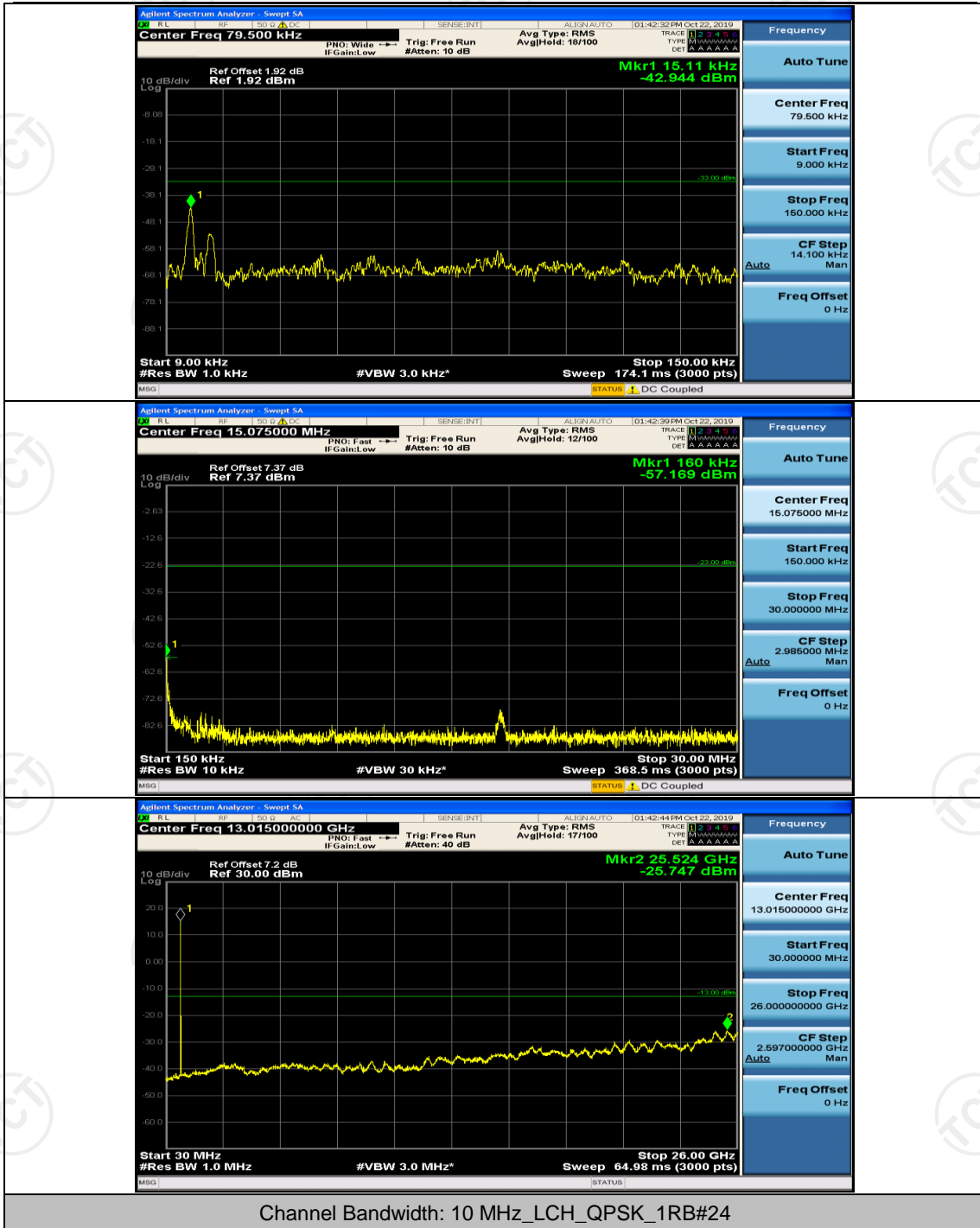
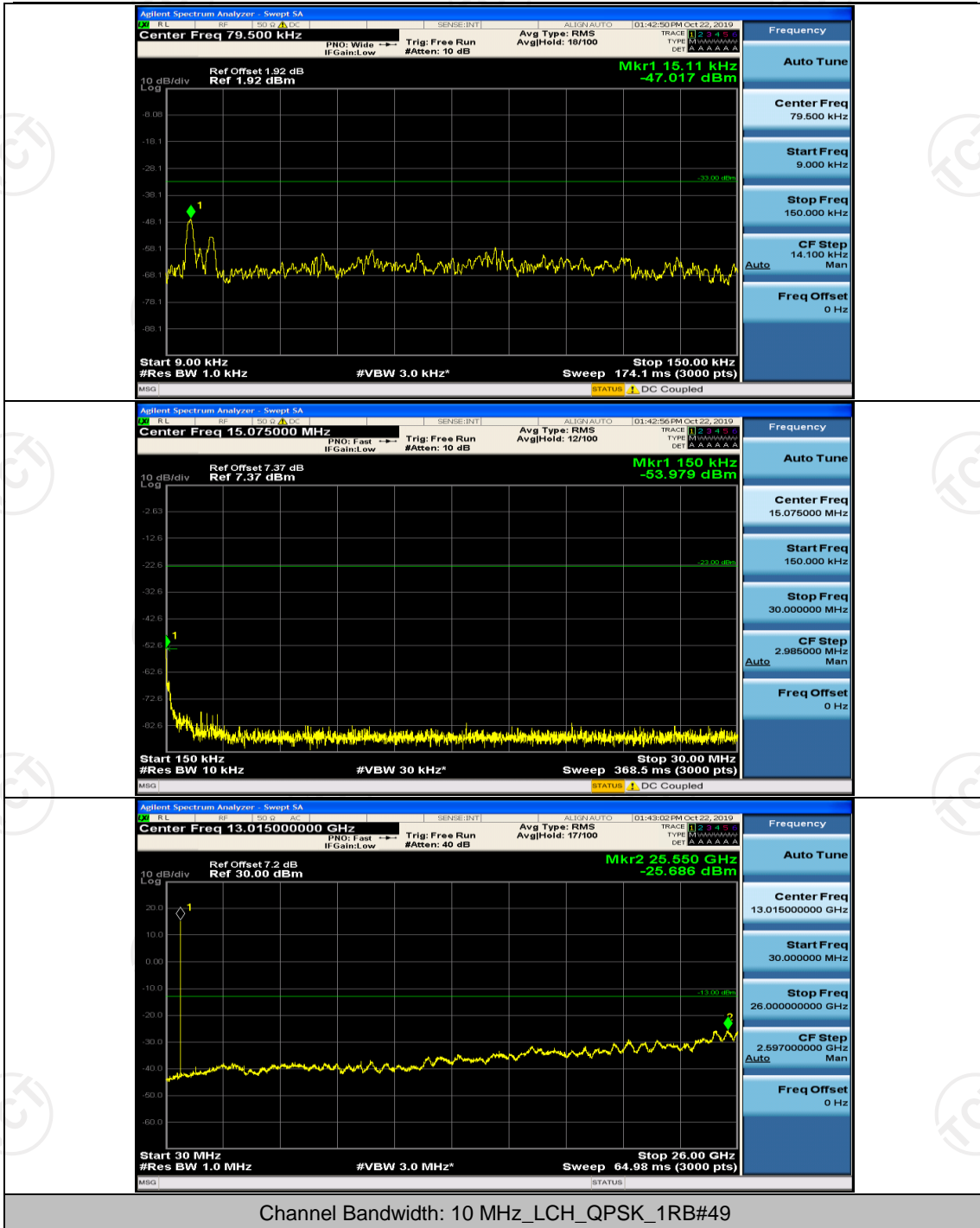
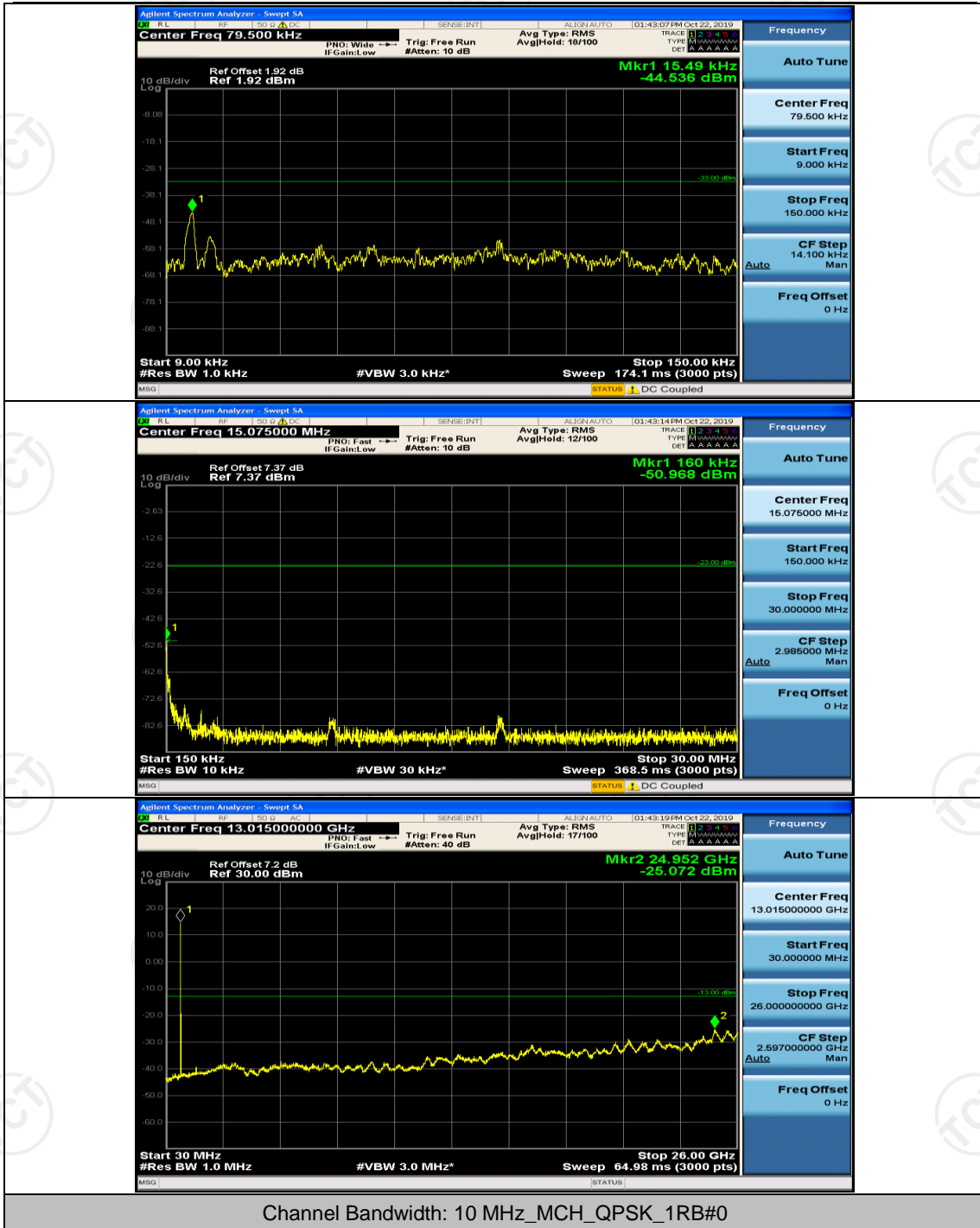


