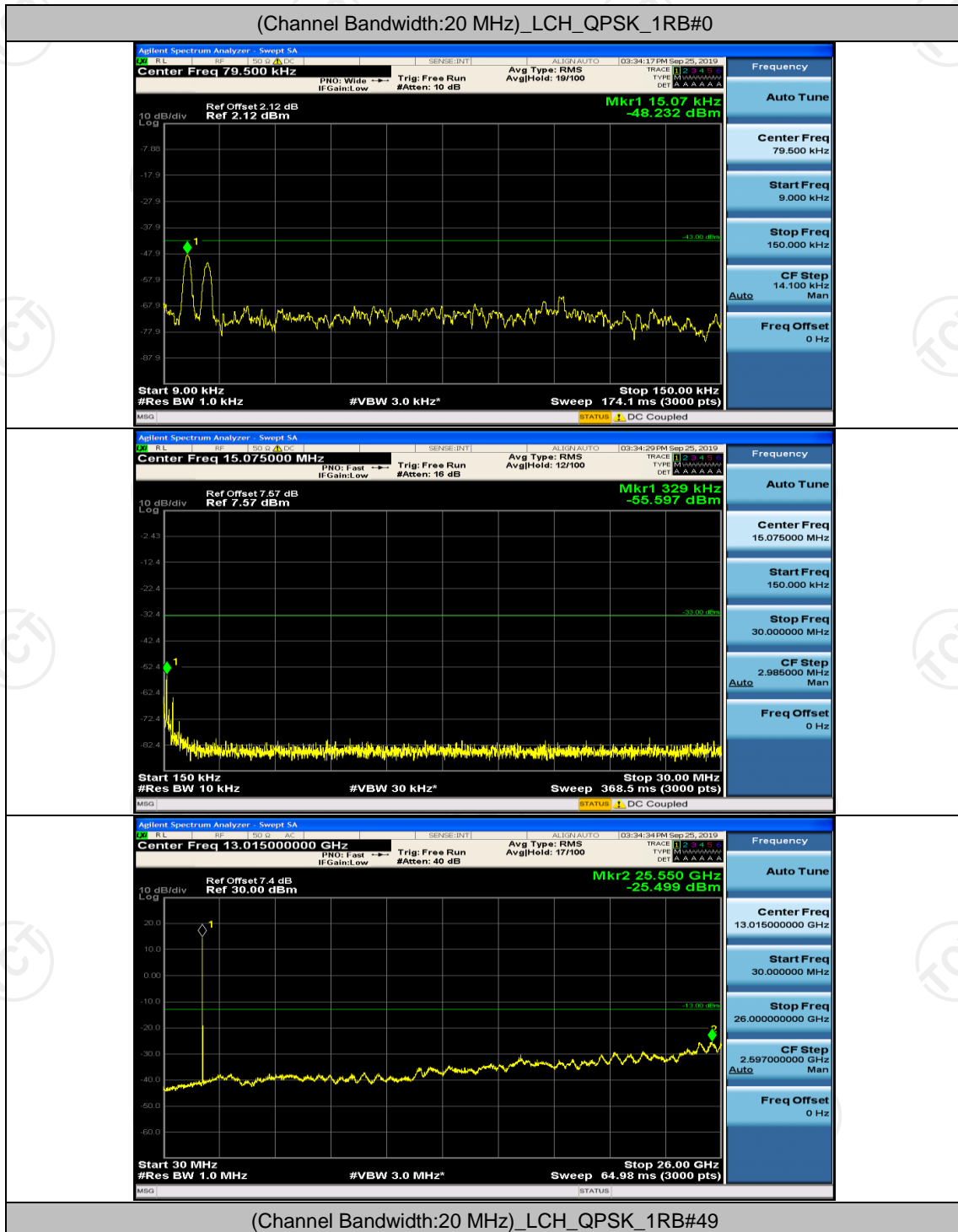
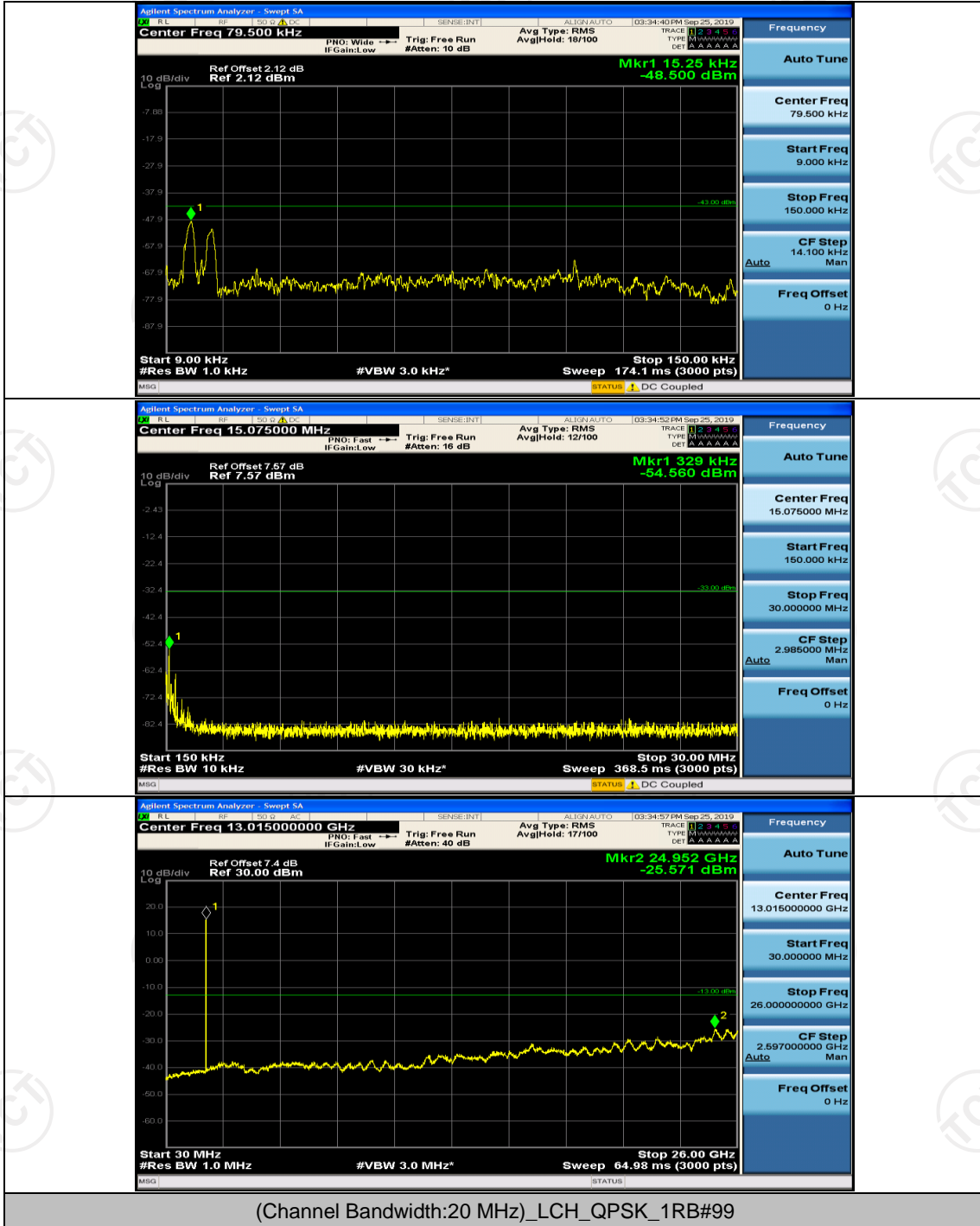
