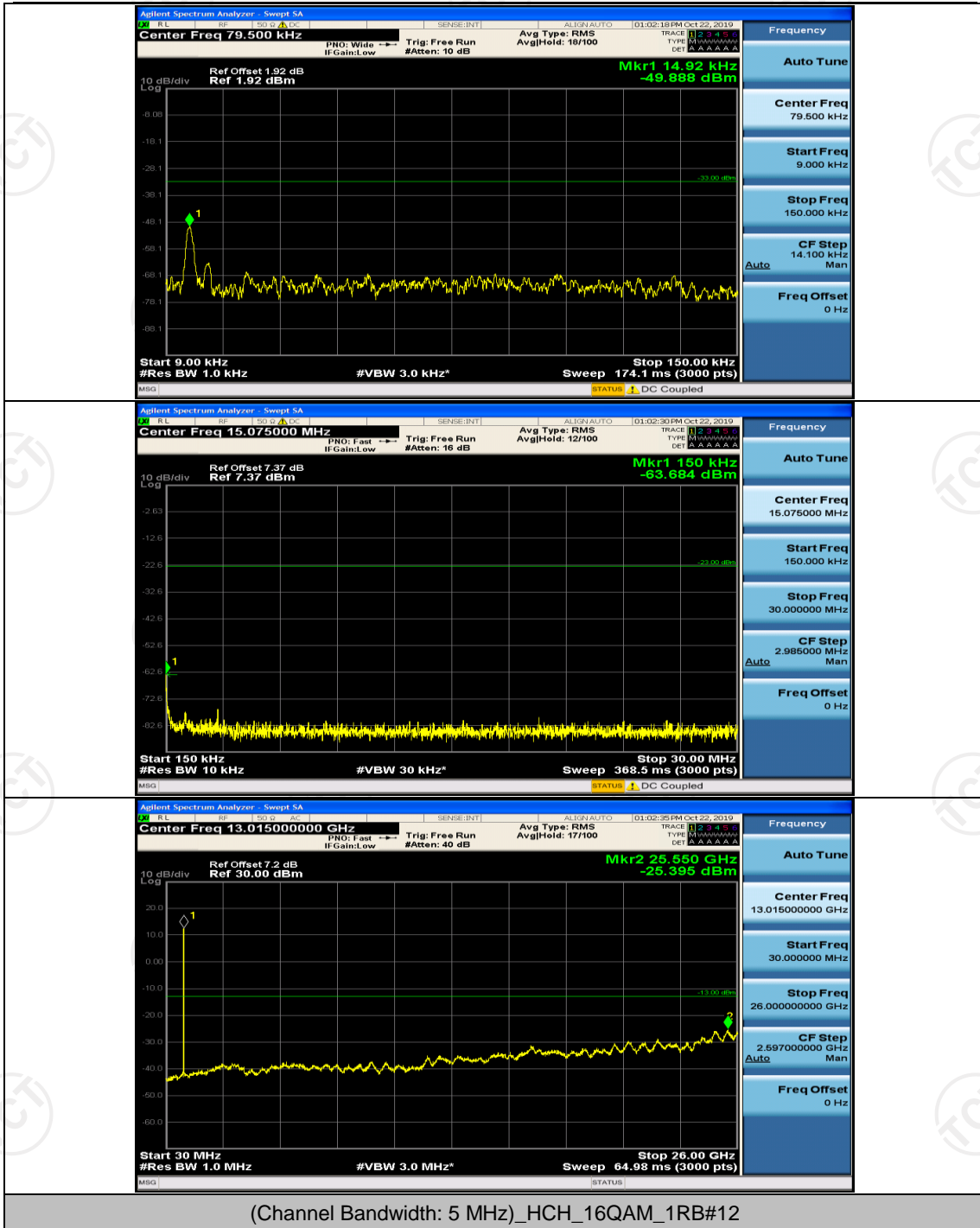
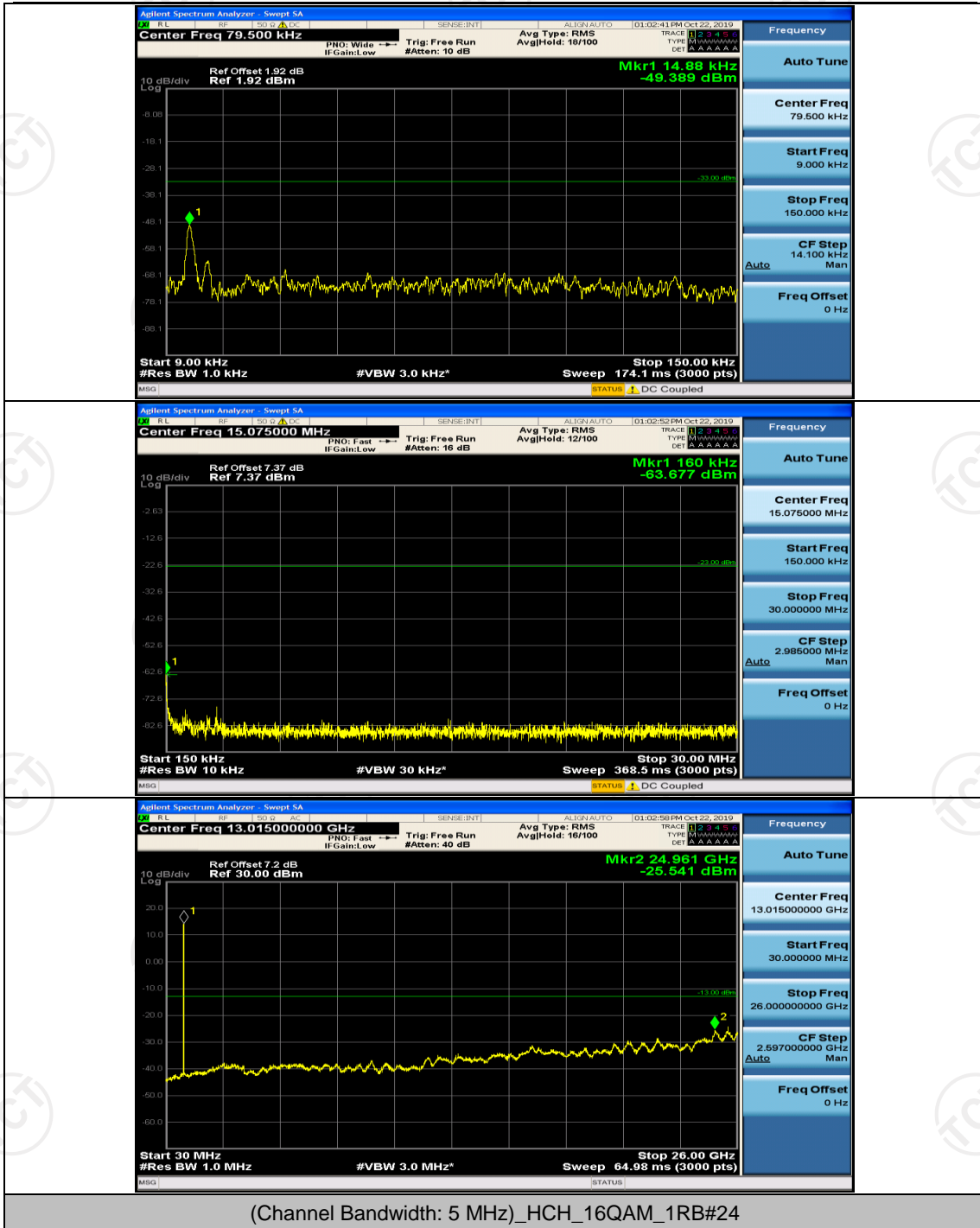
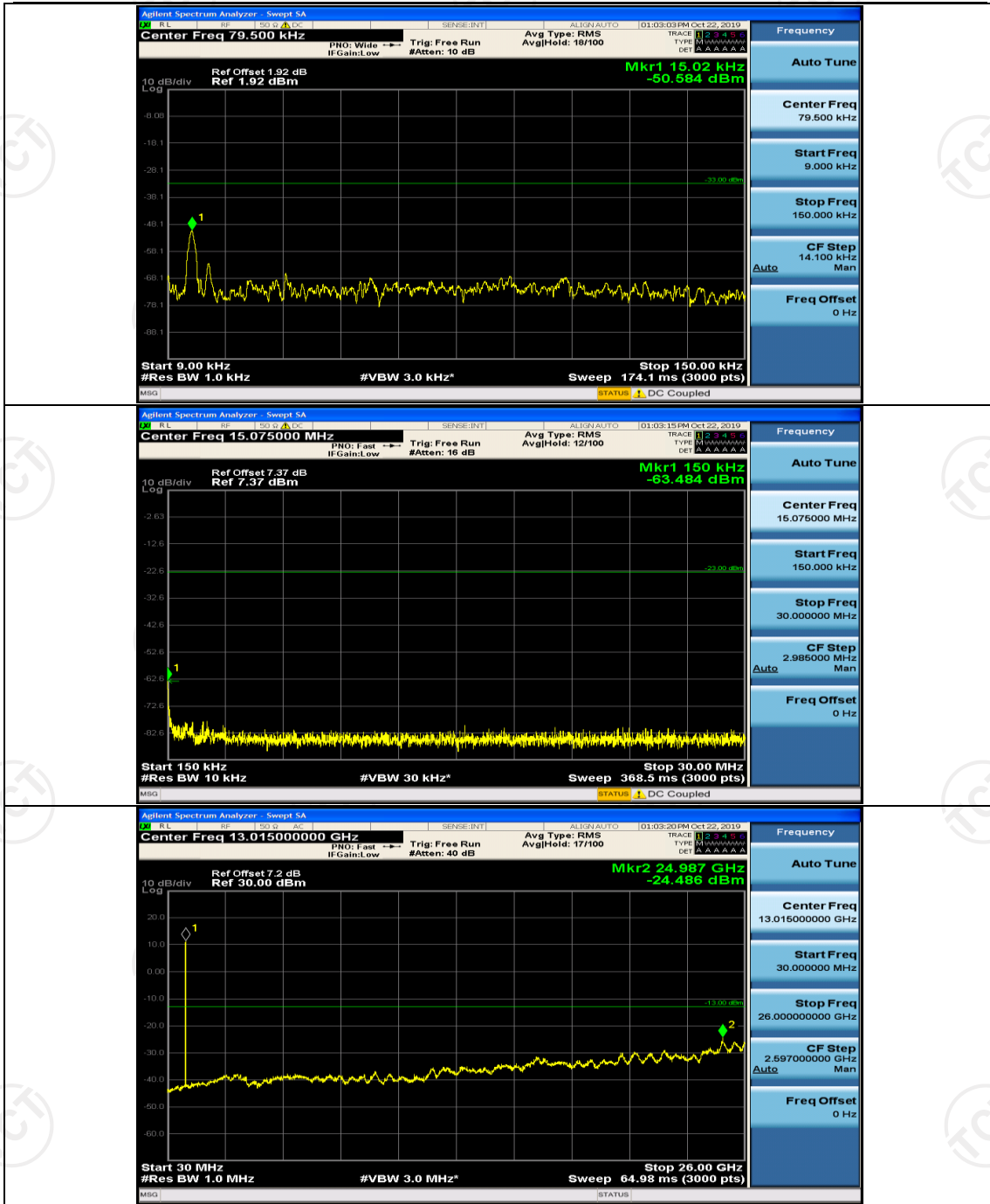