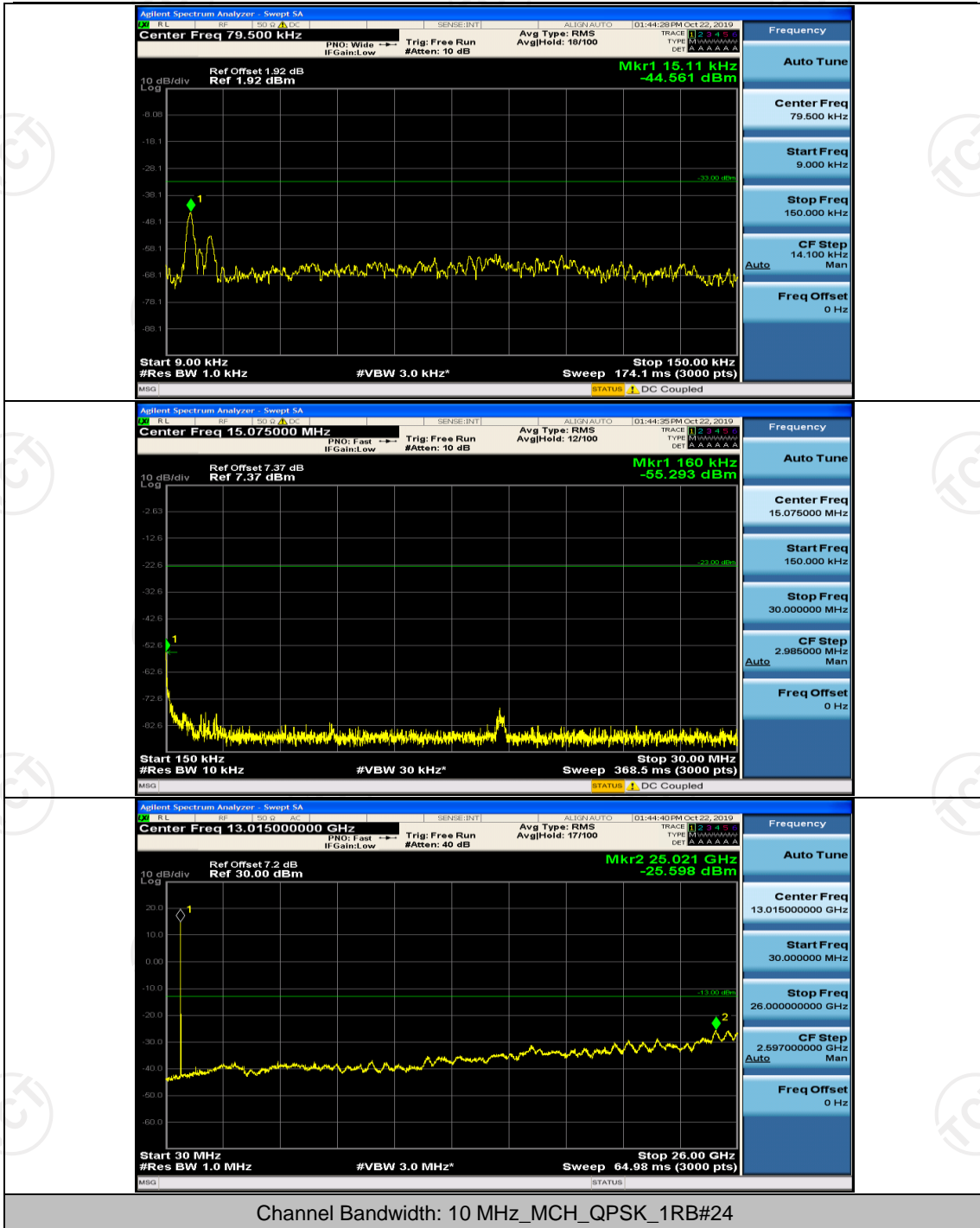
Channel Bandwidth: 10 MHz

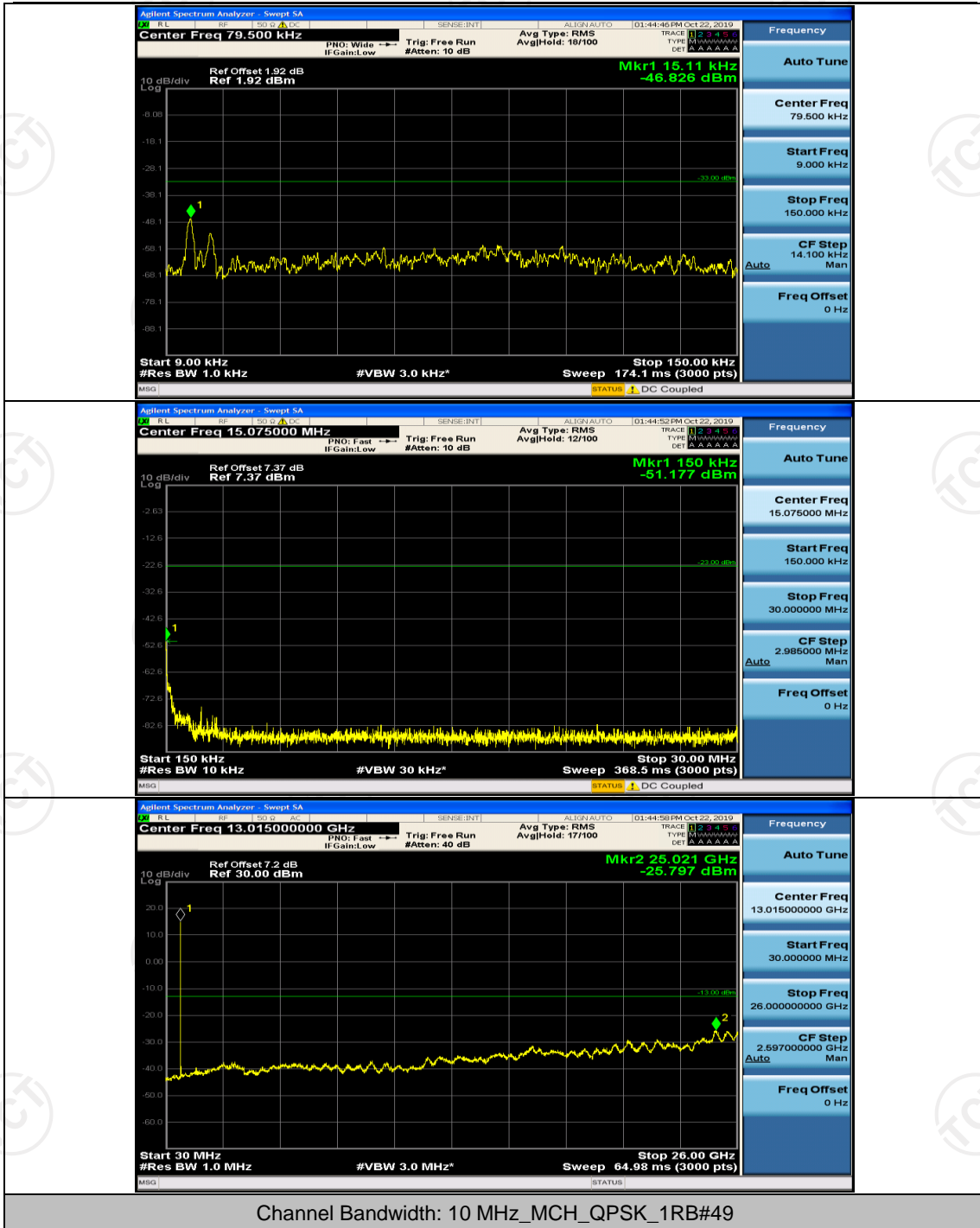
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0

