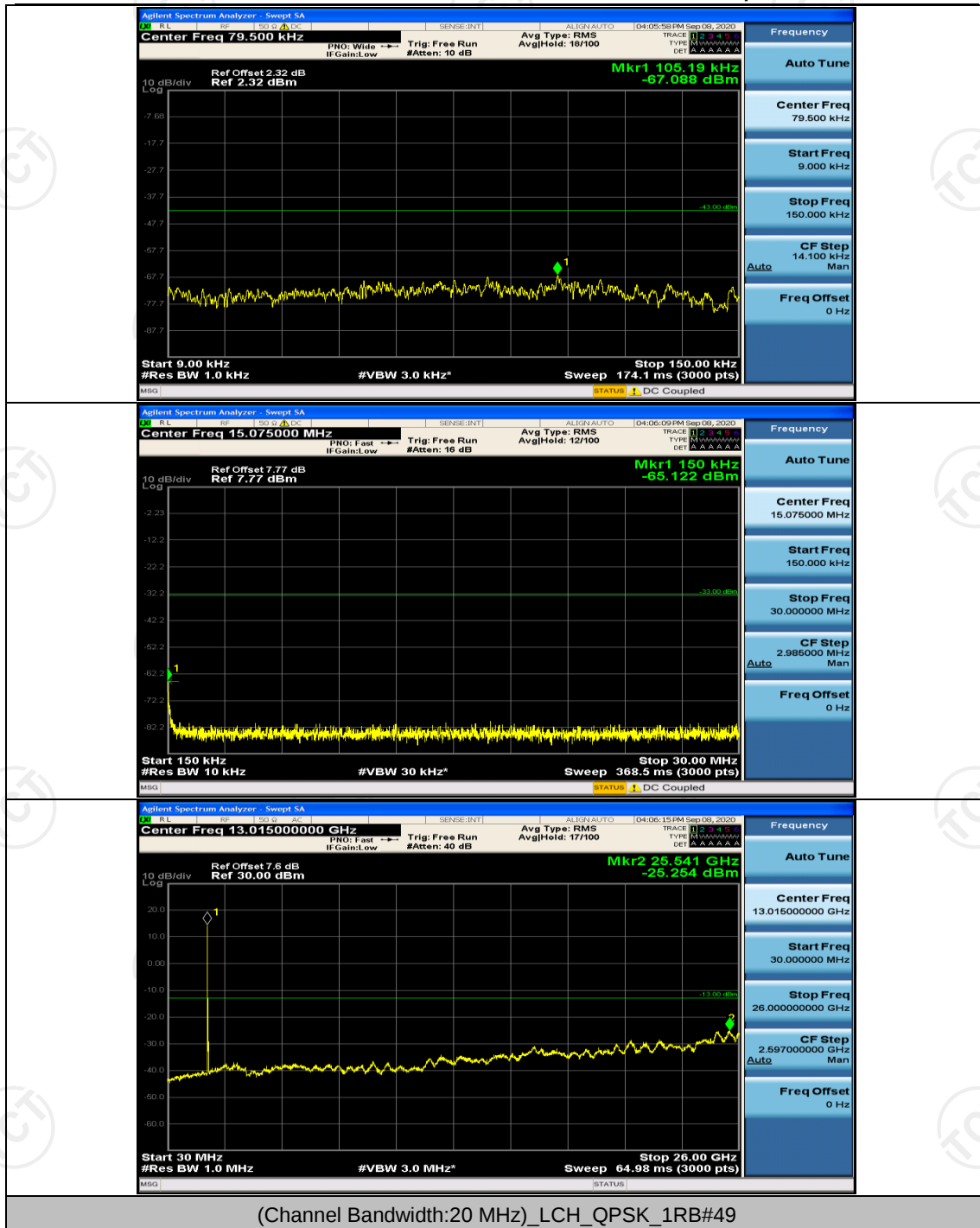
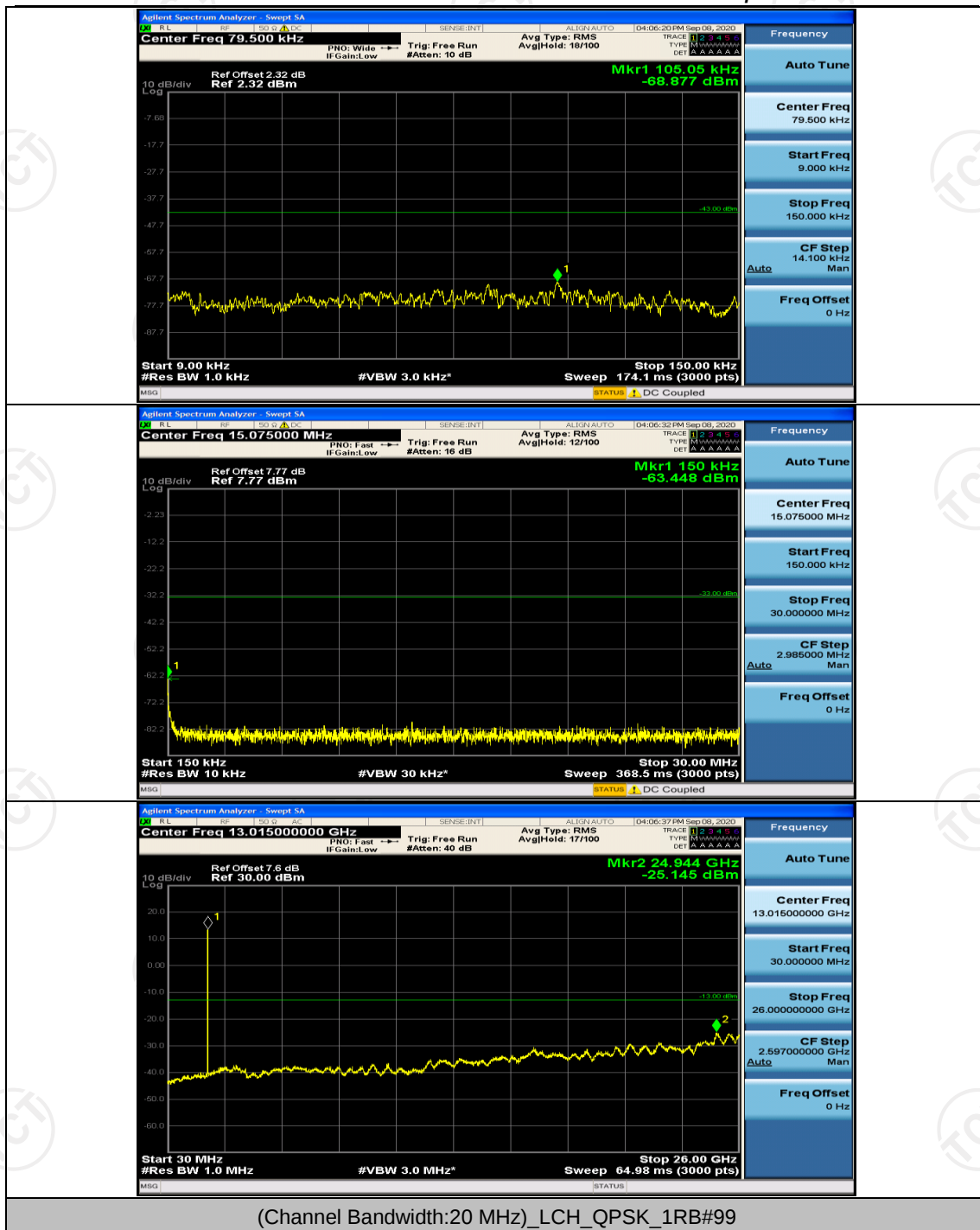
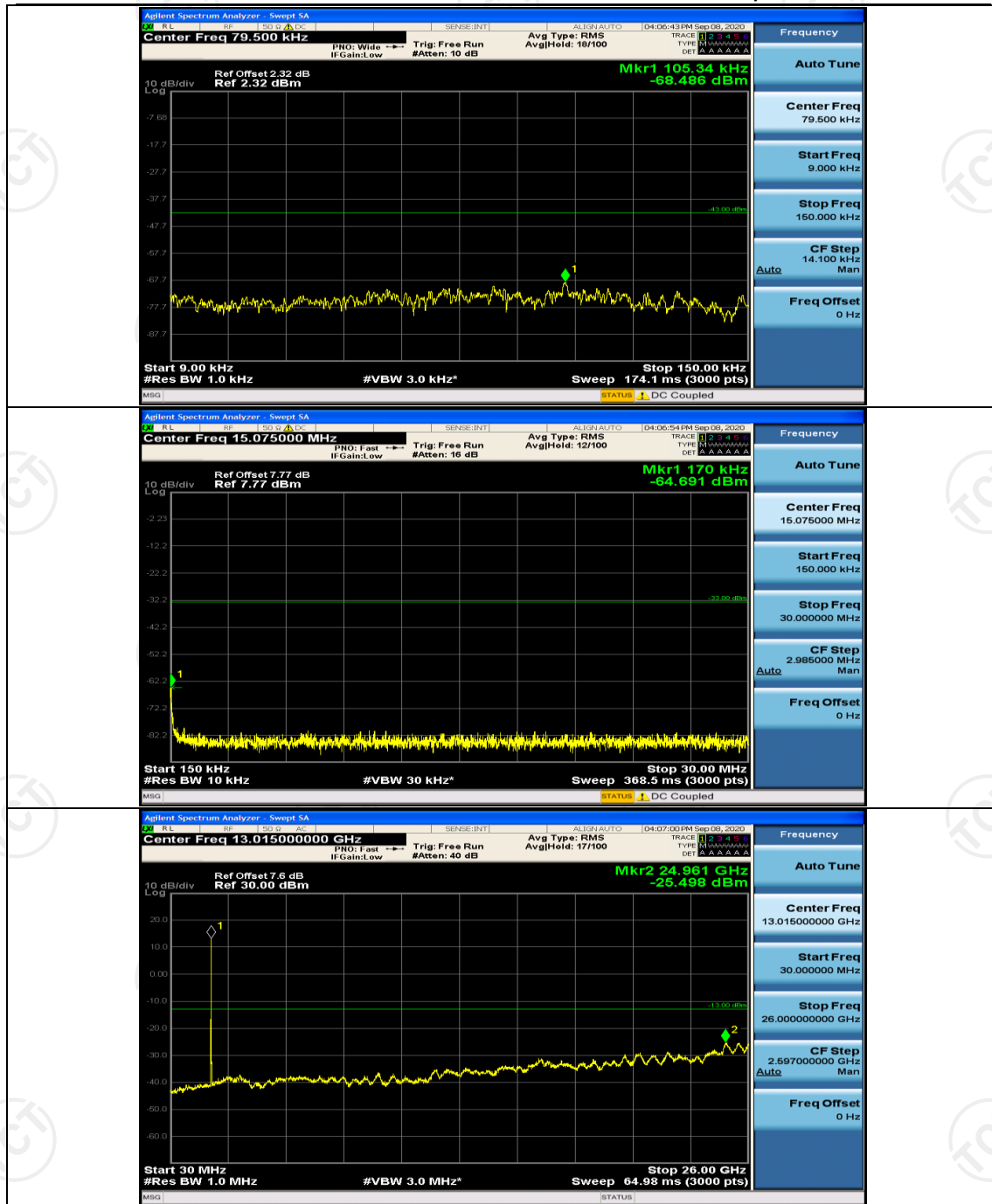


