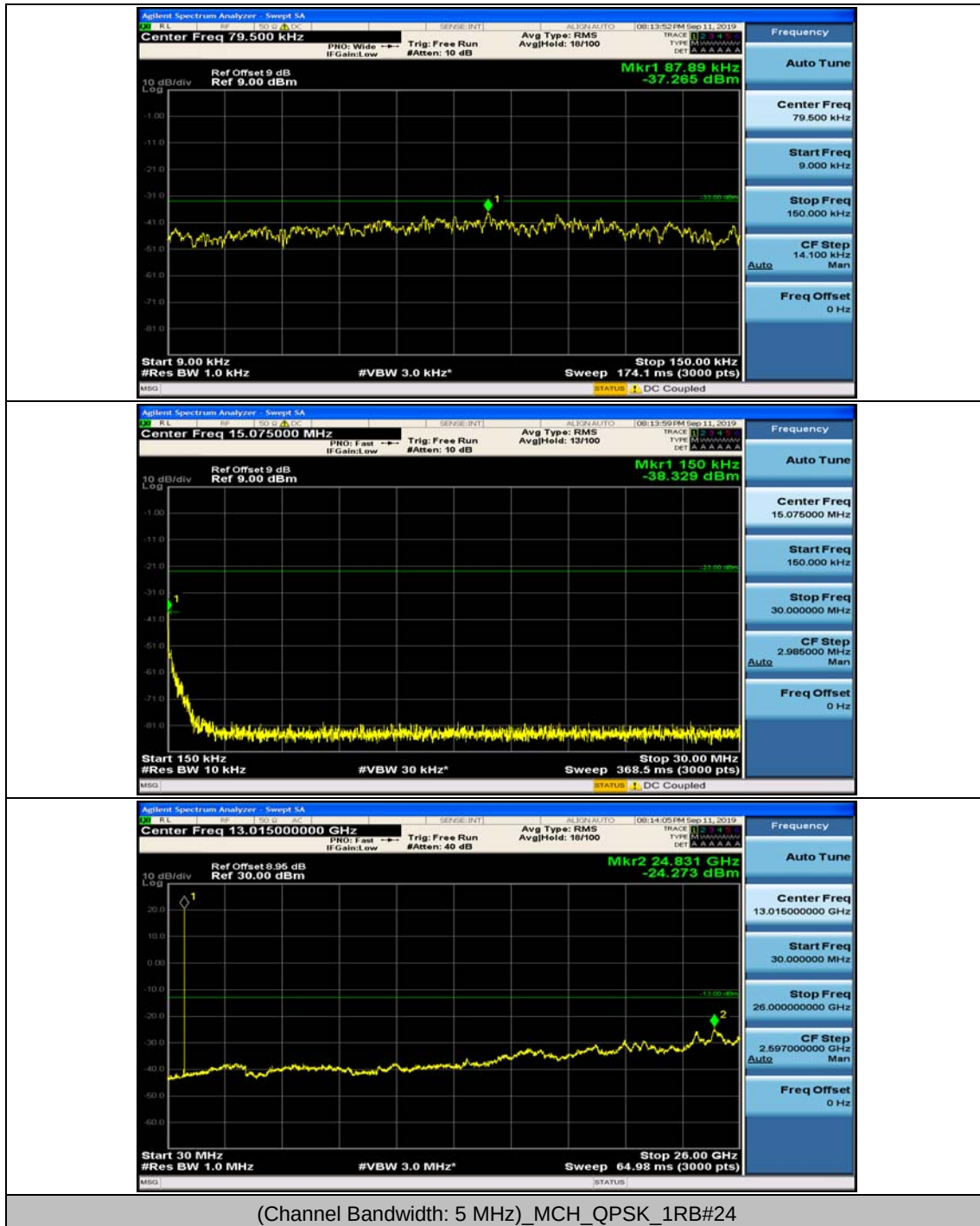
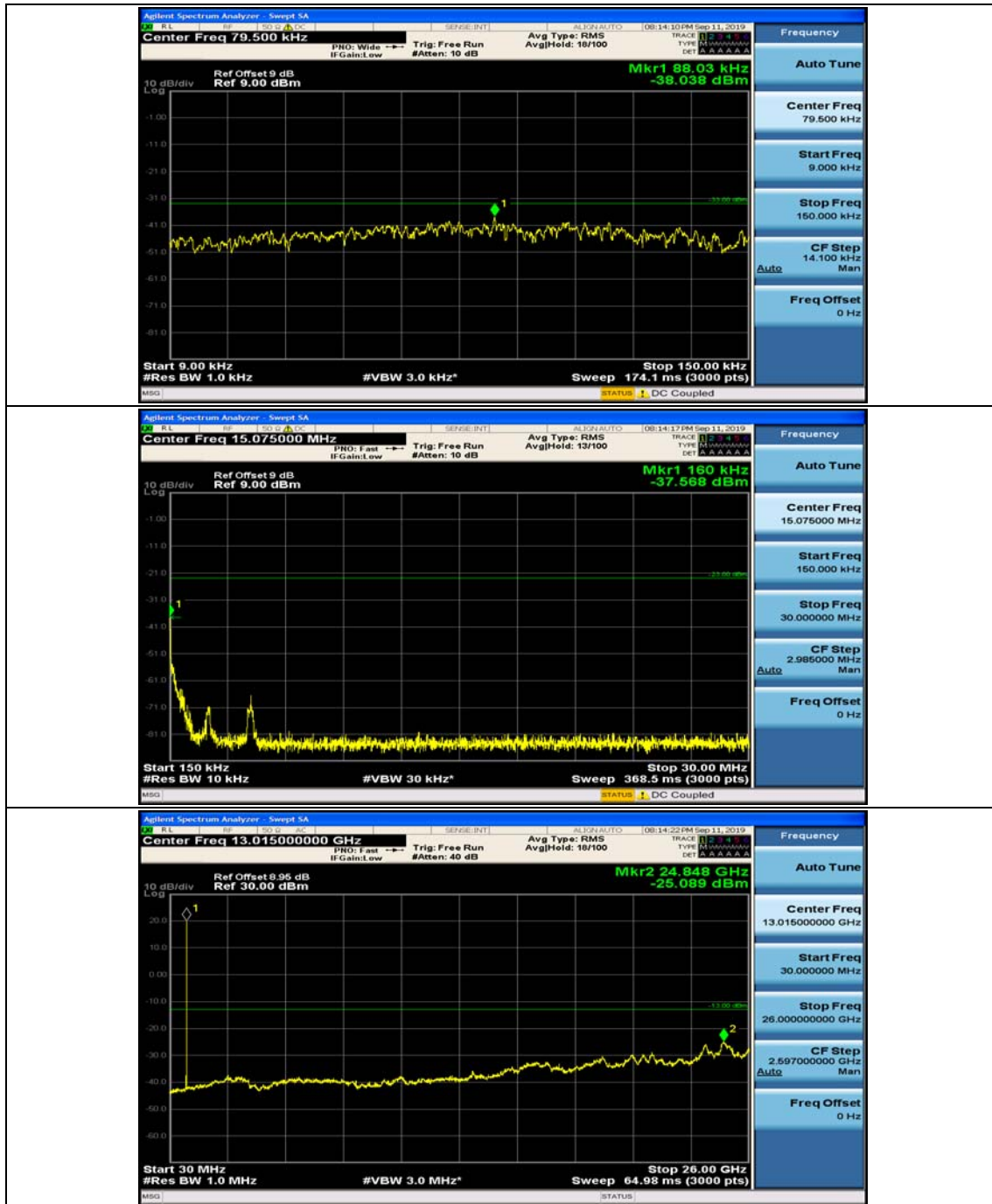
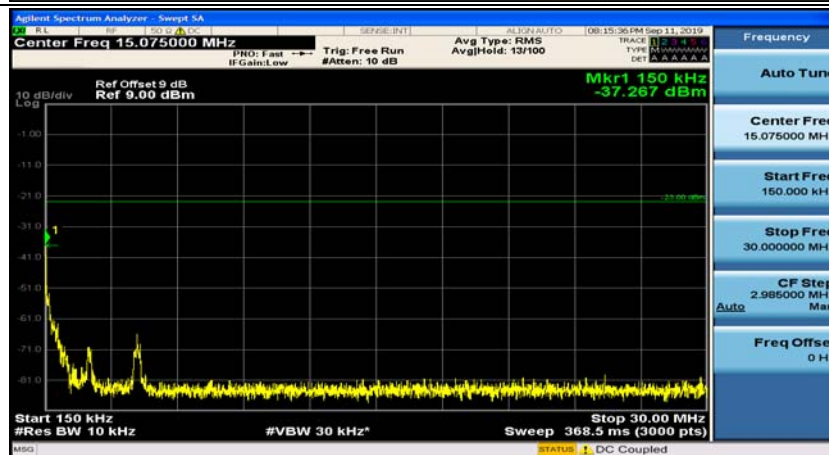
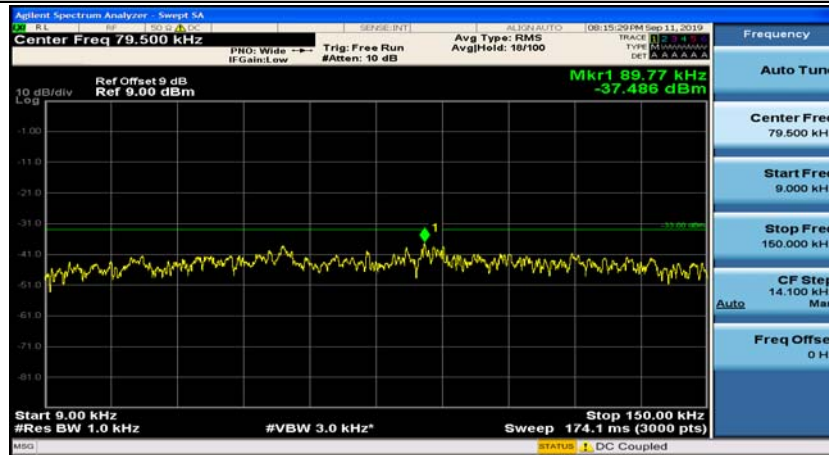