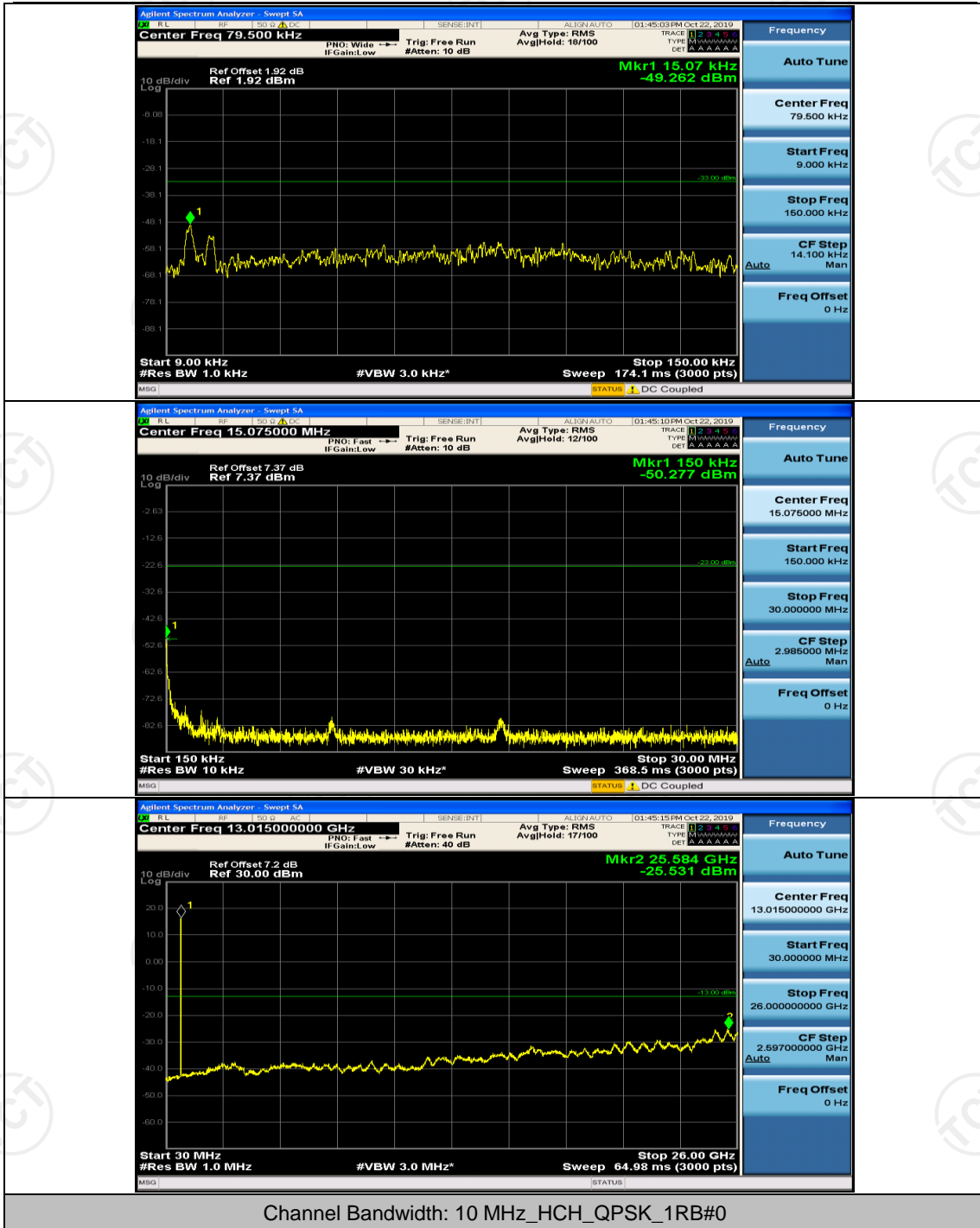


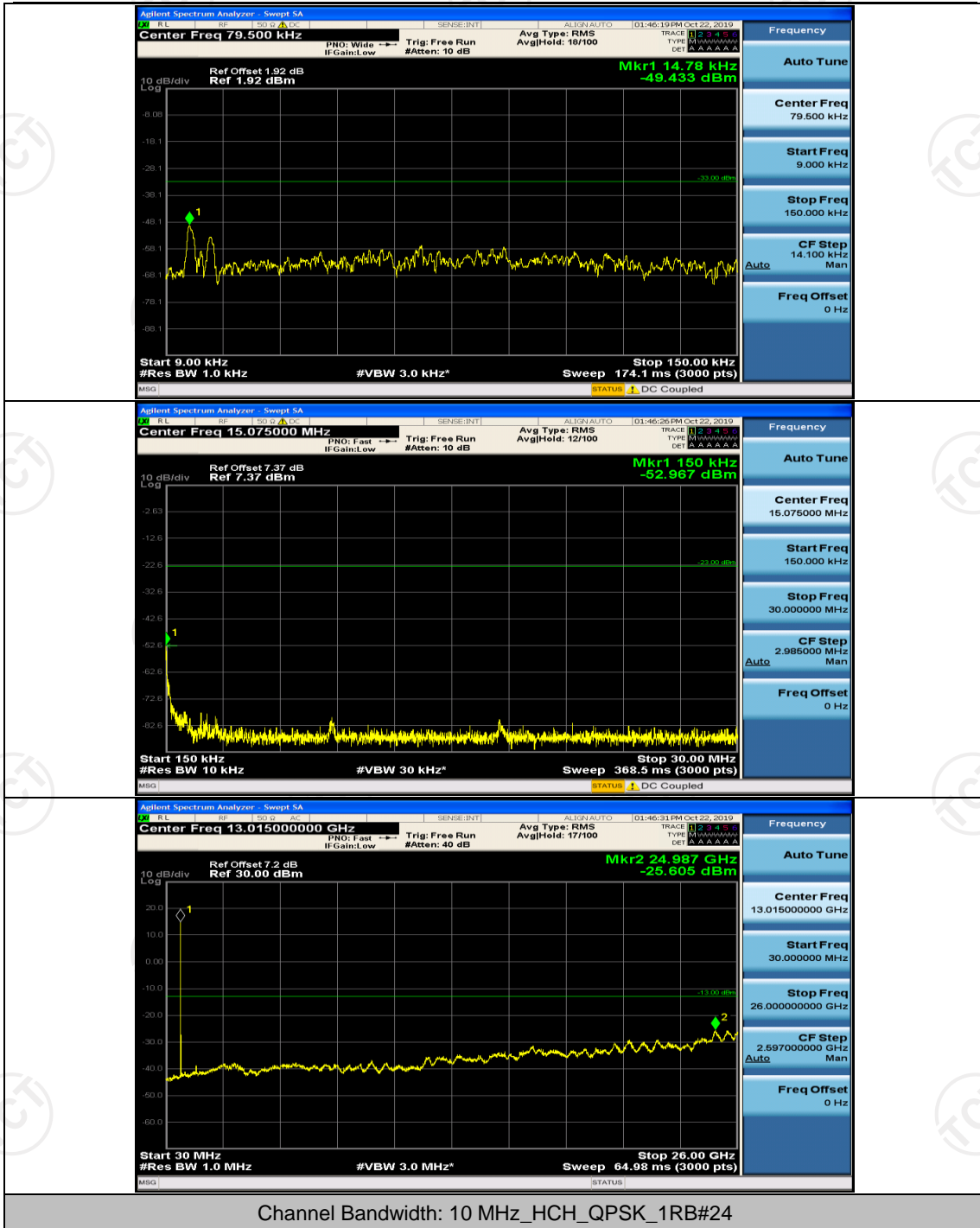


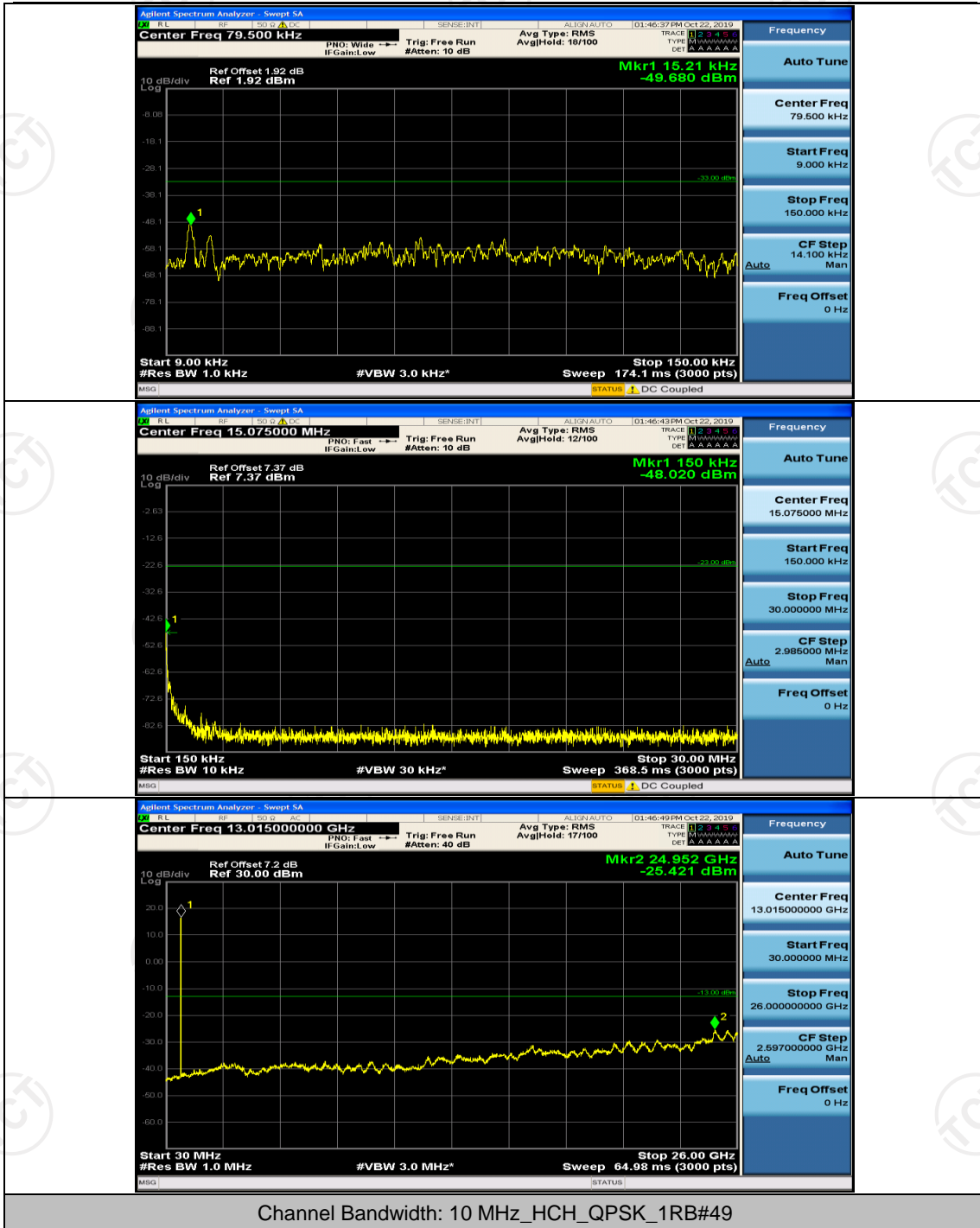


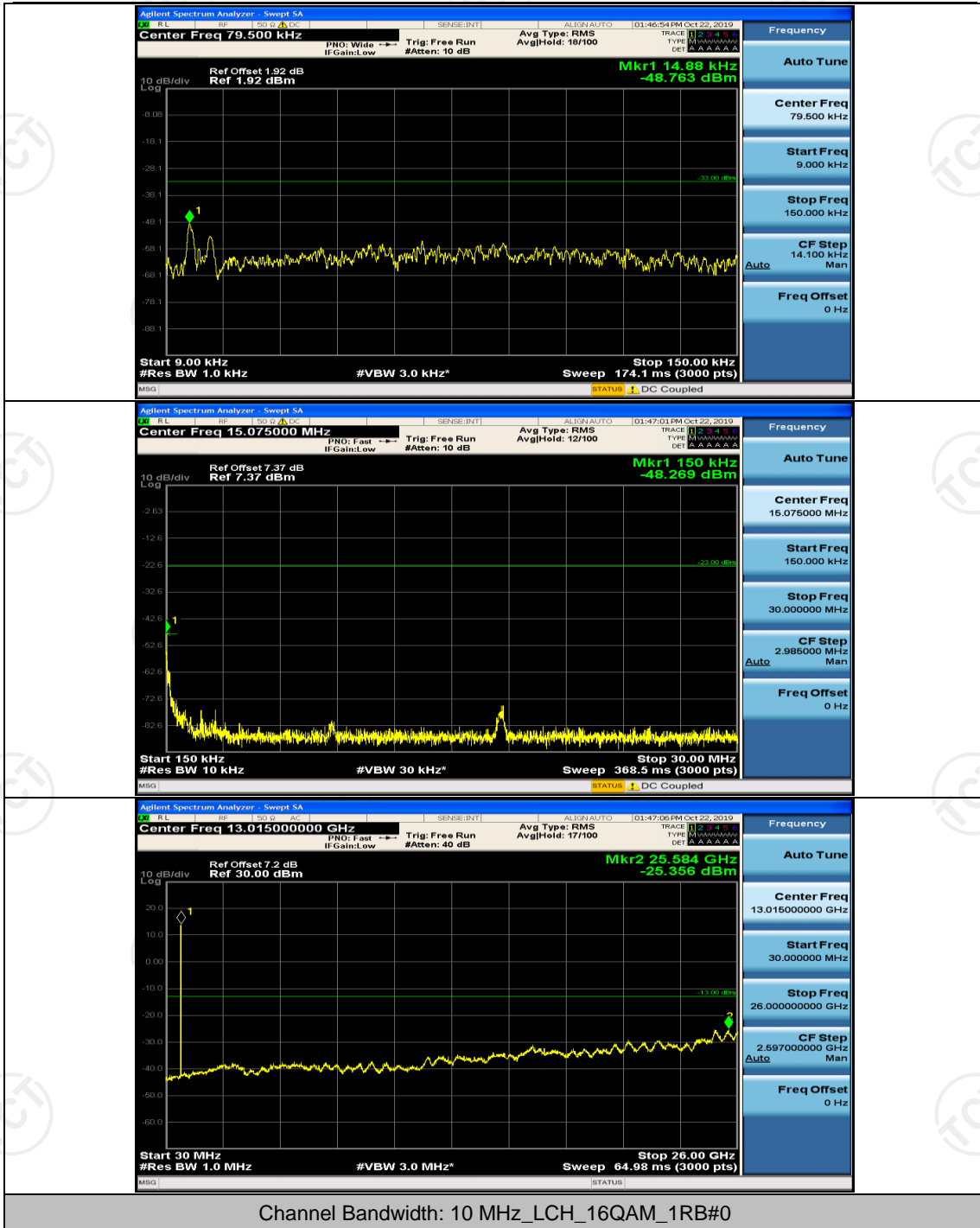


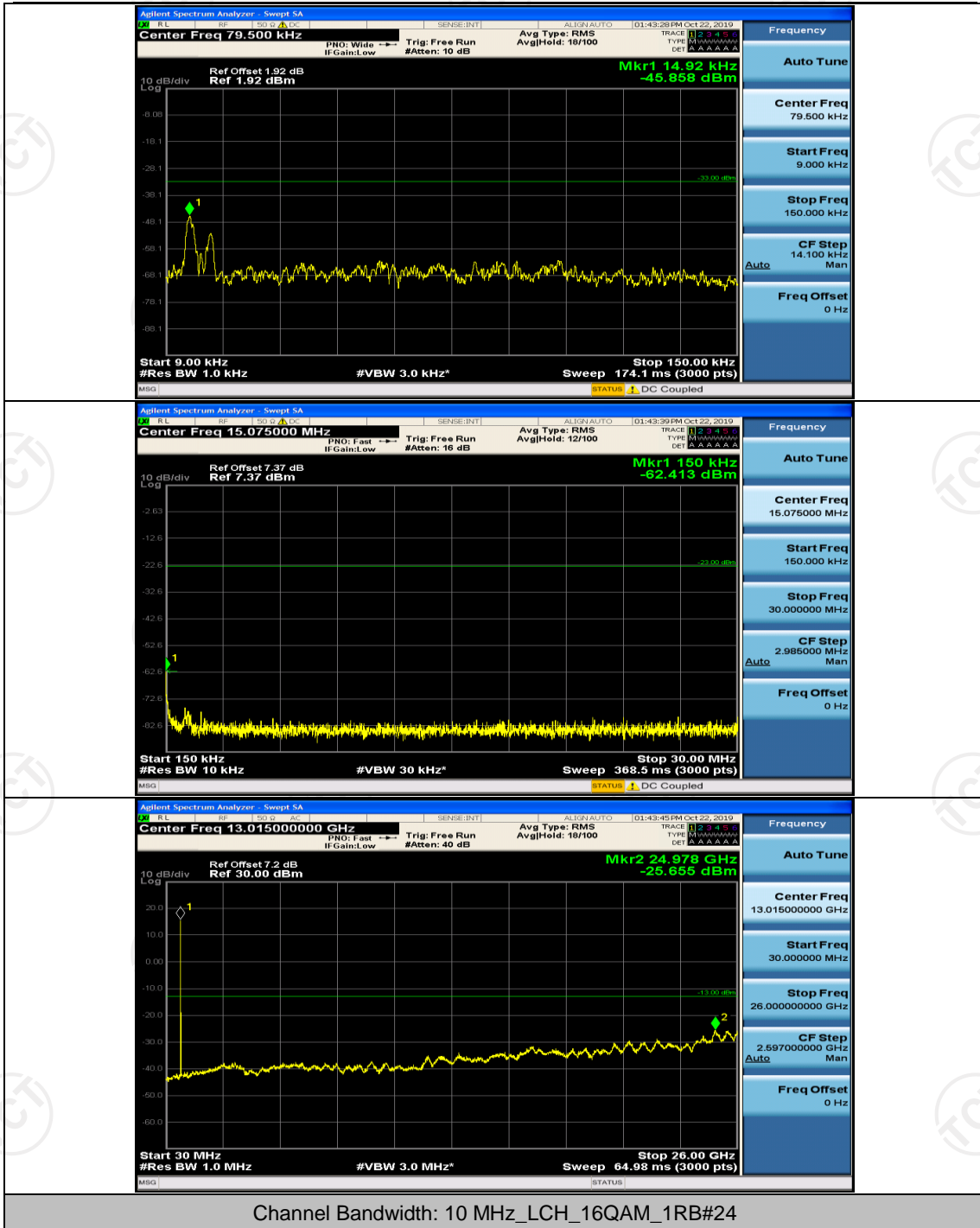


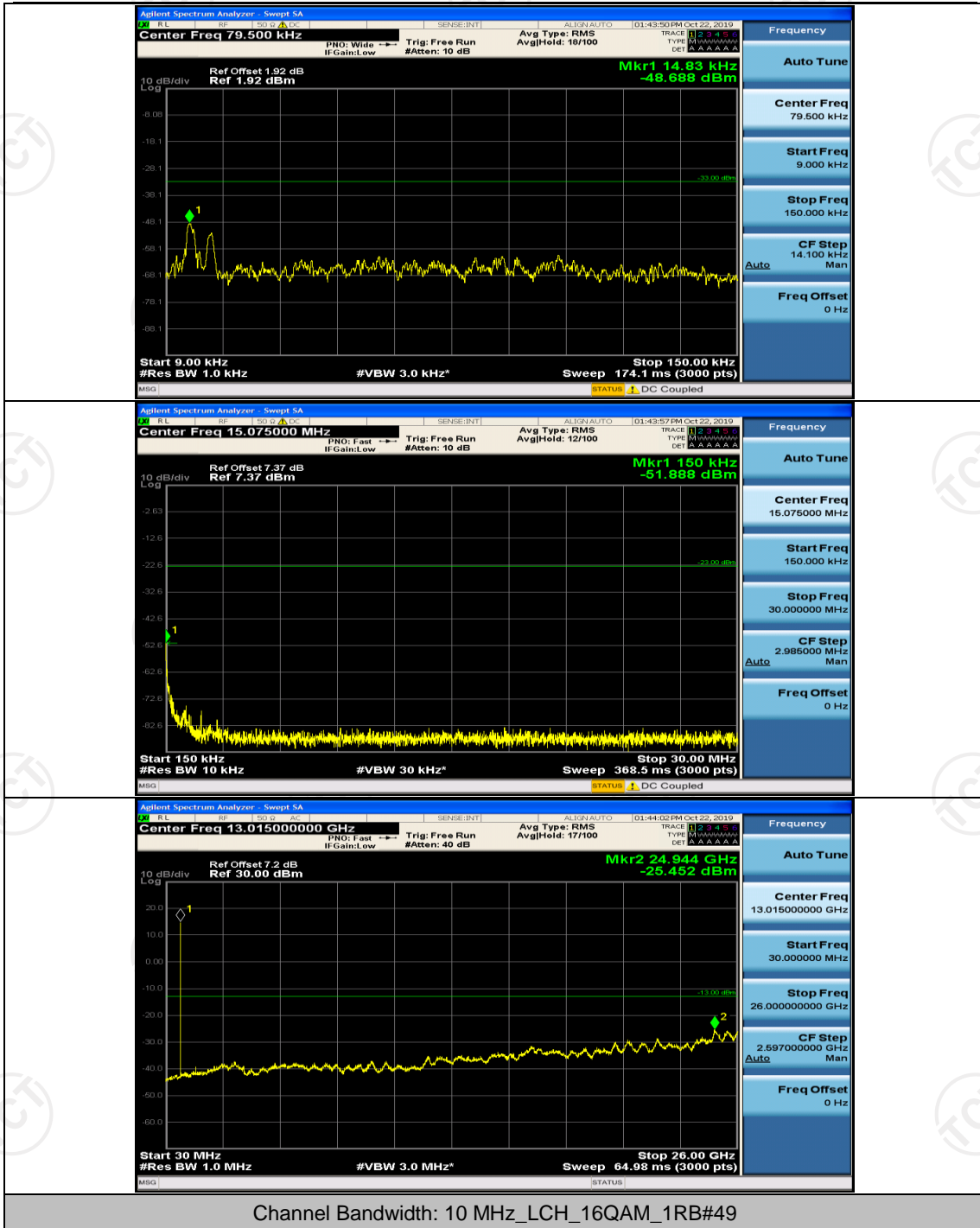


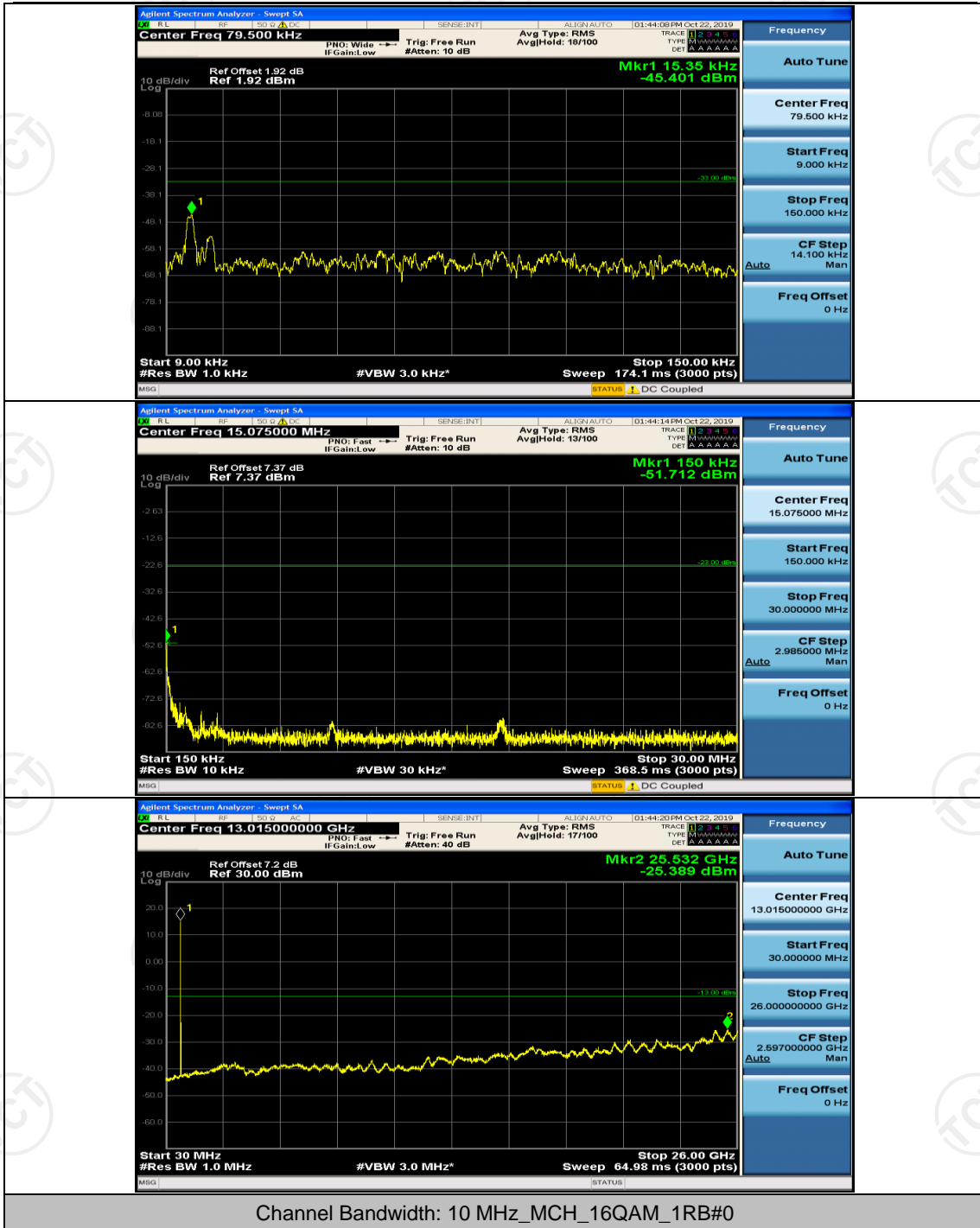


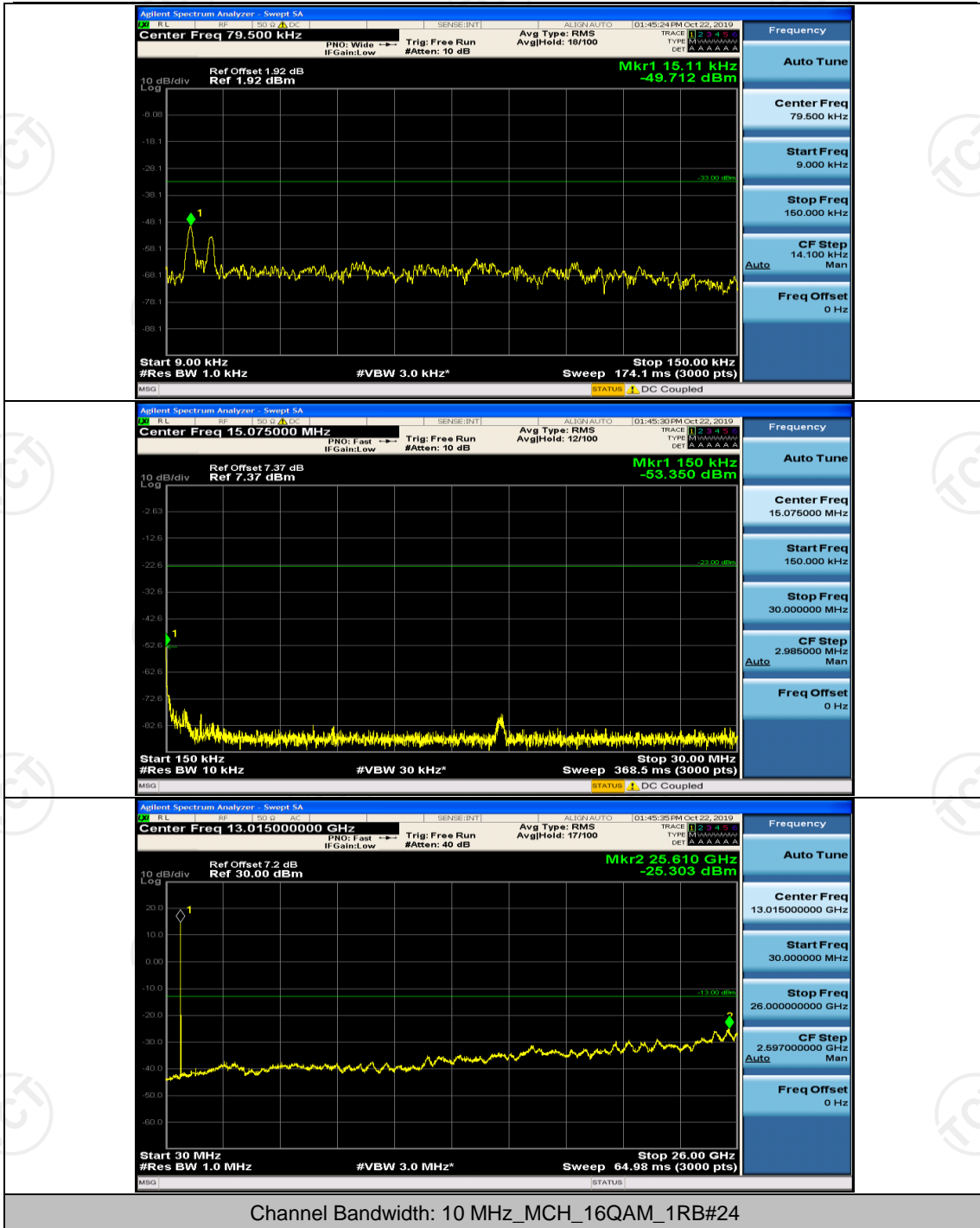


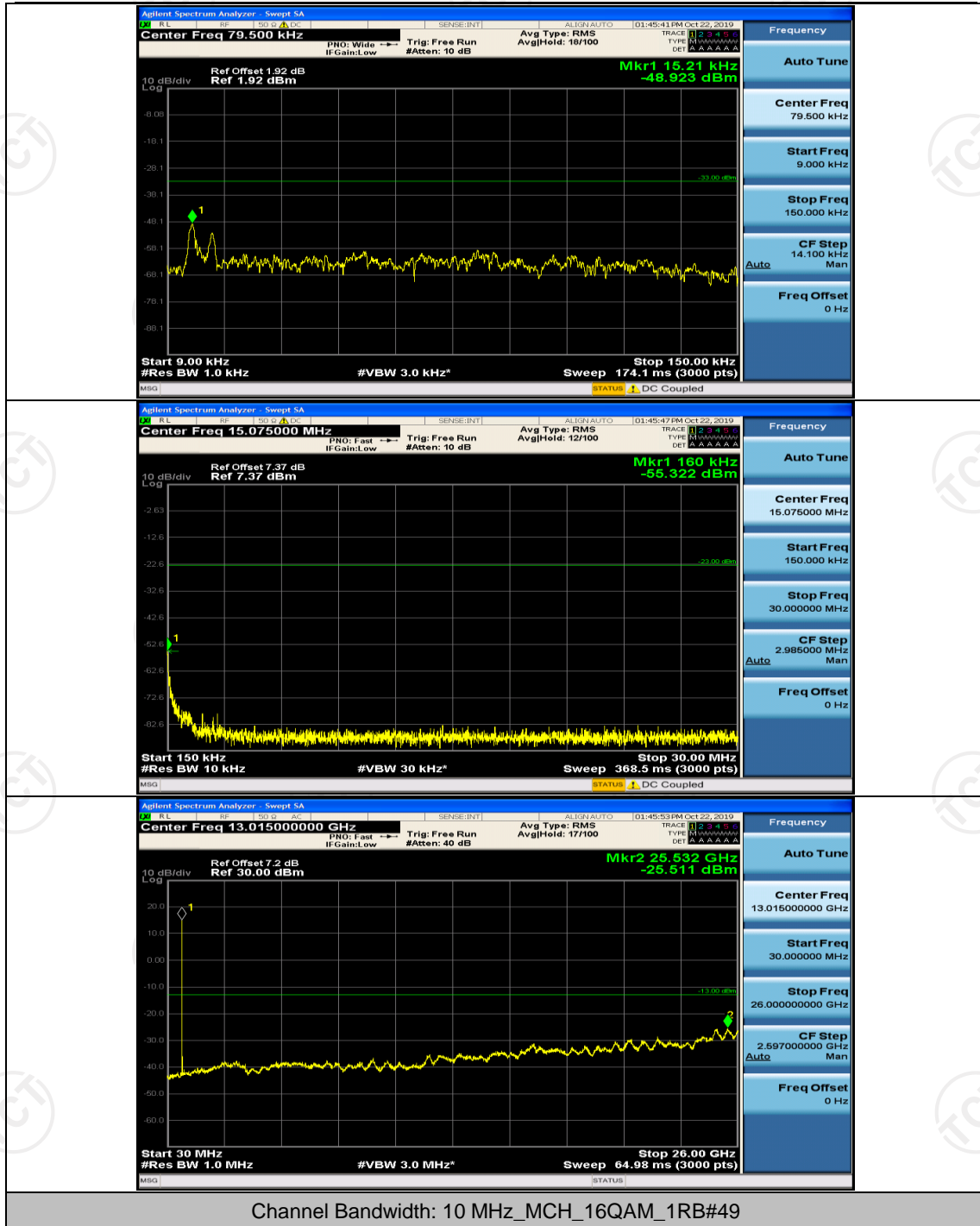


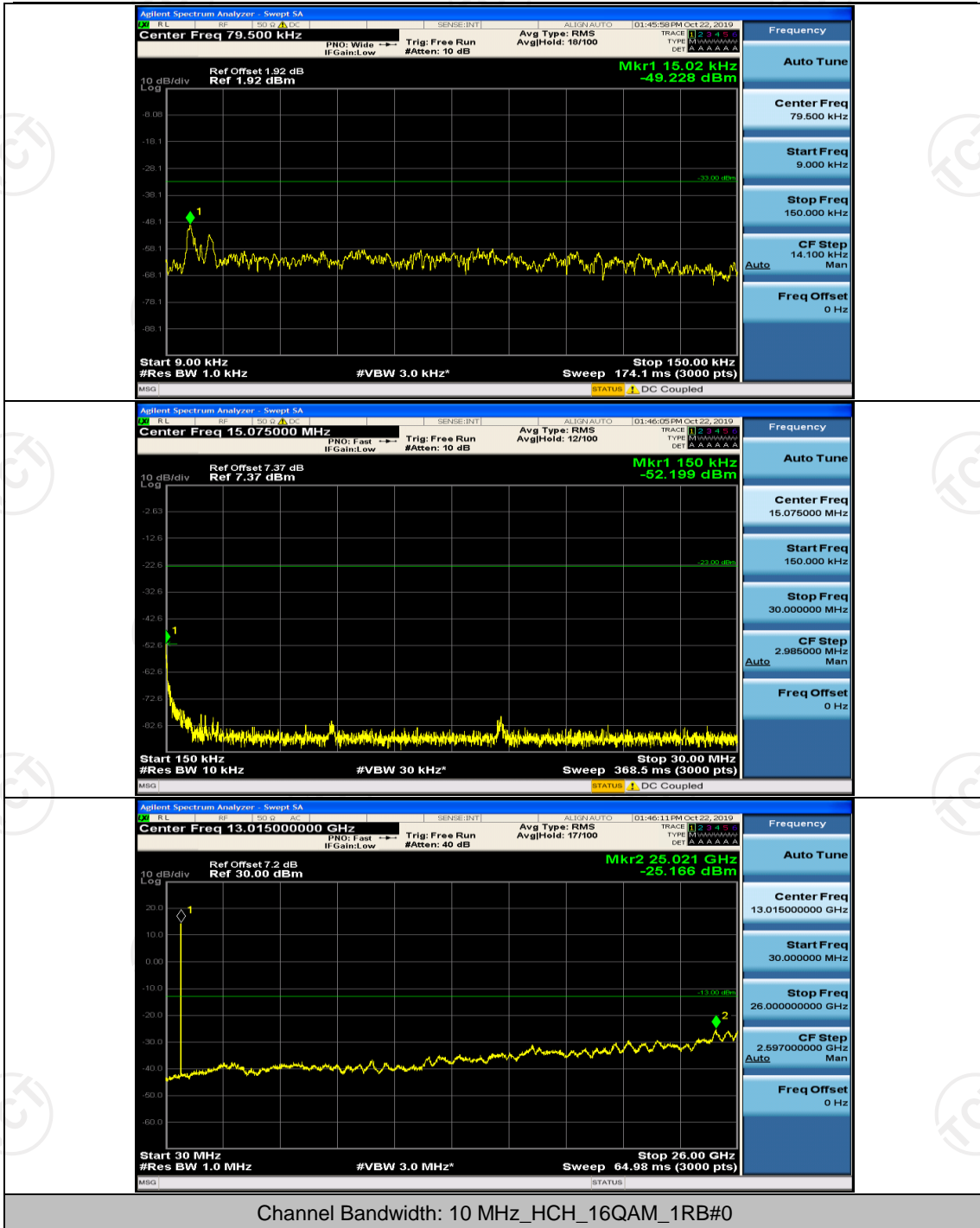


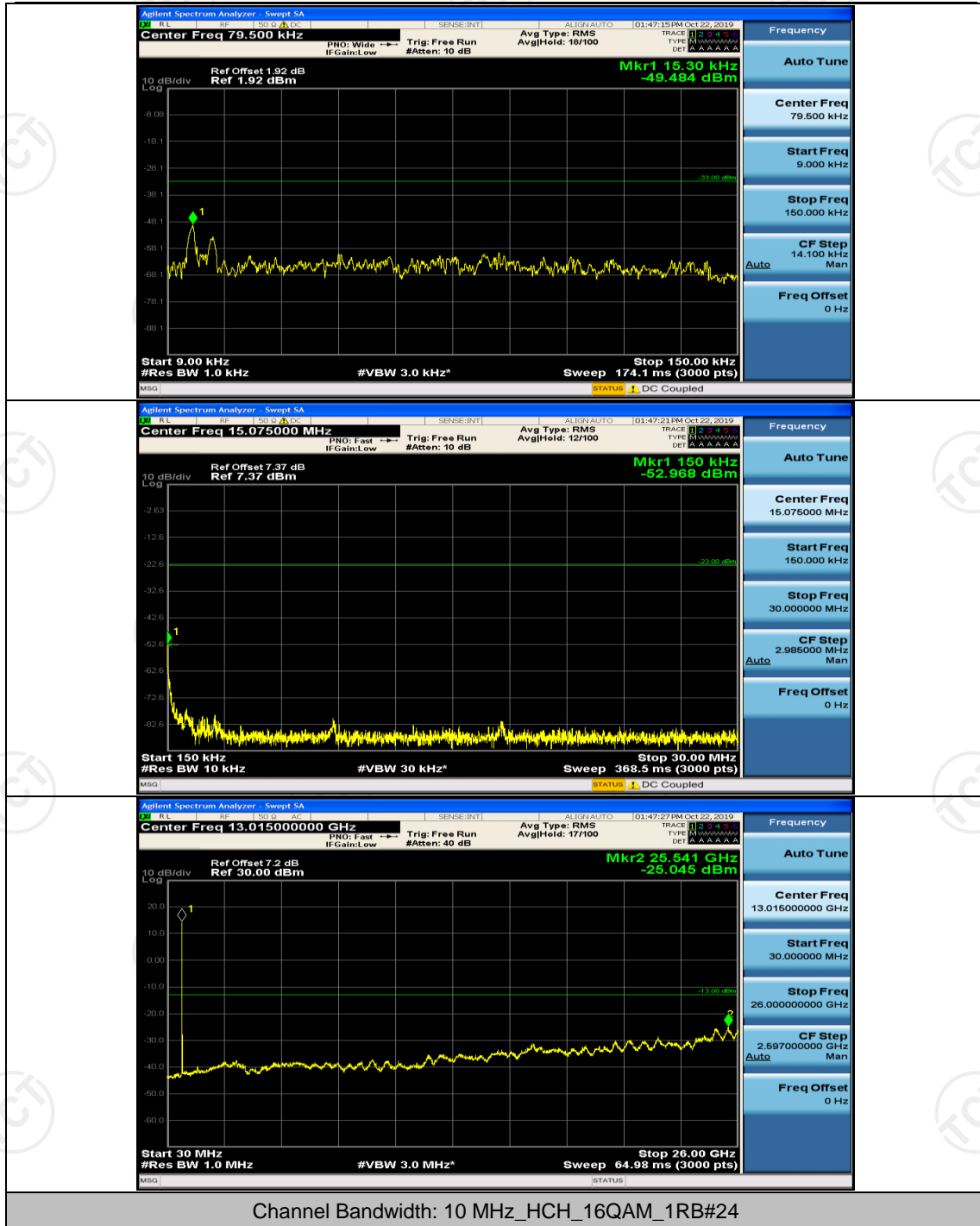


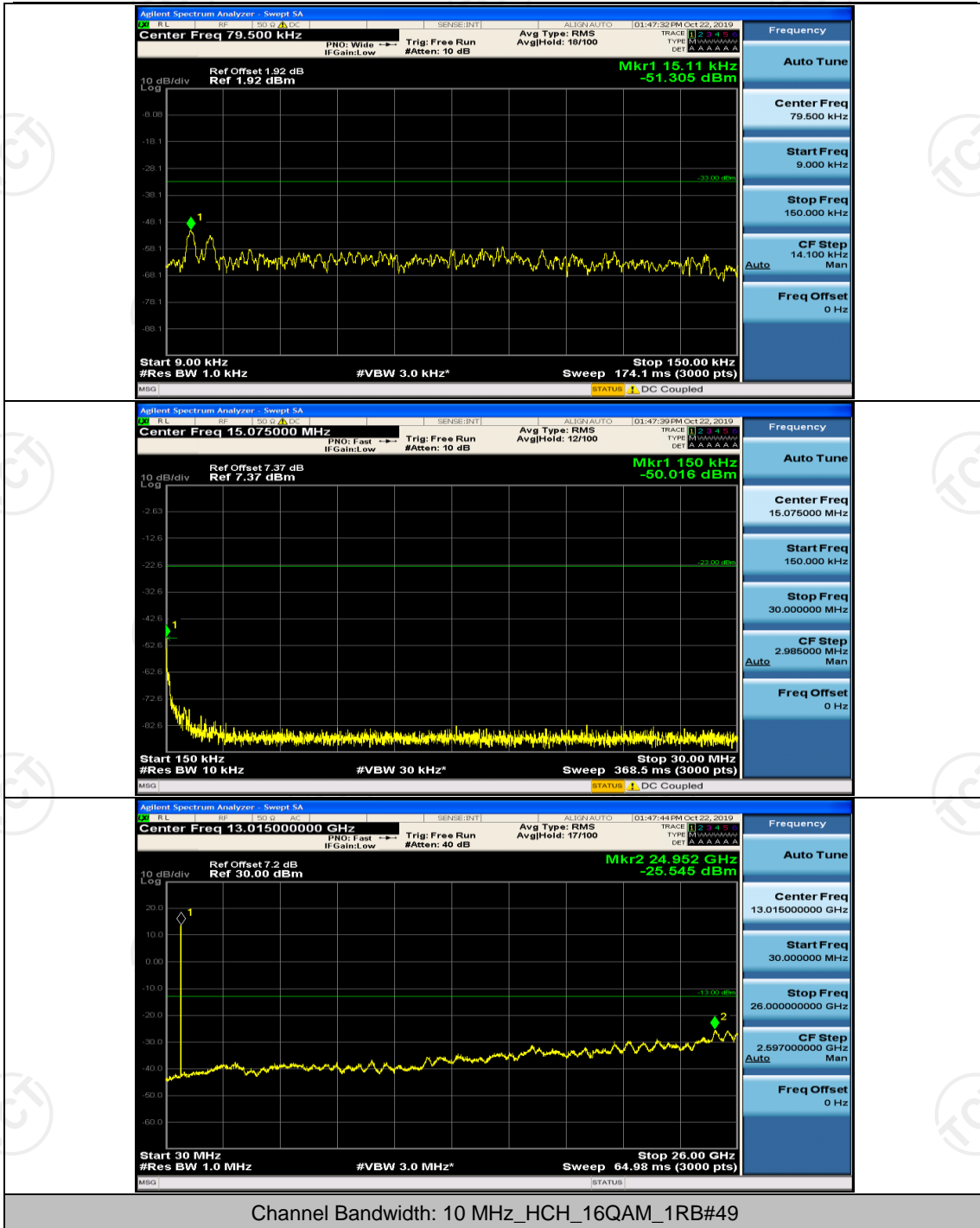


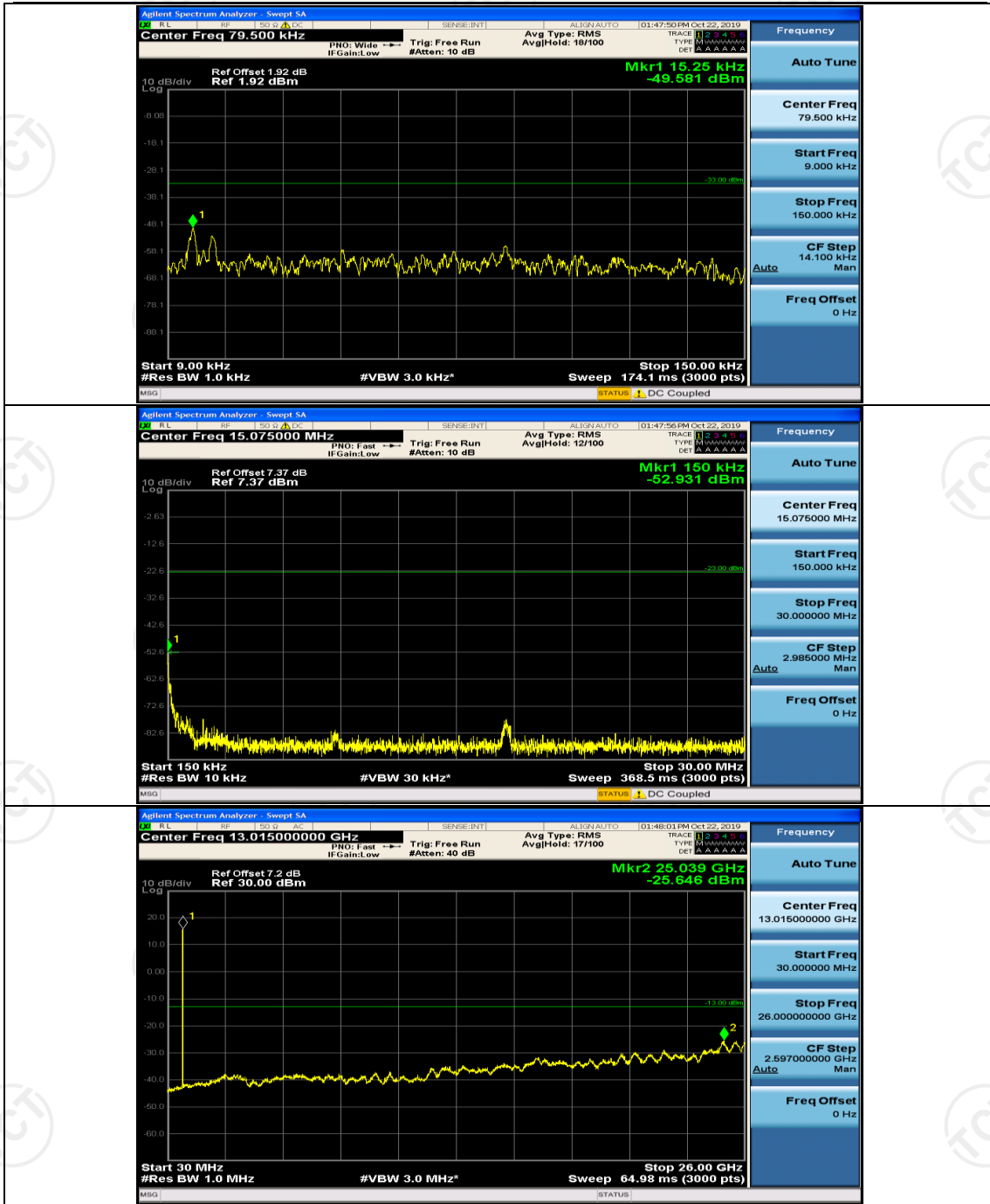












