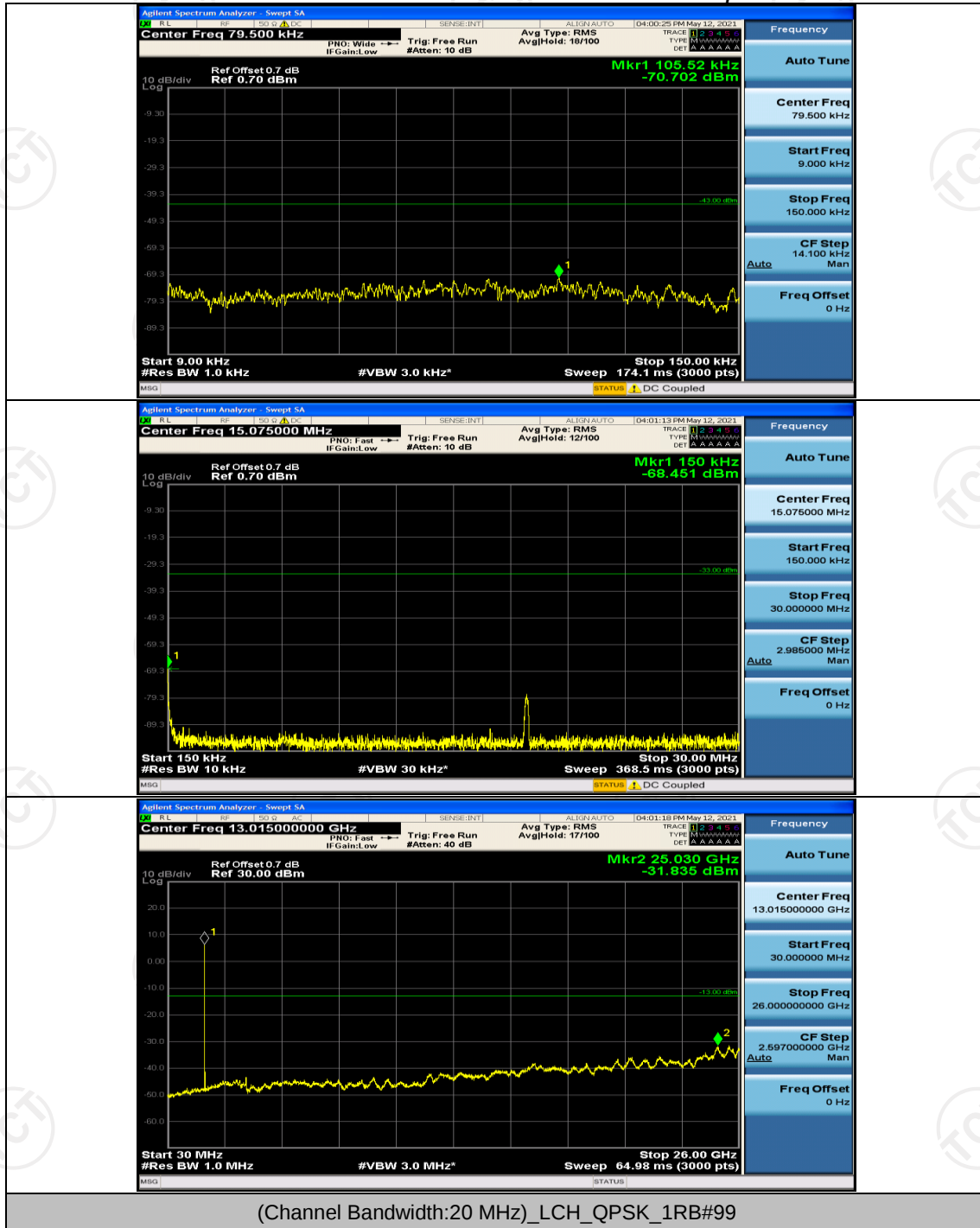


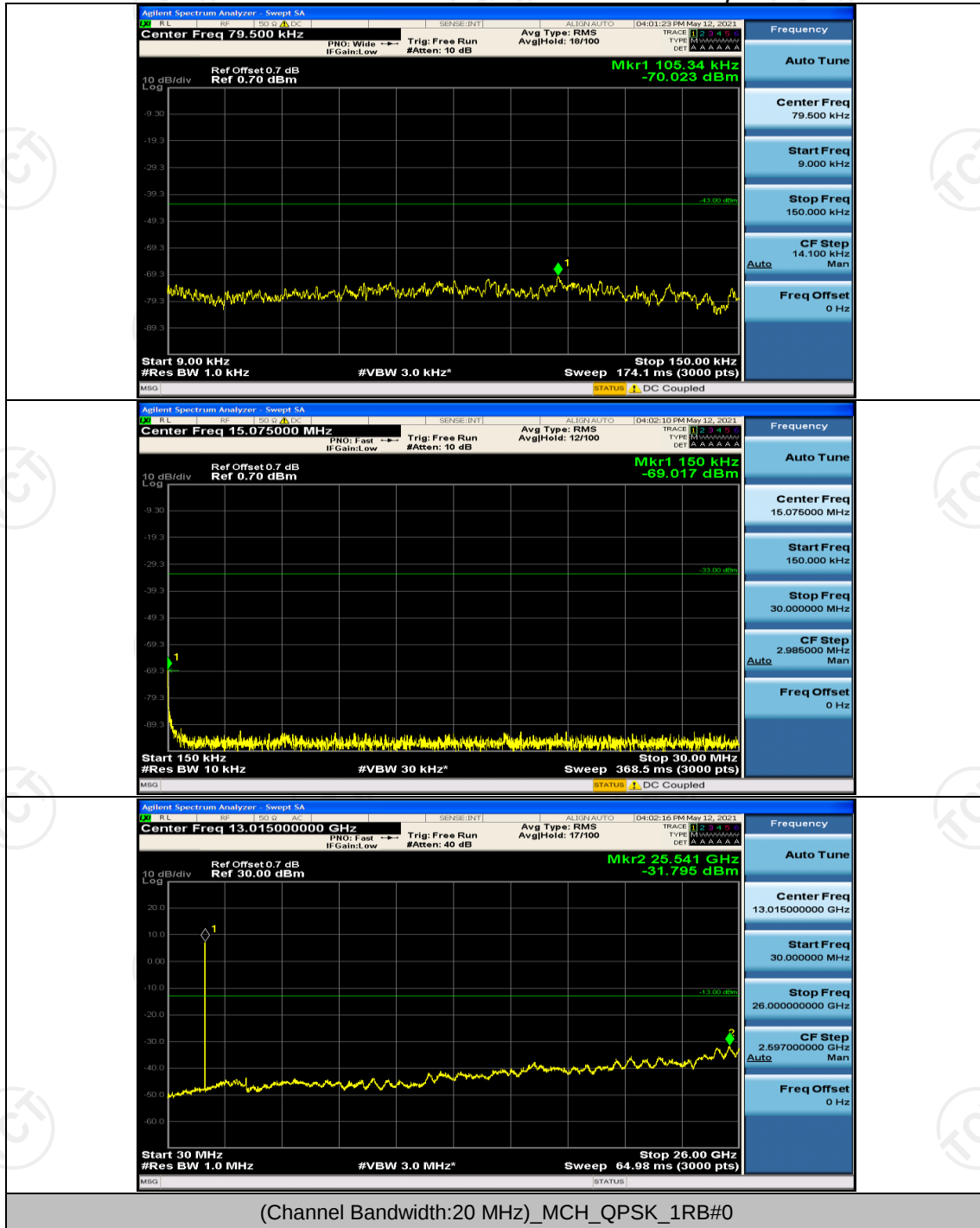


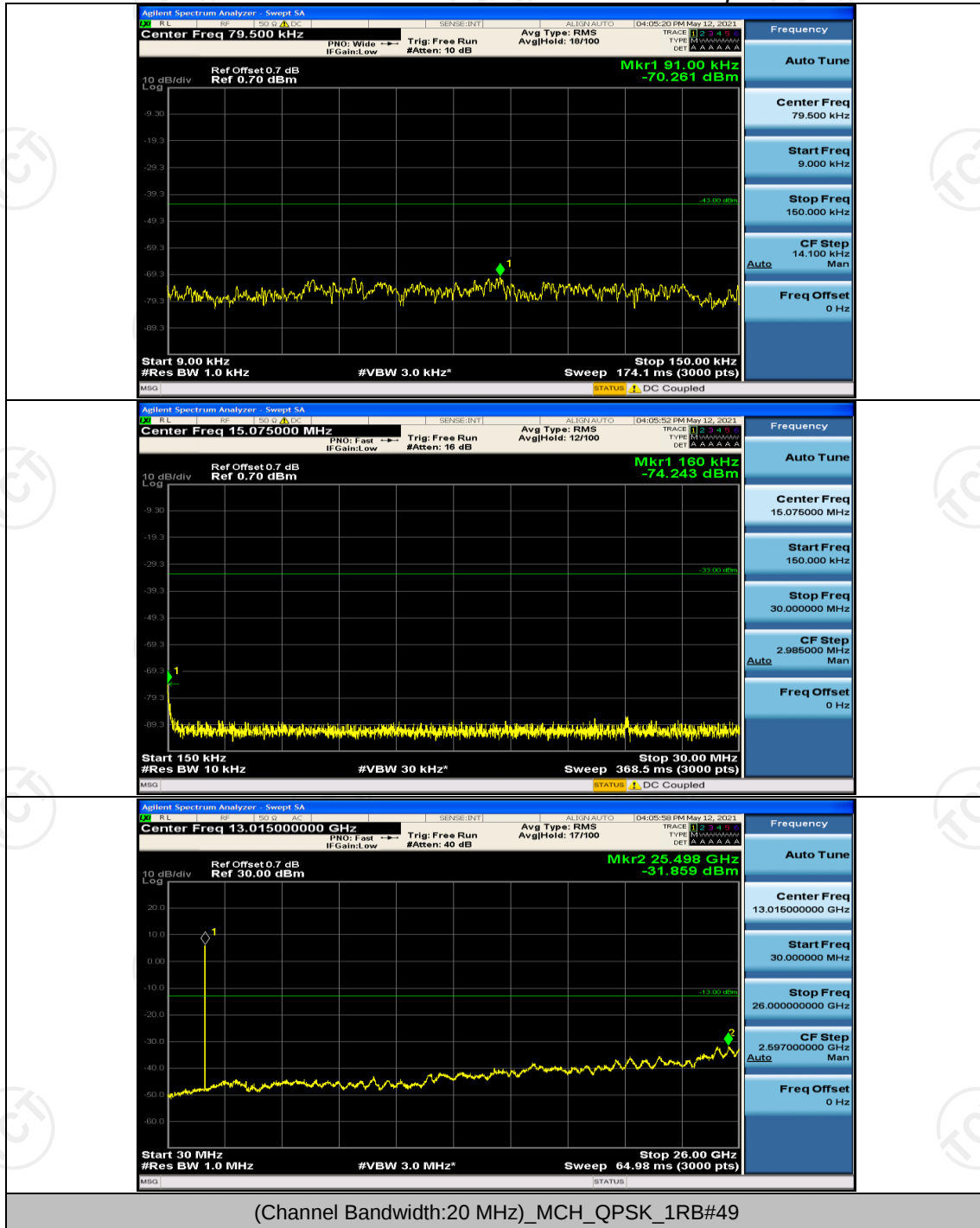