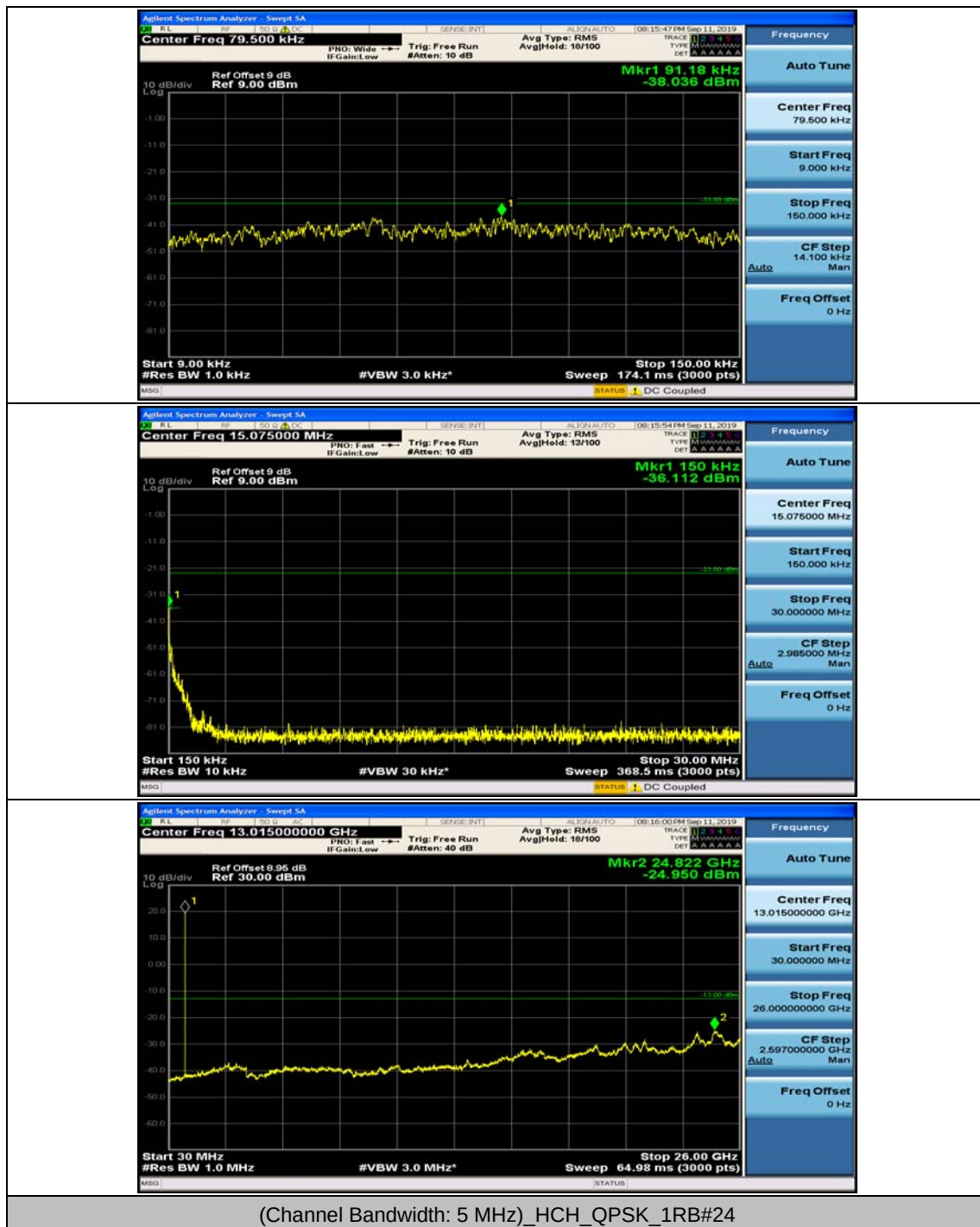


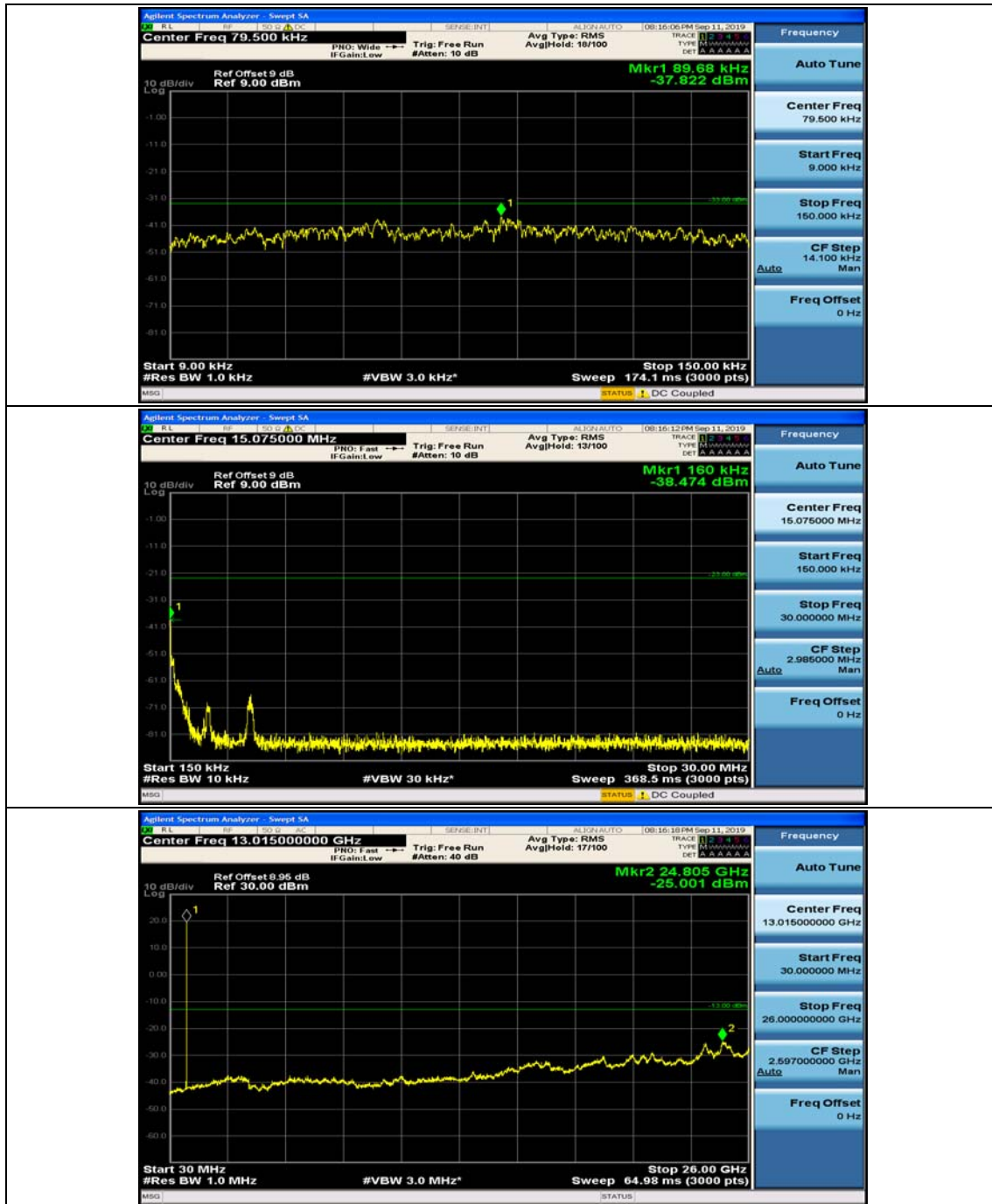


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

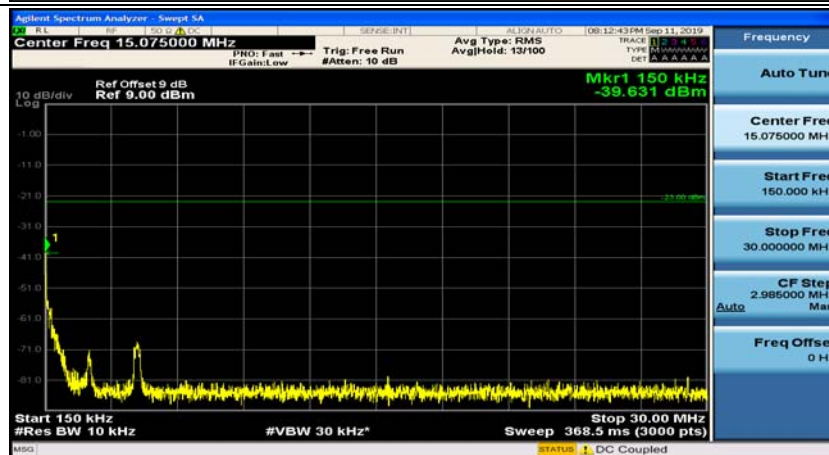


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