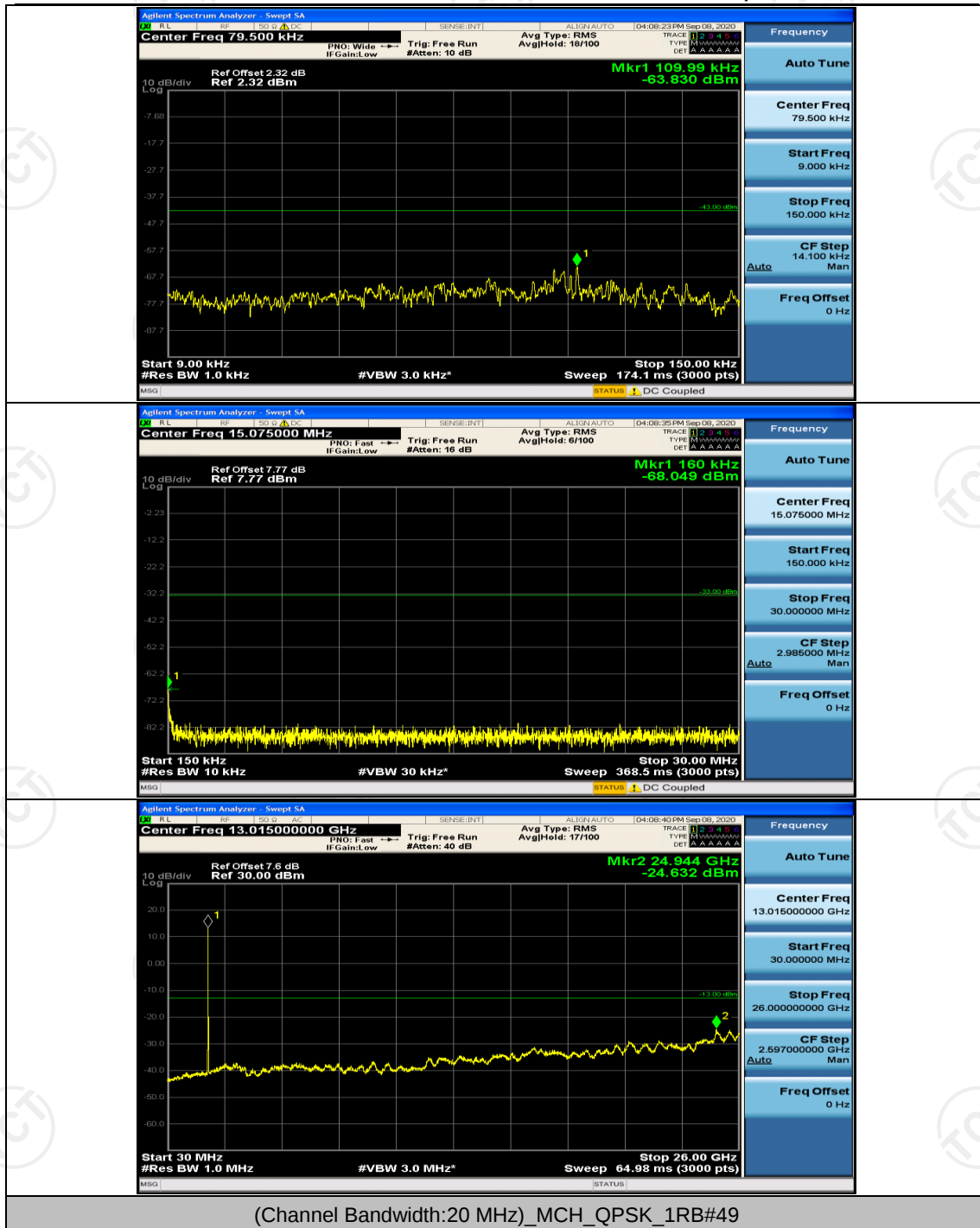


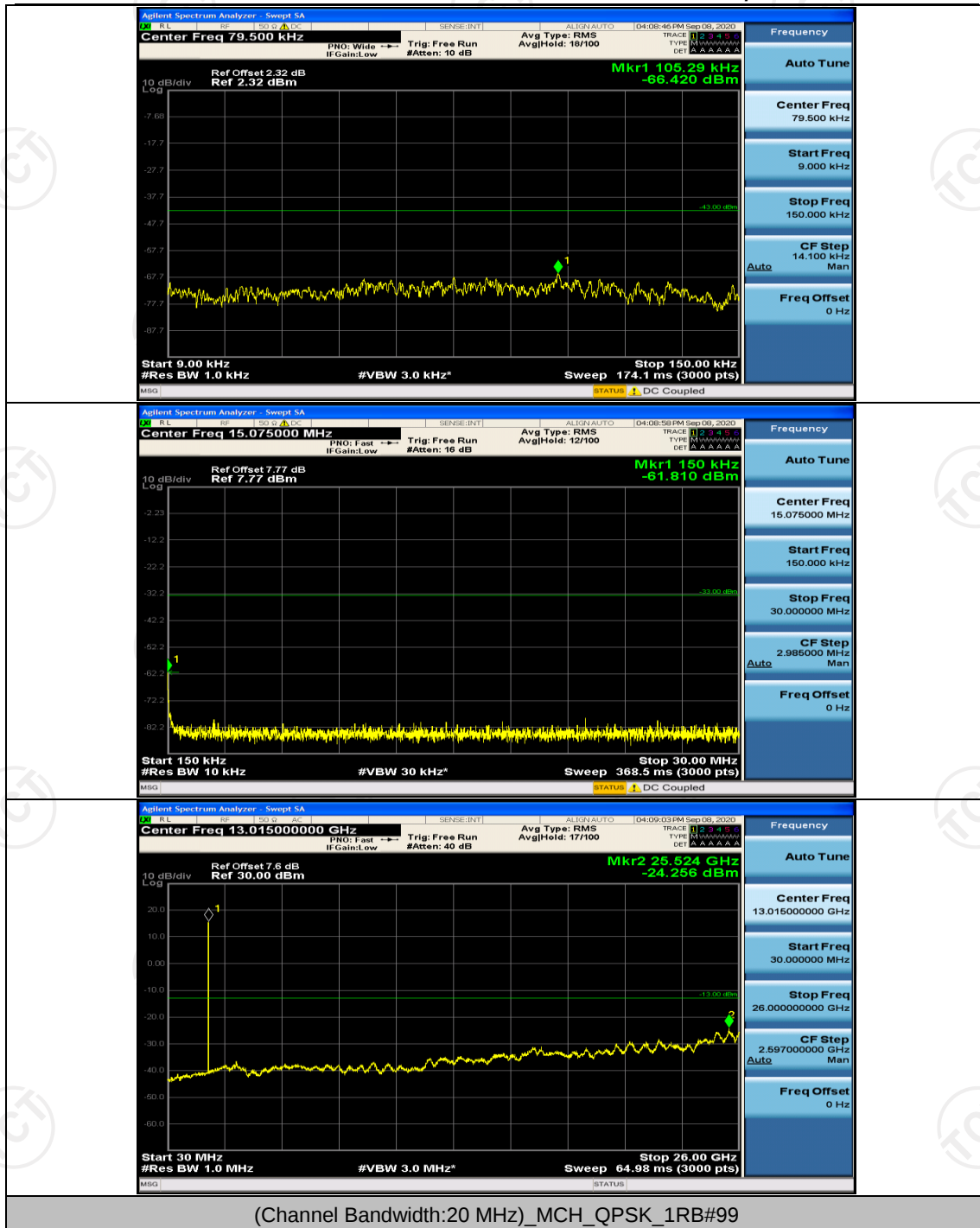


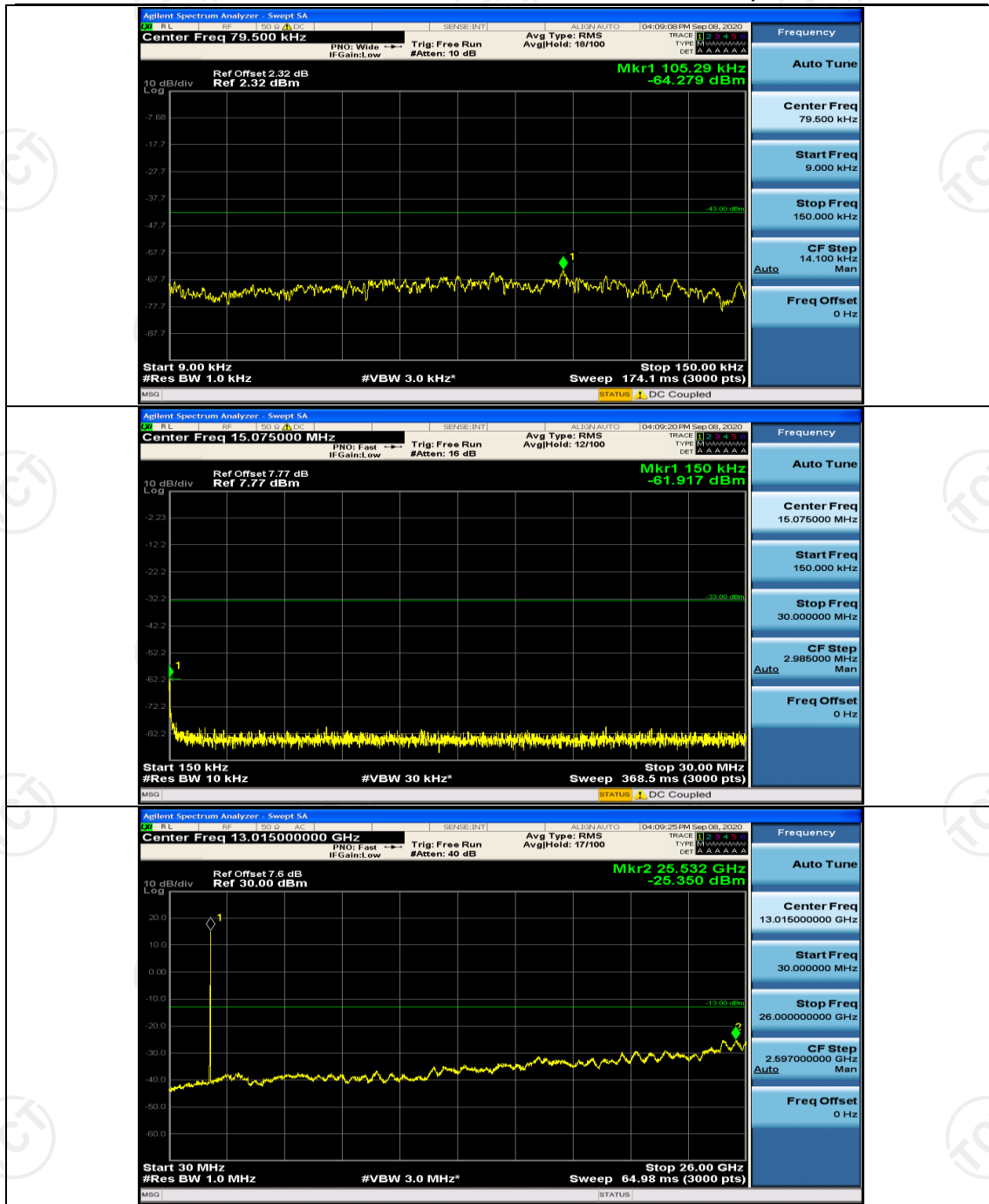
