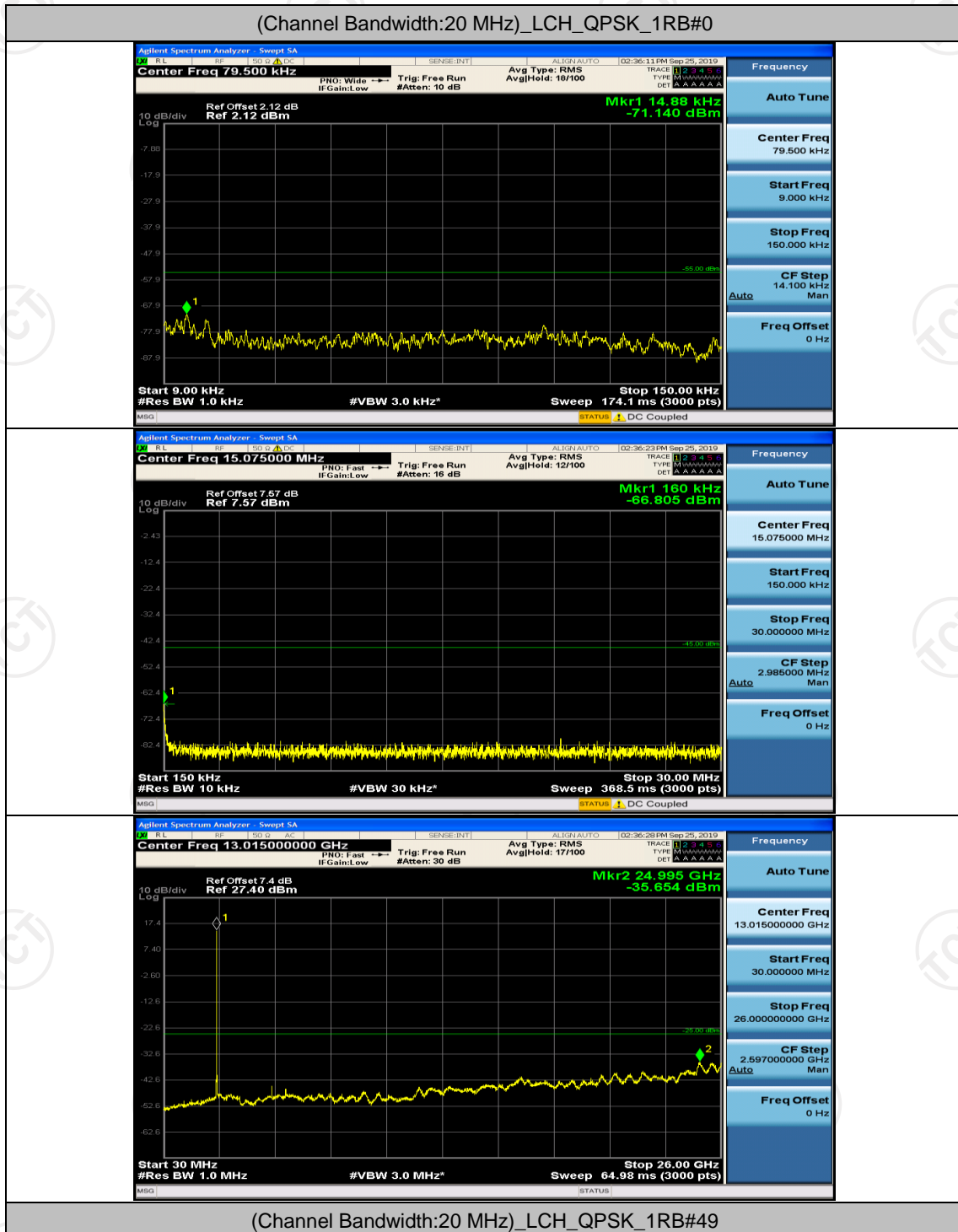
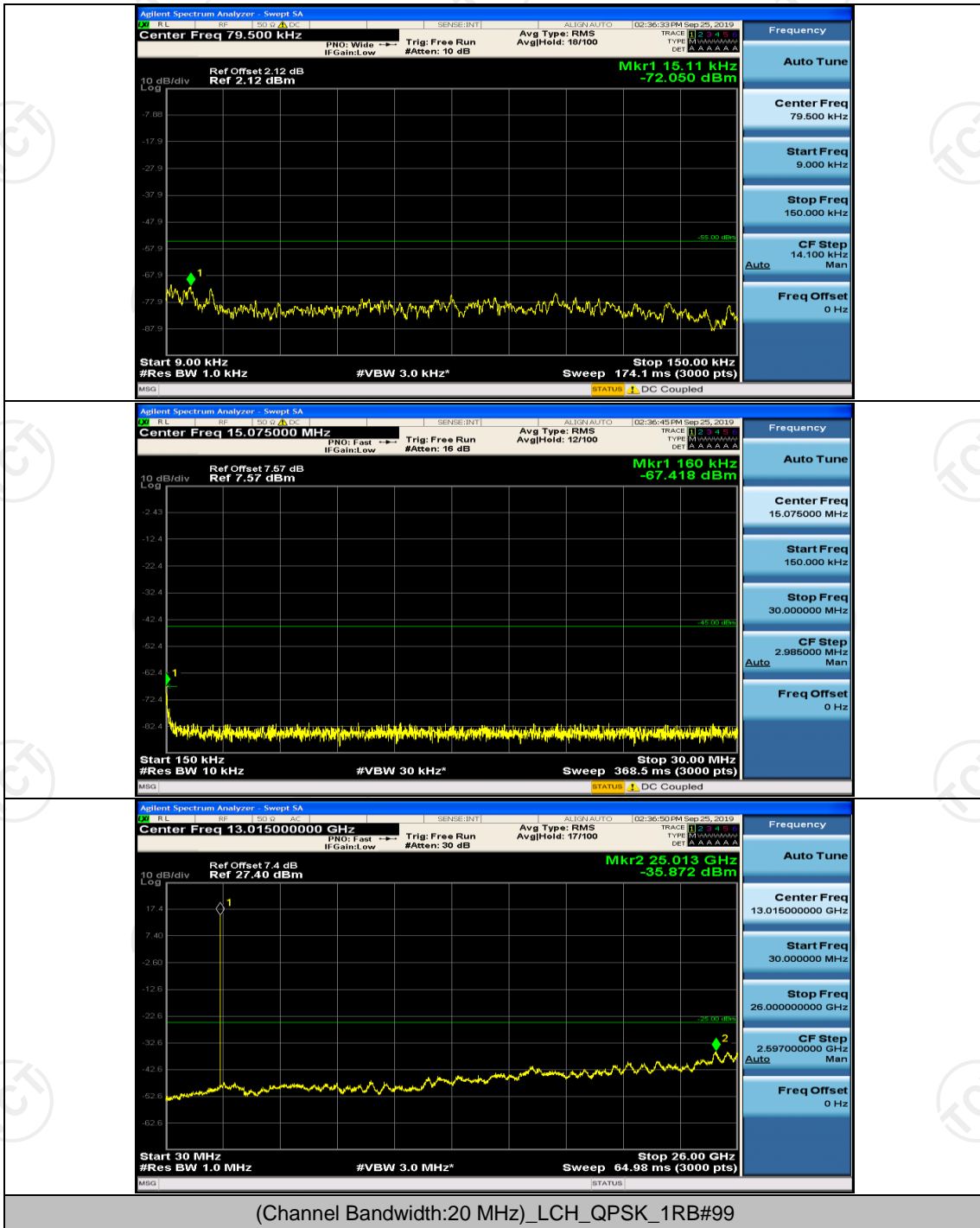