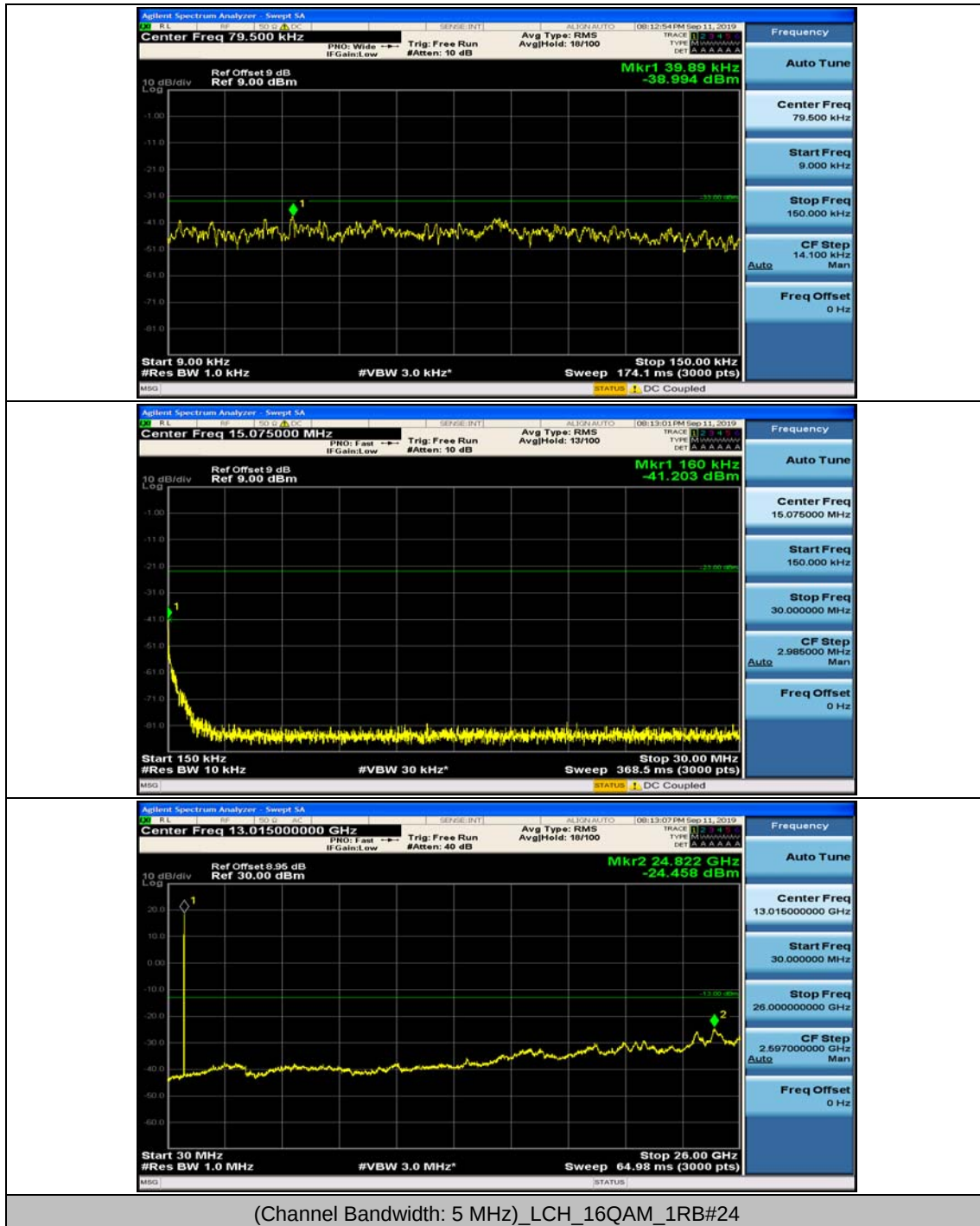


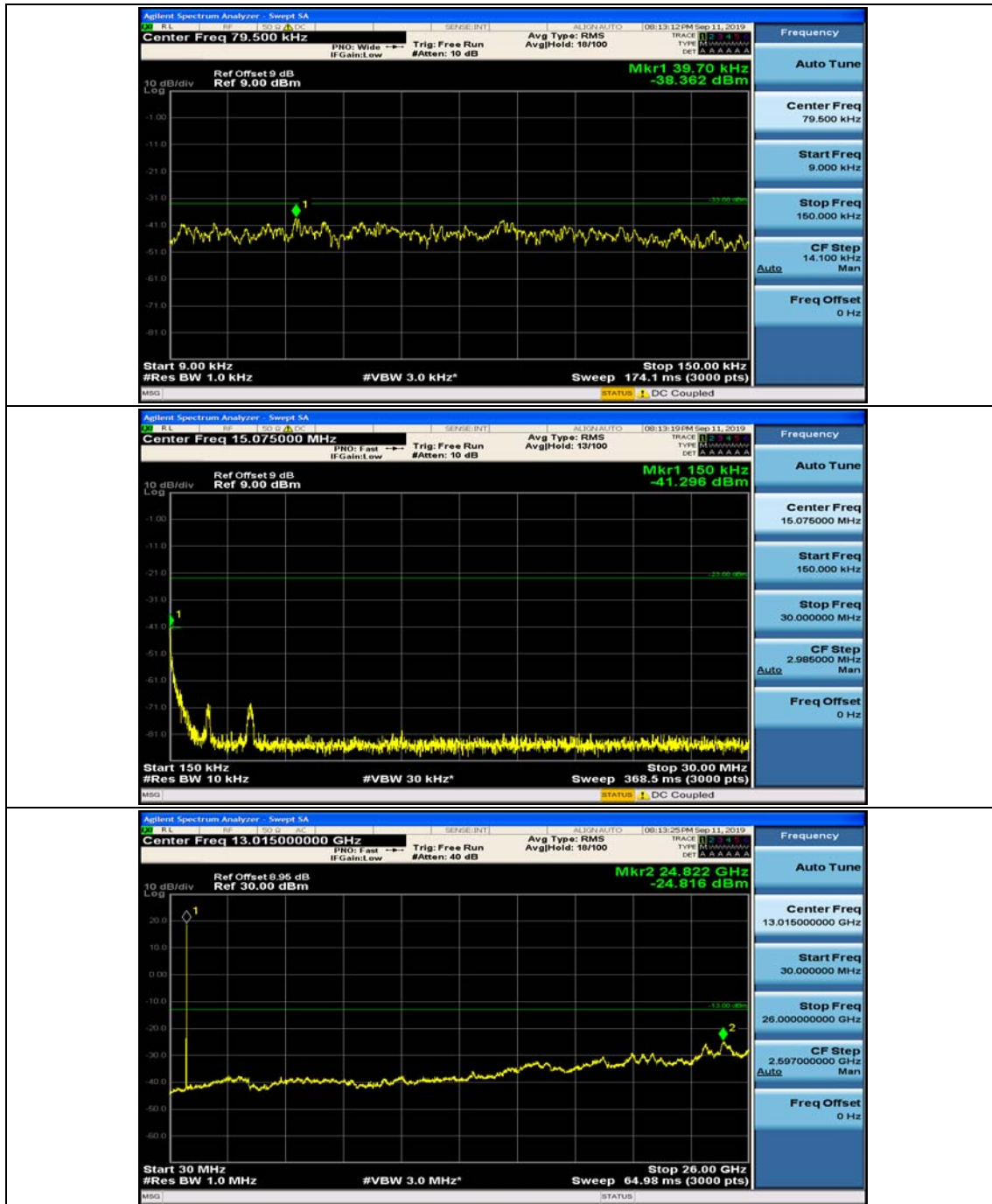


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

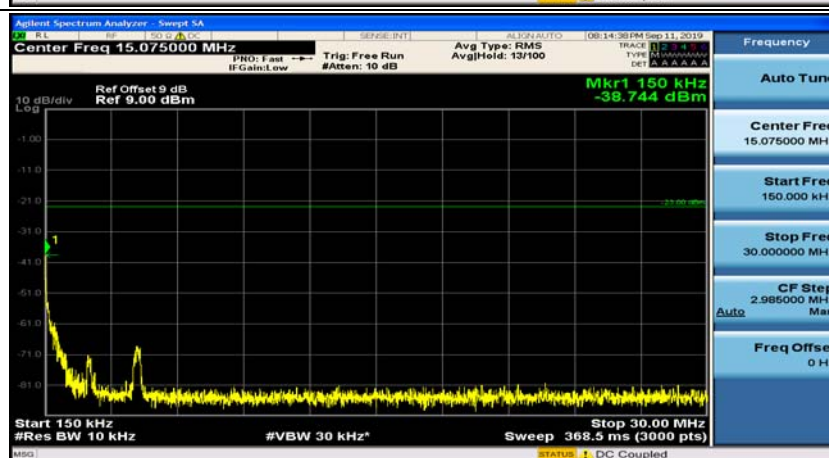
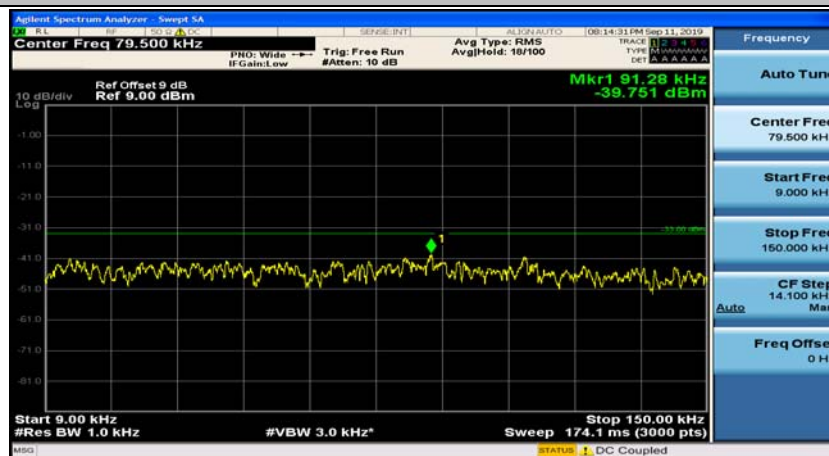


