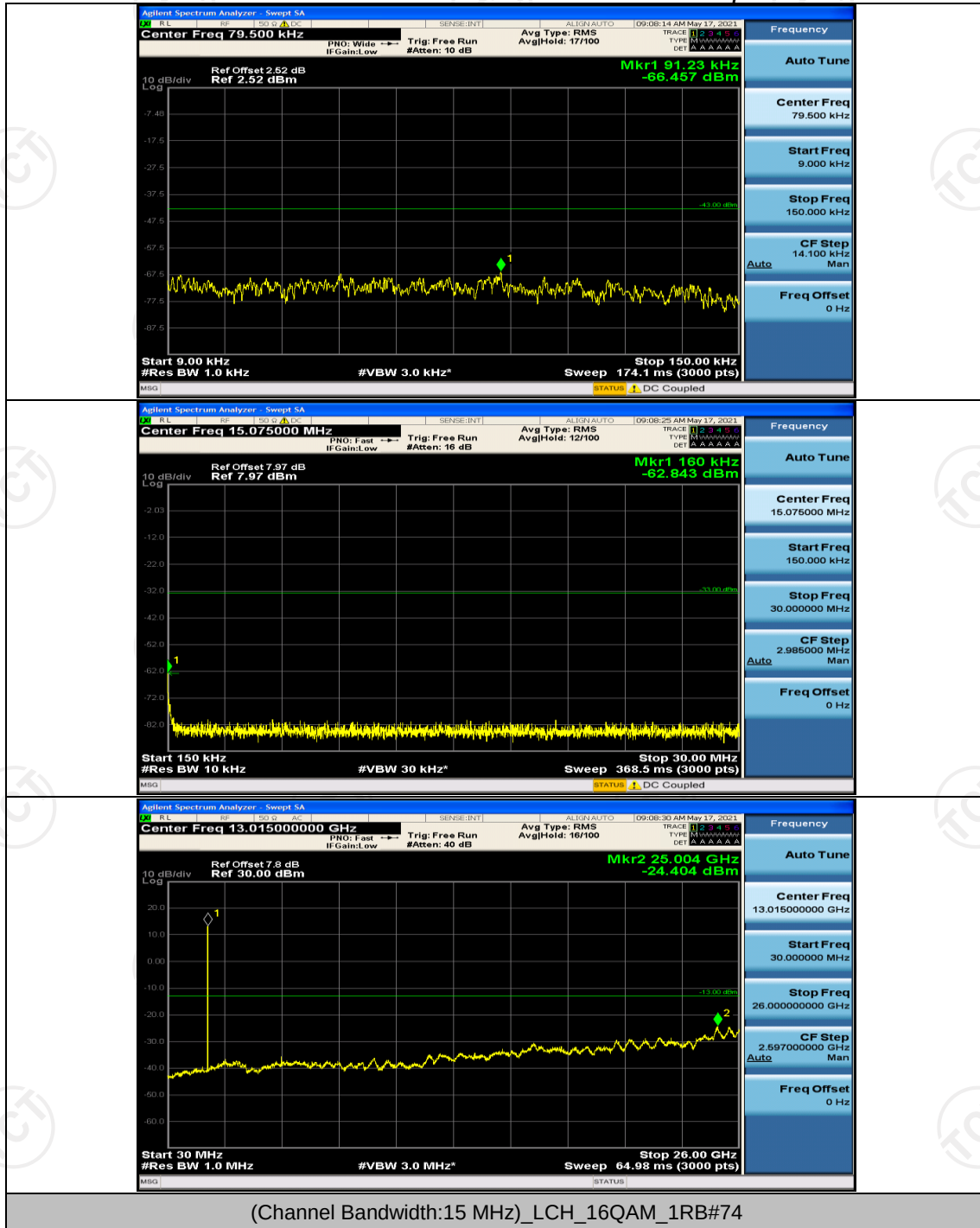
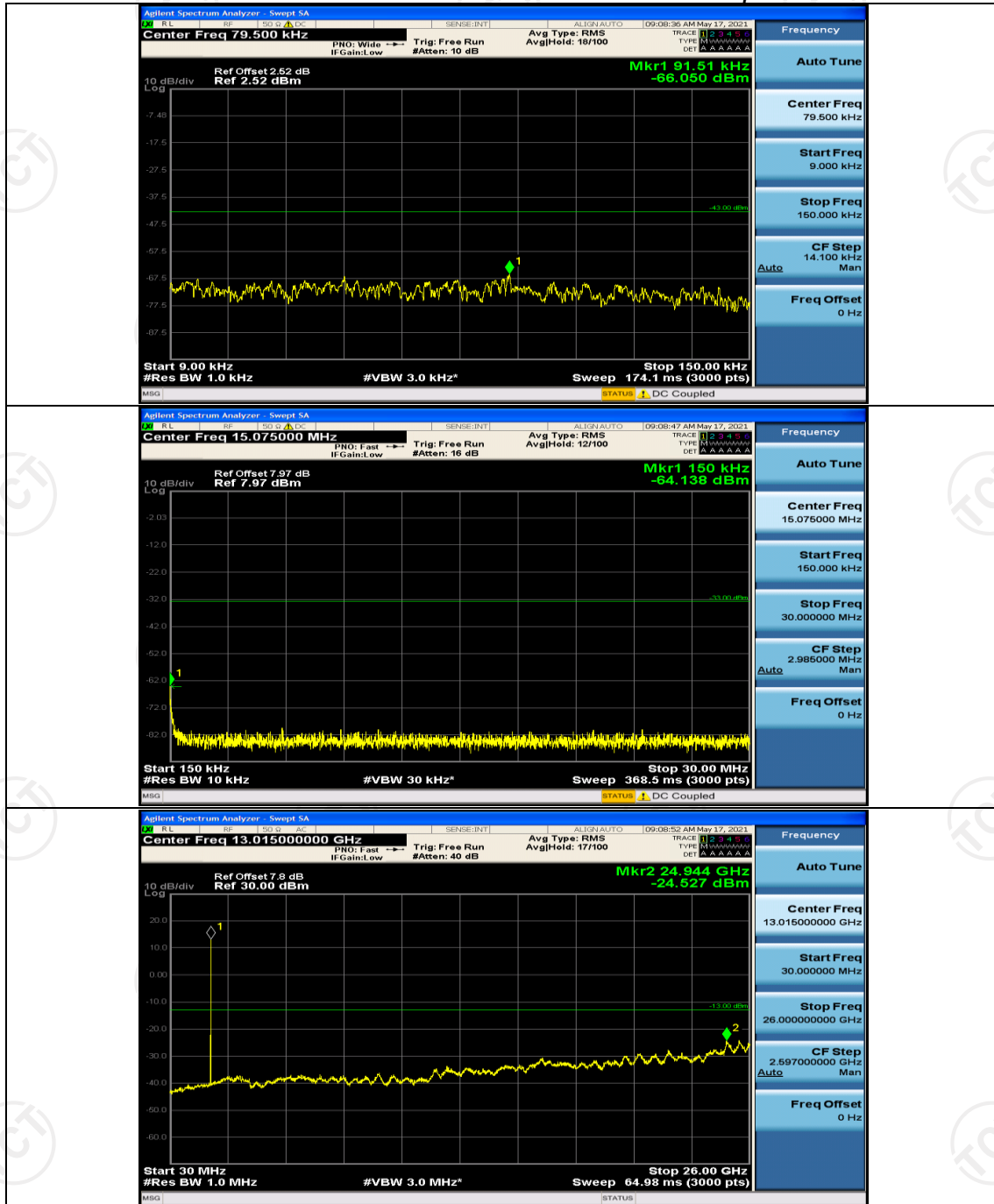
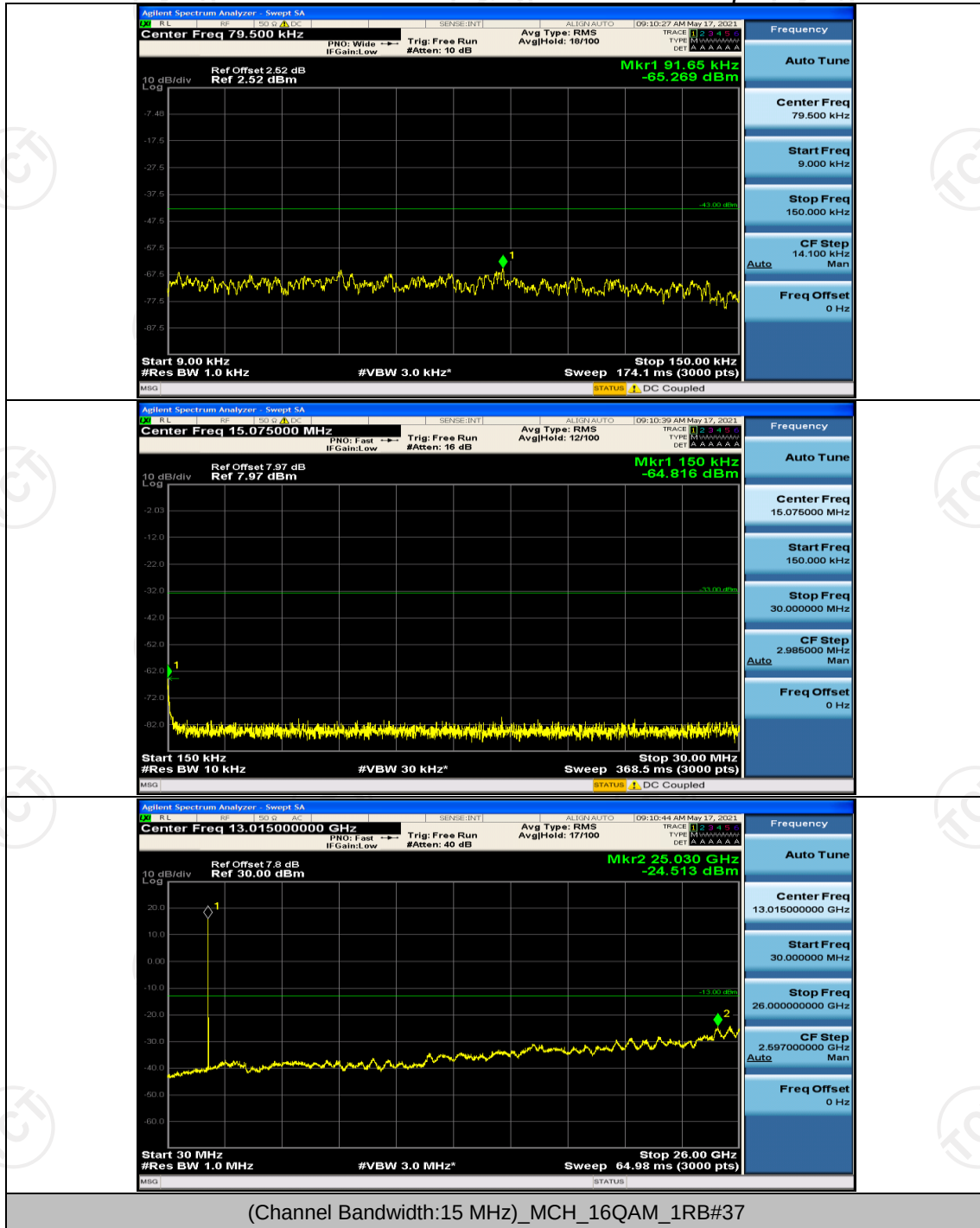
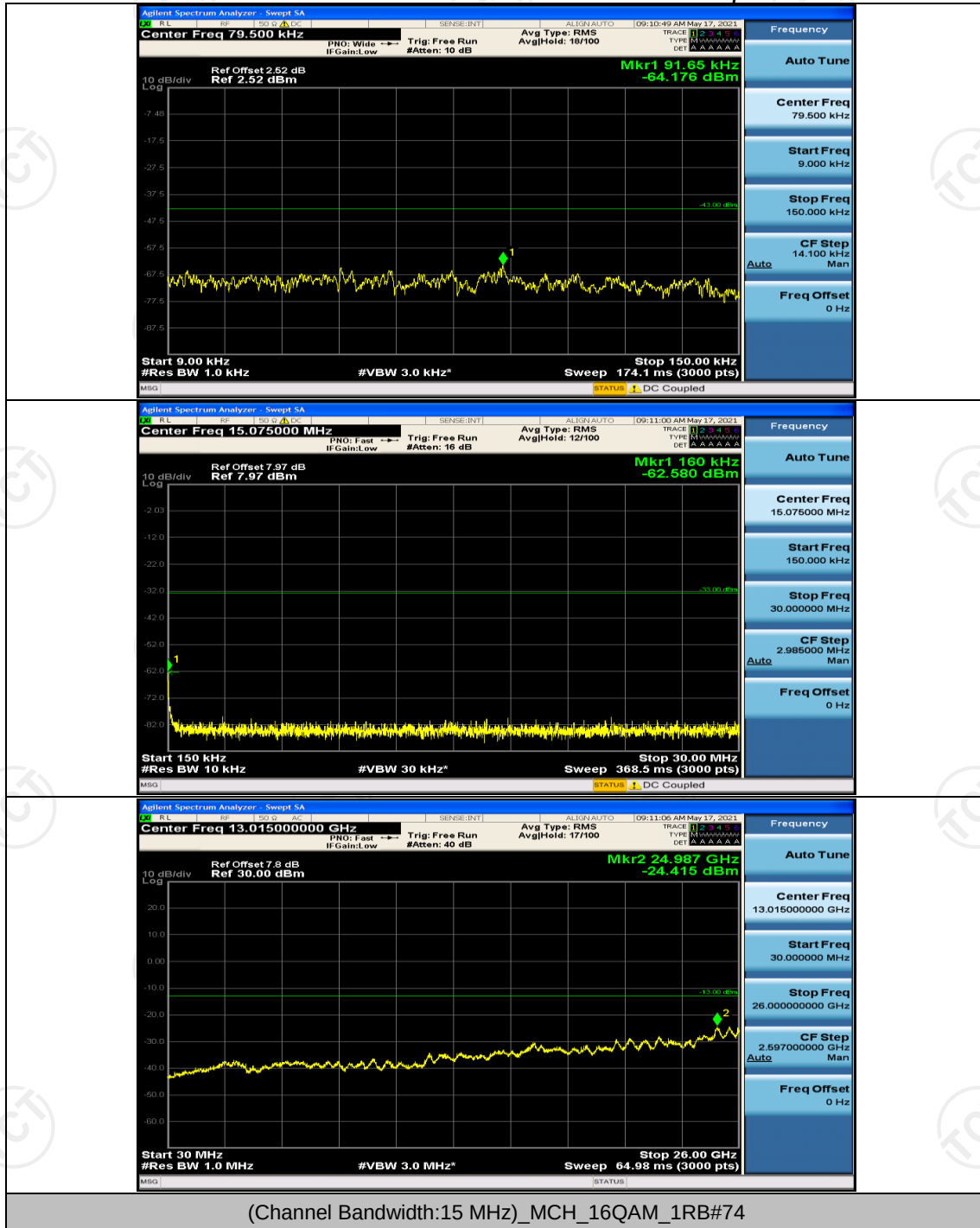


