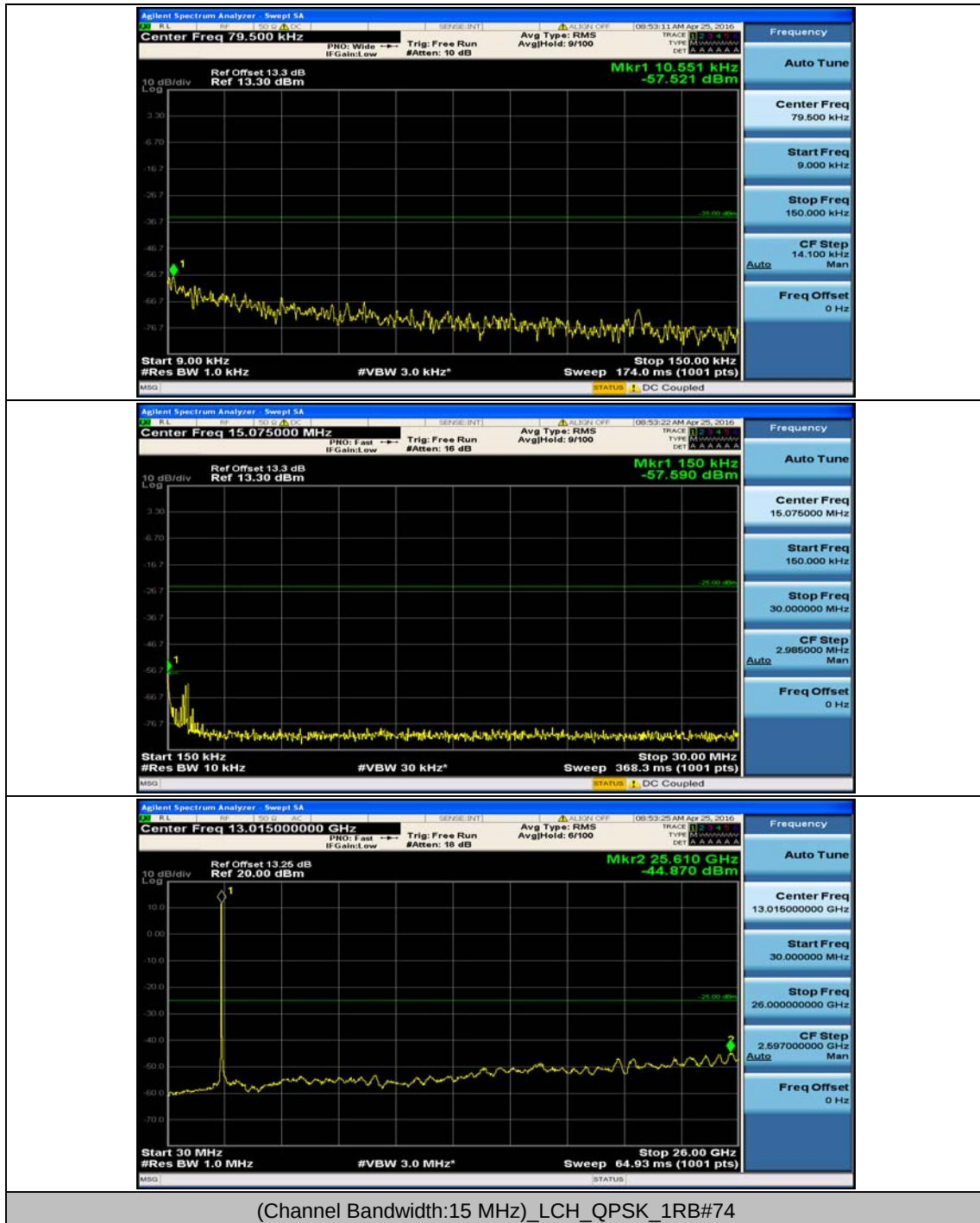
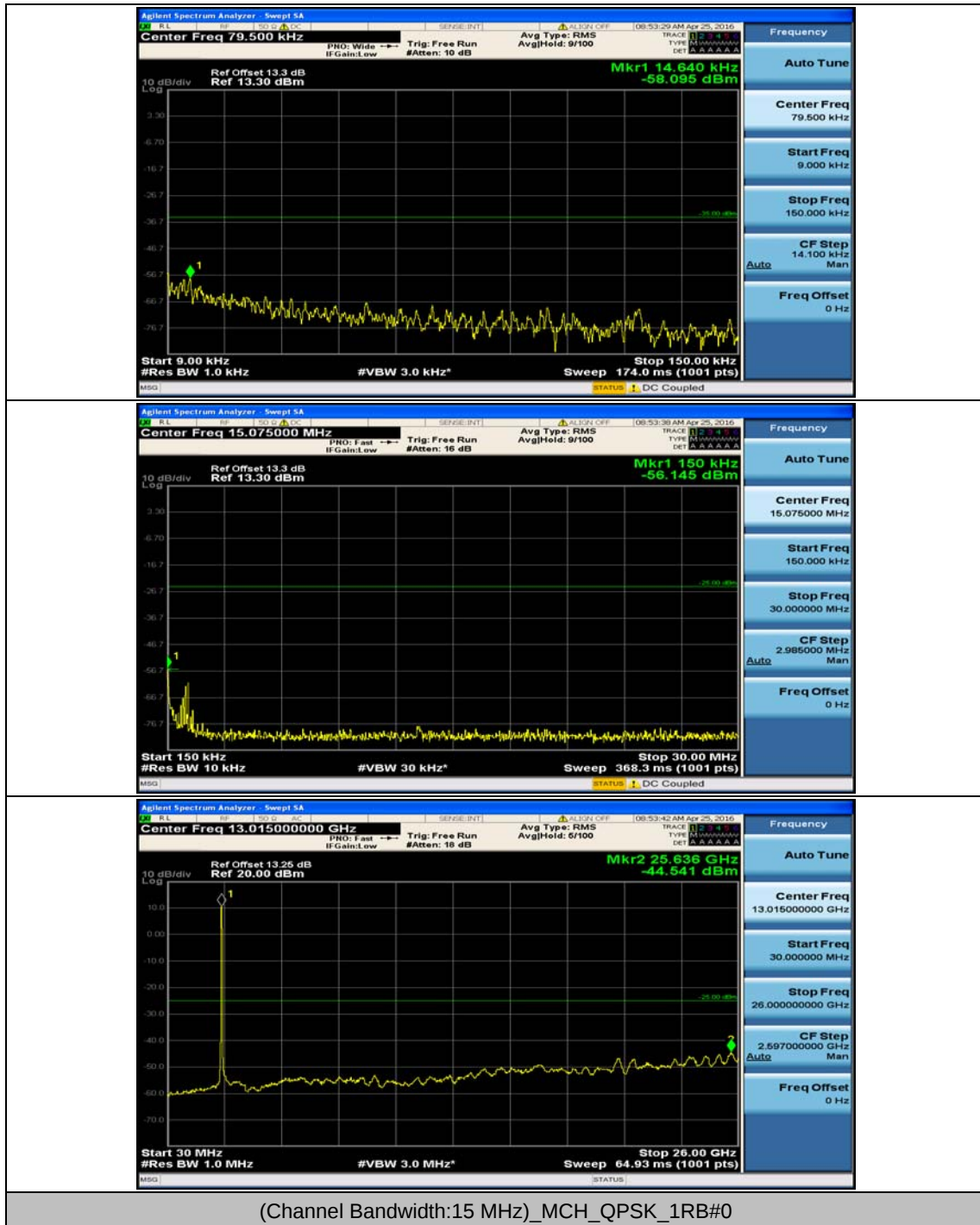
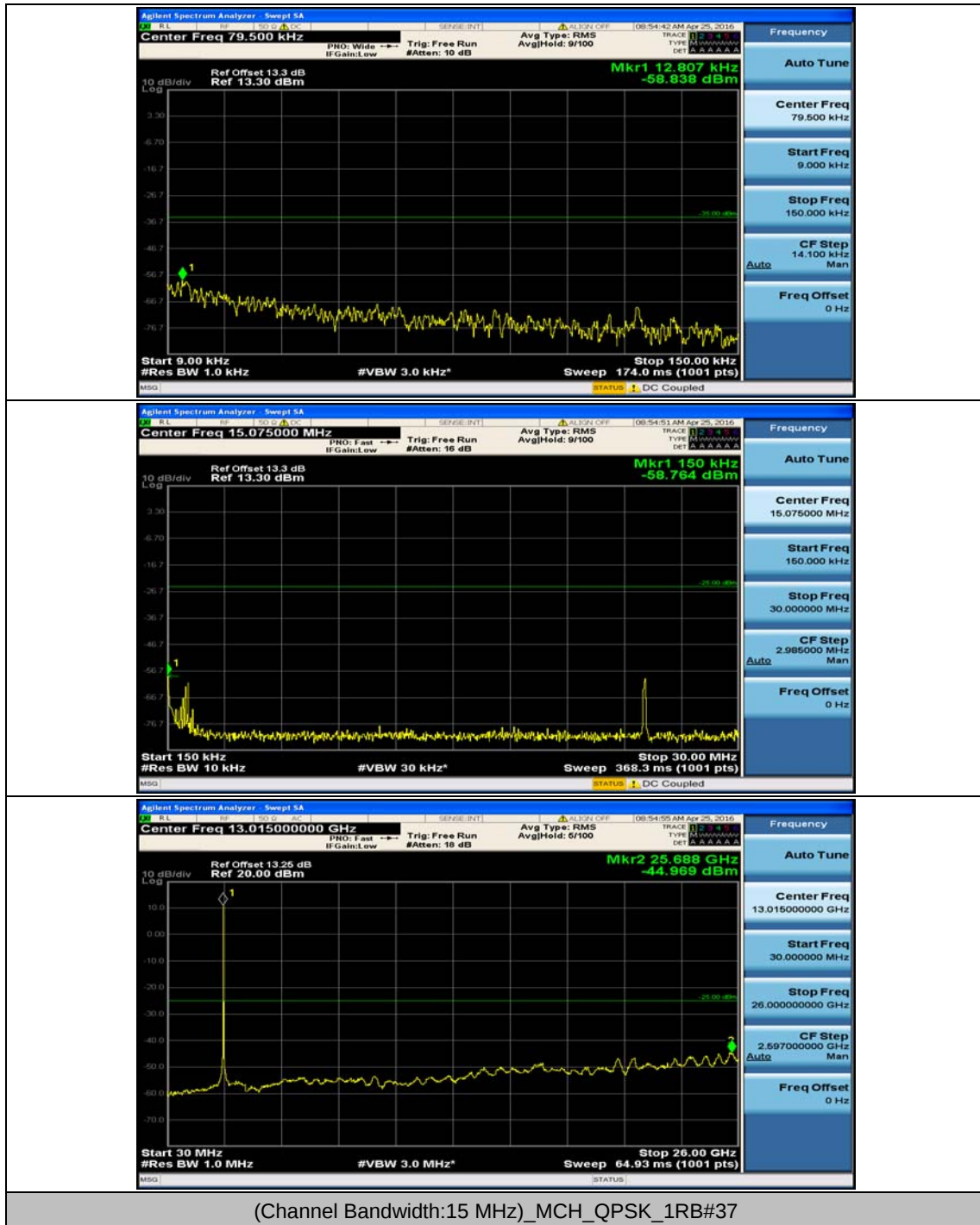
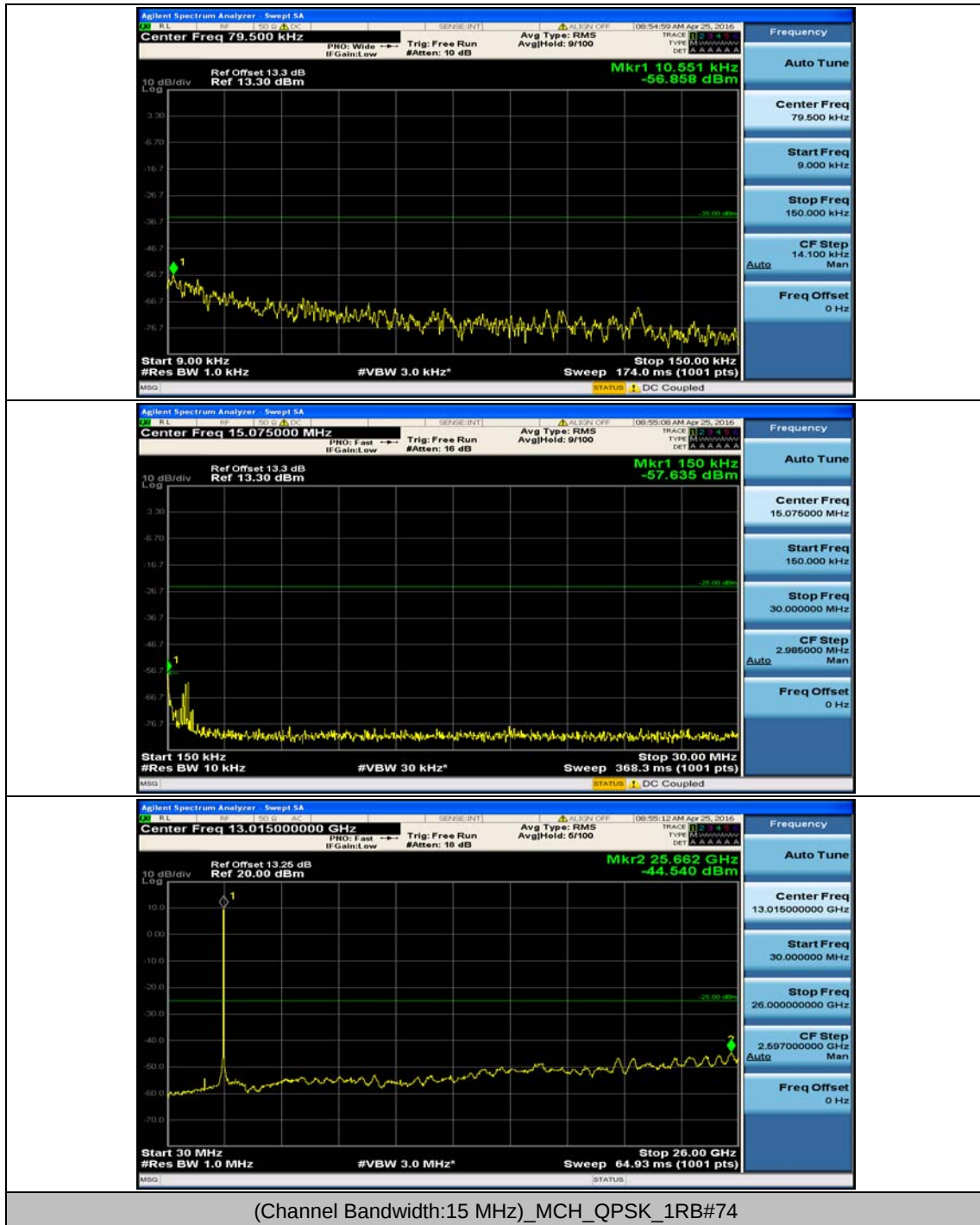
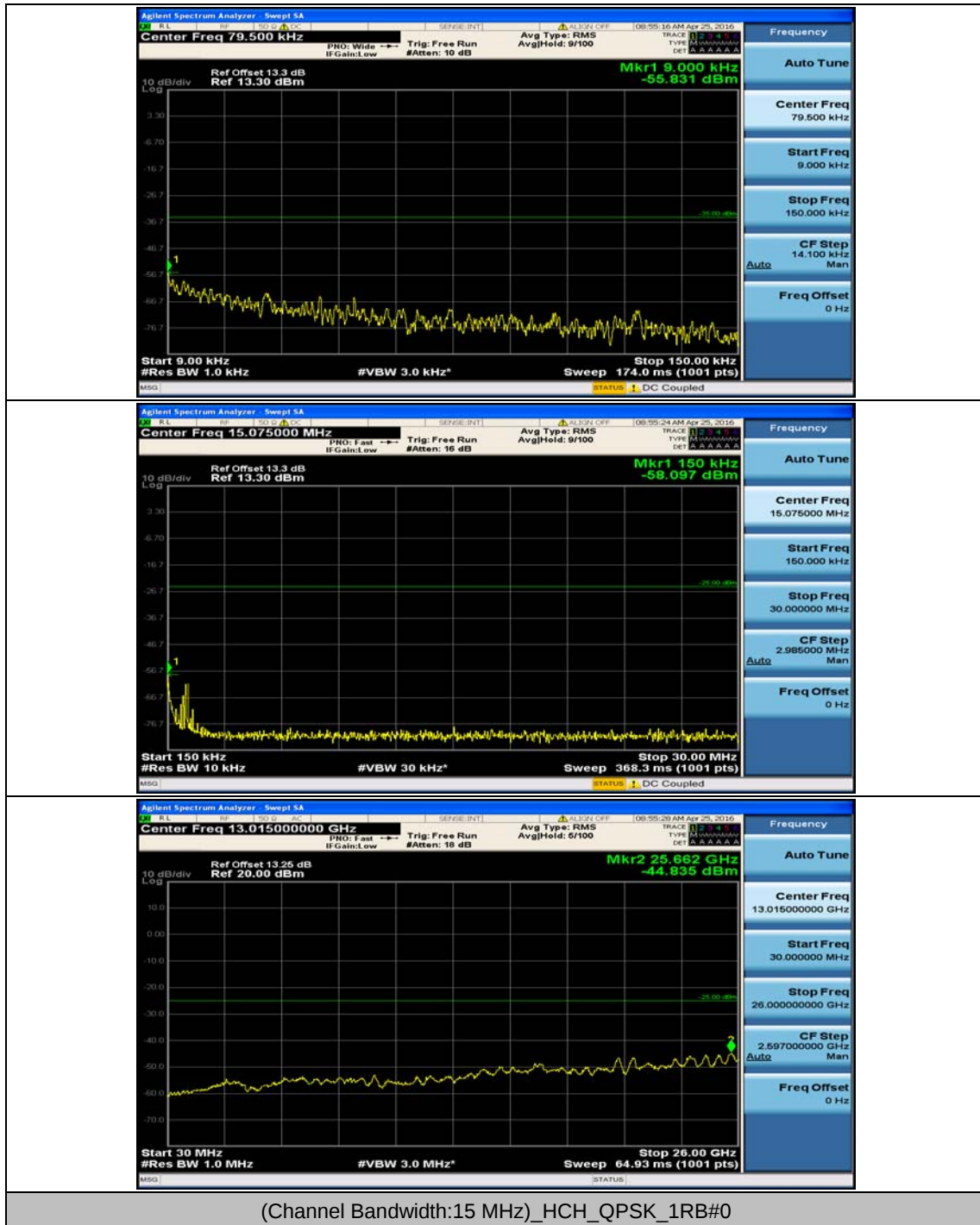