(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#0

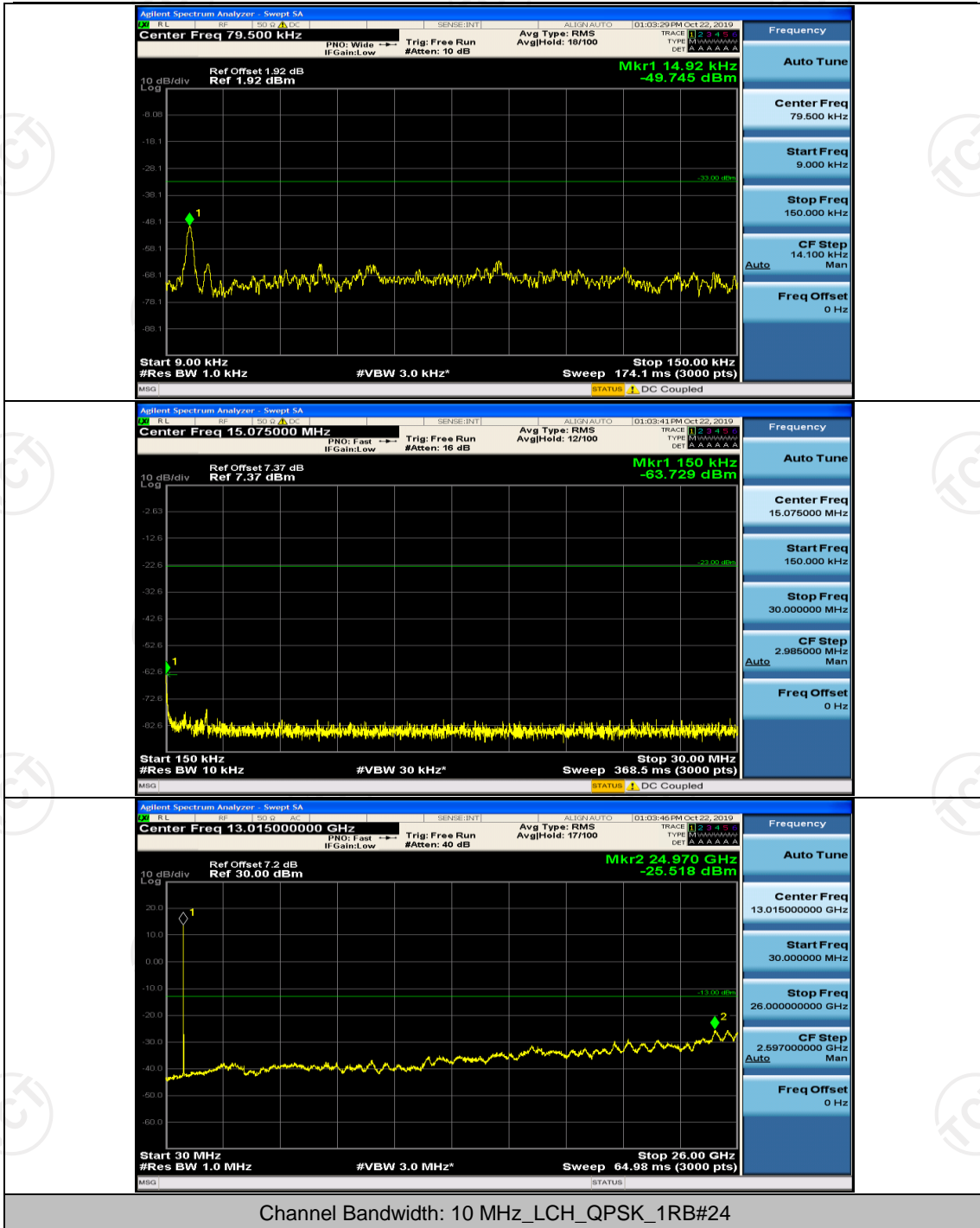


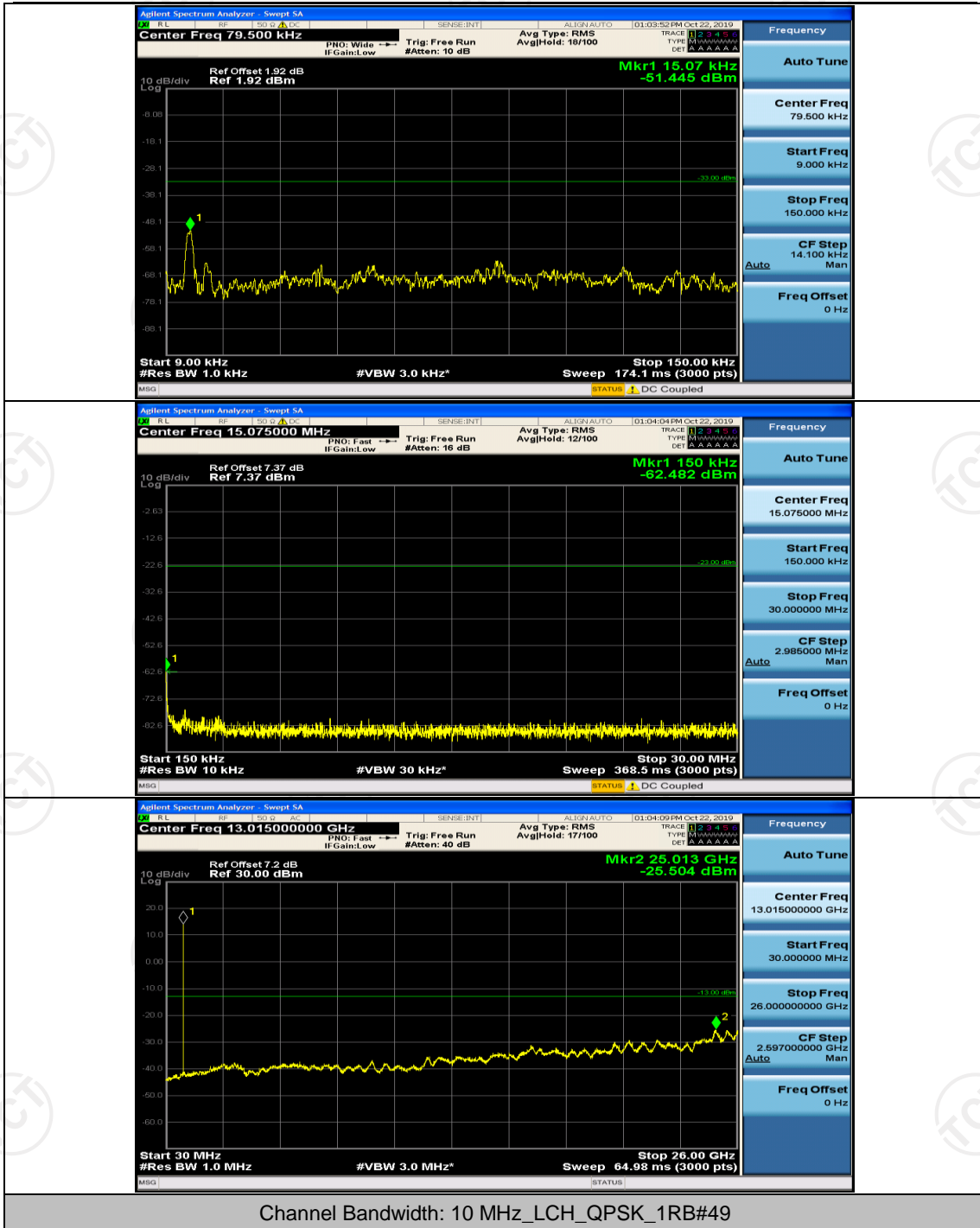


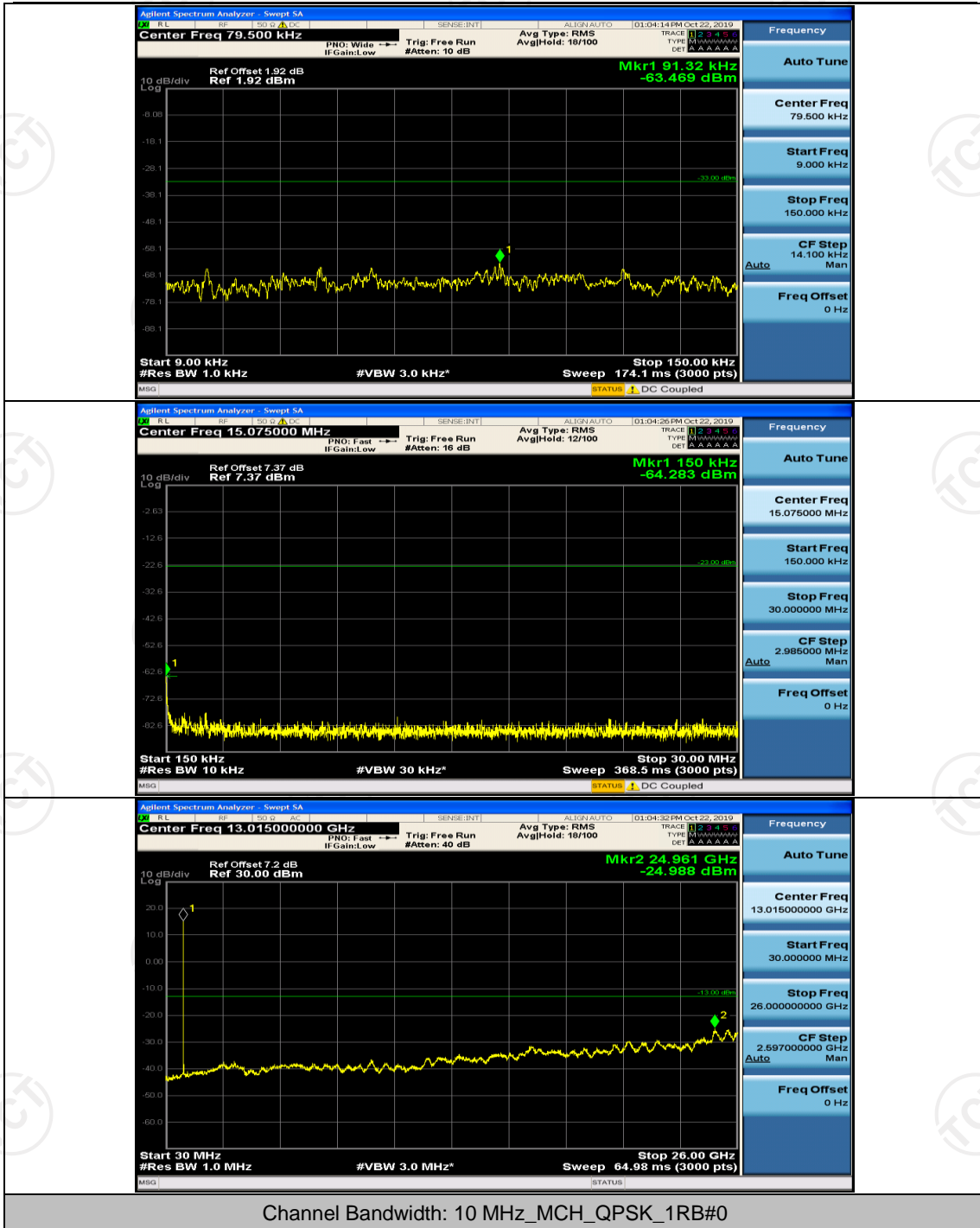


**Channel Bandwidth: 10 MHz**

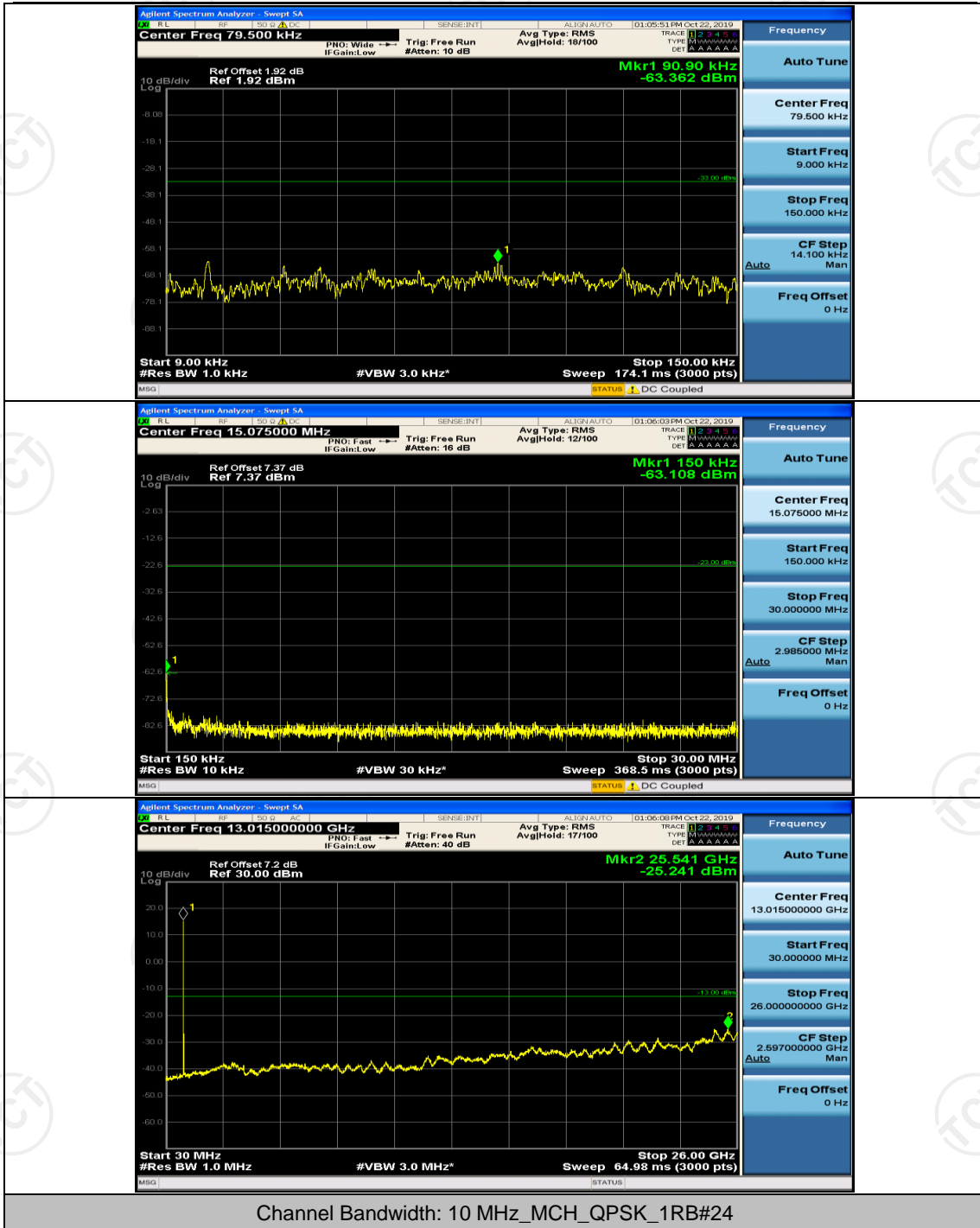
Channel Bandwidth: 10 MHz\_LCH\_QPSK\_1RB#0