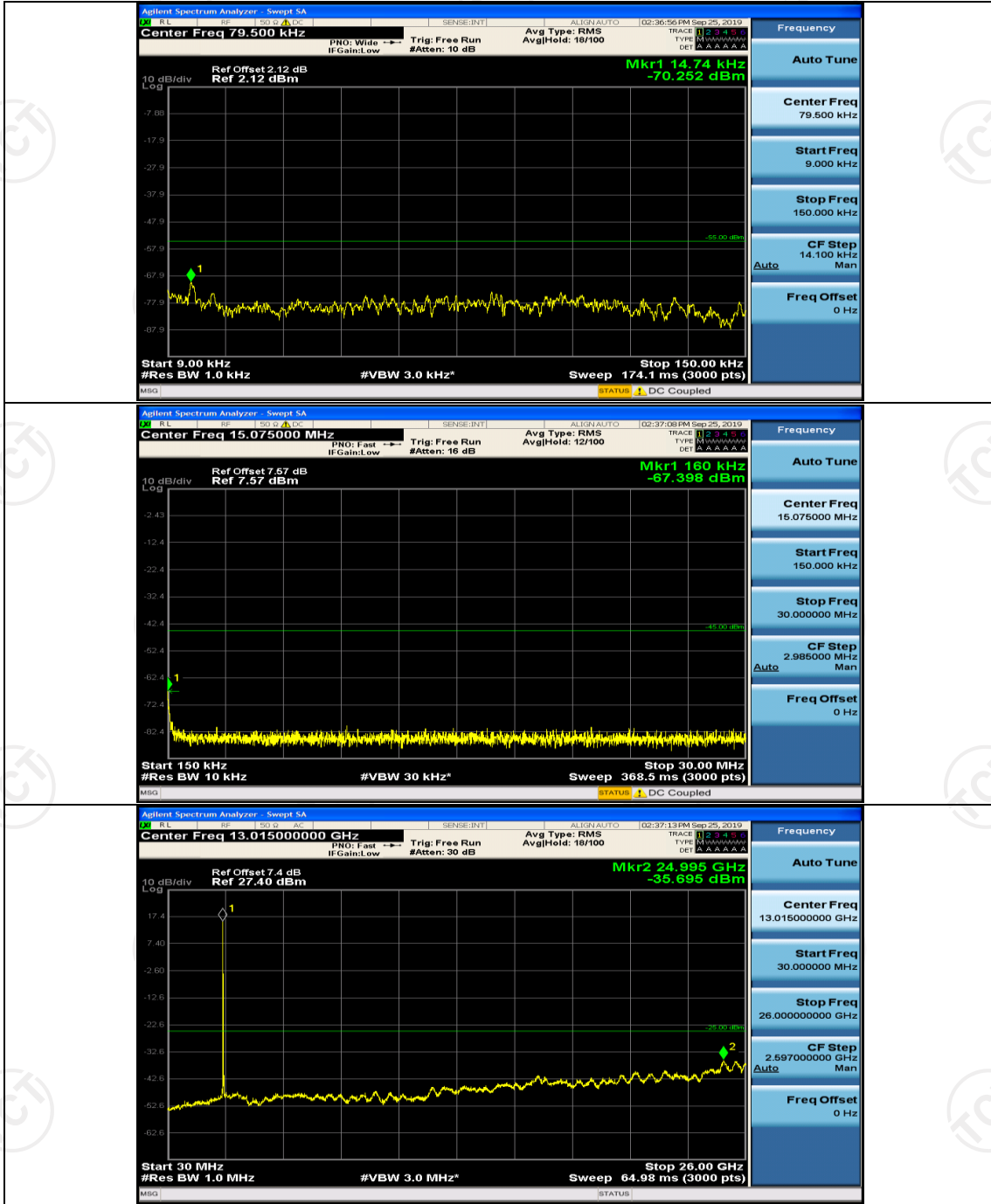
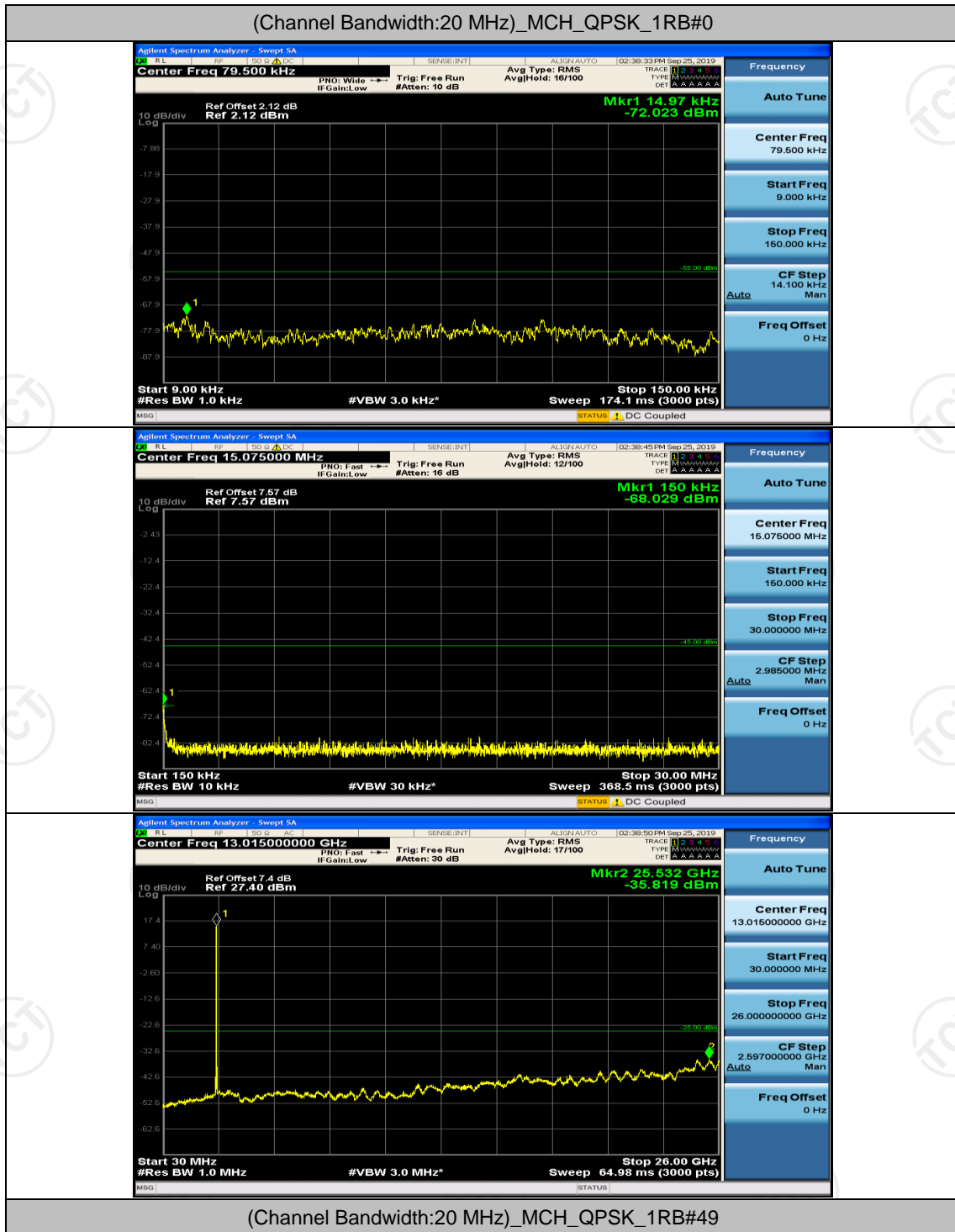