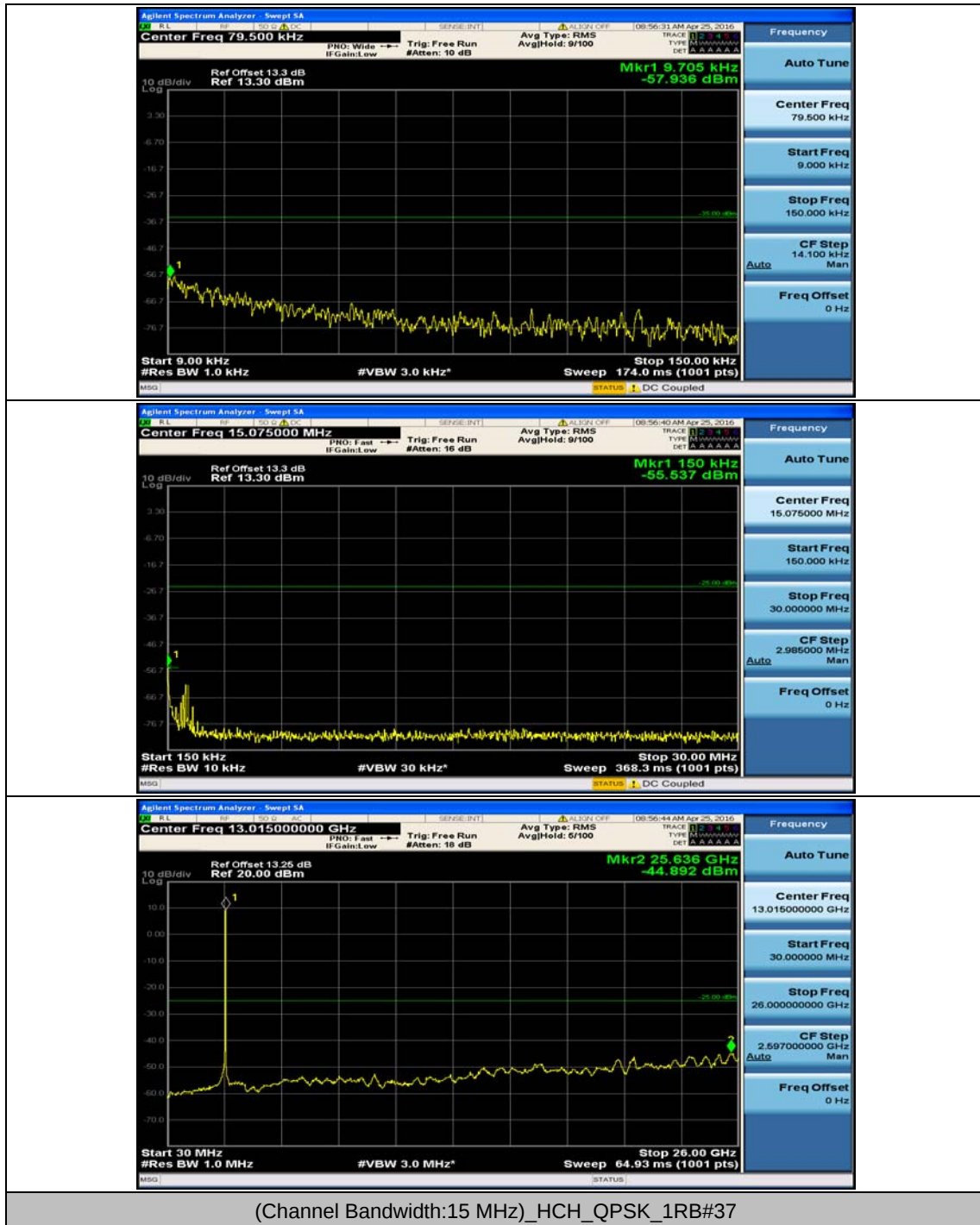


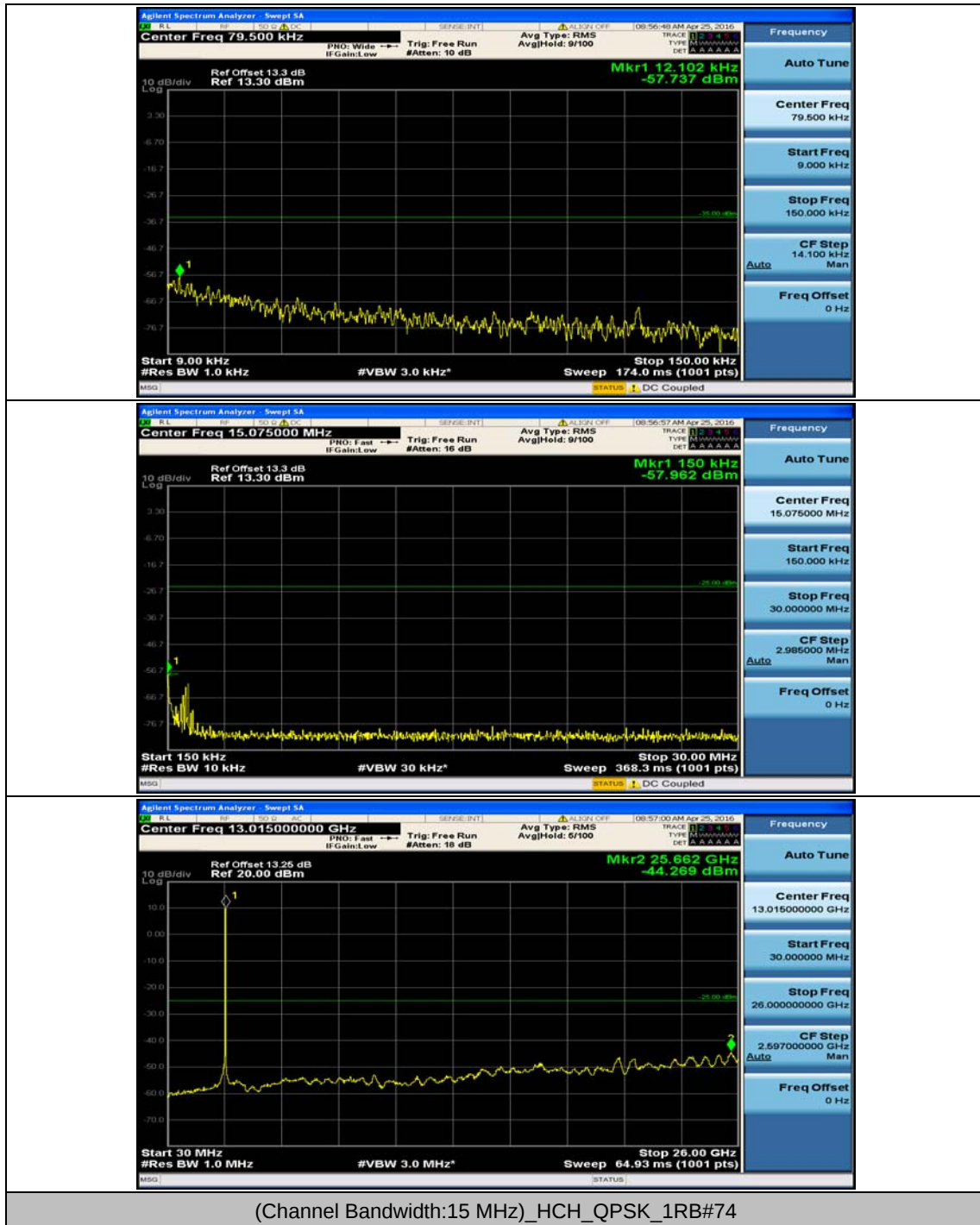


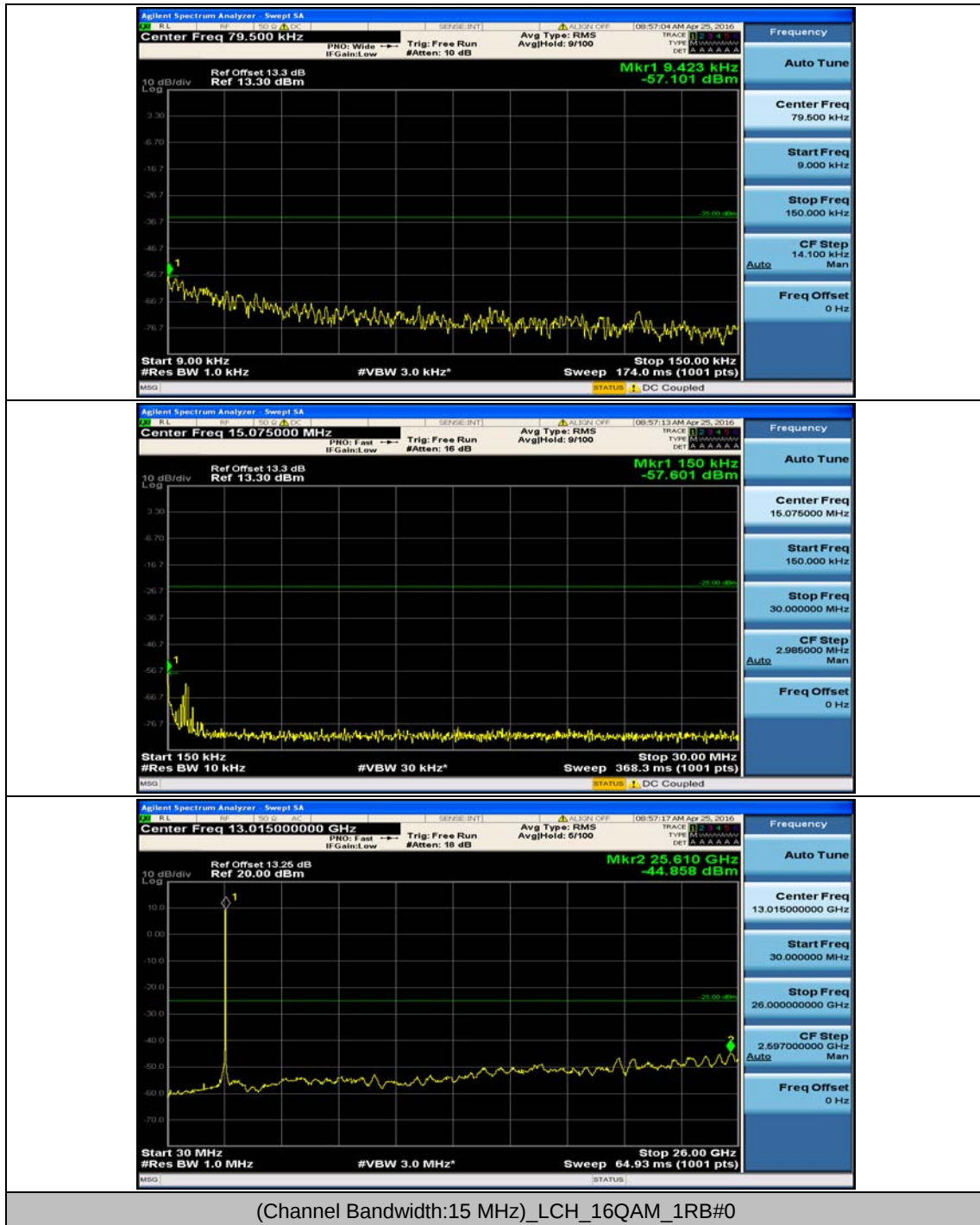


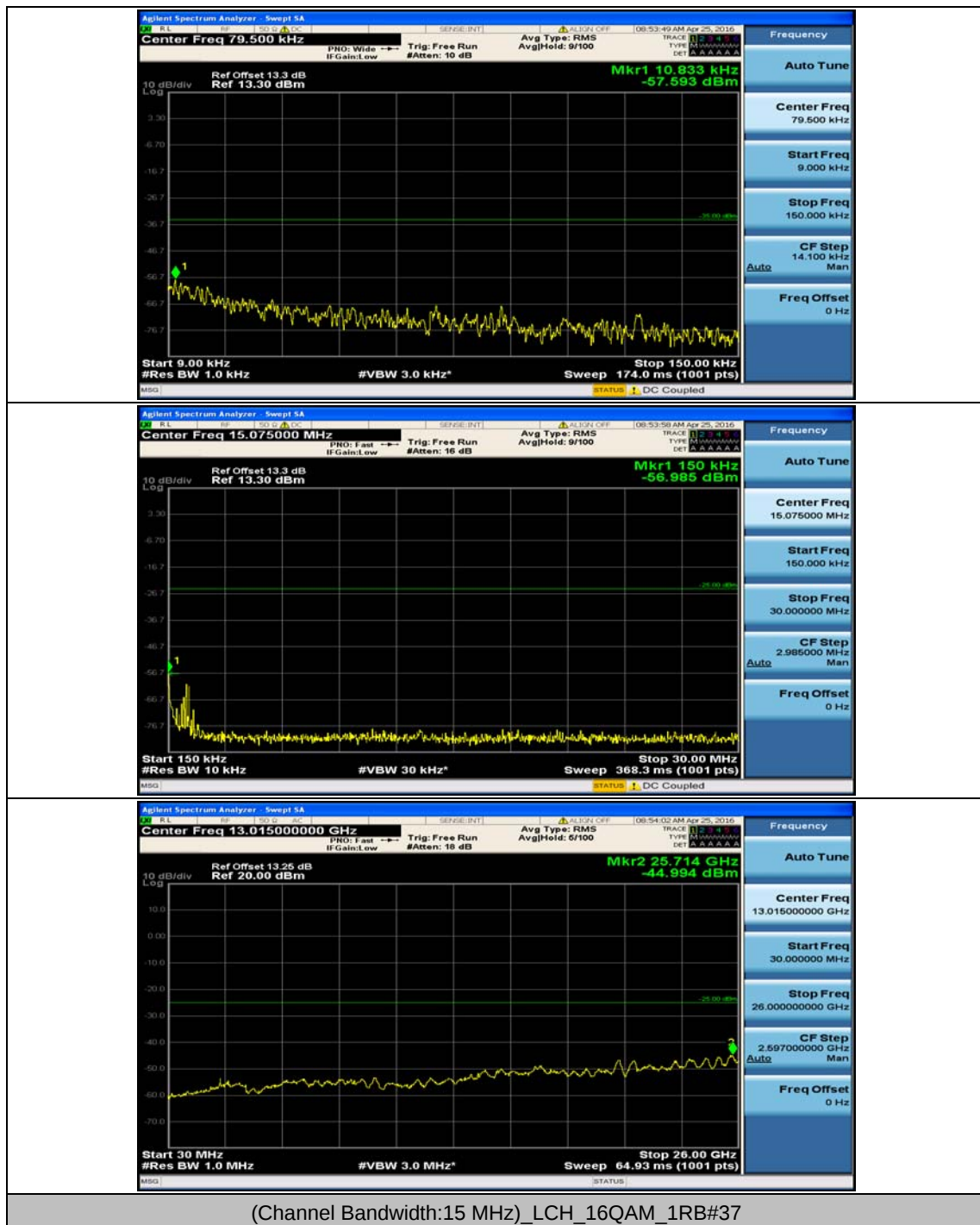