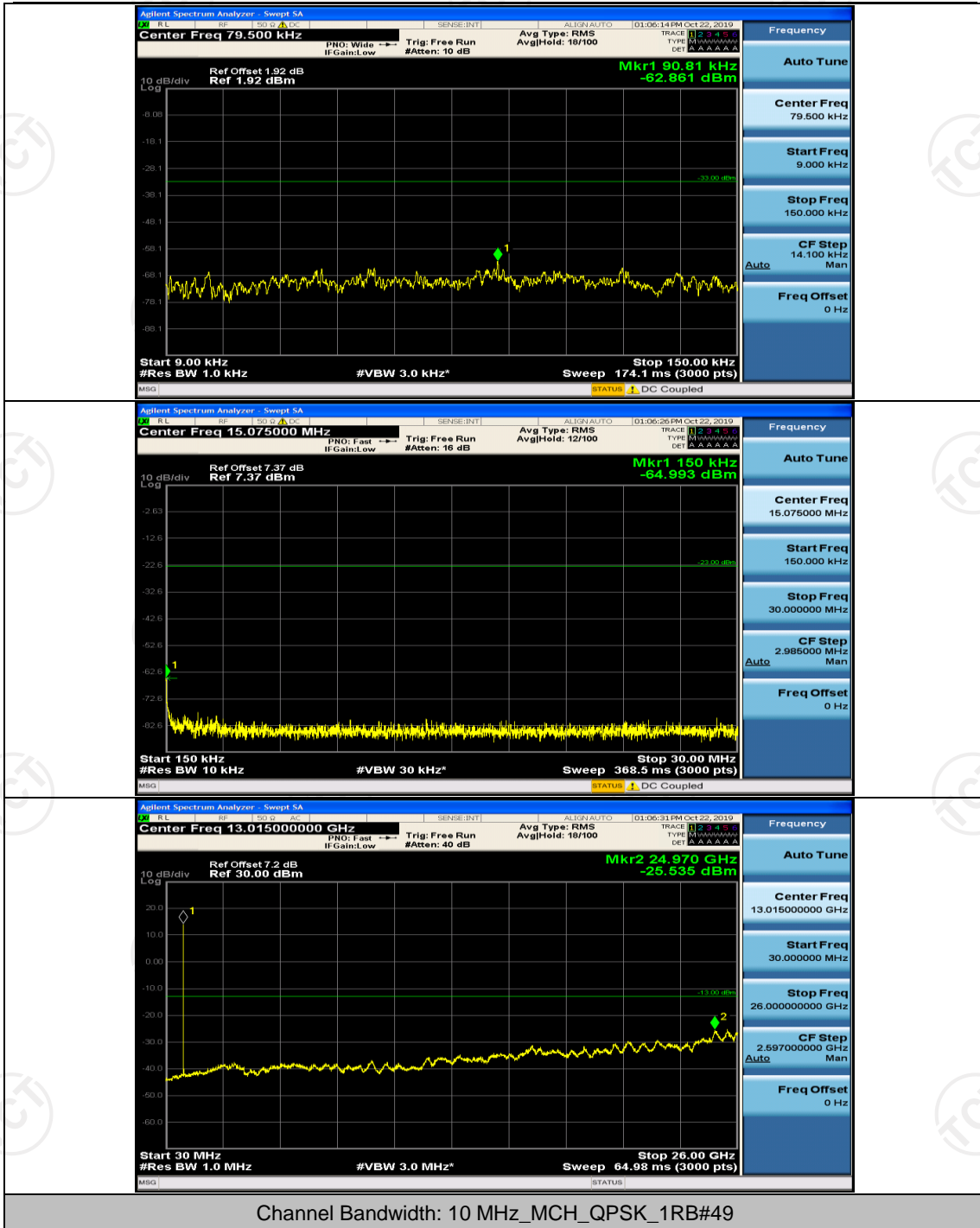


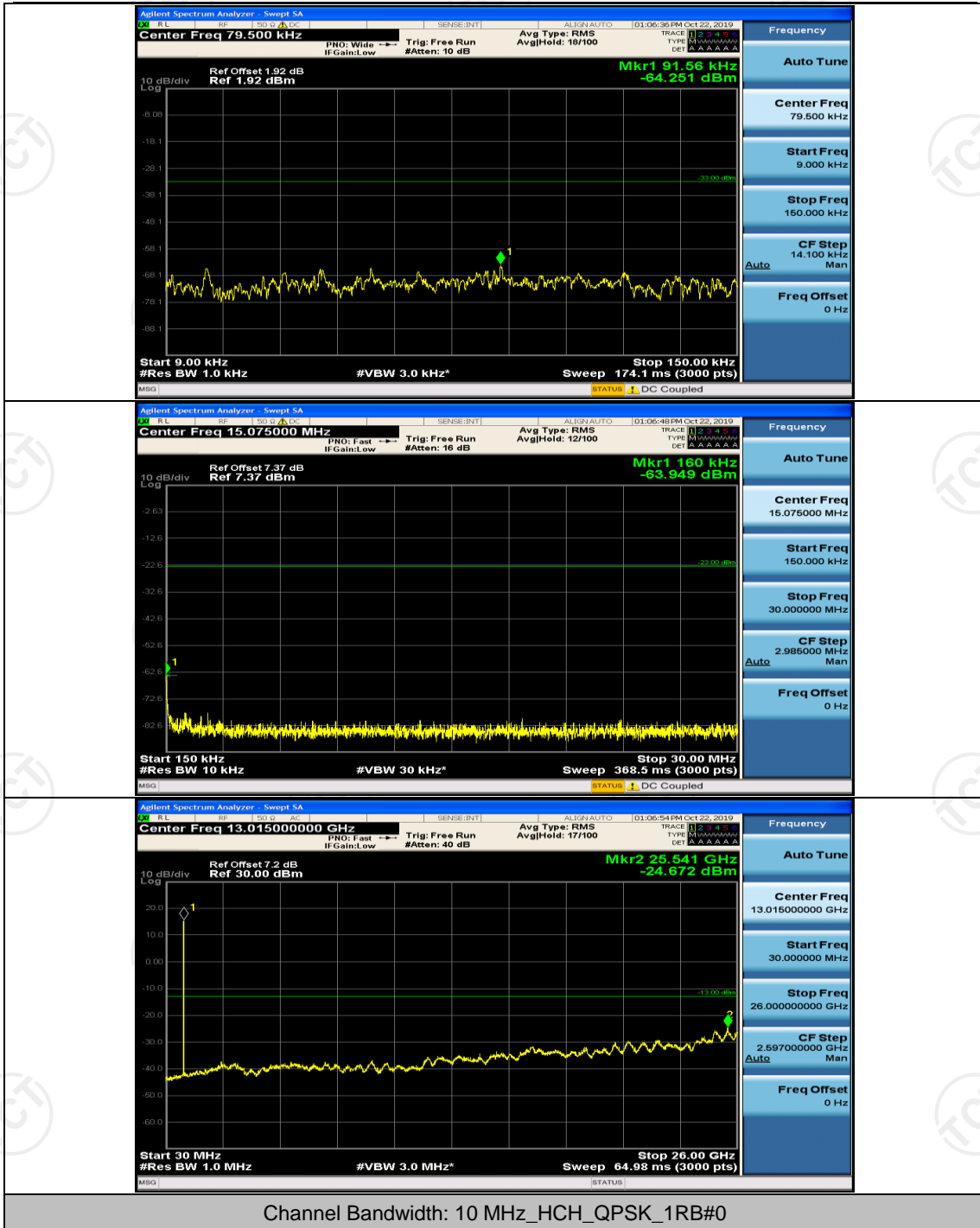


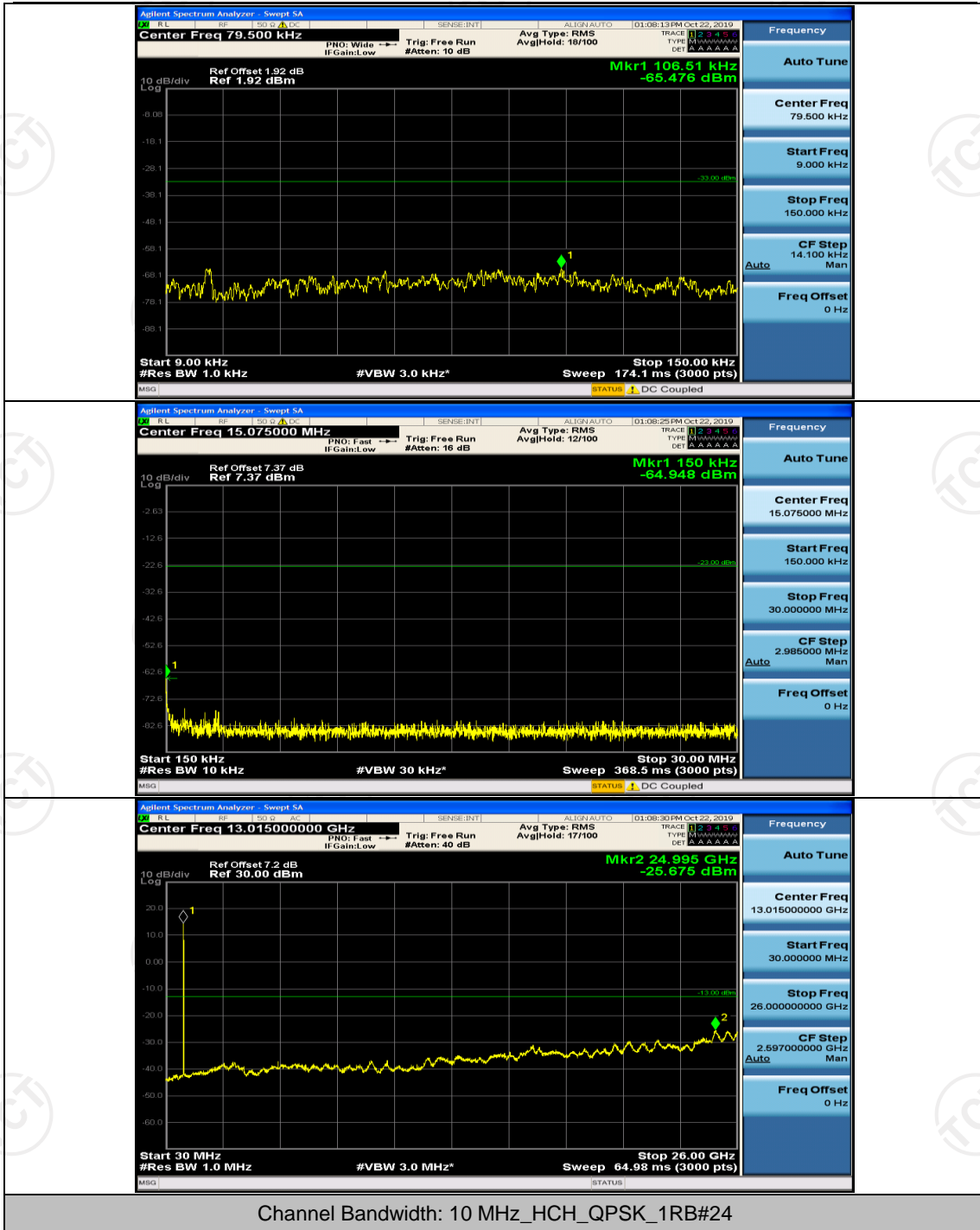


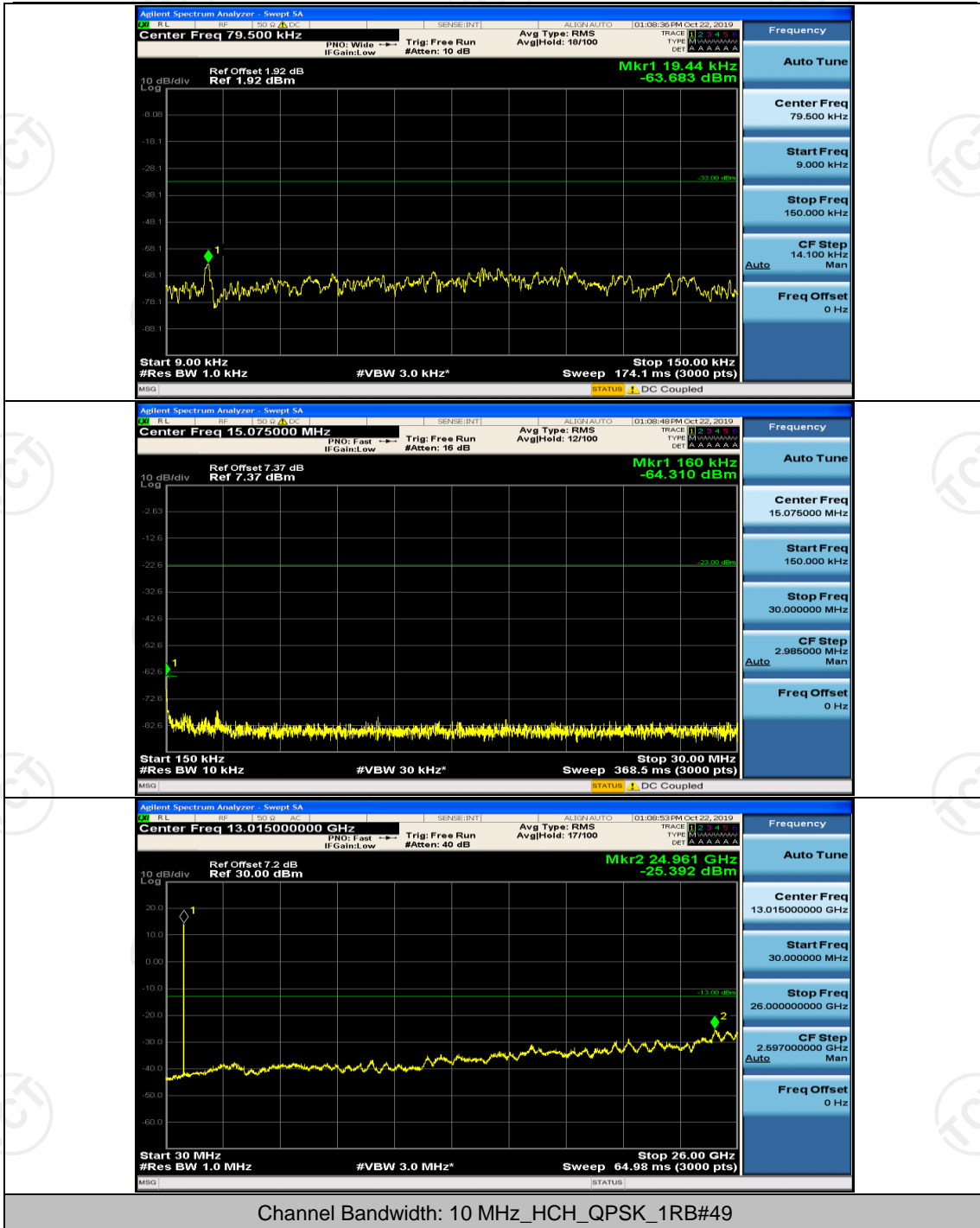


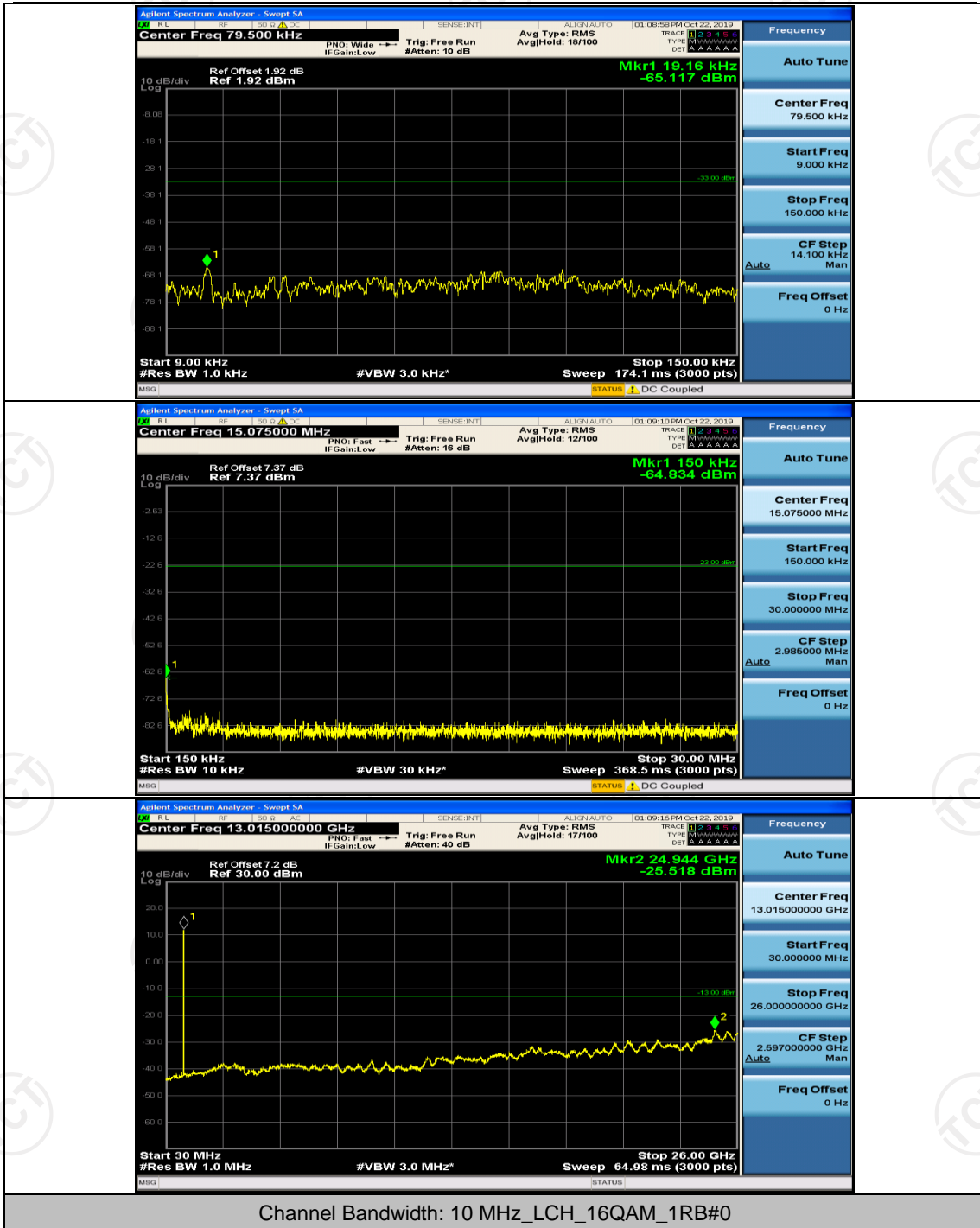


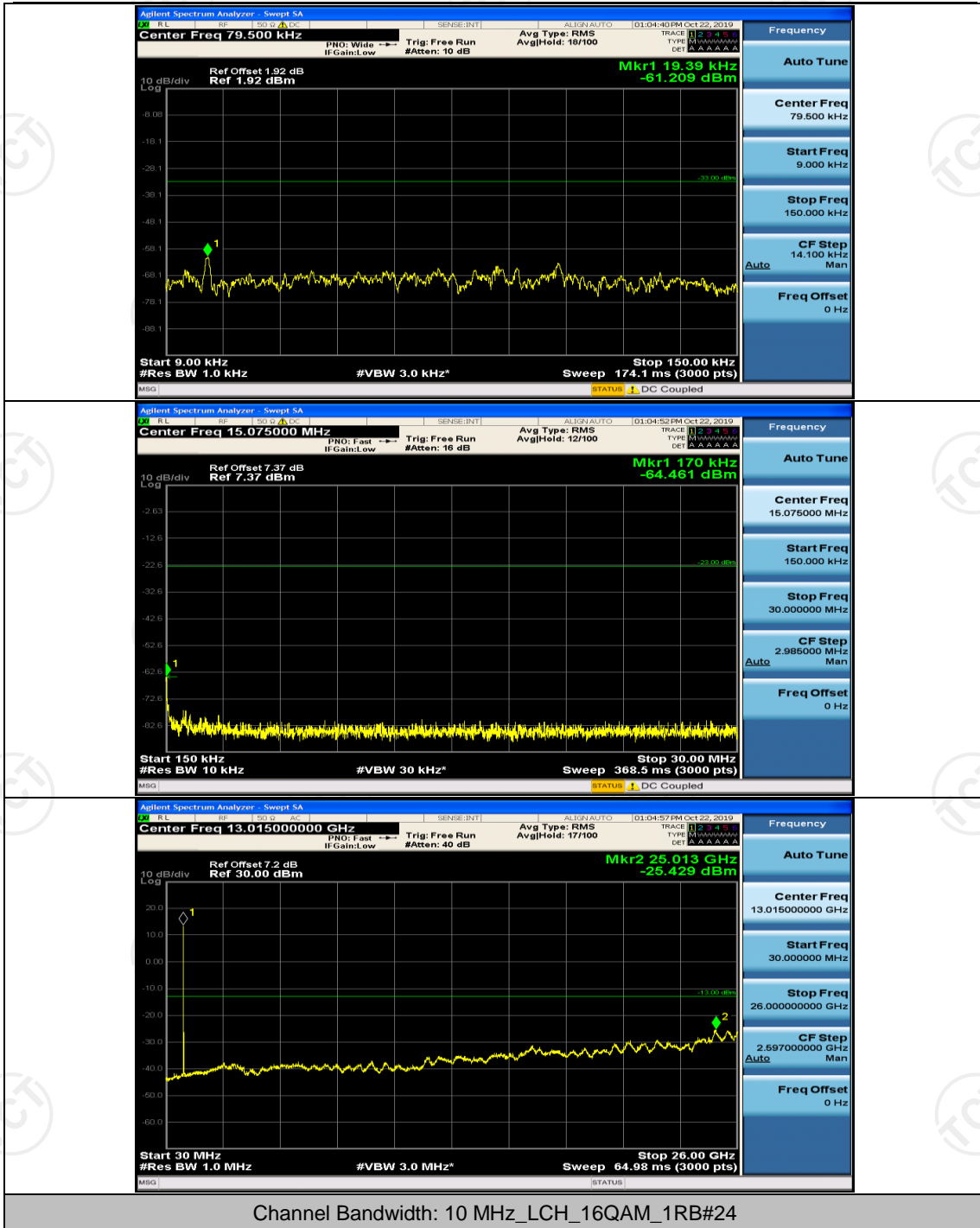


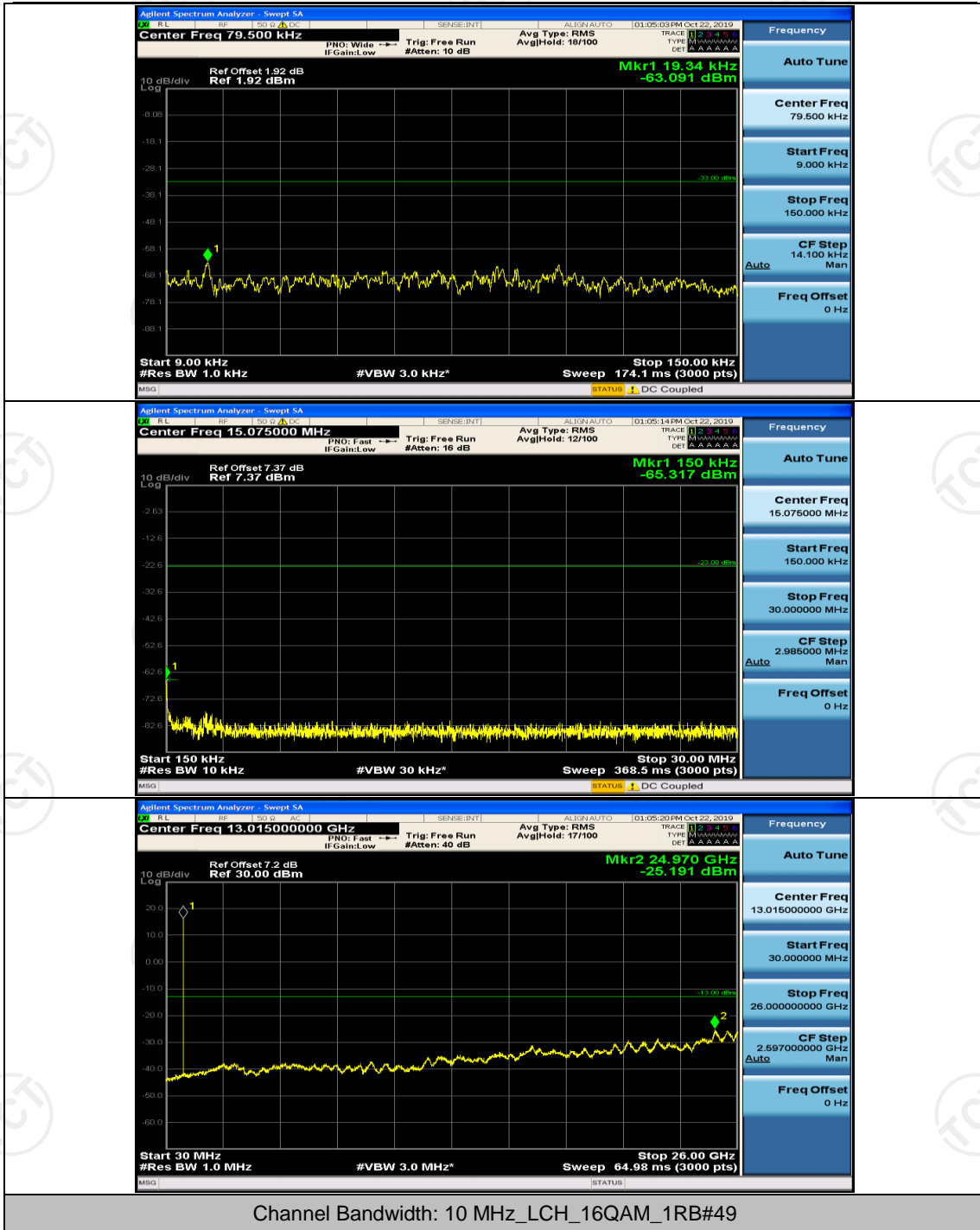




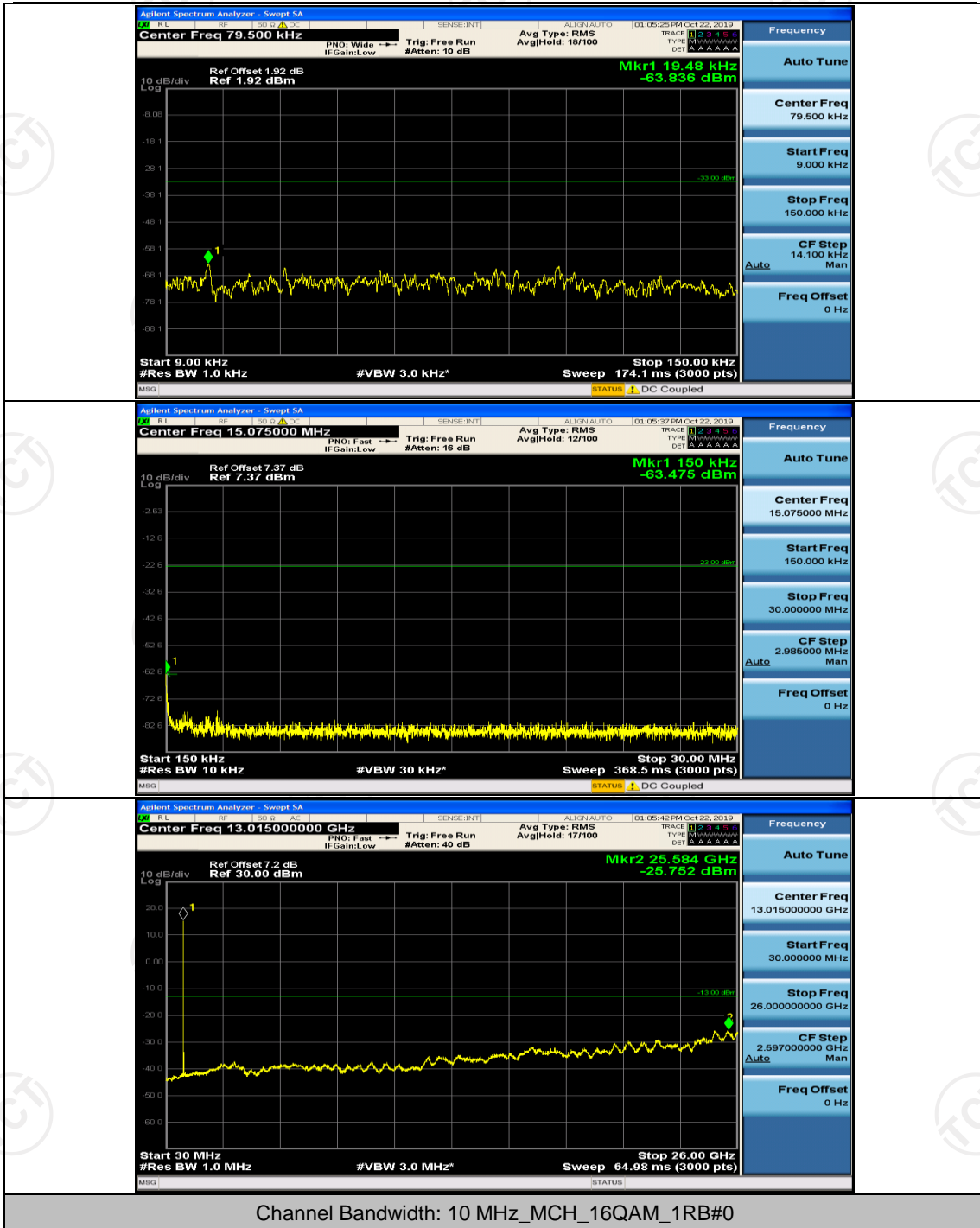


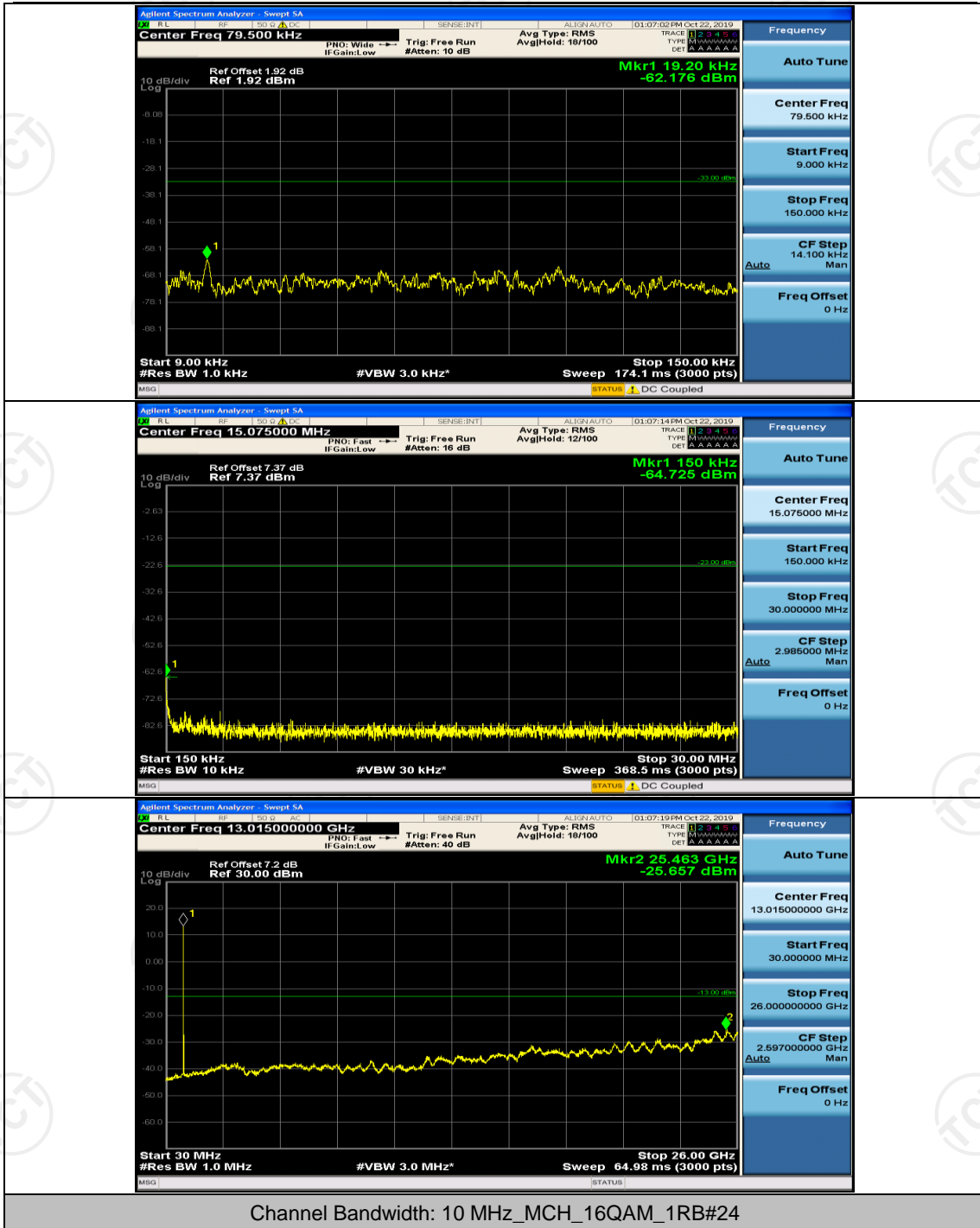


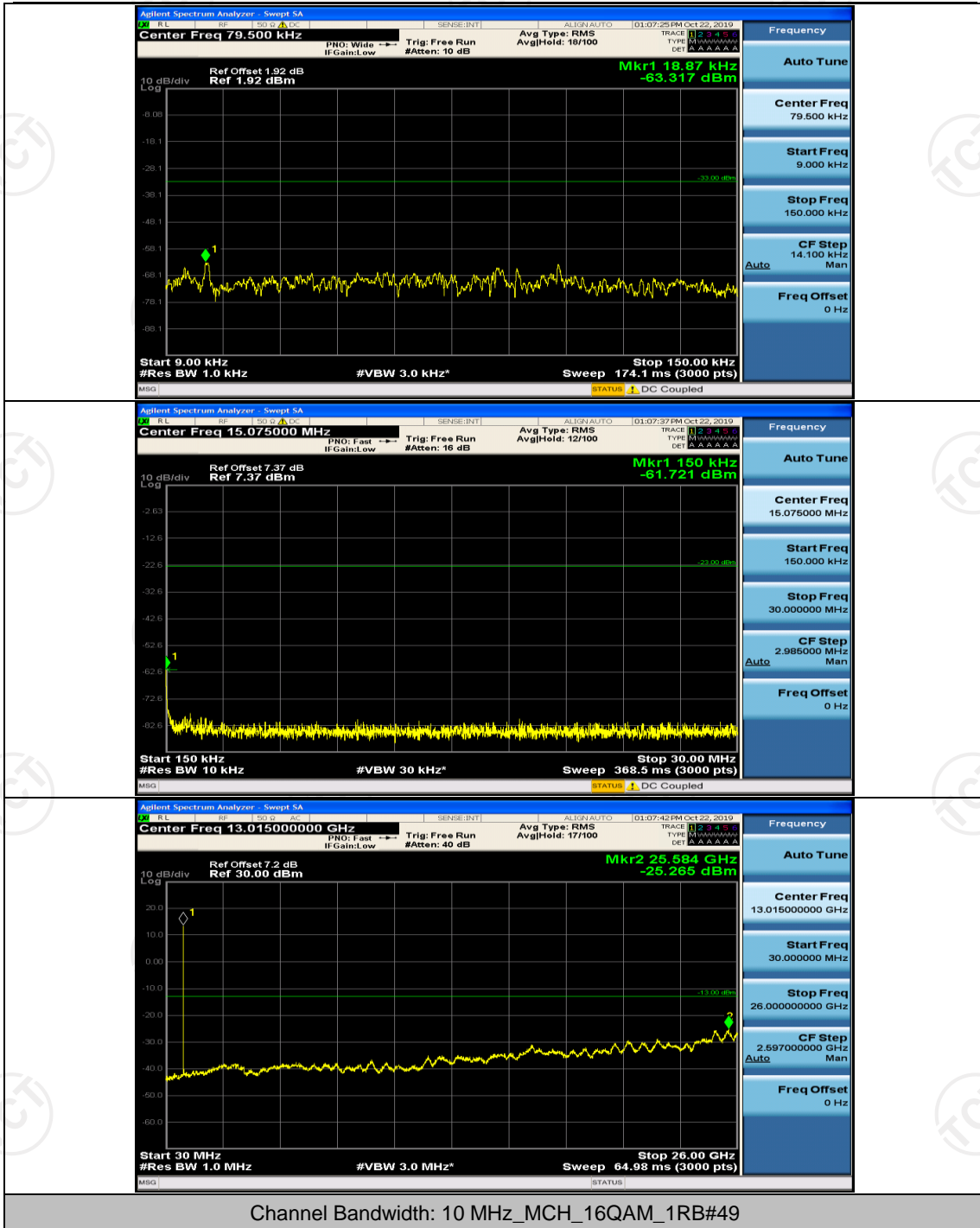


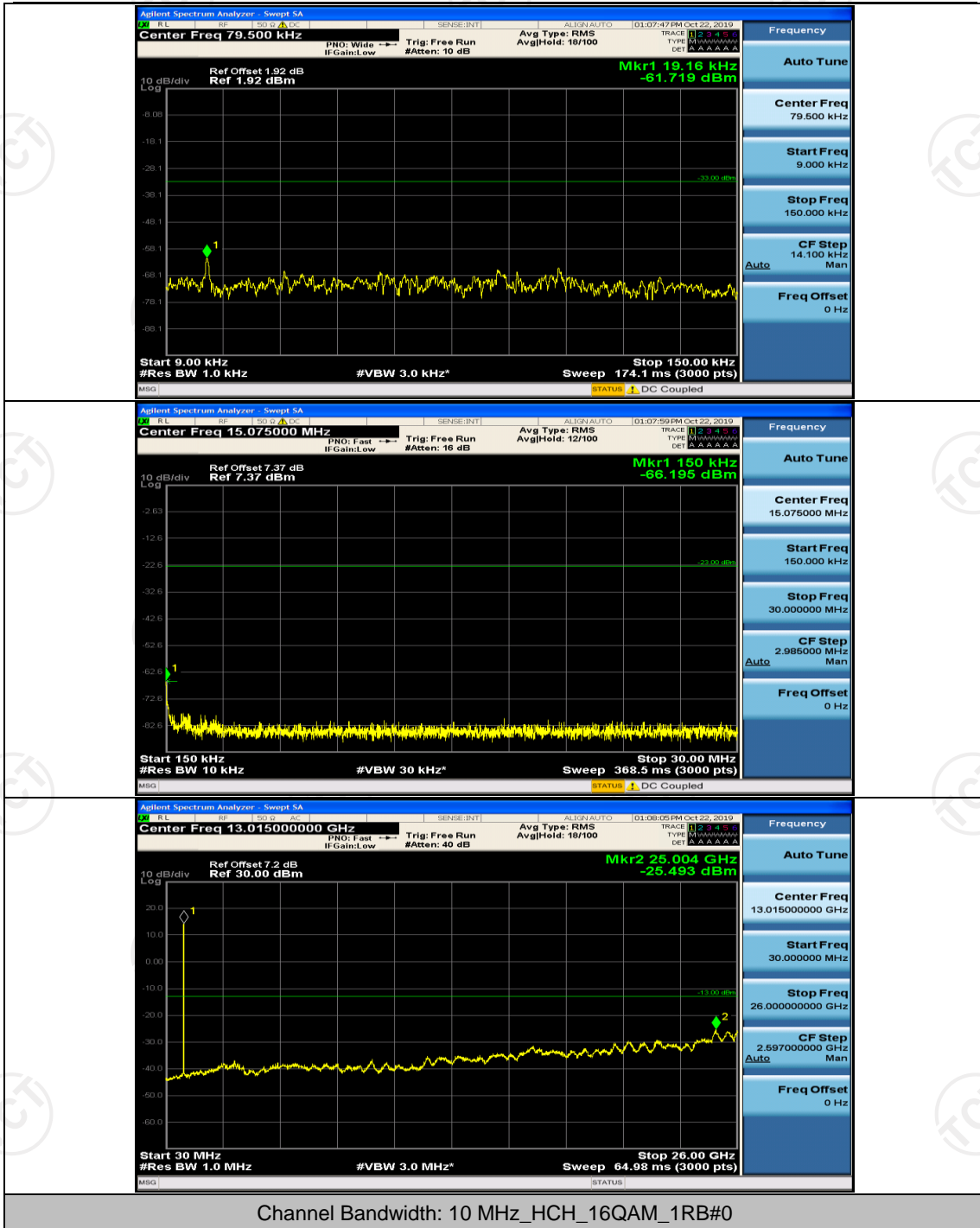


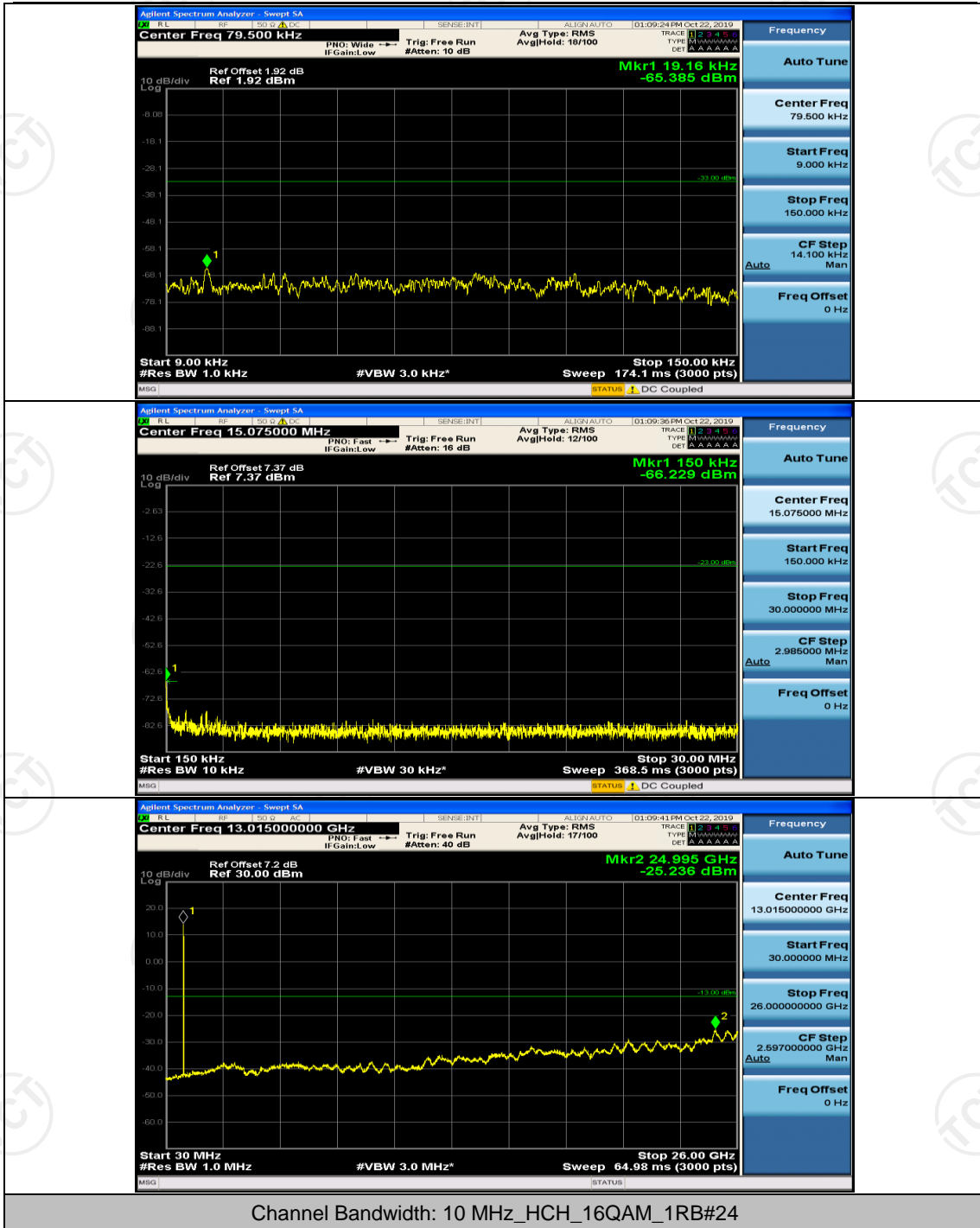


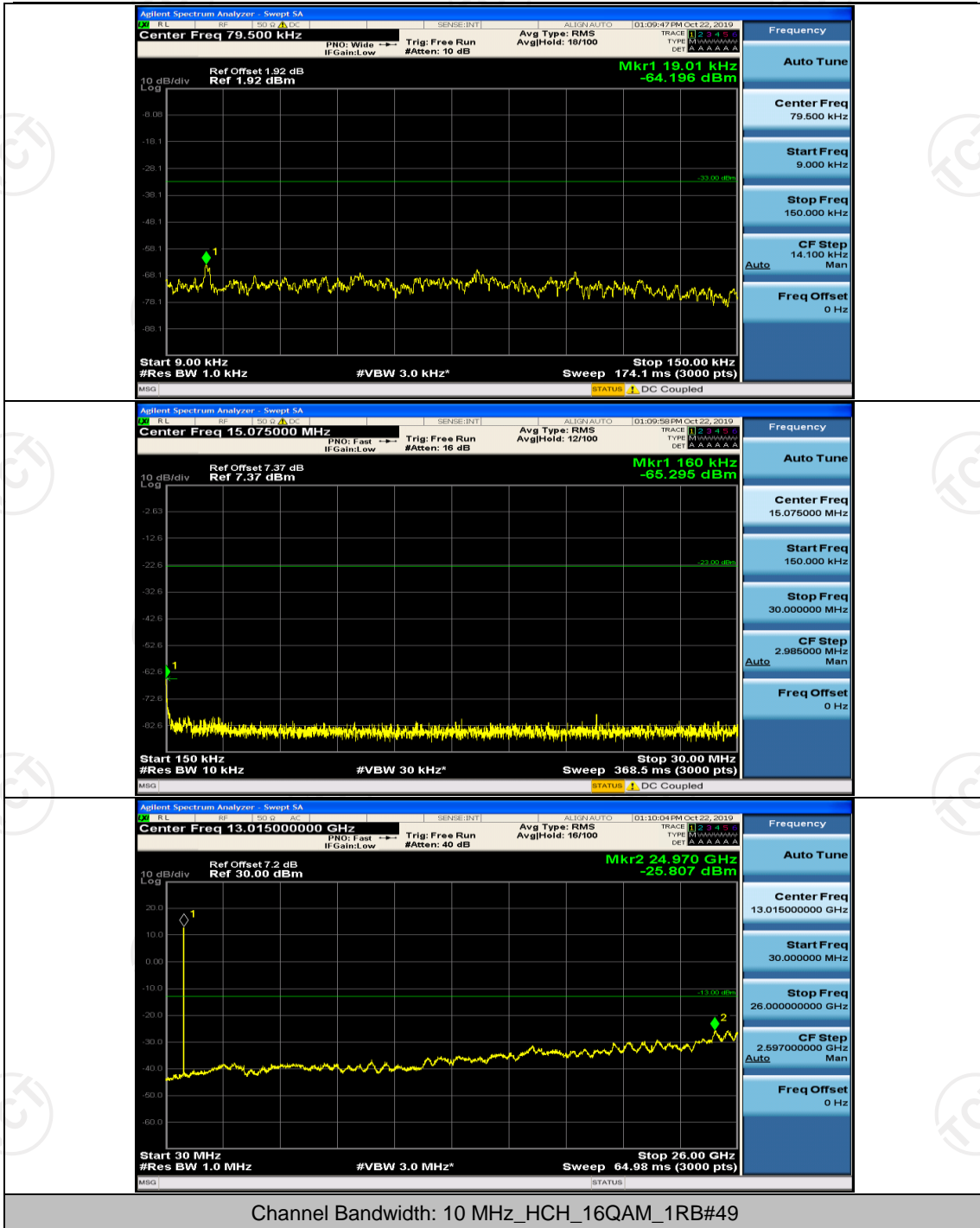