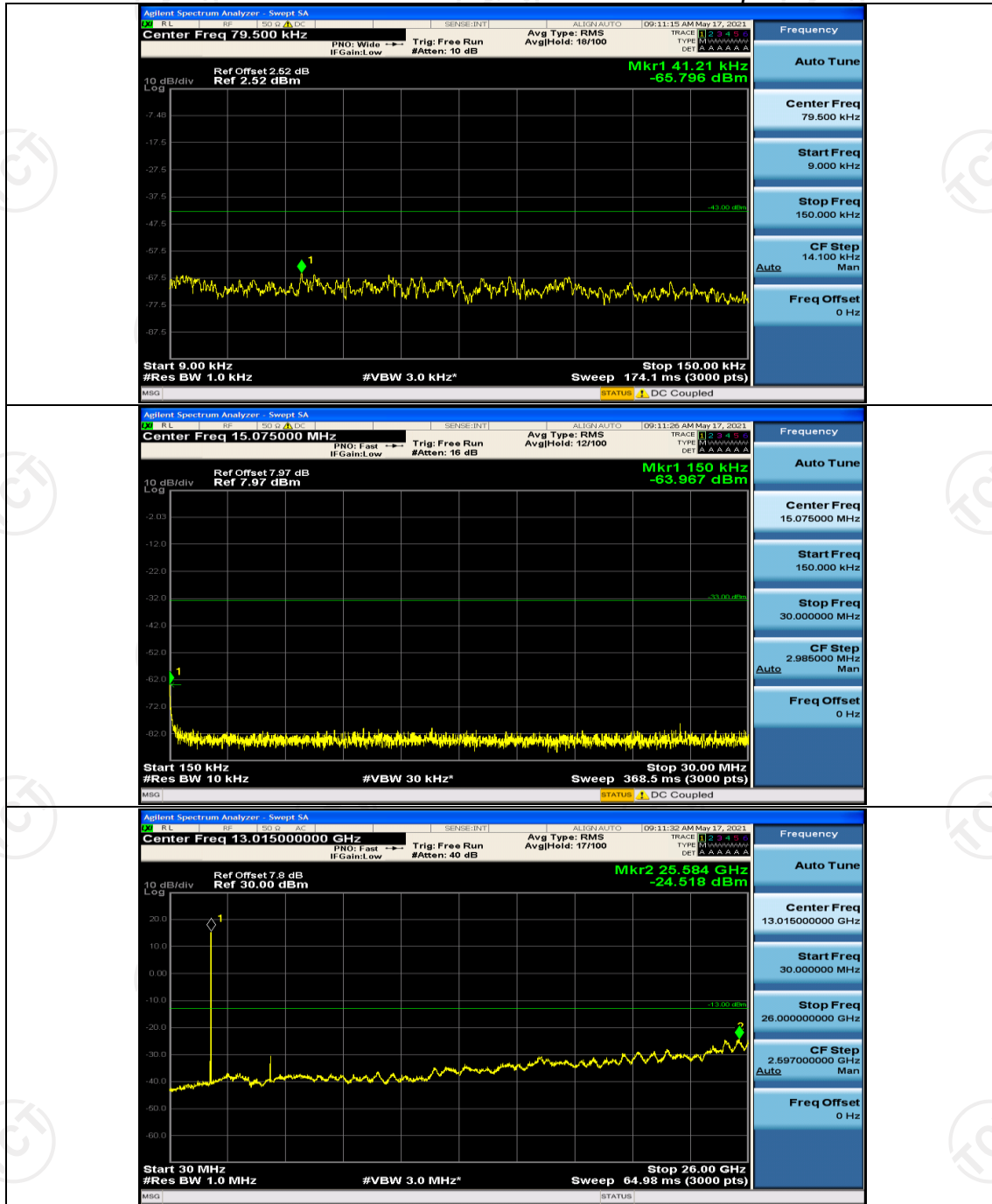




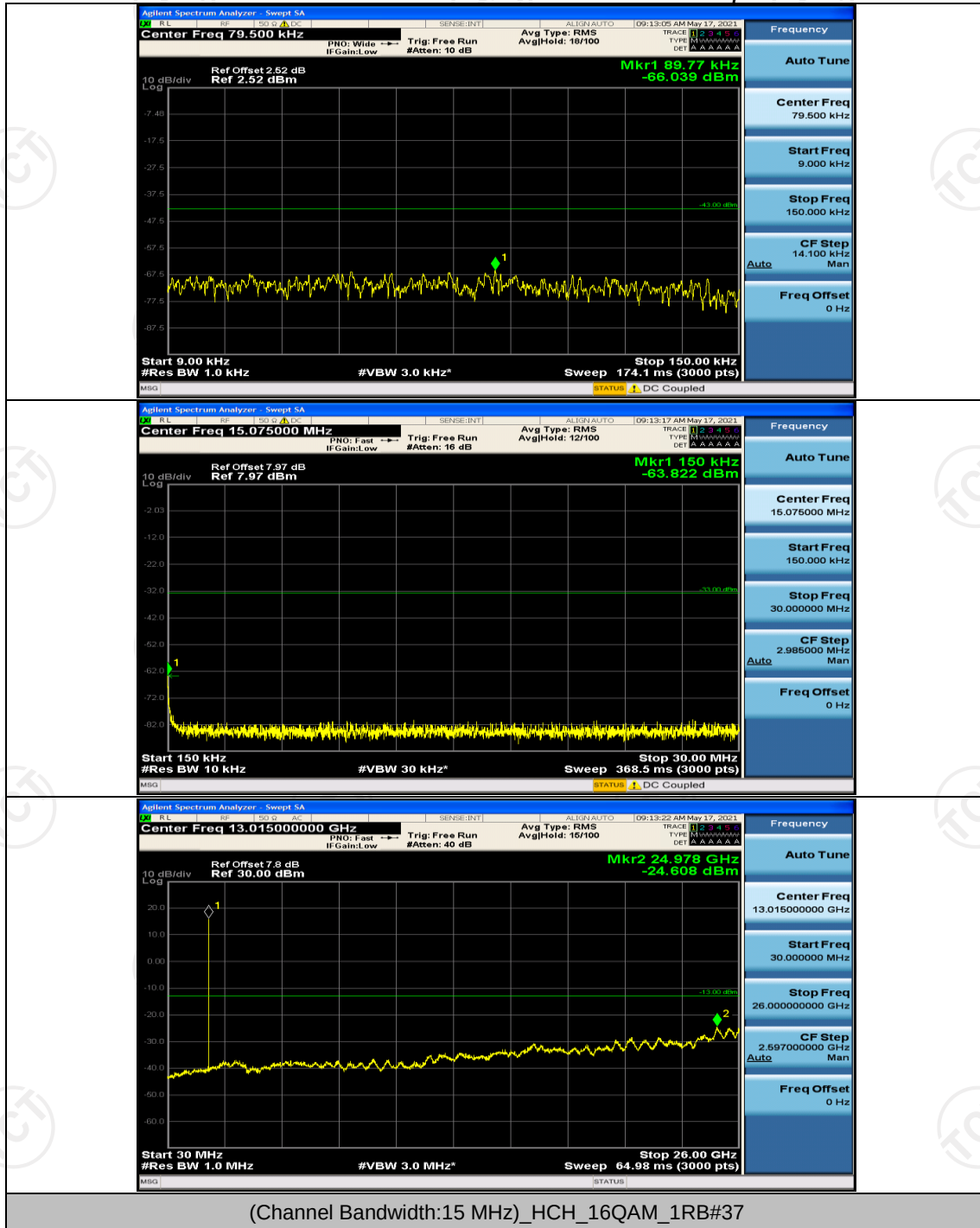
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0