Channel Bandwidth: 20 MHz

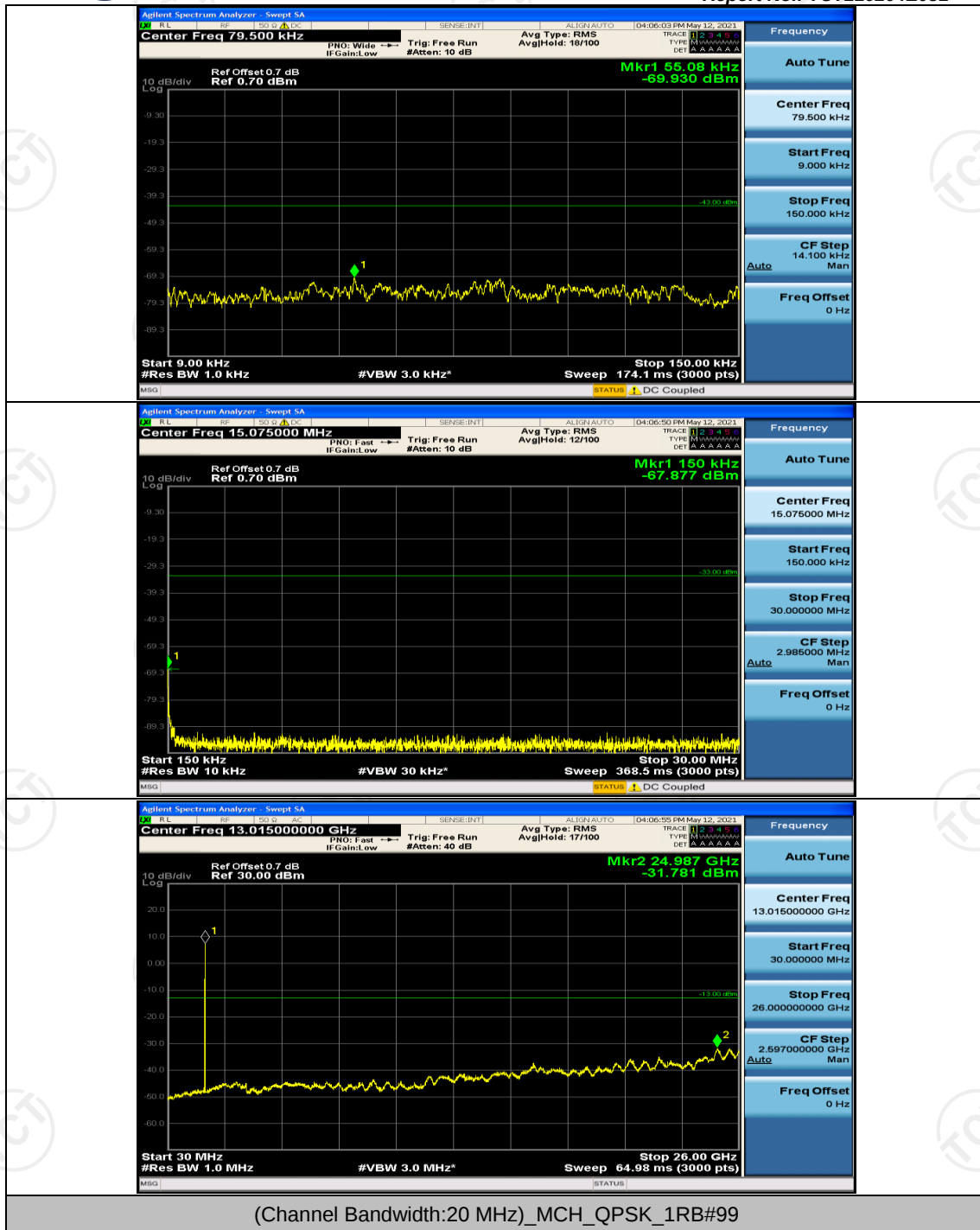
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0