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#99



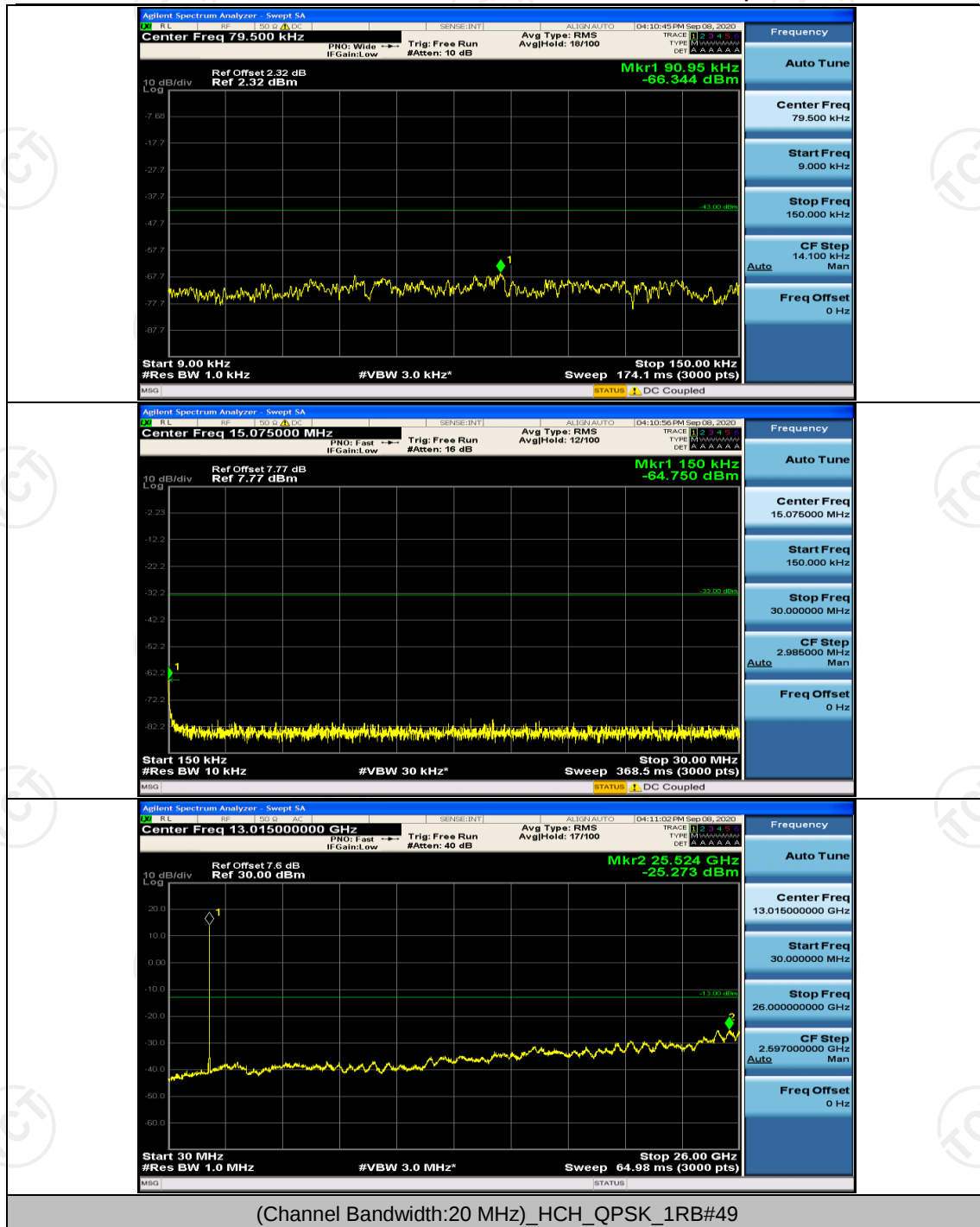
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0