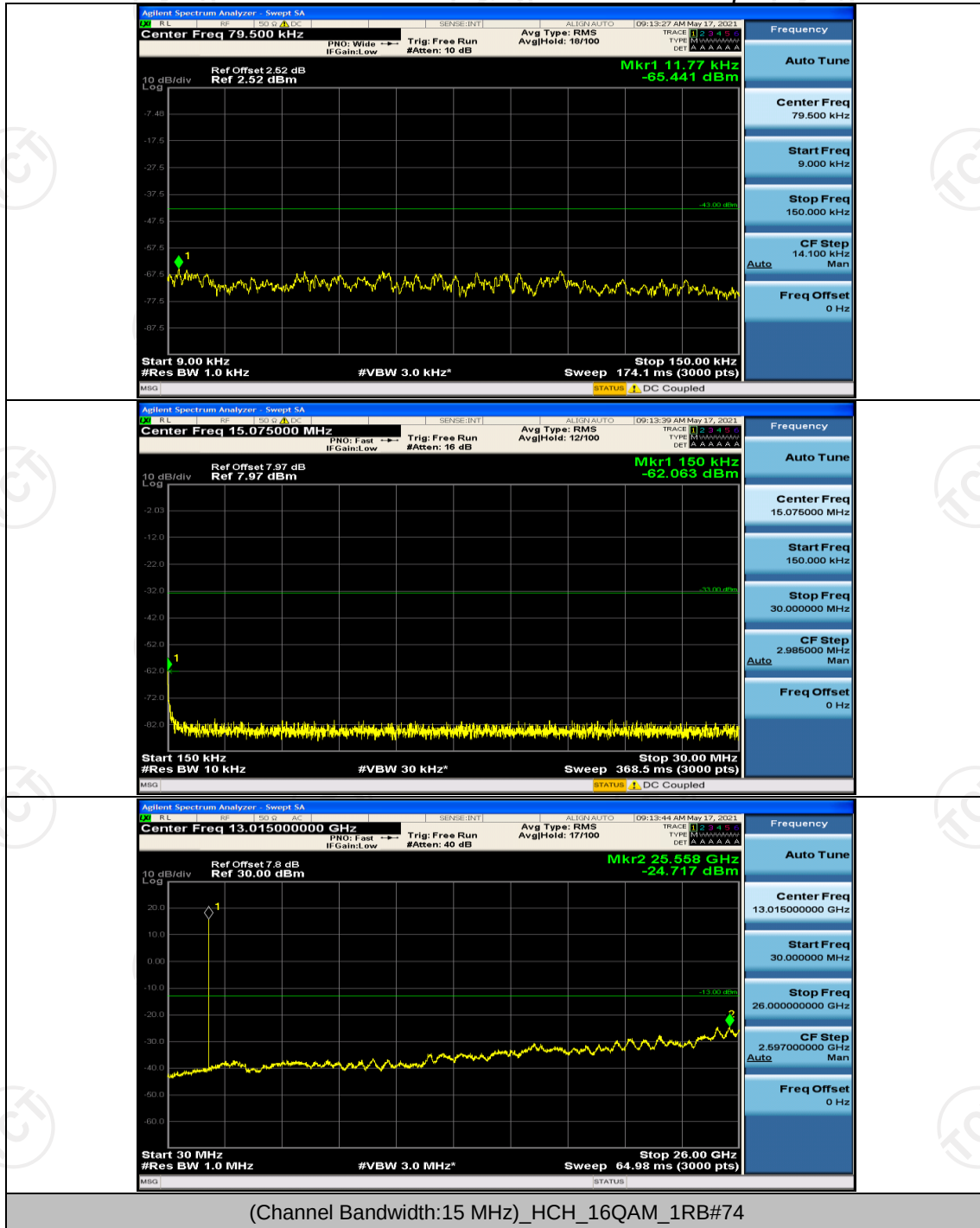


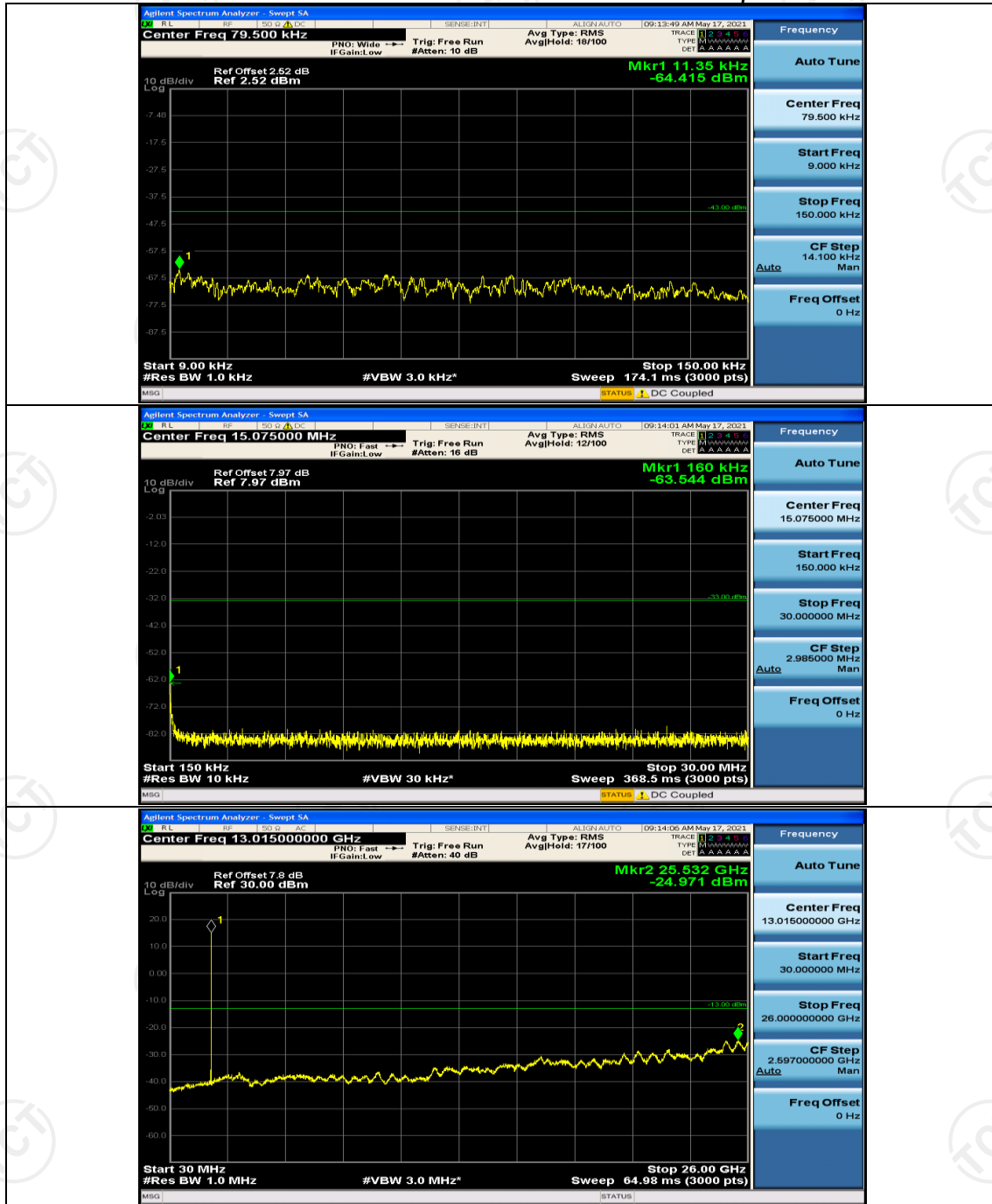




(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0

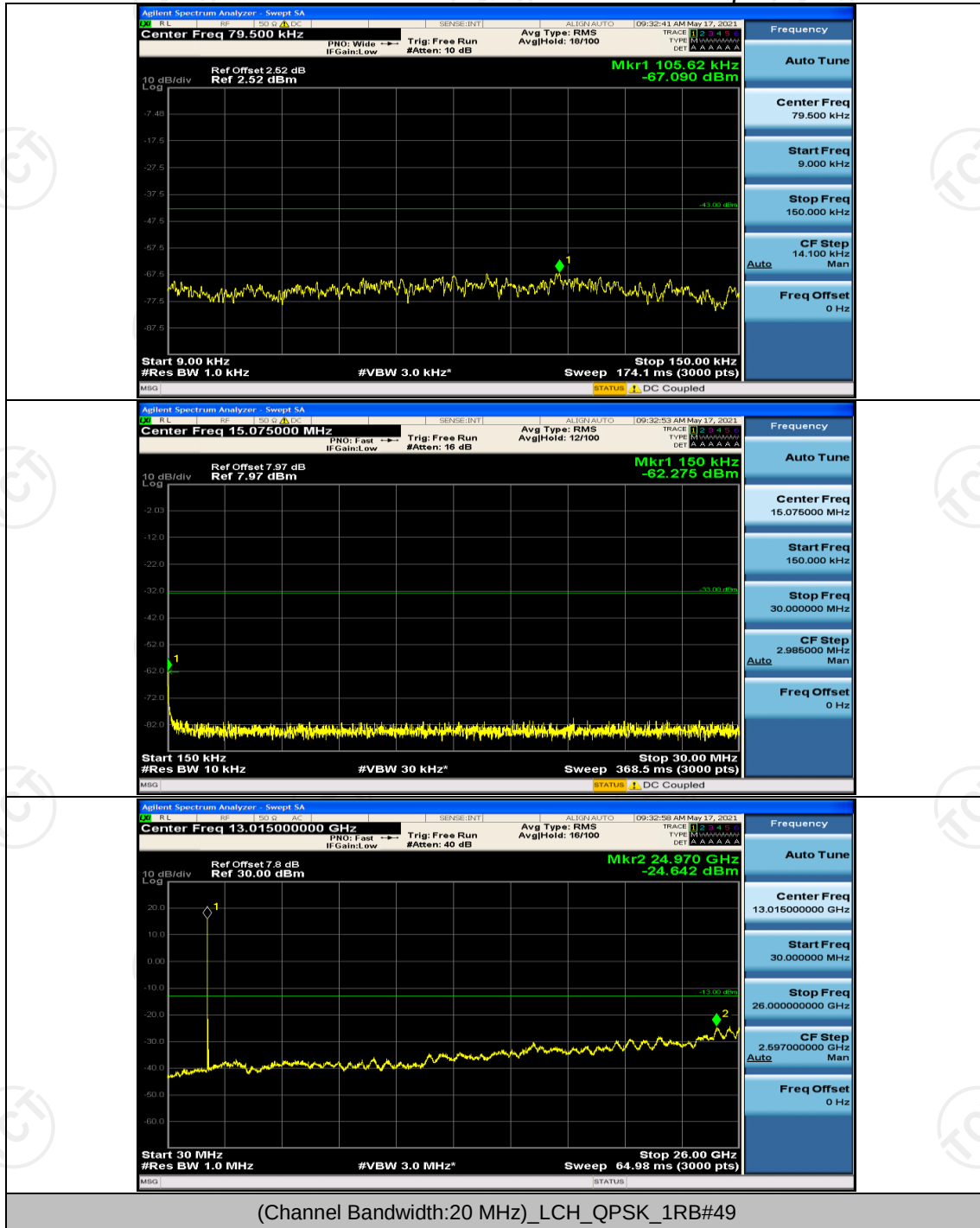


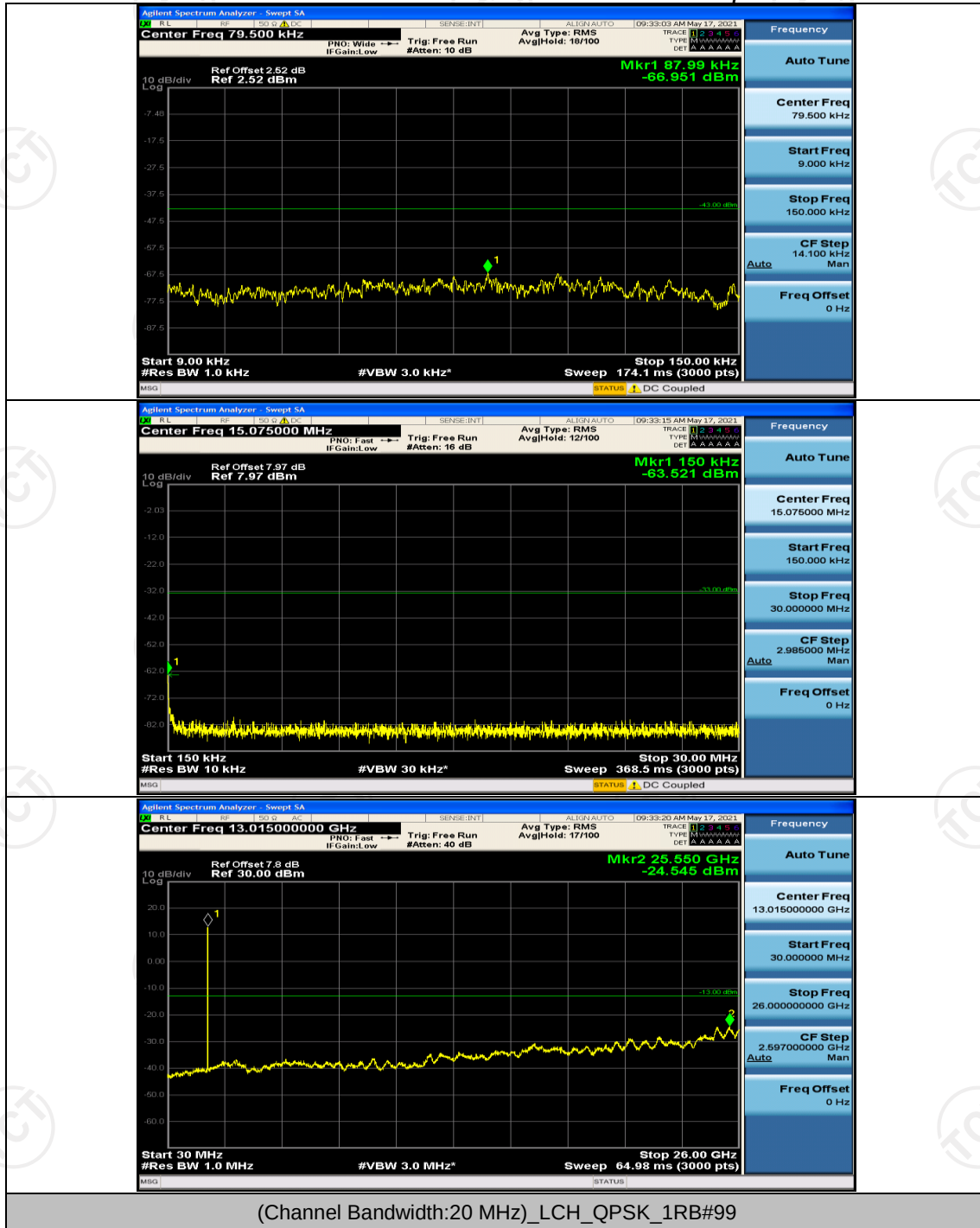


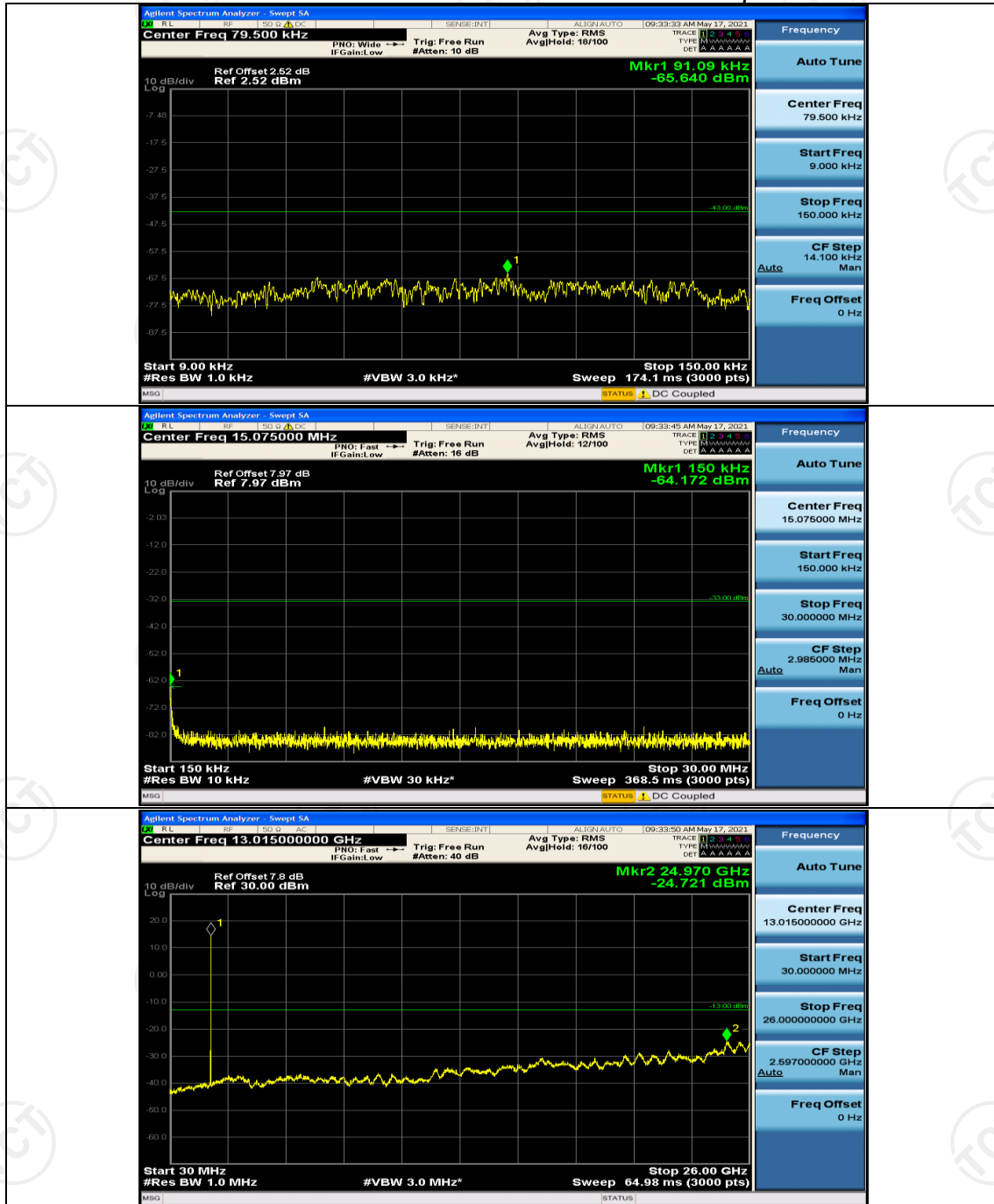


Channel Bandwidth: 20 MHz

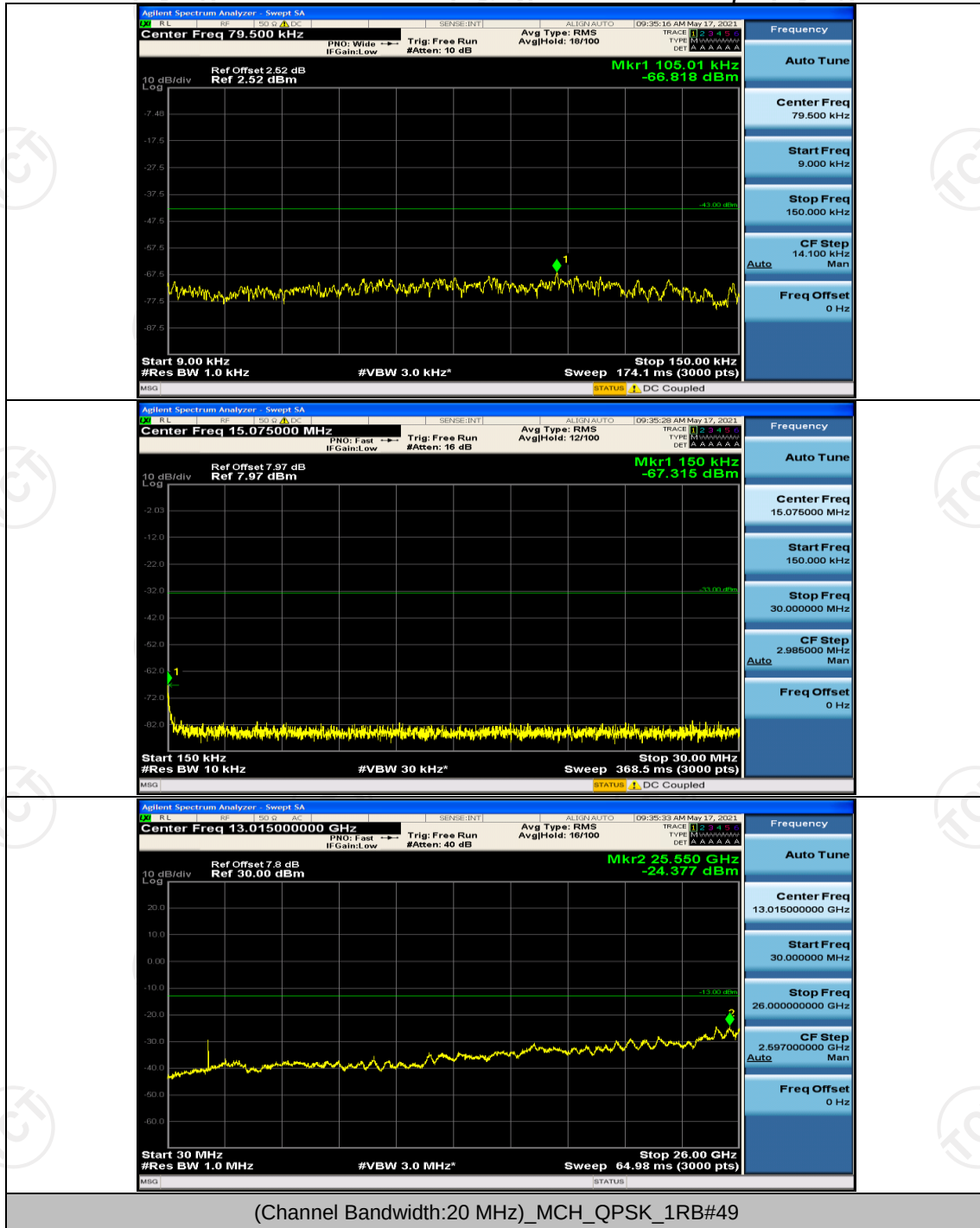
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0