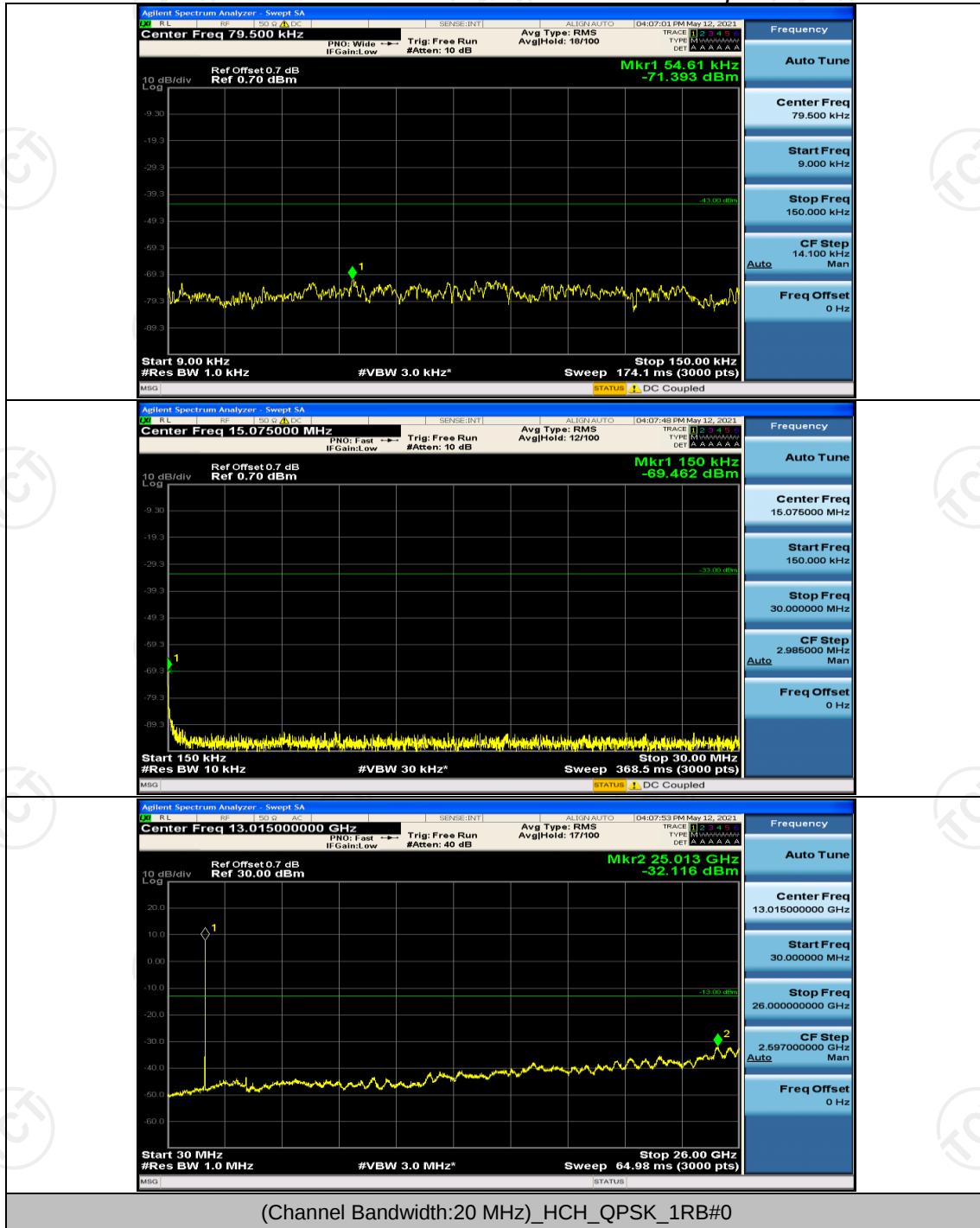


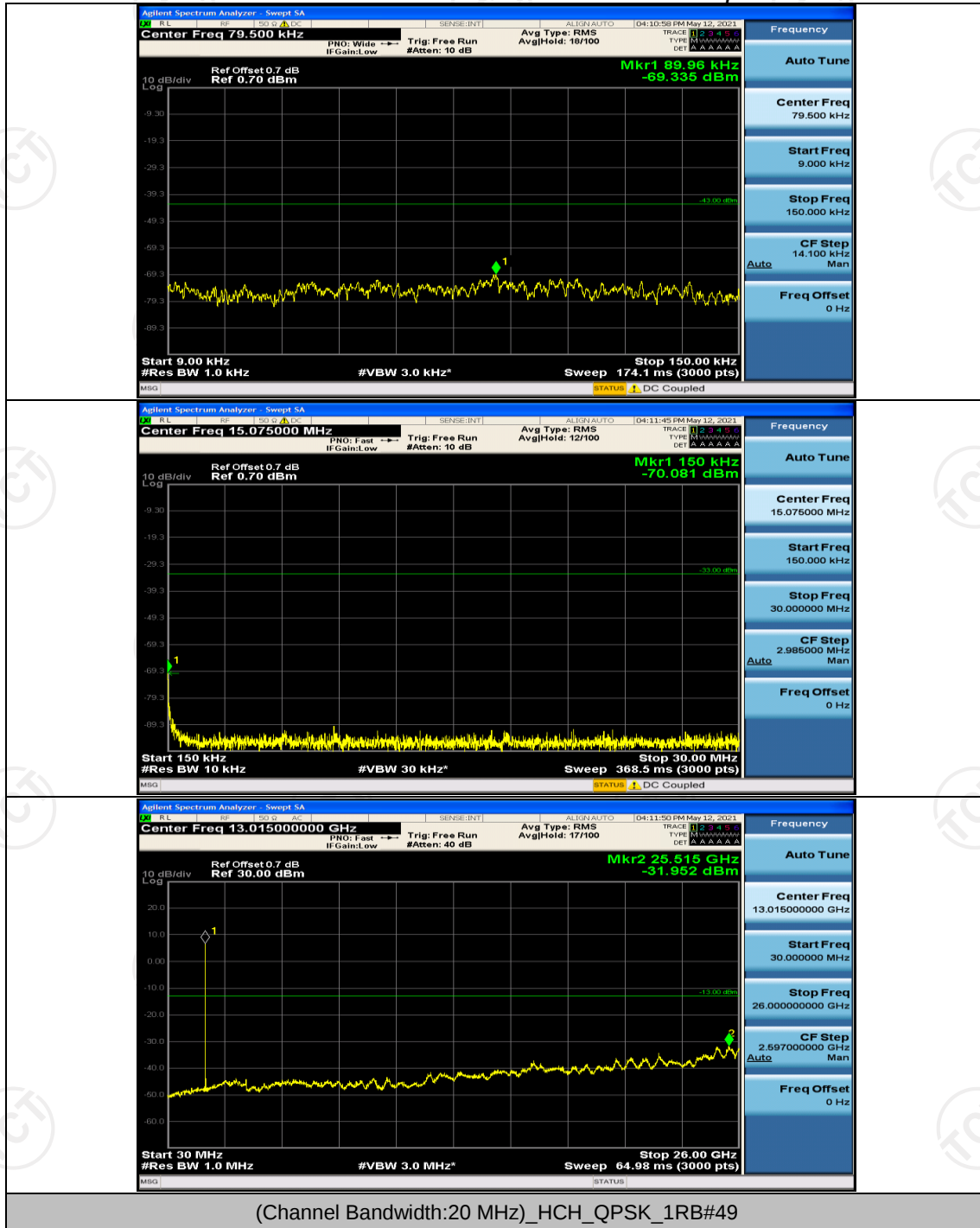


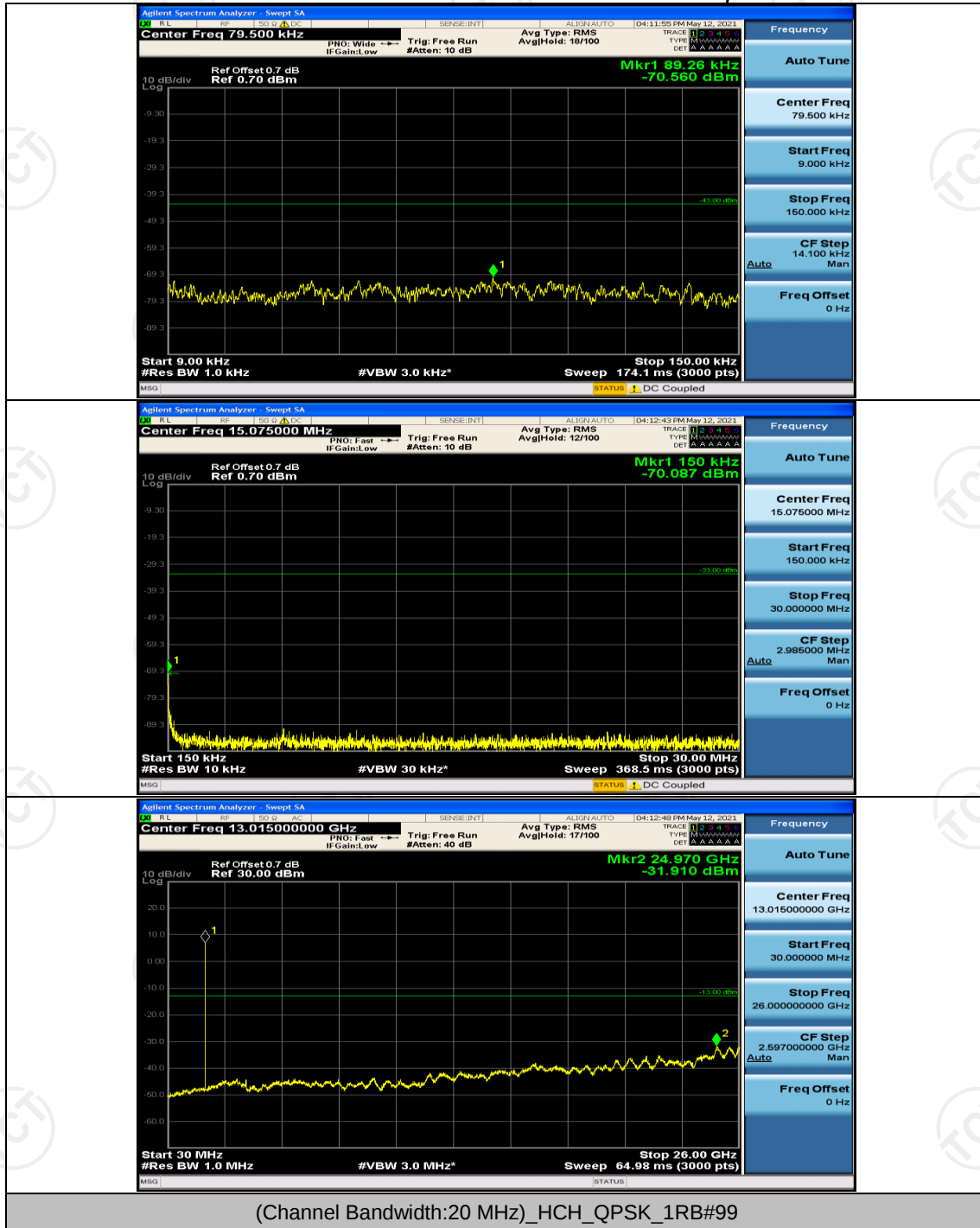


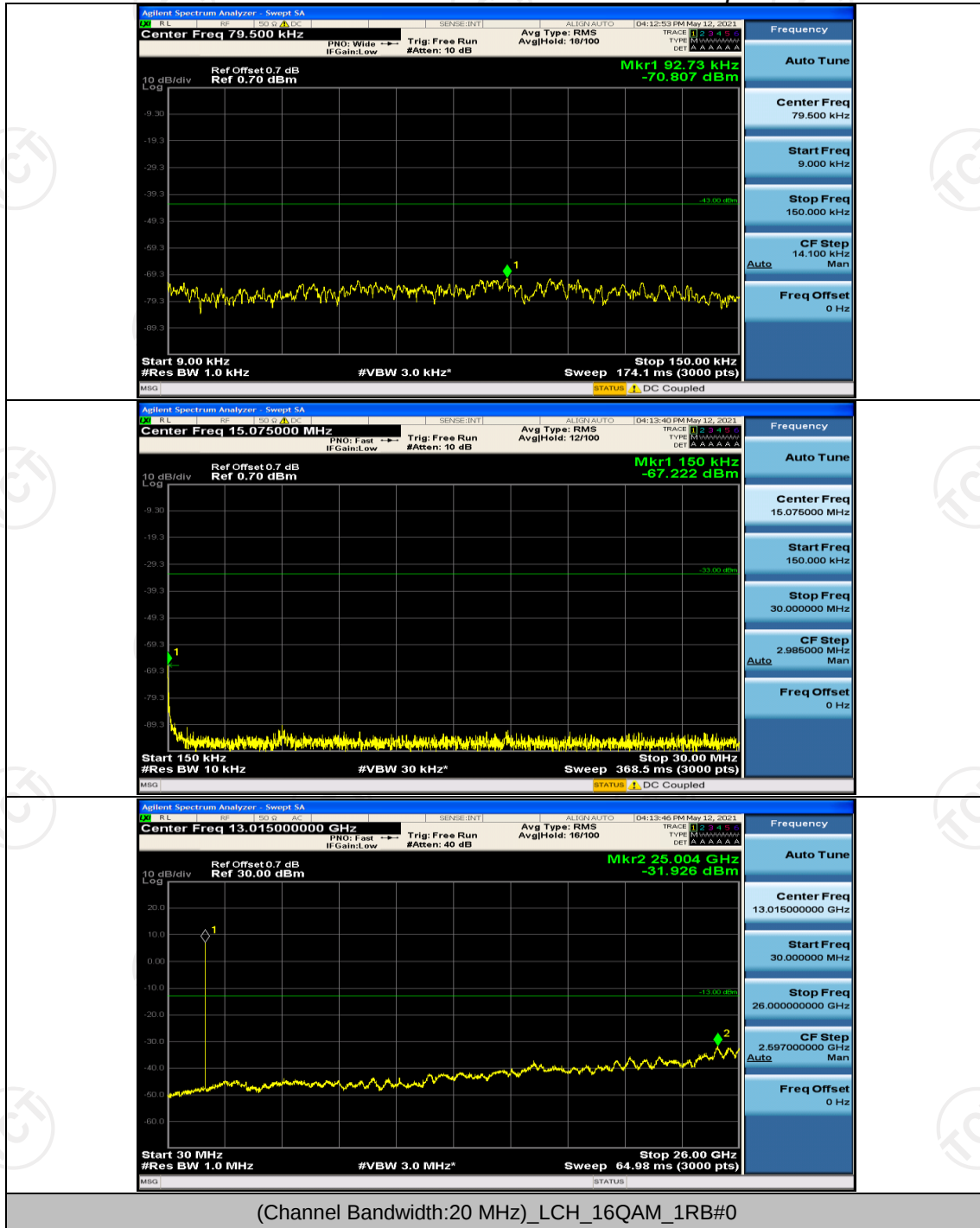


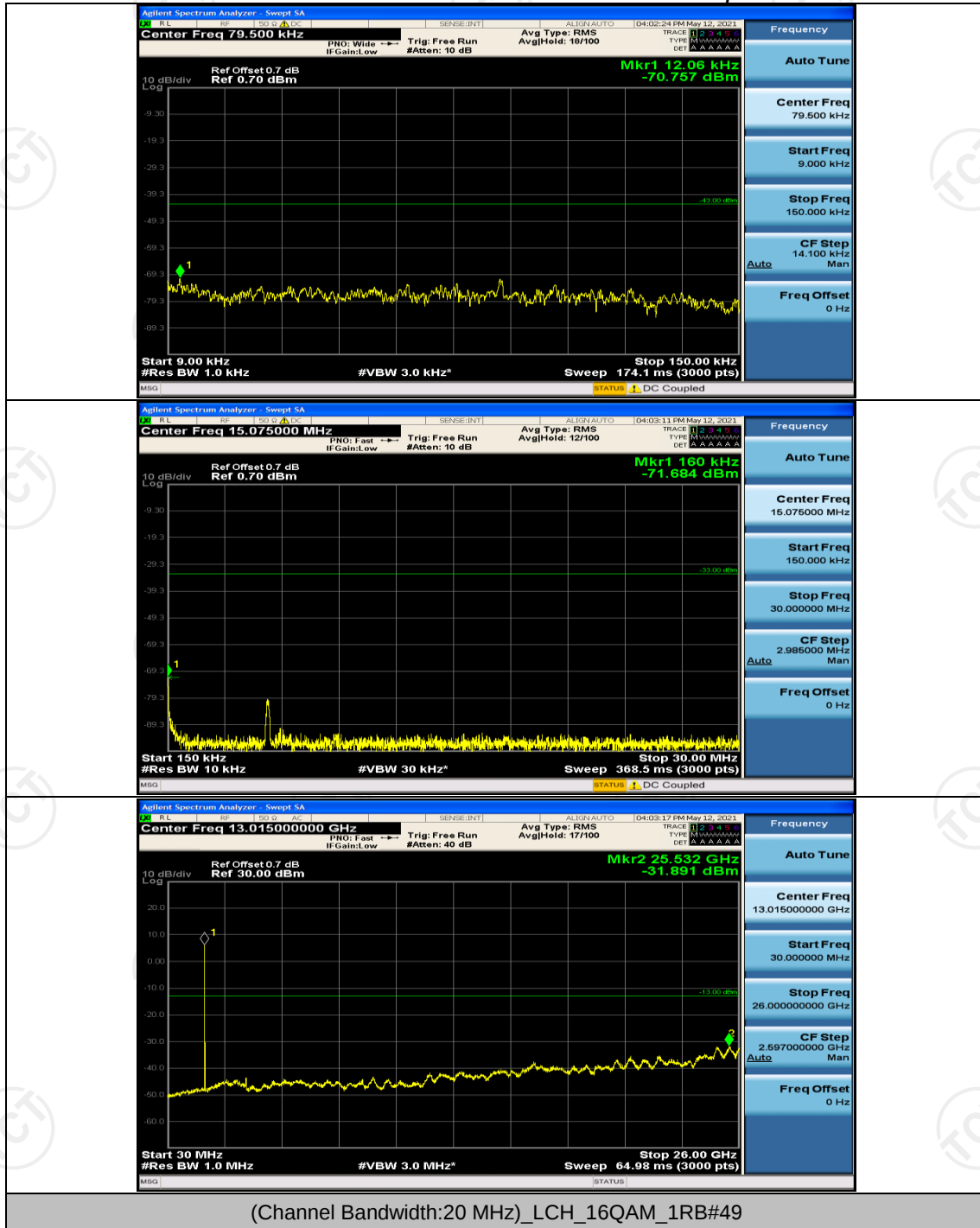


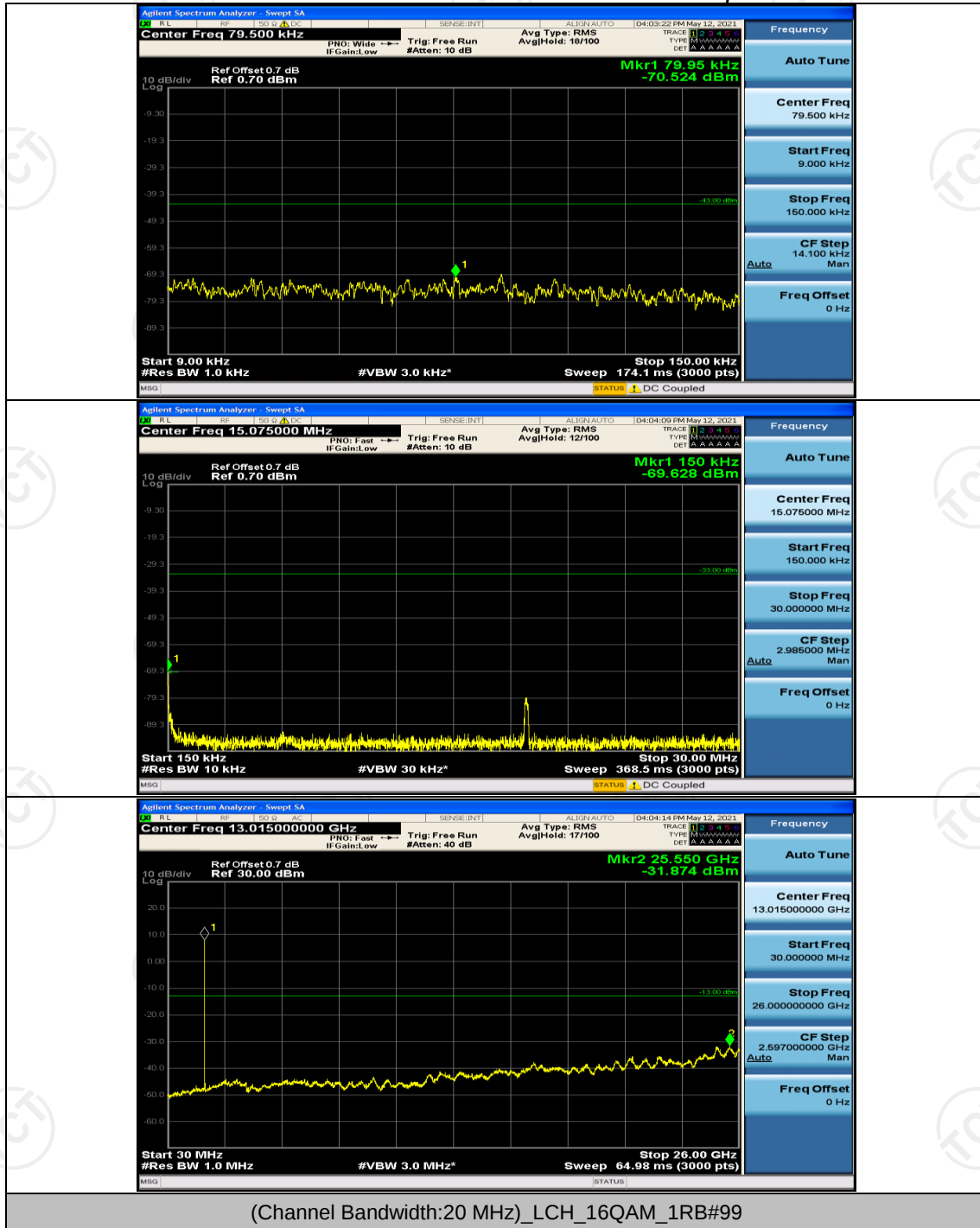


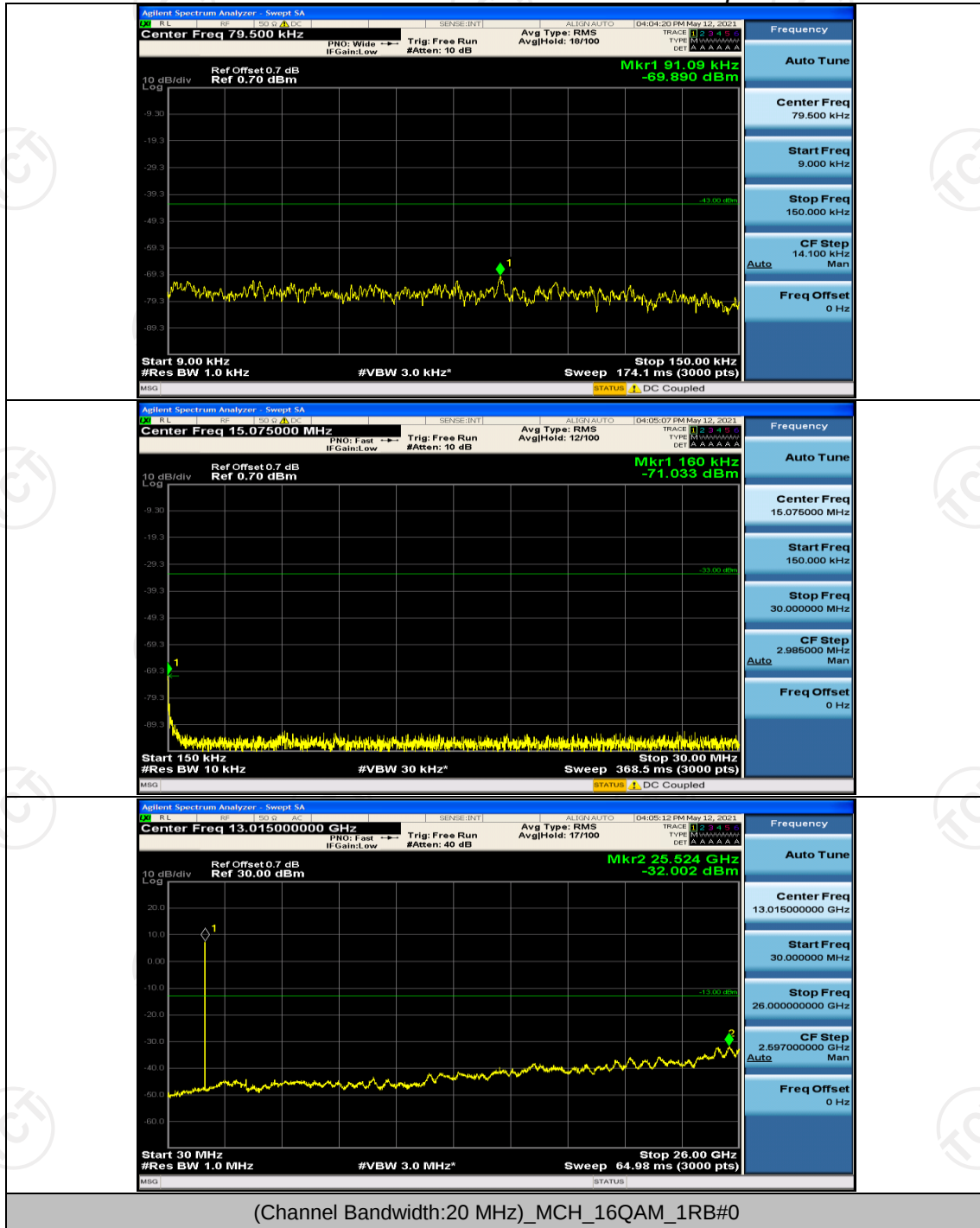


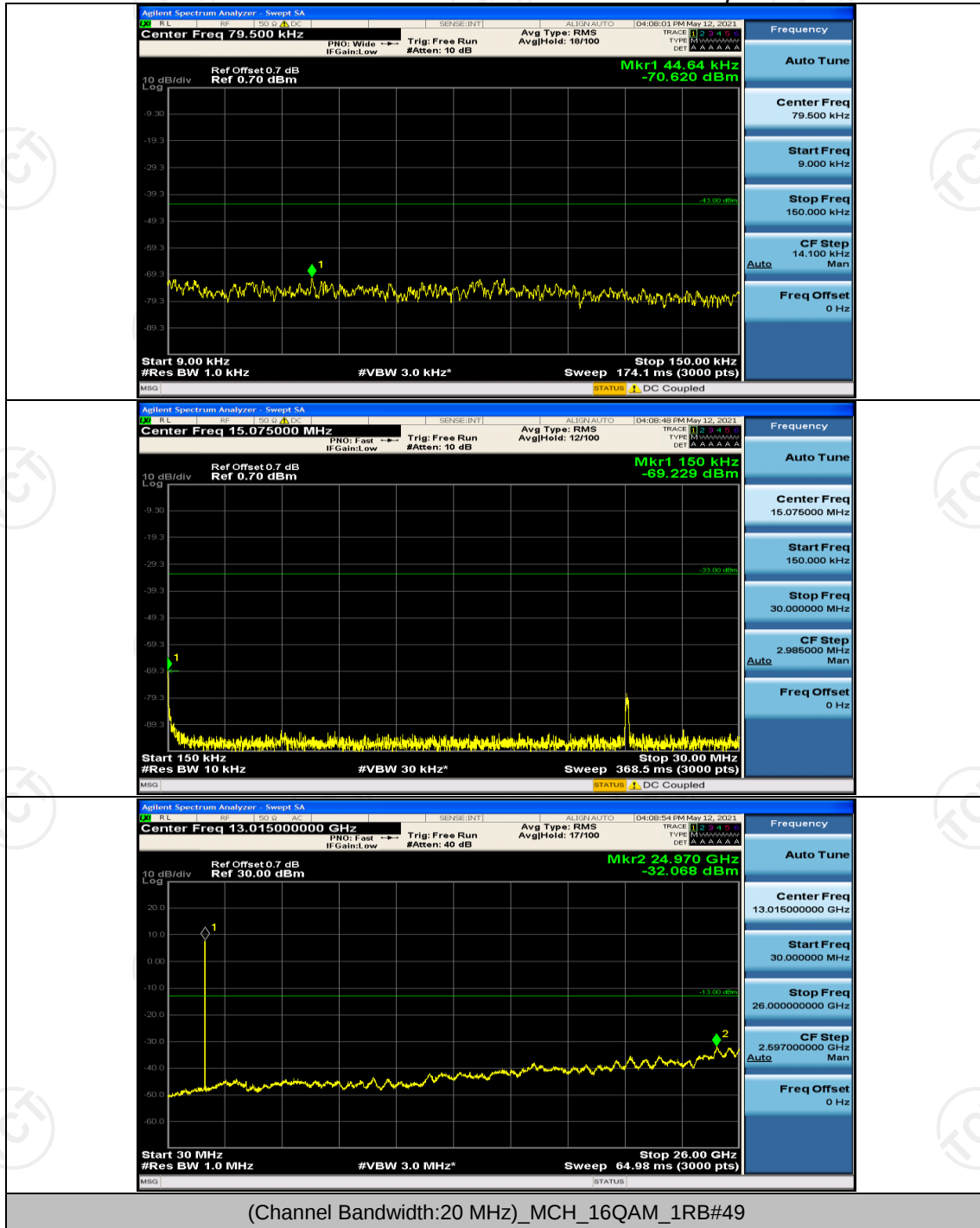


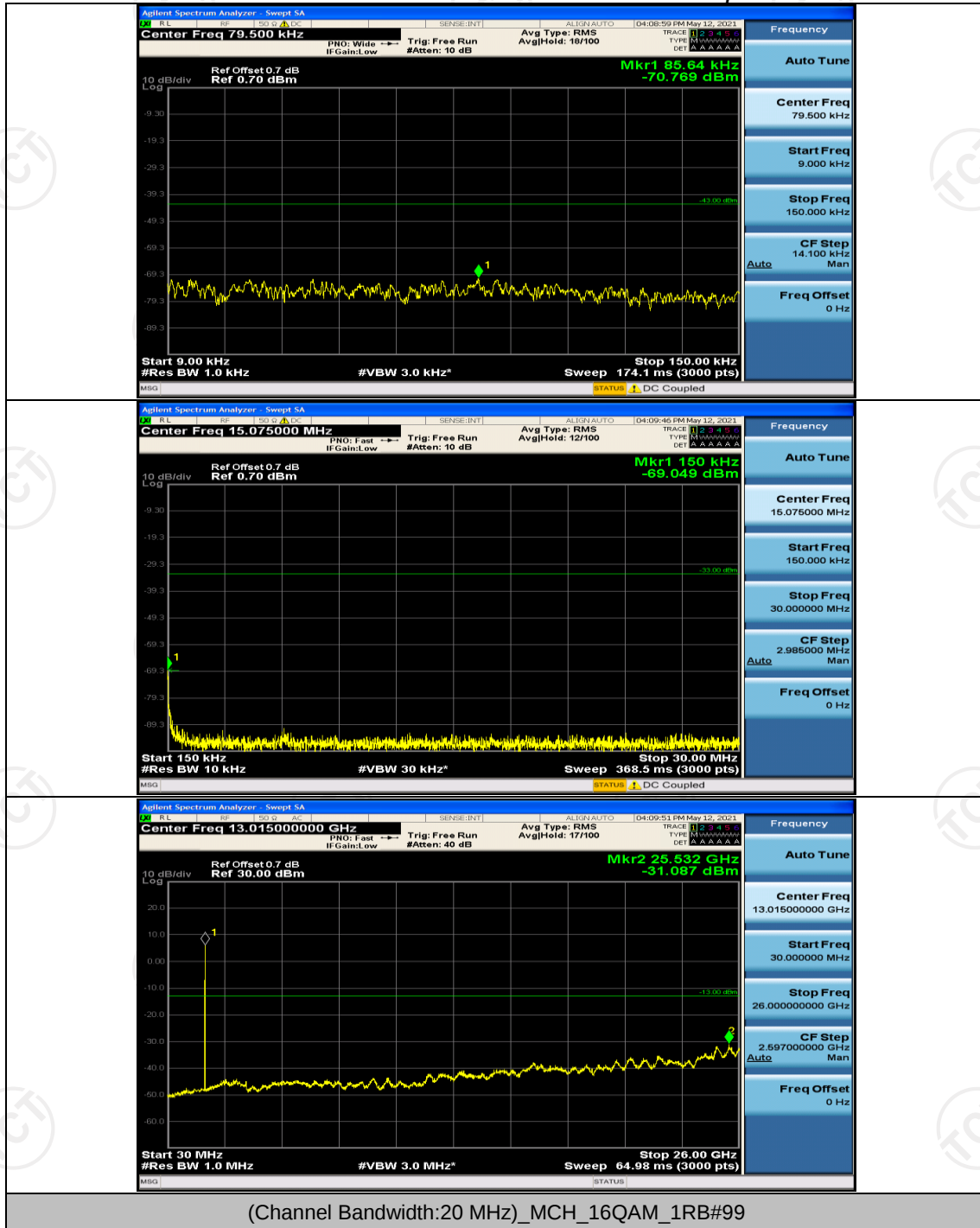


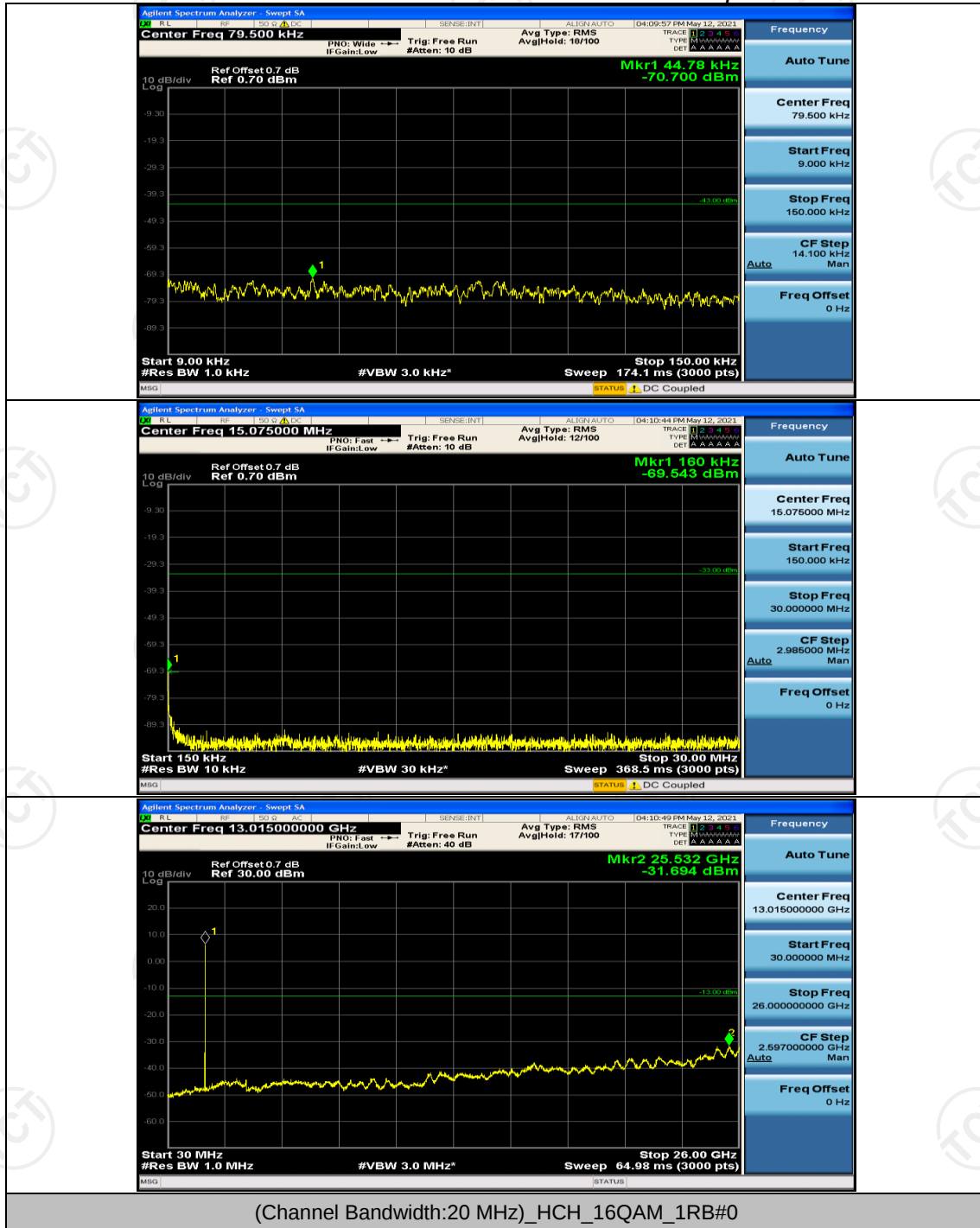


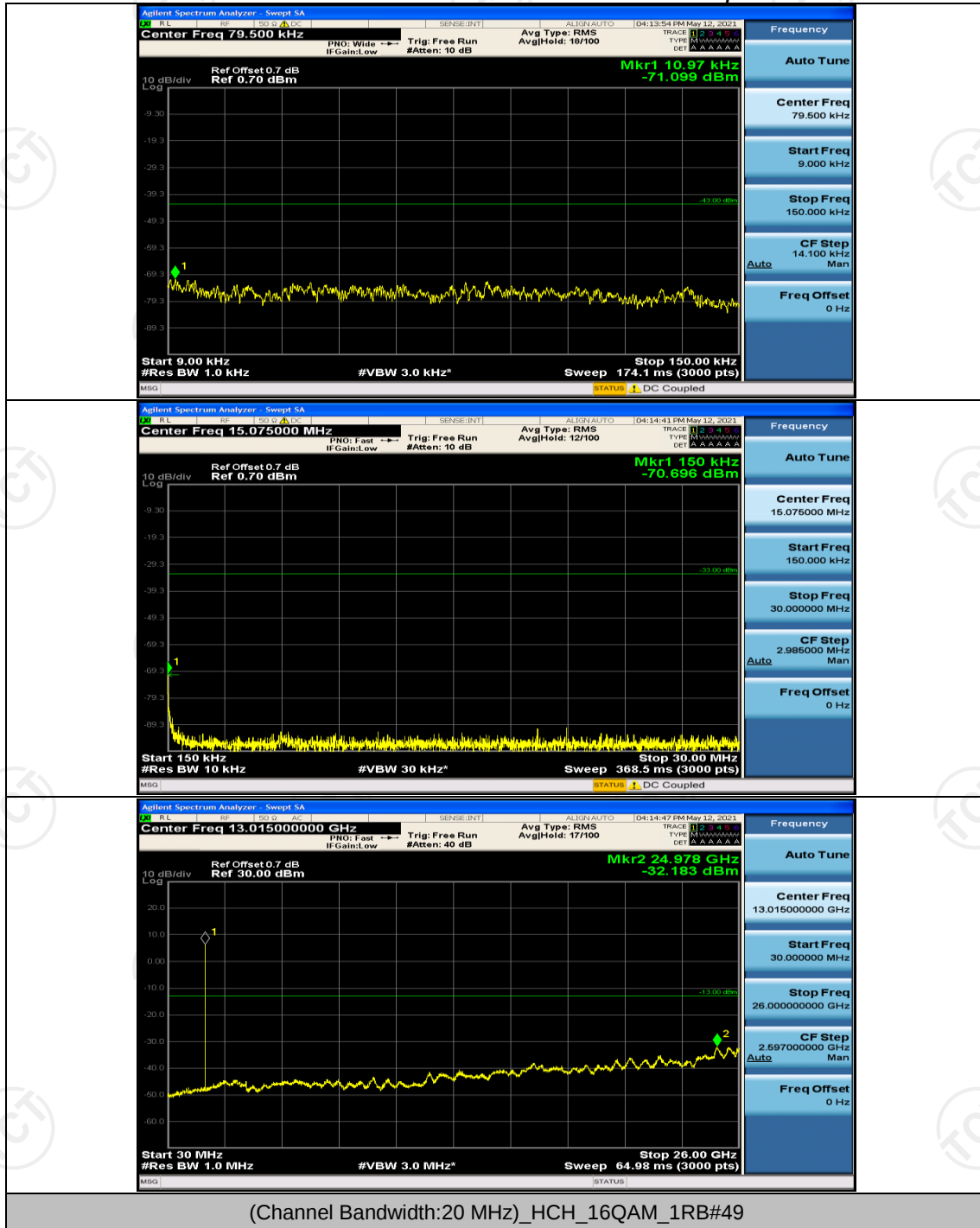


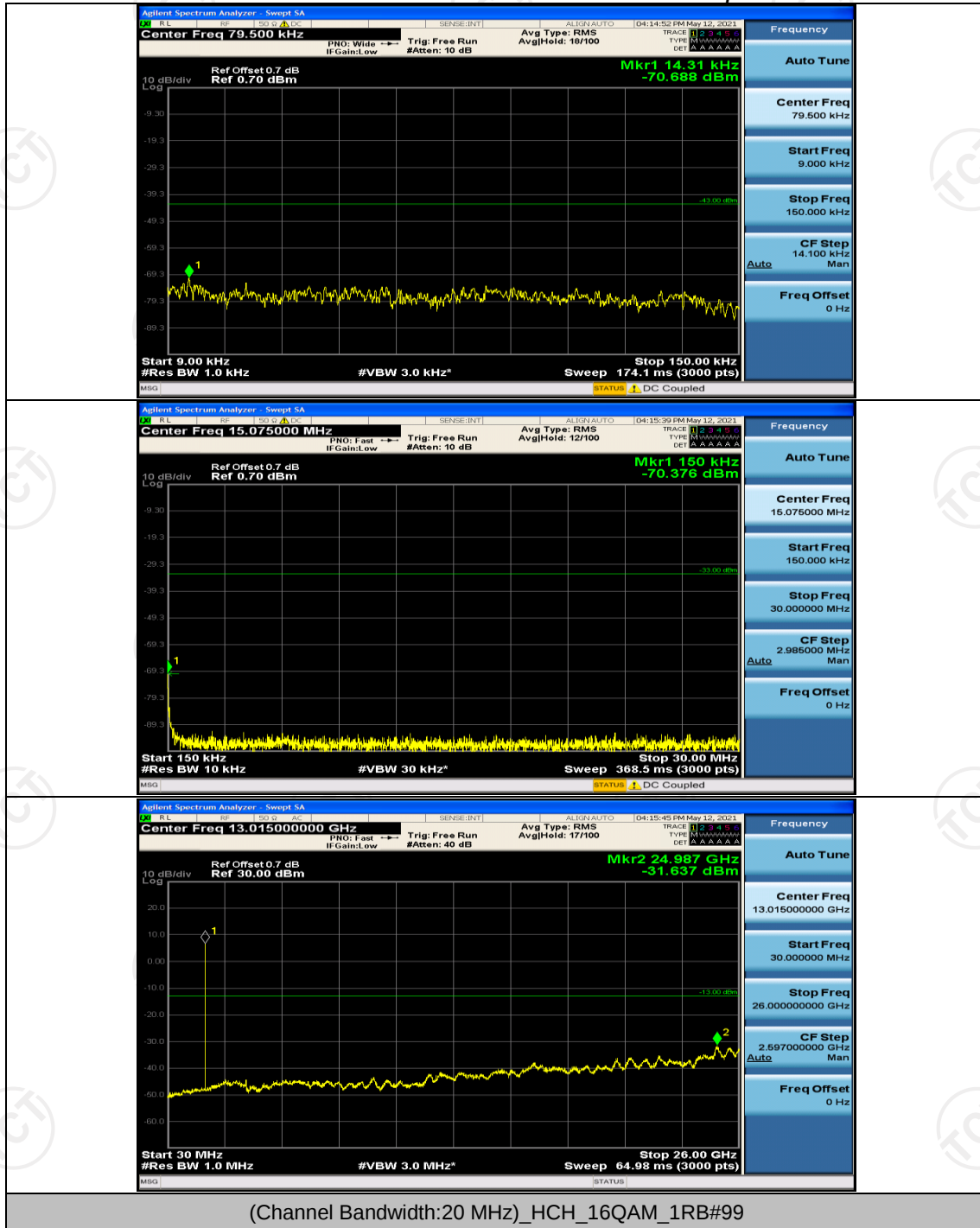


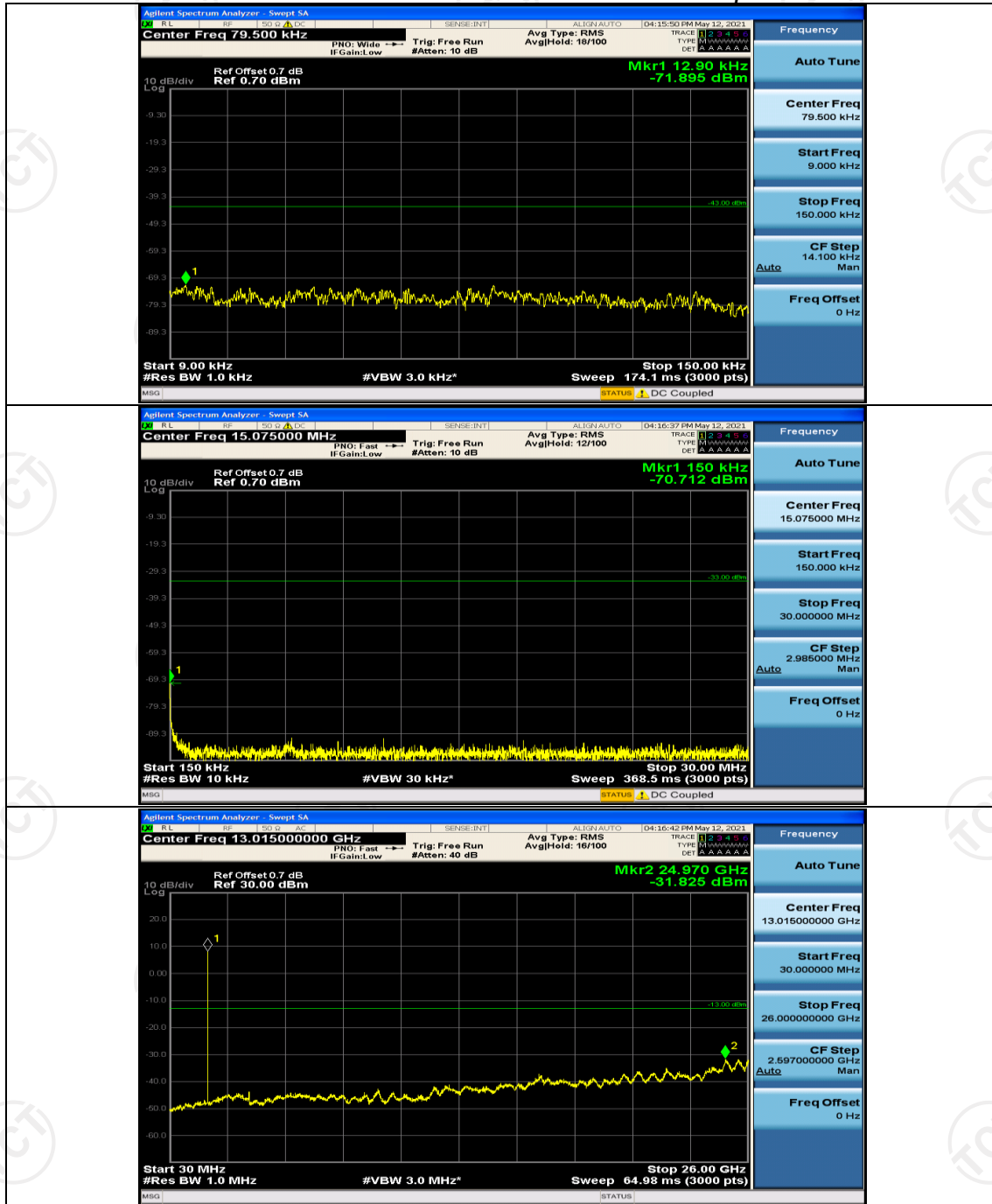