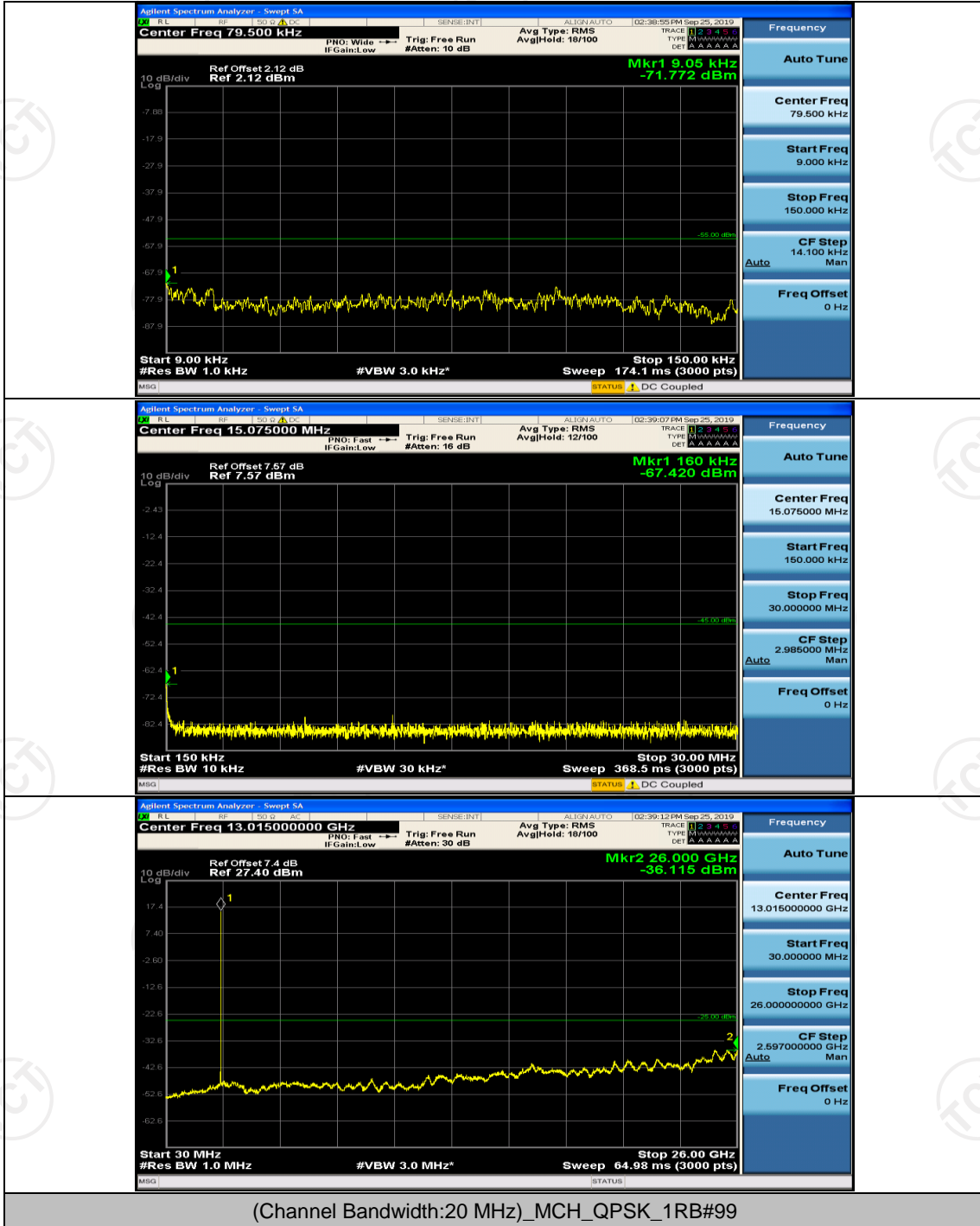
Channel Bandwidth: 20 MHz

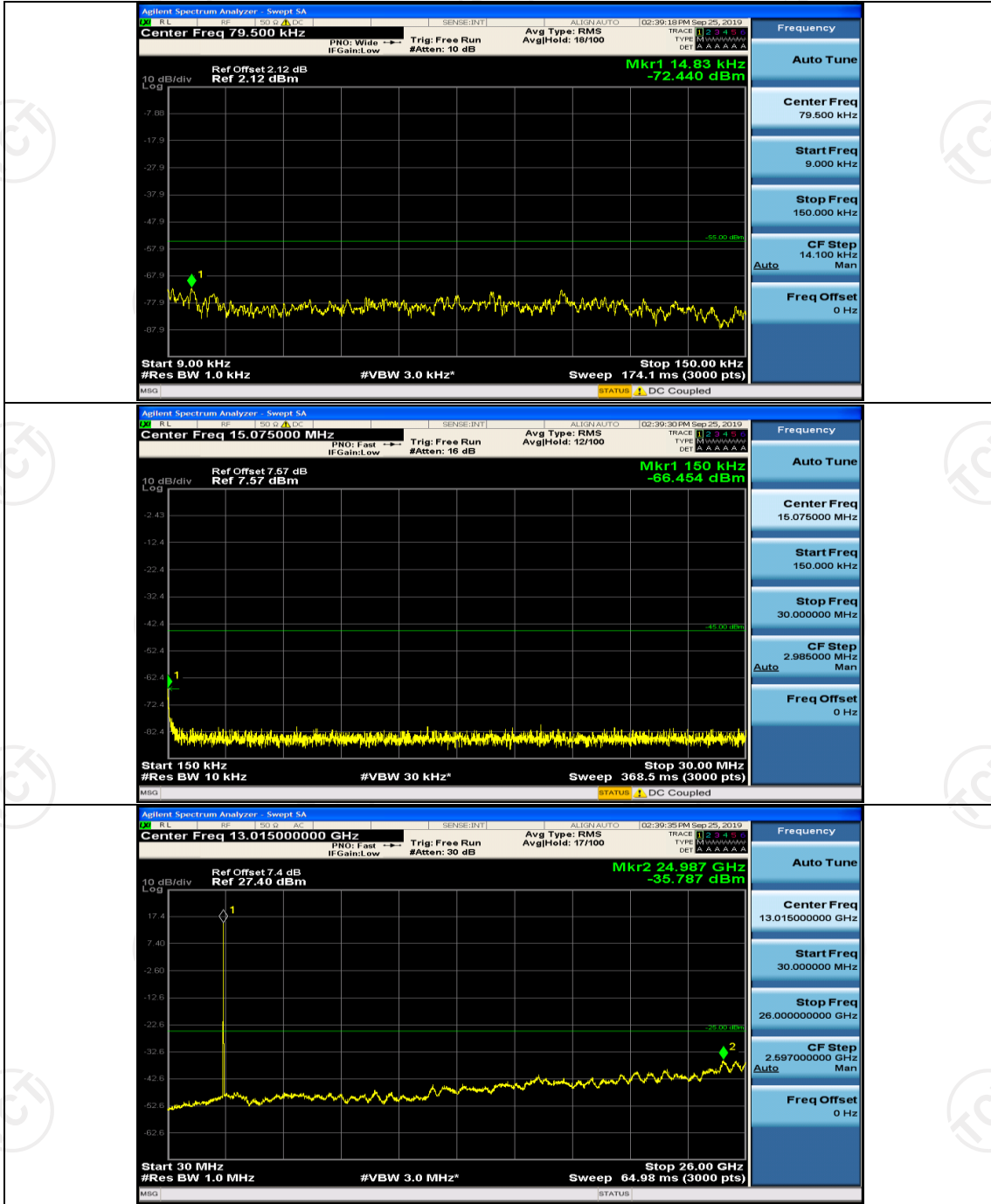


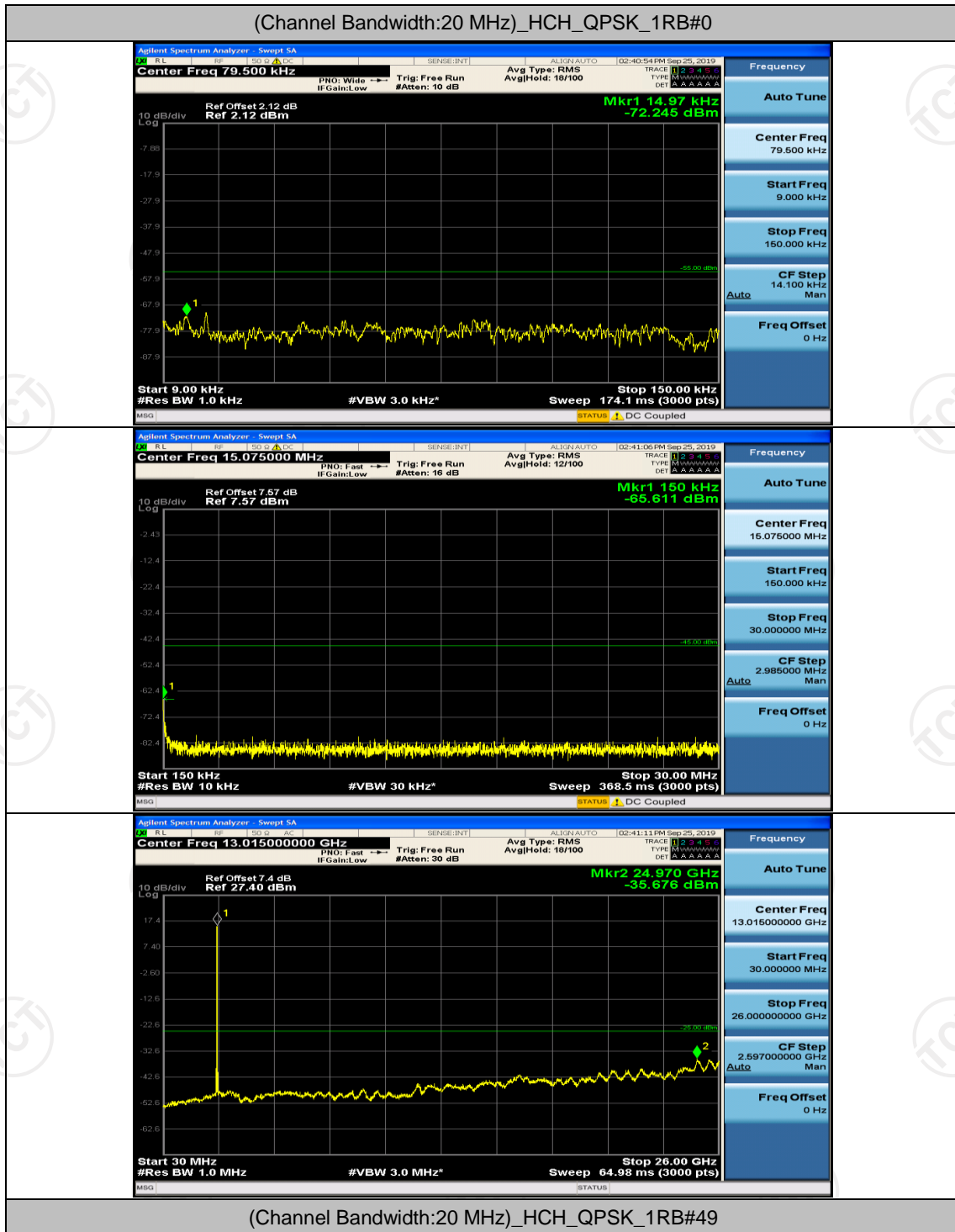


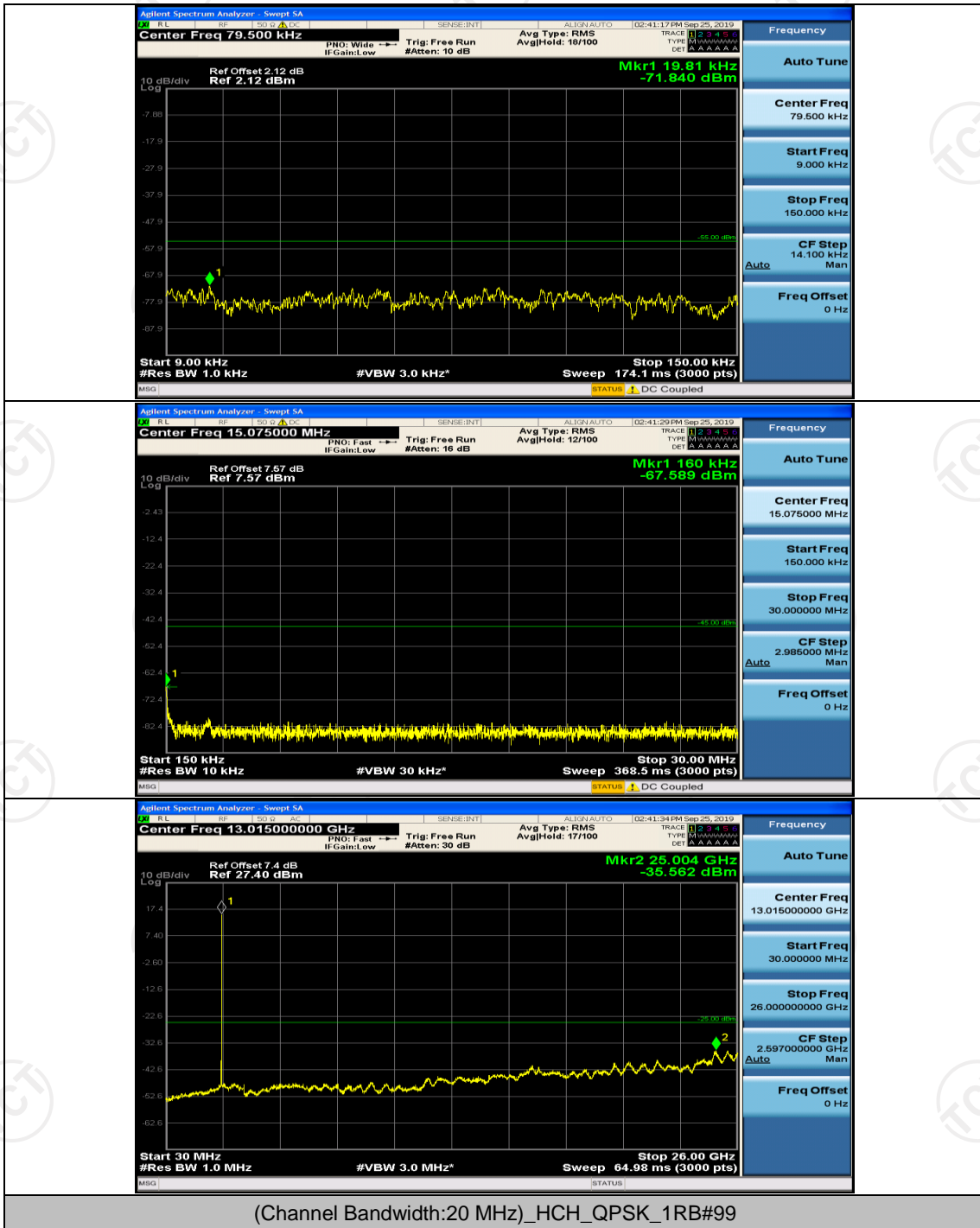


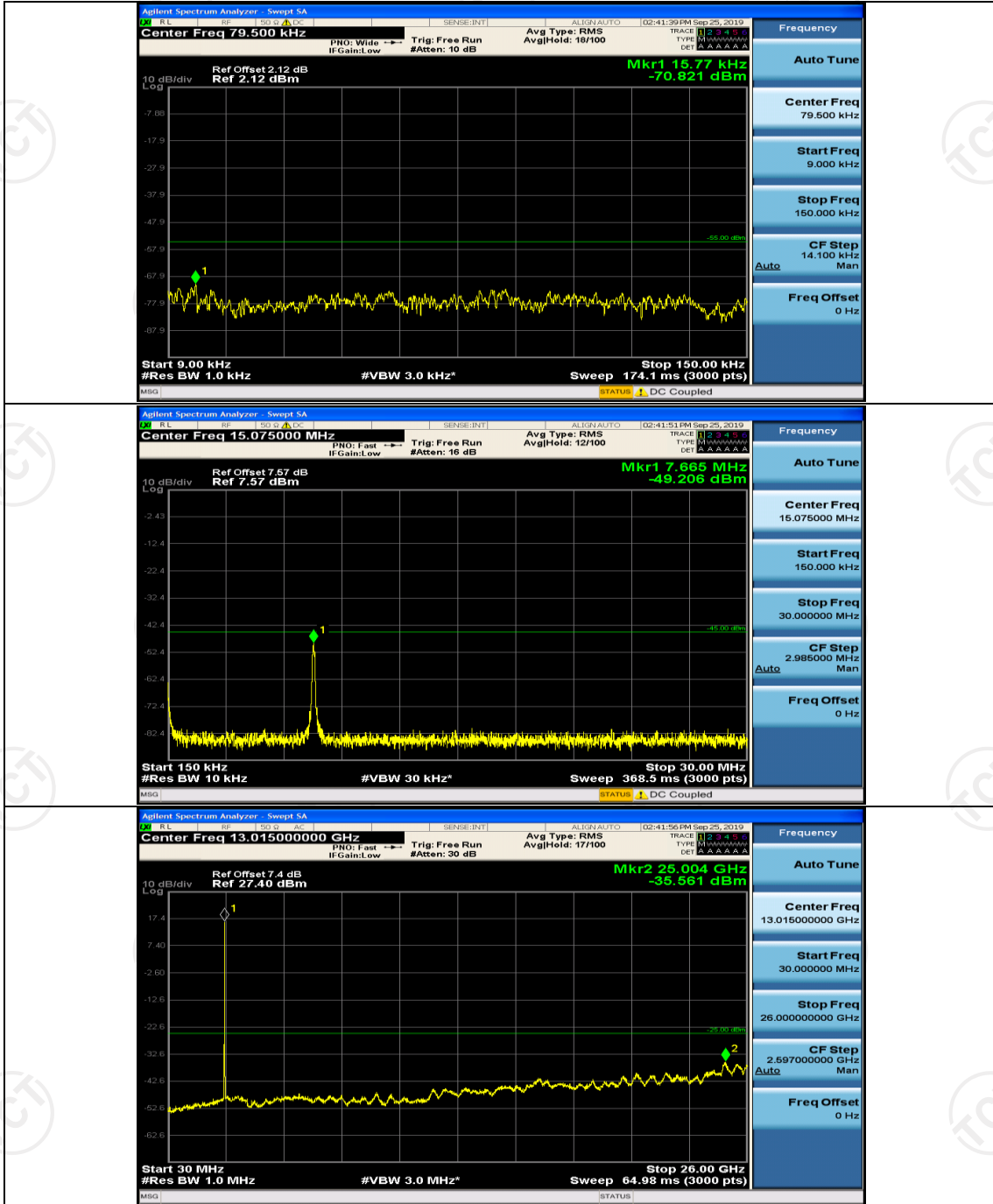


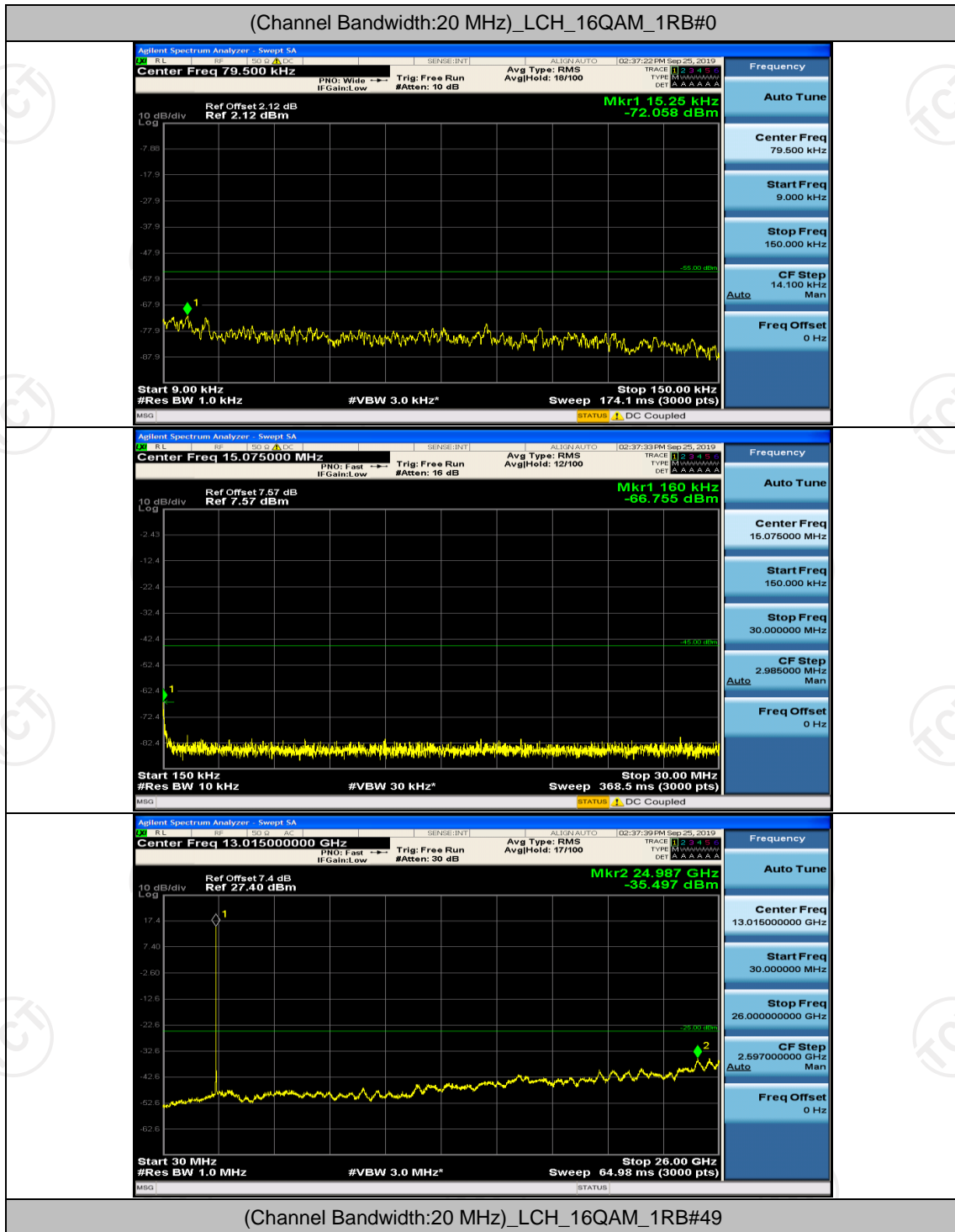


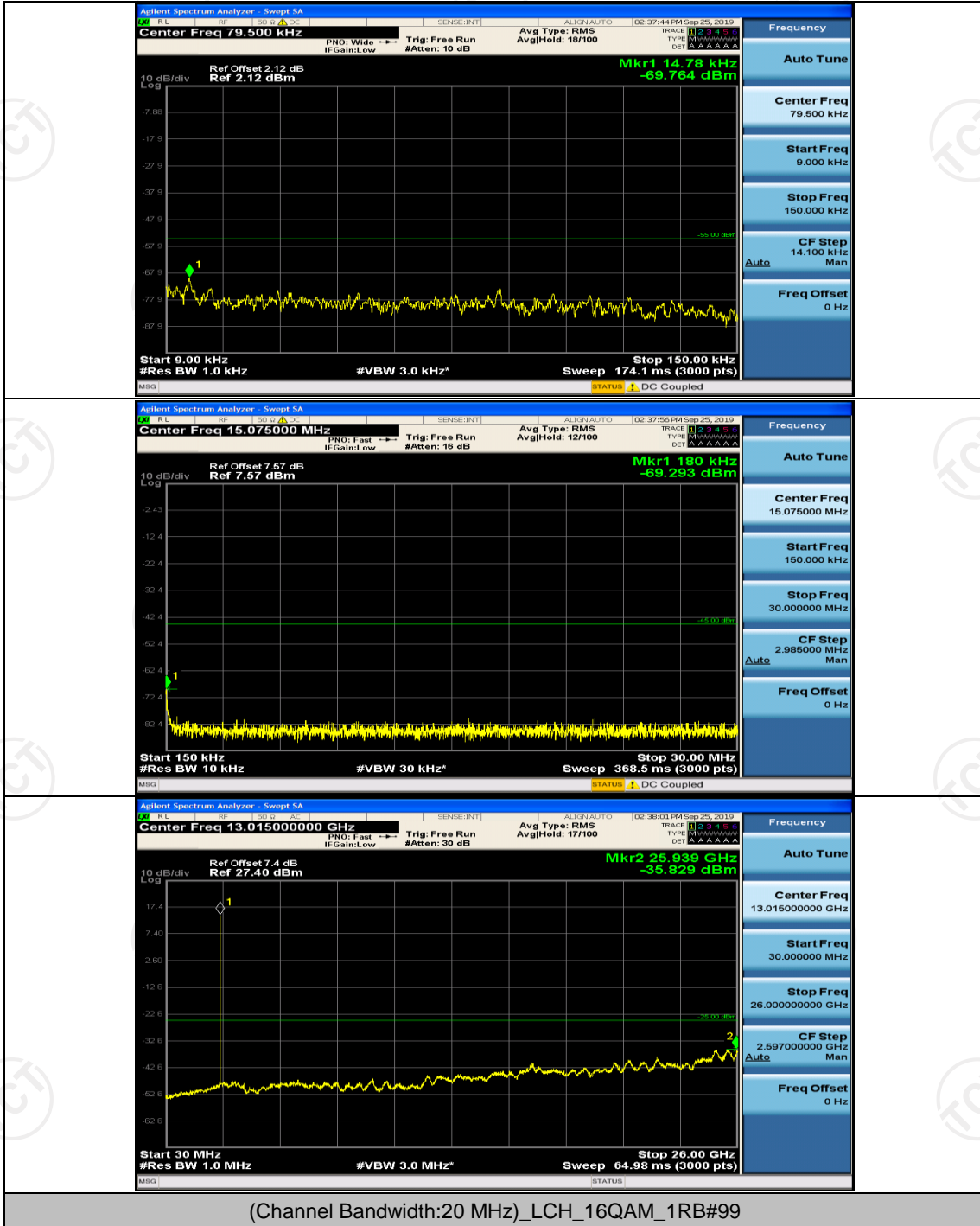


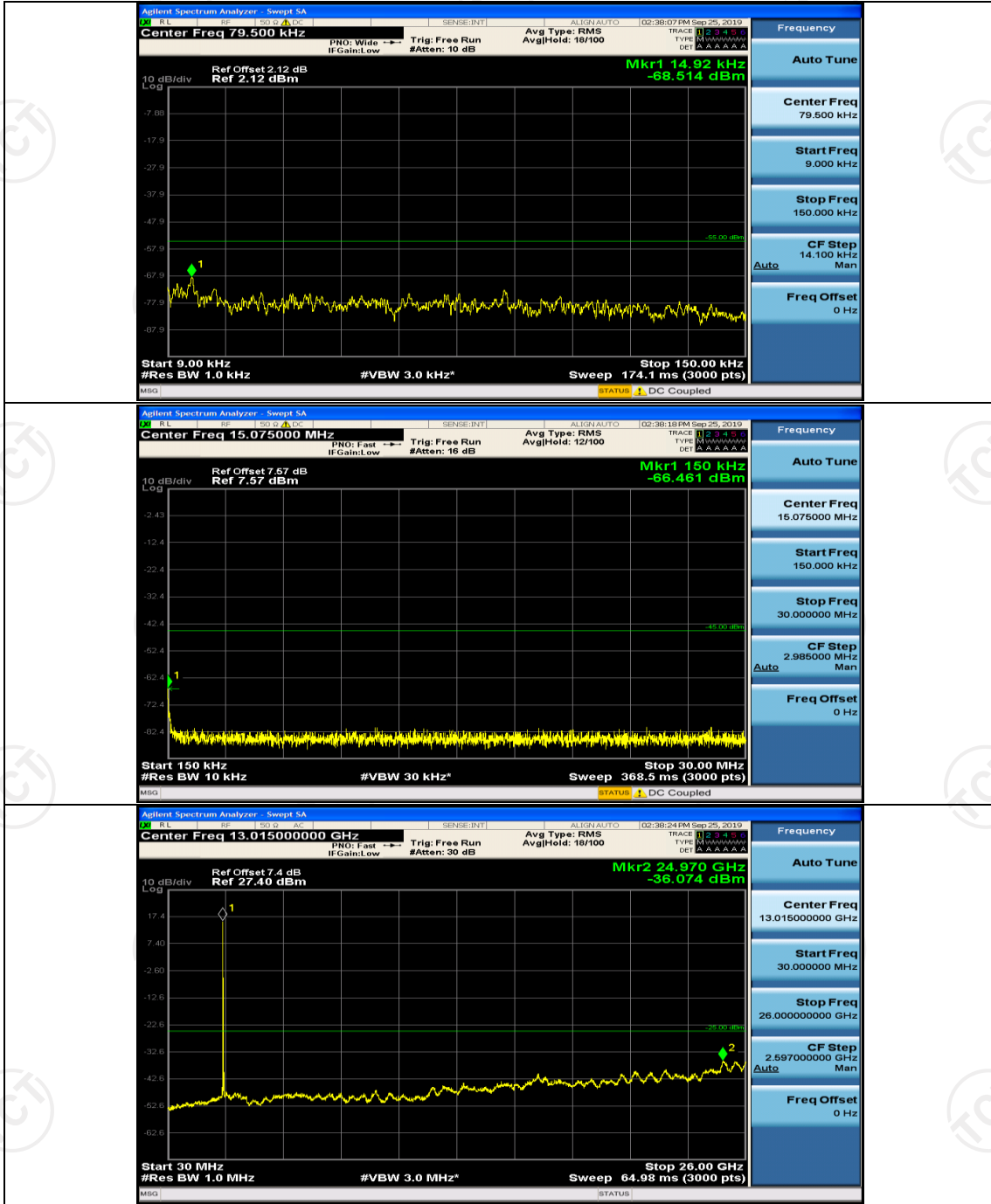


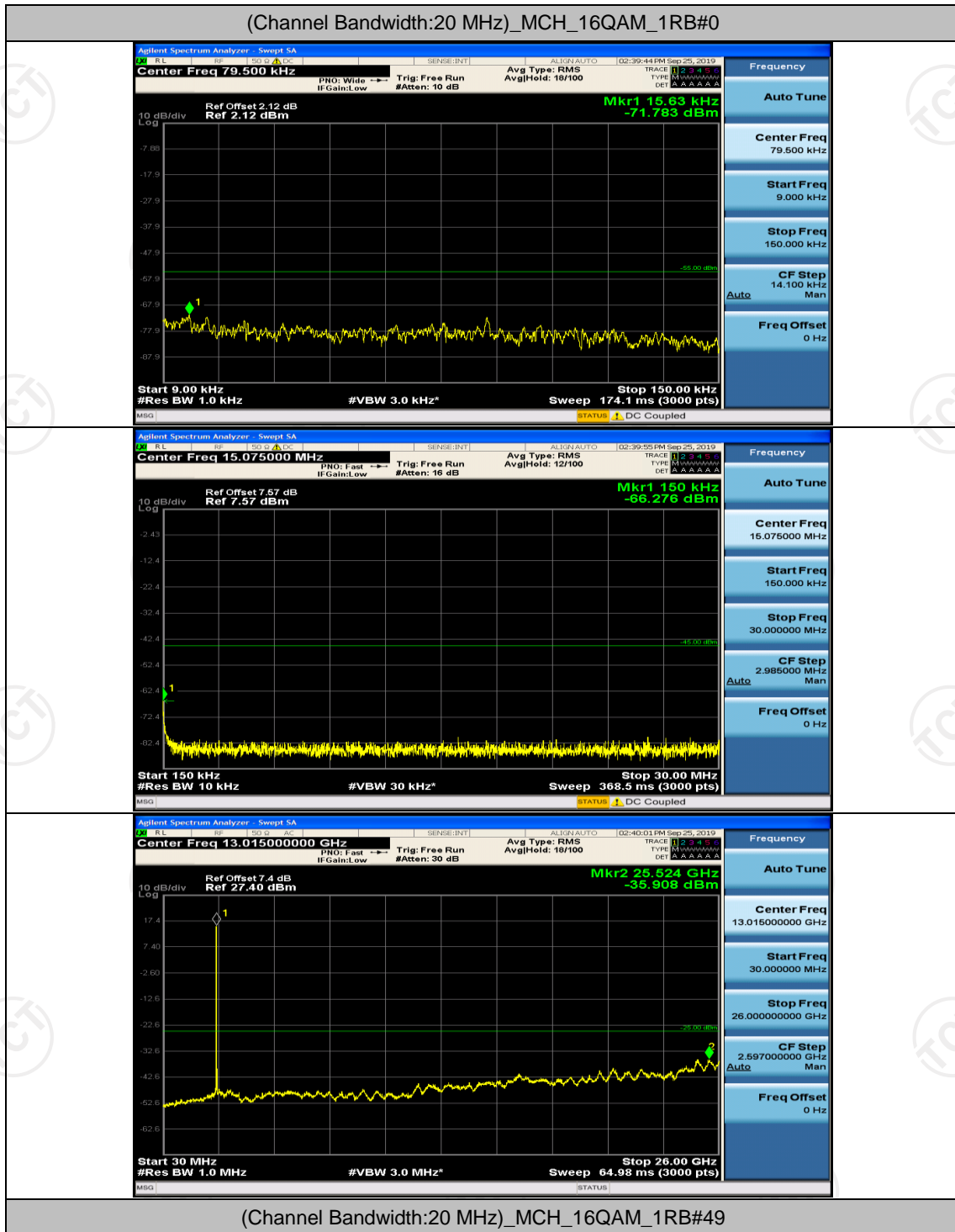


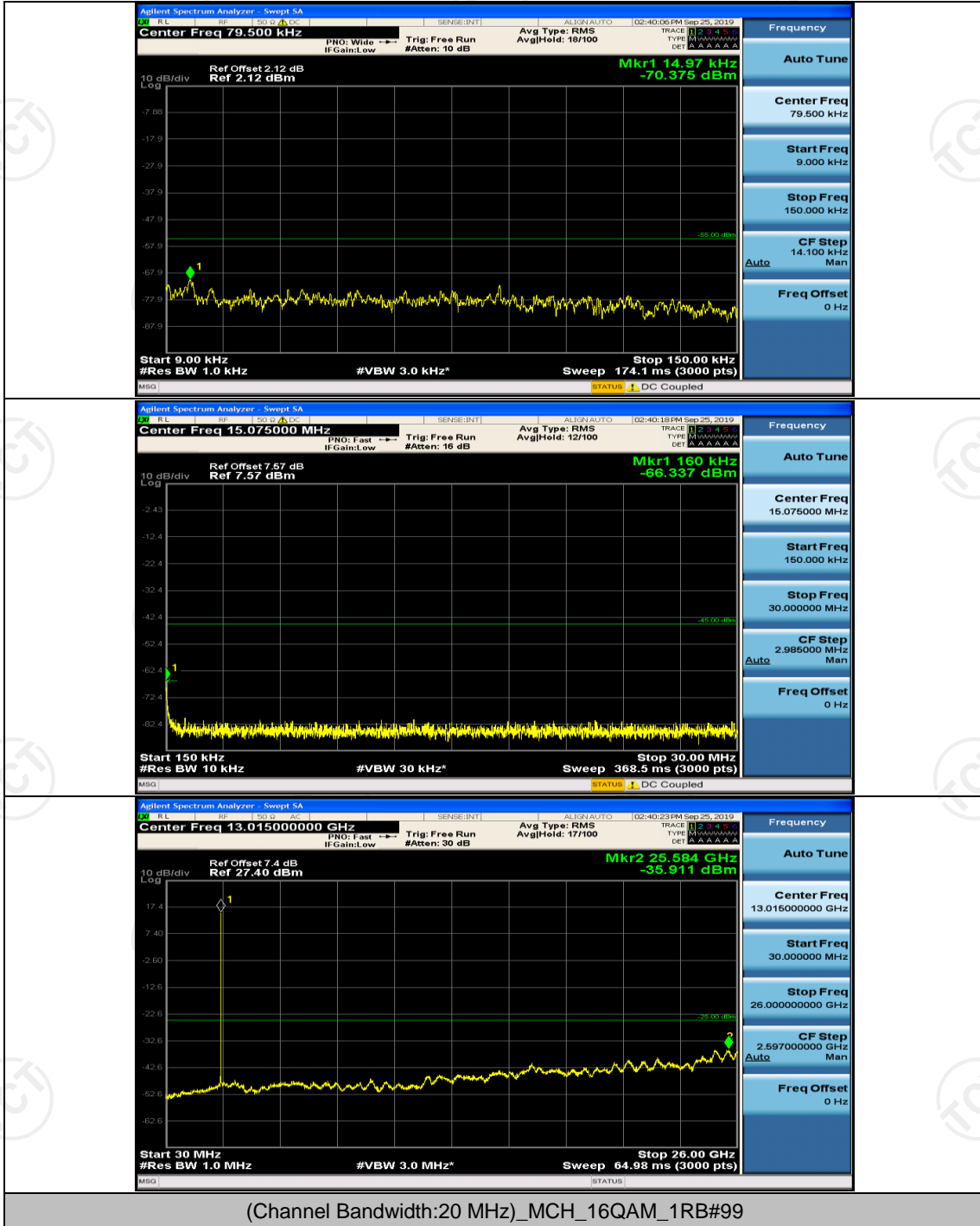


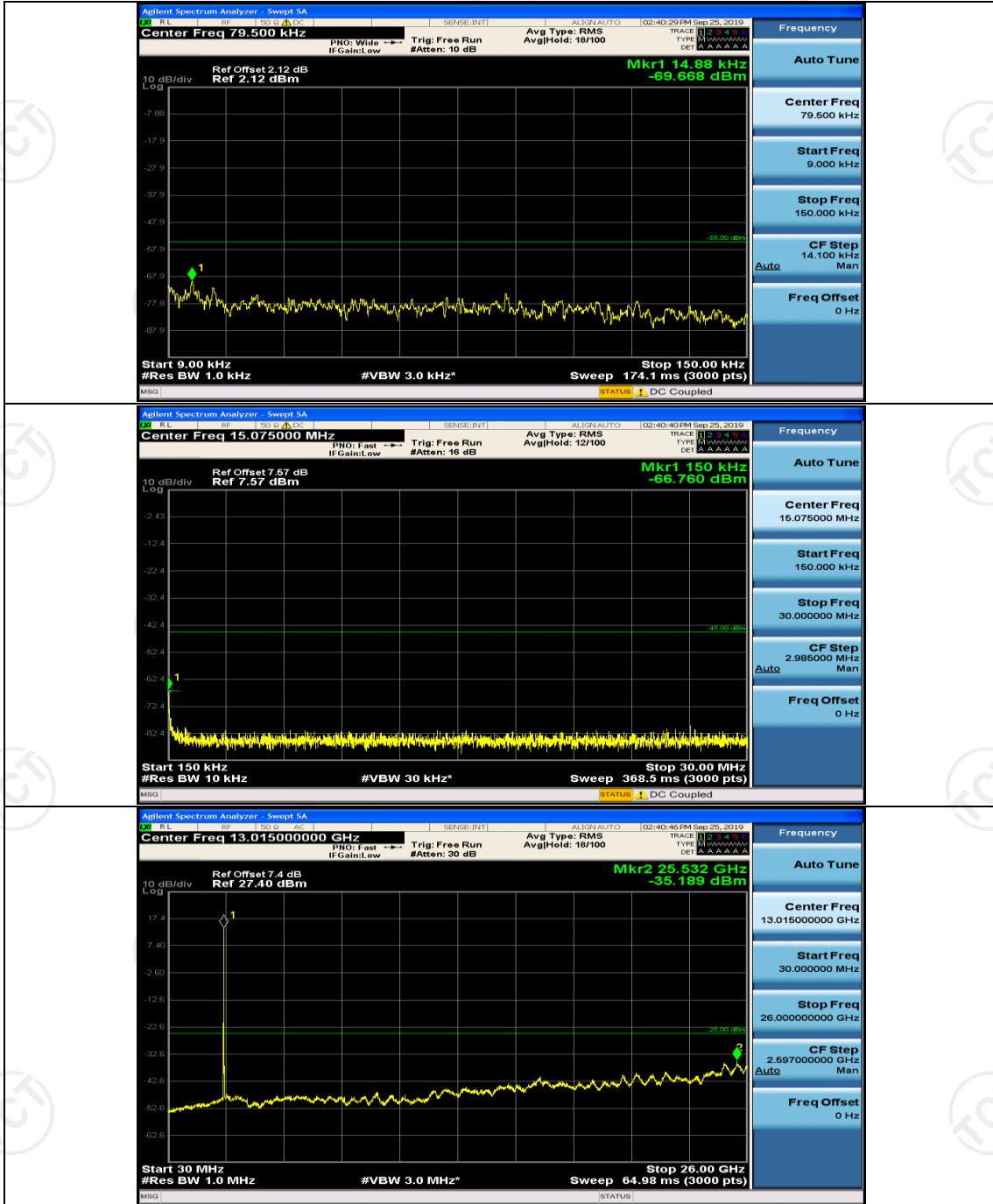