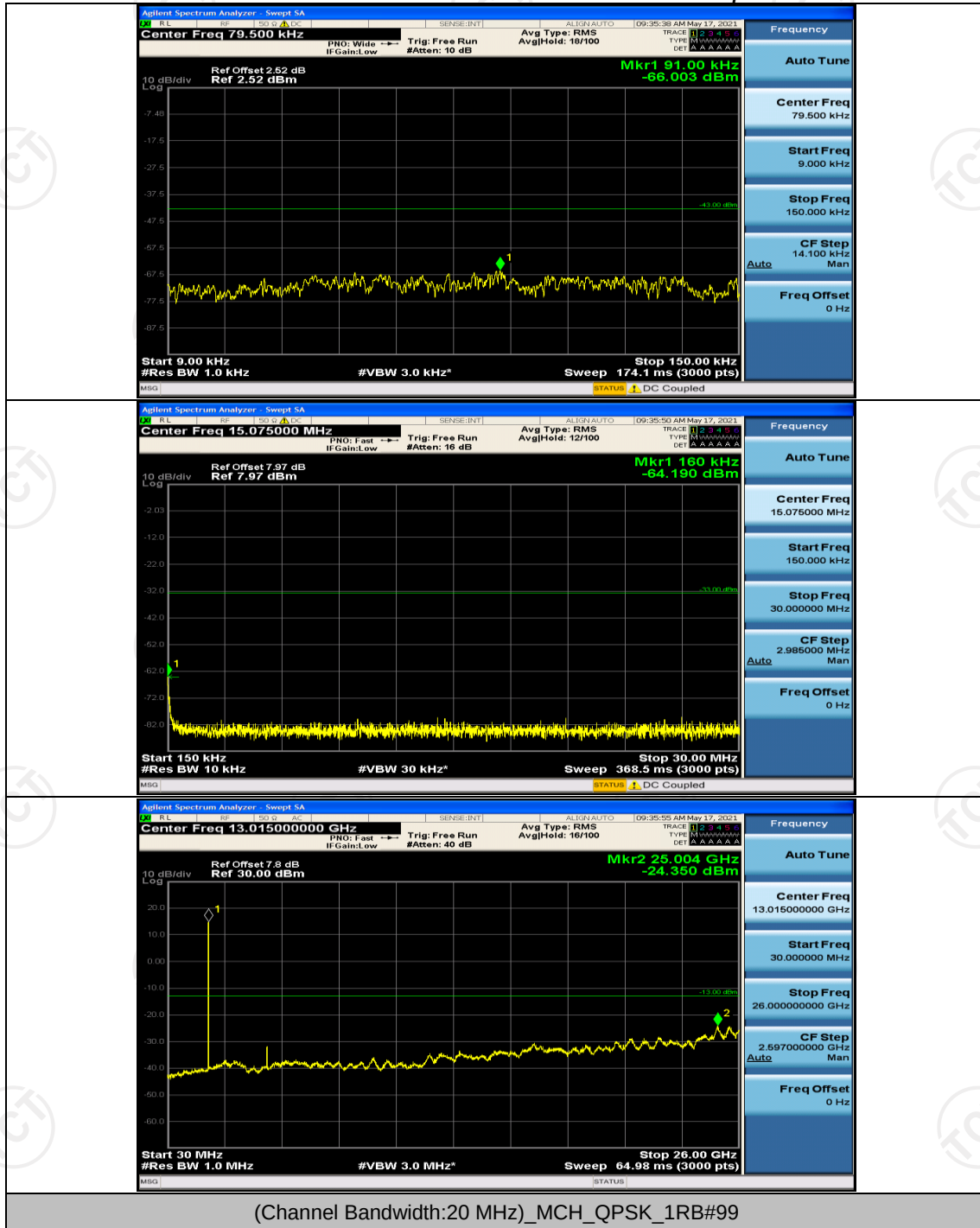


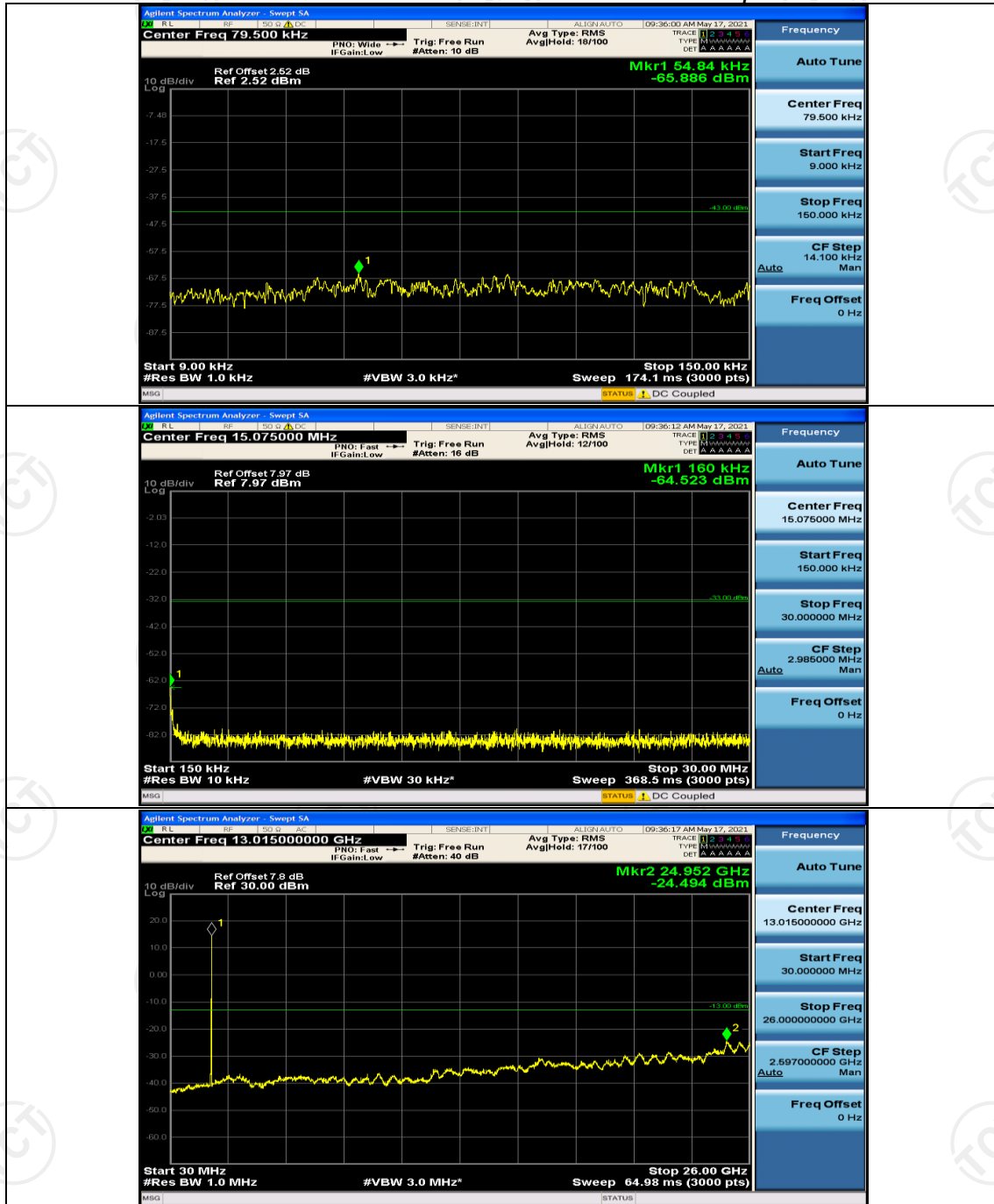




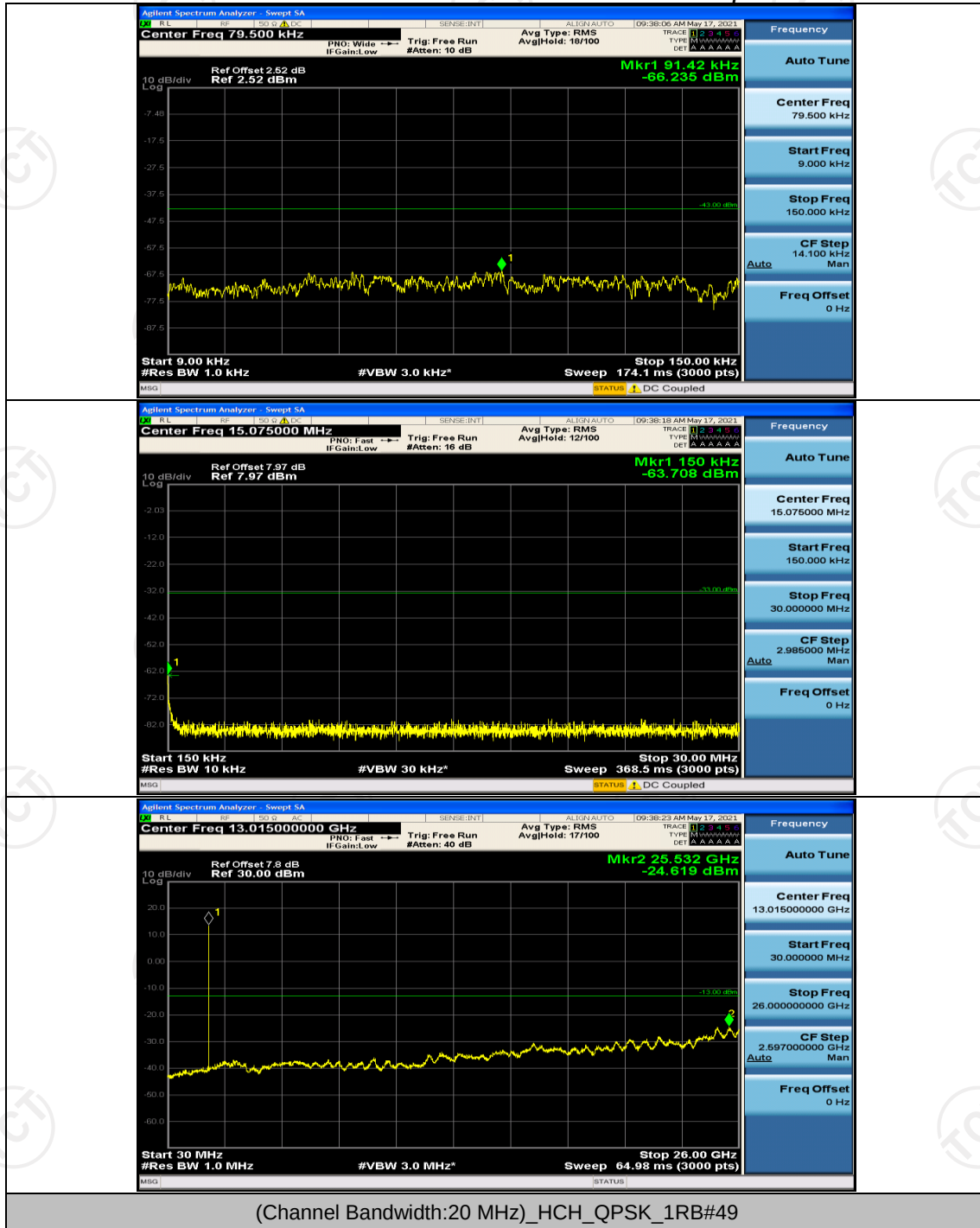
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0

