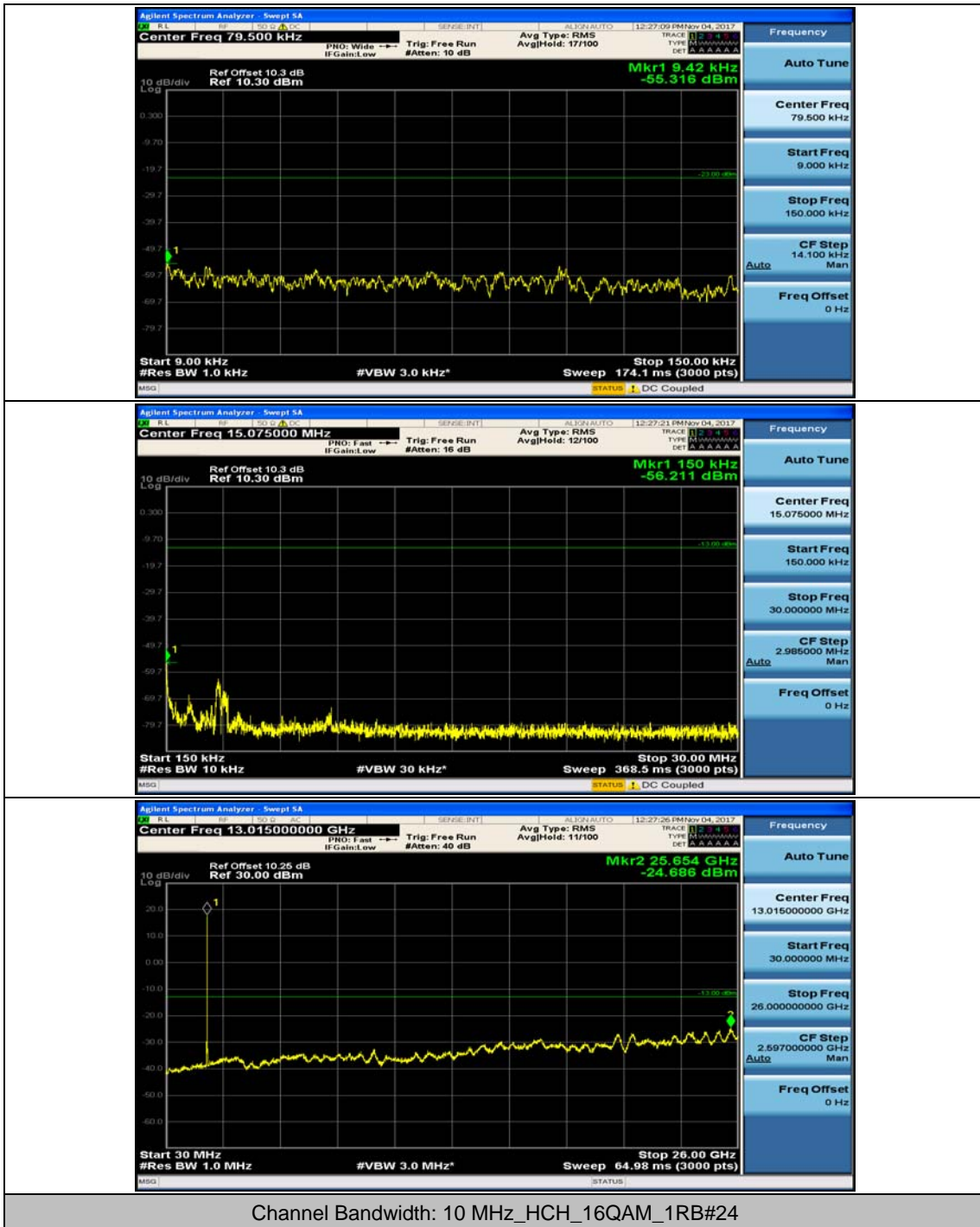
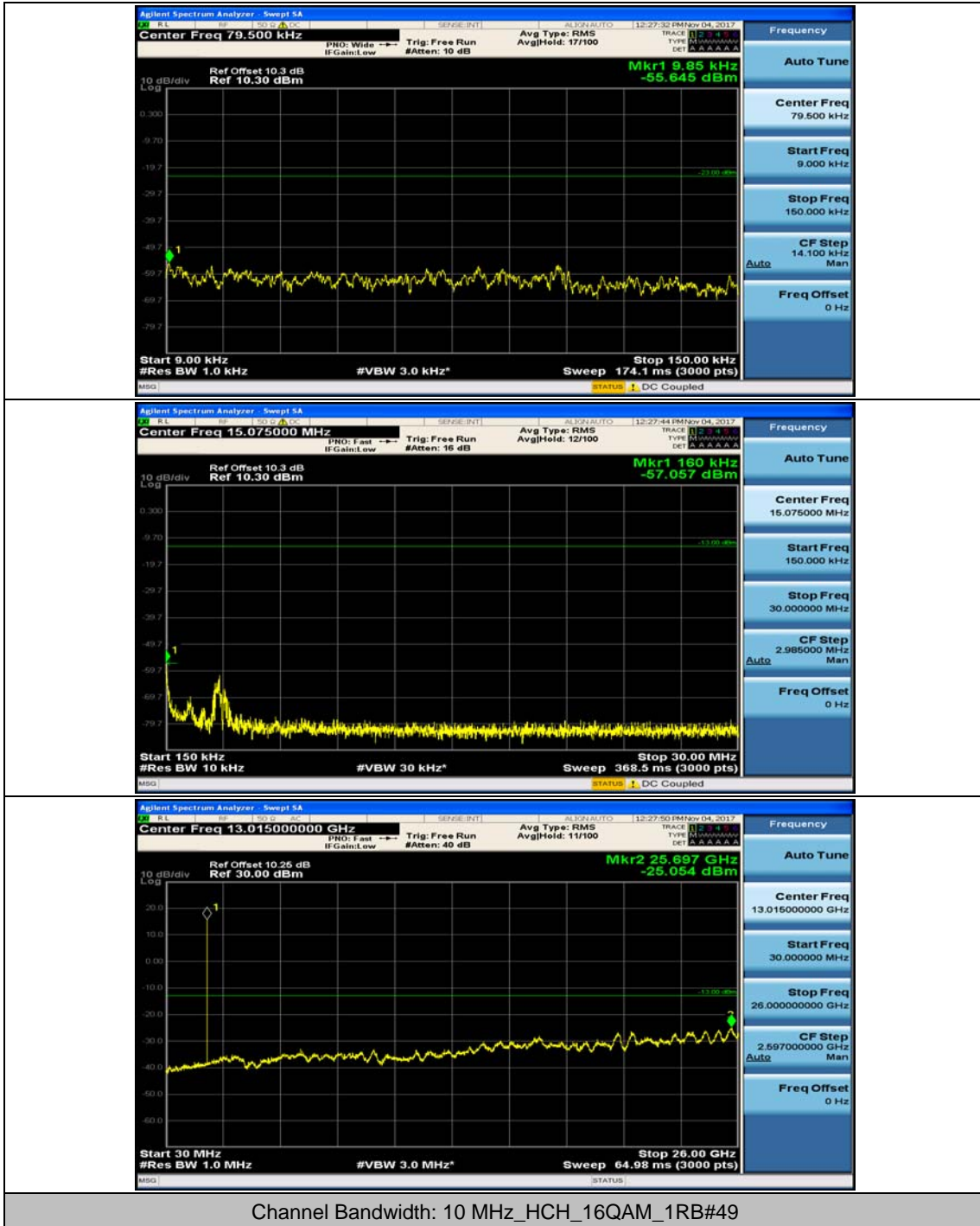
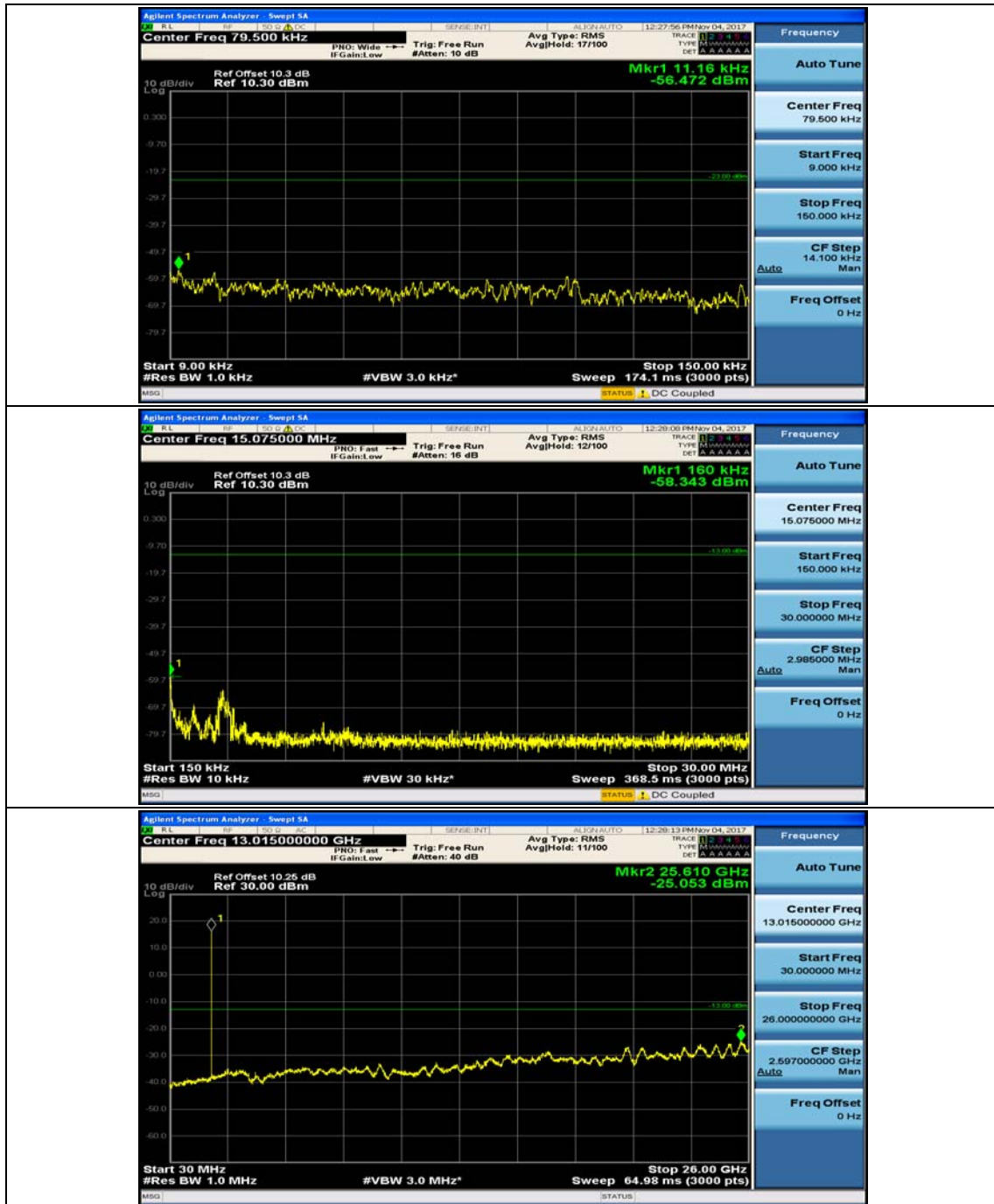