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12

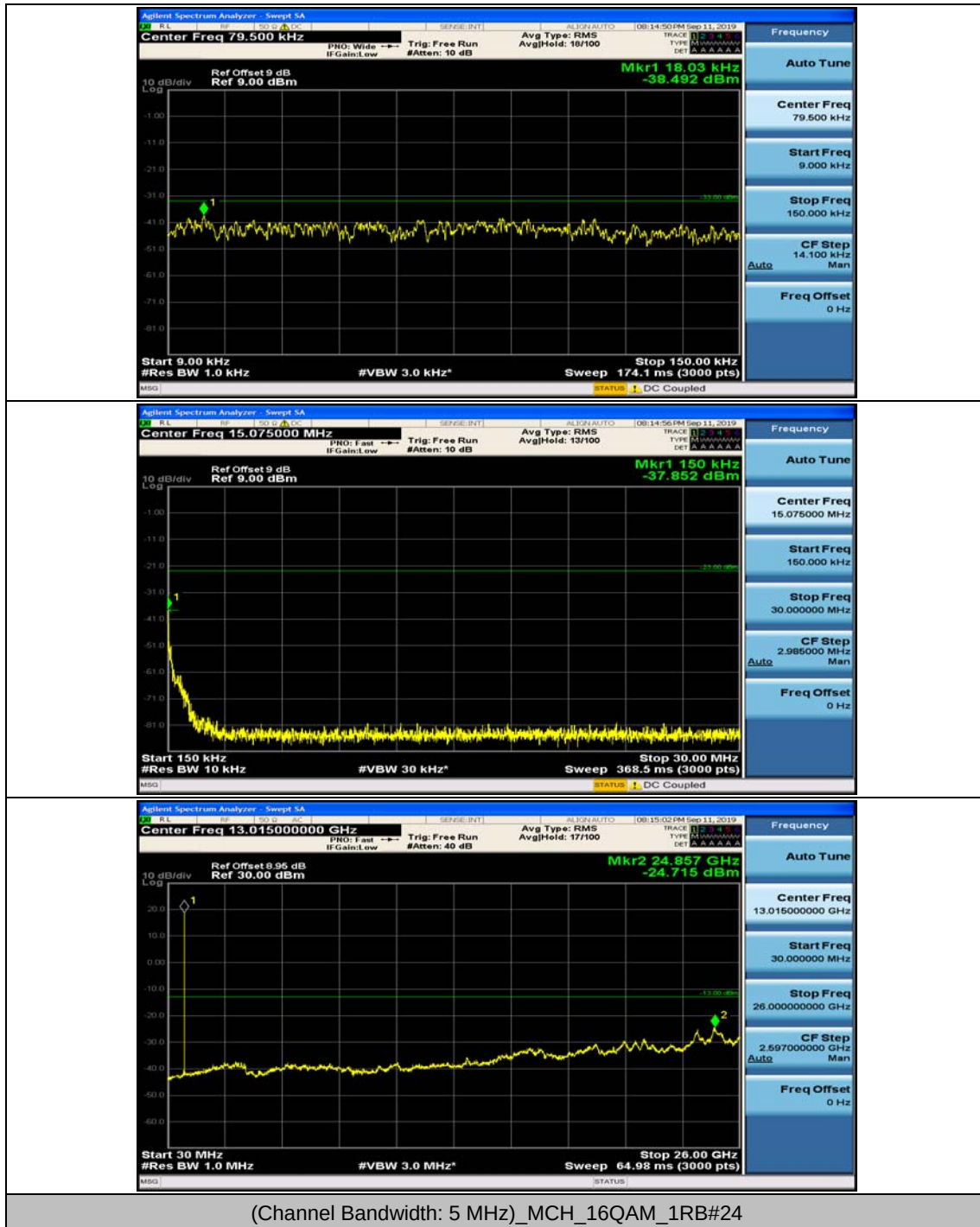


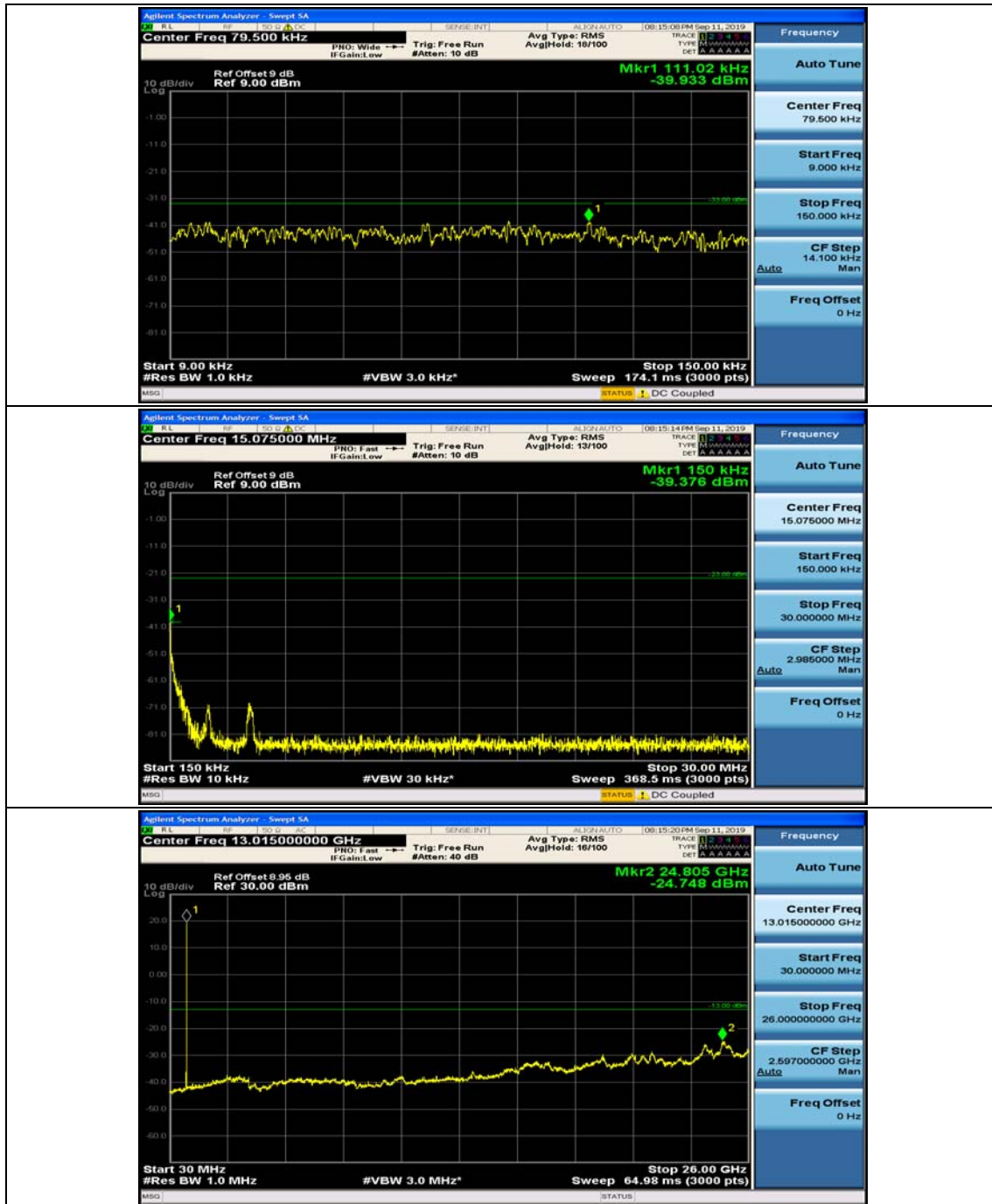


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

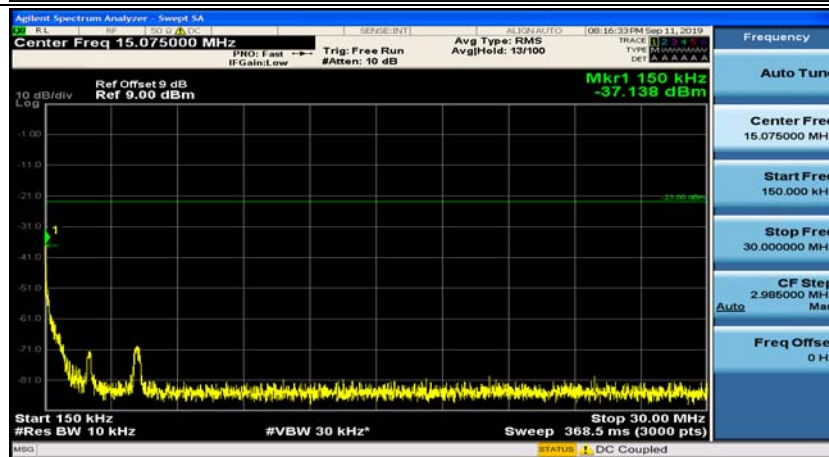
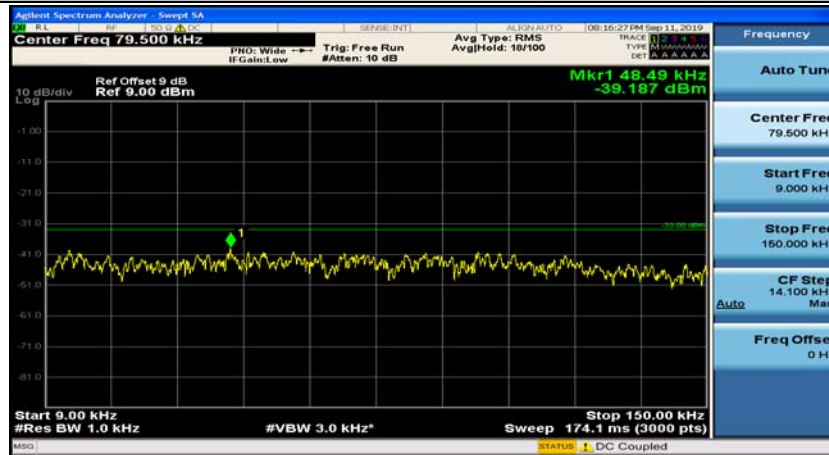