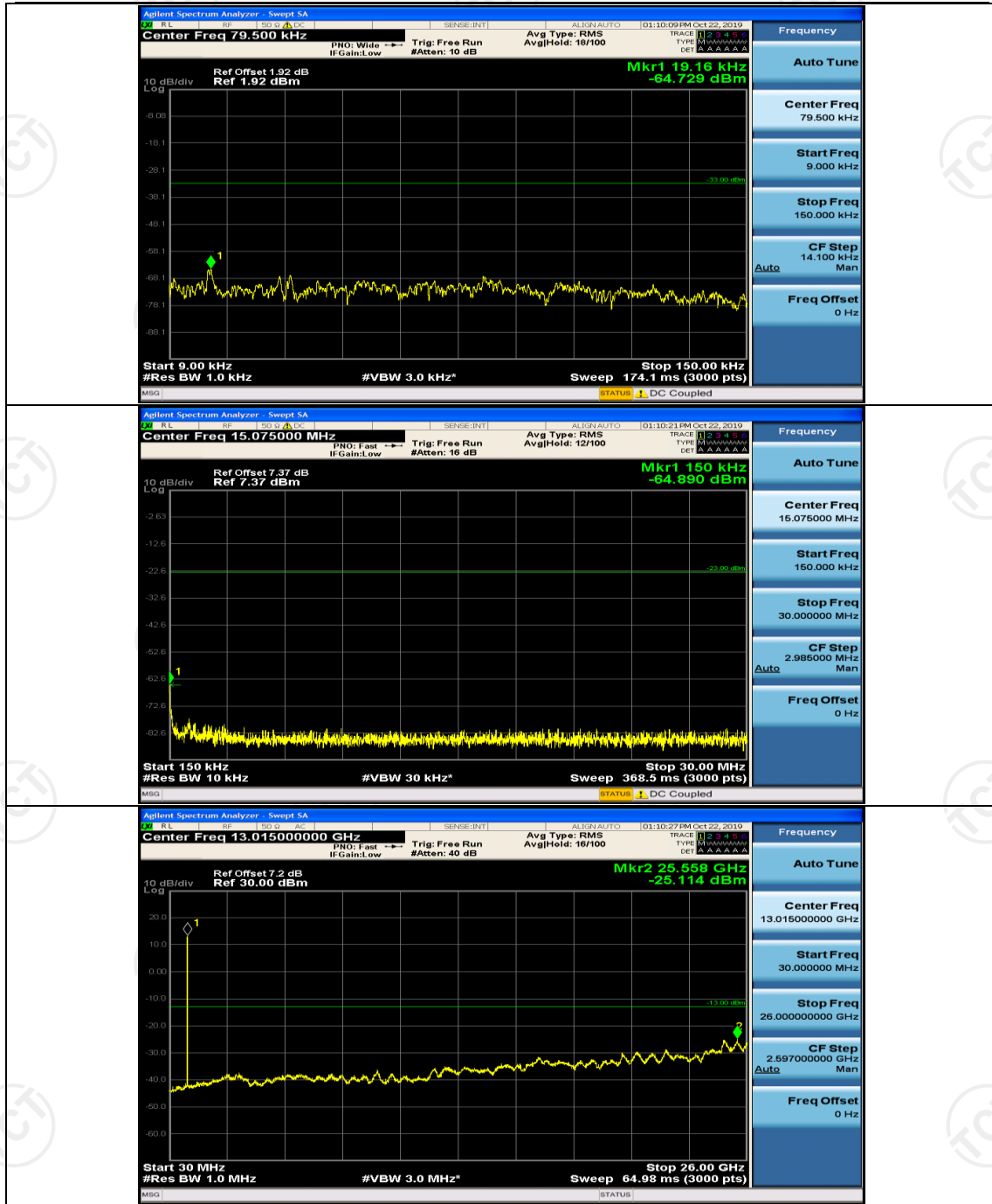












## Appendix F: Frequency Stability

### 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	3.4	25	-7.25	-0.008591	± 2.5	PASS
		3.7	25	-7.00	-0.008482	± 2.5	PASS
		4.2	25	-7.38	-0.008674	± 2.5	PASS
	MCH	3.4	25	-7.61	-0.008805	± 2.5	PASS
		3.7	25	-7.75	-0.009269	± 2.5	PASS
		4.2	25	-7.43	-0.008507	± 2.5	PASS
	HCH	3.4	25	-6.52	-0.007734	± 2.5	PASS
		3.7	25	-6.67	-0.007858	± 2.5	PASS
		4.2	25	-6.49	-0.007607	± 2.5	PASS
16QAM	LCH	3.4	25	-6.31	-0.007495	± 2.5	PASS
		3.7	25	-1.24	-0.001509	± 2.5	PASS