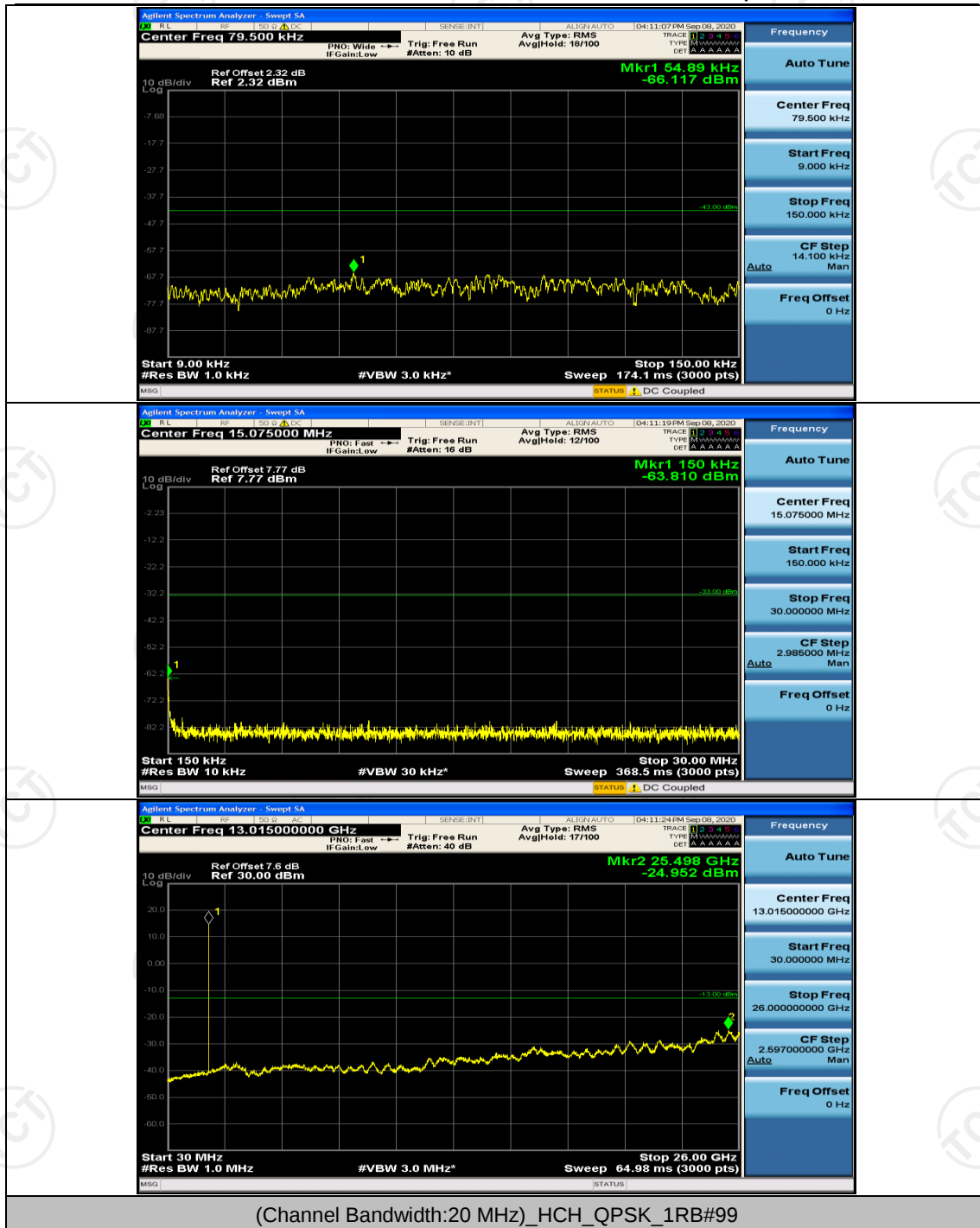


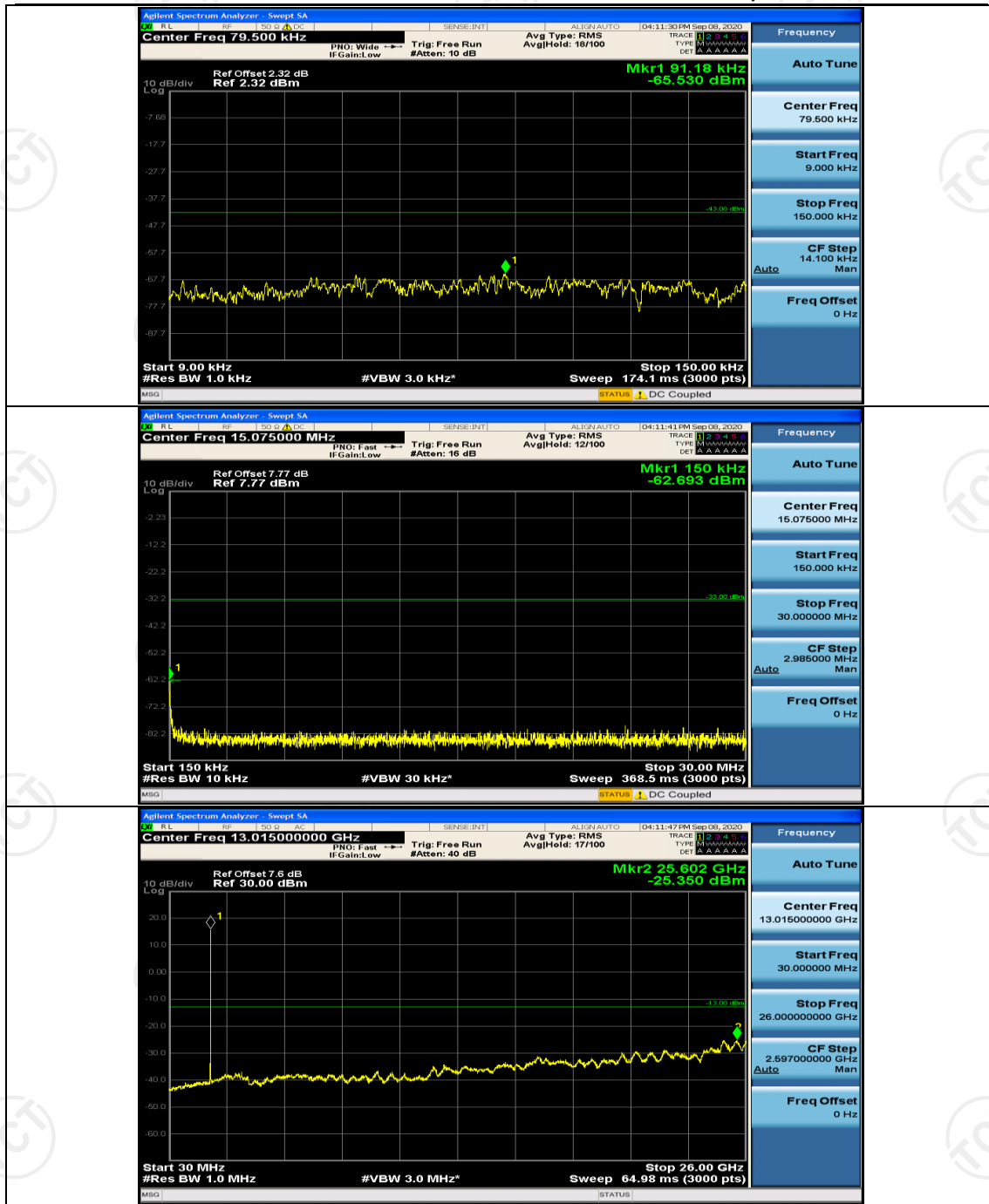




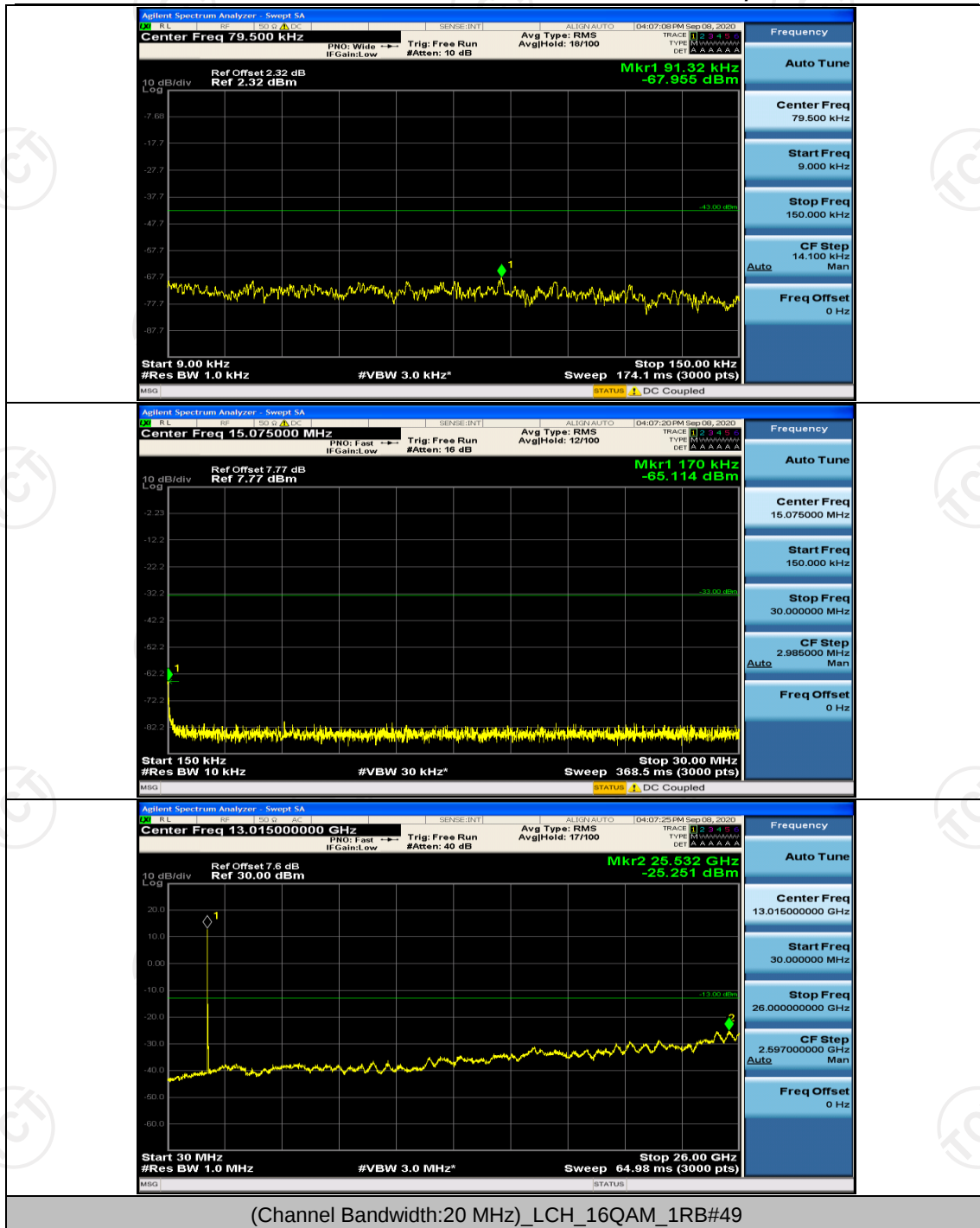
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0