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12

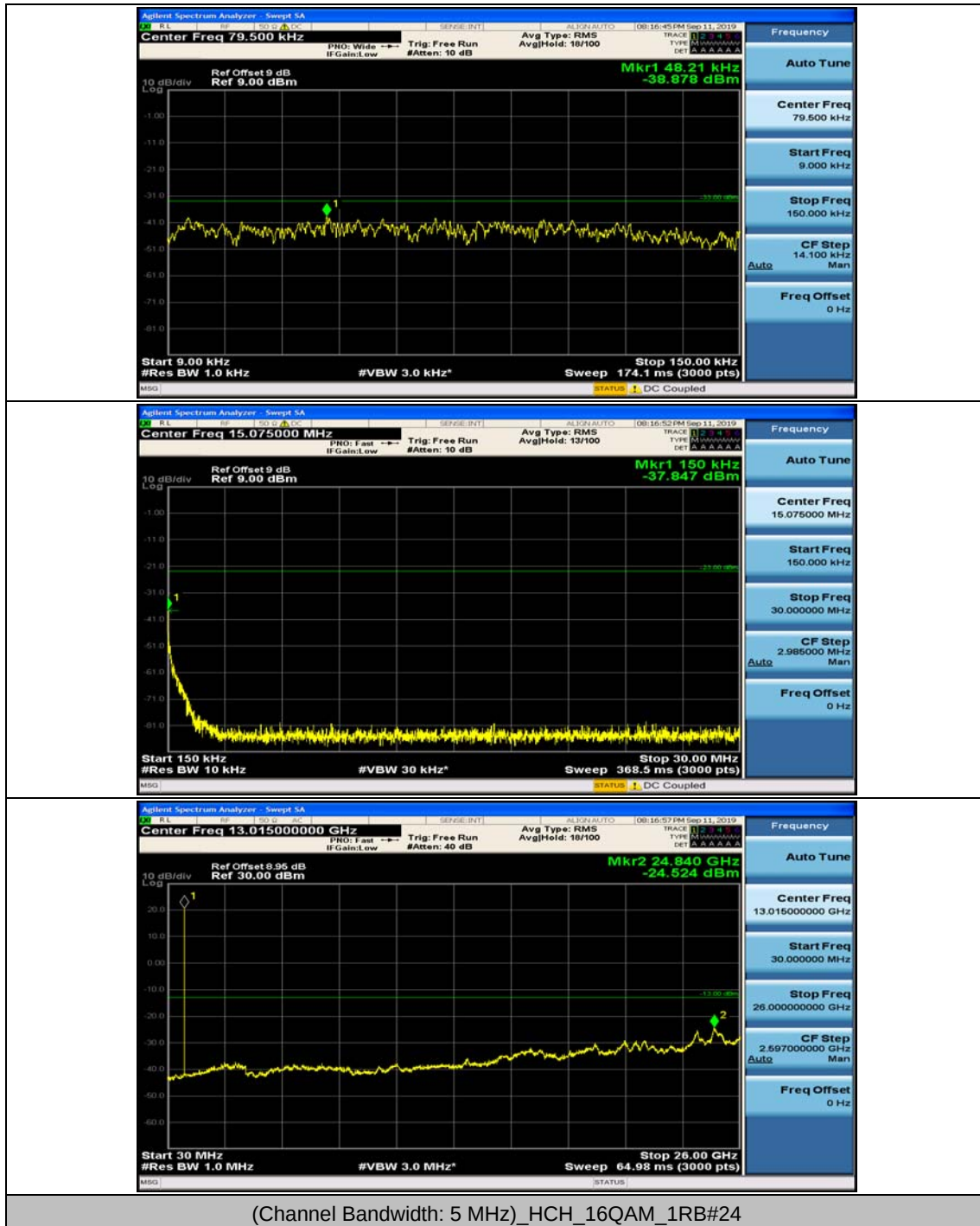


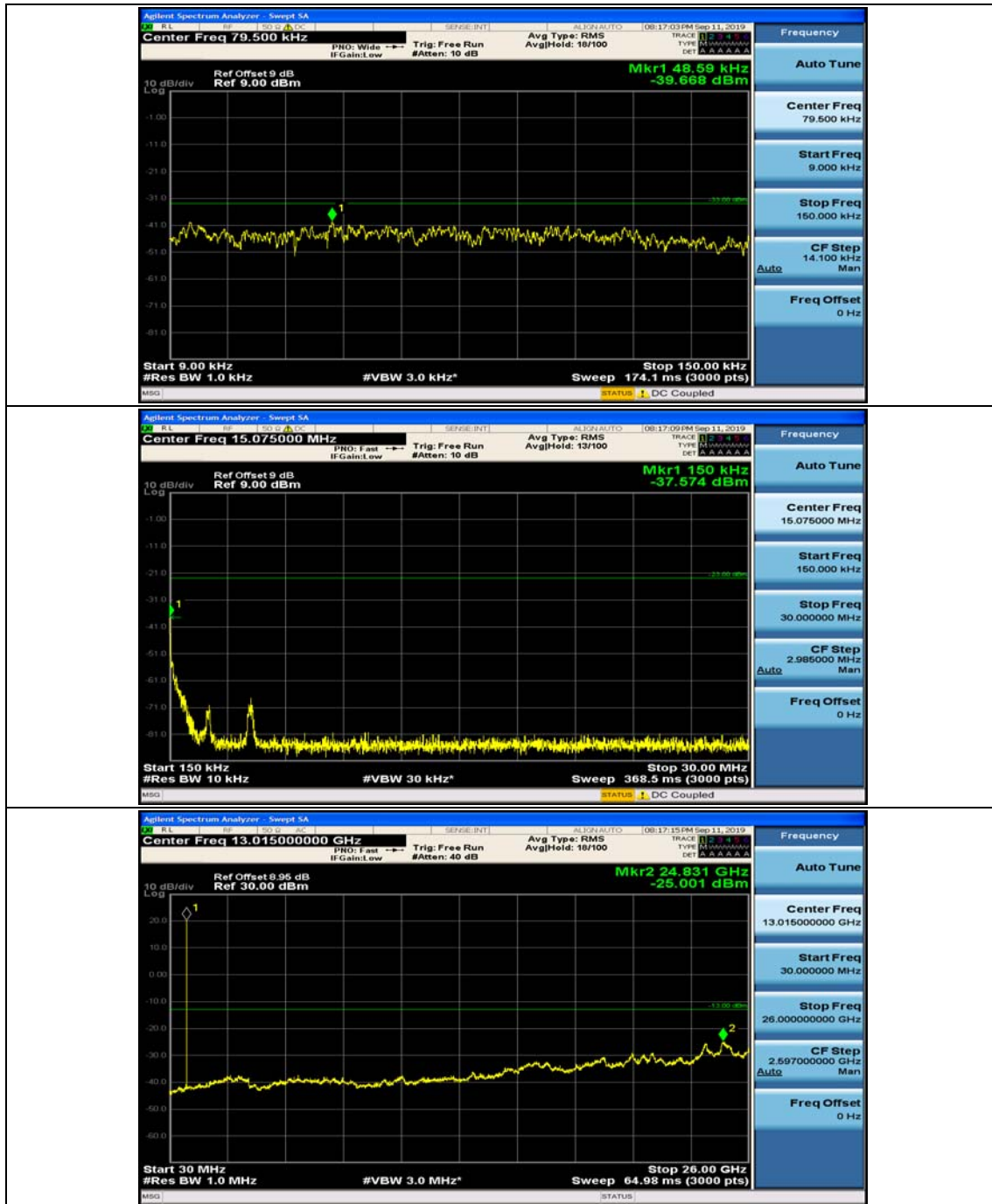