Appendix F: Frequency Stability

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	-6.35	-0.009125	± 2.5	PASS
		3.7	25	-6.22	-0.008893	± 2.5	PASS
		4.2	25	-6.17	-0.008536	± 2.5	PASS
	MCH	3.4	25	-8.01	-0.012011	± 2.5	PASS
		3.7	25	-7.78	-0.010999	± 2.5	PASS
		4.2	25	-7.49	-0.009876	± 2.5	PASS
	HCH	3.4	25	-6.57	-0.008754	± 2.5	PASS
		3.7	25	-6.44	-0.008694	± 2.5	PASS
		4.2	25	-6.37	-0.008503	± 2.5	PASS
16QAM	LCH	3.4	25	-11.23	-0.017504	± 2.5	PASS
		3.7	25	-10.77	-0.015395	± 2.5	PASS
		4.2	25	-10.21	-0.014958	± 2.5	PASS
	MCH	3.4	25	-6.27	-0.008435	± 2.5	PASS
		3.7	25	-5.95	-0.008193	± 2.5	PASS
		4.2	25	-5.56	-0.007561	± 2.5	PASS
	HCH	3.4	25	-5.11	-0.007129	± 2.5	PASS
		3.7	25	-4.88	-0.006820	± 2.5	PASS
		4.2	25	-3.27	-0.005214	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	3.7	-30	-7.97	-0.011057	± 2.5	PASS
		3.7	-20	-7.56	-0.010464	± 2.5	PASS
		3.7	-10	-7.24	-0.009731	± 2.5	PASS
		3.7	0	-7.01	-0.009528	± 2.5	PASS
		3.7	10	-6.89	-0.008934	± 2.5	PASS
		3.7	20	-6.67	-0.008752	± 2.5	PASS
		3.7	30	-4.53	-0.006901	± 2.5	PASS
		3.7	40	-5.78	-0.007985	± 2.5	PASS
		3.7	50	-2.00	-0.002861	± 2.5	PASS