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0

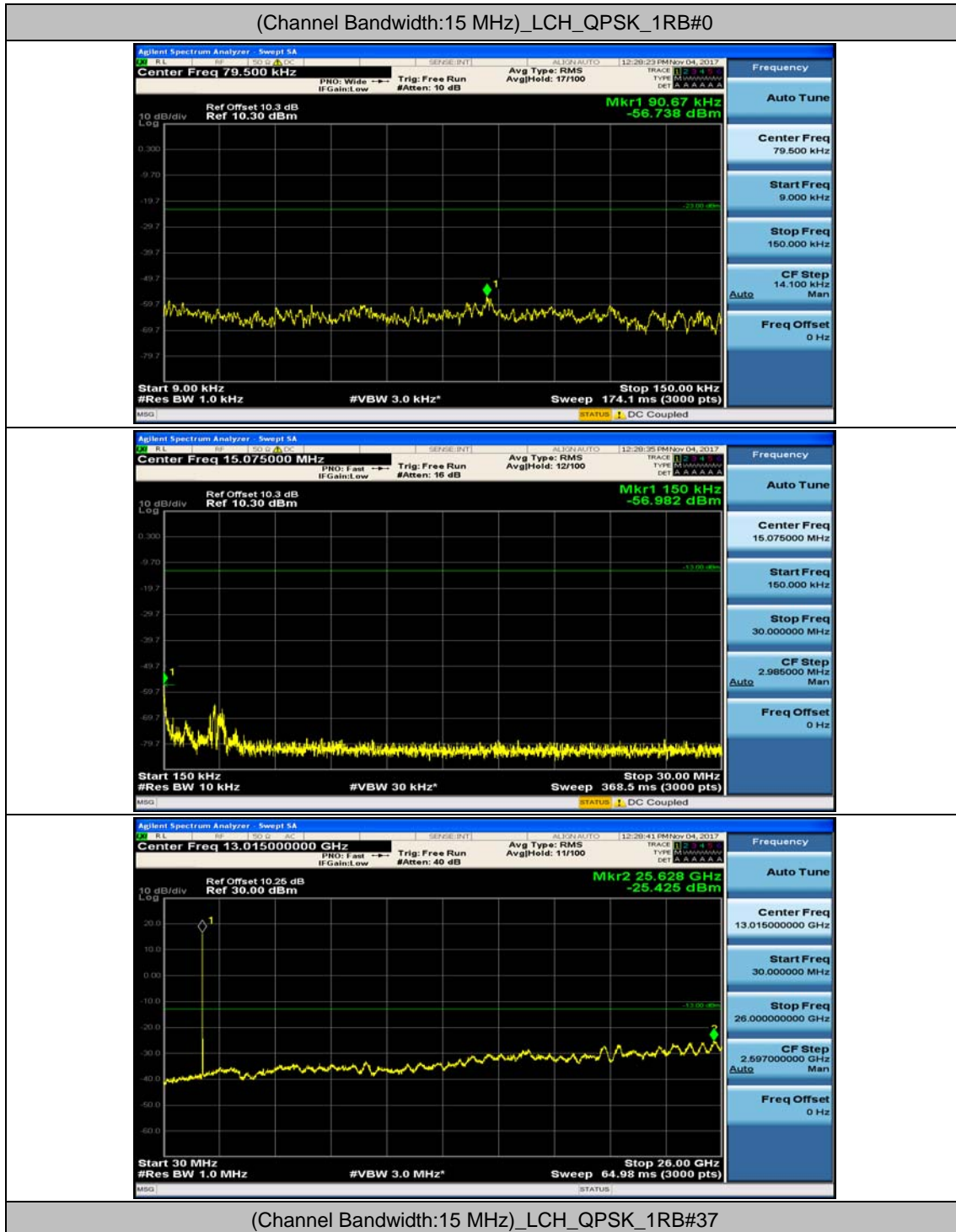




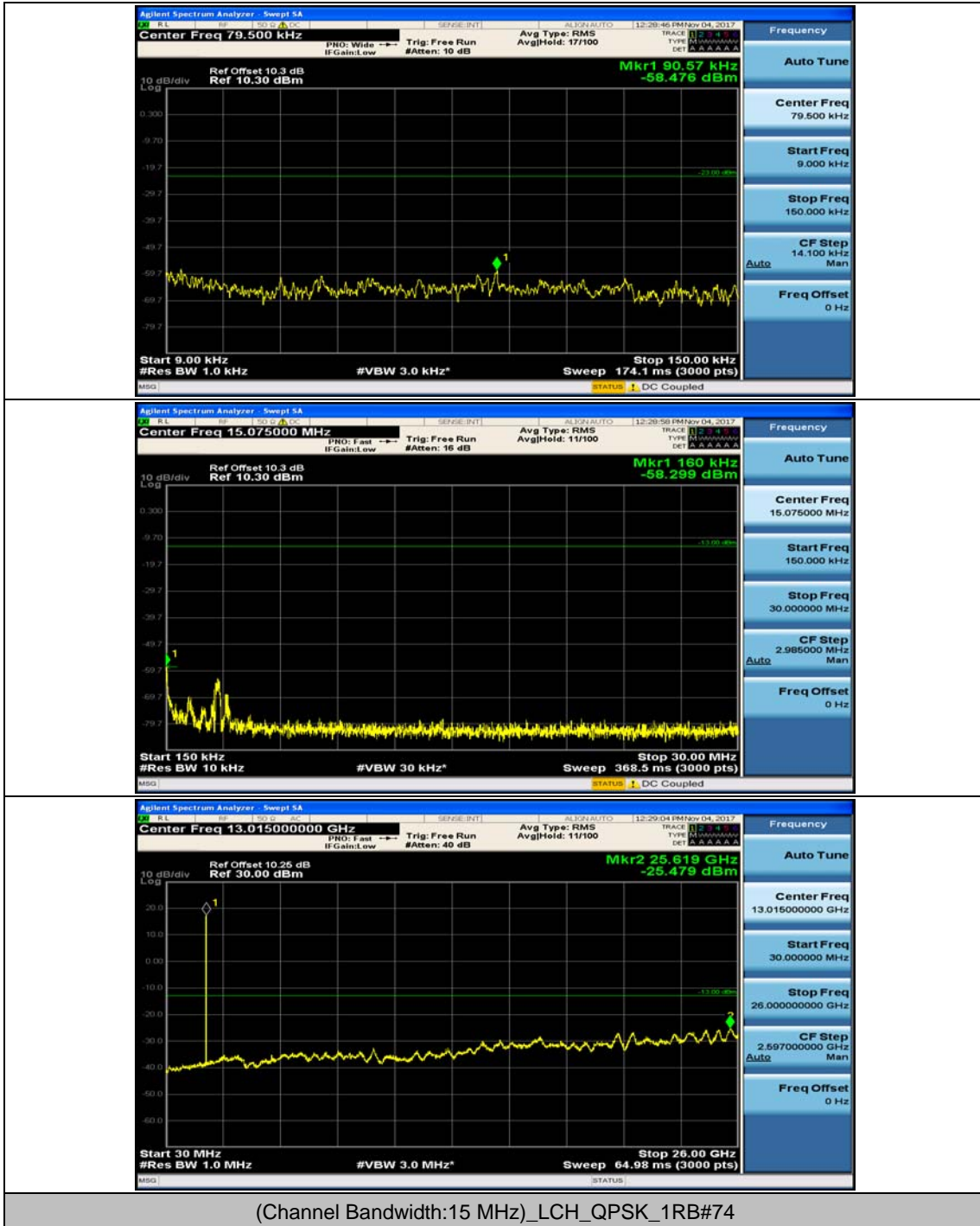


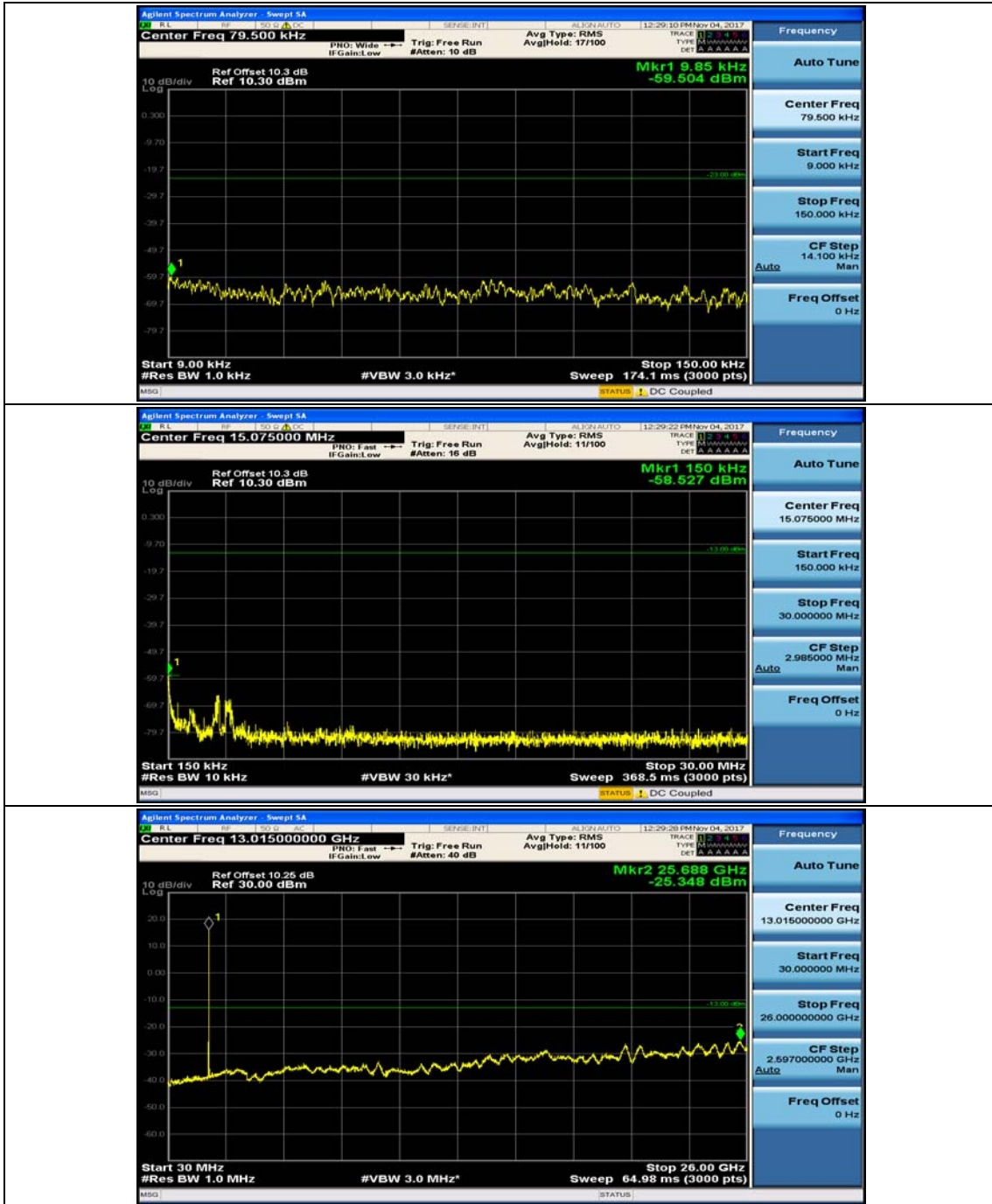
Channel Bandwidth: 15 MHz

(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#0

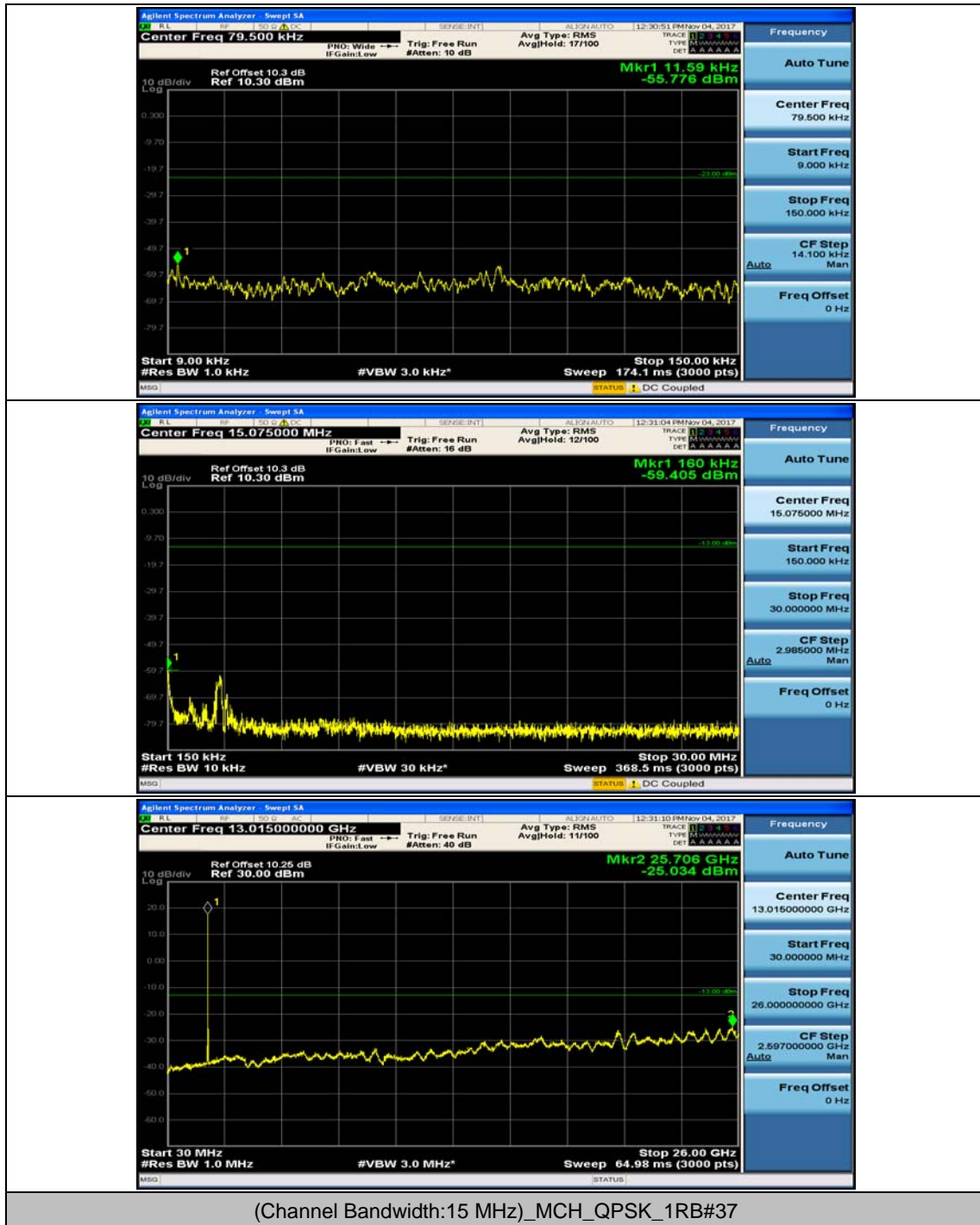


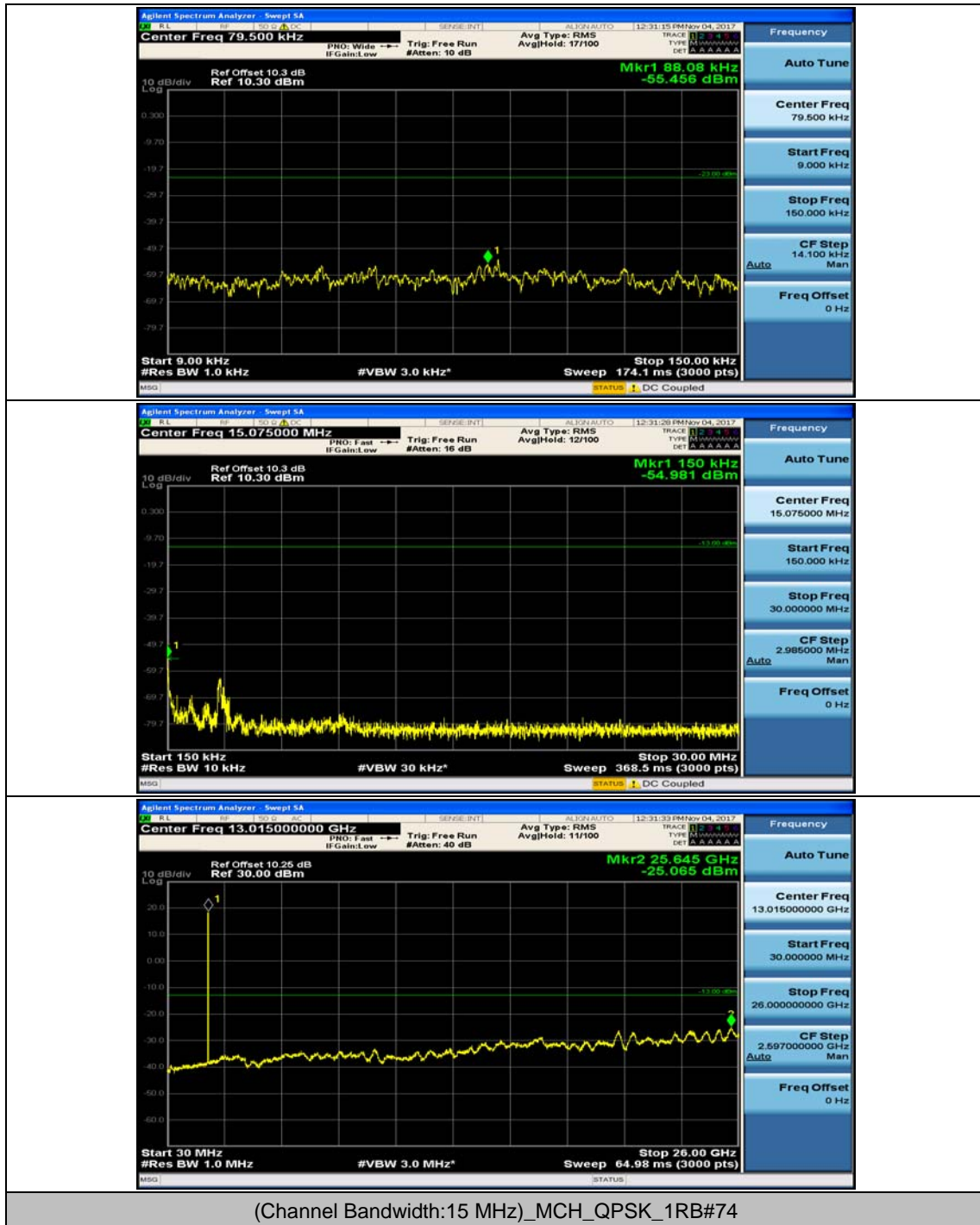
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#37

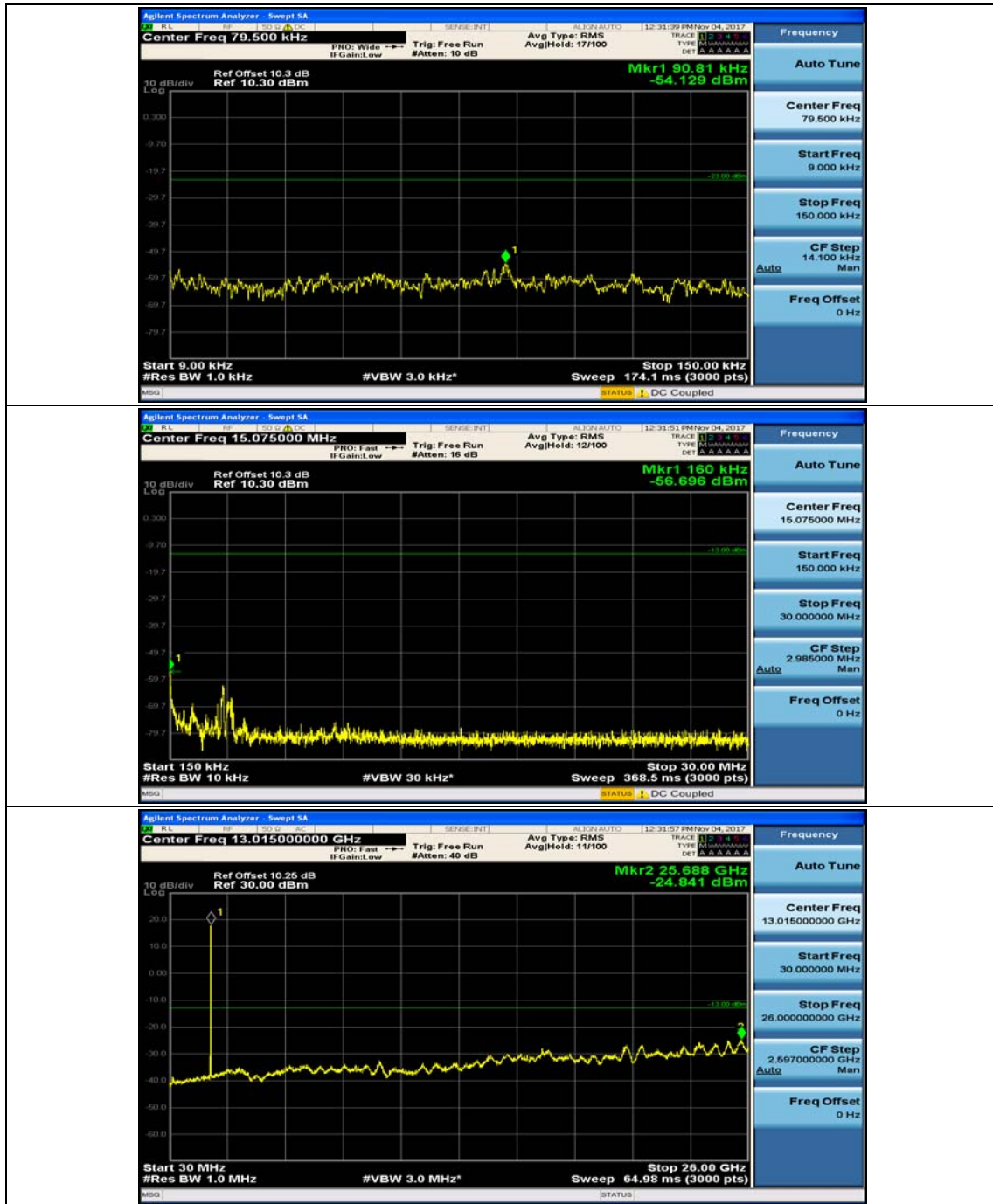




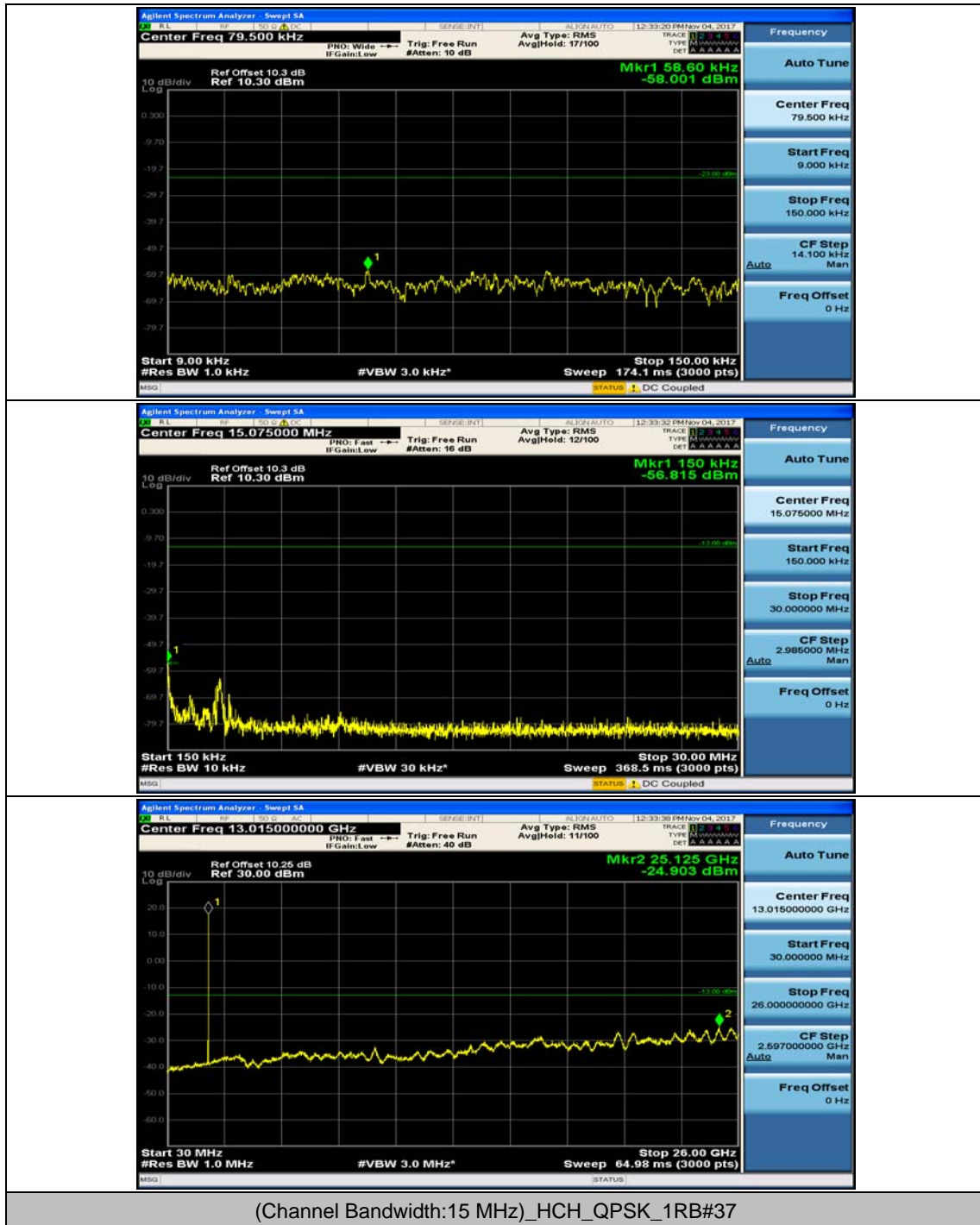
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0