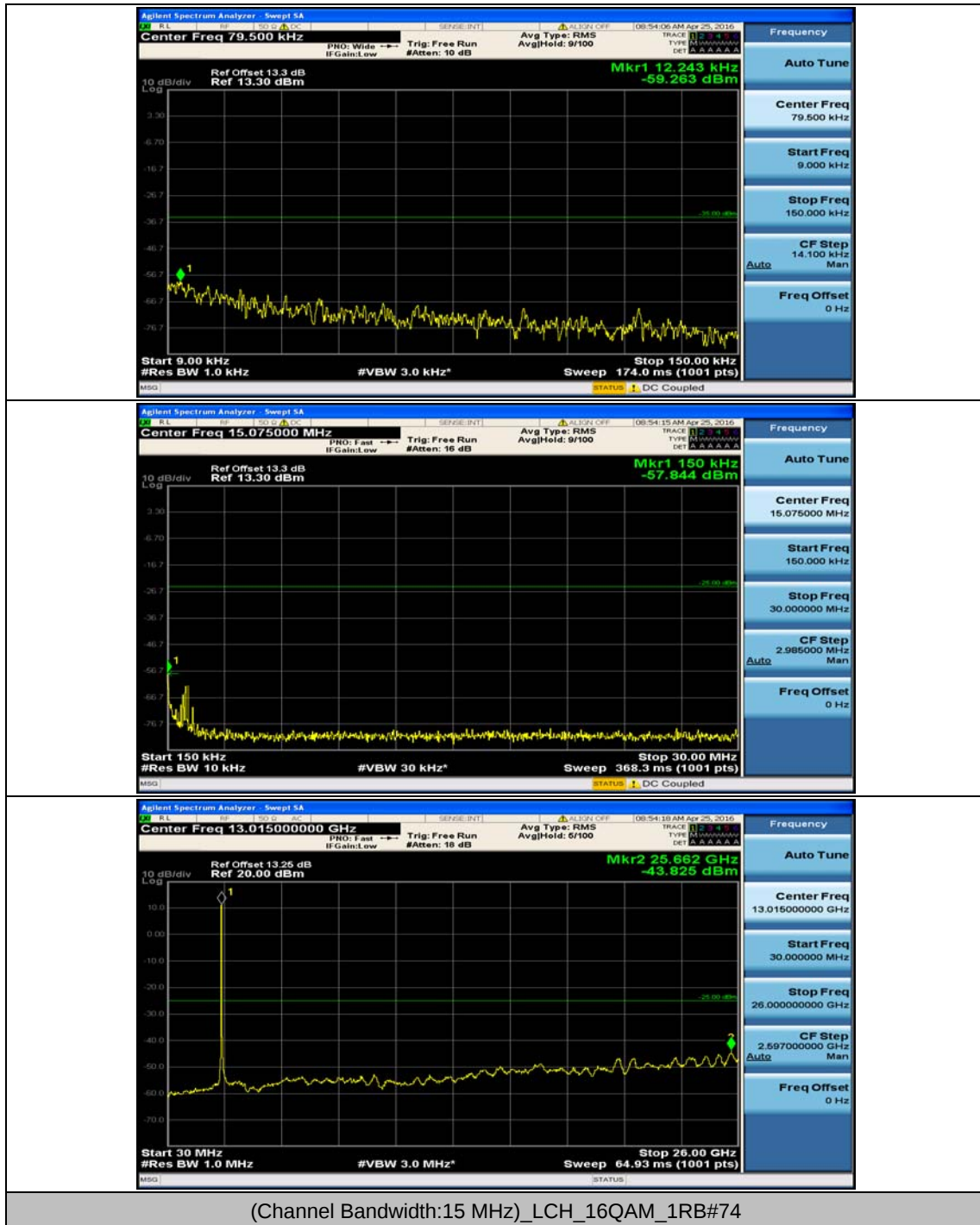


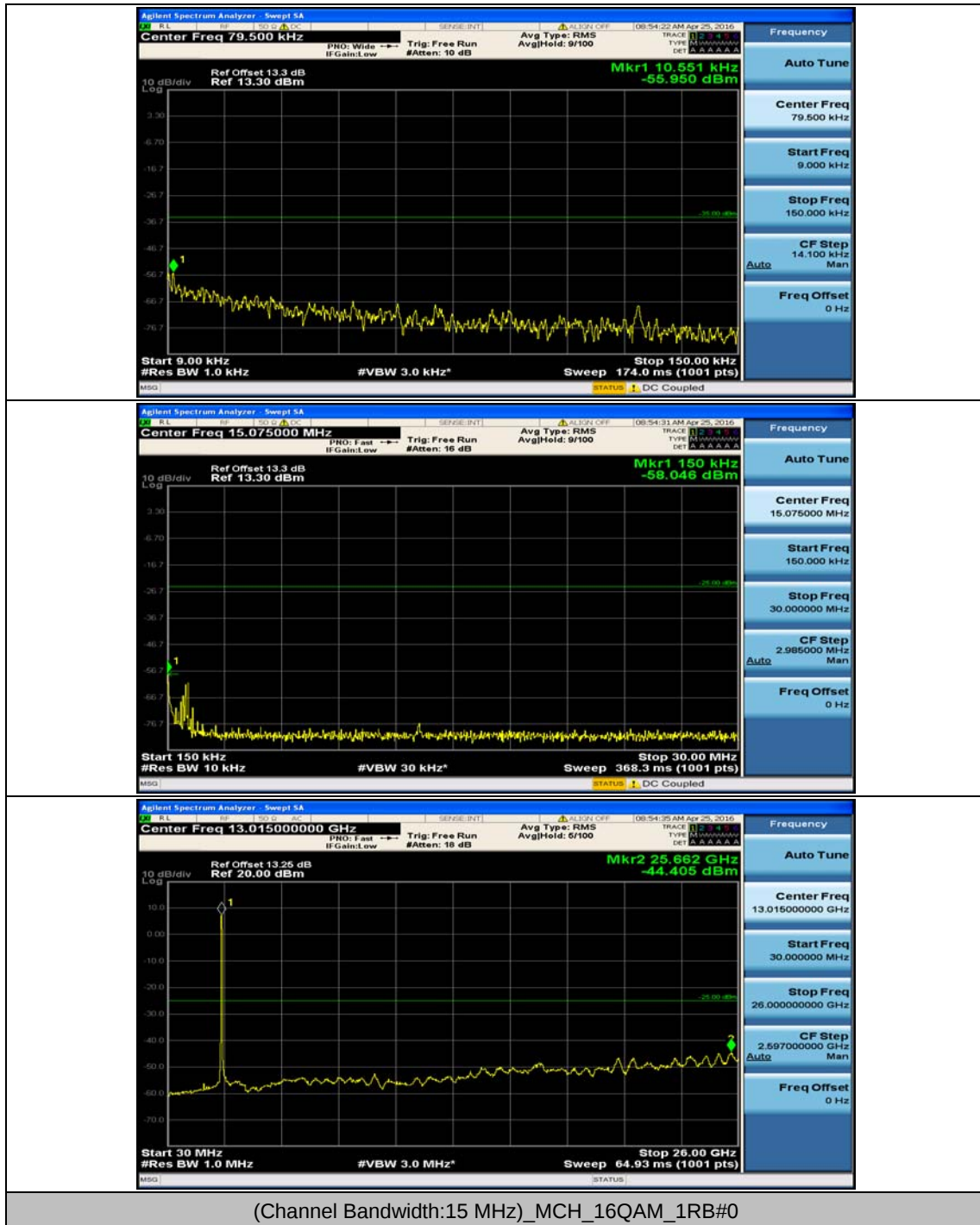


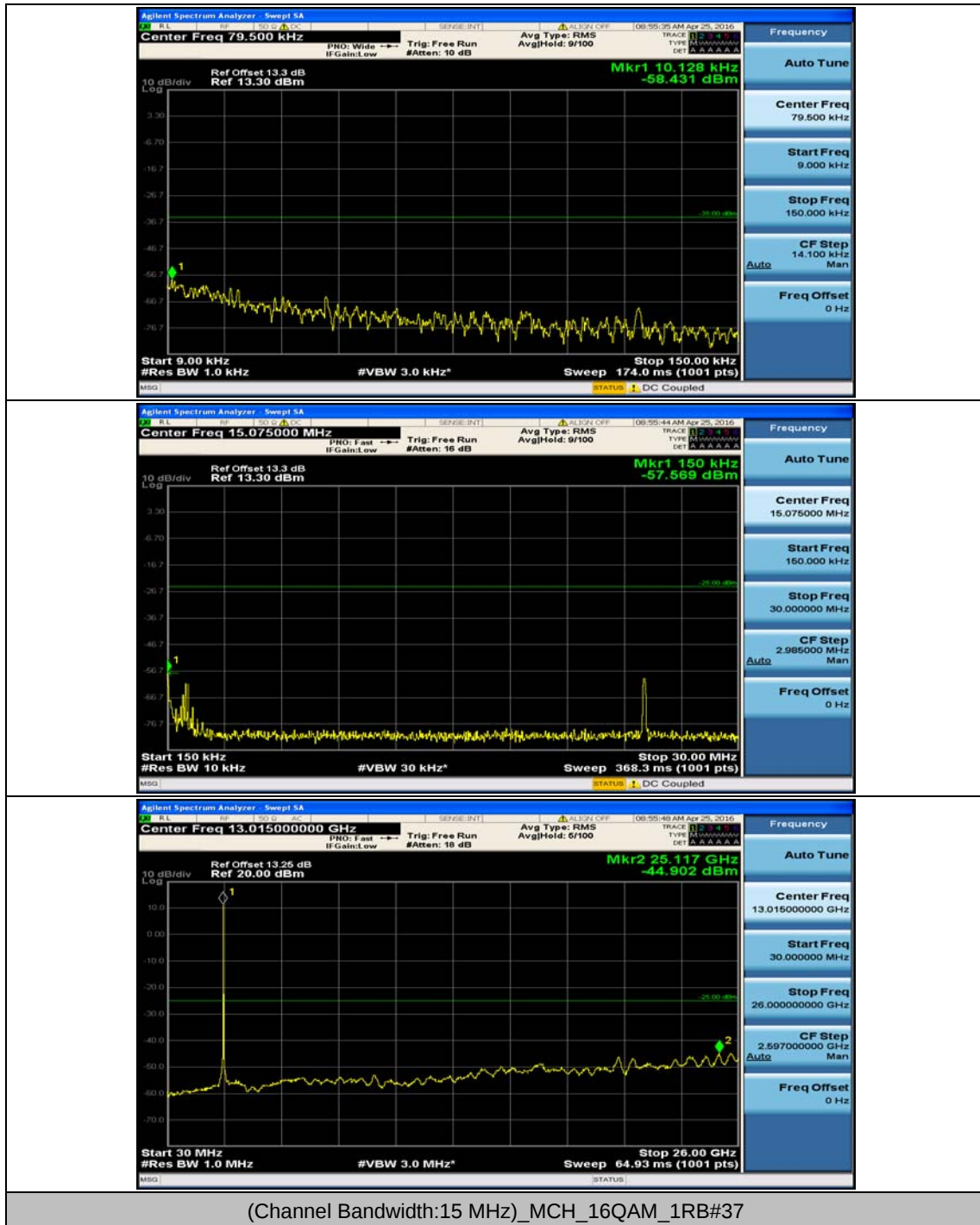