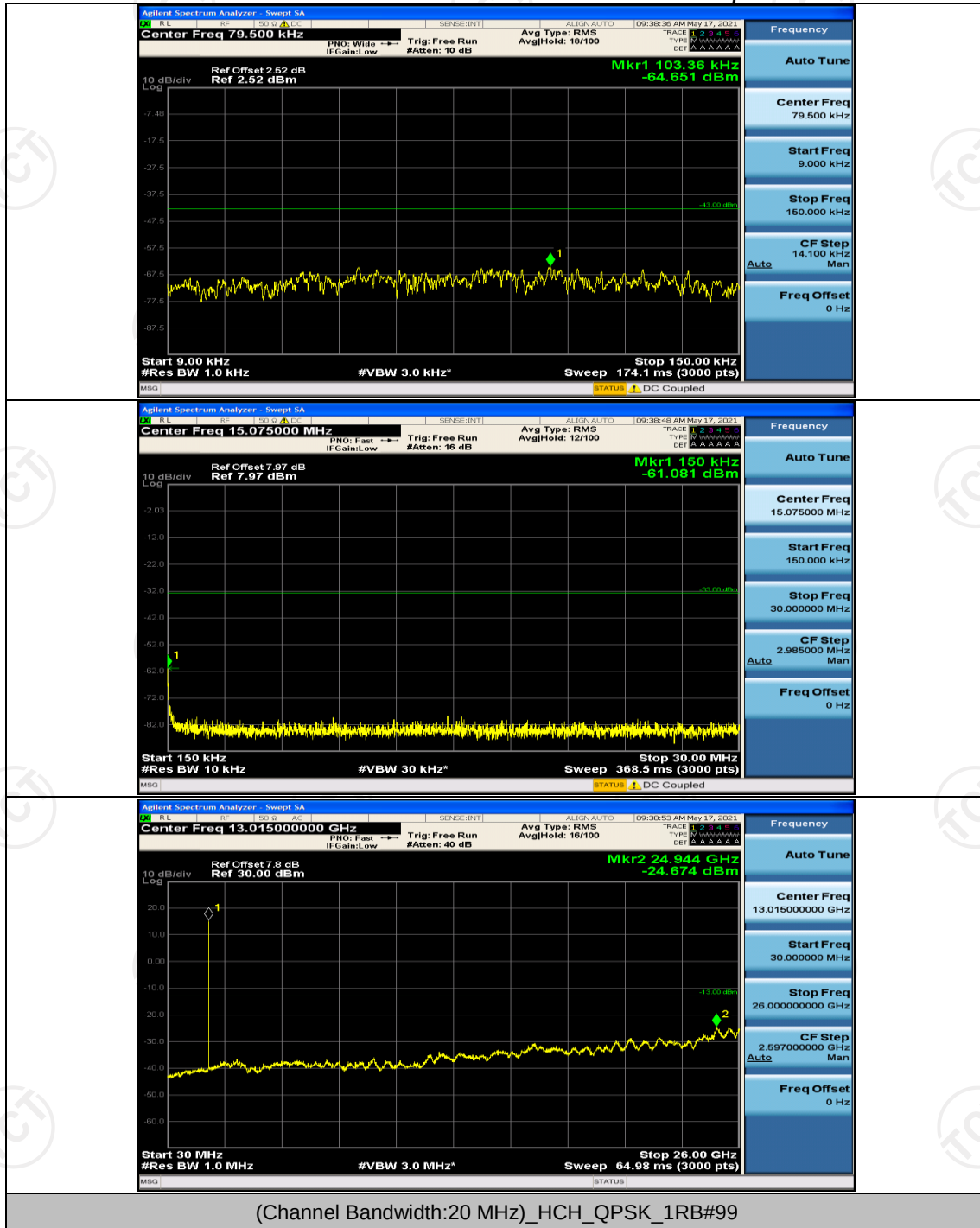


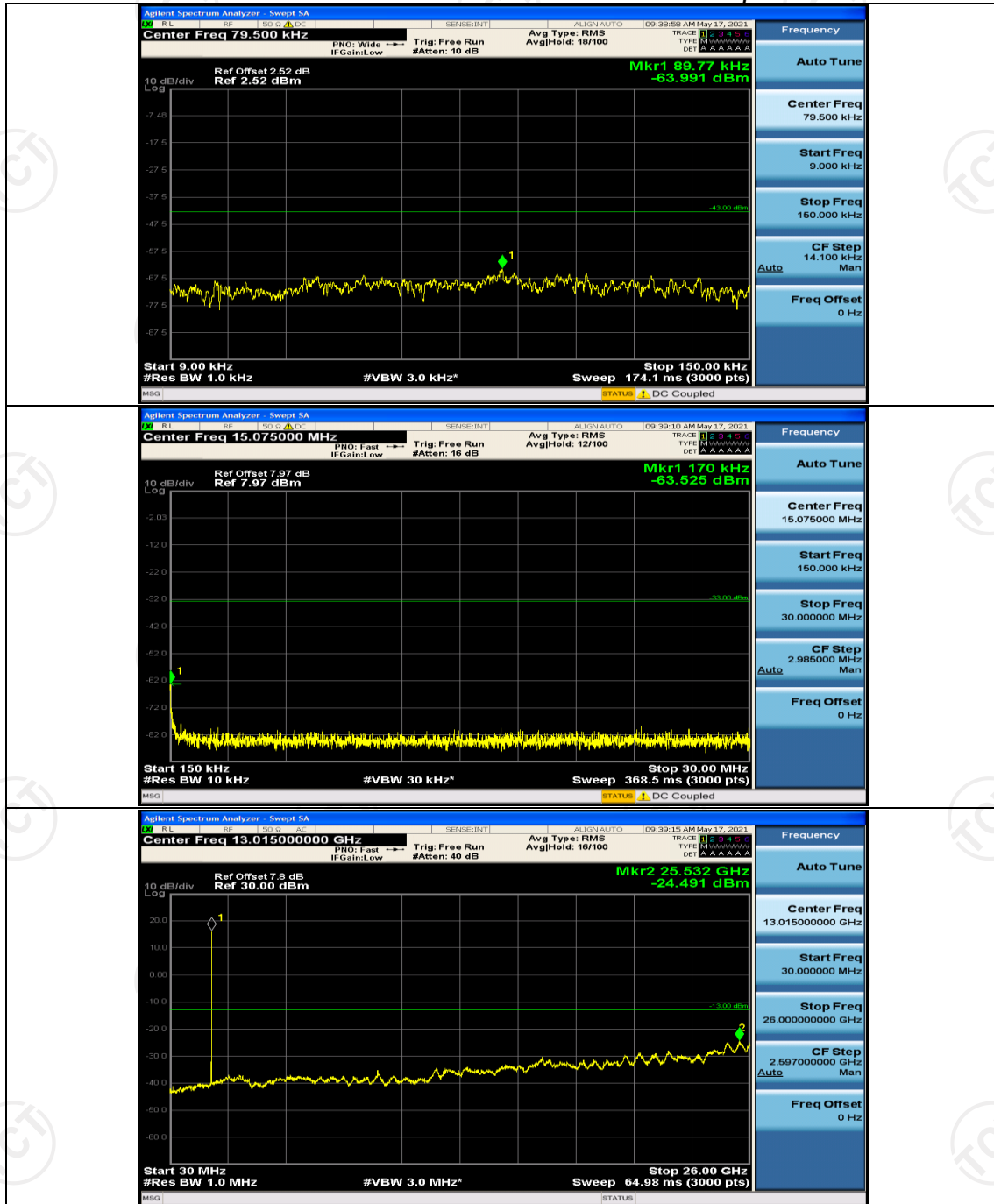




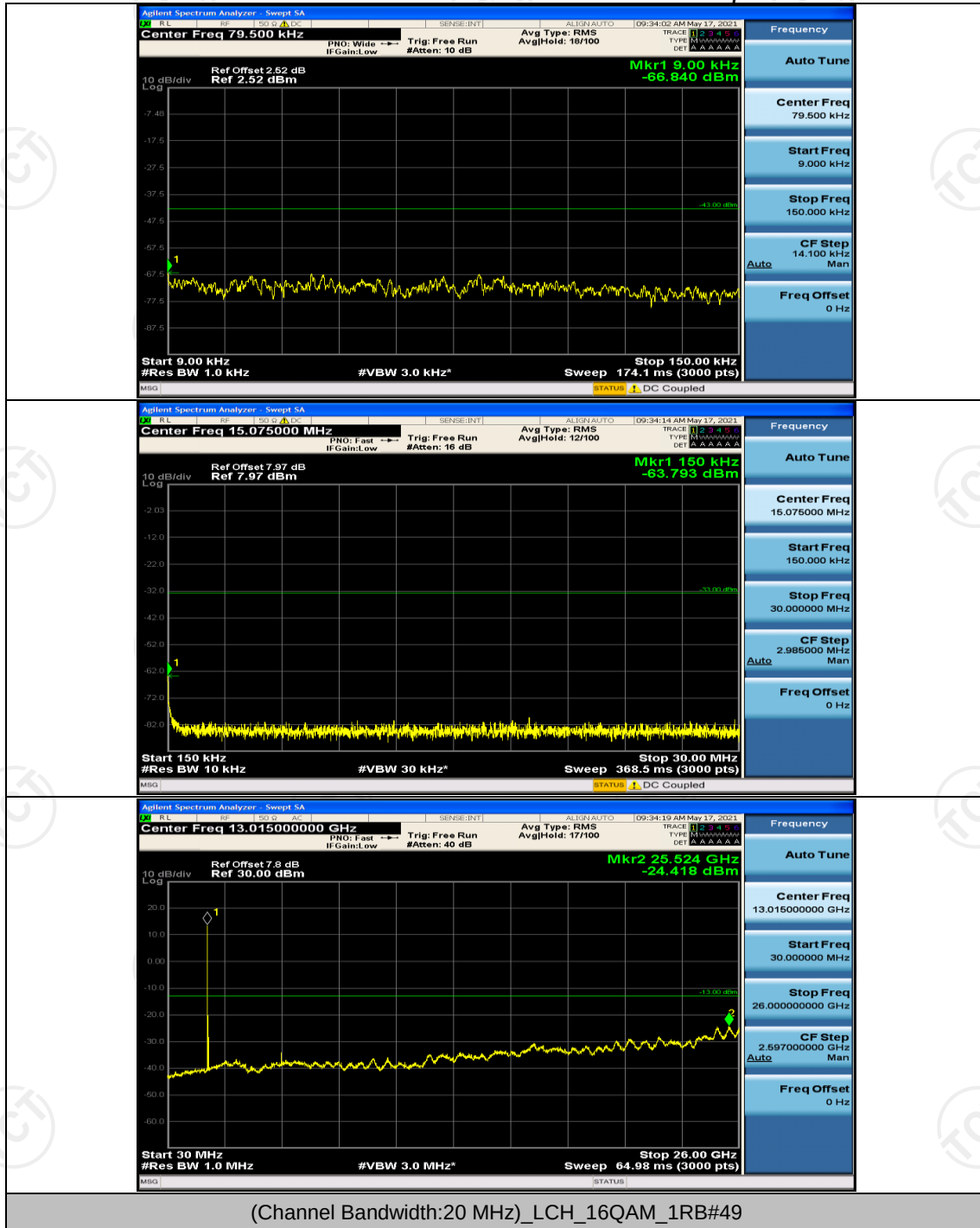
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0