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

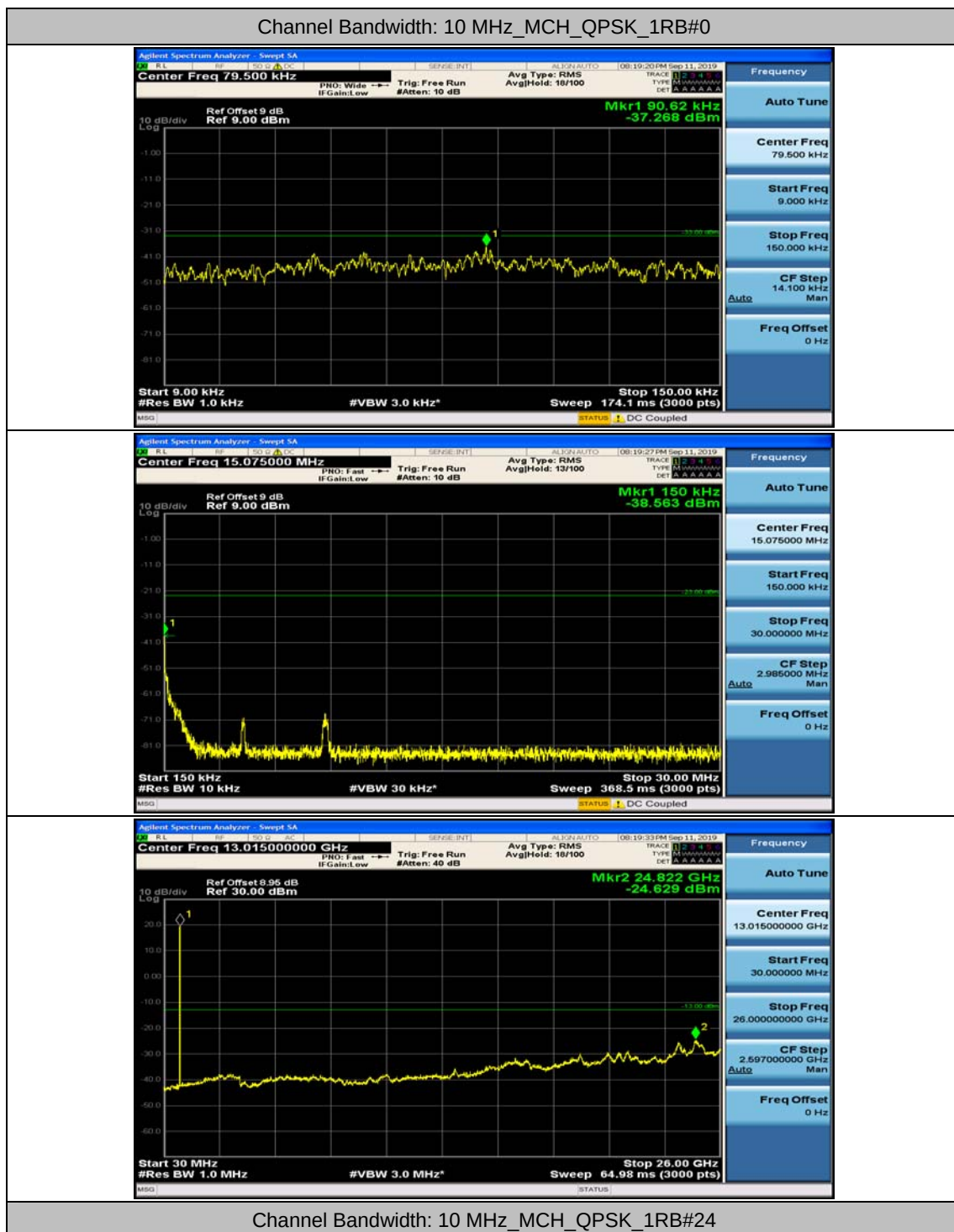


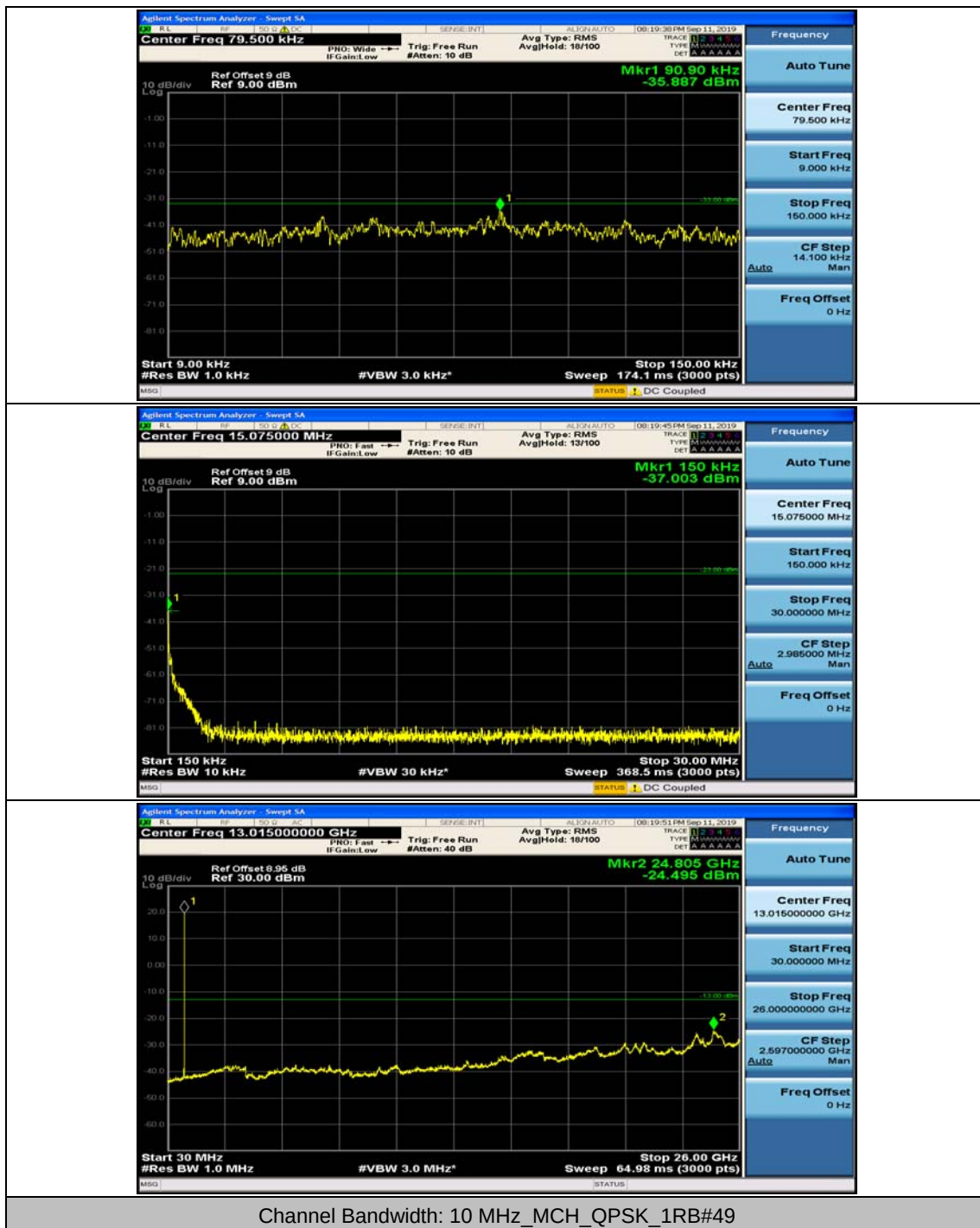
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