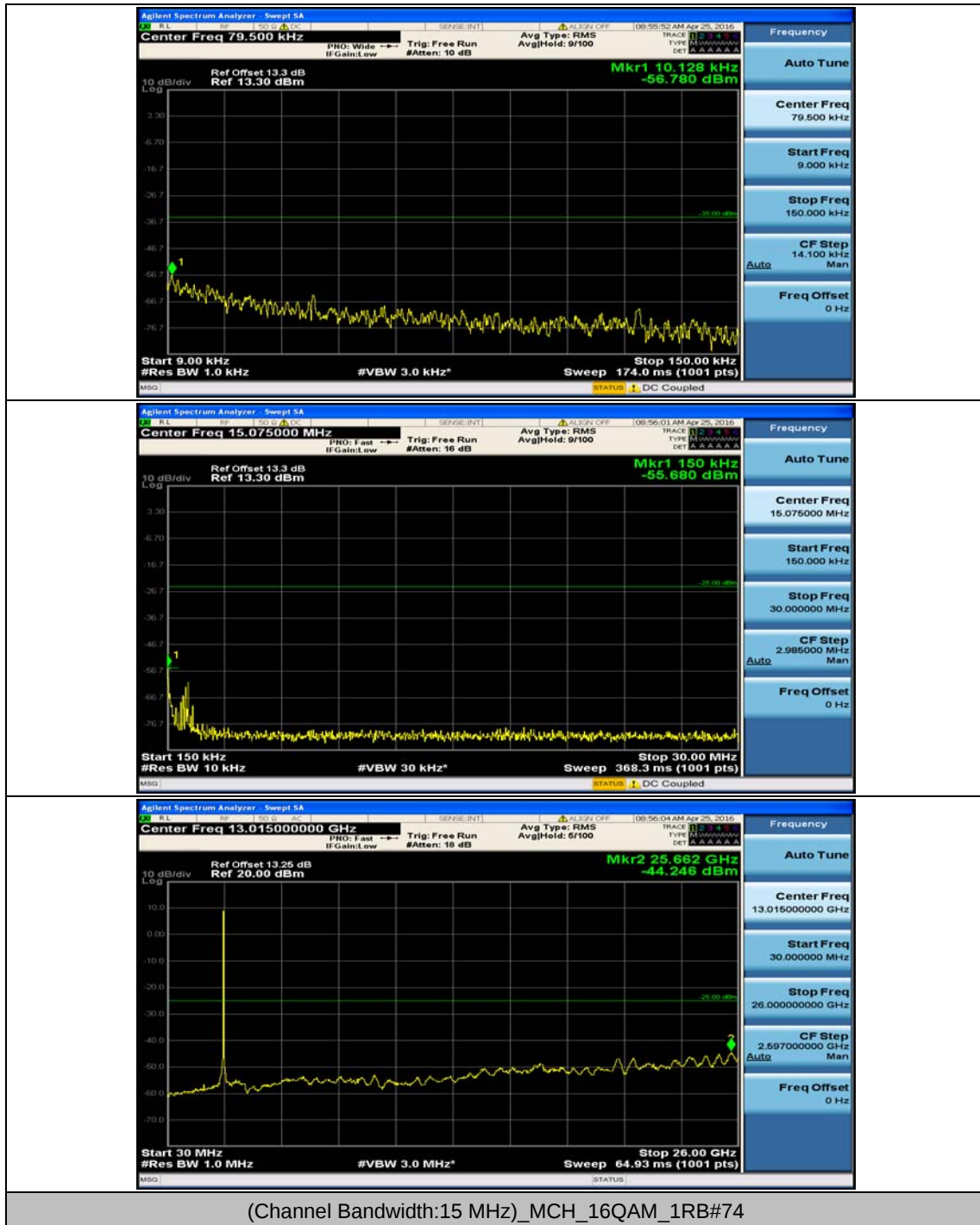


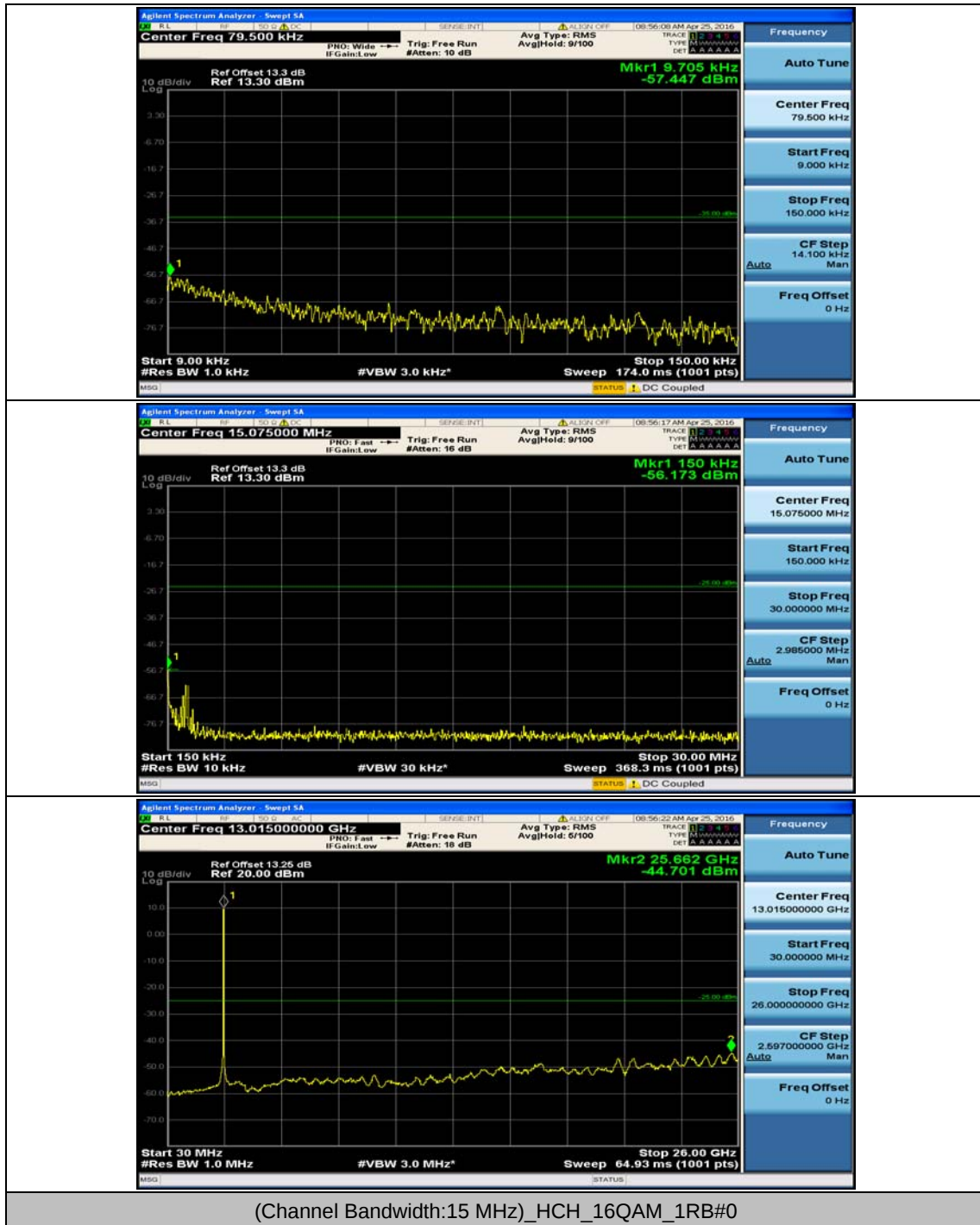


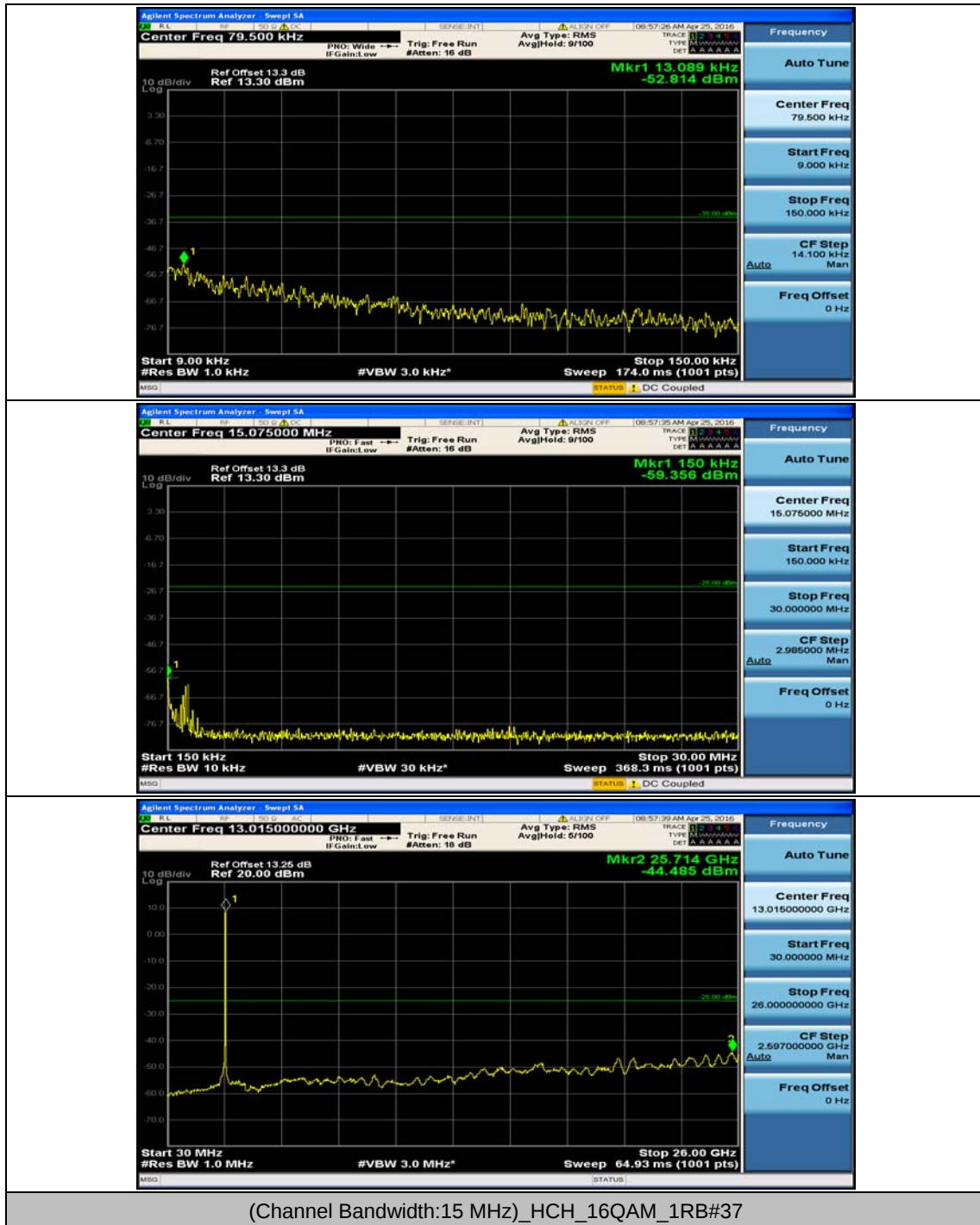


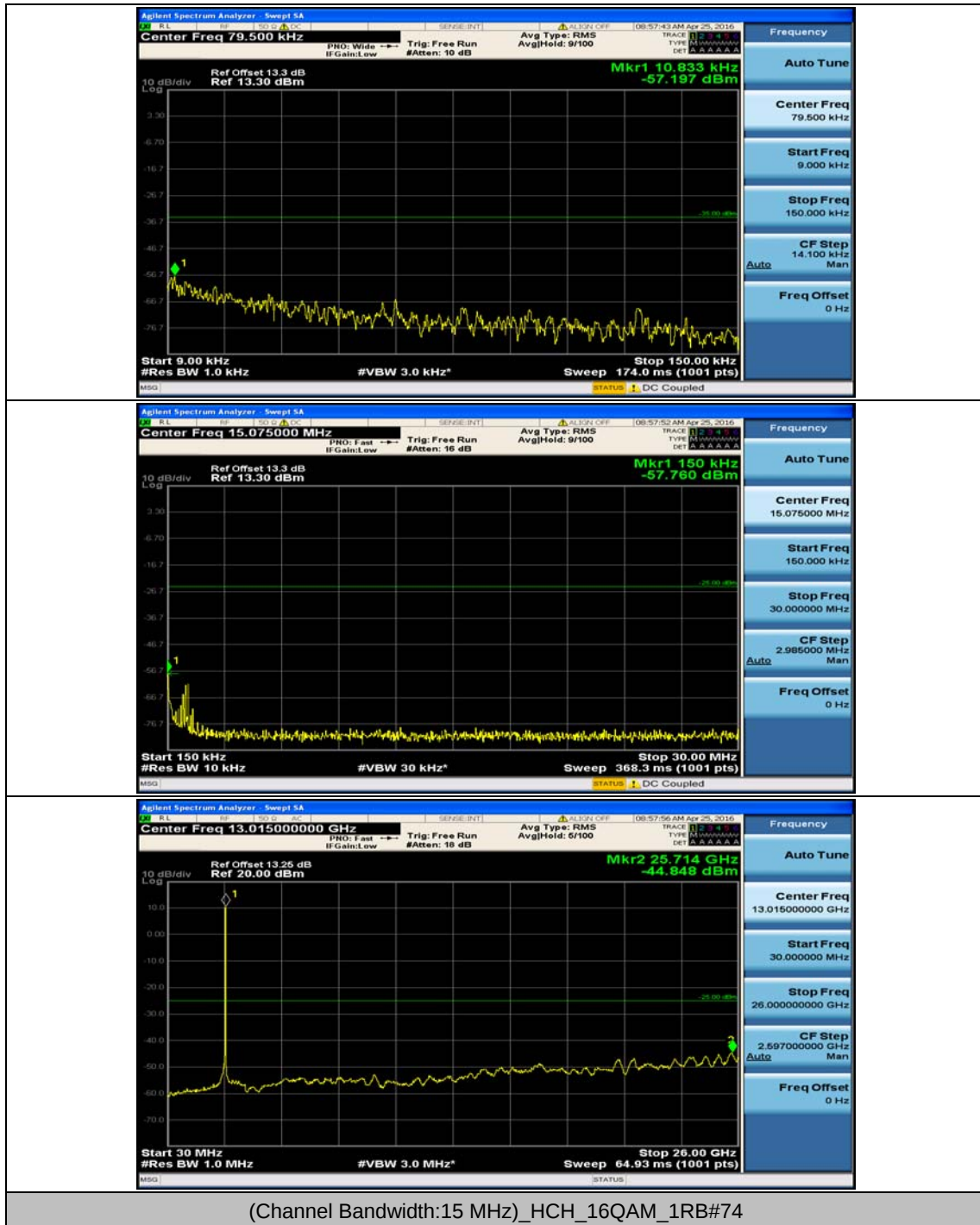