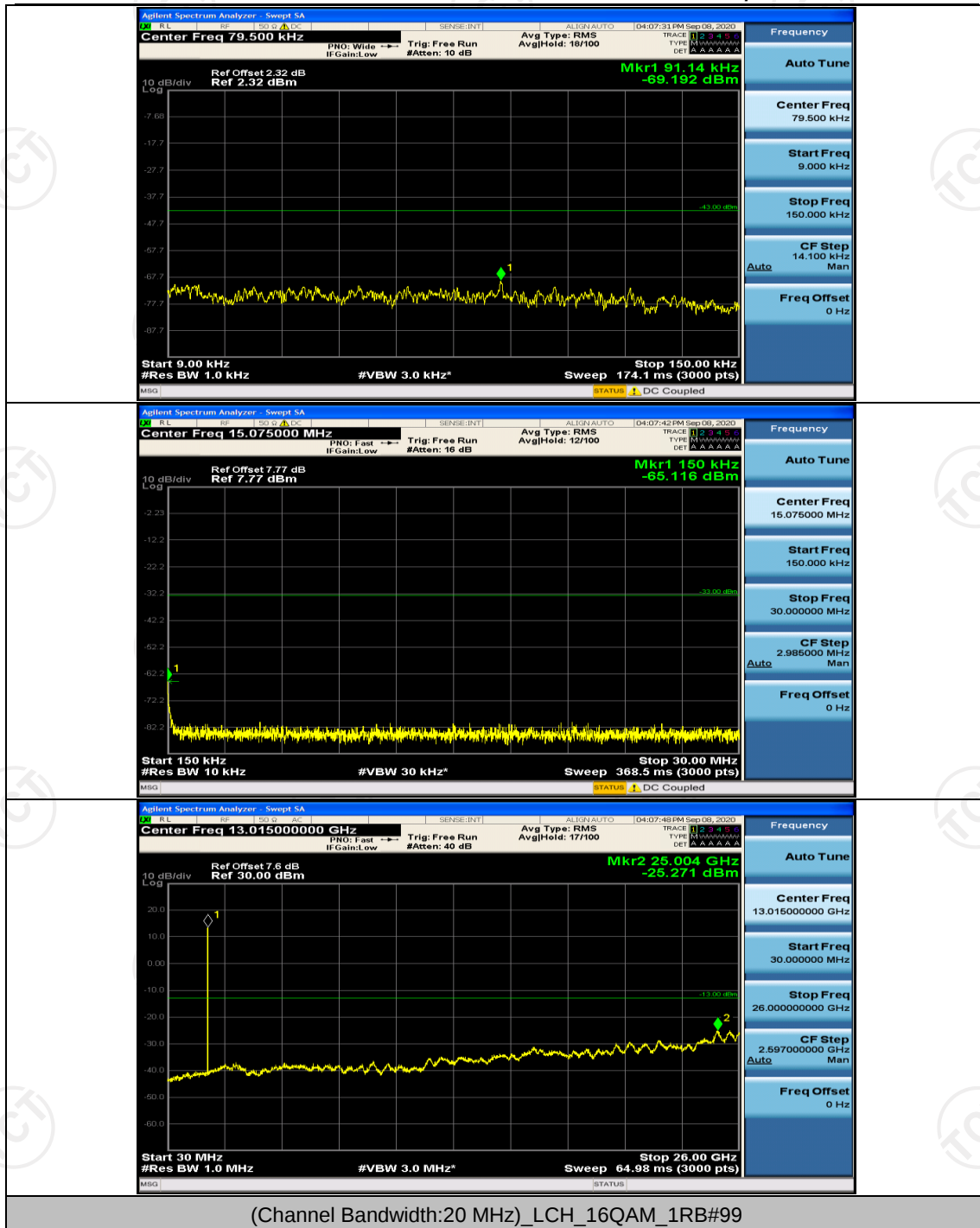


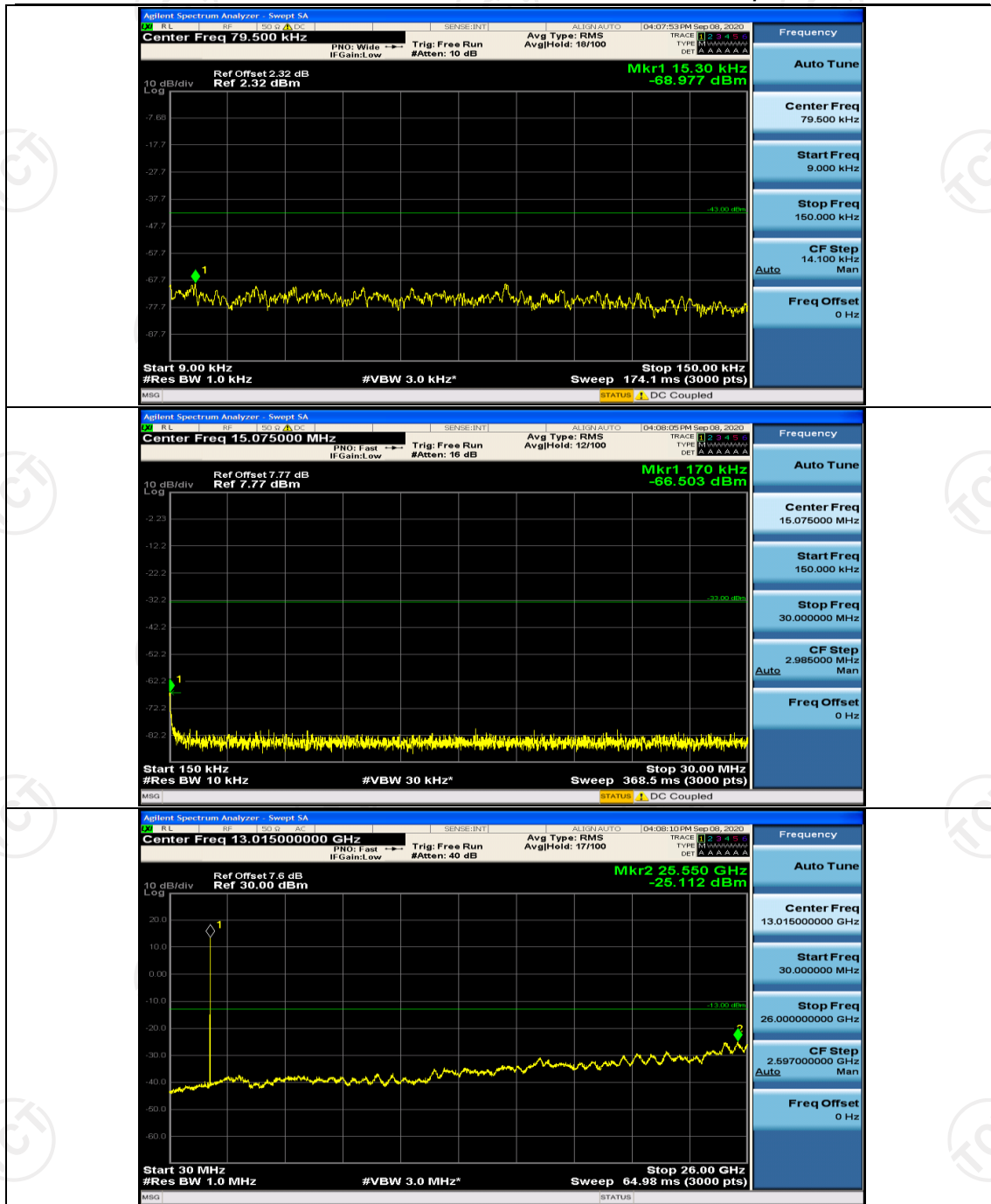




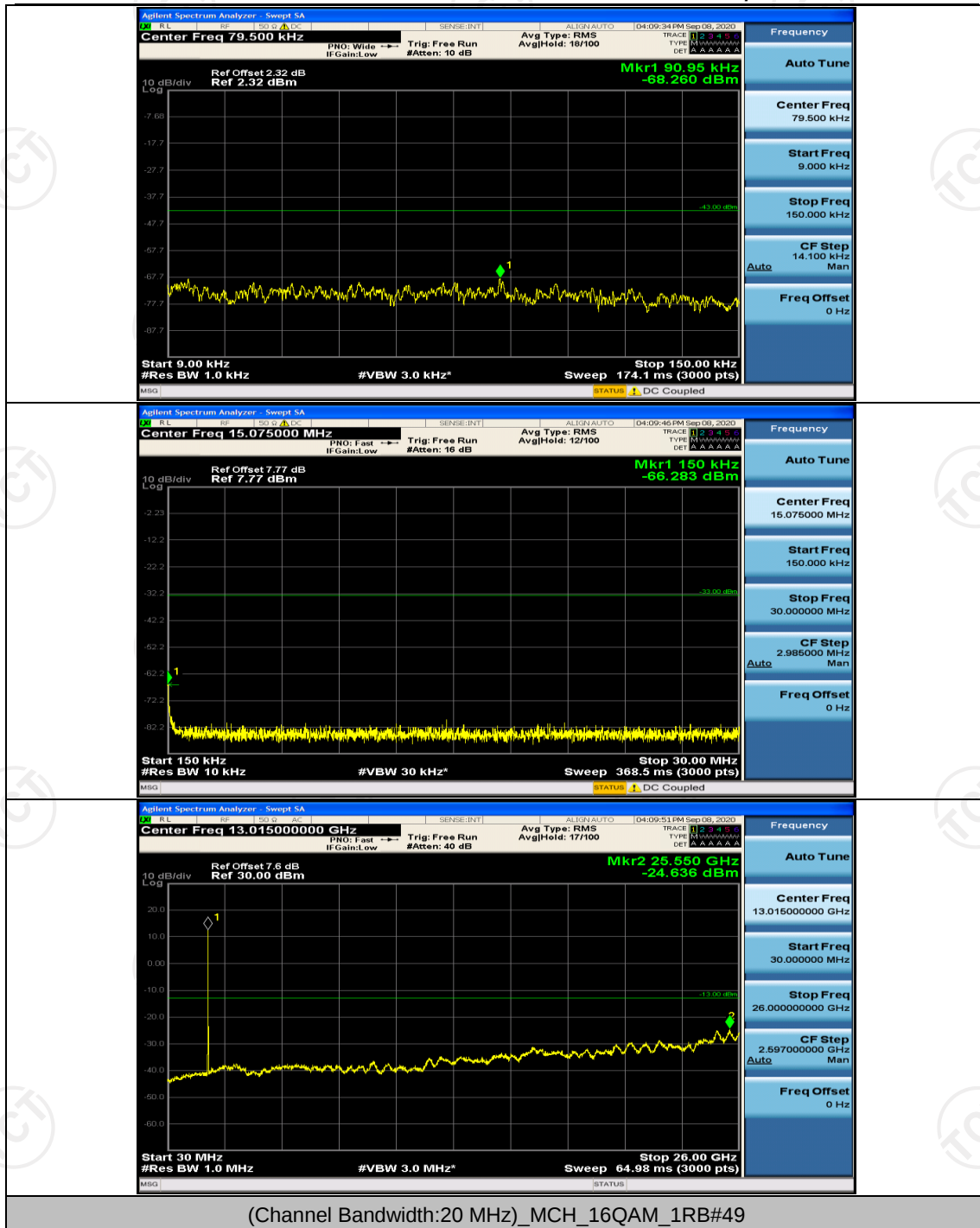
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0