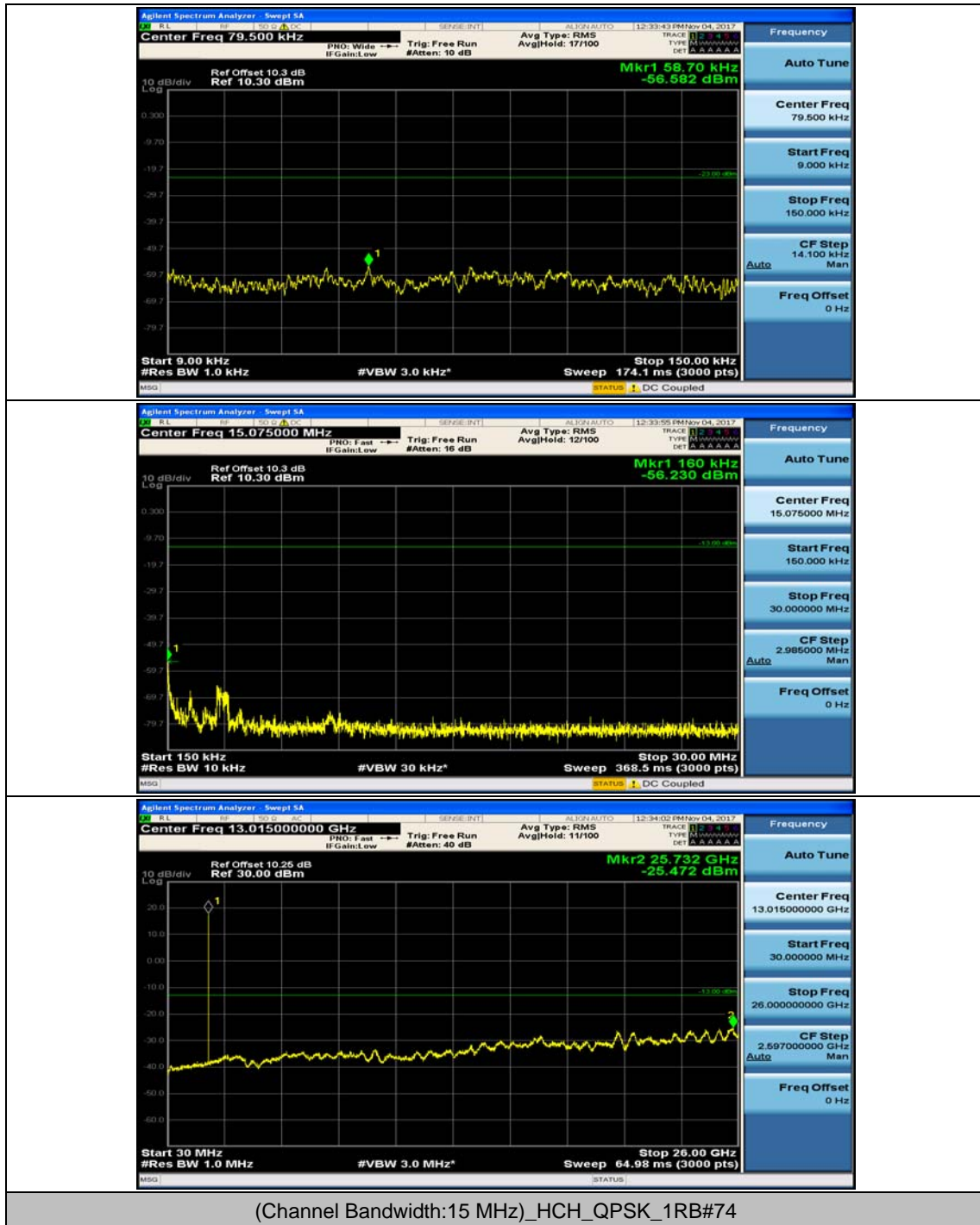


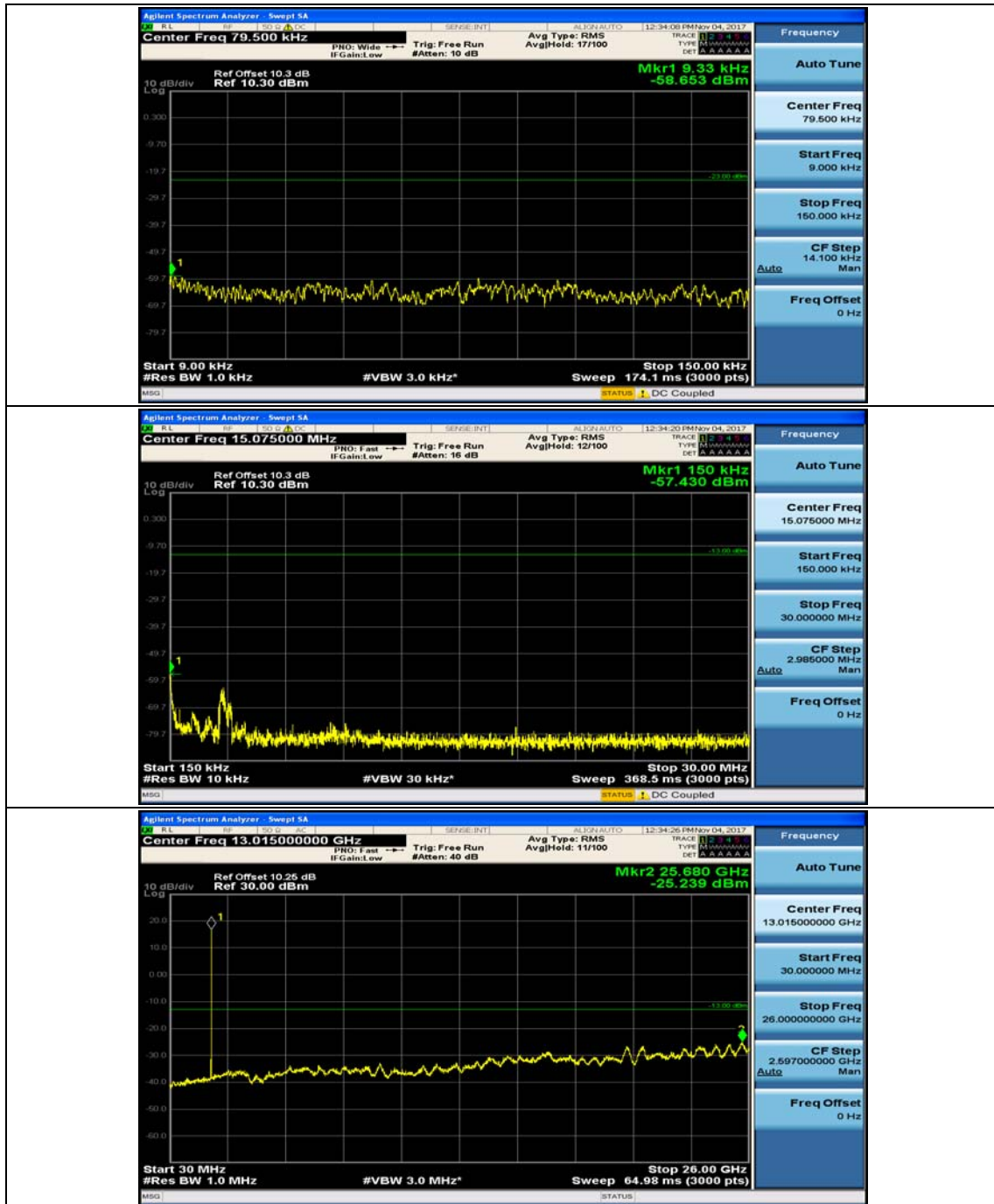




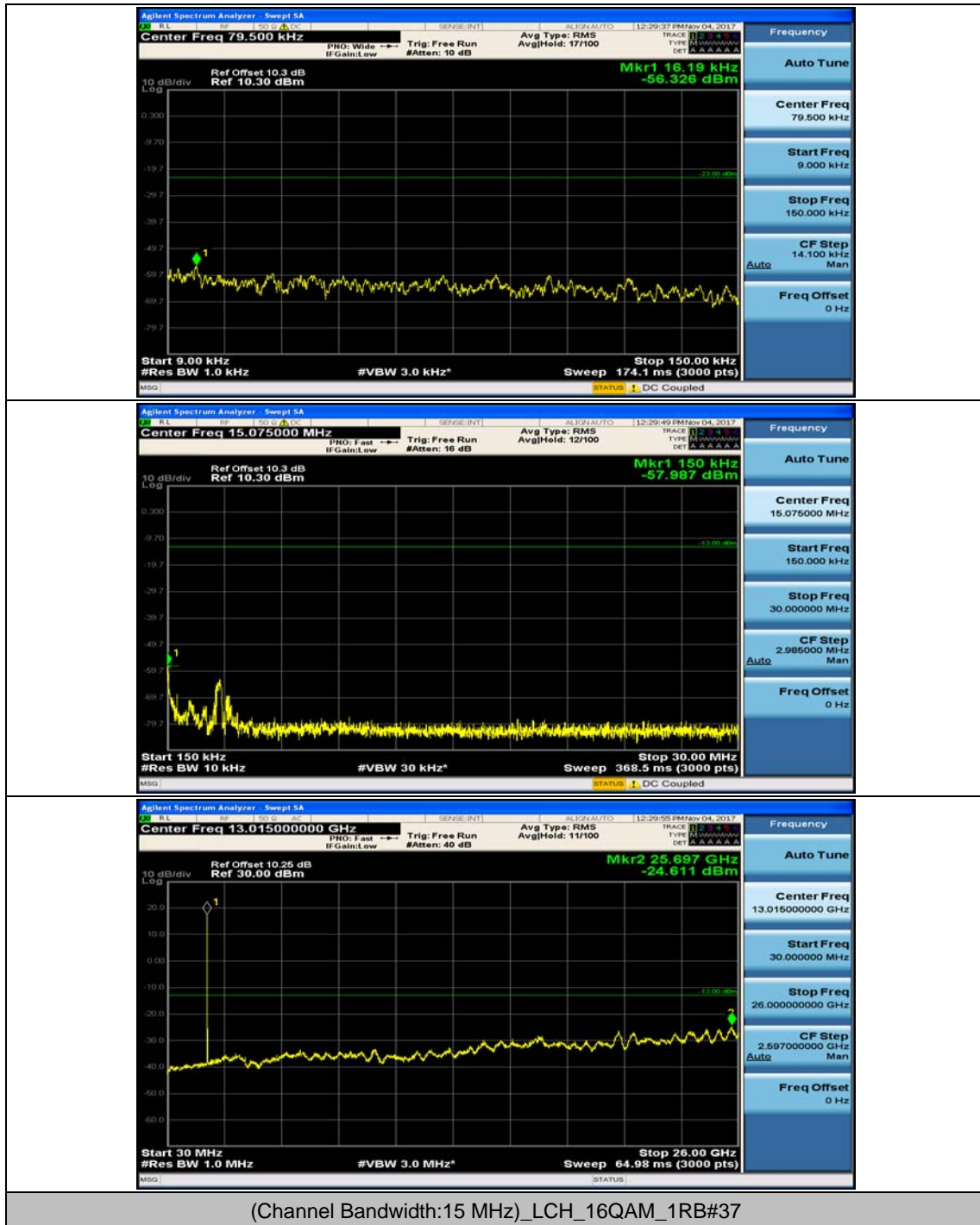
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0

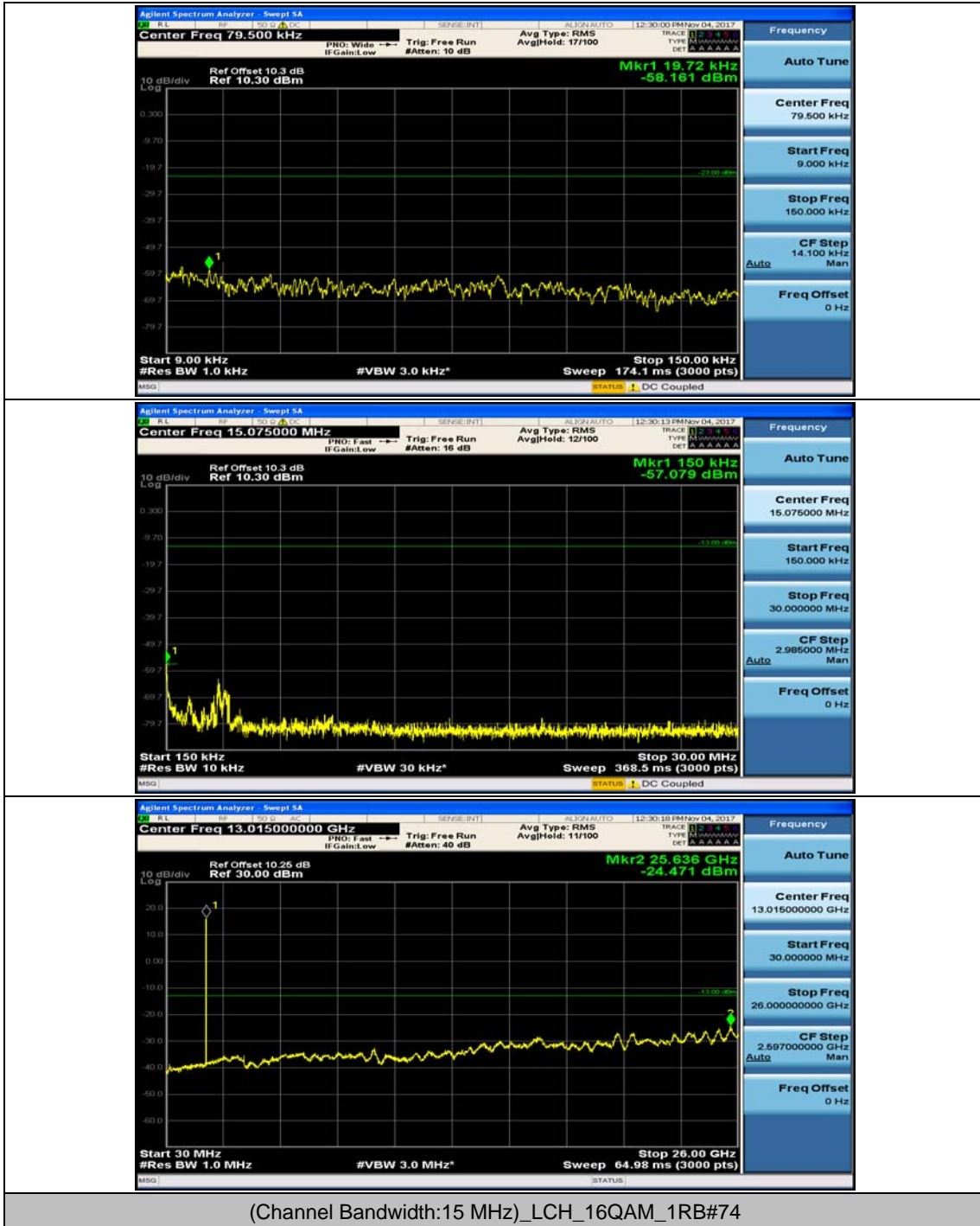


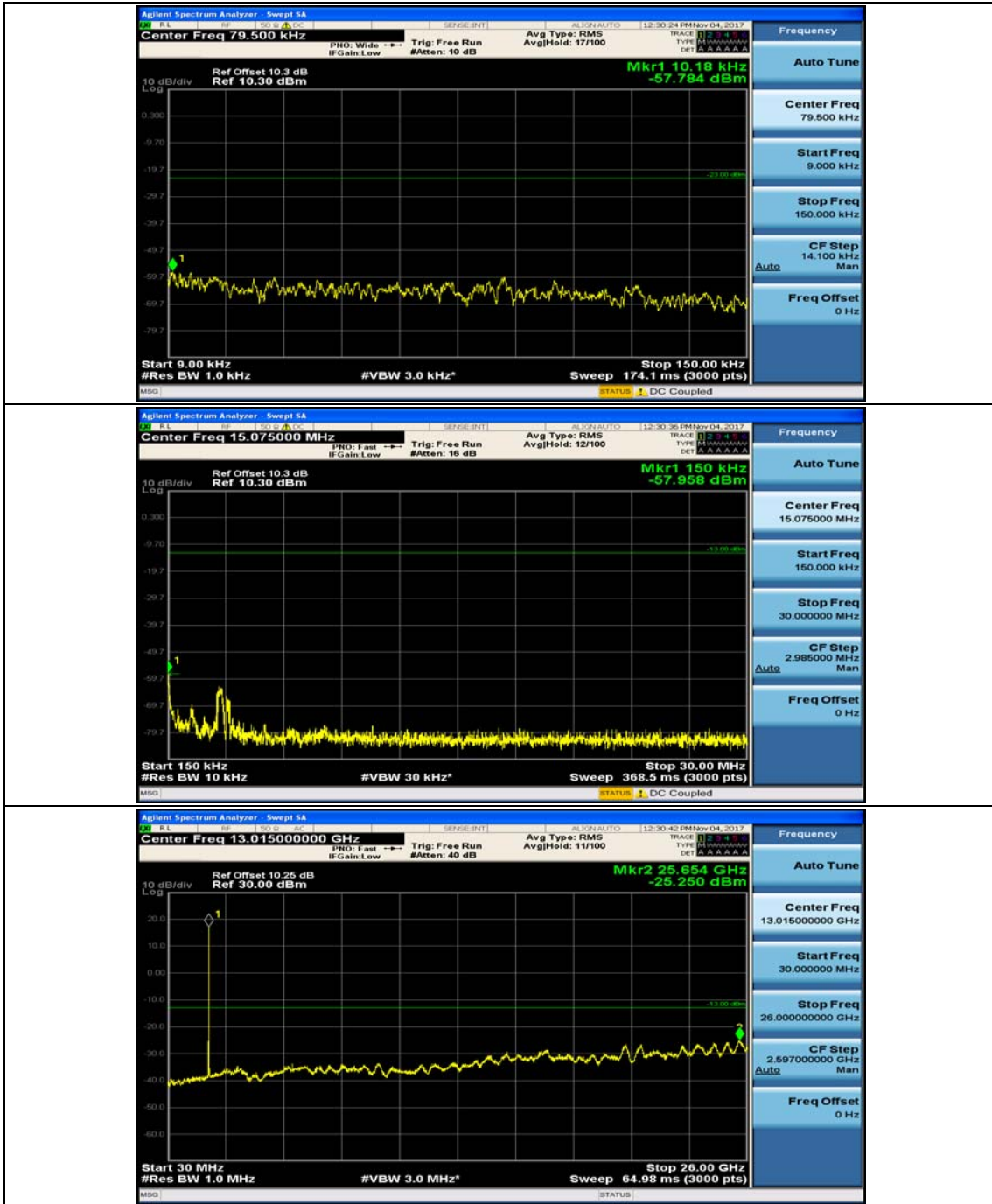




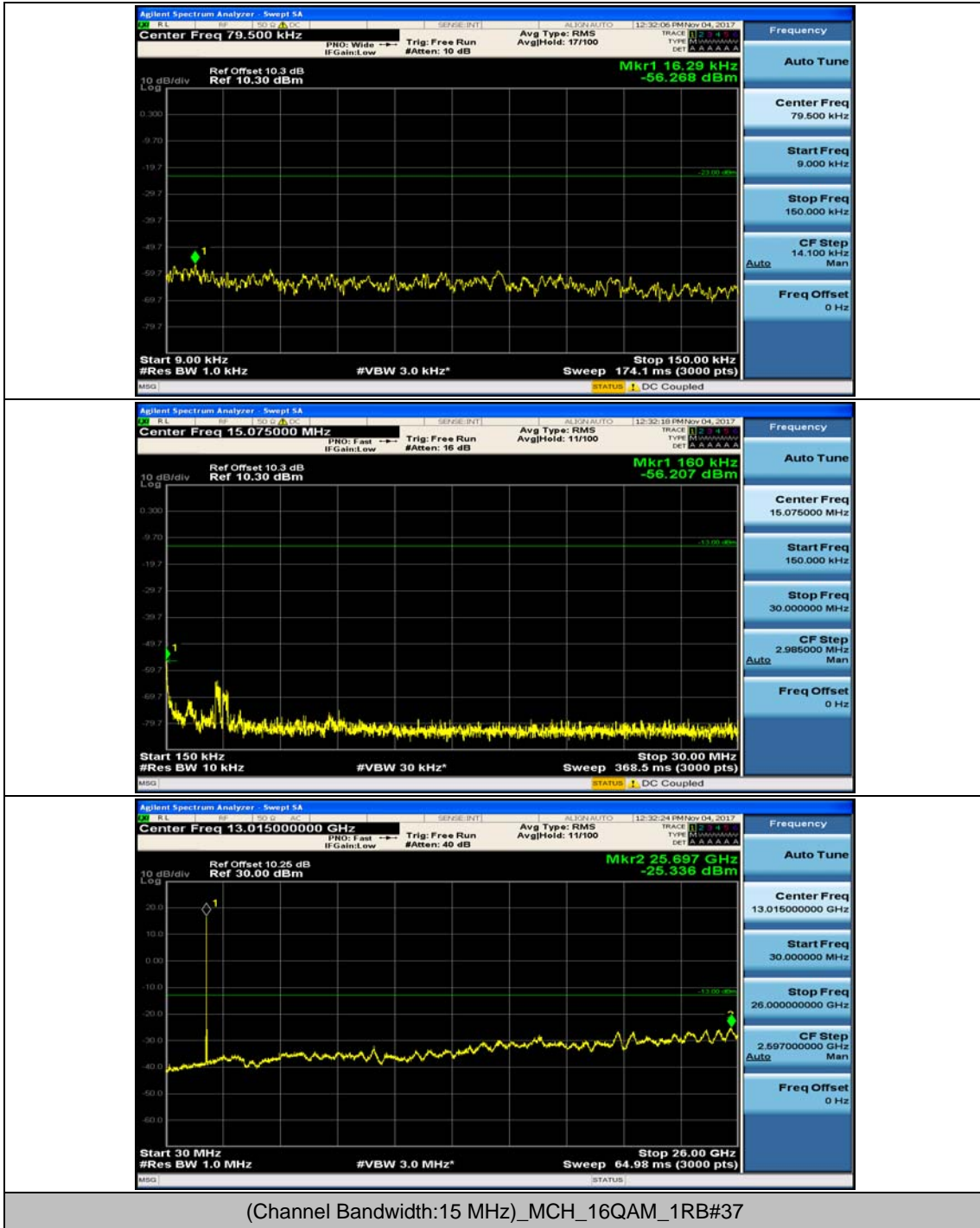
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0