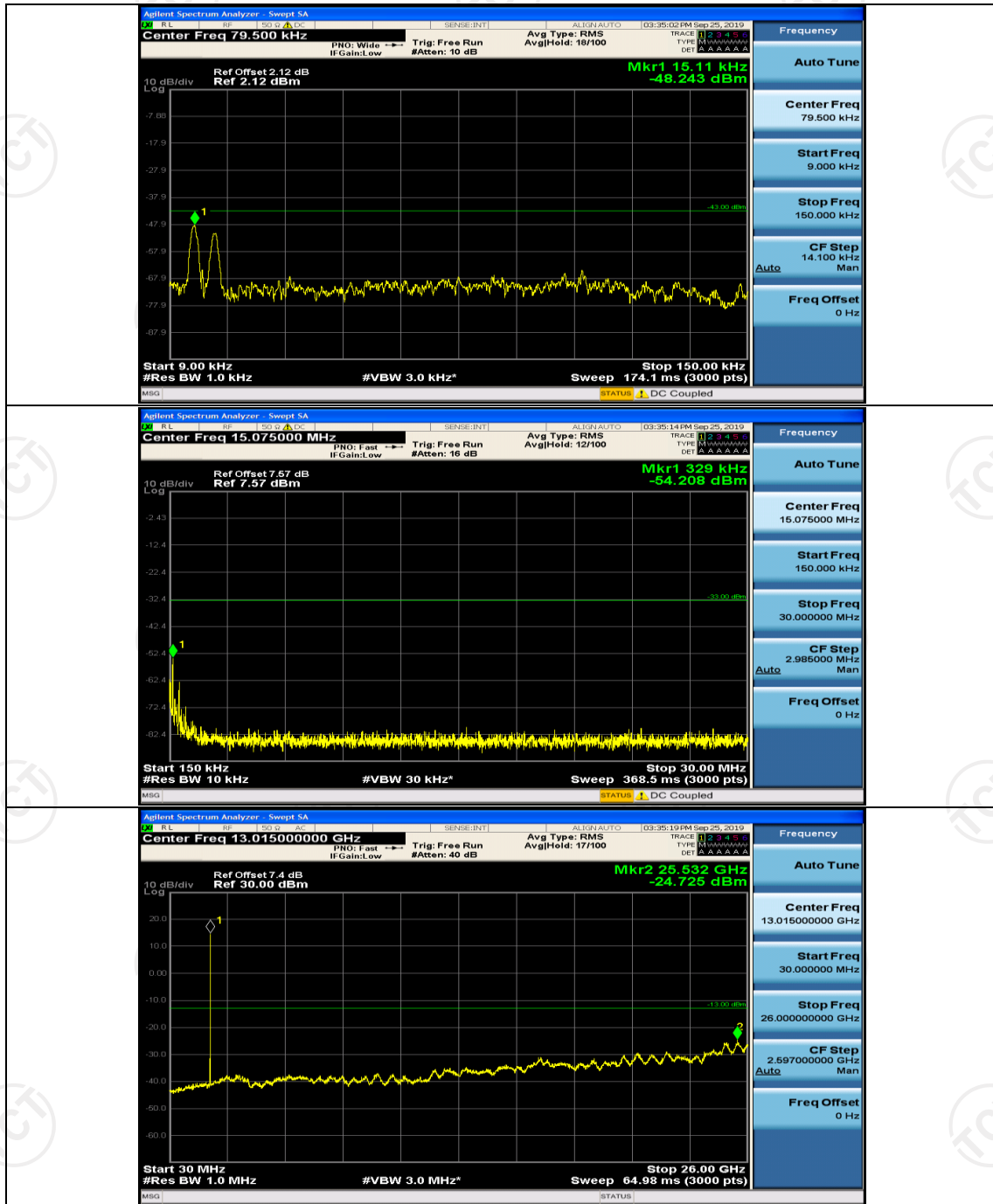
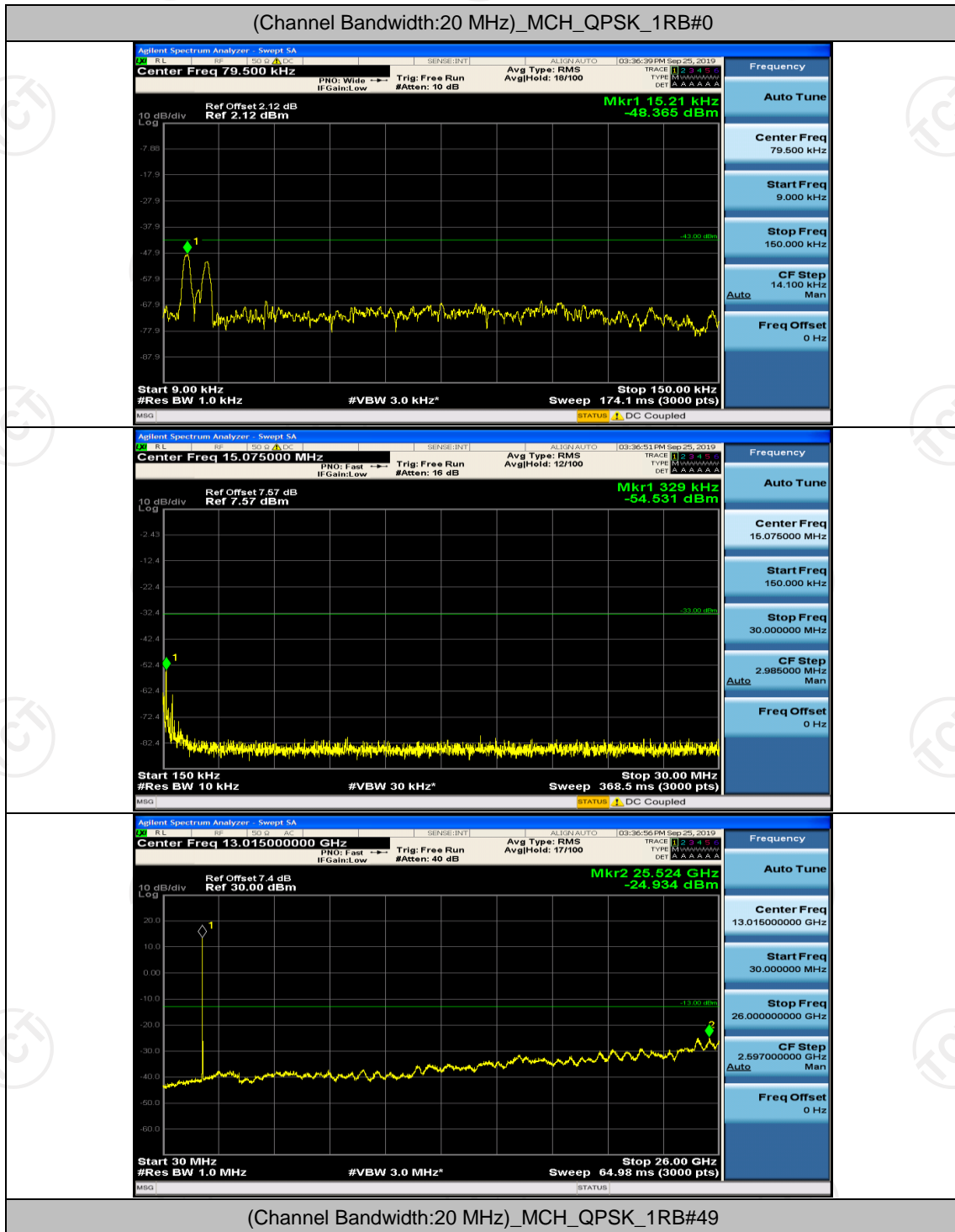