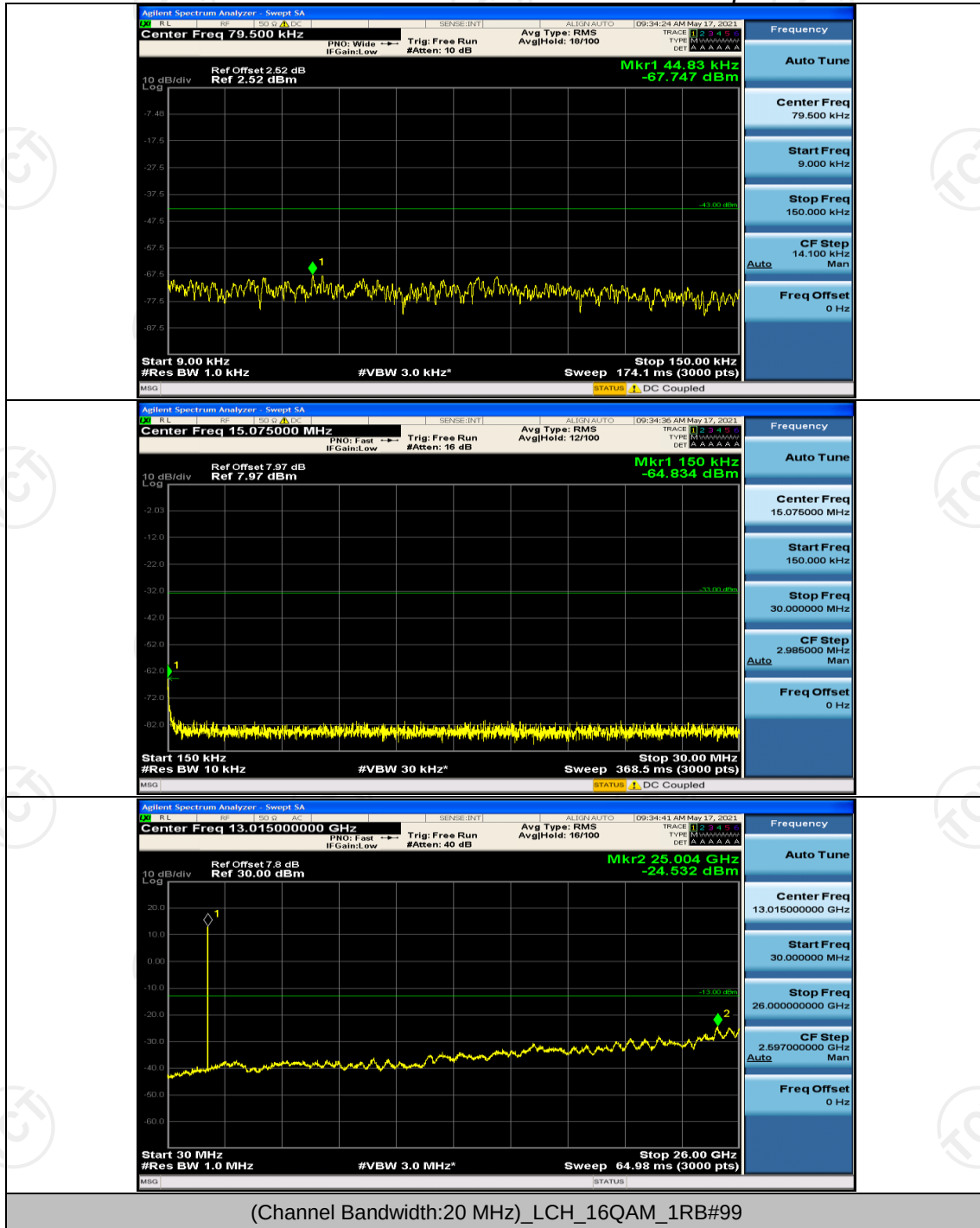


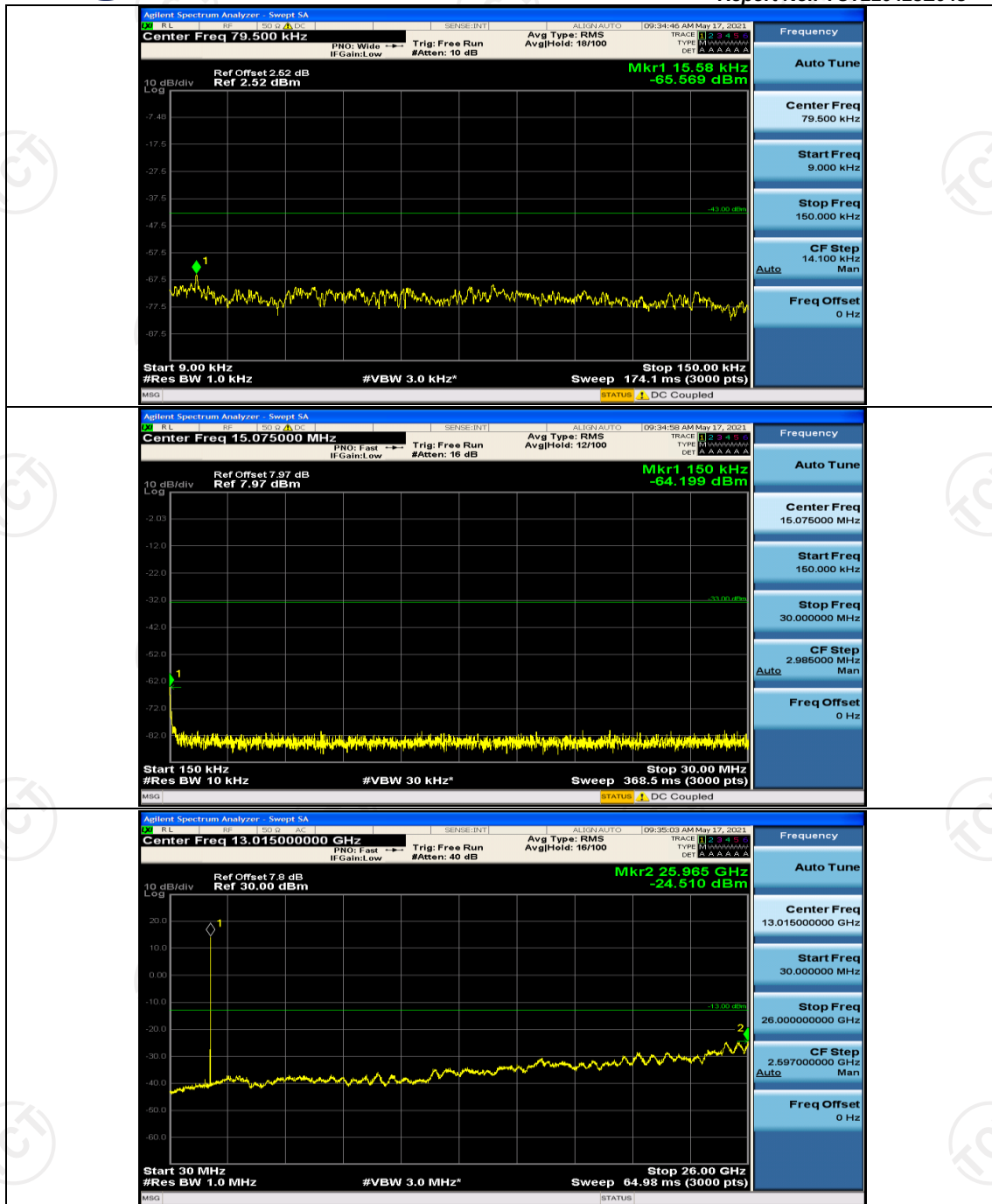




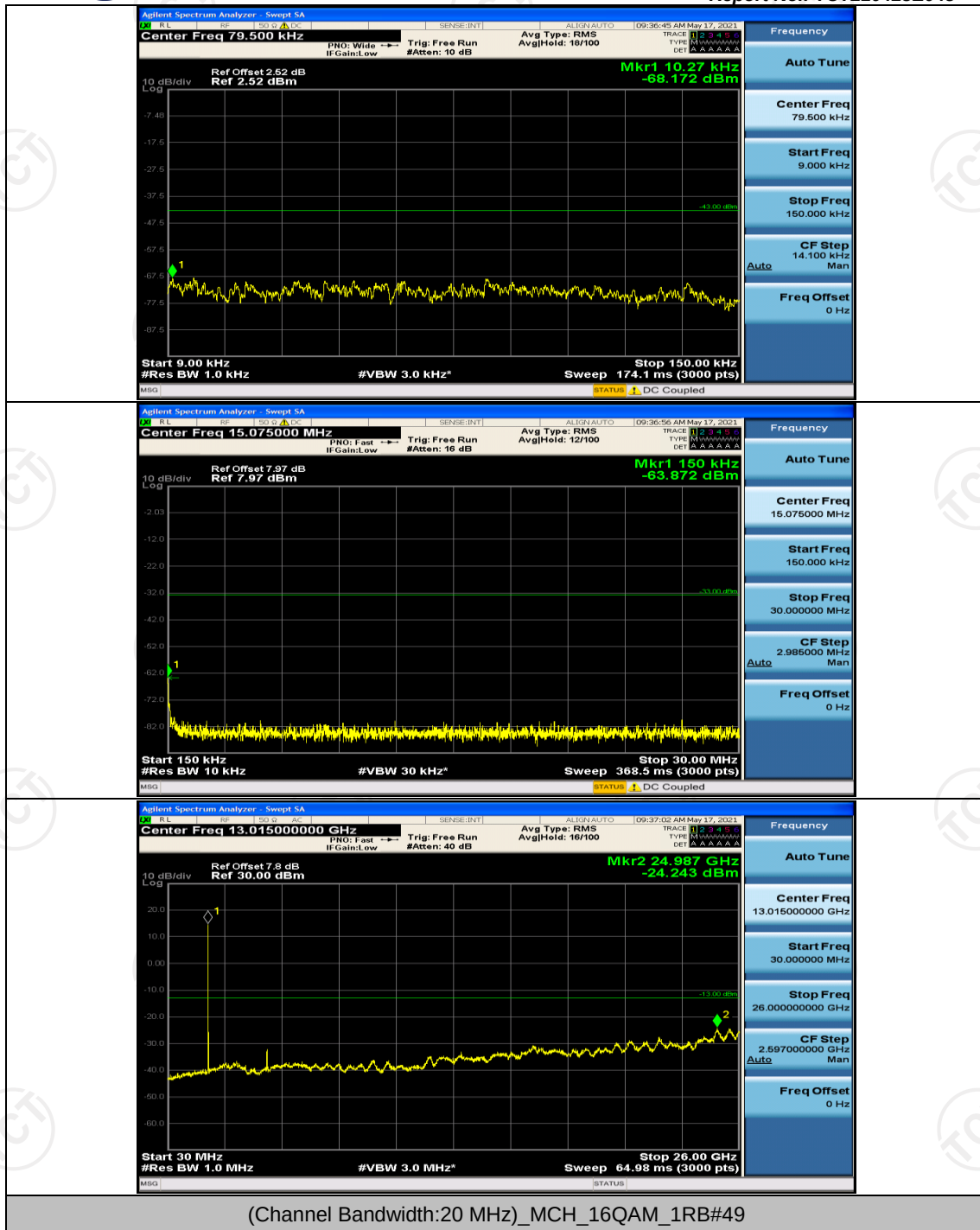
(Channel Bandwidth: 20 MHz)_LCH_16QAM_1RB#0