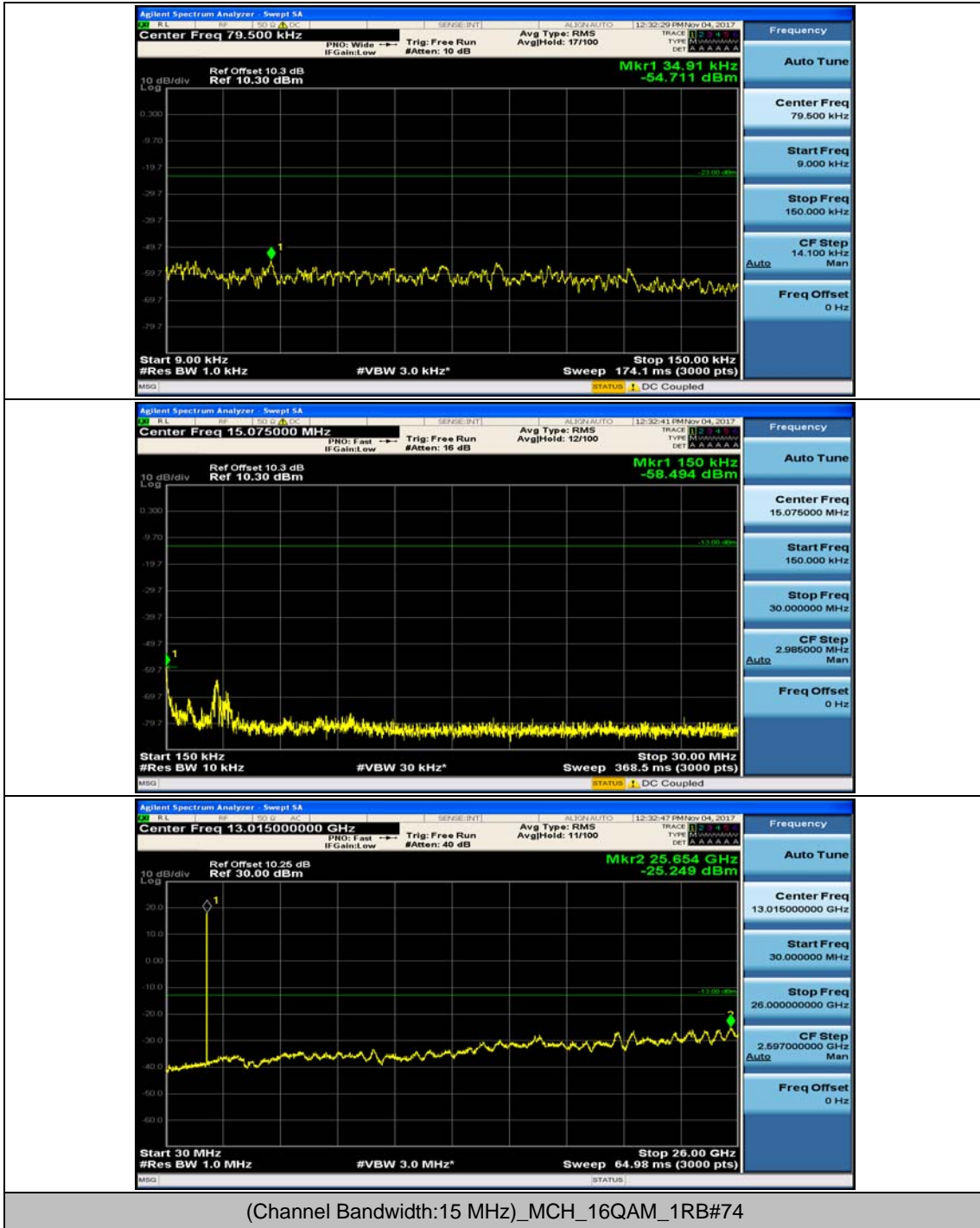


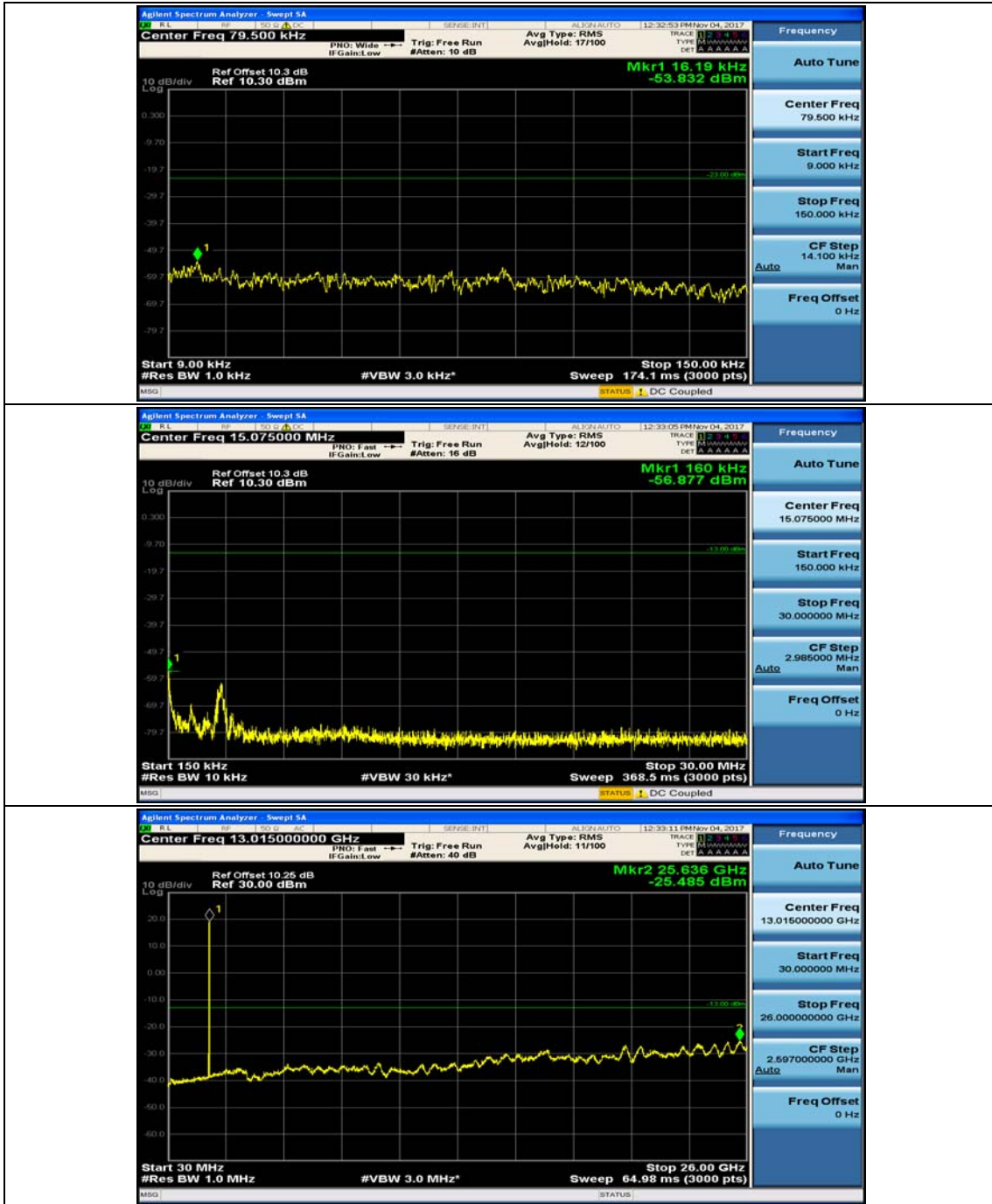




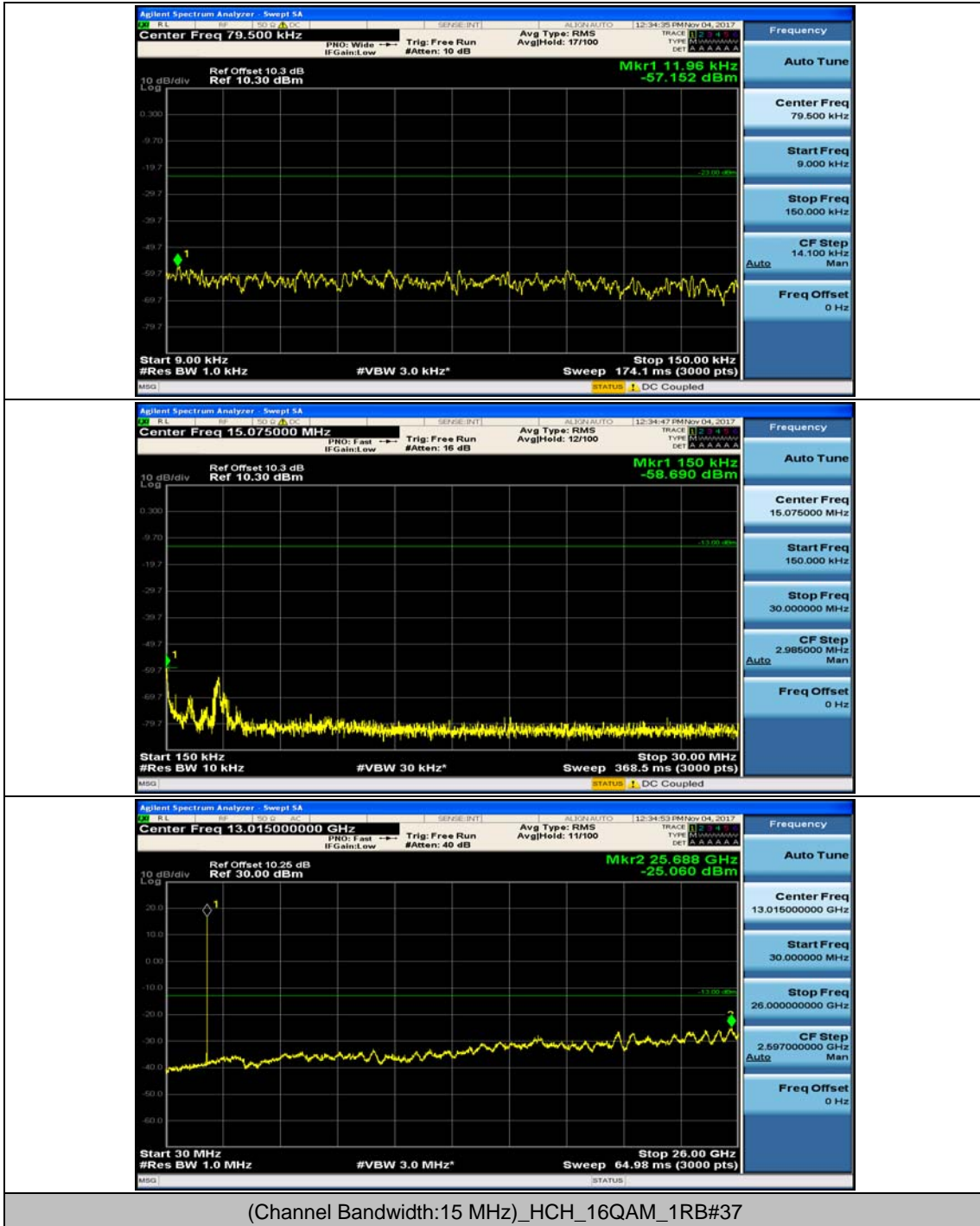
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0

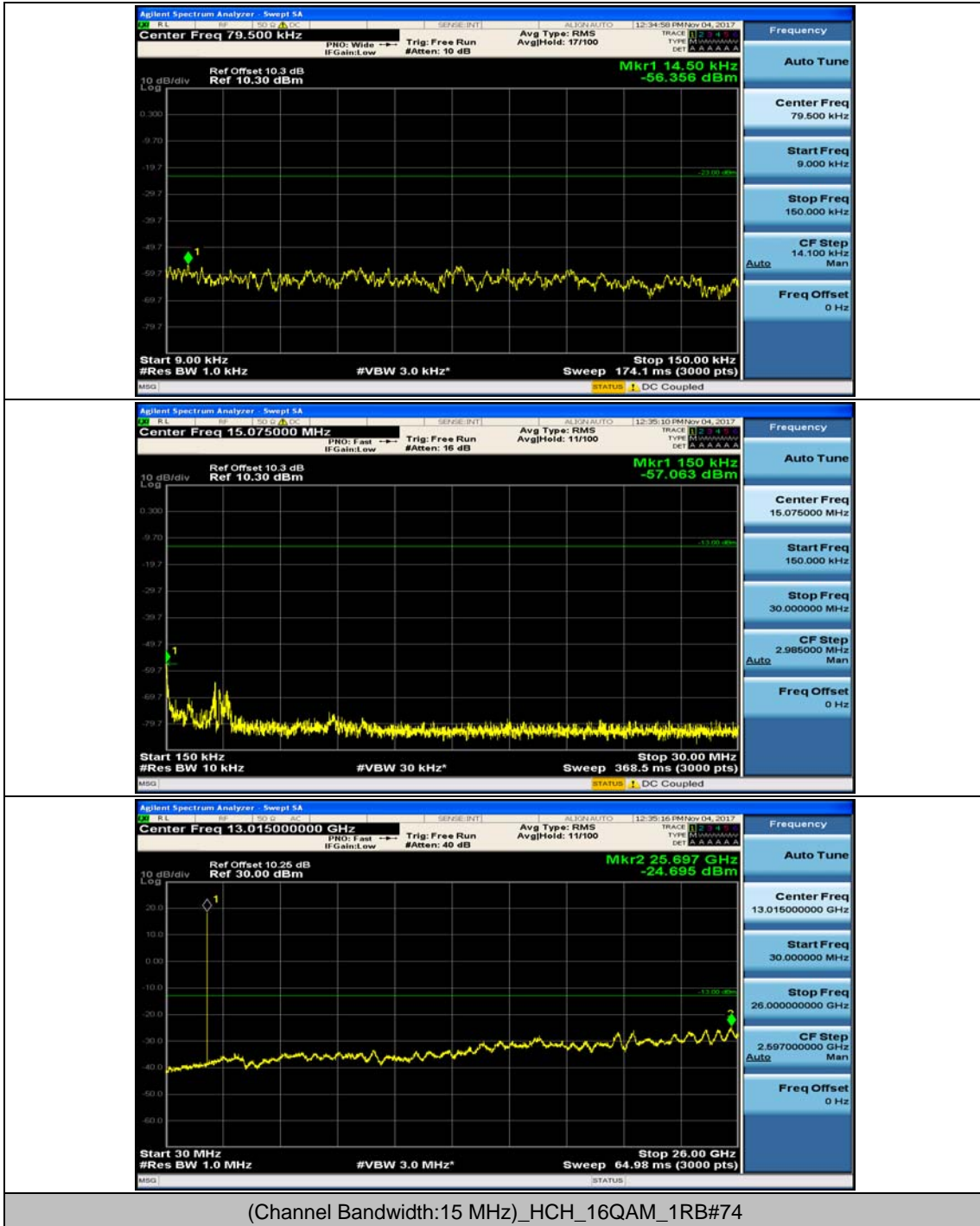


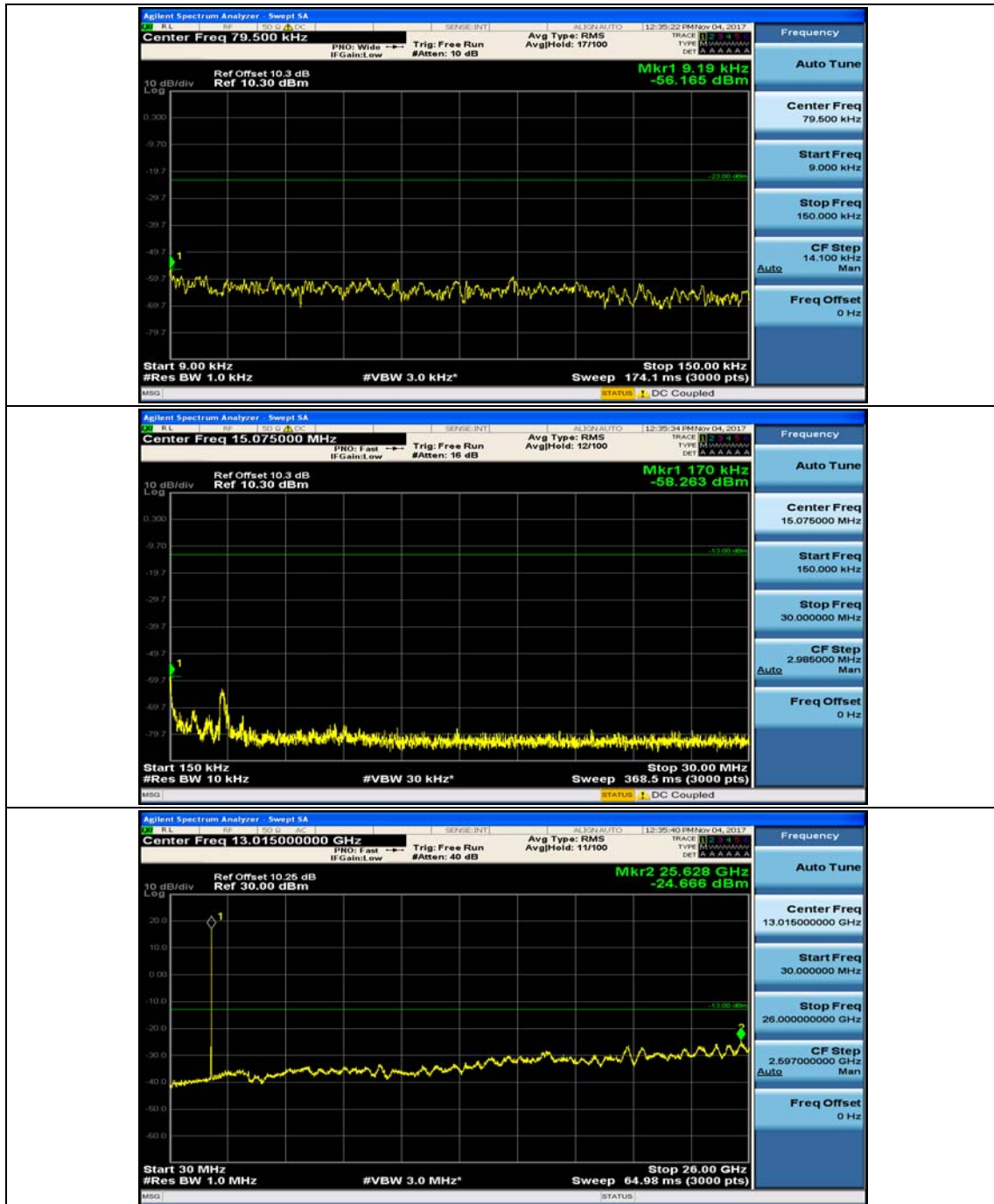




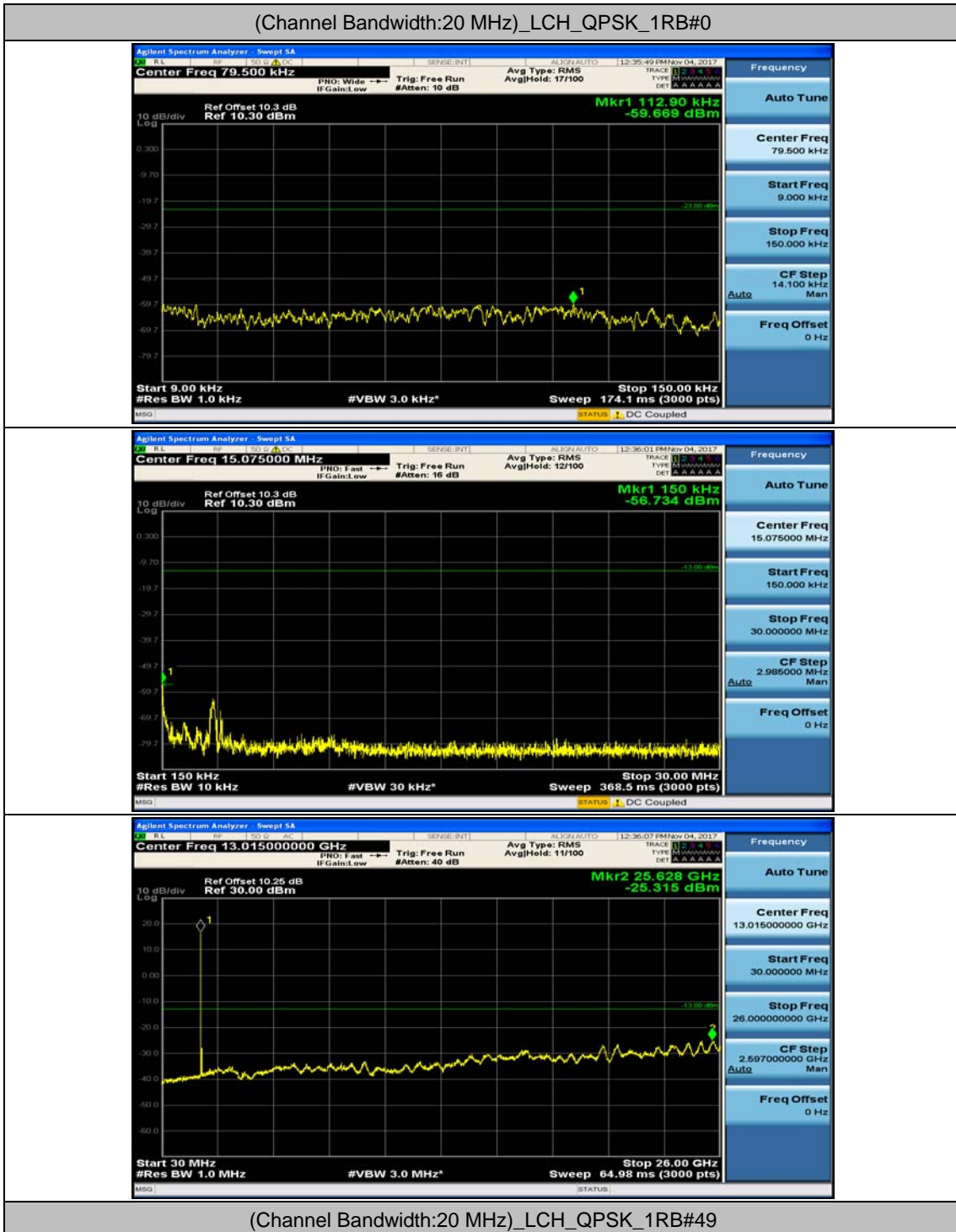
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0