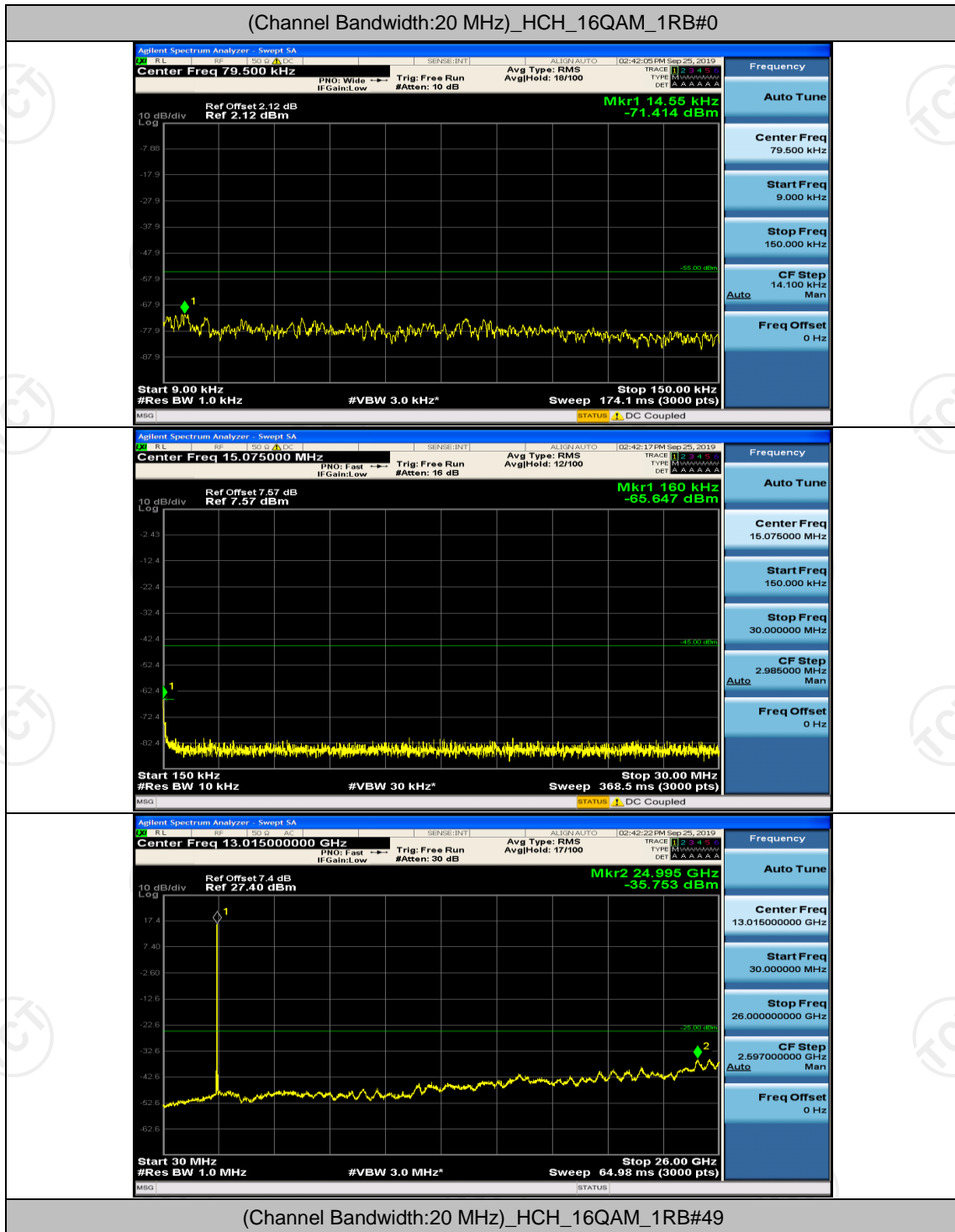


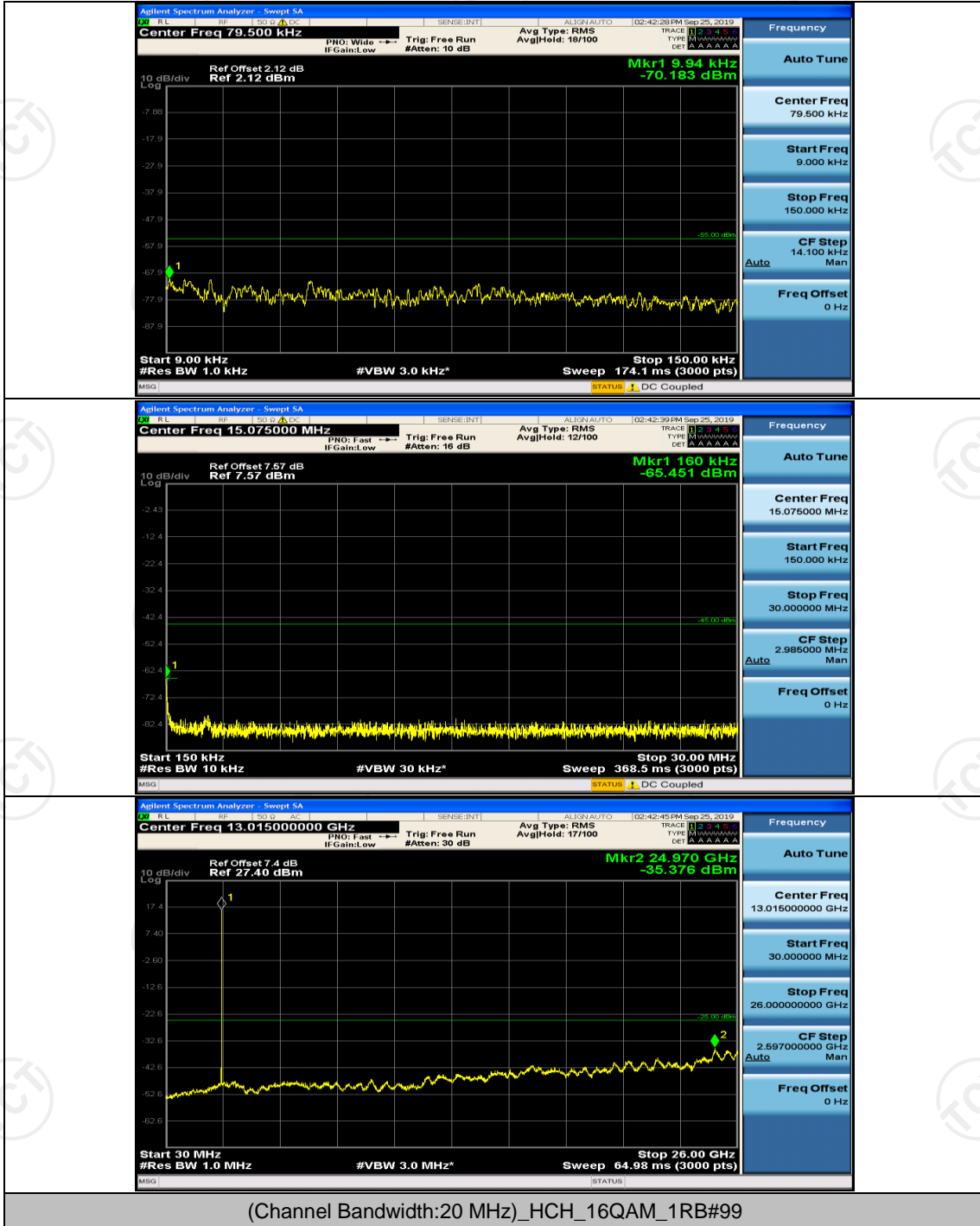


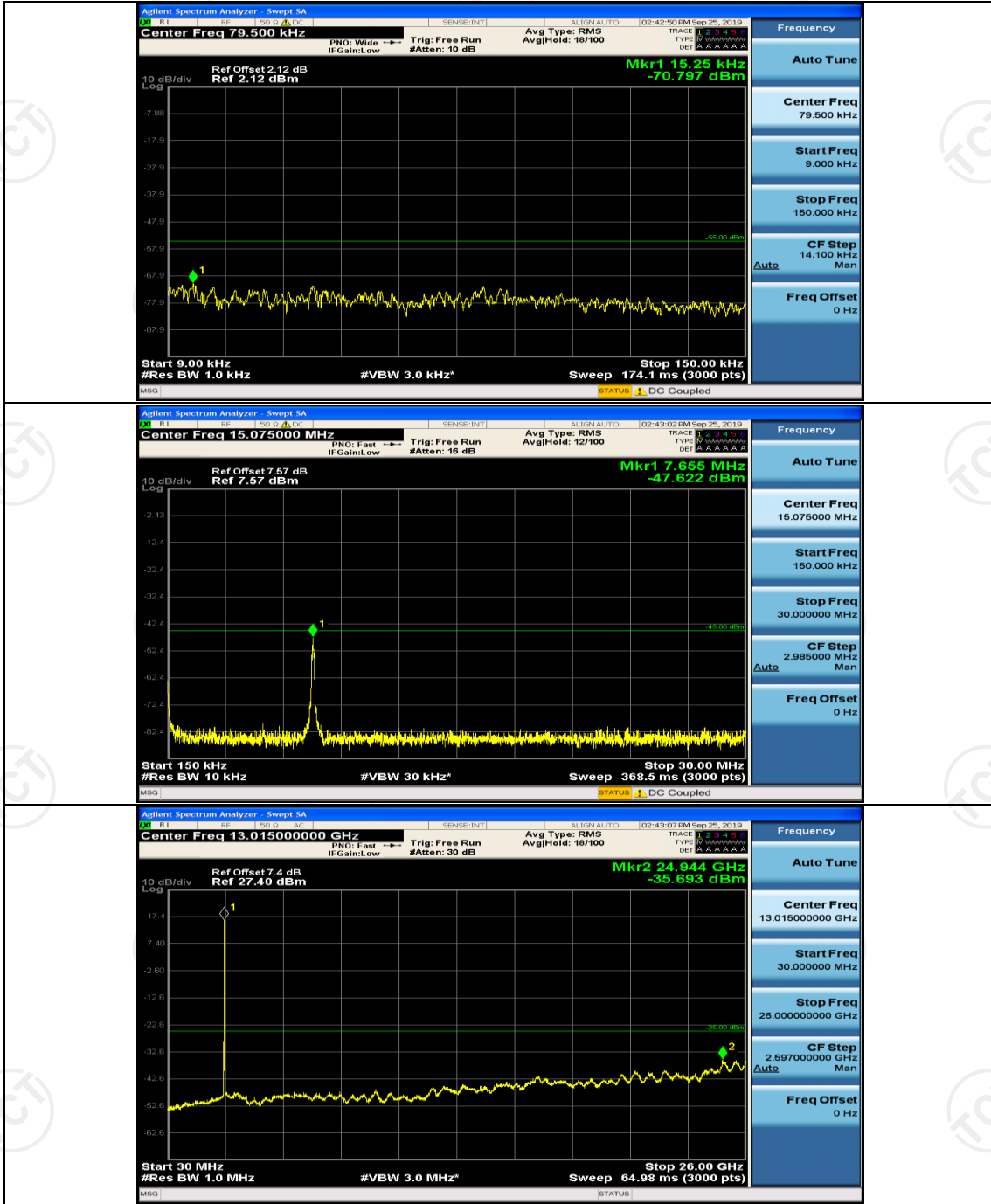












Appendix F: Frequency Stability

Test Result

Channel Bandwidth: 5 MHz

Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	-0.000994	± 2.5	PASS
		VN	TN	-0.000708	± 2.5	PASS
		VH	TN	-0.002027	± 2.5	PASS
	MCH	VL	TN	-0.001416	± 2.5	PASS
		VN	TN	-0.002150	± 2.5	PASS
		VH	TN	-0.000265	± 2.5	PASS
	HCH	VL	TN	-0.000846	± 2.5	PASS