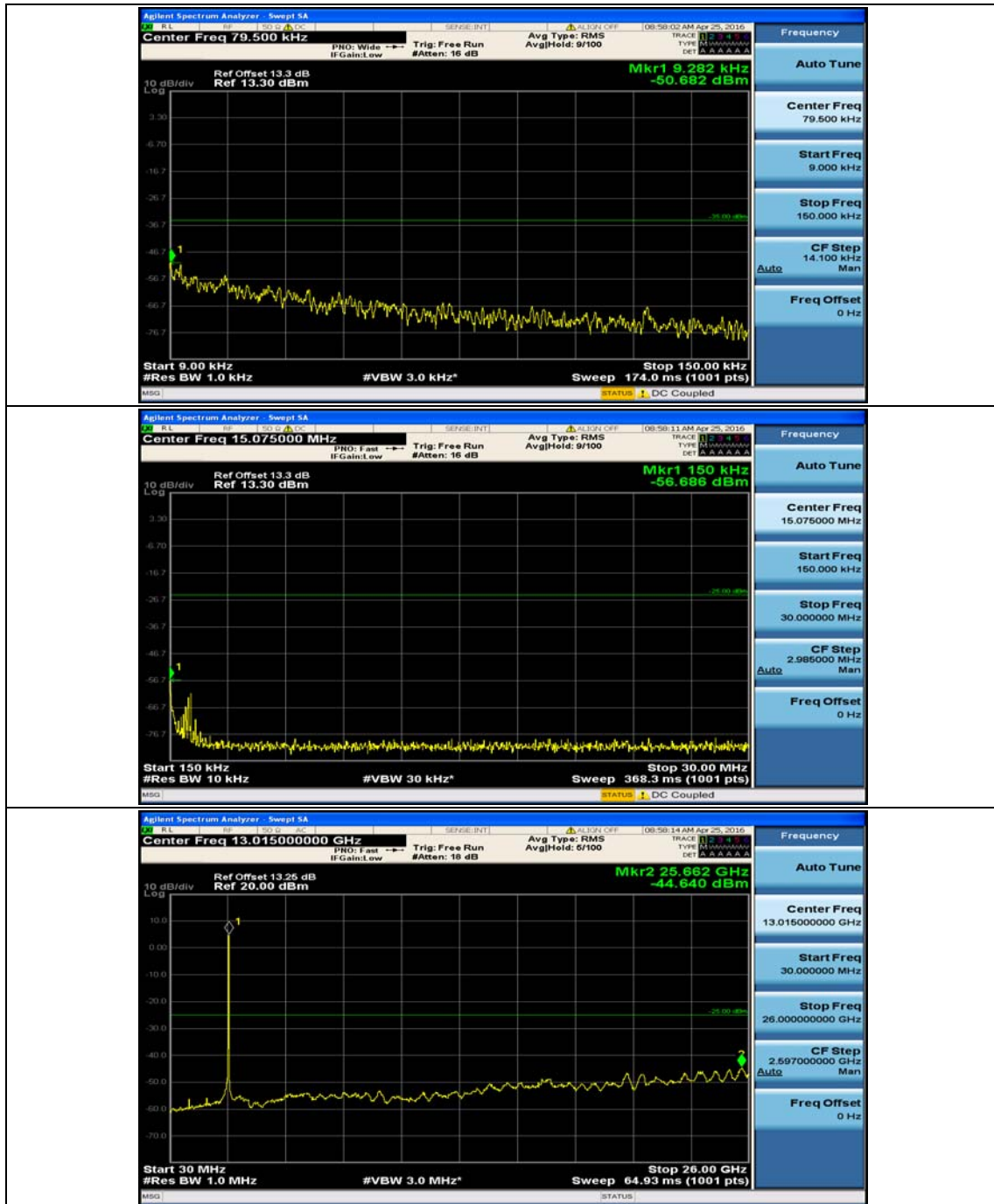






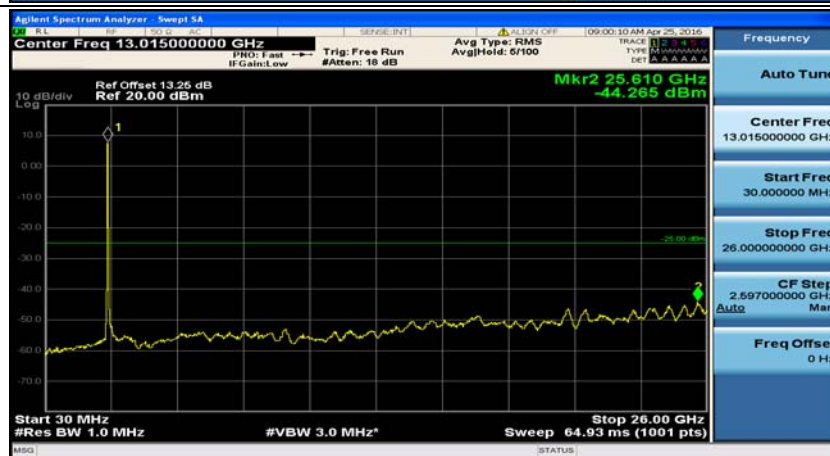
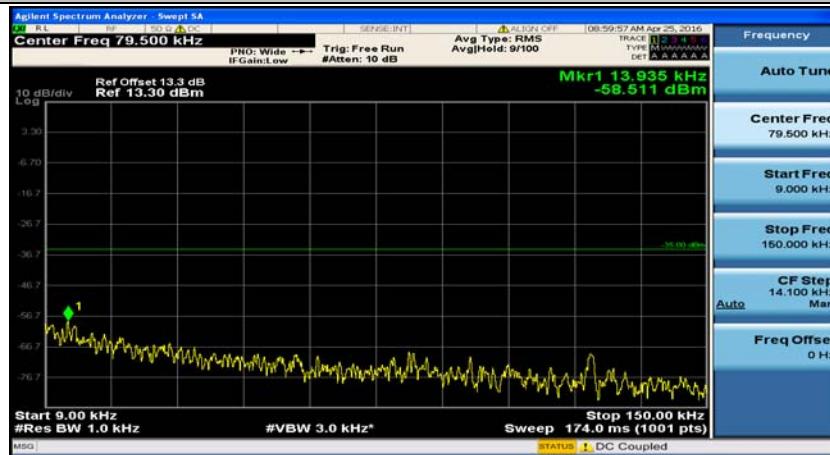