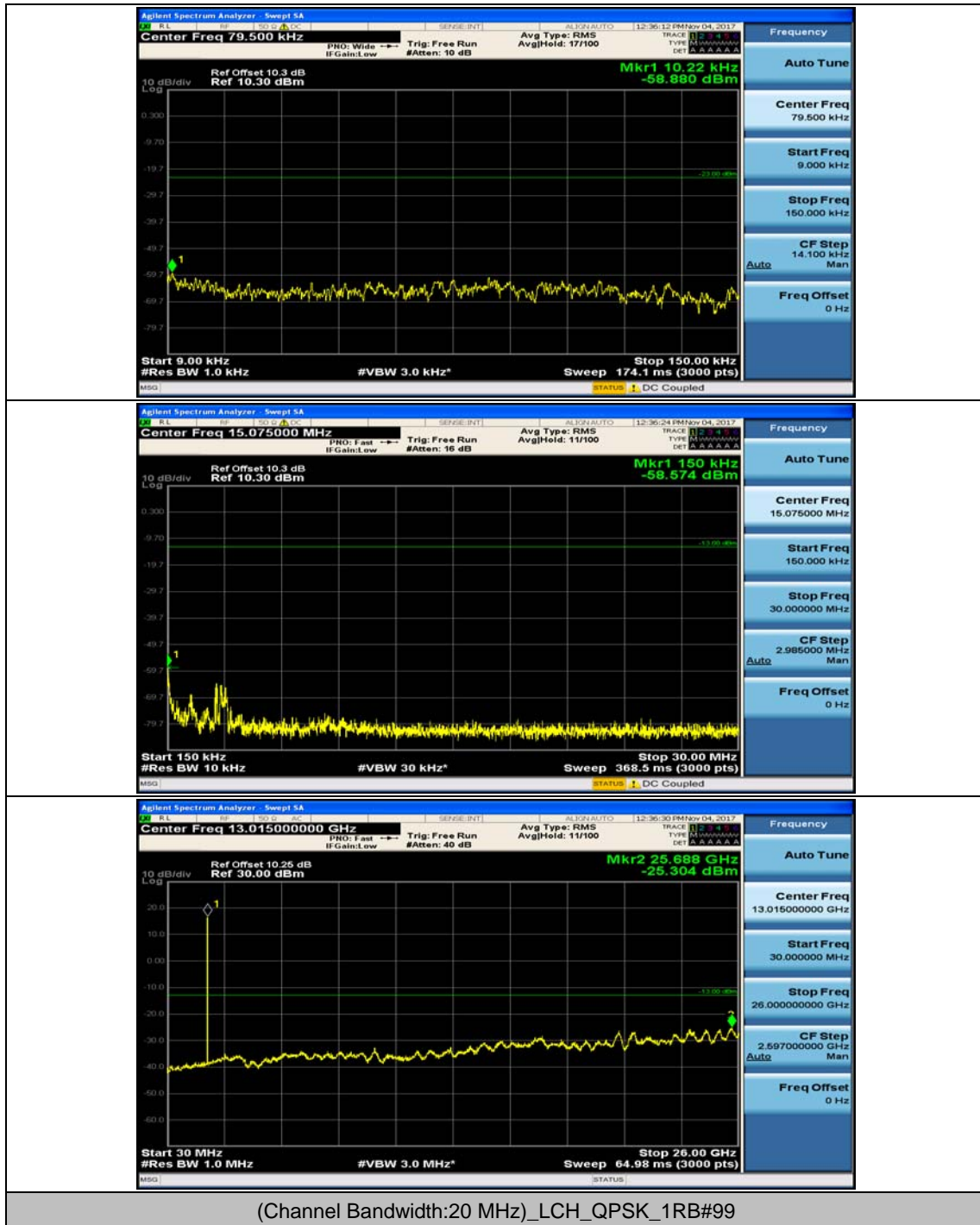


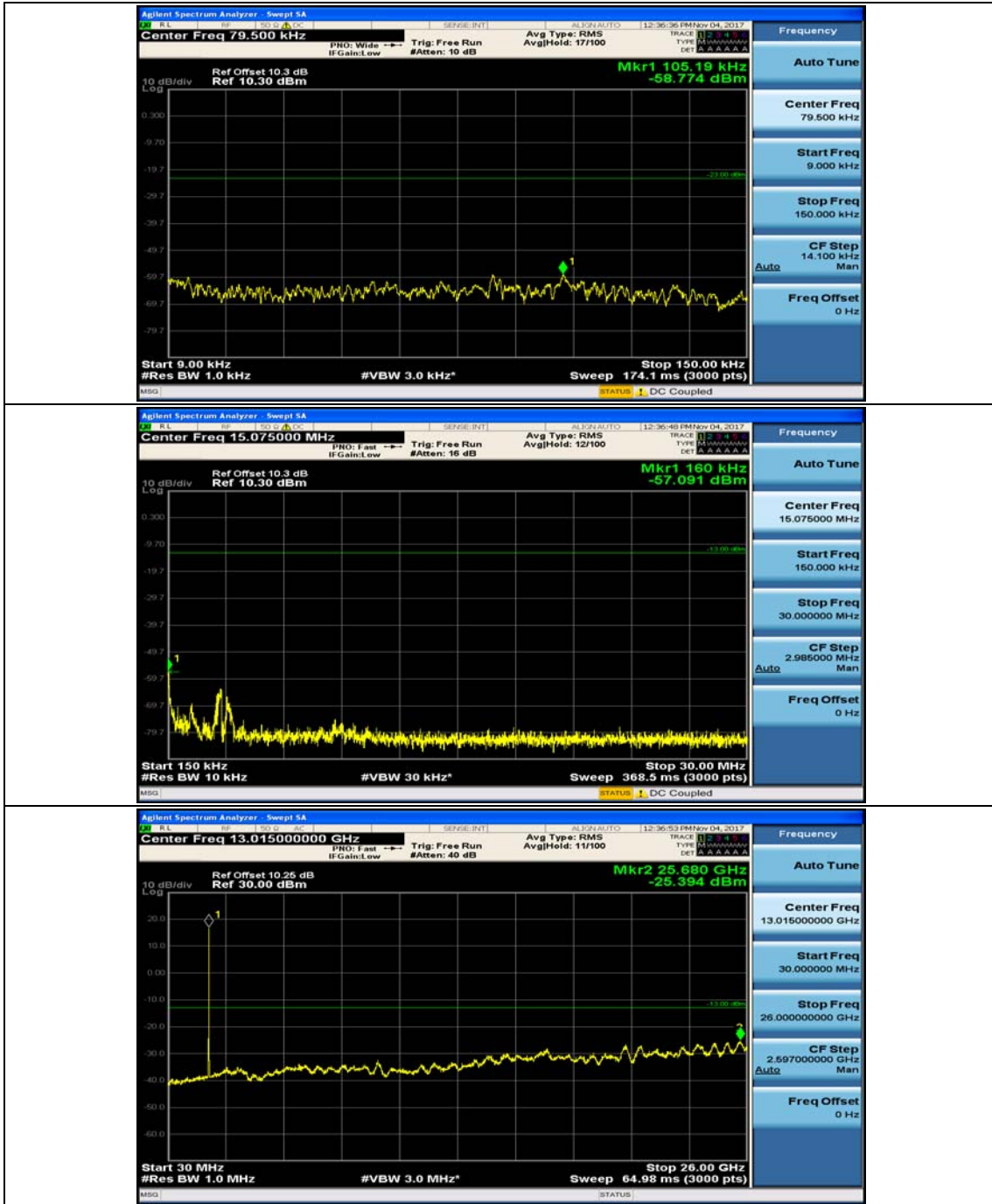




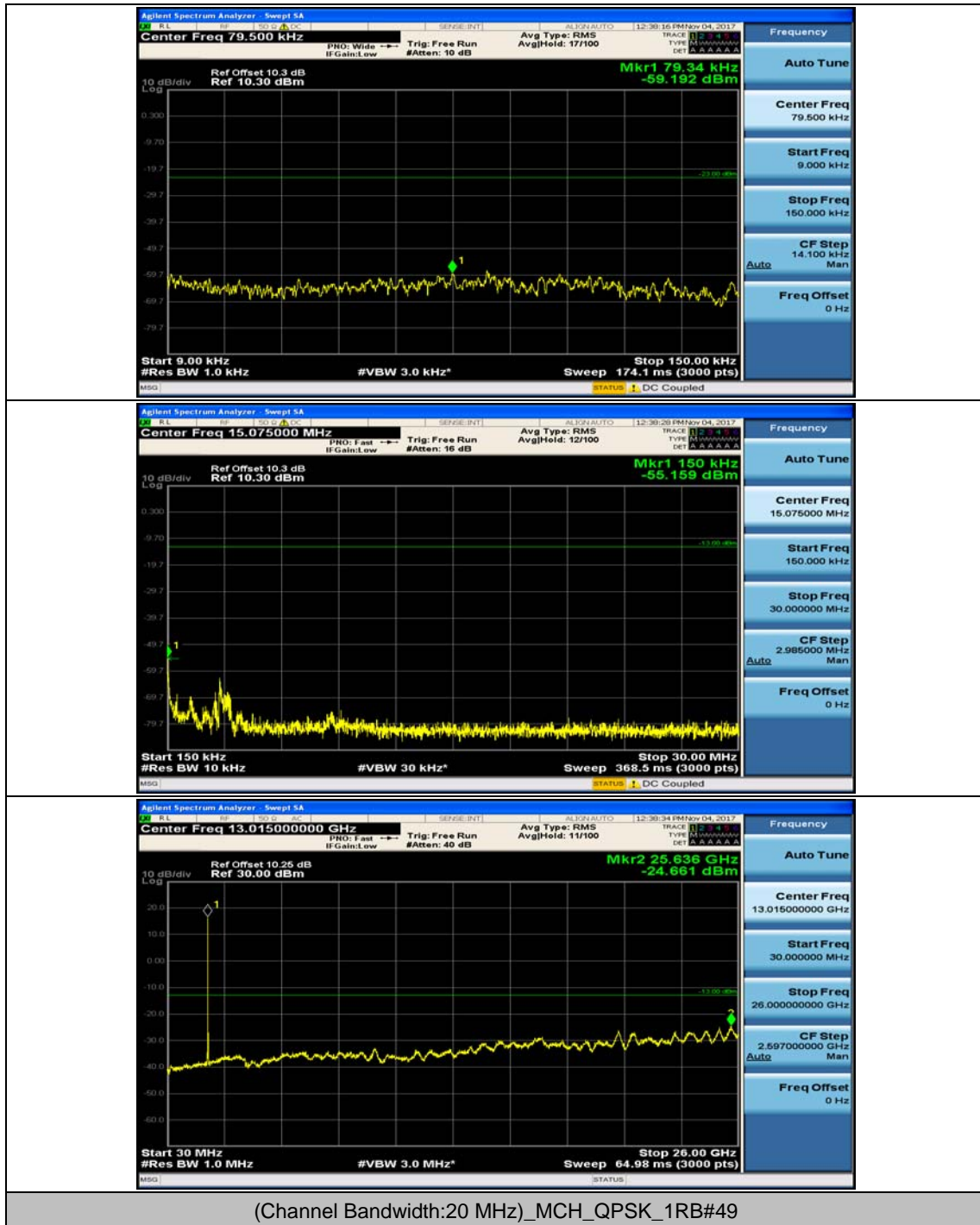
Channel Bandwidth: 20 MHz

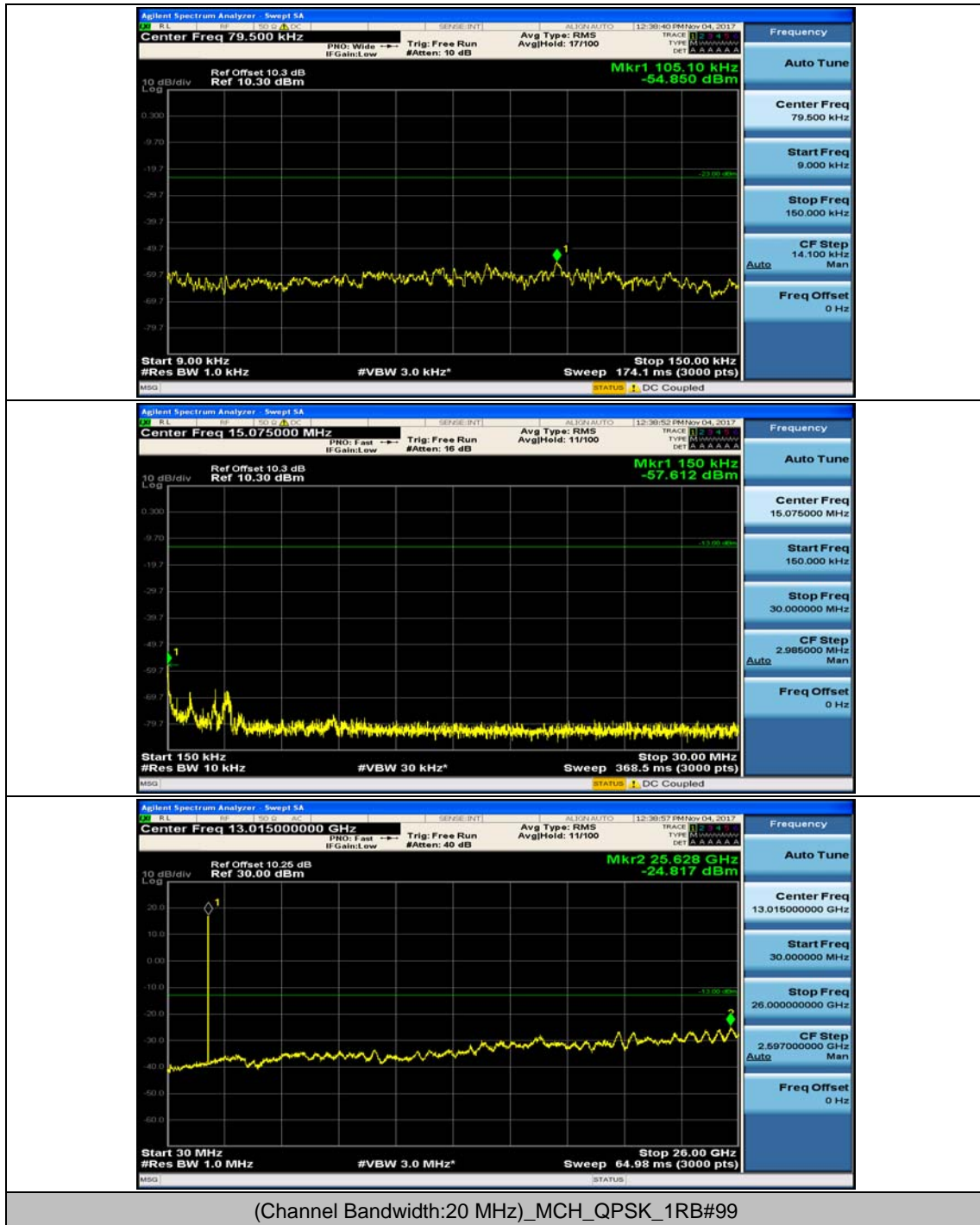


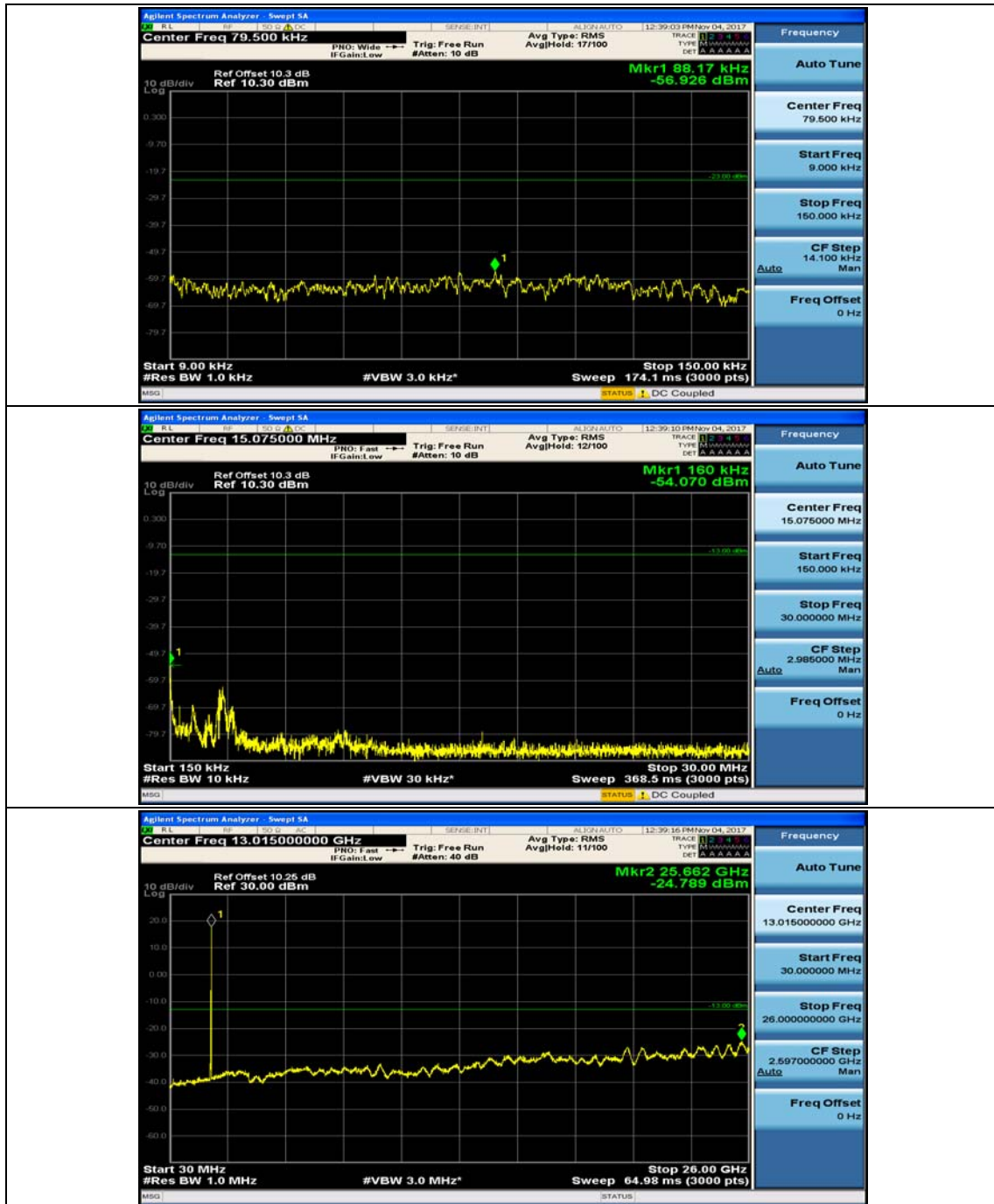




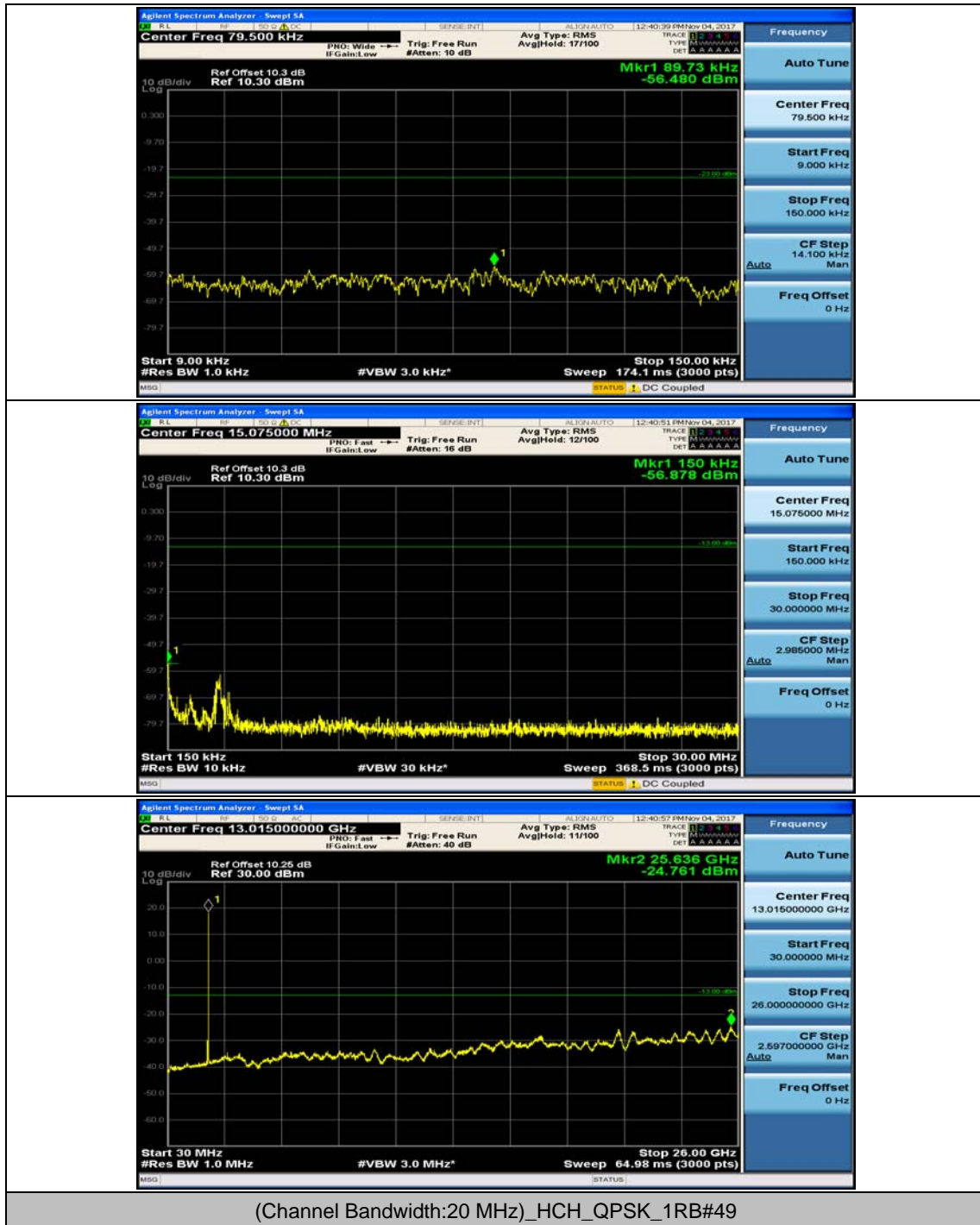
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0