		VN	TN	0.000095	± 2.5	PASS
		VH	TN	-0.001636	± 2.5	PASS
16QAM	LCH	VL	TN	-0.000666	± 2.5	PASS
		VN	TN	0.000034	± 2.5	PASS
		VH	TN	-0.002571	± 2.5	PASS
	MCH	VL	TN	-0.001283	± 2.5	PASS
		VN	TN	-0.000051	± 2.5	PASS
		VH	TN	-0.000837	± 2.5	PASS
	HCH	VL	TN	-0.001004	± 2.5	PASS
		VN	TN	0.000969	± 2.5	PASS
		VH	TN	0.000337	± 2.5	PASS
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	0.000029	± 2.5	PASS
		VN	-20	0.000477	± 2.5	PASS
		VN	-10	0.000257	± 2.5	PASS
		VN	0	-0.000474	± 2.5	PASS
		VN	10	0.000275	± 2.5	PASS
		VN	20	0.000817	± 2.5	PASS
		VN	30	0.001515	± 2.5	PASS
		VN	40	0.000960	± 2.5	PASS
		VN	50	0.001018	± 2.5	PASS
	MCH	VN	-30	-0.001275	± 2.5	PASS
		VN	-20	-0.001524	± 2.5	PASS
		VN	-10	-0.001546	± 2.5	PASS
		VN	0	-0.001761	± 2.5	PASS

		VN	10	-0.000452	± 2.5	PASS
		VN	20	-0.001225	± 2.5	PASS
		VN	30	-0.000056	± 2.5	PASS
		VN	40	-0.002105	± 2.5	PASS
		VN	50	-0.000339	± 2.5	PASS
	HCH	VN	-30	0.000296	± 2.5	PASS
		VN	-20	0.000737	± 2.5	PASS