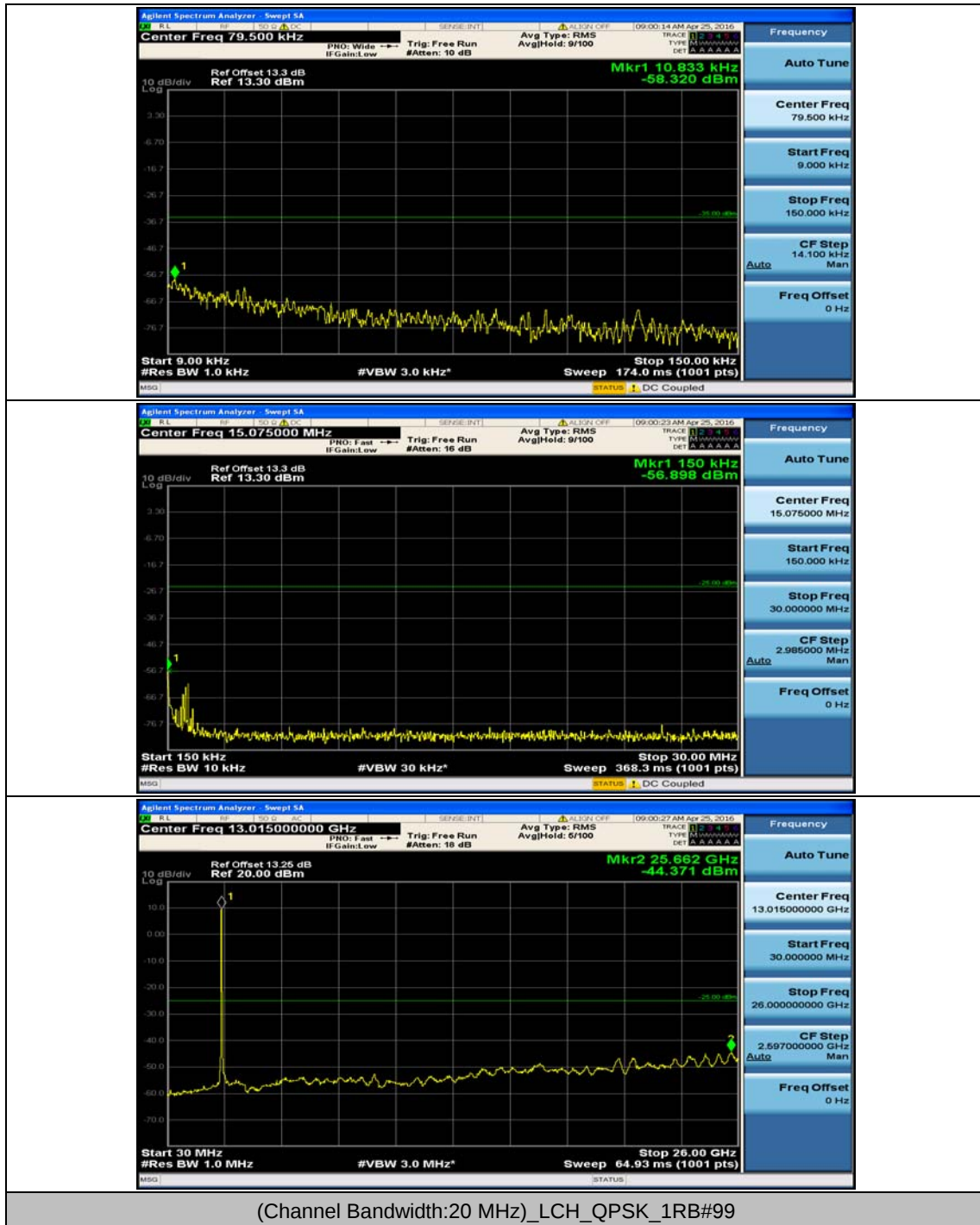


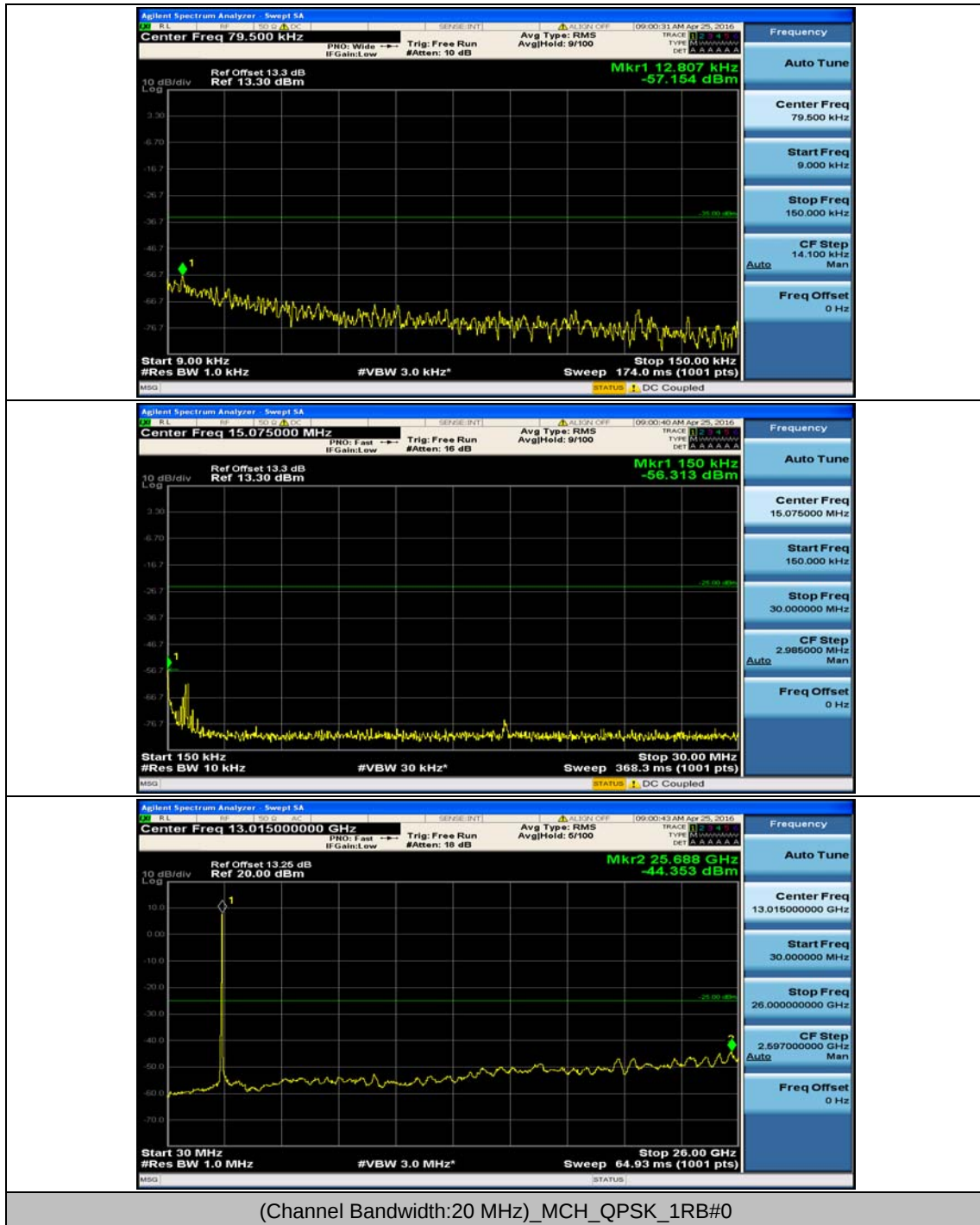
Channel Bandwidth: 20 MHz

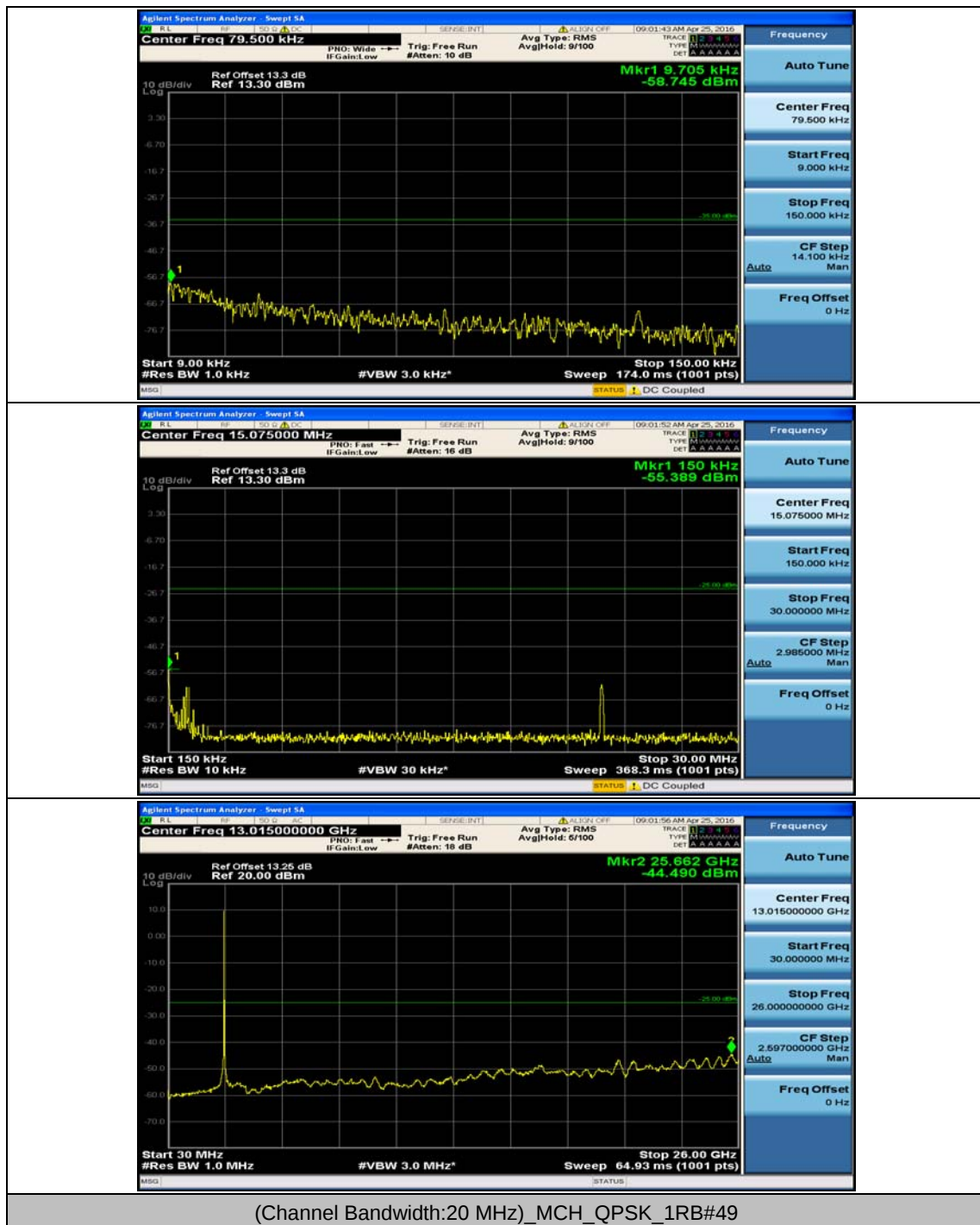