Appendix F: Frequency Stability

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	3.35	25	9.48	0.005404	± 2.5	PASS
		3.85	25	12.77	0.007279	± 2.5	PASS
		4.45	25	15.51	0.008836	± 2.5	PASS
	MCH	3.35	25	39.73	0.022635	± 2.5	PASS
		3.85	25	22.09	0.012585	± 2.5	PASS
		4.45	25	12.06	0.007042	± 2.5	PASS
	HCH	3.35	25	-9.48	-0.005538	± 2.5	PASS
		3.85	25	13.15	0.007677	± 2.5	PASS
		4.45	25	37.29	0.021777	± 2.5	PASS
16QAM	LCH	3.35	25	-9.24	-0.005199	± 2.5	PASS
		3.85	25	-12.69	-0.007138	± 2.5	PASS
		4.45	25	-20.96	-0.011790	± 2.5	PASS
	MCH	3.35	25	-33.67	-0.018945	± 2.5	PASS
		3.85	25	9.51	0.005420	± 2.5	PASS
		4.45	25	-8.01	-0.004565	± 2.5	PASS
	HCH	3.35	25	-35.09	-0.019995	± 2.5	PASS
		3.85	25	-16.05	-0.009145	± 2.5	PASS
		4.45	25	-25.75	-0.014672	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	3.85	-30	33.06	0.019305	± 2.5	PASS
		3.85	-20	-27.14	-0.015856	± 2.5	PASS
		3.85	-10	-20.23	-0.011819	± 2.5	PASS
		3.85	0	-47.54	-0.027774	± 2.5	PASS
		3.85	10	-20.43	-0.011936	± 2.5	PASS
		3.85	20	8.54	0.004992	± 2.5	PASS
		3.85	30	-23.89	-0.013965	± 2.5	PASS
		3.85	40	-9.73	-0.005686	± 2.5	PASS
		3.85	50	-2.16	-0.001263	± 2.5	PASS