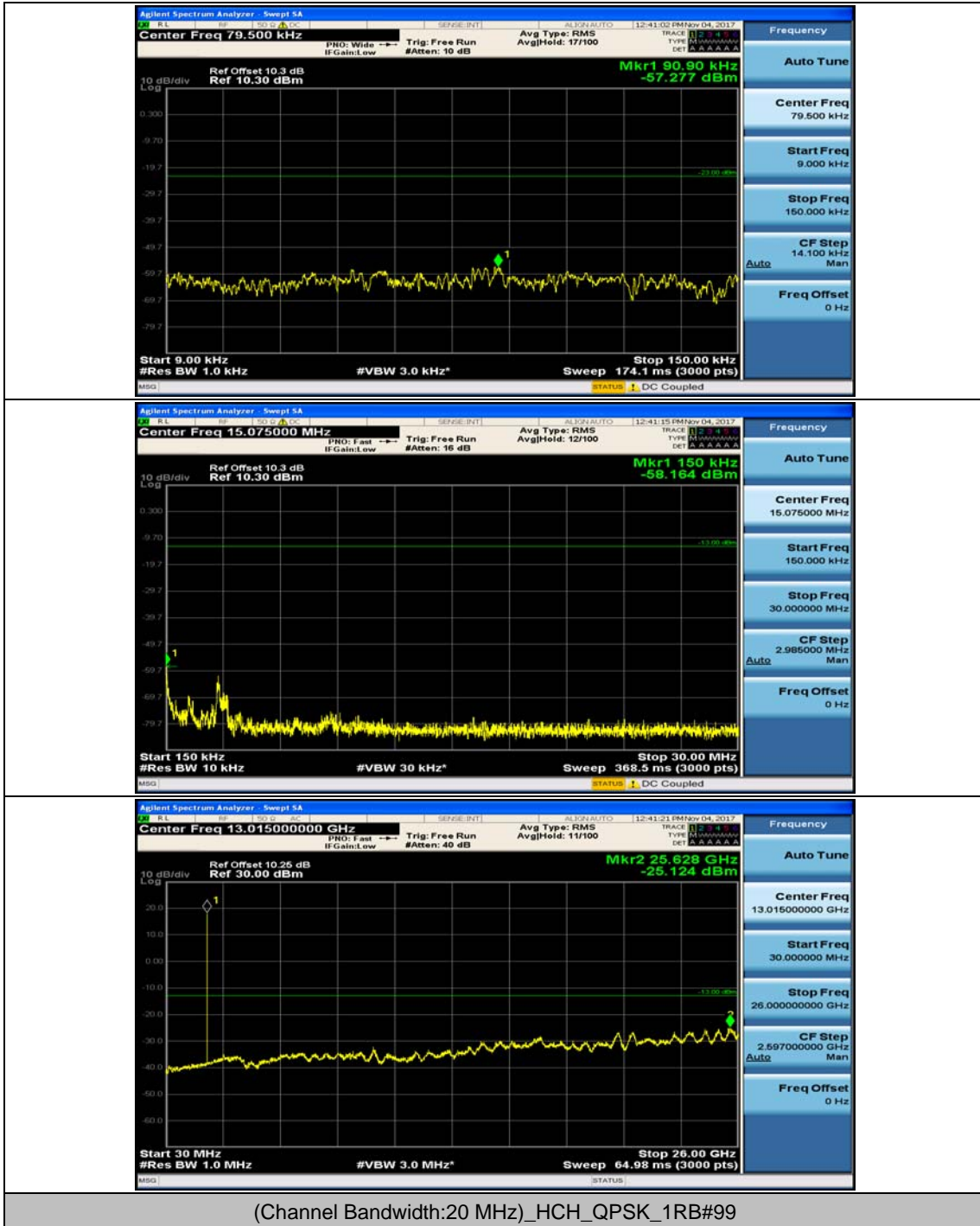


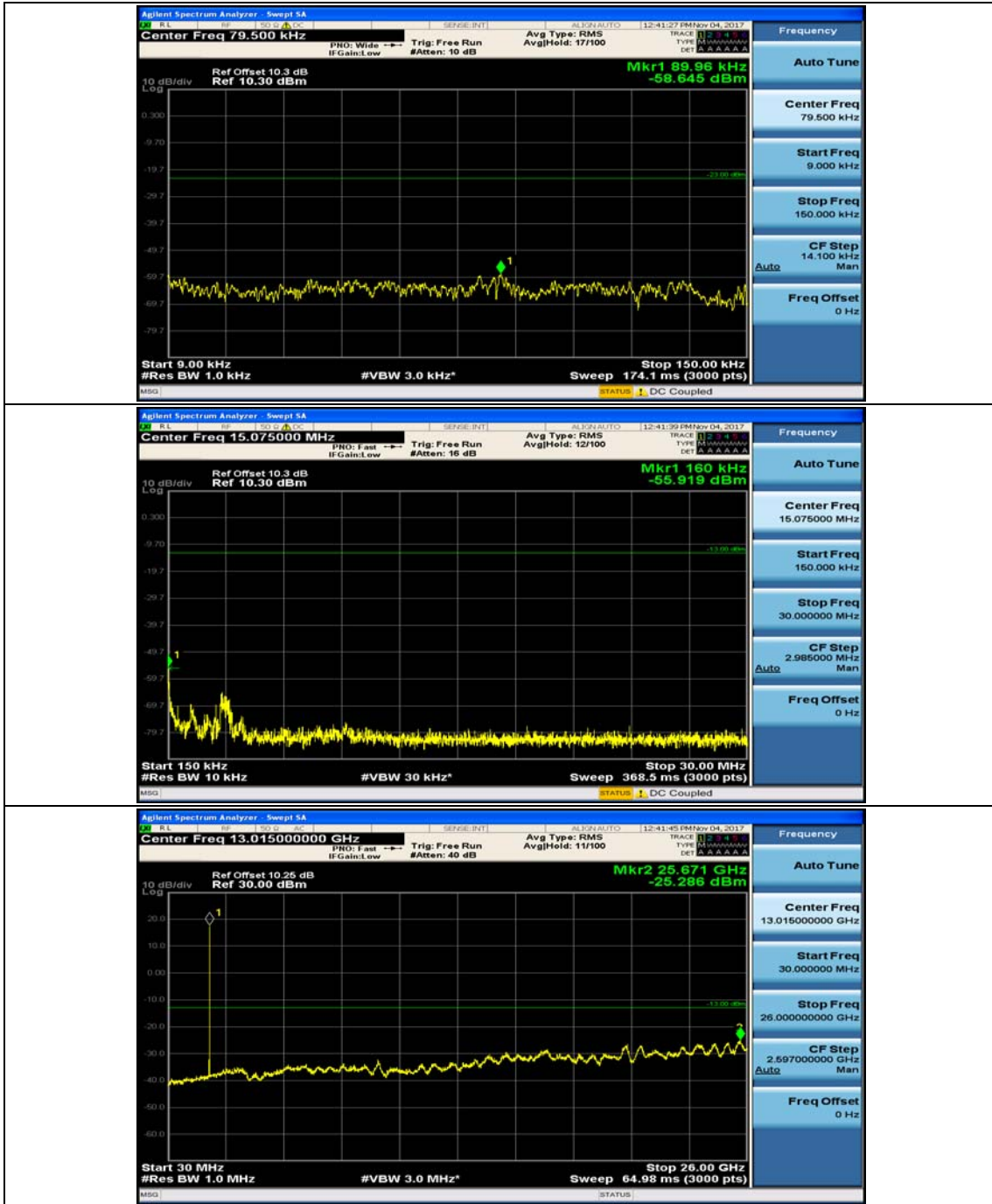




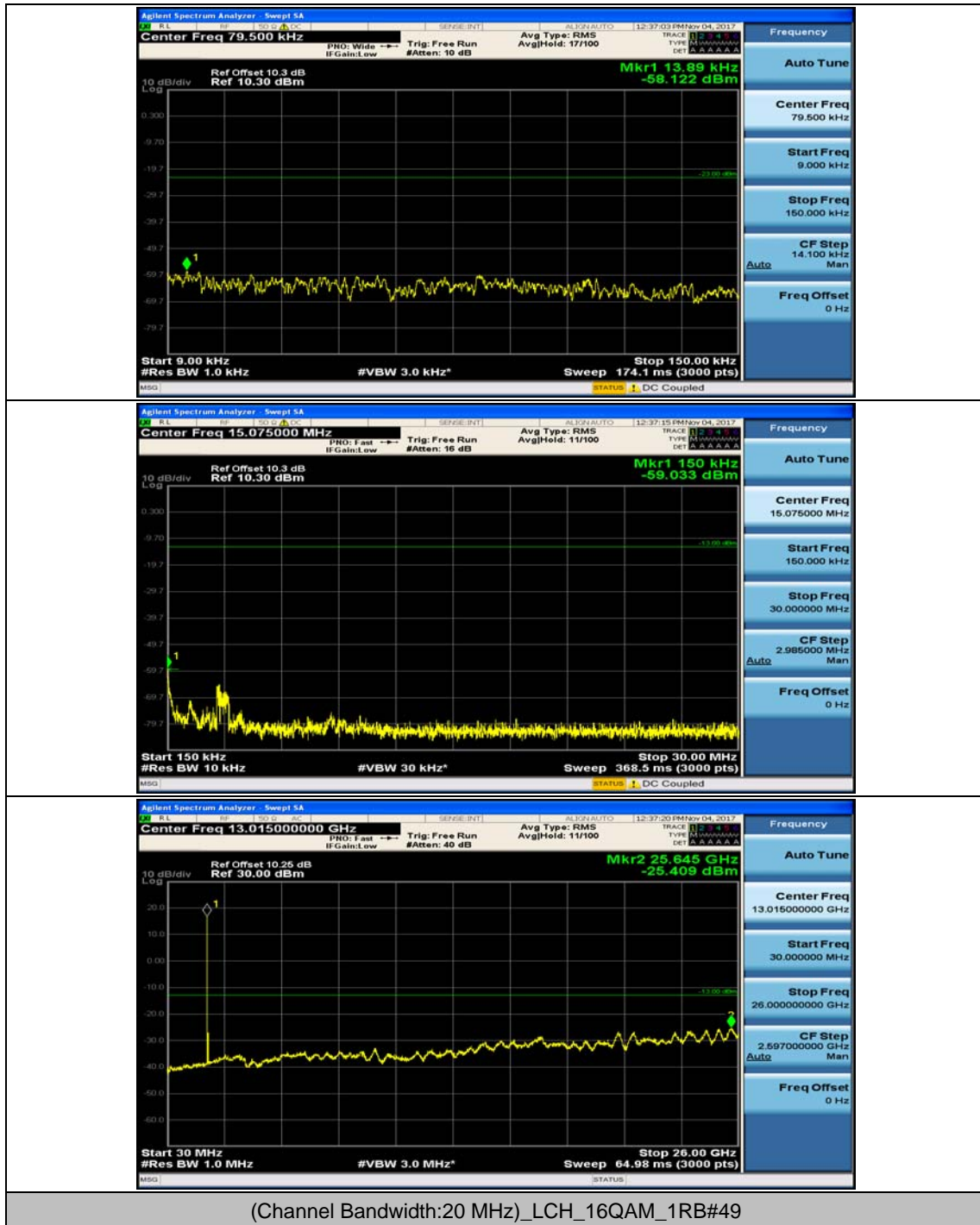
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0

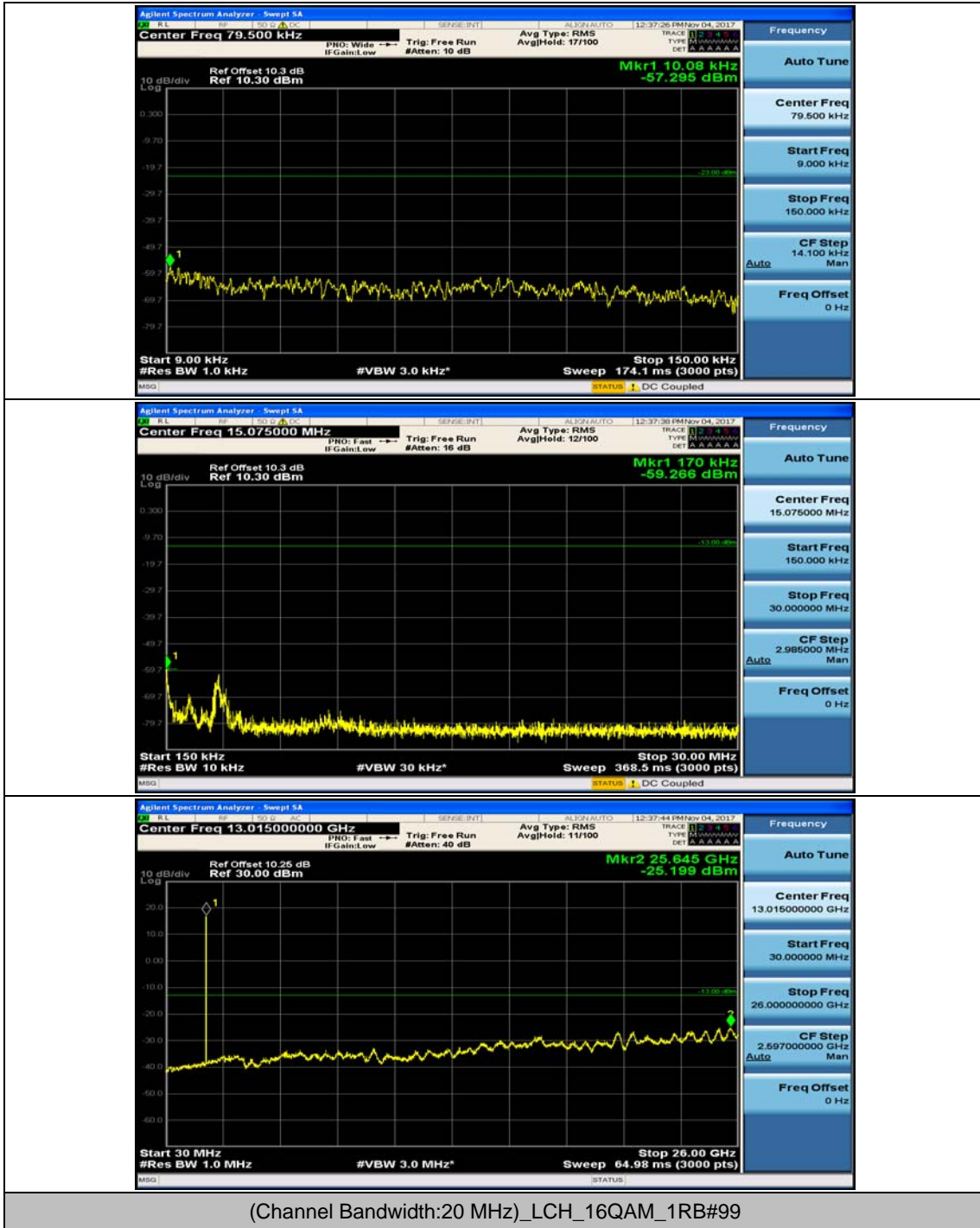


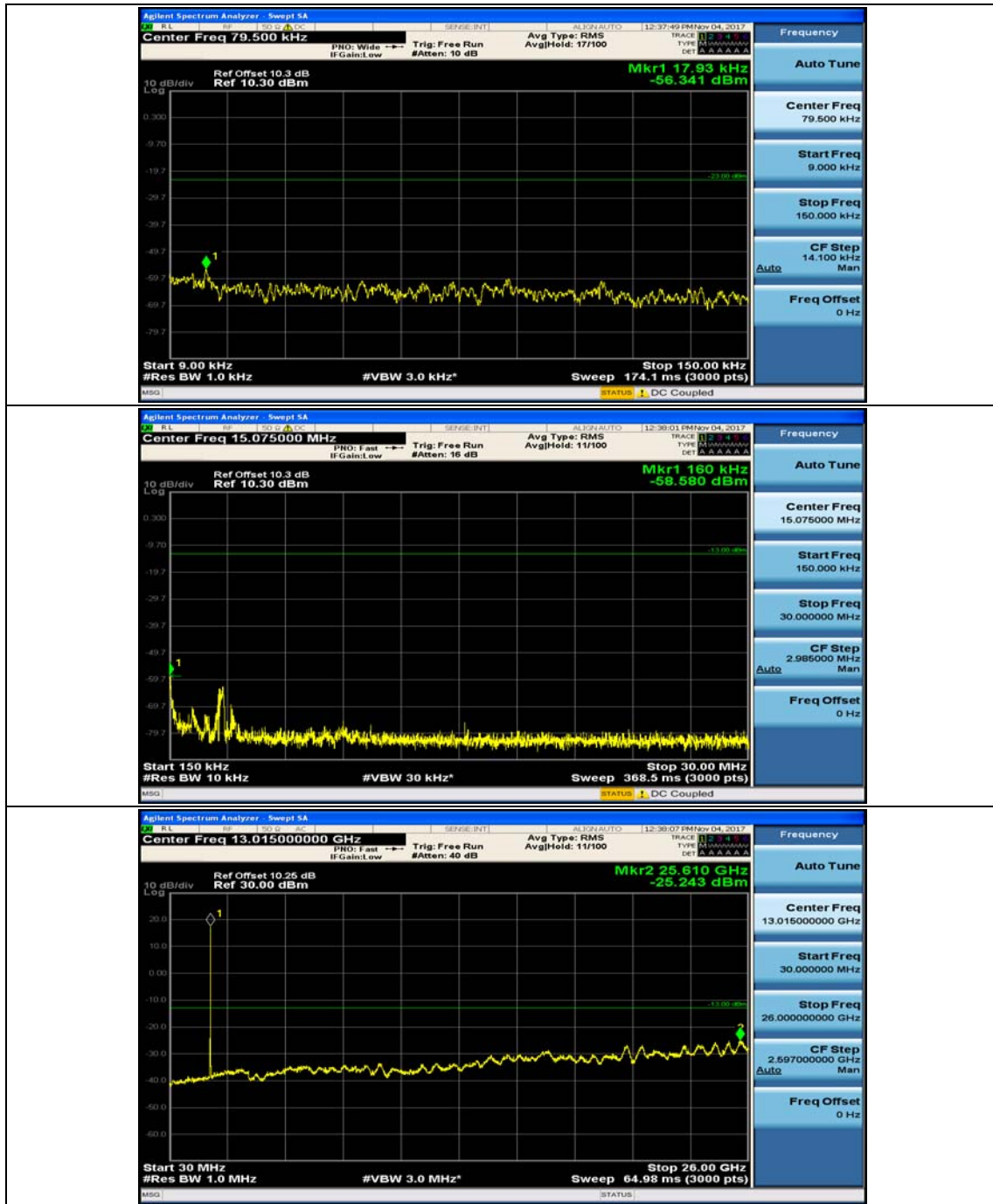




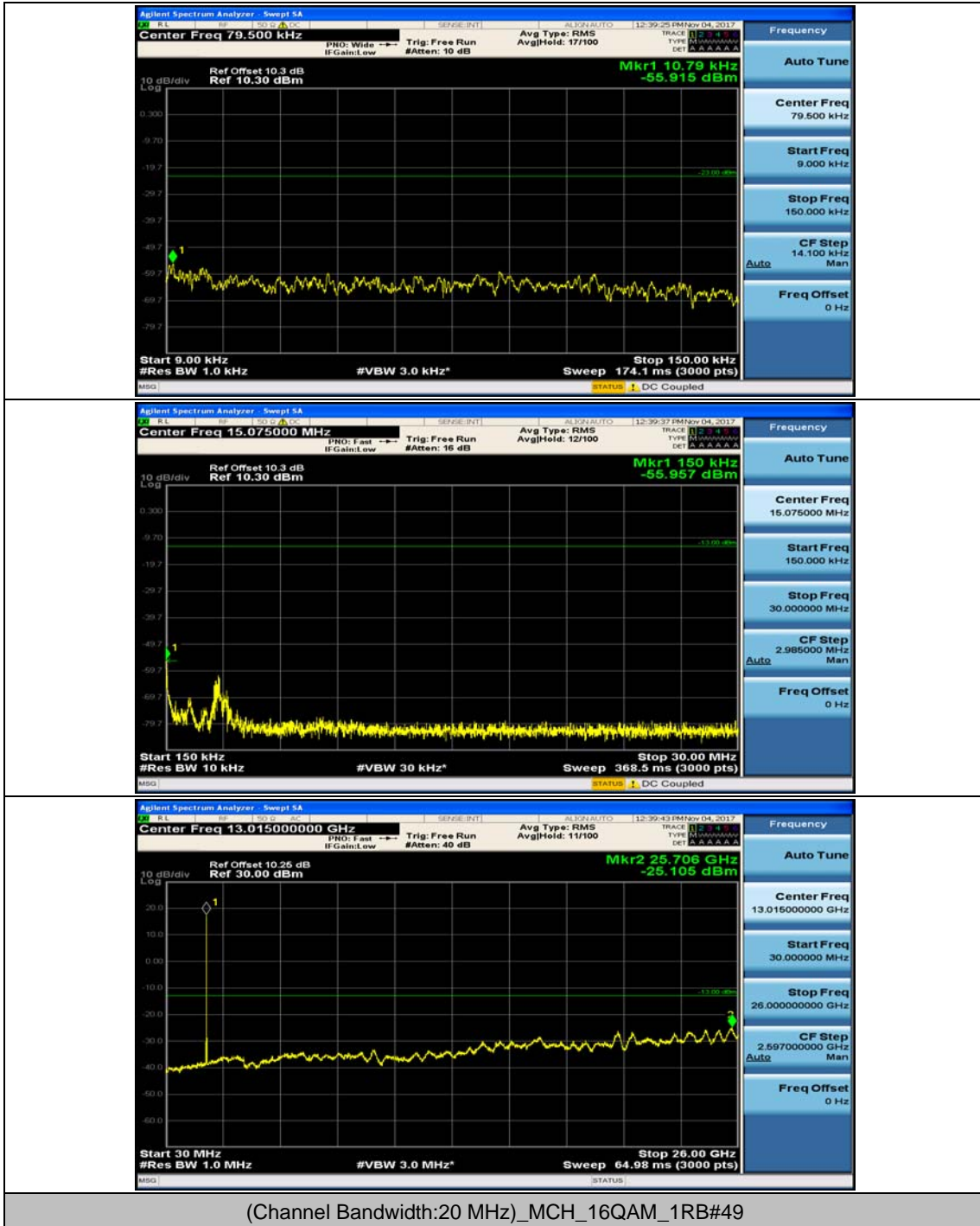
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0