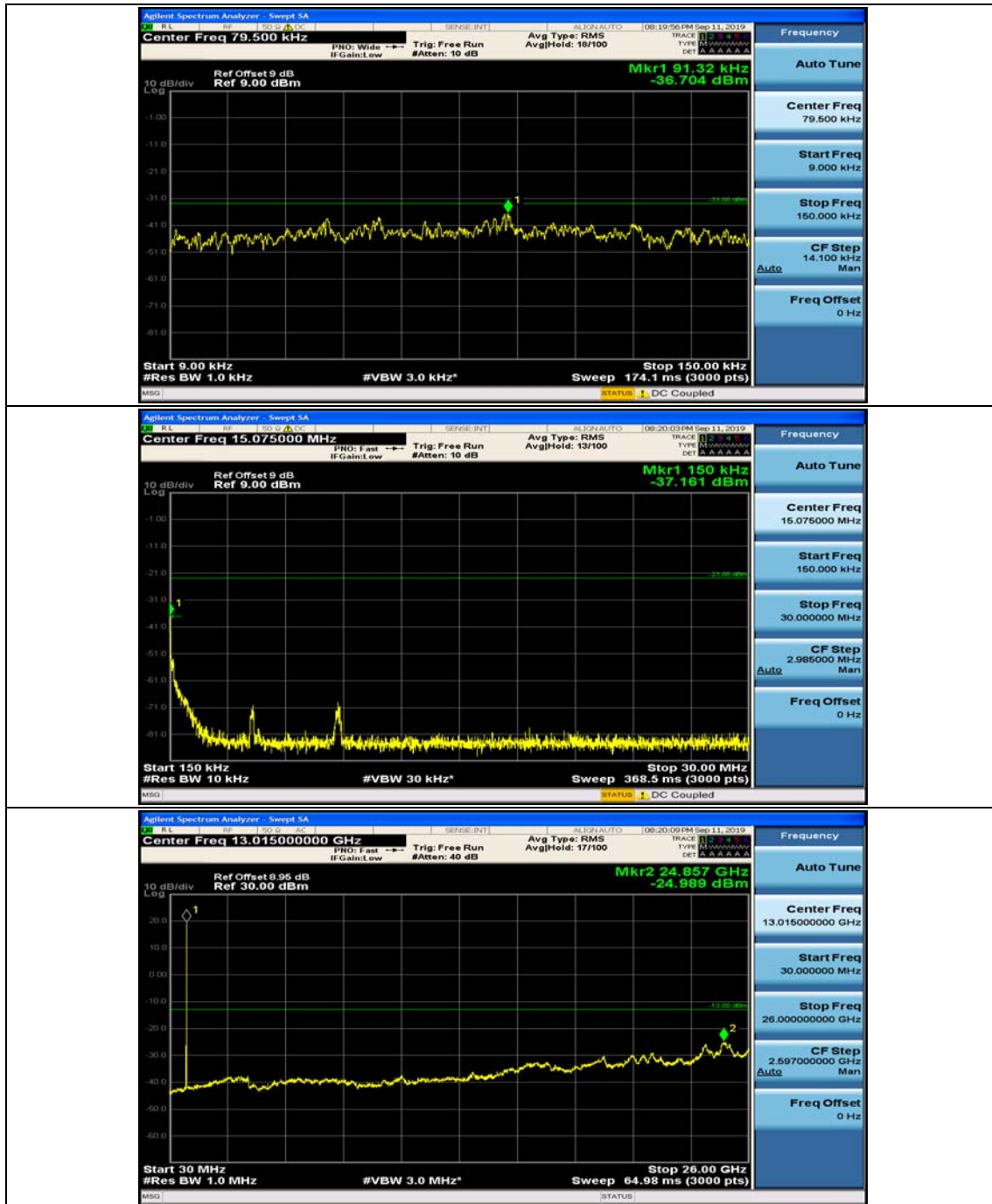




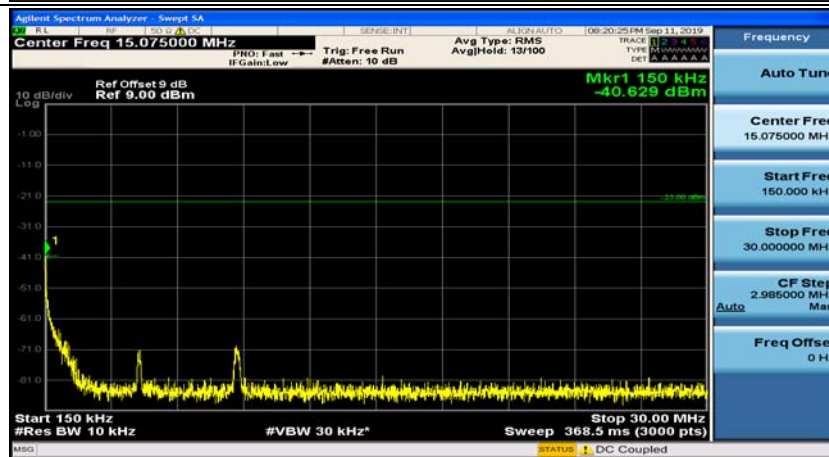
Channel Bandwidth: 10 MHz



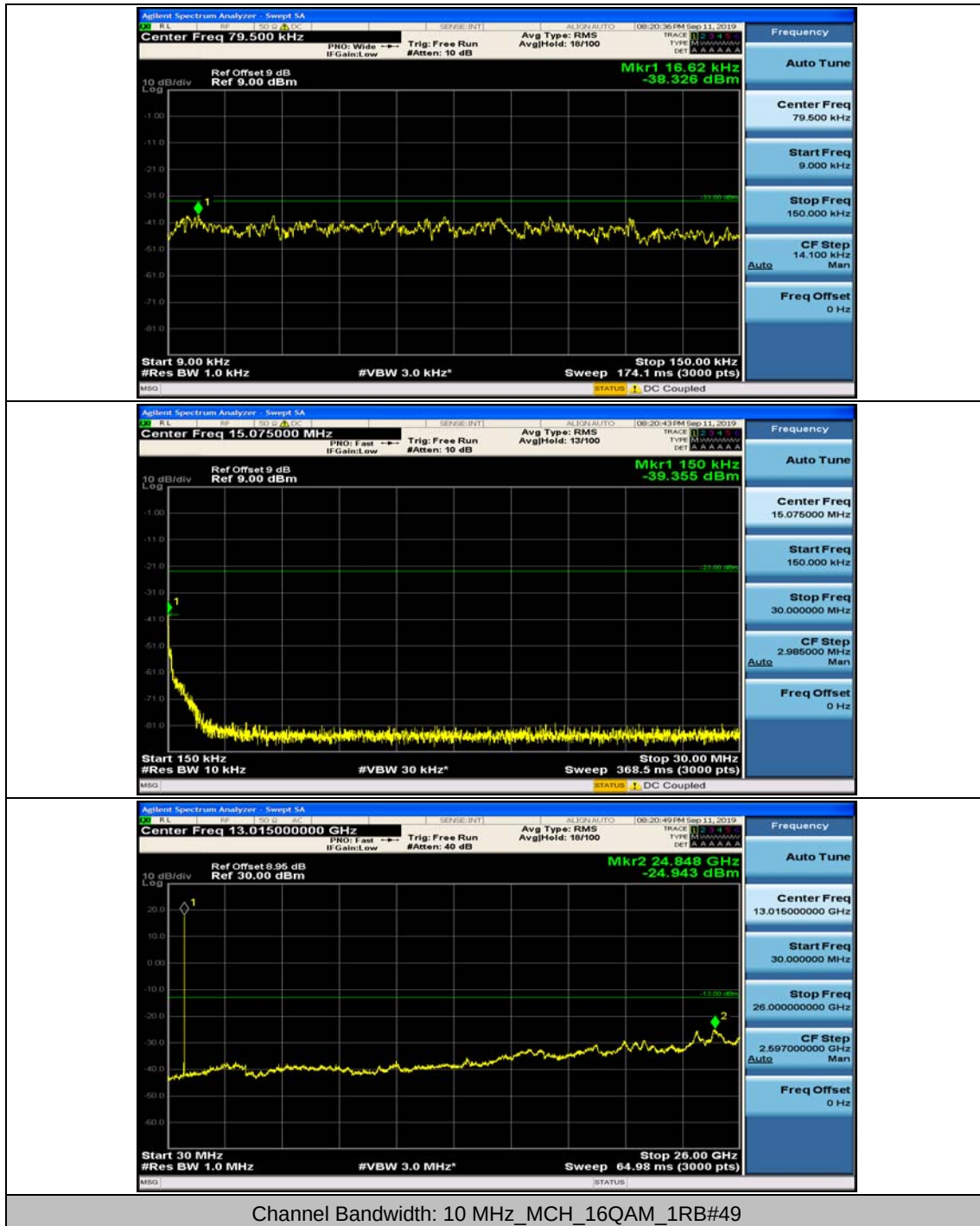


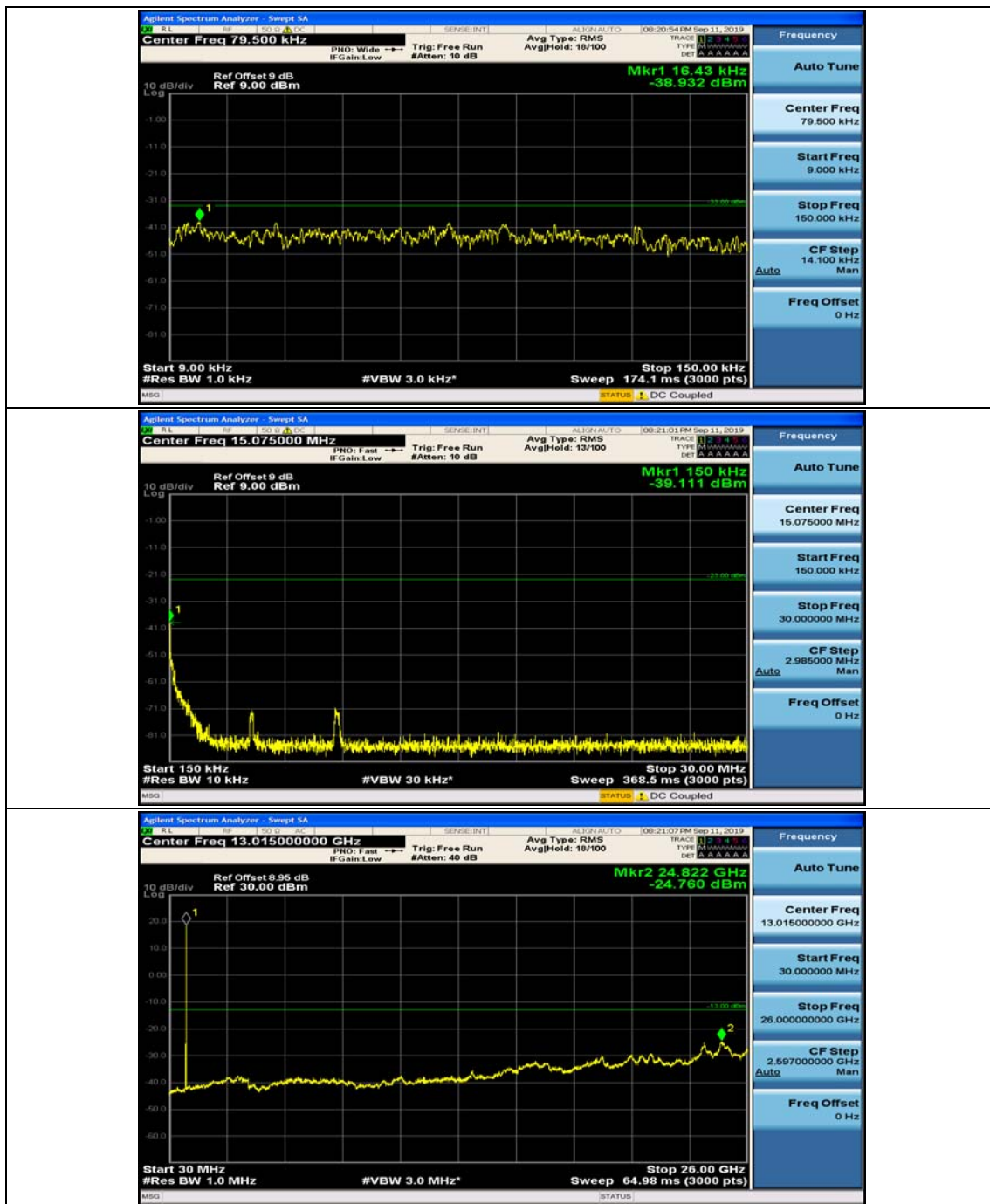


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24





Appendix F: Frequency Stability

Test Result

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	0.88	0.001129	± 2.5	PASS
		VN	TN	-0.37	-0.000475	± 2.5	PASS
		VH	TN	2.1	0.002694	± 2.5	PASS
	MCH	VL	TN	0.52	0.000665	± 2.5	PASS
		VN	TN	3.11	0.003977	± 2.5	PASS
		VH	TN	3.94	0.005038	± 2.5	PASS
	HCH	VL	TN	-1.77	-0.002256	± 2.5	PASS
		VN	TN	-1.17	-0.001491	± 2.5	PASS
		VH	TN	2.88	0.003671	± 2.5	PASS
16QAM	LCH	VL	TN	4.44	0.005696	± 2.5	PASS
		VN	TN	1.55	0.001988	± 2.5	PASS
		VH	TN	0.81	0.001039	± 2.5	PASS
	MCH	VL	TN	4.64	0.005934	± 2.5	PASS
		VN	TN	2.35	0.003005	± 2.5	PASS
		VH	TN	-1.85	-0.002366	± 2.5	PASS
	HCH	VL	TN	4.11	0.005239	± 2.5	PASS
		VN	TN	4.64	0.005915	± 2.5	PASS
		VH	TN	1.47	0.001874	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	4.77	0.006119	± 2.5	PASS
		VN	-20	4.34	0.005568	± 2.5	PASS
		VN	-10	4.1	0.005260	± 2.5	PASS
		VN	0	-0.79	-0.001013	± 2.5	PASS
		VN	10	0.06	0.000077	± 2.5	PASS
		VN	20	1.84	0.002360	± 2.5	PASS
		VN	30	0.13	0.000167	± 2.5	PASS
		VN	40	-1.48	-0.001899	± 2.5	PASS
		VN	50	1.23	0.001578	± 2.5	PASS
	MCH	VN	-30	-1.8	-0.002302	± 2.5	PASS

		VN	-20	2.76	0.003529	± 2.5	PASS
		VN	-10	4.34	0.005550	± 2.5	PASS
		VN	0	2.74	0.003504	± 2.5	PASS
		VN	10	-1.9	-0.002430	± 2.5	PASS
		VN	20	3.76	0.004808	± 2.5	PASS
		VN	30	4.4	0.005627	± 2.5	PASS
		VN	40	3.4	0.004348	± 2.5	PASS
		VN	50	4.24	0.005422	± 2.5	PASS
	HCH	VN	-30	-1.13	-0.001440	± 2.5	PASS
		VN	-20	-1.41	-0.001797	± 2.5	PASS
		VN	-10	-0.37	-0.000472	± 2.5	PASS
		VN	0	1.72	0.002192	± 2.5	PASS
		VN	10	0.27	0.000344	± 2.5	PASS
		VN	20	3.72	0.004742	± 2.5	PASS
		VN	30	1	0.001275	± 2.5	PASS
		VN	40	-0.46	-0.000586	± 2.5	PASS
16QAM	LCH	VN	-30	4.74	0.006081	± 2.5	PASS