		4.2	25	-1.37	-0.001754	± 2.5	PASS
	MCH	3.4	25	-2.05	-0.002019	± 2.5	PASS
		3.7	25	-3.69	-0.004412	± 2.5	PASS
		4.2	25	-3.84	-0.004658	± 2.5	PASS
	HCH	3.4	25	-3.93	-0.004704	± 2.5	PASS
		3.7	25	-5.29	-0.006239	± 2.5	PASS
		4.2	25	-5.47	-0.006317	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	3.7	-30	-5.97	-0.006705	± 2.5	PASS
		3.7	-20	-5.74	-0.006531	± 2.5	PASS
		3.7	-10	-5.61	-0.006424	± 2.5	PASS
		3.7	0	-5.53	-0.006318	± 2.5	PASS
		3.7	10	-6.31	-0.007713	± 2.5	PASS
		3.7	20	-6.44	-0.007806	± 2.5	PASS
		3.7	30	-6.59	-0.007996	± 2.5	PASS
		3.7	40	-5.92	-0.007181	± 2.5	PASS
		3.7	50	-7.94	-0.009627	± 2.5	PASS
	MCH	3.7	-30	-7.85	-0.009534	± 2.5	PASS
		3.7	-20	-7.73	-0.009421	± 2.5	PASS
		3.7	-10	-7.59	-0.009264	± 2.5	PASS
		3.7	0	-7.34	-0.009032	± 2.5	PASS
		3.7	10	-6.93	-0.008159	± 2.5	PASS



		3.7	20	-5.61	-0.006704	± 2.5	PASS
		3.7	30	-4.84	-0.005780	± 2.5	PASS
		3.7	40	-1.37	-0.001642	± 2.5	PASS
		3.7	50	-1.69	-0.002018	± 2.5	PASS
	HCH	3.7	-30	-1.55	-0.001913	± 2.5	PASS
		3.7	-20	-1.40	-0.001808	± 2.5	PASS
		3.7	-10	-1.32	-0.001735	± 2.5	PASS
		3.7	0	-1.24	-0.001643	± 2.5	PASS
		3.7	10	-8.57	-0.009506	± 2.5	PASS