		VN	-10	0.000514	± 2.5	PASS
		VN	0	0.000927	± 2.5	PASS
		VN	10	0.000423	± 2.5	PASS
		VN	20	-0.000295	± 2.5	PASS
		VN	30	-0.000240	± 2.5	PASS
		VN	40	-0.000095	± 2.5	PASS
		VN	50	0.000646	± 2.5	PASS
		16QAM	LCH	VN	-30	-0.001238
VN	-20			0.000462	± 2.5	PASS
VN	-10			0.000439	± 2.5	PASS
VN	0			0.000257	± 2.5	PASS
VN	10			0.000247	± 2.5	PASS
VN	20			0.000474	± 2.5	PASS
VN	30			0.000657	± 2.5	PASS
VN	40			0.001035	± 2.5	PASS
VN	50			-0.000212	± 2.5	PASS
MCH	VN		-30	-0.001078	± 2.5	PASS
	VN		-20	-0.001151	± 2.5	PASS
	VN		-10	-0.001969	± 2.5	PASS
	VN		0	-0.001202	± 2.5	PASS
	VN		10	-0.001104	± 2.5	PASS
	VN		20	-0.001383	± 2.5	PASS
	VN		30	-0.002720	± 2.5	PASS
	VN		40	-0.000102	± 2.5	PASS
	VN		50	-0.000361	± 2.5	PASS
HCH	VN		-30	0.000352	± 2.5	PASS
	VN		-20	0.000167	± 2.5	PASS
	VN		-10	0.000313	± 2.5	PASS
	VN		0	0.000045	± 2.5	PASS
	VN		10	0.000457	± 2.5	PASS
	VN		20	0.001036	± 2.5	PASS
	VN		30	0.000925	± 2.5	PASS
	VN	40	0.001120	± 2.5	PASS	
VN	50	0.001109	± 2.5	PASS		