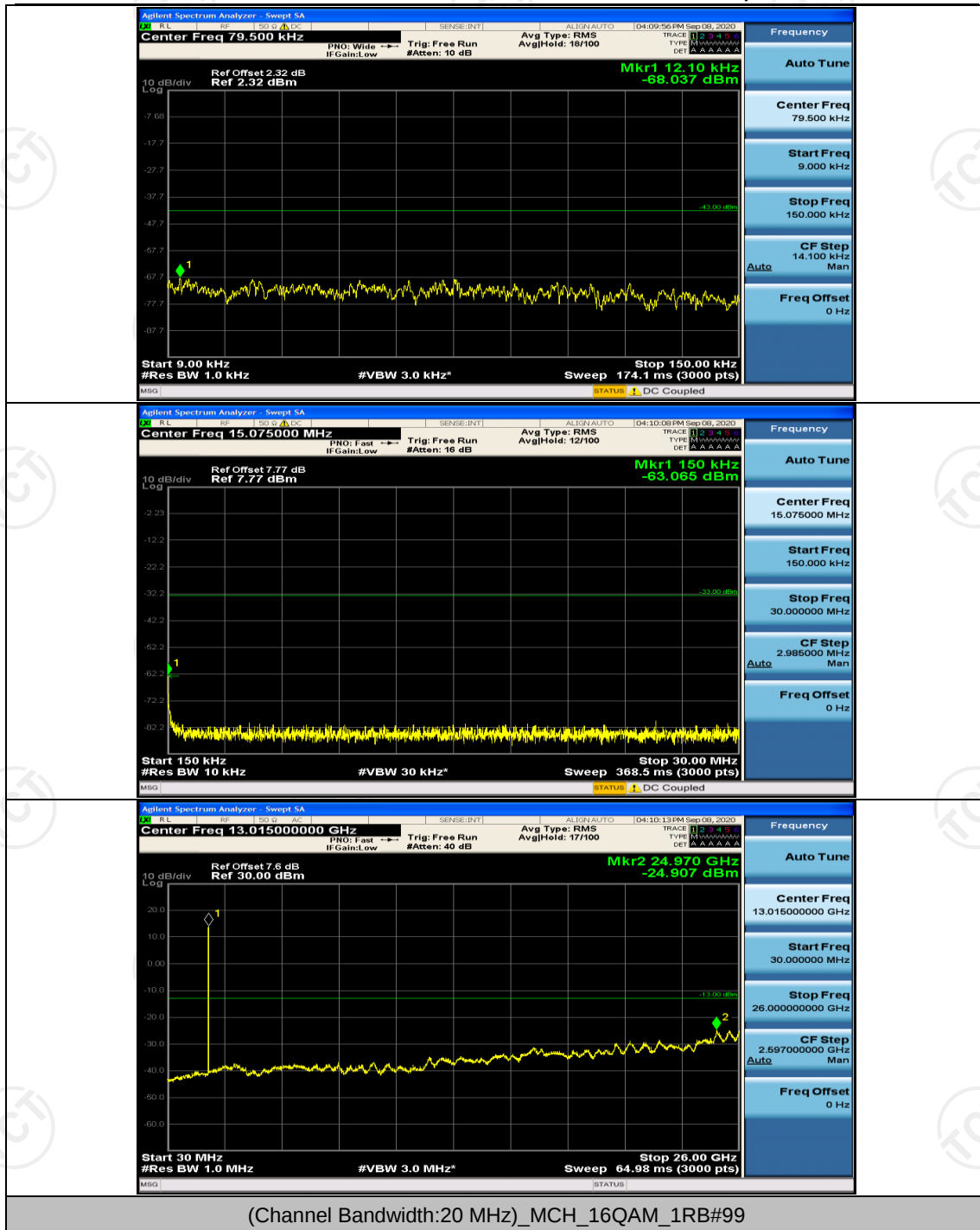


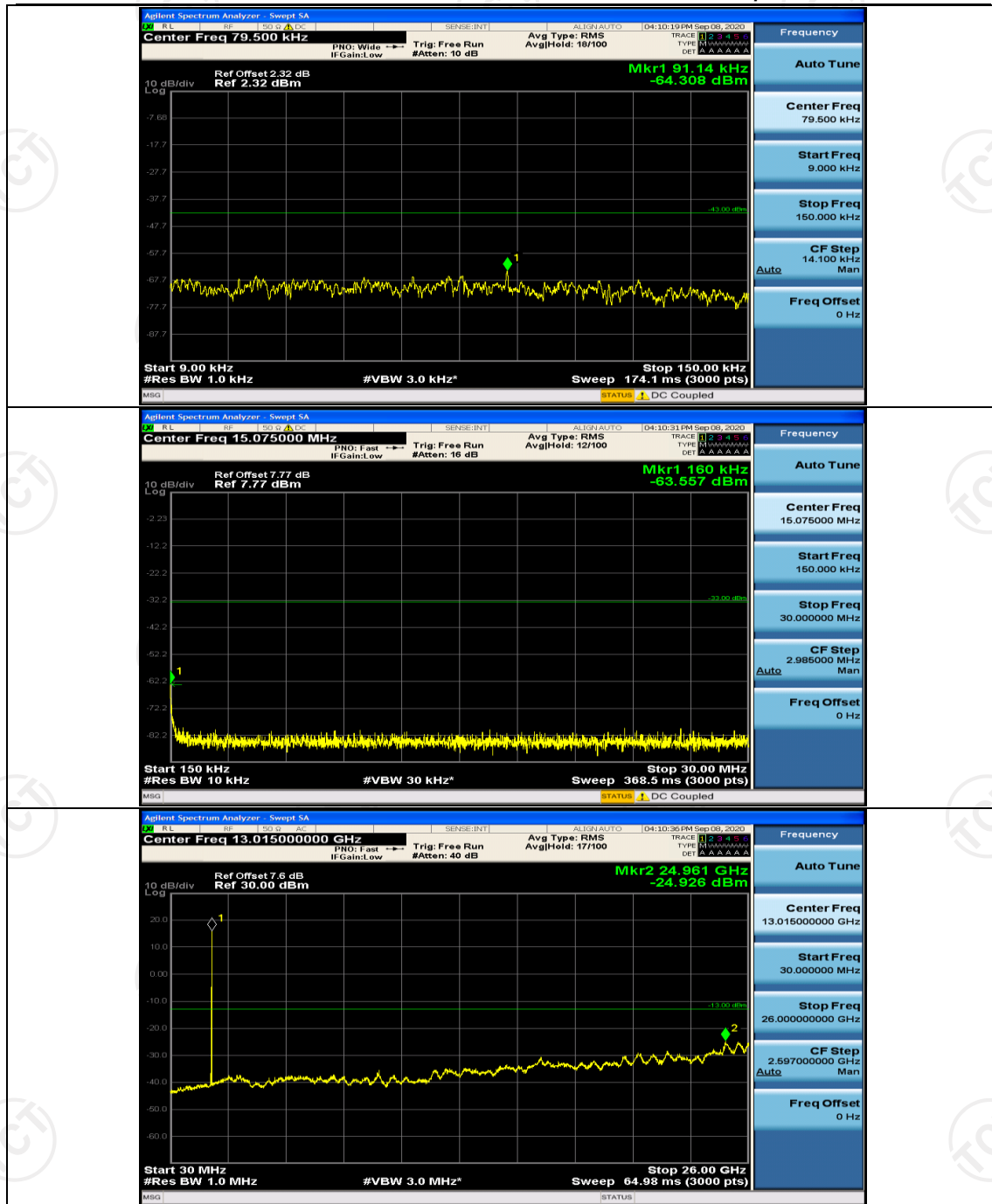




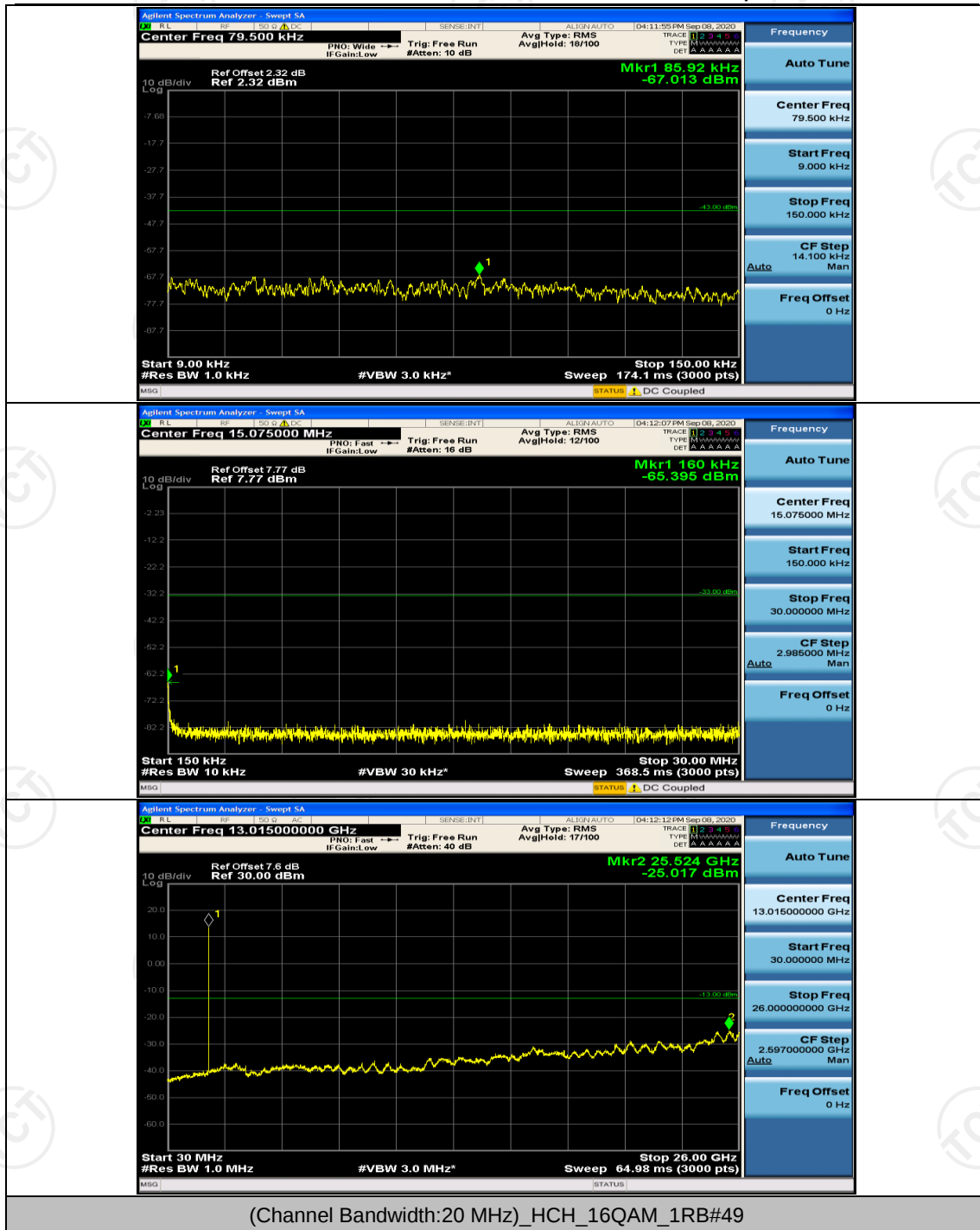
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0