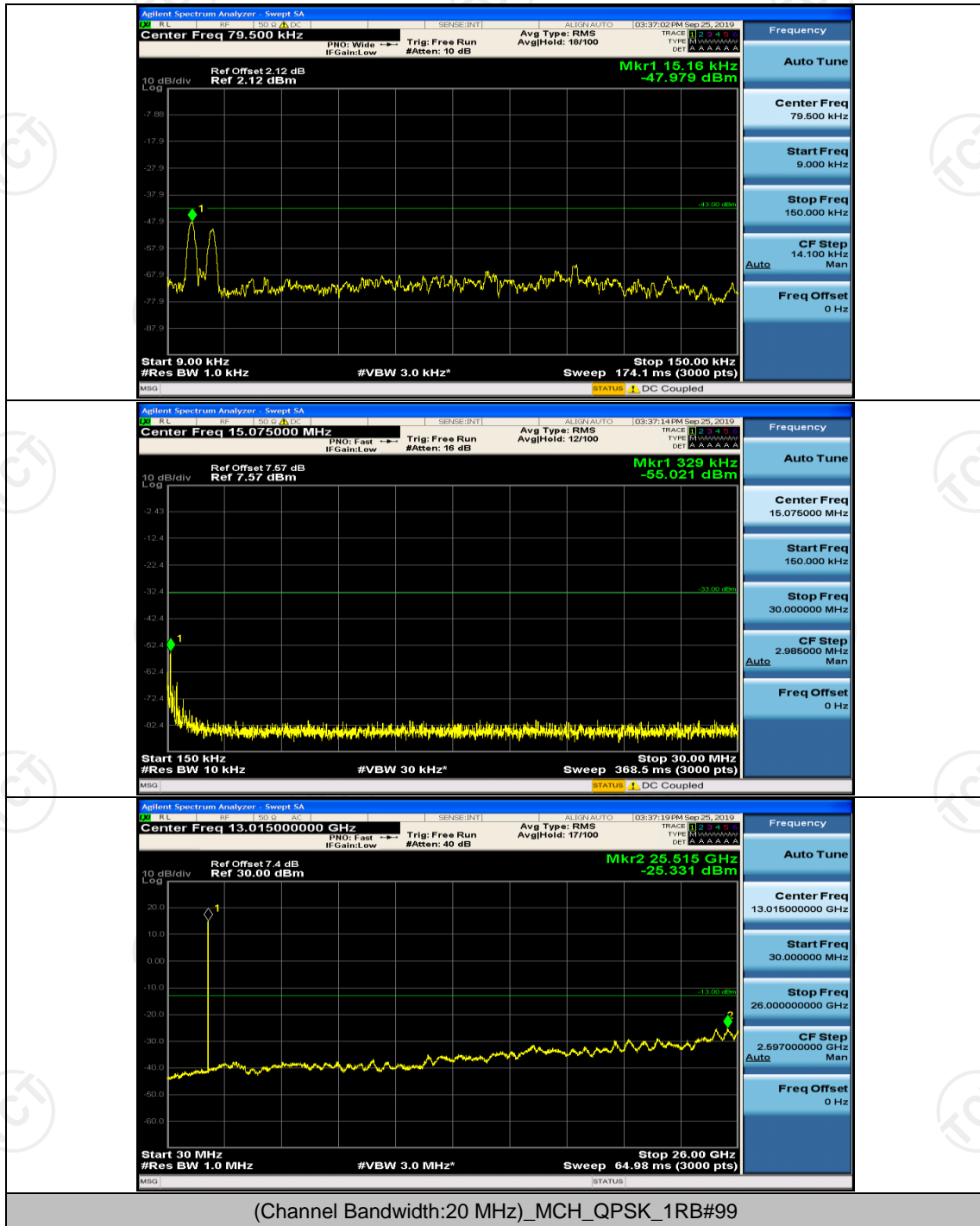
Channel Bandwidth: 20 MHz

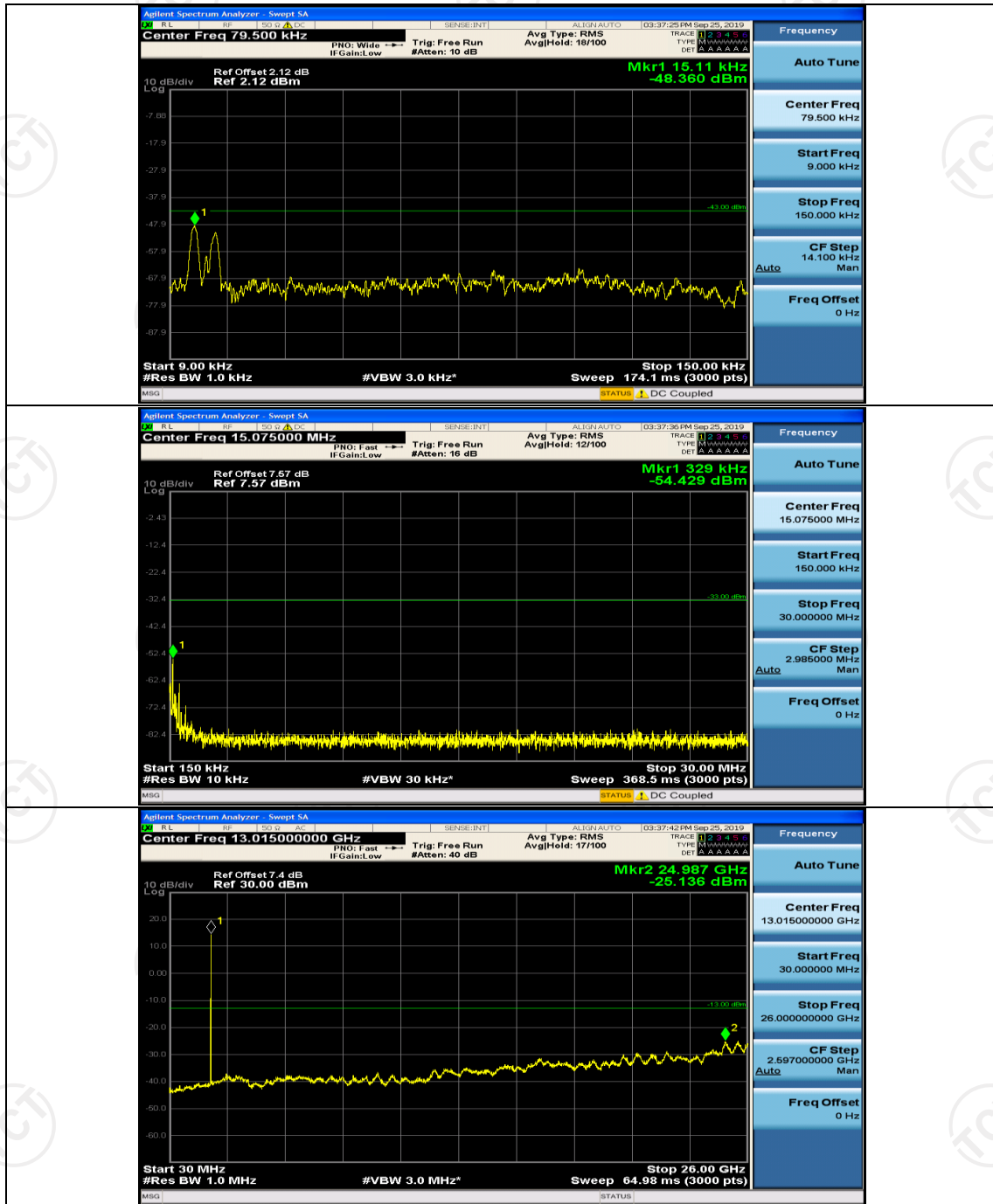


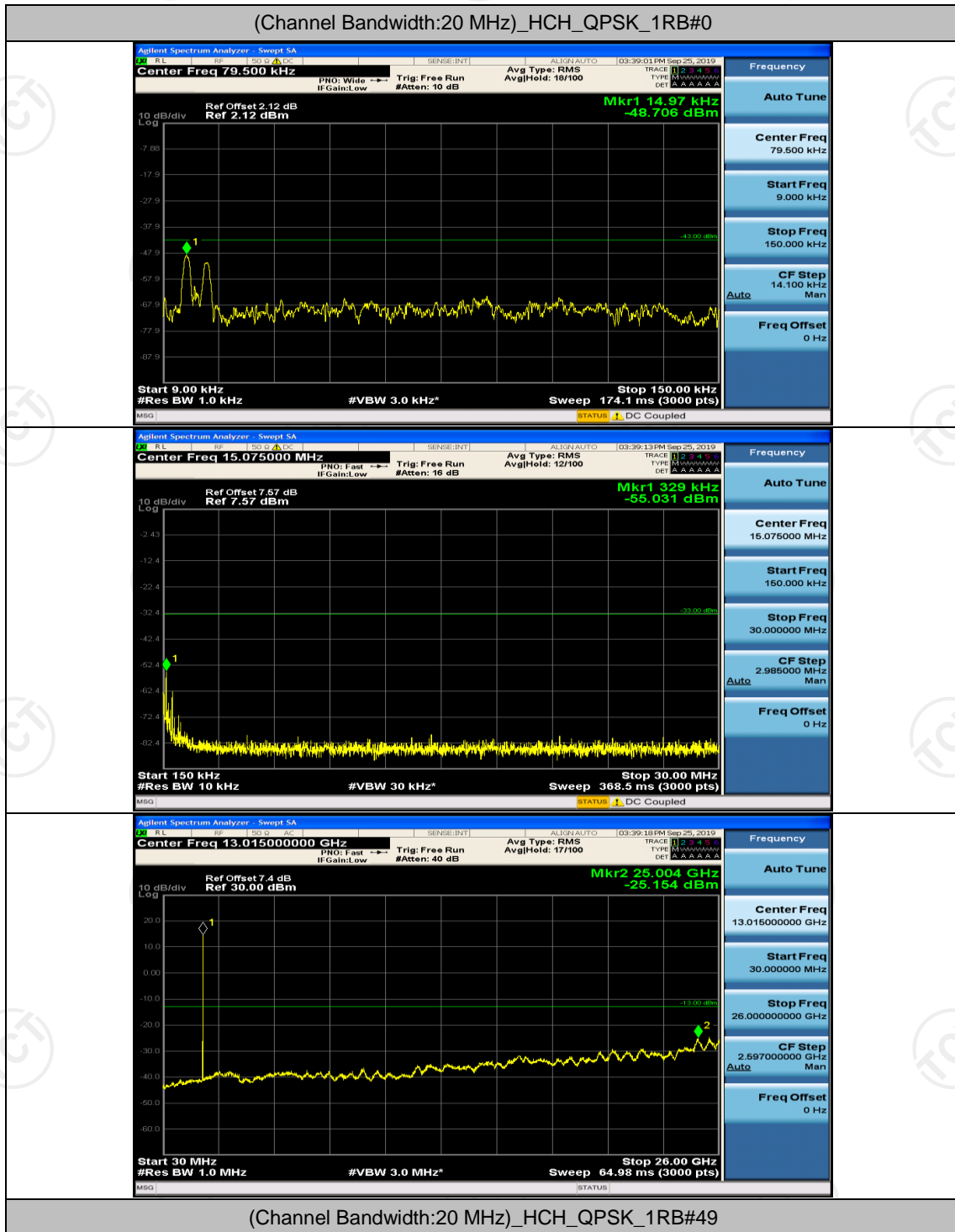


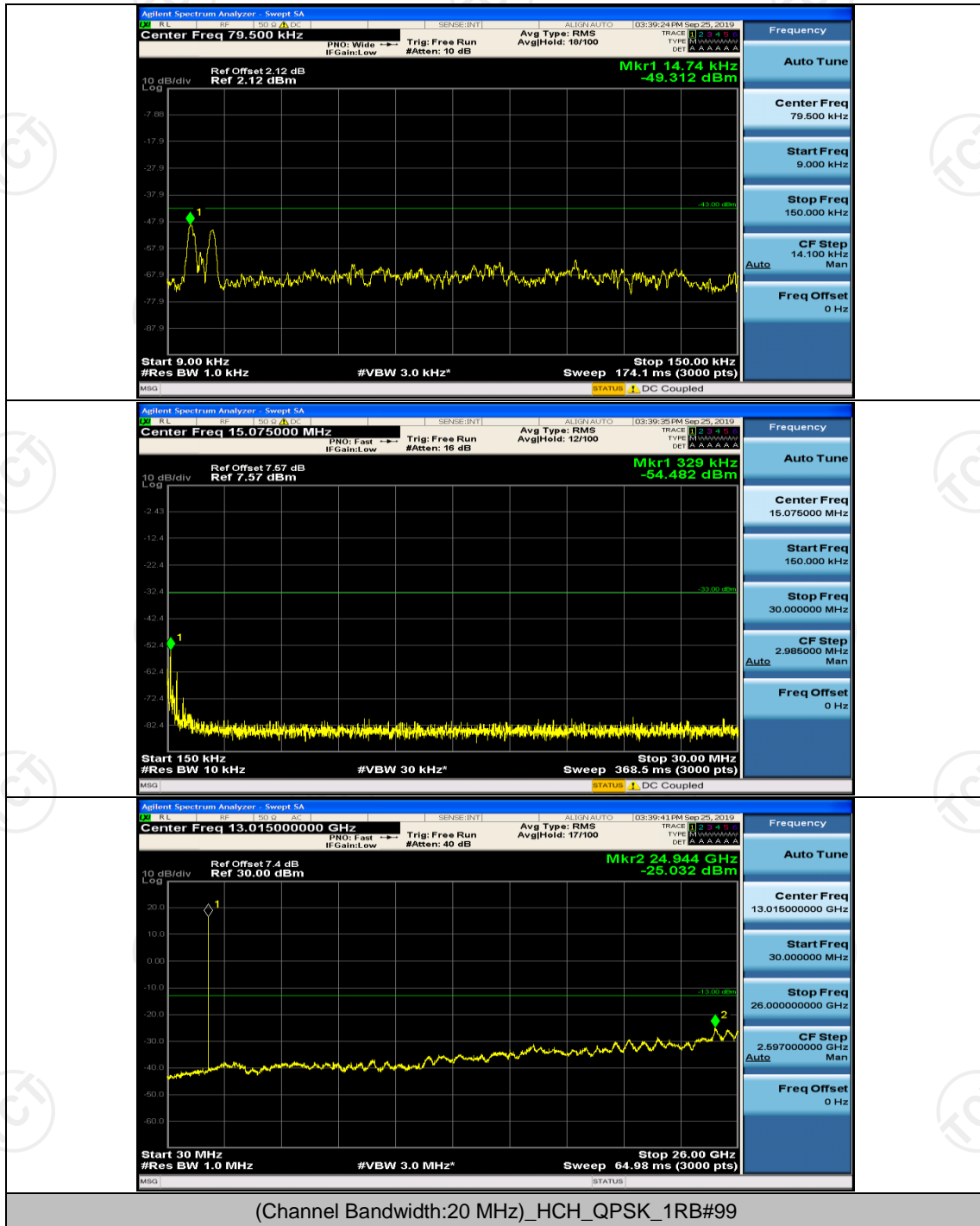


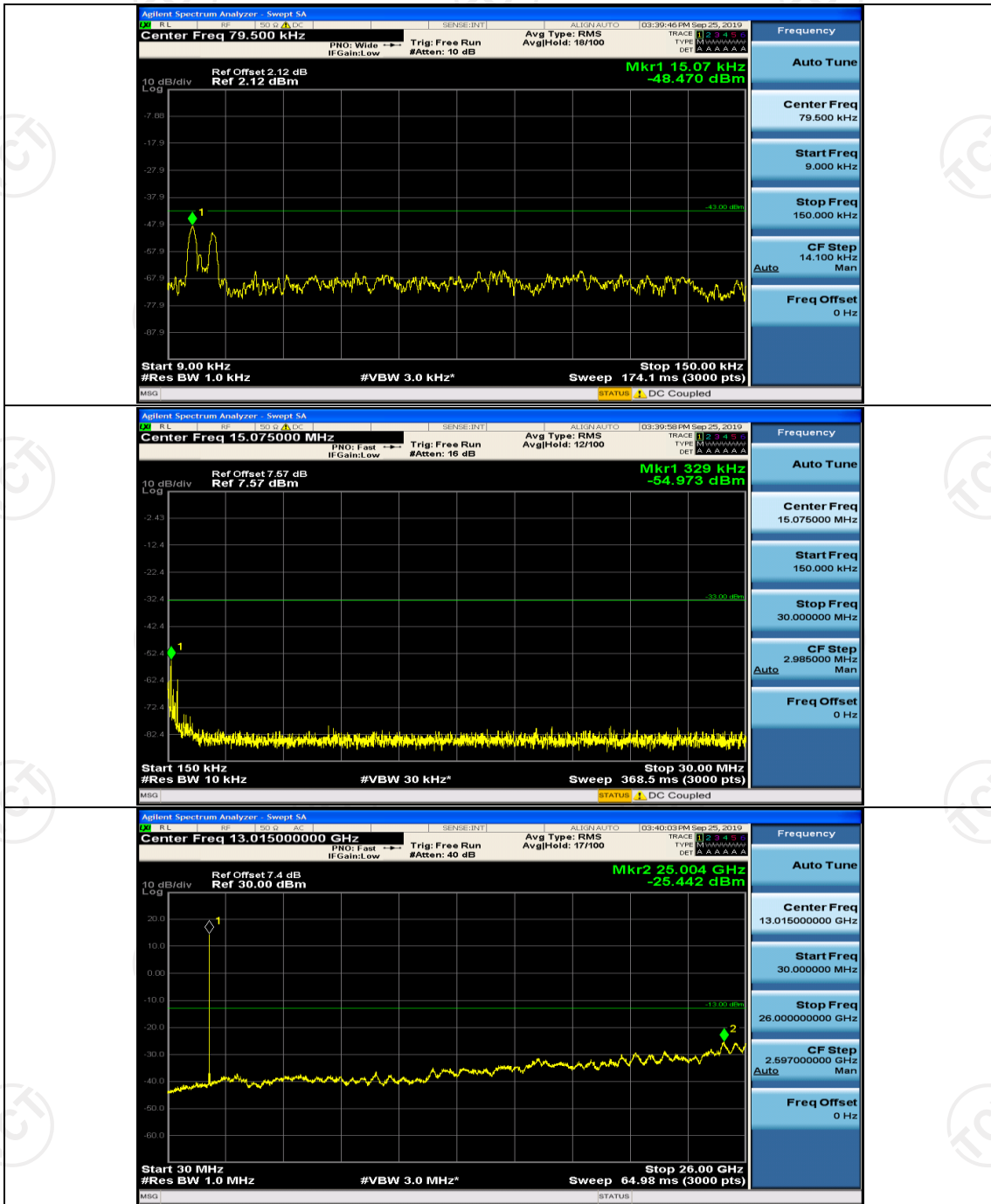


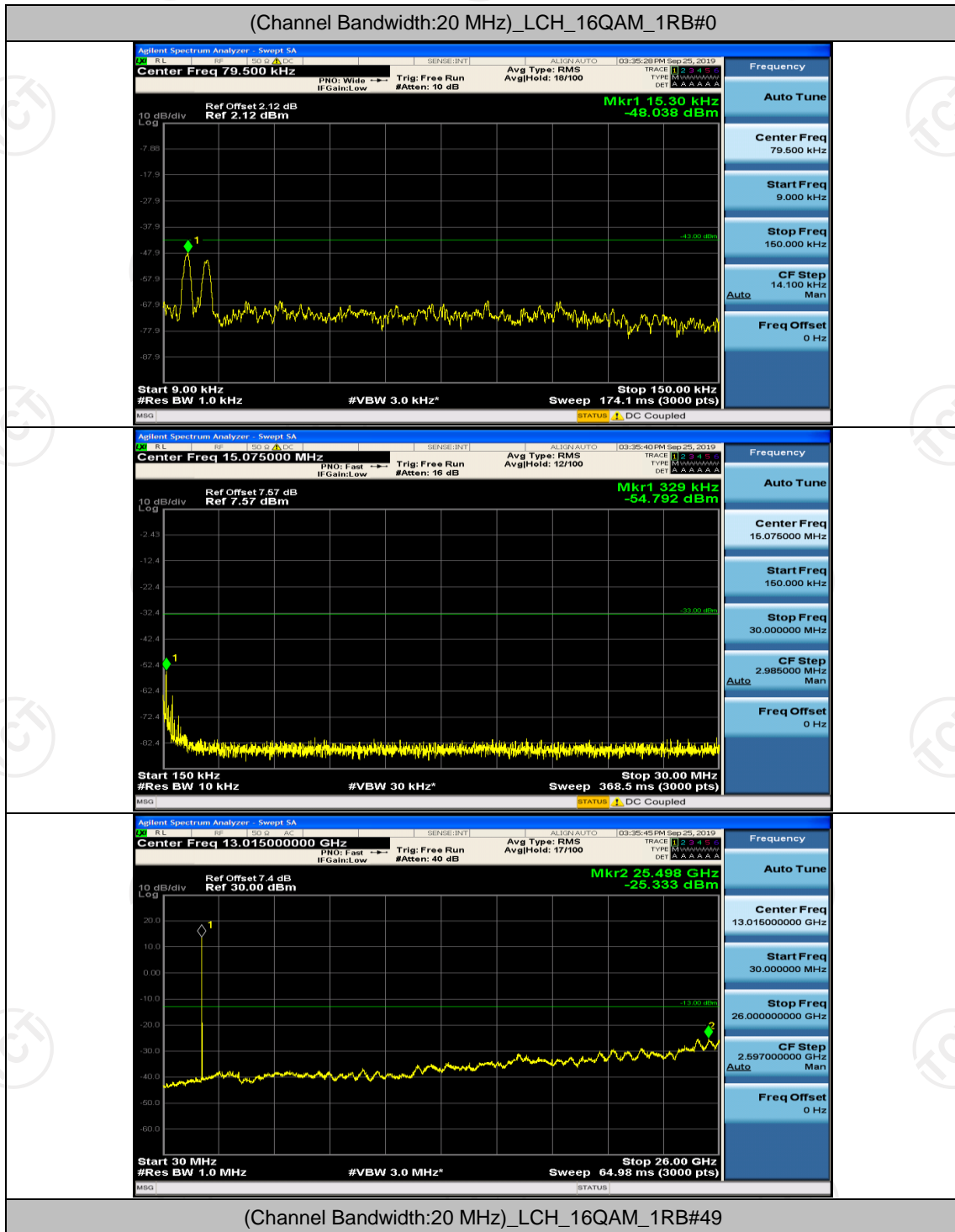


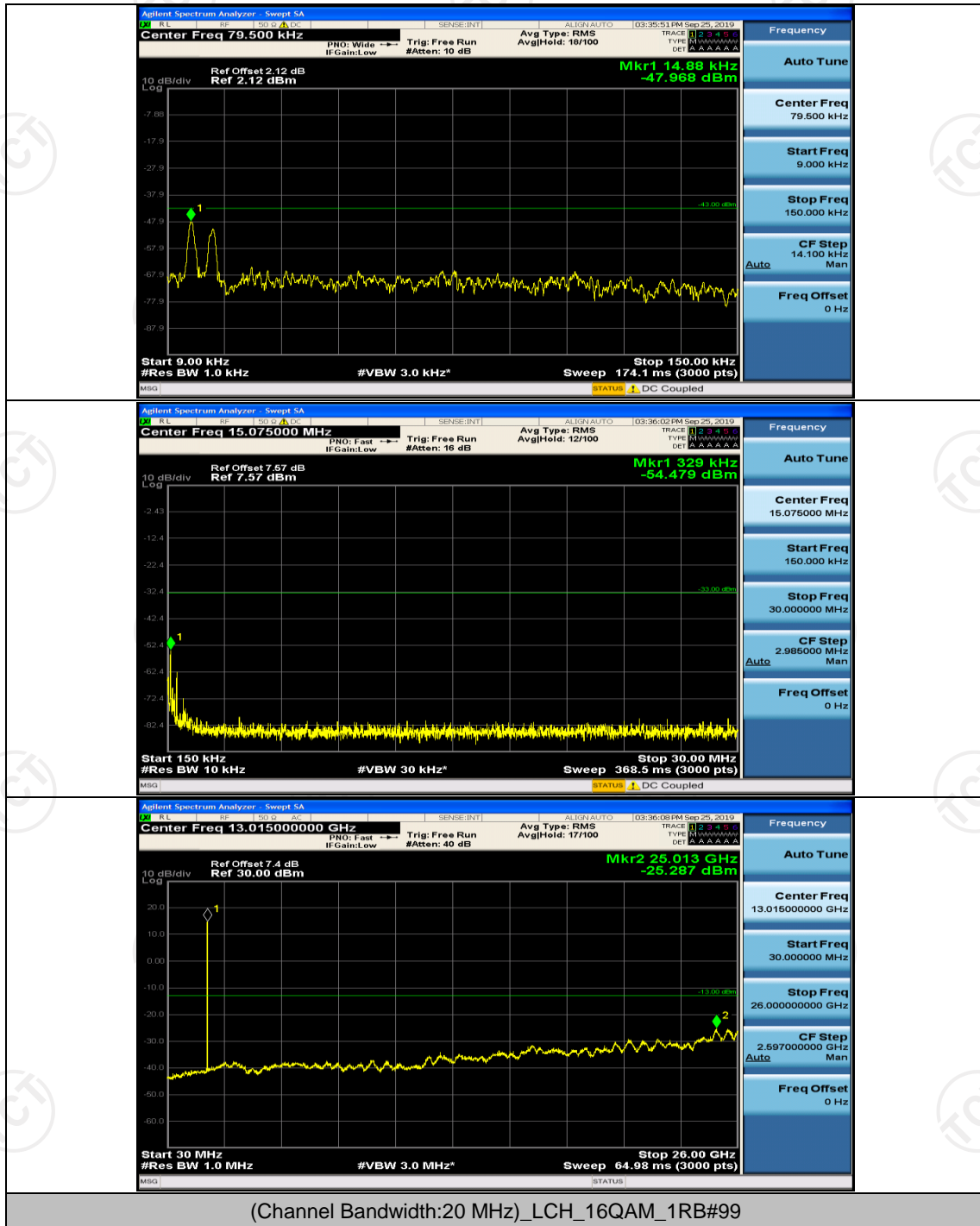


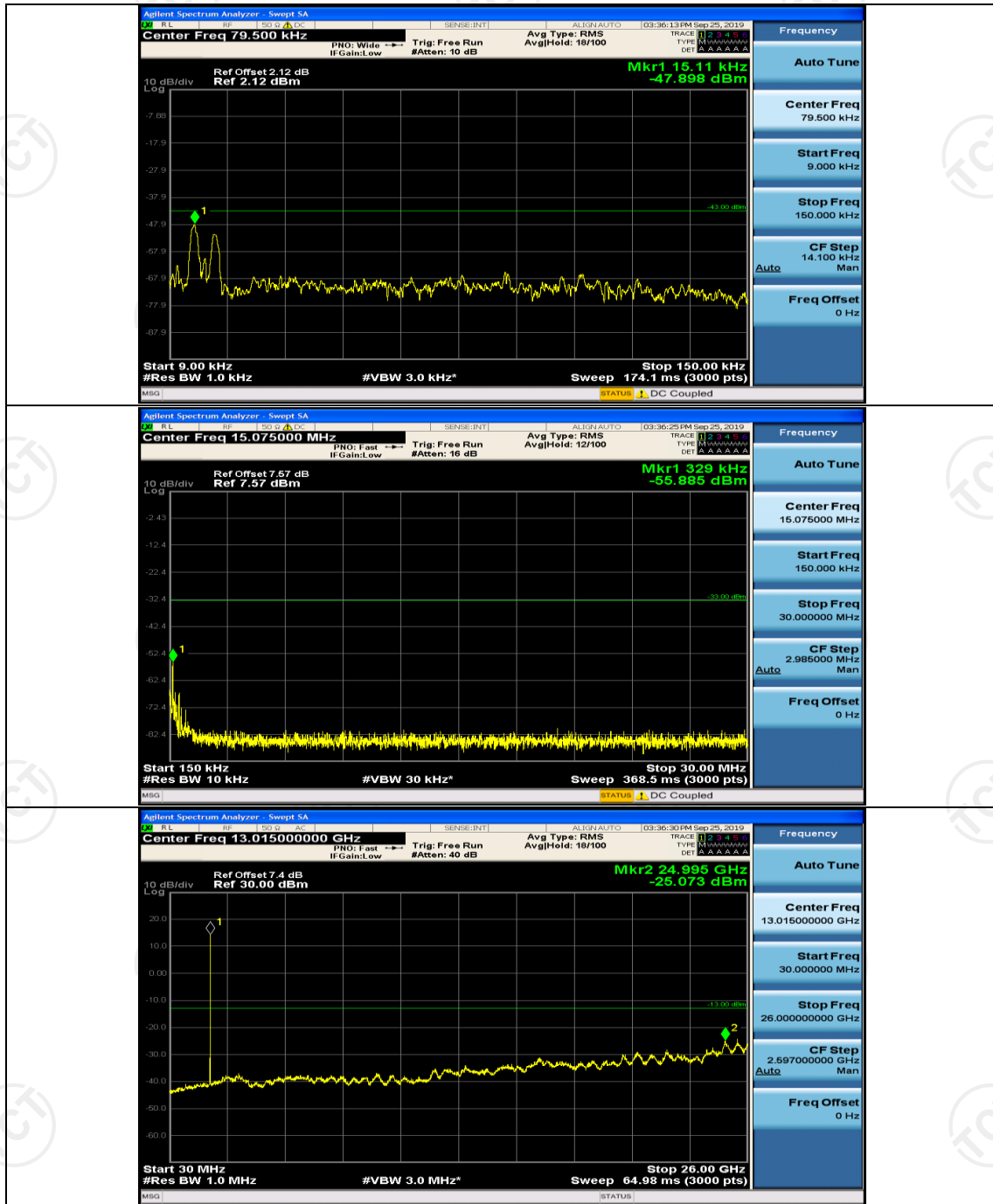


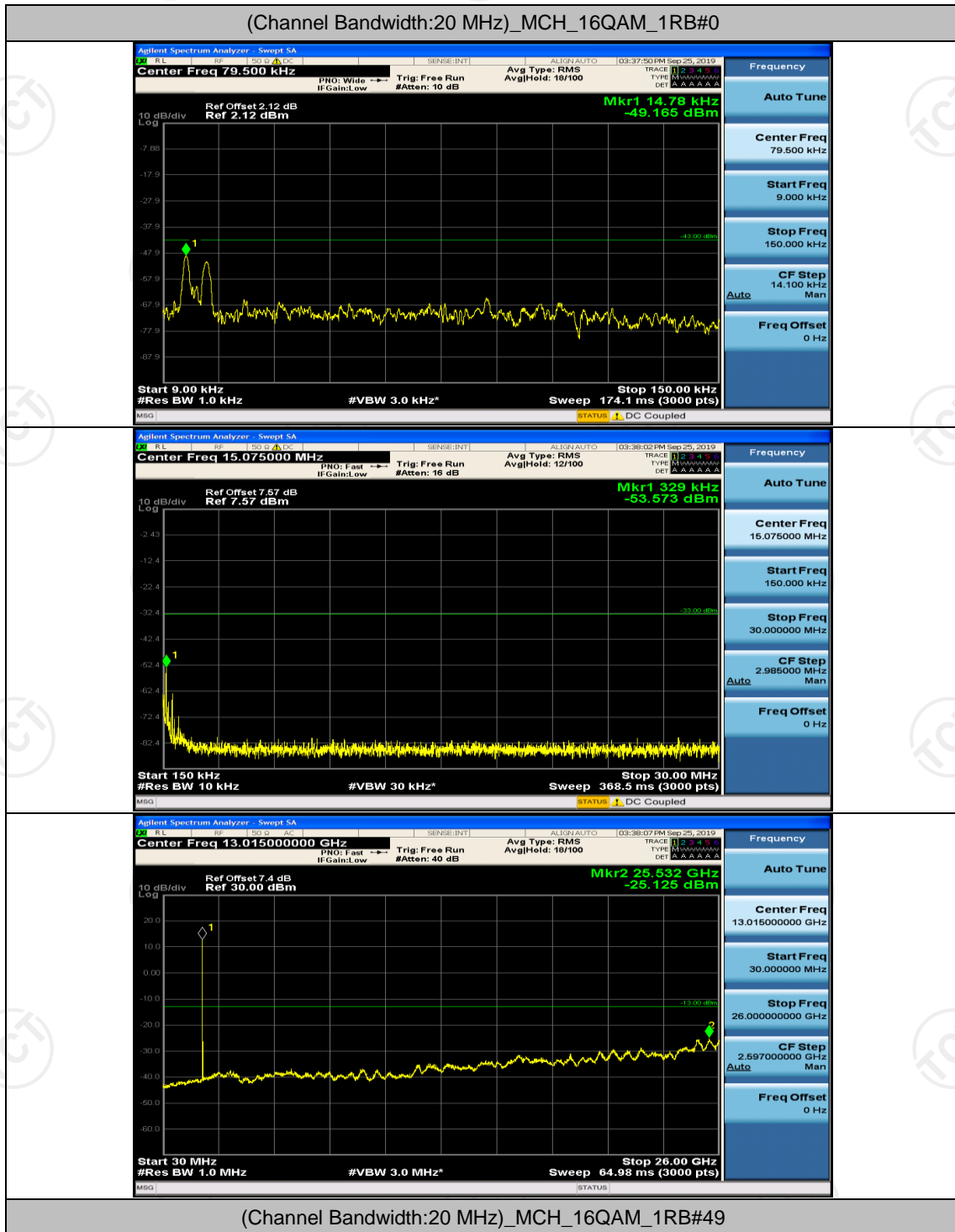


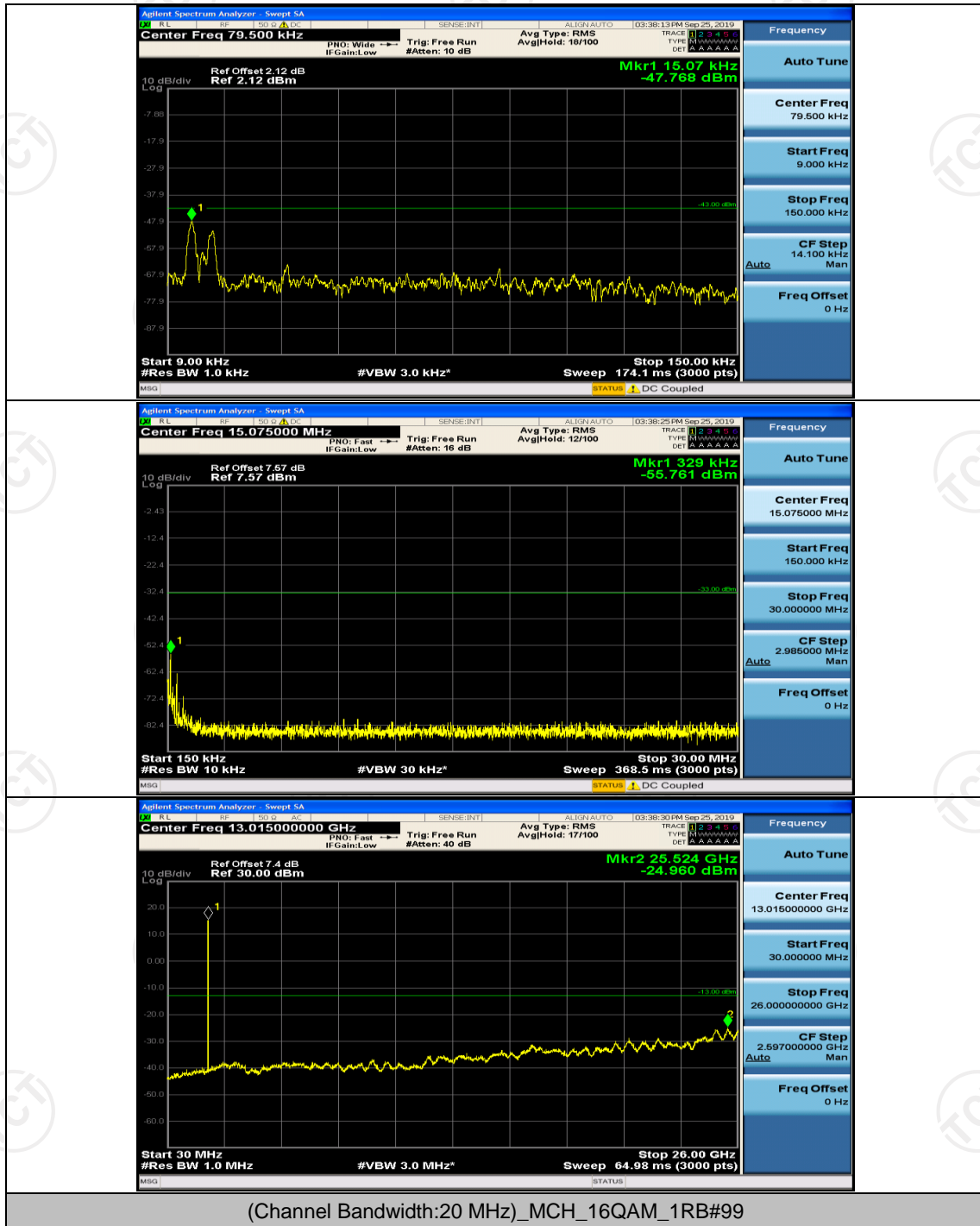


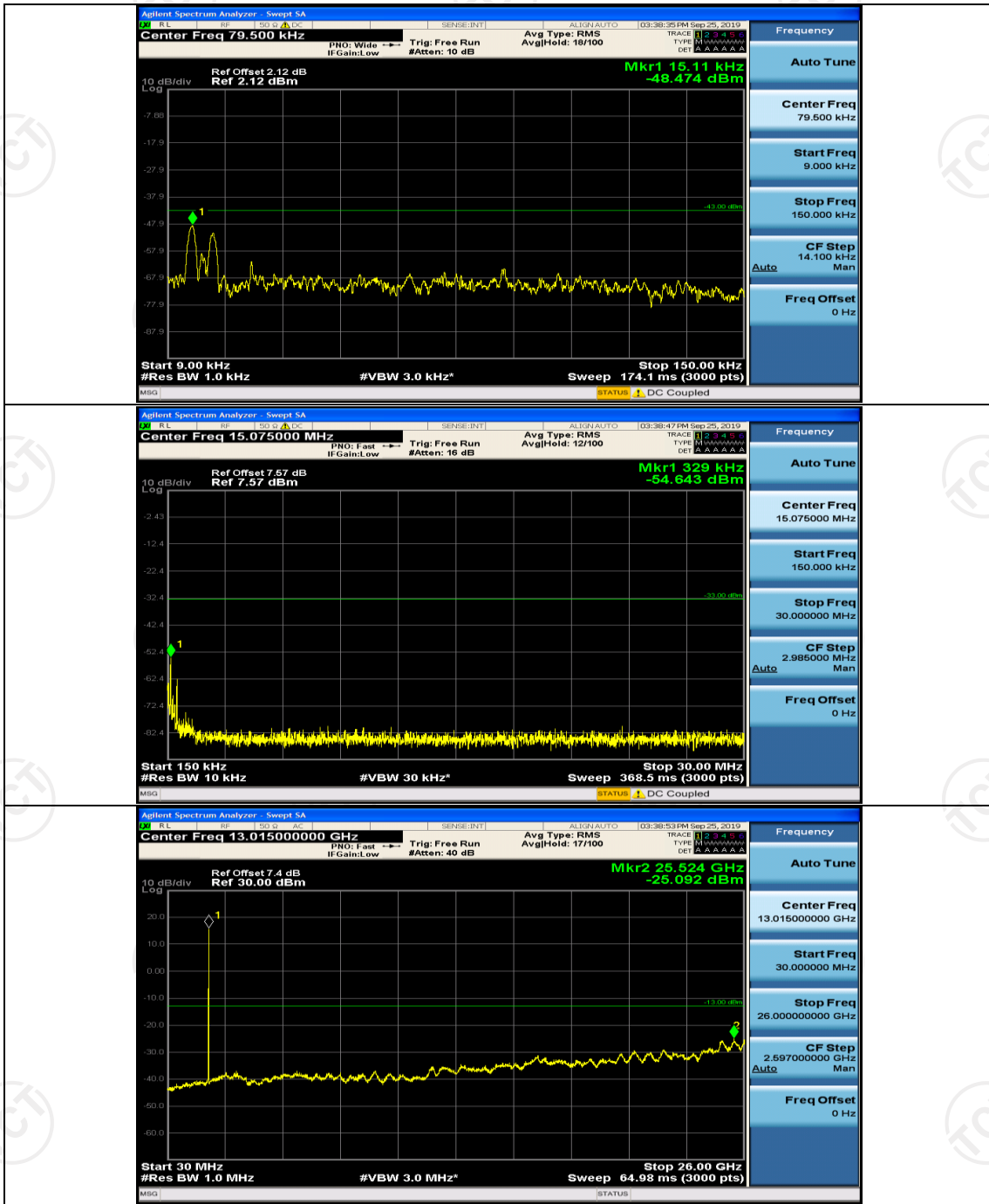