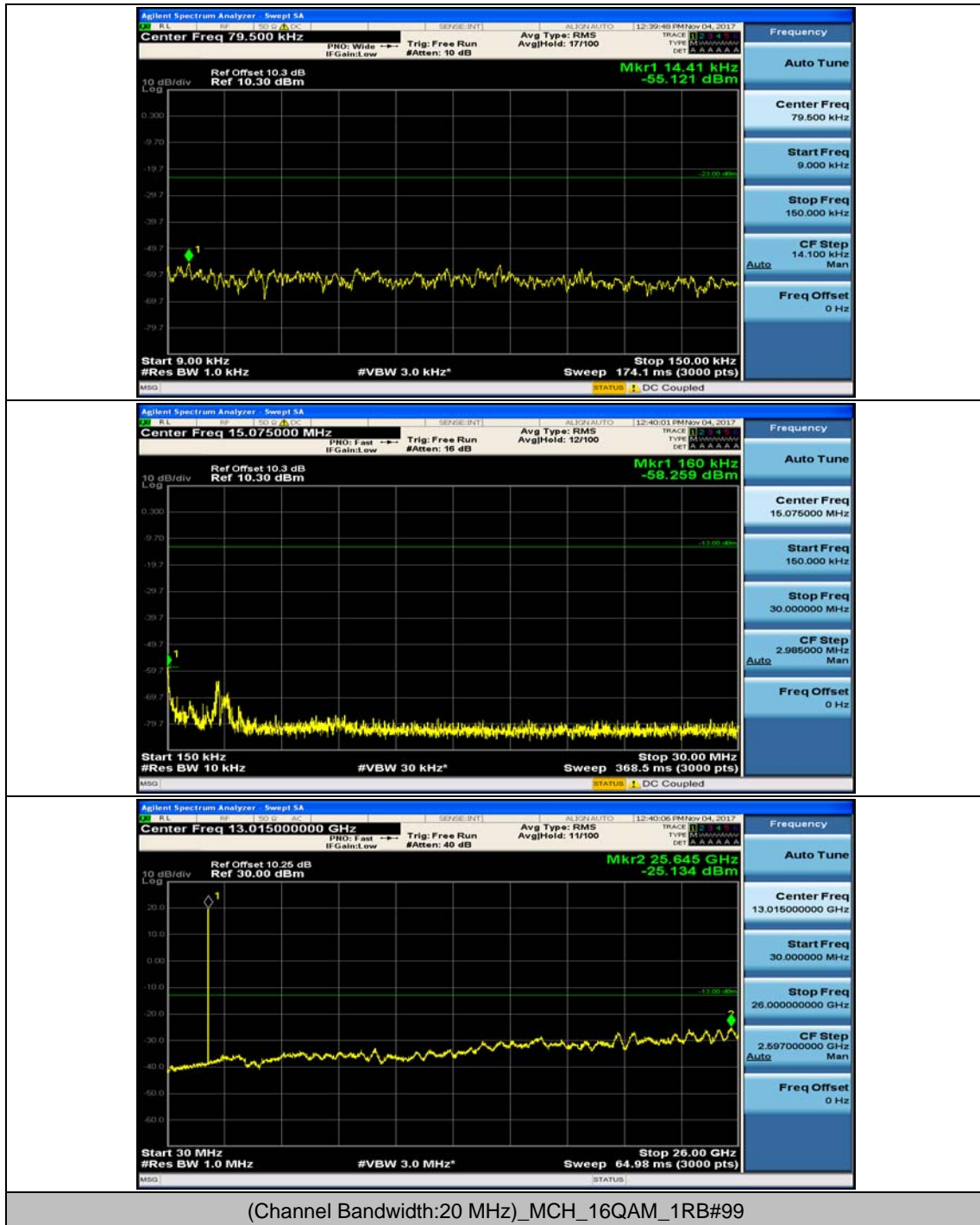


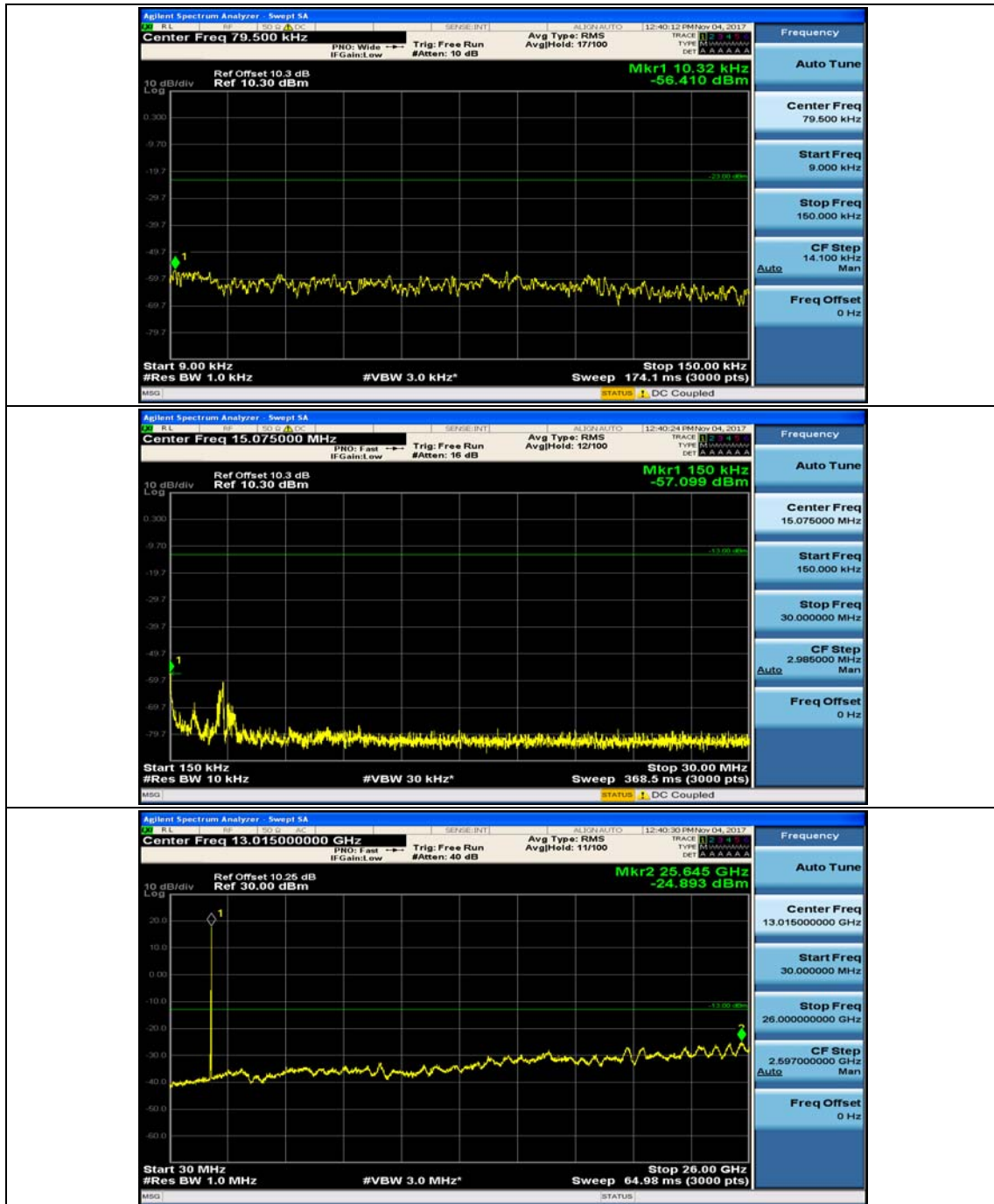




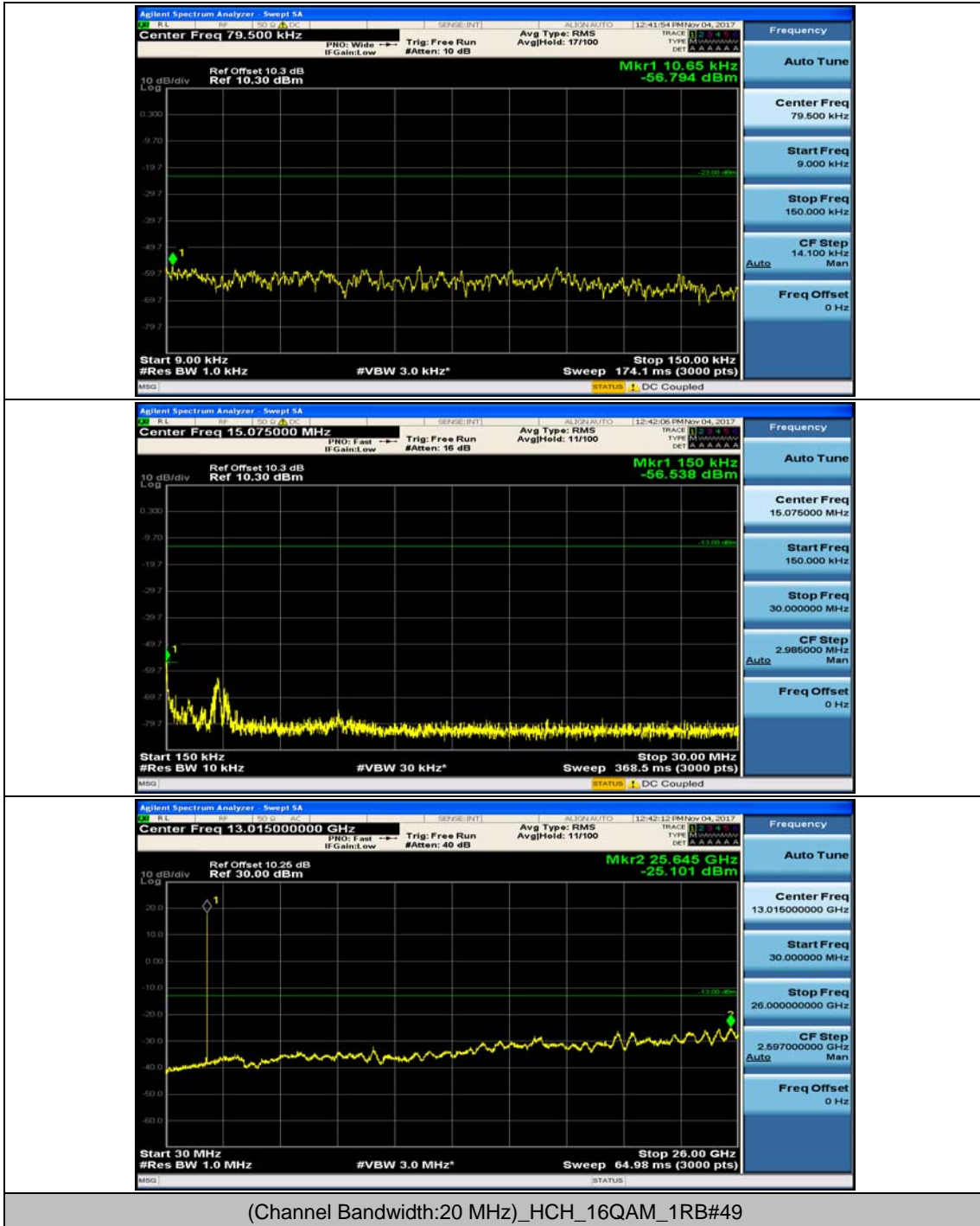
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0

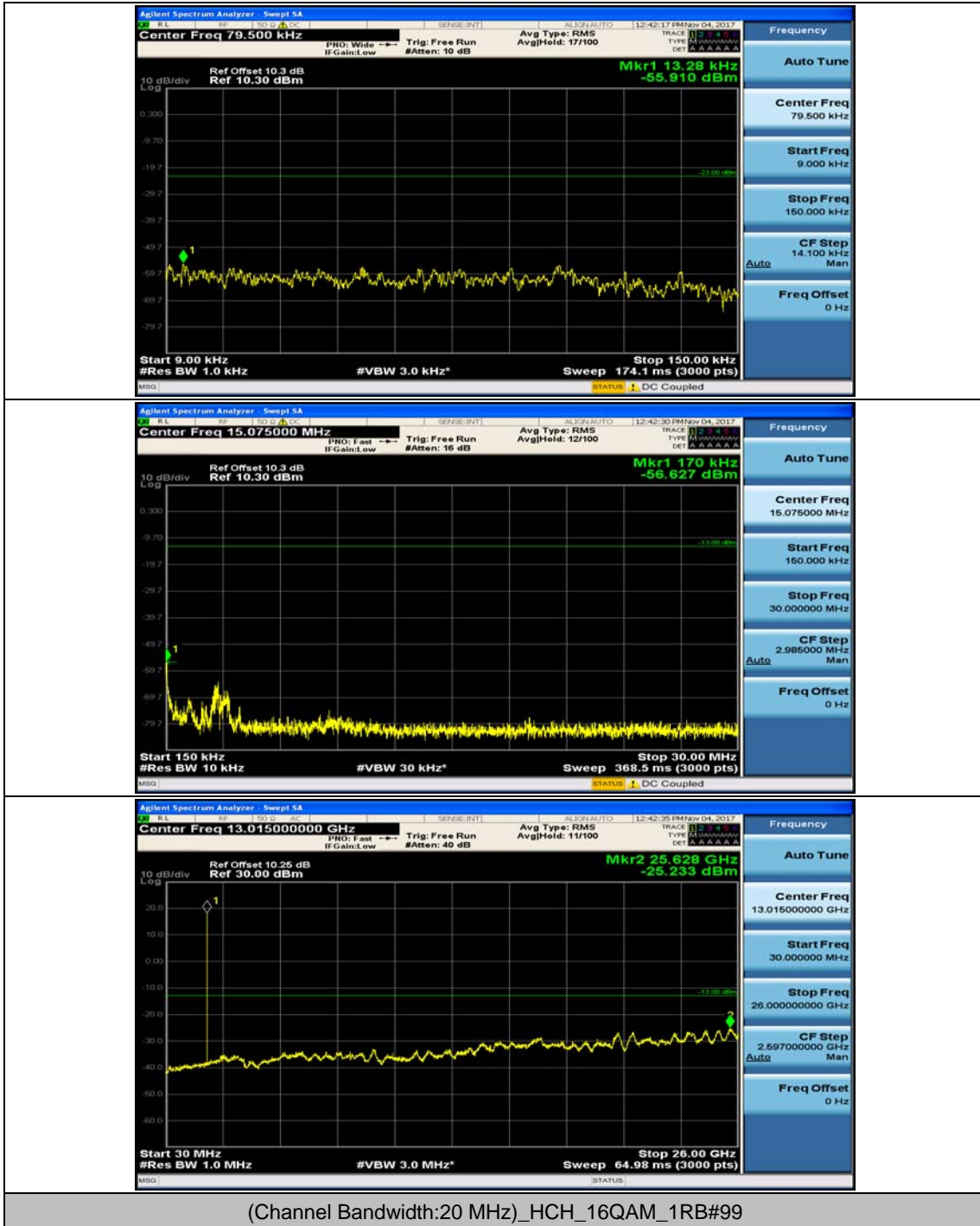


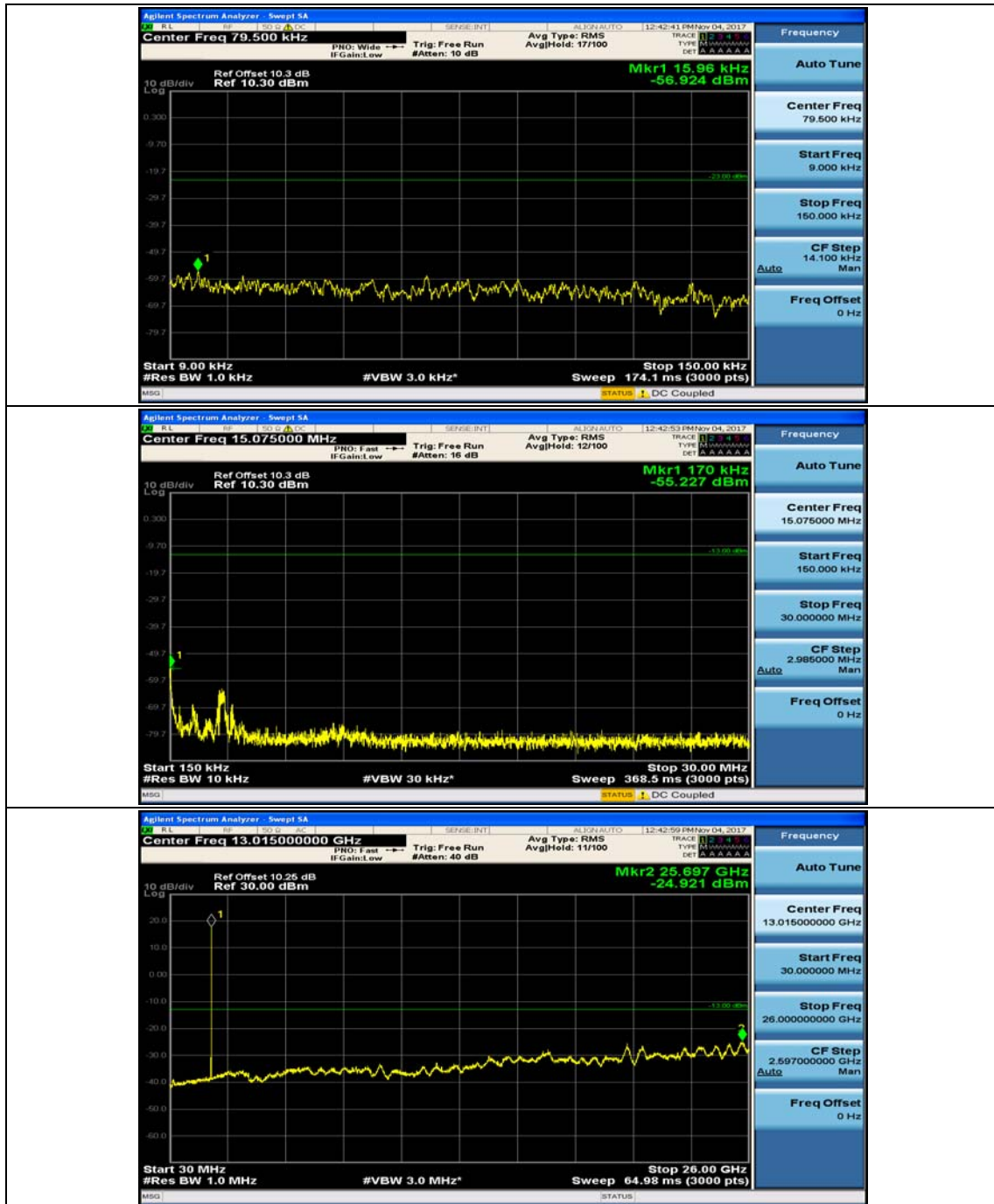




(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0







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	0.14	0.000076	± 2.5	PASS
		VN	TN	-0.63	-0.000340	± 2.5	PASS
		VH	TN	-0.48	-0.000259	± 2.5	PASS
	MCH	VL	TN	4.84	0.002574	± 2.5	PASS
		VN	TN	1.26	0.000670	± 2.5	PASS
		VH	TN	-0.02	-0.000011	± 2.5	PASS
	HCH	VL	TN	2.79	0.001461	± 2.5	PASS
		VN	TN	-0.88	-0.000461	± 2.5	PASS
		VH	TN	4.92	0.002577	± 2.5	PASS
16QAM	LCH	VL	TN	2.16	0.001167	± 2.5	PASS
		VN	TN	-1.86	-0.001005	± 2.5	PASS
		VH	TN	0.5	0.000270	± 2.5	PASS
	MCH	VL	TN	-1.96	-0.001043	± 2.5	PASS
		VN	TN	3.04	0.001617	± 2.5	PASS
		VH	TN	3.94	0.002096	± 2.5	PASS
	HCH	VL	TN	0.81	0.000424	± 2.5	PASS
		VN	TN	-1.95	-0.001021	± 2.5	PASS
		VH	TN	1.47	0.000770	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	2.41	0.001302	± 2.5	PASS
		VN	-20	-0.05	-0.000027	± 2.5	PASS
		VN	-10	-0.41	-0.000222	± 2.5	PASS
		VN	0	4.3	0.002323	± 2.5	PASS
		VN	10	-1.27	-0.000686	± 2.5	PASS
		VN	20	4.67	0.002523	± 2.5	PASS
		VN	30	-1.93	-0.001043	± 2.5	PASS
		VN	40	-0.12	-0.000065	± 2.5	PASS
	MCH	VN	-30	4.14	0.002202	± 2.5	PASS
		VN	-20	-0.14	-0.000074	± 2.5	PASS

		VN	-10	0.95	0.000505	± 2.5	PASS		
		VN	0	4.49	0.002388	± 2.5	PASS		
		VN	10	1.09	0.000580	± 2.5	PASS		
		VN	20	3.7	0.001968	± 2.5	PASS		
		VN	30	-1.98	-0.001053	± 2.5	PASS		
		VN	40	-0.46	-0.000245	± 2.5	PASS		
		VN	50	-1.69	-0.000899	± 2.5	PASS		
	HCH	VN	-30	-1.91	-0.001000	± 2.5	PASS		
		VN	-20	1.74	0.000911	± 2.5	PASS		
		VN	-10	0.81	0.000424	± 2.5	PASS		
		VN	0	3.68	0.001927	± 2.5	PASS		
		VN	10	3.89	0.002037	± 2.5	PASS		
		VN	20	-0.34	-0.000178	± 2.5	PASS		
		VN	30	4.97	0.002603	± 2.5	PASS		
		VN	40	0.74	0.000388	± 2.5	PASS		
		VN	50	-0.48	-0.000251	± 2.5	PASS		
		16QAM	LCH	VN	-30	4.1	0.002215	± 2.5	PASS
				VN	-20	4.18	0.002259	± 2.5	PASS
VN	-10			2.96	0.001599	± 2.5	PASS		
VN	0			2.68	0.001448	± 2.5	PASS		
VN	10			-0.91	-0.000492	± 2.5	PASS		
VN	20			-1.71	-0.000924	± 2.5	PASS		
VN	30			-0.62	-0.000335	± 2.5	PASS		
VN	40			0.04	0.000022	± 2.5	PASS		
VN	50			-0.31	-0.000168	± 2.5	PASS		
MCH	VN		-30	0.37	0.000197	± 2.5	PASS		
	VN		-20	2.43	0.001293	± 2.5	PASS		
	VN		-10	0.92	0.000489	± 2.5	PASS		
	VN		0	4.75	0.002527	± 2.5	PASS		
	VN		10	-1.29	-0.000686	± 2.5	PASS		
	VN		20	-0.55	-0.000293	± 2.5	PASS		
	VN		30	3.93	0.002090	± 2.5	PASS		
	VN		40	-1.4	-0.000745	± 2.5	PASS		
	VN		50	-1.8	-0.000957	± 2.5	PASS		
HCH	VN		-30	-0.68	-0.000356	± 2.5	PASS		
	VN		-20	2.11	0.001105	± 2.5	PASS		
	VN		-10	0.61	0.000319	± 2.5	PASS		
	VN		0	-0.97	-0.000508	± 2.5	PASS		
	VN		10	1.62	0.000848	± 2.5	PASS		
	VN		20	2.86	0.001498	± 2.5	PASS		
	VN		30	-0.36	-0.000189	± 2.5	PASS		

		VN	40	1.47	0.000770	± 2.5	PASS
		VN	50	4.34	0.002273	± 2.5	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz+							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	2.92	0.001577	± 2.5	PASS
		VN	TN	1.28	0.000691	± 2.5	PASS
		VH	TN	1.41	0.000762	± 2.5	PASS
	MCH	VL	TN	1.54	0.000819	± 2.5	PASS
		VN	TN	-0.83	-0.000441	± 2.5	PASS
		VH	TN	1.34	0.000713	± 2.5	PASS
	HCH	VL	TN	1.97	0.001032	± 2.5	PASS
		VN	TN	4.58	0.002400	± 2.5	PASS
		VH	TN	2.45	0.001284	± 2.5	PASS
16QAM	LCH	VL	TN	0.18	0.000097	± 2.5	PASS
		VN	TN	2.25	0.001215	± 2.5	PASS
		VH	TN	4.07	0.002198	± 2.5	PASS
	MCH	VL	TN	1.17	0.000622	± 2.5	PASS
		VN	TN	1.46	0.000777	± 2.5	PASS
		VH	TN	-1.28	-0.000681	± 2.5	PASS
	HCH	VL	TN	-0.56	-0.000293	± 2.5	PASS
		VN	TN	0.62	0.000325	± 2.5	PASS
		VH	TN	1.89	0.000990	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.89	-0.001021	± 2.5	PASS
		VN	-20	1.42	0.000767	± 2.5	PASS
		VN	-10	4.11	0.002220	± 2.5	PASS
		VN	0	1.57	0.000848	± 2.5	PASS
		VN	10	2.41	0.001302	± 2.5	PASS
		VN	20	2.72	0.001469	± 2.5	PASS
		VN	30	-0.85	-0.000459	± 2.5	PASS
		VN	40	-1.85	-0.000999	± 2.5	PASS
		VN	50	-0.66	-0.000356	± 2.5	PASS
	MCH	VN	-30	1.13	0.000601	± 2.5	PASS
		VN	-20	3.11	0.001654	± 2.5	PASS
		VN	-10	4.16	0.002213	± 2.5	PASS