	MCH	3.7	-30	-1.78	-0.002634	± 2.5	PASS
		3.7	-20	-1.65	-0.002431	± 2.5	PASS
		3.7	-10	-1.53	-0.002359	± 2.5	PASS
		3.7	0	-1.45	-0.002273	± 2.5	PASS
		3.7	10	-1.34	-0.002108	± 2.5	PASS

		3.7	20	-6.25	-0.008836	± 2.5	PASS	
		3.7	30	-1.13	-0.001917	± 2.5	PASS	
		3.7	40	-7.71	-0.010898	± 2.5	PASS	
		3.7	50	-7.05	-0.009968	± 2.5	PASS	
	HCH	3.7	-30	-7.67	-0.010573	± 2.5	PASS	
		3.7	-20	-7.14	-0.009989	± 2.5	PASS	
		3.7	-10	-6.82	-0.009306	± 2.5	PASS	
		3.7	0	-6.27	-0.008841	± 2.5	PASS	
		3.7	10	-5.95	-0.008103	± 2.5	PASS	
		3.7	20	-5.62	-0.007860	± 2.5	PASS	
		3.7	30	-8.87	-0.016275-	± 2.5	PASS	
		3.7	40	-4.35	-0.006578	± 2.5	PASS	
		3.7	50	-10.01	-0.013999	± 2.5	PASS	
		16QAM	LCH	3.7	-30	-10.57	-0.015796	± 2.5
3.7	-20			-10.73	-0.016374	± 2.5	PASS	
3.7	-10			-11.12	-0.016973	± 2.5	PASS	
3.7	0			-11.34	-0.017891	± 2.5	PASS	
3.7	10			-11.46	-0.018035	± 2.5	PASS	
3.7	20			-11.65	-0.018689	± 2.5	PASS	
3.7	30			-10.17	-0.014213	± 2.5	PASS	
3.7	40			-7.07	-0.010100	± 2.5	PASS	
MCH	3.7		50	-5.54	-0.007912	± 2.5	PASS	
	3.7		-30	-5.31	-0.007605	± 2.5	PASS	
	3.7		-20	-5.24	-0.007541	± 2.5	PASS	
	3.7		-10	-5.17	-0.007403	± 2.5	PASS	
	3.7		0	-4.95	-0.007159	± 2.5	PASS	
	3.7		10	-4.76	-0.006864	± 2.5	PASS	
	3.7		20	-3.40	-0.004812	± 2.5	PASS	
	3.7		30	-3.56	-0.005035	± 2.5	PASS	
	3.7		40	-7.32	-0.010352	± 2.5	PASS	
	3.7		50	-7.24	-0.010231	± 2.5	PASS	
HCH	3.7		-30	-7.08	-0.010064	± 2.5	PASS	
	3.7		-20	-6.75	-0.009158	± 2.5	PASS	
	3.7		-10	-6.53	-0.008934	± 2.5	PASS	
	3.7		0	-6.40	-0.008813	± 2.5	PASS	
	3.7		10	-6.22	-0.008642	± 2.5	PASS	
	3.7		20	-5.79	-0.008099	± 2.5	PASS	
	3.7		30	-5.81	-0.008119	± 2.5	PASS	
	3.7		40	-5.01	-0.007000	± 2.5	PASS	
			3.7	50	-6.92	-0.009679	± 2.5	PASS