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0

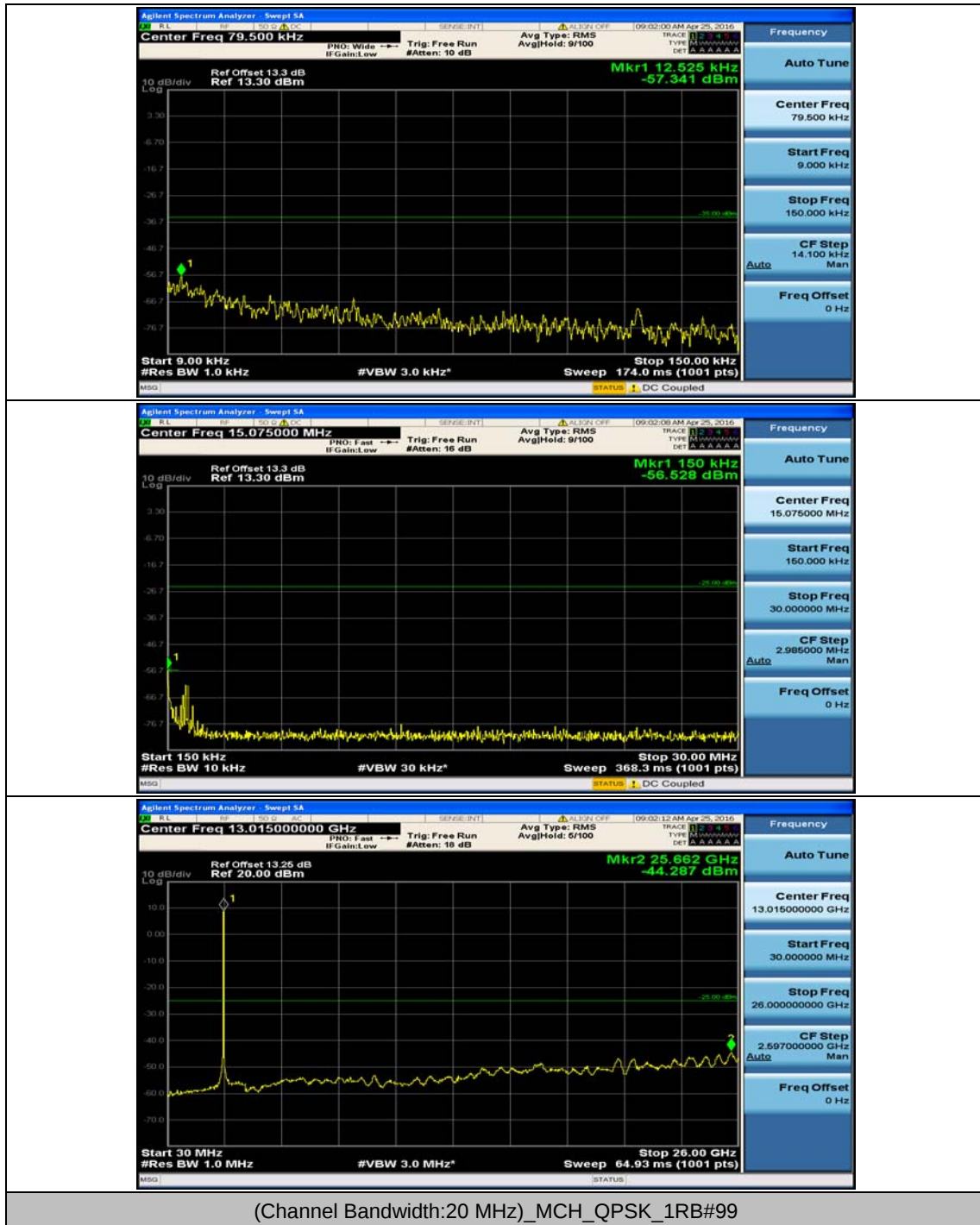


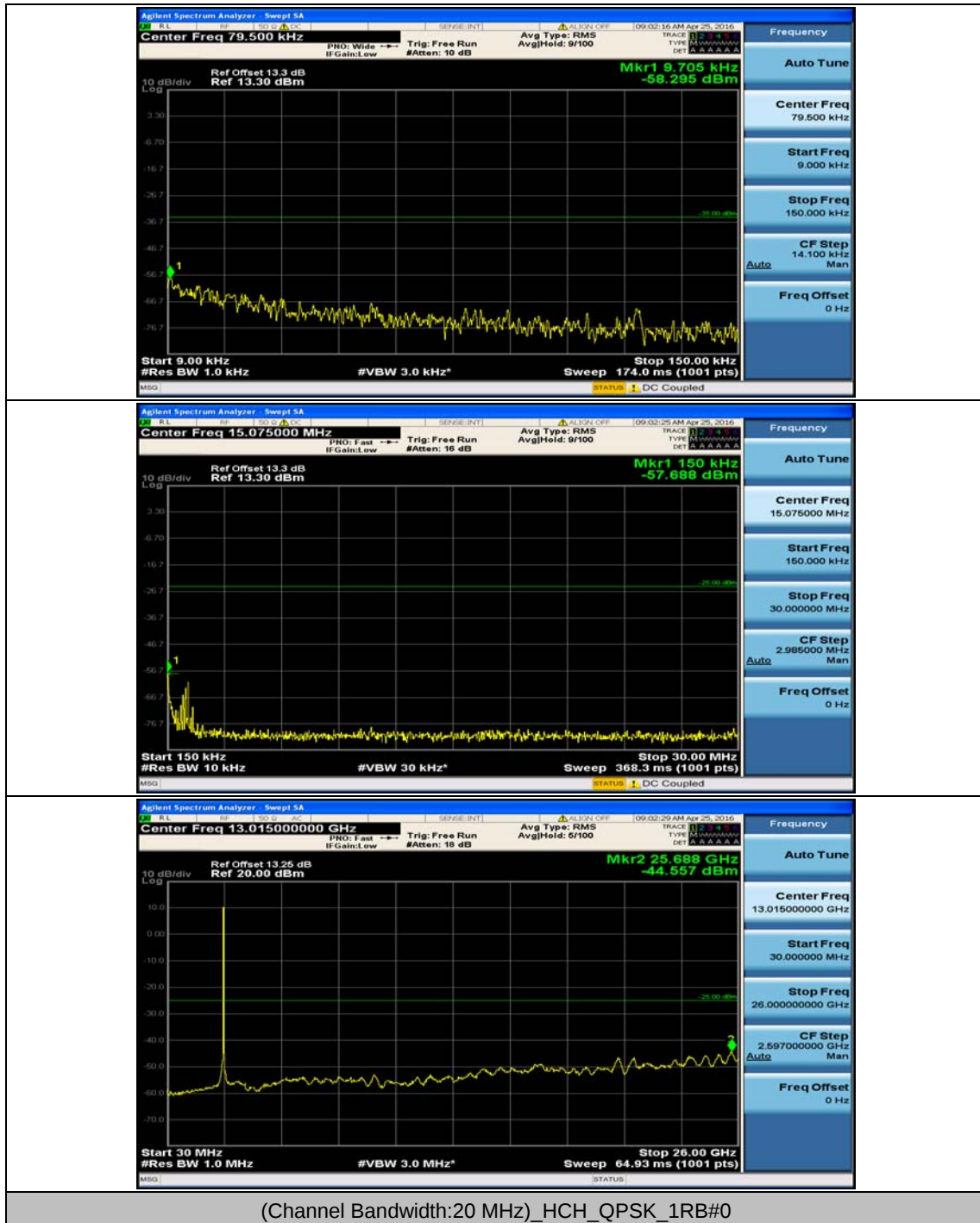
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#49