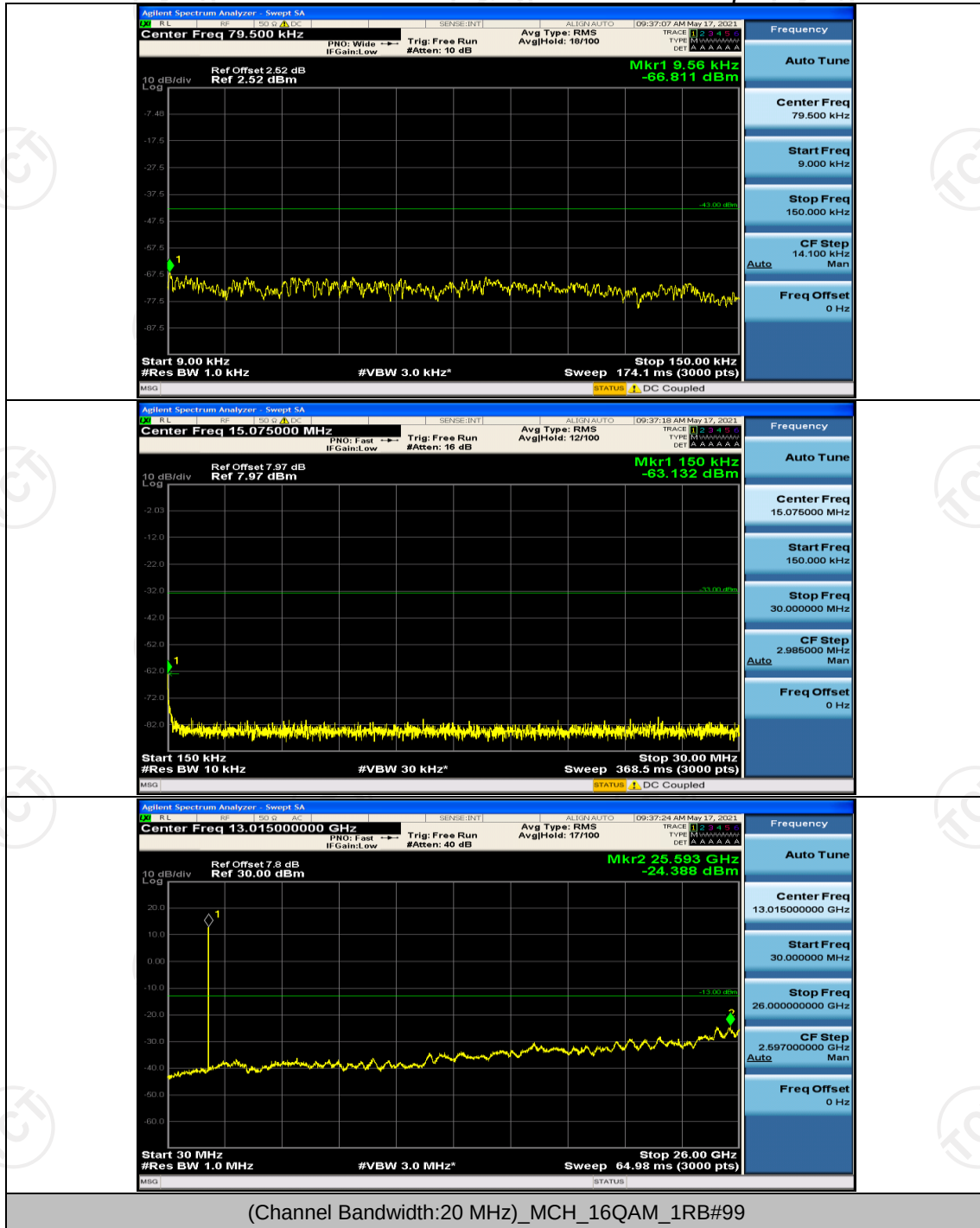


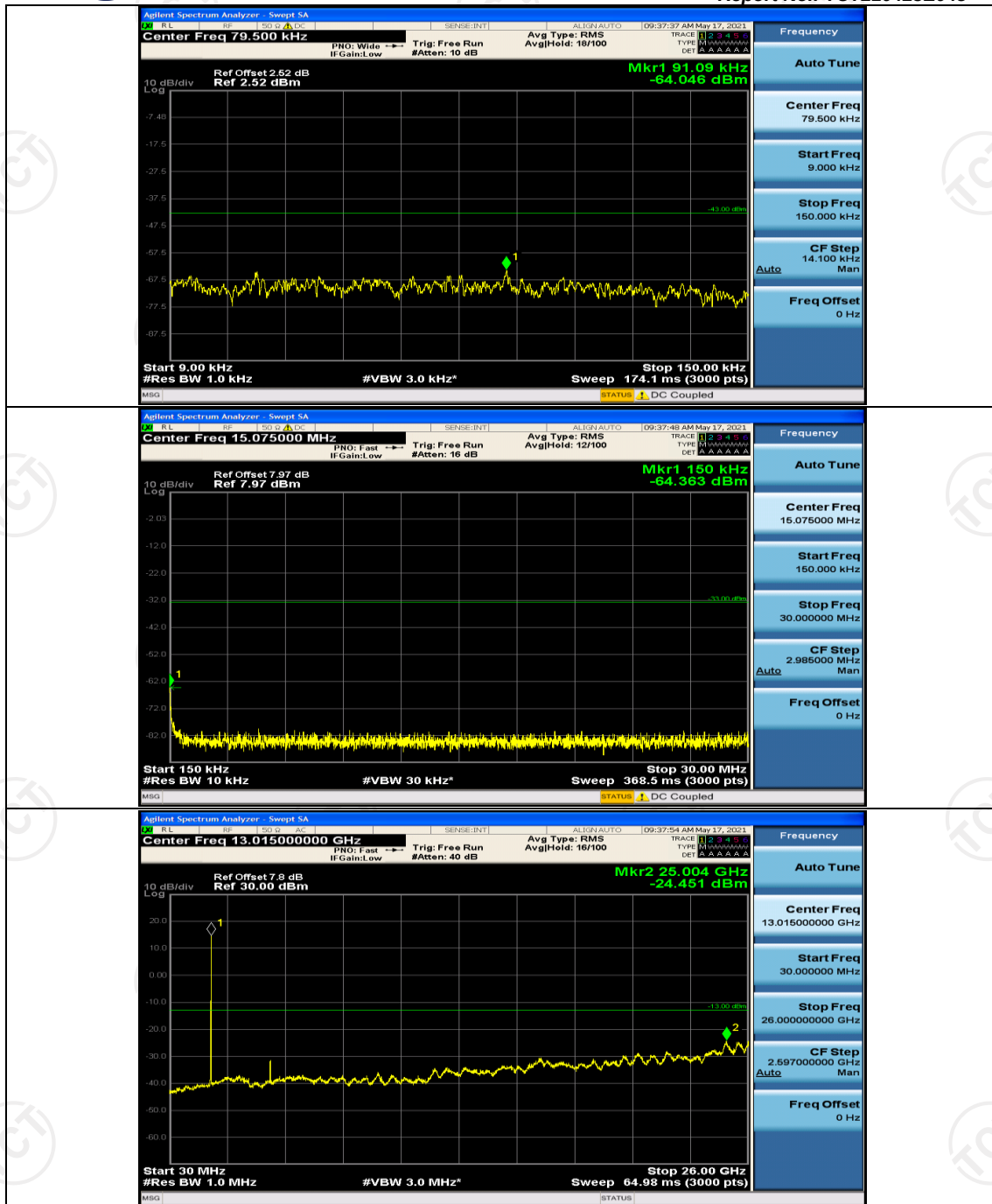




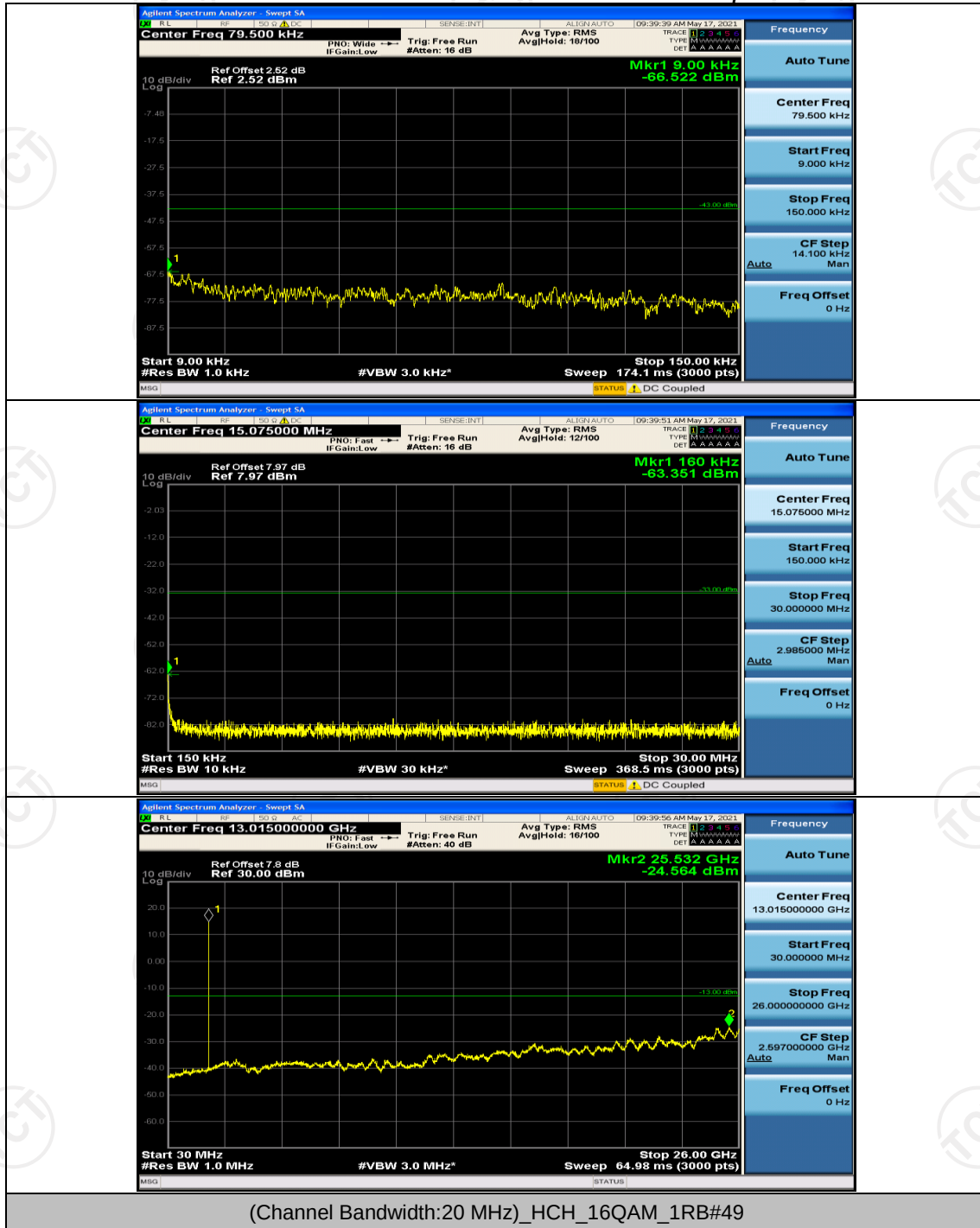
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0