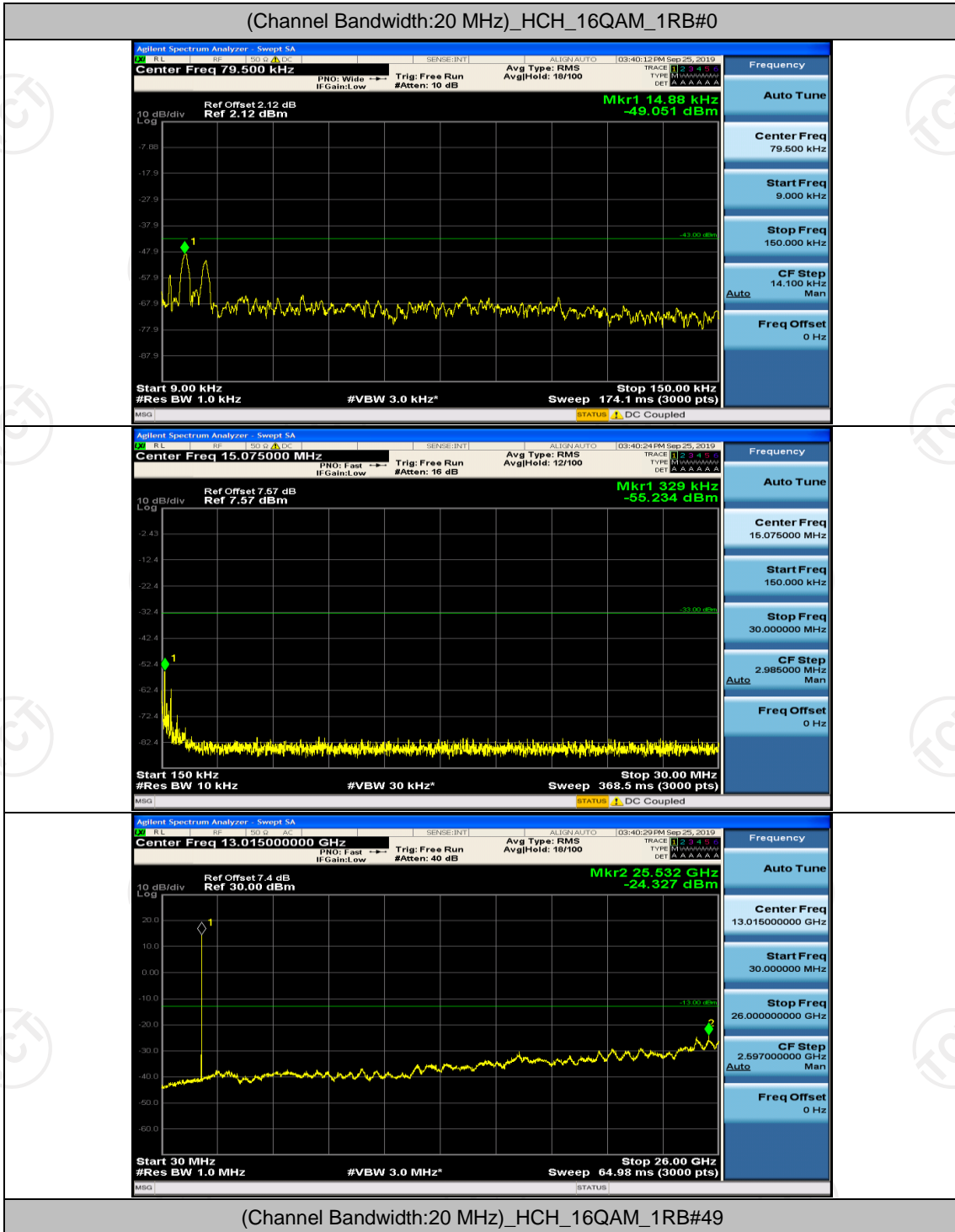


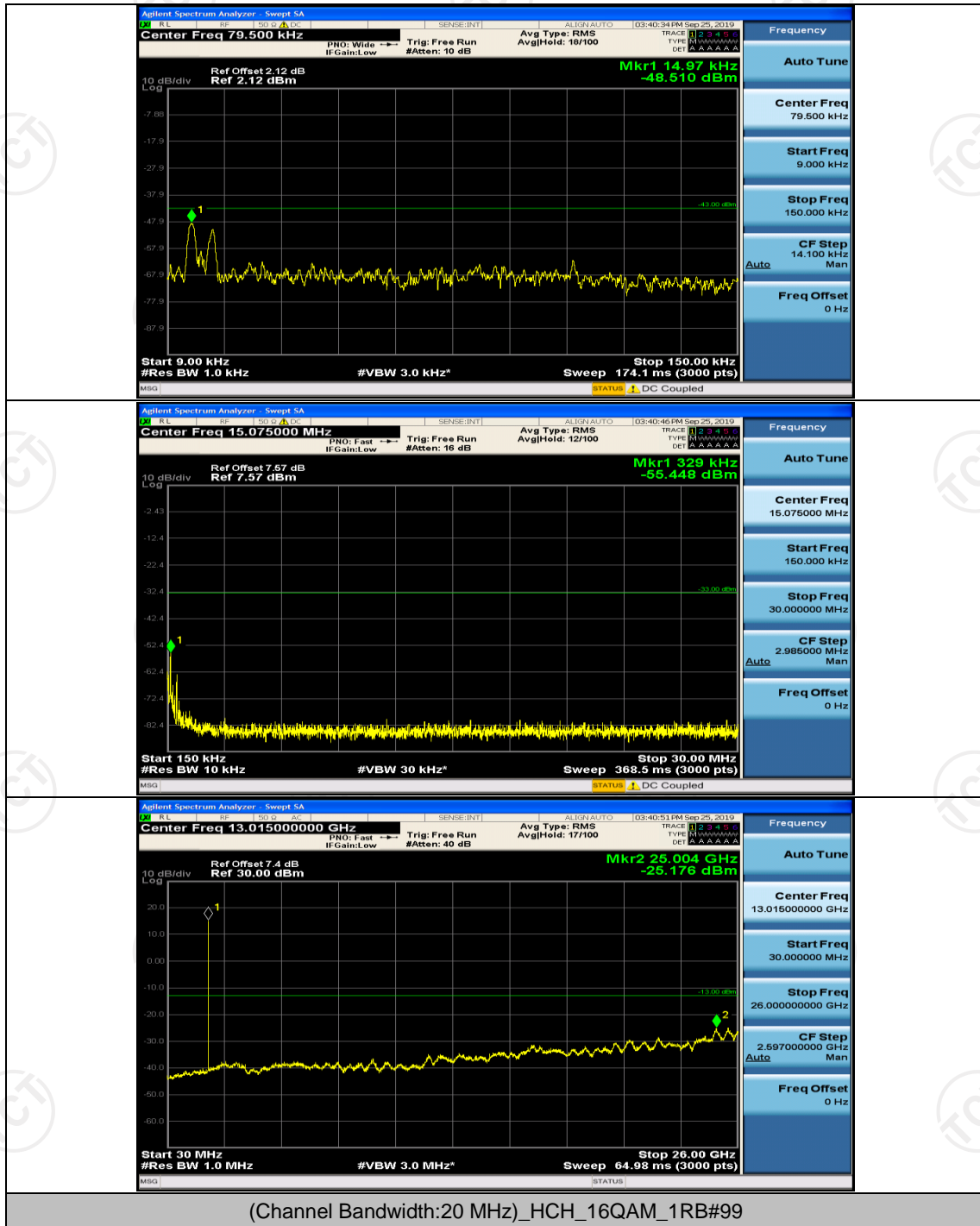


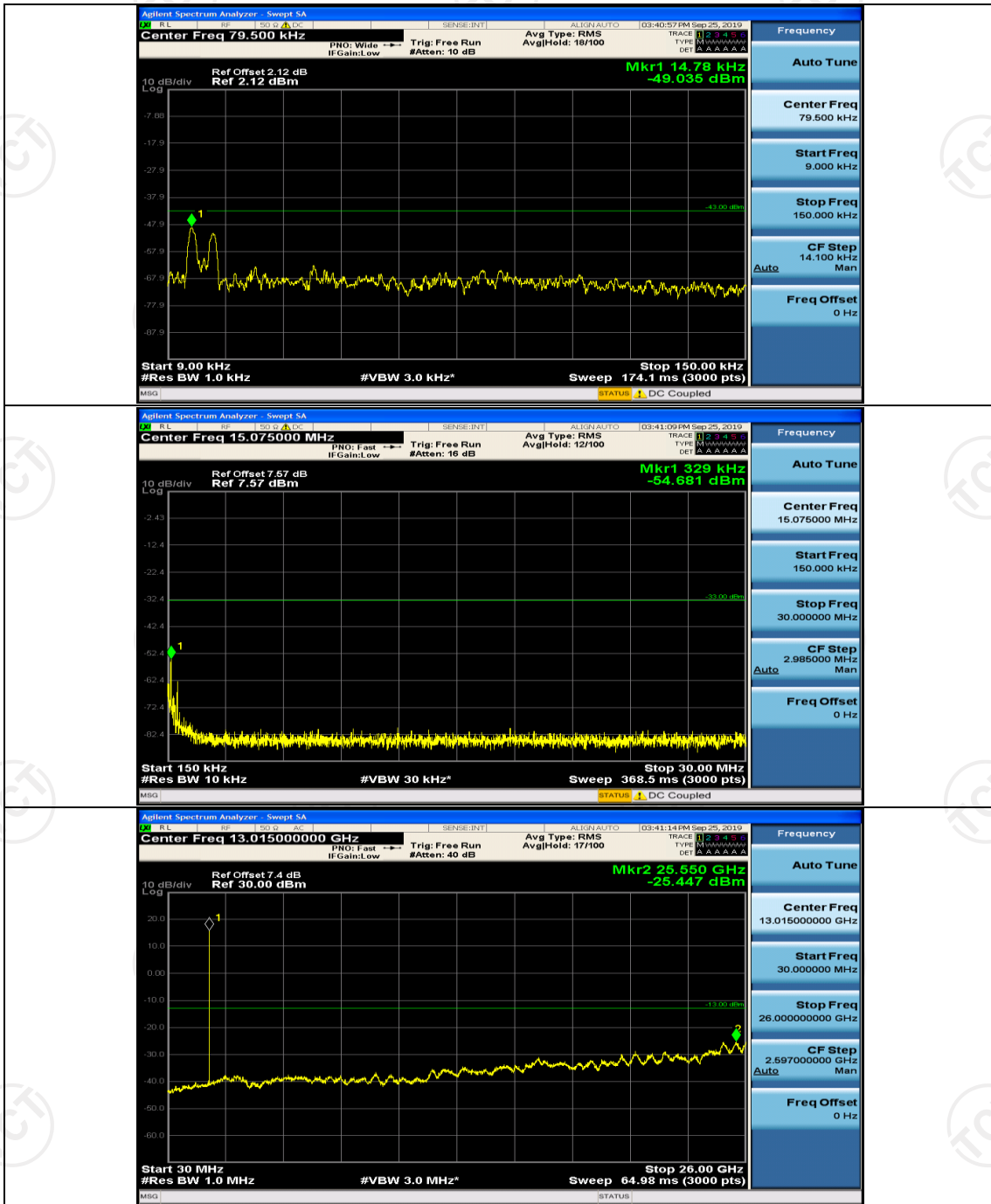












Appendix F: Frequency Stability

Test Result

Channel Bandwidth: 1.4 MHz

Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	-0.001563	± 2.5	PASS
		VN	TN	-0.001043	± 2.5	PASS
		VH	TN	-0.001167	± 2.5	PASS
	MCH	VL	TN	-0.001423	± 2.5	PASS
		VN	TN	-0.001179	± 2.5	PASS
		VH	TN	-0.001895	± 2.5	PASS
	HCH	VL	TN	-0.001042	± 2.5	PASS
		VN	TN	0.000090	± 2.5	PASS