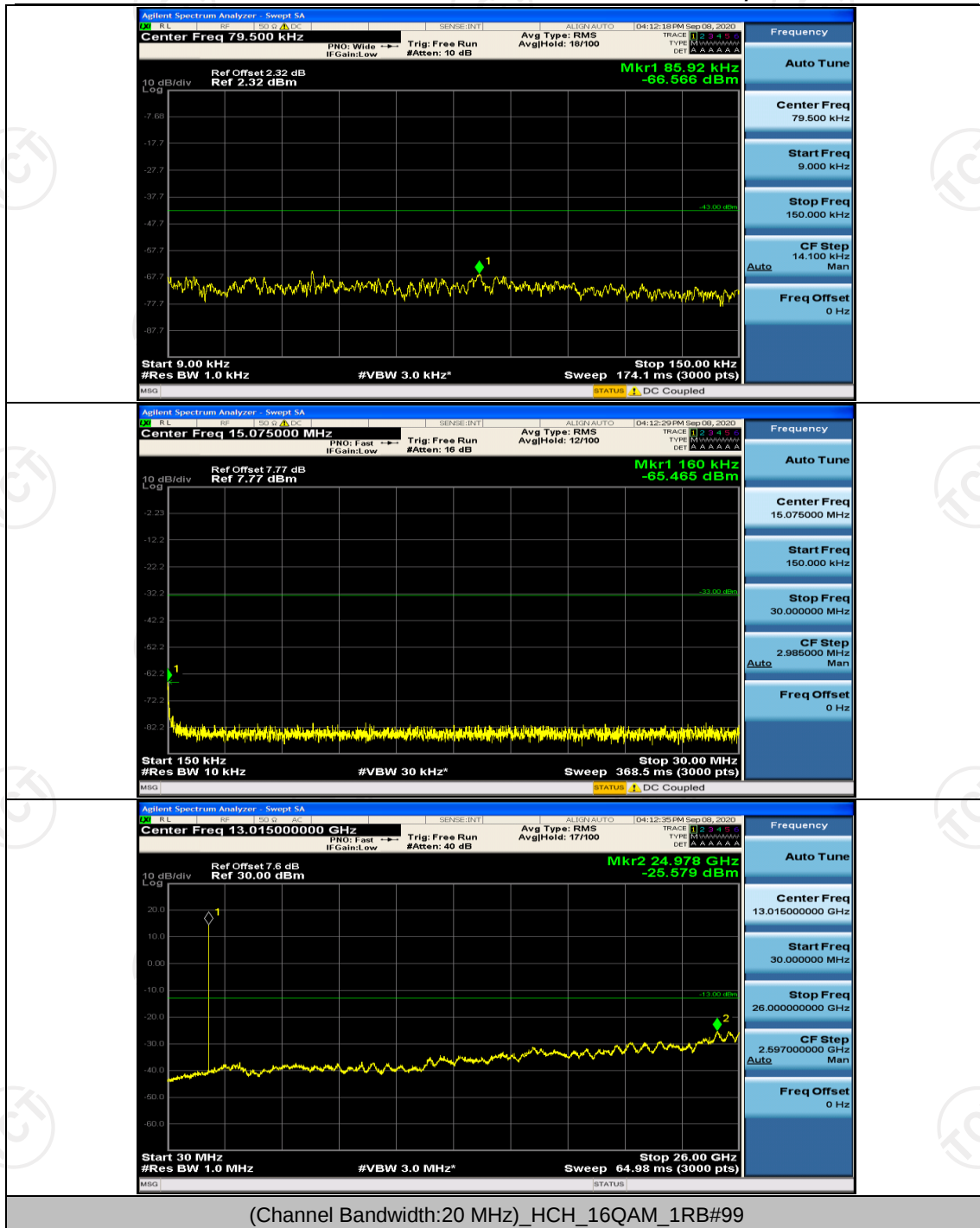


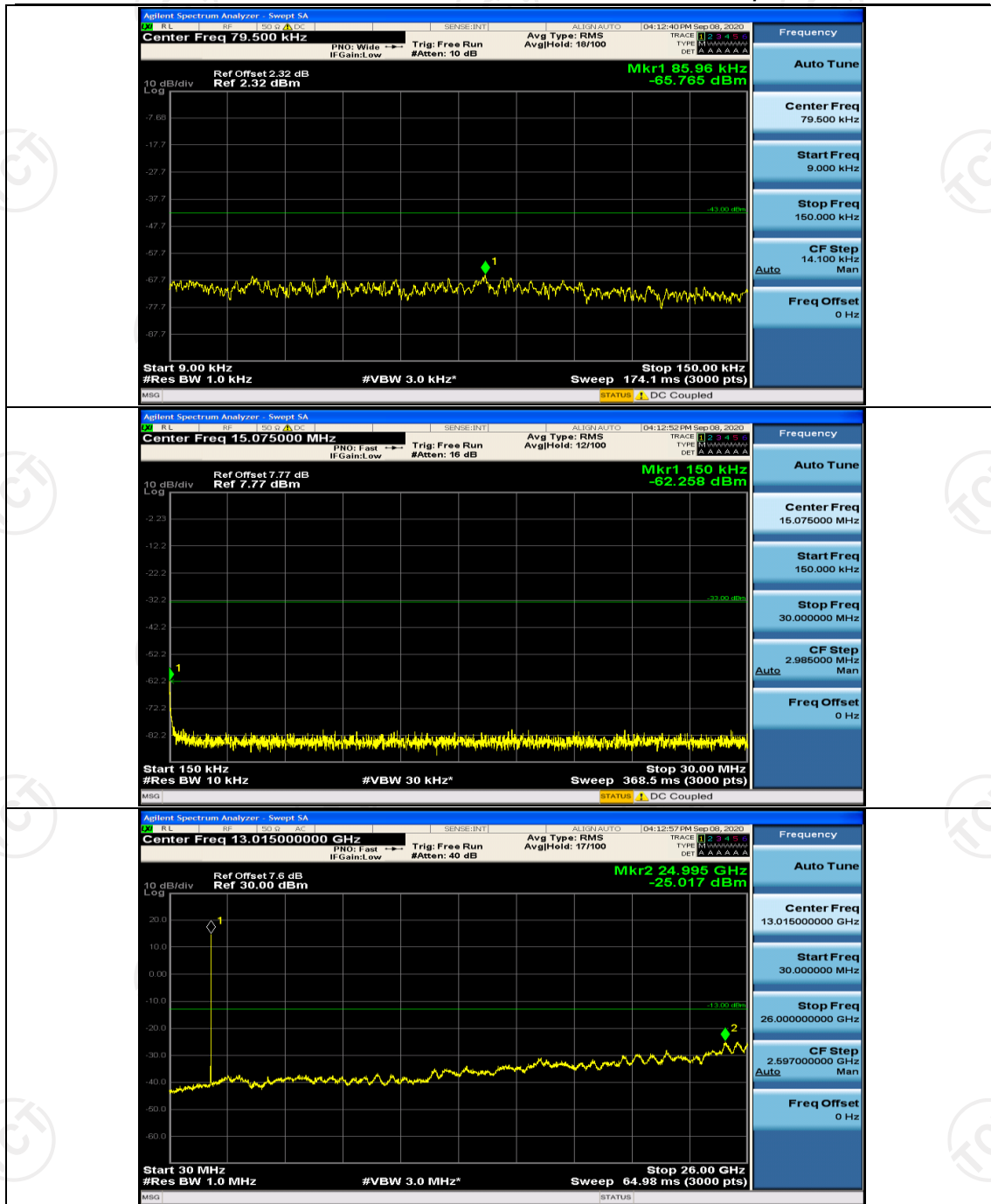




(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0







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	-2.40	-0.001387	± 2.5	PASS
		VN	TN	5.41	0.003121	± 2.5	PASS
		VH	TN	11.23	0.006482	± 2.5	PASS
	MCH	VL	TN	15.09	0.008711	± 2.5	PASS
		VN	TN	-35.66	-0.018969	± 2.5	PASS
		VH	TN	10.34	0.006013	± 2.5	PASS
	HCH	VL	TN	27.25	0.015844	± 2.5	PASS
		VN	TN	8.03	0.004666	± 2.5	PASS
		VH	TN	20.94	0.012176	± 2.5	PASS
16QAM	LCH	VL	TN	-18.35	-0.010518	± 2.5	PASS
		VN	TN	-27.94	-0.016010	± 2.5	PASS
		VH	TN	-13.49	-0.007730	± 2.5	PASS
	MCH	VL	TN	-4.38	-0.002509	± 2.5	PASS
		VN	TN	-11.86	-0.006308	± 2.5	PASS
		VH	TN	-29.31	-0.016918	± 2.5	PASS
	HCH	VL	TN	-30.37	-0.017529	± 2.5	PASS
		VN	TN	-13.89	-0.008017	± 2.5	PASS
		VH	TN	-35.98	-0.020766	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-17.42	-0.010130	± 2.5	PASS
		VN	-20	-37.48	-0.021790	± 2.5	PASS
		VN	-10	-19.17	-0.011145	± 2.5	PASS
		VN	0	-27.61	-0.016052	± 2.5	PASS
		VN	10	20.00	0.011460	± 2.5	PASS
		VN	20	-22.54	-0.012182	± 2.5	PASS
		VN	30	-20.28	-0.010961	± 2.5	PASS
		VN	40	-6.90	-0.003726	± 2.5	PASS
		VN	50	9.56	0.005163	± 2.5	PASS
	MCH	VN	-30	-9.50	-0.005483	± 2.5	PASS
		VN	-20	-12.97	-0.007489	± 2.5	PASS
		VN	-10	-7.68	-0.004434	± 2.5	PASS
		VN	0	-5.25	-0.003030	± 2.5	PASS
		VN	10	-3.55	-0.002048	± 2.5	PASS