	MCH	3.85	-30	-2.45	-0.001375	± 2.5	PASS
		3.85	-20	-24.46	-0.013938	± 2.5	PASS
		3.85	-10	-3.72	-0.002119	± 2.5	PASS

		3.85	0	-24.09	-0.013726	± 2.5	PASS
		3.85	10	-38.68	-0.022040	± 2.5	PASS
		3.85	20	-5.28	-0.003008	± 2.5	PASS
		3.85	30	0.40	0.000228	± 2.5	PASS
		3.85	40	-31.37	-0.017875	± 2.5	PASS
		3.85	50	-15.32	-0.008730	± 2.5	PASS
	HCH	3.85	-30	-1.65	-0.000937	± 2.5	PASS
		3.85	-20	18.64	0.010480	± 2.5	PASS
		3.85	-10	39.00	0.021926	± 2.5	PASS
		3.85	0	14.91	0.008381	± 2.5	PASS
		3.85	10	19.97	0.011229	± 2.5	PASS
		3.85	20	-16.91	-0.009503	± 2.5	PASS
		3.85	30	-20.90	-0.011746	± 2.5	PASS
		3.85	40	-23.56	-0.013241	± 2.5	PASS
		3.85	50	-11.17	-0.006279	± 2.5	PASS
16QAM	LCH	3.85	-30	-2.63	-0.001500	± 2.5	PASS
		3.85	-20	34.36	0.019579	± 2.5	PASS
		3.85	-10	15.78	0.008991	± 2.5	PASS
		3.85	0	35.02	0.019954	± 2.5	PASS
		3.85	10	0.31	0.000177	± 2.5	PASS
		3.85	20	18.01	0.010528	± 2.5	PASS
		3.85	30	5.81	0.003395	± 2.5	PASS
		3.85	40	24.91	0.014558	± 2.5	PASS
		3.85	50	3.25	0.001898	± 2.5	PASS
	MCH	3.85	-30	-7.38	-0.004206	± 2.5	PASS
		3.85	-20	4.59	0.002683	± 2.5	PASS
		3.85	-10	-12.33	-0.007205	± 2.5	PASS
		3.85	0	16.19	0.009462	± 2.5	PASS
		3.85	10	4.89	0.002859	± 2.5	PASS
		3.85	20	2.83	0.001614	± 2.5	PASS
		3.85	30	35.83	0.020418	± 2.5	PASS
		3.85	40	22.04	0.012561	± 2.5	PASS
		3.85	50	44.90	0.025586	± 2.5	PASS
	HCH	3.85	-30	-21.51	-0.012097	± 2.5	PASS
		3.85	-20	-0.54	-0.000306	± 2.5	PASS
		3.85	-10	-11.43	-0.006427	± 2.5	PASS
		3.85	0	-12.10	-0.006805	± 2.5	PASS
		3.85	10	-1.29	-0.000752	± 2.5	PASS
		3.85	20	-1.60	-0.000900	± 2.5	PASS
		3.85	30	9.03	0.005073	± 2.5	PASS
		3.85	40	29.17	0.016393	± 2.5	PASS

		3.85	50	36.23	0.020365	± 2.5	PASS
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