		VH	TN	0.000172	± 2.5	PASS
16QAM	LCH	VL	TN	0.000325	± 2.5	PASS
		VN	TN	-0.001067	± 2.5	PASS
		VH	TN	-0.002105	± 2.5	PASS
	MCH	VL	TN	-0.000649	± 2.5	PASS
		VN	TN	-0.002123	± 2.5	PASS
		VH	TN	-0.001096	± 2.5	PASS
	HCH	VL	TN	-0.001314	± 2.5	PASS
		VN	TN	-0.000352	± 2.5	PASS
		VH	TN	0.000832	± 2.5	PASS
Modulation	Channel I	Voltage [Vdc]	Temperature (°C)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-0.001638	± 2.5	PASS
		VN	-20	-0.001436	± 2.5	PASS
		VN	-10	-0.001414	± 2.5	PASS
		VN	0	-0.001499	± 2.5	PASS
		VN	10	-0.001314	± 2.5	PASS
		VN	20	-0.000858	± 2.5	PASS
		VN	30	-0.000796	± 2.5	PASS
		VN	40	-0.001190	± 2.5	PASS
	MCH	VN	50	-0.001121	± 2.5	PASS
		VN	-30	-0.002519	± 2.5	PASS
		VN	-20	-0.001539	± 2.5	PASS
		VN	-10	-0.002093	± 2.5	PASS
		VN	0	-0.001887	± 2.5	PASS
		VN	10	-0.001423	± 2.5	PASS
		VN	20	-0.001491	± 2.5	PASS
VN	30	-0.001720	± 2.5	PASS		
VN	40	-0.001408	± 2.5	PASS		

	HCH	VN	50	-0.002290	± 2.5	PASS
		VN	-30	-0.000318	± 2.5	PASS
		VN	-20	-0.000345	± 2.5	PASS