		VN	20	-28.17	-0.014982	± 2.5	PASS

		VN	30	-31.53	-0.016770	± 2.5	PASS
		VN	40	-6.21	-0.003302	± 2.5	PASS
		VN	50	-34.89	-0.018559	± 2.5	PASS
	HCH	VN	-30	-26.01	-0.015011	± 2.5	PASS
		VN	-20	-14.18	-0.008183	± 2.5	PASS
		VN	-10	-6.68	-0.003856	± 2.5	PASS
		VN	0	4.05	0.002337	± 2.5	PASS
		VN	10	-21.04	-0.012146	± 2.5	PASS
		VN	20	-33.76	-0.017682	± 2.5	PASS
		VN	30	-47.22	-0.024732	± 2.5	PASS
		VN	40	-10.70	-0.005604	± 2.5	PASS
		VN	50	-28.34	-0.014842	± 2.5	PASS
		VN	-30	13.20	0.007688	± 2.5	PASS
16QAM	LCH	VN	-20	23.80	0.013860	± 2.5	PASS
		VN	-10	25.45	0.014817	± 2.5	PASS
		VN	0	27.37	0.015933	± 2.5	PASS
		VN	10	11.64	0.006663	± 2.5	PASS
		VN	20	22.67	0.012251	± 2.5	PASS
		VN	30	38.87	0.021001	± 2.5	PASS
		VN	40	5.51	0.002976	± 2.5	PASS
		VN	50	19.10	0.010319	± 2.5	PASS
	MCH	VN	-30	-11.60	-0.006629	± 2.5	PASS
		VN	-20	-3.48	-0.001986	± 2.5	PASS
		VN	-10	2.95	0.001684	± 2.5	PASS
		VN	0	7.64	0.004365	± 2.5	PASS
		VN	10	-12.29	-0.007155	± 2.5	PASS
		VN	20	-5.87	-0.003120	± 2.5	PASS
		VN	30	-1.10	-0.000586	± 2.5	PASS
		VN	40	9.28	0.004938	± 2.5	PASS
		VN	50	18.47	0.009823	± 2.5	PASS
	HCH	VN	-30	21.73	0.012399	± 2.5	PASS
		VN	-20	13.66	0.007795	± 2.5	PASS
		VN	-10	9.84	0.005616	± 2.5	PASS
		VN	0	10.17	0.005804	± 2.5	PASS
		VN	10	33.80	0.019288	± 2.5	PASS
		VN	20	40.96	0.021451	± 2.5	PASS
		VN	30	20.79	0.010886	± 2.5	PASS
		VN	40	50.94	0.026680	± 2.5	PASS
		VN	50	15.52	0.008129	± 2.5	PASS