		VN	0	1.69	0.000899	± 2.5	PASS		
		VN	10	1.31	0.000697	± 2.5	PASS		
		VN	20	-0.58	-0.000309	± 2.5	PASS		
		VN	30	-1.27	-0.000676	± 2.5	PASS		
		VN	40	2.12	0.001128	± 2.5	PASS		
		VN	50	4.74	0.002521	± 2.5	PASS		
	HCH	VN	-30	0.67	0.000351	± 2.5	PASS		
		VN	-20	0.62	0.000325	± 2.5	PASS		
		VN	-10	-0.31	-0.000162	± 2.5	PASS		
		VN	0	1.78	0.000933	± 2.5	PASS		
		VN	10	2.47	0.001294	± 2.5	PASS		
		VN	20	3.6	0.001886	± 2.5	PASS		
		VN	30	2.65	0.001389	± 2.5	PASS		
		VN	40	4.81	0.002520	± 2.5	PASS		
		VN	50	4.25	0.002227	± 2.5	PASS		
		16QAM	LCH	VN	-30	1.26	0.000681	± 2.5	PASS
				VN	-20	-1.42	-0.000767	± 2.5	PASS
				VN	-10	2.98	0.001610	± 2.5	PASS
VN	0			-0.04	-0.000022	± 2.5	PASS		
VN	10			4.56	0.002463	± 2.5	PASS		
VN	20			1.81	0.000978	± 2.5	PASS		
VN	30			2.34	0.001264	± 2.5	PASS		
VN	40			0.72	0.000389	± 2.5	PASS		
VN	50			0.67	0.000362	± 2.5	PASS		
MCH	VN		-30	1.13	0.000601	± 2.5	PASS		
	VN		-20	3.66	0.001947	± 2.5	PASS		
	VN		-10	4.32	0.002298	± 2.5	PASS		
	VN		0	0.68	0.000362	± 2.5	PASS		
	VN		10	2.58	0.001372	± 2.5	PASS		
	VN		20	3.39	0.001803	± 2.5	PASS		
	VN		30	-1.27	-0.000676	± 2.5	PASS		
	VN		40	0.34	0.000181	± 2.5	PASS		
	VN		50	0.28	0.000149	± 2.5	PASS		
HCH	VN		-30	3.24	0.001698	± 2.5	PASS		
	VN		-20	2.55	0.001336	± 2.5	PASS		
	VN		-10	0.31	0.000162	± 2.5	PASS		
	VN		0	2.54	0.001331	± 2.5	PASS		
	VN		10	1.59	0.000833	± 2.5	PASS		
	VN		20	-1.1	-0.000576	± 2.5	PASS		
	VN		30	0.21	0.000110	± 2.5	PASS		
	VN		40	1.2	0.000629	± 2.5	PASS		

		VN	50	0.51	0.000267	± 2.5	PASS
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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	4.21	0.002273	± 2.5	PASS
		VN	TN	2.19	0.001182	± 2.5	PASS
		VH	TN	4.51	0.002435	± 2.5	PASS
	MCH	VL	TN	2.24	0.001191	± 2.5	PASS
		VN	TN	4.48	0.002383	± 2.5	PASS
		VH	TN	2.9	0.001543	± 2.5	PASS
	HCH	VL	TN	-1.77	-0.000928	± 2.5	PASS
		VN	TN	1.64	0.000860	± 2.5	PASS
		VH	TN	1.48	0.000776	± 2.5	PASS
16QAM	LCH	VL	TN	-1.95	-0.001053	± 2.5	PASS
		VN	TN	-1.38	-0.000745	± 2.5	PASS
		VH	TN	0.98	0.000529	± 2.5	PASS
	MCH	VL	TN	1.17	0.000622	± 2.5	PASS
		VN	TN	3.5	0.001862	± 2.5	PASS
		VH	TN	2.69	0.001431	± 2.5	PASS
	HCH	VL	TN	2.17	0.001138	± 2.5	PASS
		VN	TN	-0.27	-0.000142	± 2.5	PASS
		VH	TN	2.55	0.001337	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	4.21	0.002273	± 2.5	PASS
		VN	-20	2.19	0.001182	± 2.5	PASS
		VN	-10	4.51	0.002435	± 2.5	PASS
		VN	0	2.24	0.001191	± 2.5	PASS
		VN	10	4.48	0.002383	± 2.5	PASS
		VN	20	2.9	0.001543	± 2.5	PASS
		VN	30	-1.77	-0.000928	± 2.5	PASS
		VN	40	1.64	0.000860	± 2.5	PASS
		VN	50	1.48	0.000776	± 2.5	PASS
	MCH	VN	-30	-1.95	-0.001053	± 2.5	PASS
		VN	-20	-1.38	-0.000745	± 2.5	PASS
		VN	-10	0.98	0.000529	± 2.5	PASS
		VN	0	1.17	0.000622	± 2.5	PASS

		VN	10	3.5	0.001862	± 2.5	PASS
		VN	20	2.69	0.001431	± 2.5	PASS
		VN	30	2.17	0.001138	± 2.5	PASS
		VN	40	-0.27	-0.000142	± 2.5	PASS
		VN	50	2.55	0.001337	± 2.5	PASS
	HCH	VN	-30	4.21	0.002273	± 2.5	PASS
		VN	-20	2.19	0.001182	± 2.5	PASS
		VN	-10	4.51	0.002435	± 2.5	PASS
		VN	0	2.24	0.001191	± 2.5	PASS
		VN	10	4.48	0.002383	± 2.5	PASS
		VN	20	2.9	0.001543	± 2.5	PASS
		VN	30	-1.77	-0.000928	± 2.5	PASS
		VN	40	1.64	0.000860	± 2.5	PASS
		VN	50	1.48	0.000776	± 2.5	PASS
		16QAM	LCH	VN	-30	-1.95	-0.001053
VN	-20			-1.38	-0.000745	± 2.5	PASS
VN	-10			0.98	0.000529	± 2.5	PASS
VN	0			1.17	0.000622	± 2.5	PASS
VN	10			3.5	0.001862	± 2.5	PASS
VN	20			2.69	0.001431	± 2.5	PASS
VN	30			2.17	0.001138	± 2.5	PASS
VN	40			-0.27	-0.000142	± 2.5	PASS
VN	50			2.55	0.001337	± 2.5	PASS
MCH	VN		-30	4.21	0.002273	± 2.5	PASS
	VN		-20	2.19	0.001182	± 2.5	PASS
	VN		-10	4.51	0.002435	± 2.5	PASS
	VN		0	2.24	0.001191	± 2.5	PASS
	VN		10	4.48	0.002383	± 2.5	PASS
	VN		20	2.9	0.001543	± 2.5	PASS
	VN		30	-1.77	-0.000928	± 2.5	PASS
	VN		40	1.64	0.000860	± 2.5	PASS
	VN		50	1.48	0.000776	± 2.5	PASS
HCH	VN		-30	-1.95	-0.001053	± 2.5	PASS
	VN		-20	-1.38	-0.000745	± 2.5	PASS
	VN		-10	0.98	0.000529	± 2.5	PASS
	VN		0	1.17	0.000622	± 2.5	PASS
	VN		10	3.5	0.001862	± 2.5	PASS
	VN		20	2.69	0.001431	± 2.5	PASS
	VN		30	2.17	0.001138	± 2.5	PASS
	VN		40	-0.27	-0.000142	± 2.5	PASS
	VN		50	2.55	0.001337	± 2.5	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	-0.04	-0.000022	± 2.5	PASS
		VN	TN	0.66	0.000356	± 2.5	PASS
		VH	TN	3.98	0.002146	± 2.5	PASS
	MCH	VL	TN	2.57	0.001367	± 2.5	PASS
		VN	TN	1.74	0.000926	± 2.5	PASS
		VH	TN	3.73	0.001984	± 2.5	PASS
	HCH	VL	TN	2.73	0.001433	± 2.5	PASS
		VN	TN	2.42	0.001270	± 2.5	PASS
		VH	TN	0.53	0.000278	± 2.5	PASS
16QAM	LCH	VL	TN	-0.99	-0.000534	± 2.5	PASS
		VN	TN	-0.64	-0.000345	± 2.5	PASS
		VH	TN	2.56	0.001380	± 2.5	PASS
	MCH	VL	TN	-0.53	-0.000282	± 2.5	PASS
		VN	TN	2.32	0.001234	± 2.5	PASS
		VH	TN	2.73	0.001452	± 2.5	PASS
	HCH	VL	TN	-0.63	-0.000331	± 2.5	PASS
		VN	TN	4.45	0.002336	± 2.5	PASS
		VH	TN	2.01	0.001055	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	4.1	0.002210	± 2.5	PASS
		VN	-20	-0.34	-0.000183	± 2.5	PASS
		VN	-10	4.28	0.002307	± 2.5	PASS
		VN	0	2.09	0.001127	± 2.5	PASS
		VN	10	2.41	0.001299	± 2.5	PASS
		VN	20	-1.44	-0.000776	± 2.5	PASS
		VN	30	-0.47	-0.000253	± 2.5	PASS
		VN	40	-1.7	-0.000916	± 2.5	PASS
		VN	50	-0.65	-0.000350	± 2.5	PASS
	MCH	VN	-30	0.38	0.000202	± 2.5	PASS
		VN	-20	3.65	0.001941	± 2.5	PASS
		VN	-10	-0.59	-0.000314	± 2.5	PASS
		VN	0	1.84	0.000979	± 2.5	PASS
		VN	10	0.79	0.000420	± 2.5	PASS
		VN	20	-1.32	-0.000702	± 2.5	PASS

		VN	30	-1.48	-0.000787	± 2.5	PASS
		VN	40	1.84	0.000979	± 2.5	PASS
		VN	50	2.65	0.001410	± 2.5	PASS
	HCH	VN	-30	2.41	0.001265	± 2.5	PASS
		VN	-20	1.08	0.000567	± 2.5	PASS
		VN	-10	2.14	0.001123	± 2.5	PASS
		VN	0	1.34	0.000703	± 2.5	PASS
		VN	10	3.7	0.001942	± 2.5	PASS
		VN	20	4.1	0.002152	± 2.5	PASS
		VN	30	4.64	0.002436	± 2.5	PASS
		VN	40	-1.5	-0.000787	± 2.5	PASS
		VN	50	0.08	0.000042	± 2.5	PASS
16QAM	LCH	VN	-30	1.48	0.000798	± 2.5	PASS
		VN	-20	3.14	0.001693	± 2.5	PASS
		VN	-10	-0.72	-0.000388	± 2.5	PASS
		VN	0	4.56	0.002458	± 2.5	PASS
		VN	10	3.07	0.001655	± 2.5	PASS
		VN	20	-0.64	-0.000345	± 2.5	PASS
		VN	30	2.43	0.001310	± 2.5	PASS
		VN	40	1.73	0.000933	± 2.5	PASS
		VN	50	4.37	0.002356	± 2.5	PASS
	MCH	VN	-30	4.65	0.002473	± 2.5	PASS
		VN	-20	-1.32	-0.000702	± 2.5	PASS
		VN	-10	0.48	0.000255	± 2.5	PASS
		VN	0	2.04	0.001085	± 2.5	PASS
		VN	10	3.1	0.001649	± 2.5	PASS
		VN	20	0.07	0.000037	± 2.5	PASS
		VN	30	3.07	0.001633	± 2.5	PASS
		VN	40	1.83	0.000973	± 2.5	PASS
		VN	50	1.56	0.000830	± 2.5	PASS
	HCH	VN	-30	1.21	0.000635	± 2.5	PASS
		VN	-20	1.71	0.000898	± 2.5	PASS
		VN	-10	3.07	0.001612	± 2.5	PASS
		VN	0	4.59	0.002409	± 2.5	PASS
		VN	10	2.37	0.001244	± 2.5	PASS
		VN	20	0.01	0.000005	± 2.5	PASS
		VN	30	1.23	0.000646	± 2.5	PASS
		VN	40	4.38	0.002299	± 2.5	PASS
		VN	50	3.07	0.001612	± 2.5	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	-0.55	-0.000296	± 2.5	PASS
		VN	TN	-1.67	-0.000899	± 2.5	PASS
		VH	TN	1.88	0.001012	± 2.5	PASS
	MCH	VL	TN	4.82	0.002564	± 2.5	PASS
		VN	TN	0.24	0.000128	± 2.5	PASS
		VH	TN	-1.93	-0.001027	± 2.5	PASS
	HCH	VL	TN	-0.87	-0.000457	± 2.5	PASS
		VN	TN	2.53	0.001330	± 2.5	PASS
		VH	TN	2.2	0.001156	± 2.5	PASS
16QAM	LCH	VL	TN	4.08	0.002197	± 2.5	PASS
		VN	TN	3.65	0.001965	± 2.5	PASS
		VH	TN	0.36	0.000194	± 2.5	PASS
	MCH	VL	TN	0.74	0.000394	± 2.5	PASS
		VN	TN	-0.05	-0.000027	± 2.5	PASS
		VH	TN	-0.64	-0.000340	± 2.5	PASS
	HCH	VL	TN	4.83	0.002539	± 2.5	PASS
		VN	TN	-0.78	-0.000410	± 2.5	PASS
		VH	TN	3.25	0.001708	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	0.36	0.000194	± 2.5	PASS
		VN	-20	3.35	0.001803	± 2.5	PASS
		VN	-10	1.38	0.000743	± 2.5	PASS
		VN	0	4.34	0.002336	± 2.5	PASS
		VN	10	3.73	0.002008	± 2.5	PASS
		VN	20	2.25	0.001211	± 2.5	PASS
		VN	30	-0.08	-0.000043	± 2.5	PASS
		VN	40	3.72	0.002003	± 2.5	PASS
		VN	50	2.54	0.001367	± 2.5	PASS
	MCH	VN	-30	0.68	0.000362	± 2.5	PASS
		VN	-20	-0.94	-0.000500	± 2.5	PASS
		VN	-10	-0.12	-0.000064	± 2.5	PASS
		VN	0	4.26	0.002266	± 2.5	PASS
		VN	10	2.33	0.001239	± 2.5	PASS
		VN	20	-1.98	-0.001053	± 2.5	PASS

		VN	30	2.35	0.001250	± 2.5	PASS
		VN	40	-0.97	-0.000516	± 2.5	PASS
		VN	50	3.88	0.002064	± 2.5	PASS
	HCH	VN	-30	-0.85	-0.000447	± 2.5	PASS
		VN	-20	1.91	0.001004	± 2.5	PASS
		VN	-10	-1.77	-0.000930	± 2.5	PASS
		VN	0	-1.09	-0.000573	± 2.5	PASS
		VN	10	-0.88	-0.000463	± 2.5	PASS
		VN	20	-1.81	-0.000951	± 2.5	PASS
		VN	30	3.88	0.002039	± 2.5	PASS
		VN	40	0.21	0.000110	± 2.5	PASS
		VN	50	-1.17	-0.000615	± 2.5	PASS
		16QAM	LCH	VN	-30	1.9	0.001023
VN	-20			-1.95	-0.001050	± 2.5	PASS
VN	-10			2.34	0.001260	± 2.5	PASS
VN	0			3.64	0.001960	± 2.5	PASS
VN	10			-0.53	-0.000285	± 2.5	PASS
VN	20			2.59	0.001394	± 2.5	PASS
VN	30			-1.9	-0.001023	± 2.5	PASS
VN	40			2.21	0.001190	± 2.5	PASS
VN	50			1.93	0.001039	± 2.5	PASS
MCH	VN		-30	-1.68	-0.000894	± 2.5	PASS
	VN		-20	0.82	0.000436	± 2.5	PASS
	VN		-10	0.07	0.000037	± 2.5	PASS
	VN		0	0.41	0.000218	± 2.5	PASS
	VN		10	3.65	0.001941	± 2.5	PASS
	VN		20	0.12	0.000064	± 2.5	PASS
	VN		30	4.13	0.002197	± 2.5	PASS
	VN		40	-0.9	-0.000479	± 2.5	PASS
	VN		50	4.82	0.002564	± 2.5	PASS
HCH	VN		-30	0.99	0.000520	± 2.5	PASS
	VN		-20	3.69	0.001940	± 2.5	PASS
	VN		-10	2.93	0.001540	± 2.5	PASS
	VN		0	4.8	0.002523	± 2.5	PASS
	VN		10	4.82	0.002534	± 2.5	PASS
	VN		20	2.87	0.001509	± 2.5	PASS
	VN		30	-1.04	-0.000547	± 2.5	PASS
	VN		40	4.09	0.002150	± 2.5	PASS
	VN		50	-1.92	-0.001009	± 2.5	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	4.53	0.002435	± 2.5	PASS
		VN	TN	2.08	0.001118	± 2.5	PASS
		VH	TN	3.61	0.001941	± 2.5	PASS
	MCH	VL	TN	0.63	0.000335	± 2.5	PASS
		VN	TN	4.91	0.002612	± 2.5	PASS
		VH	TN	4.84	0.002574	± 2.5	PASS
	HCH	VL	TN	0.59	0.000311	± 2.5	PASS
		VN	TN	4.98	0.002621	± 2.5	PASS
		VH	TN	0.4	0.000211	± 2.5	PASS
16QAM	LCH	VL	TN	3.18	0.001710	± 2.5	PASS
		VN	TN	-1.32	-0.000710	± 2.5	PASS
		VH	TN	-1.59	-0.000855	± 2.5	PASS
	MCH	VL	TN	2.6	0.001383	± 2.5	PASS
		VN	TN	0.37	0.000197	± 2.5	PASS
		VH	TN	2.98	0.001585	± 2.5	PASS
	HCH	VL	TN	3.32	0.001747	± 2.5	PASS
		VN	TN	-0.02	-0.000011	± 2.5	PASS
		VH	TN	0.57	0.000300	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	4.48	0.002409	± 2.5	PASS
		VN	-20	3.95	0.002124	± 2.5	PASS
		VN	-10	4.71	0.002532	± 2.5	PASS
		VN	0	0.95	0.000511	± 2.5	PASS
		VN	10	0.05	0.000027	± 2.5	PASS
		VN	20	0.14	0.000075	± 2.5	PASS
		VN	30	1.15	0.000618	± 2.5	PASS
		VN	40	1.97	0.001059	± 2.5	PASS
		VN	50	2.69	0.001446	± 2.5	PASS
	MCH	VN	-30	1.53	0.000814	± 2.5	PASS
		VN	-20	1.86	0.000989	± 2.5	PASS
		VN	-10	4.62	0.002457	± 2.5	PASS
		VN	0	4.69	0.002495	± 2.5	PASS
		VN	10	-1.35	-0.000718	± 2.5	PASS
		VN	20	-0.17	-0.000090	± 2.5	PASS

		VN	30	1.42	0.000755	± 2.5	PASS
		VN	40	4.56	0.002426	± 2.5	PASS
		VN	50	-1.68	-0.000894	± 2.5	PASS
	HCH	VN	-30	4.12	0.002168	± 2.5	PASS
		VN	-20	0.12	0.000063	± 2.5	PASS
		VN	-10	2.83	0.001489	± 2.5	PASS
		VN	0	4.55	0.002395	± 2.5	PASS
		VN	10	-0.12	-0.000063	± 2.5	PASS
		VN	20	4.32	0.002274	± 2.5	PASS
		VN	30	1.77	0.000932	± 2.5	PASS
		VN	40	2.53	0.001332	± 2.5	PASS
		VN	50	-1.8	-0.000947	± 2.5	PASS
16QAM	LCH	VN	-30	3.33	0.001790	± 2.5	PASS
		VN	-20	3.53	0.001898	± 2.5	PASS
		VN	-10	4.31	0.002317	± 2.5	PASS
		VN	0	-1.28	-0.000688	± 2.5	PASS
		VN	10	3.98	0.002140	± 2.5	PASS
		VN	20	2.47	0.001328	± 2.5	PASS
		VN	30	2.77	0.001489	± 2.5	PASS
		VN	40	3.74	0.002011	± 2.5	PASS
		VN	50	-0.23	-0.000124	± 2.5	PASS
	MCH	VN	-30	0.71	0.000378	± 2.5	PASS
		VN	-20	1.71	0.000910	± 2.5	PASS
		VN	-10	-1.41	-0.000750	± 2.5	PASS
		VN	0	0.77	0.000410	± 2.5	PASS
		VN	10	4.7	0.002500	± 2.5	PASS
		VN	20	1.07	0.000569	± 2.5	PASS
		VN	30	0.62	0.000330	± 2.5	PASS
		VN	40	3.48	0.001851	± 2.5	PASS
		VN	50	-0.33	-0.000176	± 2.5	PASS
	HCH	VN	-30	3.46	0.001821	± 2.5	PASS
		VN	-20	-1.98	-0.001042	± 2.5	PASS
		VN	-10	1.89	0.000995	± 2.5	PASS
		VN	0	2.72	0.001432	± 2.5	PASS
		VN	10	-1.46	-0.000768	± 2.5	PASS
		VN	20	-0.11	-0.000058	± 2.5	PASS
		VN	30	-1.81	-0.000953	± 2.5	PASS
		VN	40	-1.76	-0.000926	± 2.5	PASS
		VN	50	-0.08	-0.000042	± 2.5	PASS