		VN	-10	0.000157	± 2.5	PASS
		VN	0	0.000083	± 2.5	PASS
		VN	10	-0.000418	± 2.5	PASS
		VN	20	-0.000097	± 2.5	PASS
		VN	30	-0.000067	± 2.5	PASS
		VN	40	-0.000465	± 2.5	PASS
		VN	50	-0.000090	± 2.5	PASS
16QAM	LCH	VN	-30	-0.000378	± 2.5	PASS
		VN	-20	-0.001012	± 2.5	PASS
		VN	-10	-0.000285	± 2.5	PASS
		VN	0	-0.000564	± 2.5	PASS
		VN	10	-0.000478	± 2.5	PASS
		VN	20	-0.001105	± 2.5	PASS
		VN	30	-0.001314	± 2.5	PASS
		VN	40	-0.001322	± 2.5	PASS
	MCH	VN	50	-0.000417	± 2.5	PASS
		VN	-30	-0.002176	± 2.5	PASS
		VN	-20	-0.001788	± 2.5	PASS
		VN	-10	-0.002716	± 2.5	PASS
		VN	0	-0.001347	± 2.5	PASS
		VN	10	-0.001452	± 2.5	PASS
		VN	20	-0.002260	± 2.5	PASS
		VN	30	-0.001940	± 2.5	PASS
	HCH	VN	40	-0.001628	± 2.5	PASS
		VN	50	-0.002169	± 2.5	PASS
		VN	-30	0.000682	± 2.5	PASS
		VN	-20	0.000625	± 2.5	PASS
		VN	-10	0.000322	± 2.5	PASS
		VN	0	0.000712	± 2.5	PASS
		VN	10	0.000874	± 2.5	PASS
		VN	20	-0.000097	± 2.5	PASS
	VN	30	-0.000202	± 2.5	PASS	
	VN	40	-0.000330	± 2.5	PASS	
	VN	50	0.000285	± 2.5	PASS	