		VN	-20	1.8	0.002309	± 2.5	PASS
		VN	-10	2.57	0.003297	± 2.5	PASS
		VN	0	1.29	0.001655	± 2.5	PASS
		VN	10	4.81	0.006171	± 2.5	PASS
		VN	20	4.27	0.005478	± 2.5	PASS
		VN	30	2.68	0.003438	± 2.5	PASS
		VN	40	-0.8	-0.001026	± 2.5	PASS
		VN	50	1.76	0.002258	± 2.5	PASS
	MCH	VN	-30	1.09	0.001394	± 2.5	PASS
		VN	-20	-1.95	-0.002494	± 2.5	PASS
		VN	-10	-0.85	-0.001087	± 2.5	PASS
		VN	0	0.15	0.000192	± 2.5	PASS
		VN	10	1.83	0.002340	± 2.5	PASS
		VN	20	-1.43	-0.001829	± 2.5	PASS
		VN	30	4.81	0.006151	± 2.5	PASS
		VN	40	1.76	0.002251	± 2.5	PASS
		VN	50	1.54	0.001969	± 2.5	PASS
	HCH	VN	-30	0.22	0.000280	± 2.5	PASS
		VN	-20	0.49	0.000625	± 2.5	PASS
		VN	-10	-1.46	-0.001861	± 2.5	PASS
		VN	0	0.64	0.000816	± 2.5	PASS
		VN	10	1.55	0.001976	± 2.5	PASS
		VN	20	2.25	0.002868	± 2.5	PASS

		VN	30	3.02	0.003850	± 2.5	PASS
		VN	40	3.97	0.005061	± 2.5	PASS
		VN	50	-0.21	-0.000268	± 2.5	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature ()	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	MCH	VL	TN	-1.14	-0.001458	± 2.5	PASS
		VN	TN	4.79	0.006125	± 2.5	PASS
		VH	TN	2.59	0.003312	± 2.5	PASS
16QAM	MCH	VL	TN	2.52	0.003223	± 2.5	PASS
		VN	TN	3.88	0.004962	± 2.5	PASS
		VH	TN	4.56	0.005831	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
16QAM	MCH	VN	-30	2.52	0.003223	± 2.5	PASS
		VN	-20	4.13	0.005281	± 2.5	PASS
		VN	-10	0.22	0.000281	± 2.5	PASS
		VN	0	0.28	0.000358	± 2.5	PASS
		VN	10	1.53	0.001957	± 2.5	PASS
		VN	20	0.45	0.000575	± 2.5	PASS
		VN	30	1.59	0.002033	± 2.5	PASS
		VN	40	0.83	0.001061	± 2.5	PASS
		VN	50	3.19	0.004079	± 2.5	PASS
QPSK	MCH	VN	-30	0.000230	0.000230	± 2.5	PASS
		VN	-20	0.002468	0.002468	± 2.5	PASS
		VN	-10	0.000435	0.000435	± 2.5	PASS
		VN	0	0.006304	0.006304	± 2.5	PASS
		VN	10	0.001100	0.001100	± 2.5	PASS
		VN	20	0.001253	0.001253	± 2.5	PASS
		VN	30	0.002059	0.002059	± 2.5	PASS
		VN	40	0.000460	0.000460	± 2.5	PASS
		VN	50	-0.000384	-0.000384	± 2.5	PASS