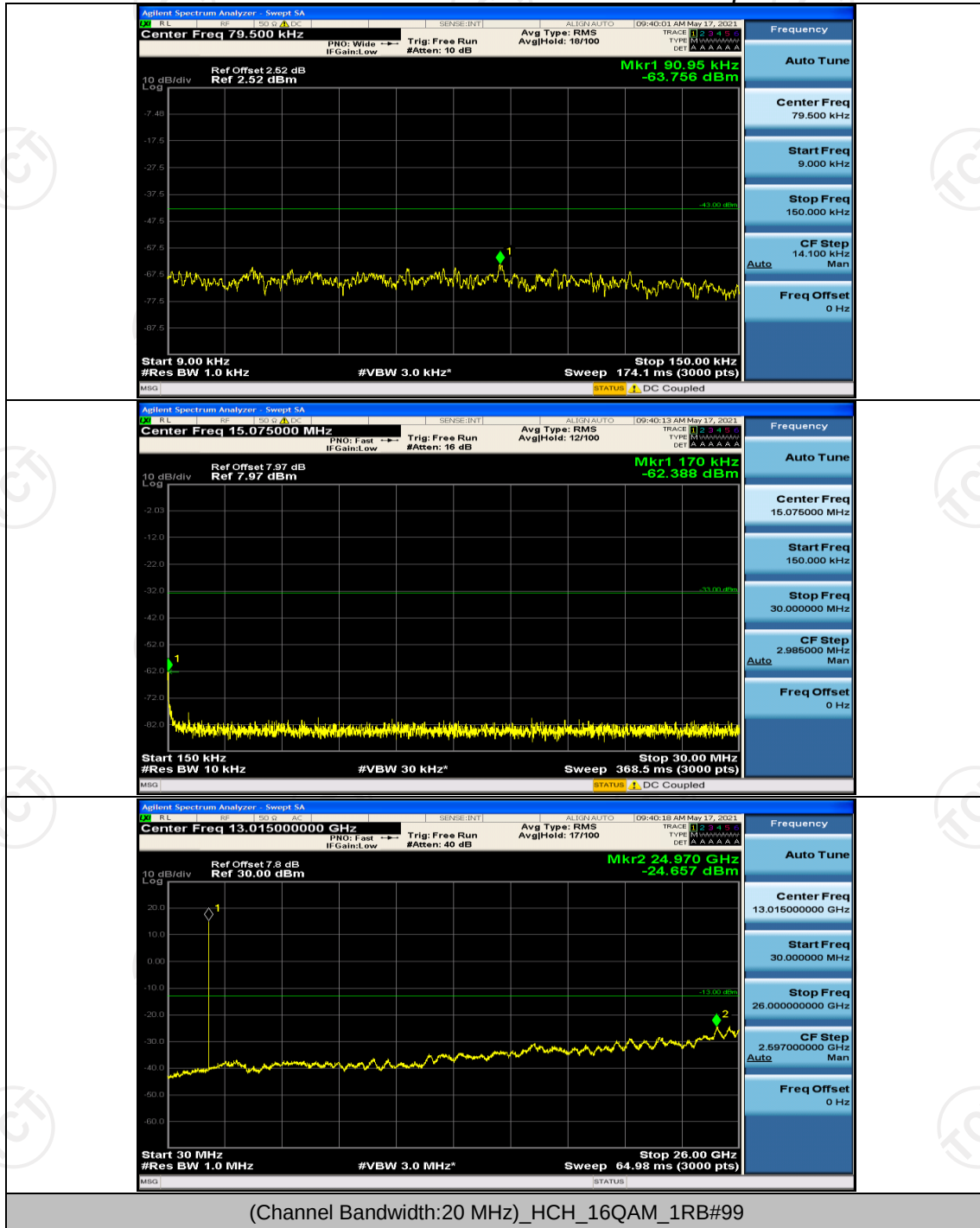


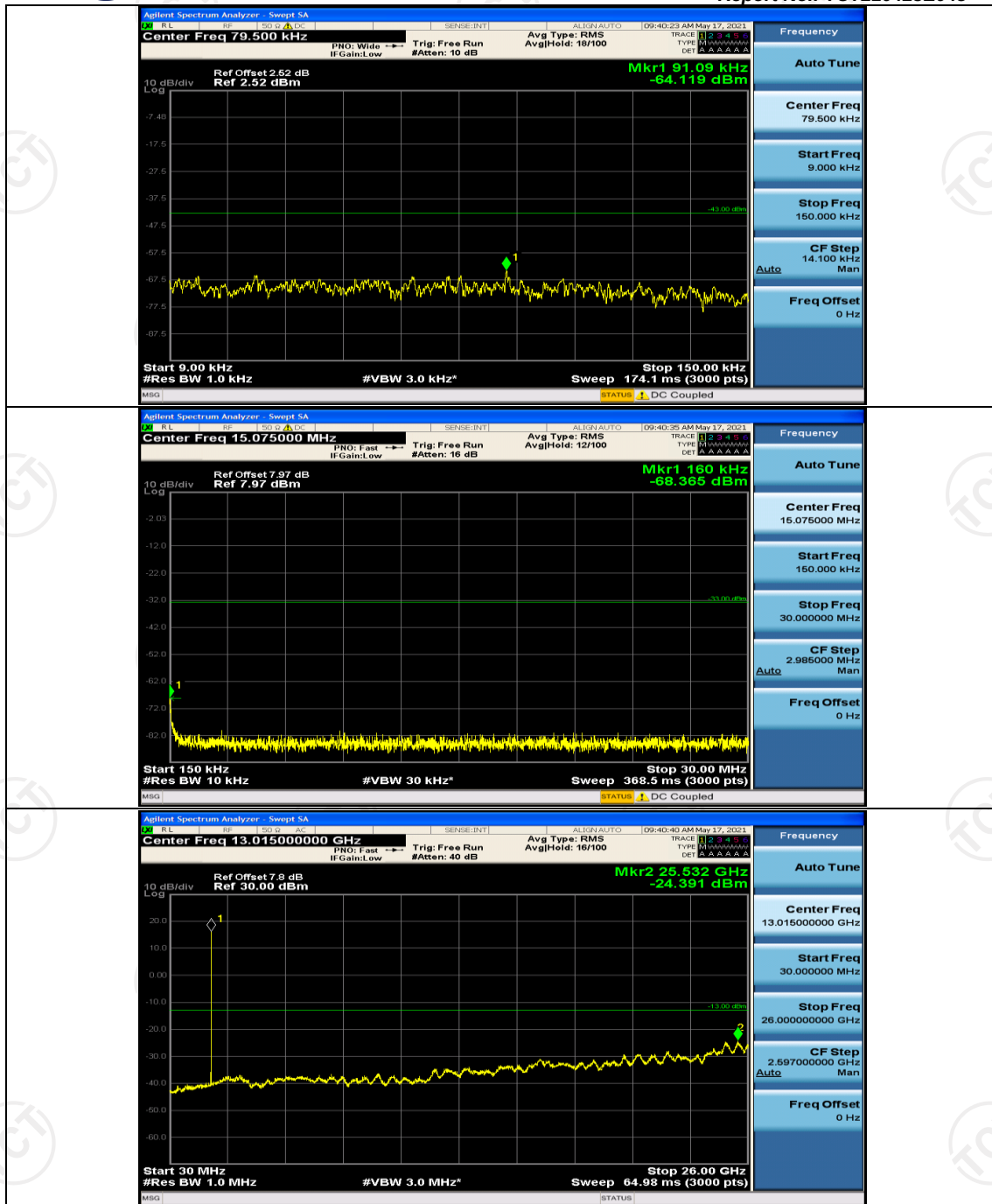




(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0







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	1.50	0.000877	± 2.5	PASS
		VN	TN	-2.20	-0.001190	± 2.5	PASS
		VH	TN	-1.12	-0.000644	± 2.5	PASS
	MCH	VL	TN	-2.95	-0.001682	± 2.5	PASS
		VN	TN	-3.18	-0.001689	± 2.5	PASS
		VH	TN	1.83	0.001069	± 2.5	PASS
	HCH	VL	TN	-0.03	-0.000017	± 2.5	PASS
		VN	TN	-1.27	-0.000667	± 2.5	PASS
		VH	TN	-2.36	-0.001347	± 2.5	PASS
16QAM	LCH	VL	TN	1.92	0.001119	± 2.5	PASS
		VN	TN	-2.99	-0.001615	± 2.5	PASS
		VH	TN	2.06	0.001203	± 2.5	PASS
	MCH	VL	TN	2.85	0.001662	± 2.5	PASS
		VN	TN	-2.76	-0.001469	± 2.5	PASS
		VH	TN	0.84	0.000493	± 2.5	PASS
	HCH	VL	TN	-0.19	-0.000107	± 2.5	PASS
		VN	TN	0.74	0.000390	± 2.5	PASS
		VH	TN	-1.83	-0.001057	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-0.72	-0.000413	± 2.5	PASS
		VN	-20	-0.24	-0.000140	± 2.5	PASS
		VN	-10	-1.77	-0.001012	± 2.5	PASS
		VN	0	-2.32	-0.001322	± 2.5	PASS
		VN	10	-1.76	-0.001004	± 2.5	PASS
		VN	20	-2.26	-0.001221	± 2.5	PASS
		VN	30	-3.15	-0.001701	± 2.5	PASS
		VN	40	-2.65	-0.001430	± 2.5	PASS
		VN	50	-1.67	-0.000904	± 2.5	PASS
	MCH	VN	-30	-3.28	-0.001869	± 2.5	PASS
		VN	-20	2.98	0.001737	± 2.5	PASS
		VN	-10	2.66	0.001554	± 2.5	PASS
		VN	0	2.53	0.001479	± 2.5	PASS
		VN	10	2.13	0.001245	± 2.5	PASS
		VN	20	-3.76	-0.002001	± 2.5	PASS

		VN	30	-4.05	-0.002153	± 2.5	PASS
		VN	40	-2.93	-0.001560	± 2.5	PASS
		VN	50	-2.80	-0.001491	± 2.5	PASS
	HCH	VN	-30	0.09	0.000050	± 2.5	PASS
		VN	-20	0.07	0.000041	± 2.5	PASS
		VN	-10	1.49	0.000859	± 2.5	PASS
		VN	0	1.03	0.000594	± 2.5	PASS
		VN	10	-1.73	-0.000988	± 2.5	PASS
		VN	20	0.33	0.000172	± 2.5	PASS
		VN	30	0.47	0.000247	± 2.5	PASS
		VN	40	0.80	0.000420	± 2.5	PASS
		VN	50	-0.14	-0.000075	± 2.5	PASS
16QAM	LCH	VN	-30	-2.43	-0.001388	± 2.5	PASS
		VN	-20	-2.57	-0.001469	± 2.5	PASS
		VN	-10	-0.74	-0.000424	± 2.5	PASS
		VN	0	-2.82	-0.001643	± 2.5	PASS
		VN	10	-0.41	-0.000239	± 2.5	PASS
		VN	20	-3.20	-0.001731	± 2.5	PASS
		VN	30	-1.37	-0.000742	± 2.5	PASS
		VN	40	-1.63	-0.000881	± 2.5	PASS
		VN	50	-1.67	-0.000904	± 2.5	PASS
	MCH	VN	-30	2.70	0.001545	± 2.5	PASS
		VN	-20	-3.33	-0.001943	± 2.5	PASS
		VN	-10	1.26	0.000727	± 2.5	PASS
		VN	0	2.10	0.001202	± 2.5	PASS
		VN	10	-2.15	-0.001251	± 2.5	PASS
		VN	20	-4.21	-0.002237	± 2.5	PASS
		VN	30	-4.42	-0.002351	± 2.5	PASS
		VN	40	-4.42	-0.002351	± 2.5	PASS
		VN	50	-4.31	-0.002290	± 2.5	PASS
	HCH	VN	-30	-3.13	-0.001827	± 2.5	PASS
		VN	-20	-2.75	-0.001602	± 2.5	PASS
		VN	-10	-1.95	-0.001134	± 2.5	PASS
		VN	0	-0.63	-0.000363	± 2.5	PASS
		VN	10	0.11	0.000066	± 2.5	PASS
		VN	20	-0.49	-0.000255	± 2.5	PASS
		VN	30	0.47	0.000247	± 2.5	PASS
		VN	40	-1.32	-0.000689	± 2.5	PASS
		VN	50	0.82	0.000427	± 2.5	PASS