		3.7	20	-9.80	-0.011551	± 2.5	PASS
		3.7	30	-7.28	-0.008583	± 2.5	PASS
		3.7	40	-7.21	-0.008499	± 2.5	PASS
		3.7	50	-6.49	-0.007656	± 2.5	PASS
		16QAM	LCH	3.7	-30	-6.33	-0.007513
3.7	-20			-6.18	-0.007354	± 2.5	PASS
3.7	-10			-5.95	-0.007150	± 2.5	PASS
3.7	0			-5.81	-0.006957	± 2.5	PASS
3.7	10			-5.67	-0.006795	± 2.5	PASS
3.7	20			-3.55	-0.004302	± 2.5	PASS
3.7	30			-4.19	-0.005082	± 2.5	PASS
3.7	40			-4.84	-0.005863	± 2.5	PASS
MCH	3.7		50	-5.28	-0.006401	± 2.5	PASS
	3.7		-30	-5.12	-0.006312	± 2.5	PASS
	3.7		-20	-4.96	-0.006209	± 2.5	PASS
	3.7		-10	-4.82	-0.006114	± 2.5	PASS
	3.7		0	-4.74	-0.005908	± 2.5	PASS
	3.7		10	-5.13	-0.006375	± 2.5	PASS
	3.7		20	-6.78	-0.008106	± 2.5	PASS
	3.7		30	-1.65	-0.001967	± 2.5	PASS
HCH	3.7		40	-2.22	-0.002651	± 2.5	PASS
	3.7		50	-5.15	-0.006156	± 2.5	PASS
	3.7		-30	-4.89	-0.005806	± 2.5	PASS
	3.7		-20	-4.61	-0.005650	± 2.5	PASS
	3.7		-10	-4.43	-0.005431	± 2.5	PASS
	3.7		0	-4.37	-0.005386	± 2.5	PASS
	3.7		10	-6.51	-0.007634	± 2.5	PASS
	3.7		20	-8.54	-0.010067	± 2.5	PASS
	3.7		30	-3.72	-0.004384	± 2.5	PASS
	3.7		40	-5.12	-0.006037	± 2.5	PASS
	3.7		50	-4.71	-0.005548	± 2.5	PASS