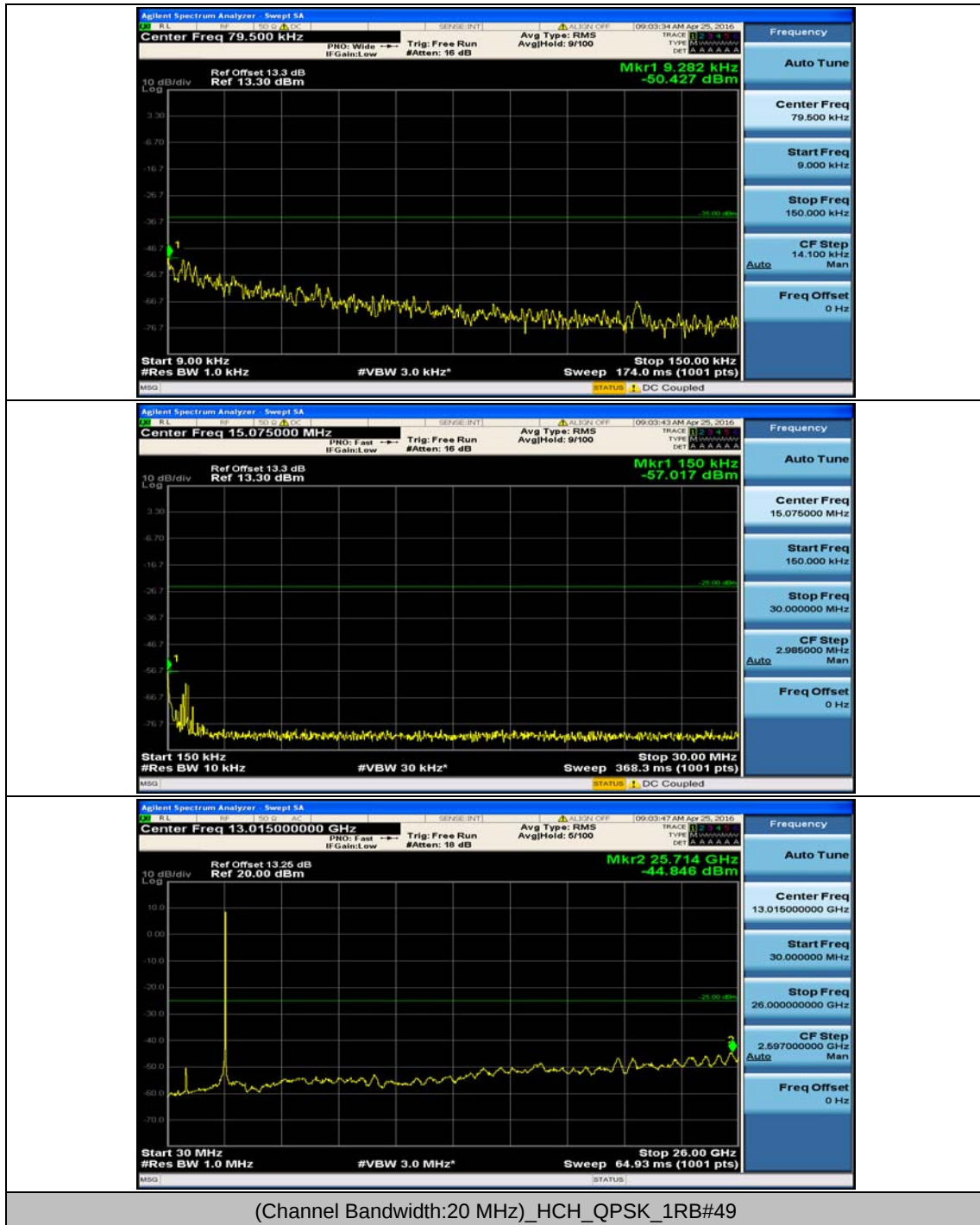


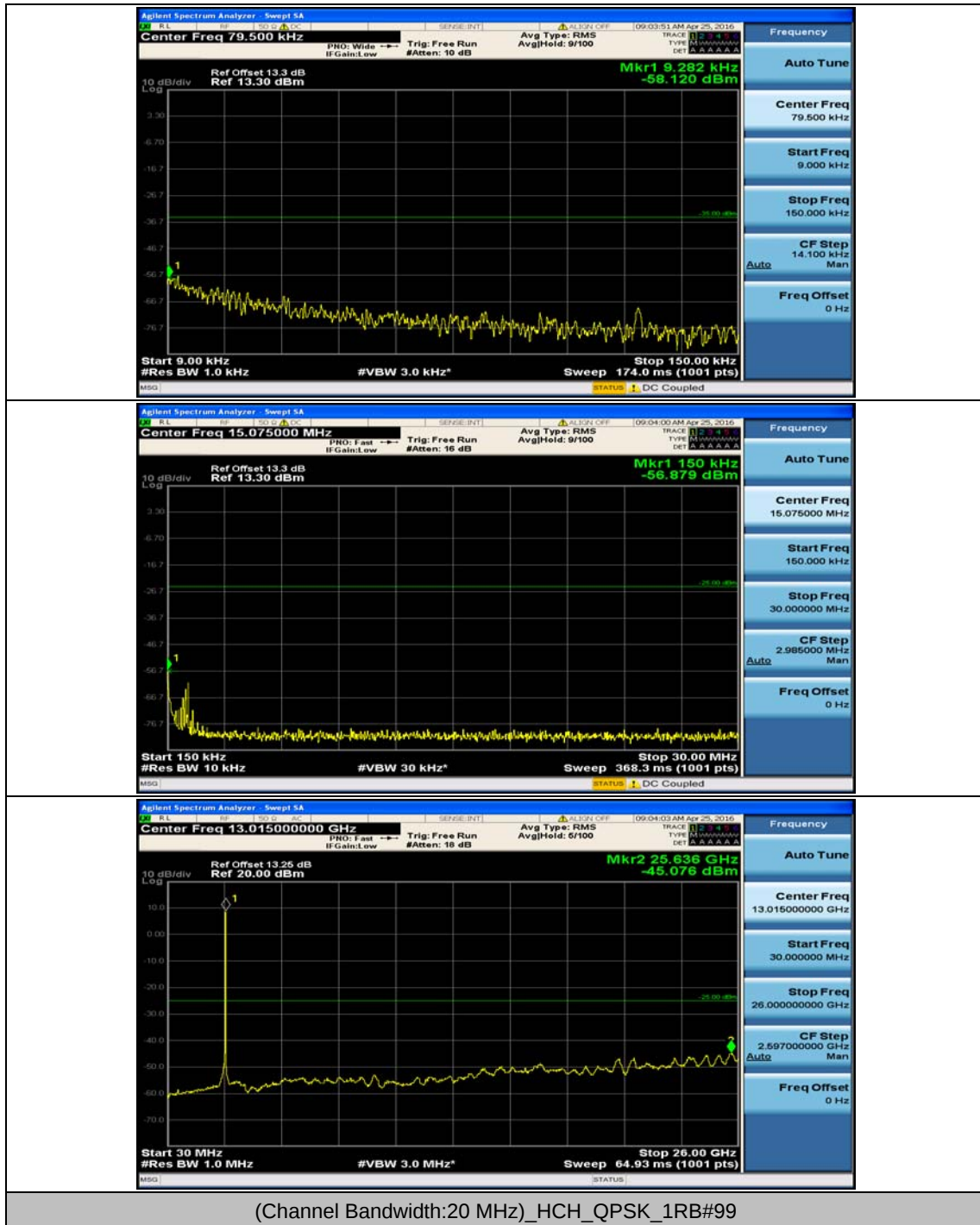


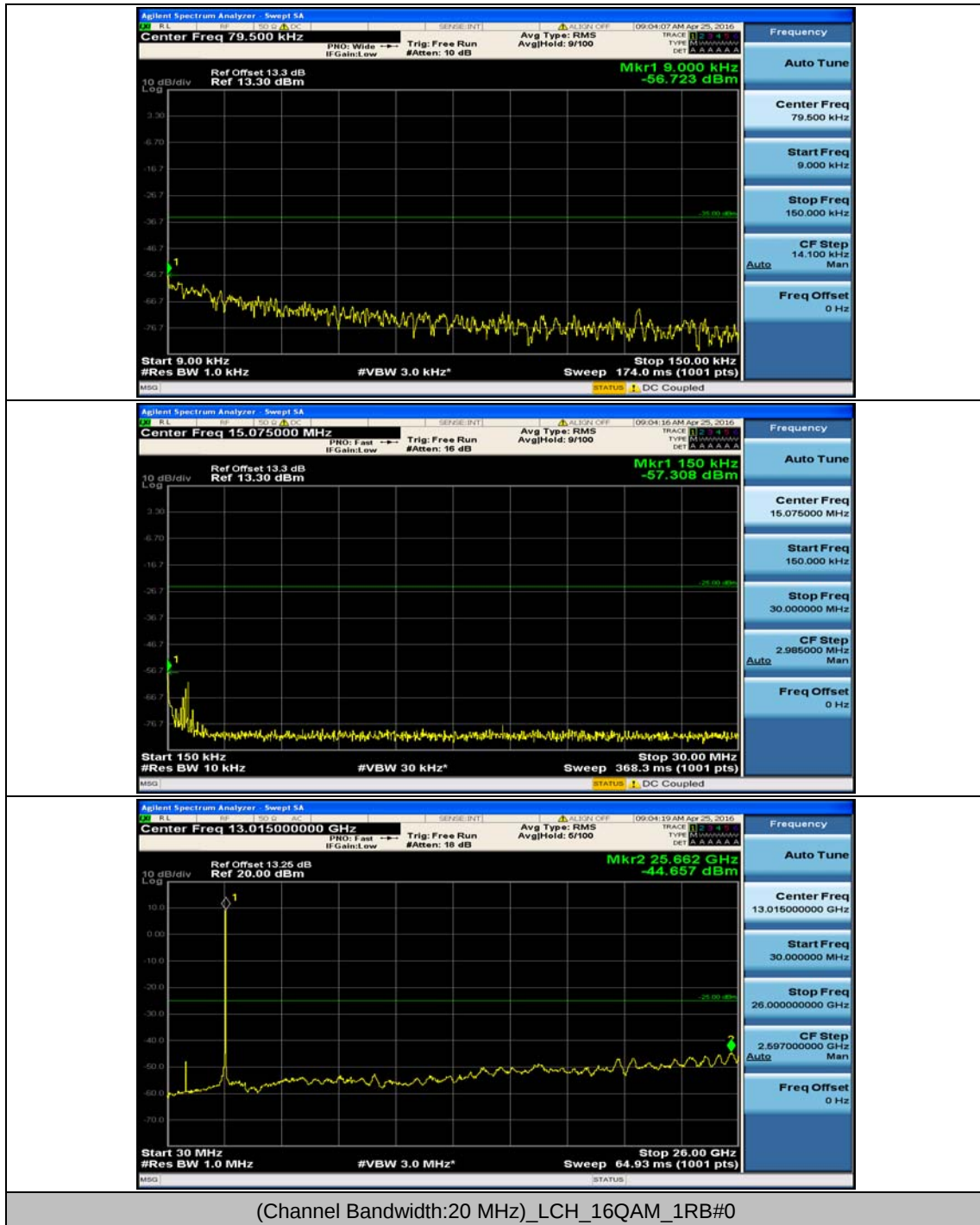


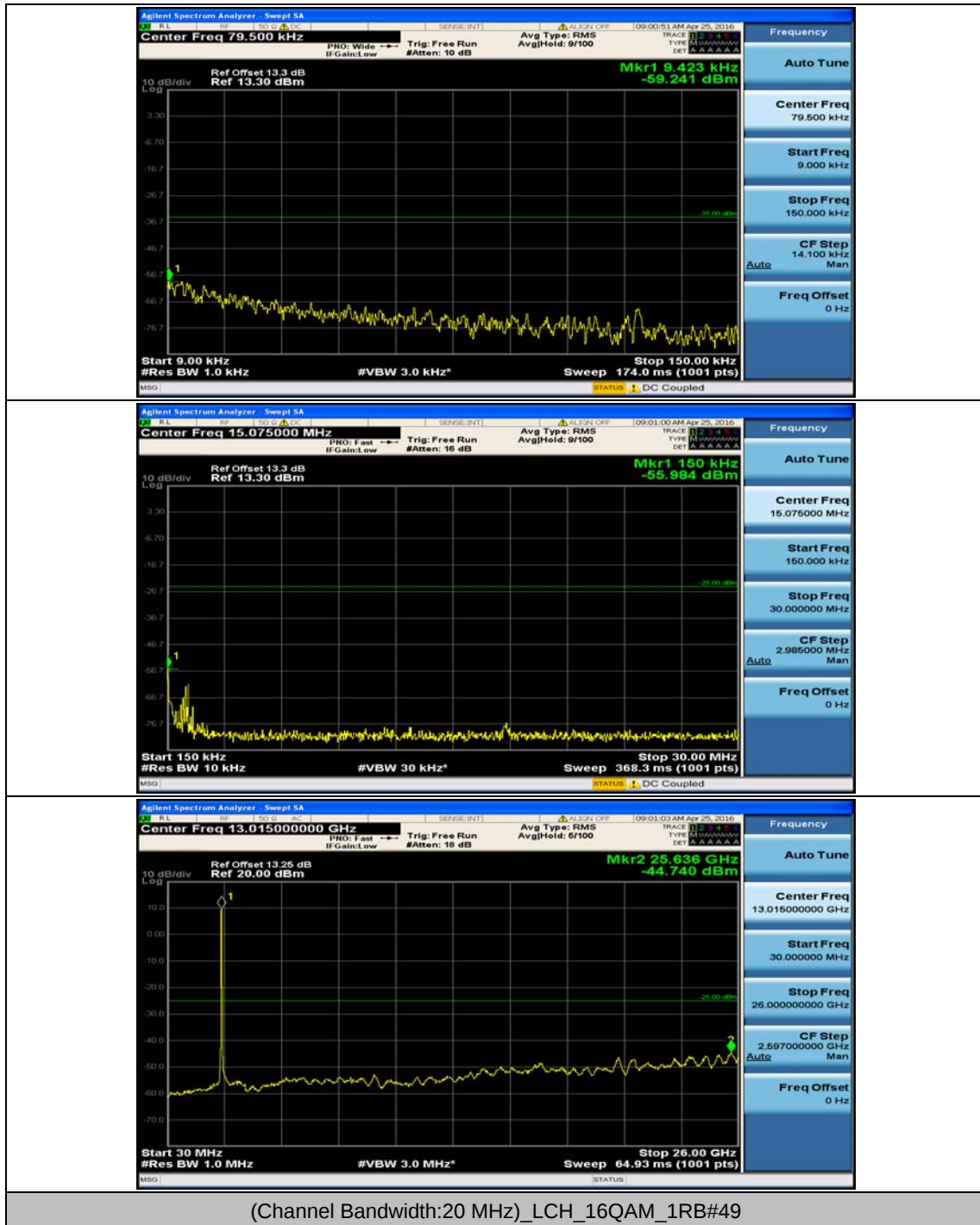


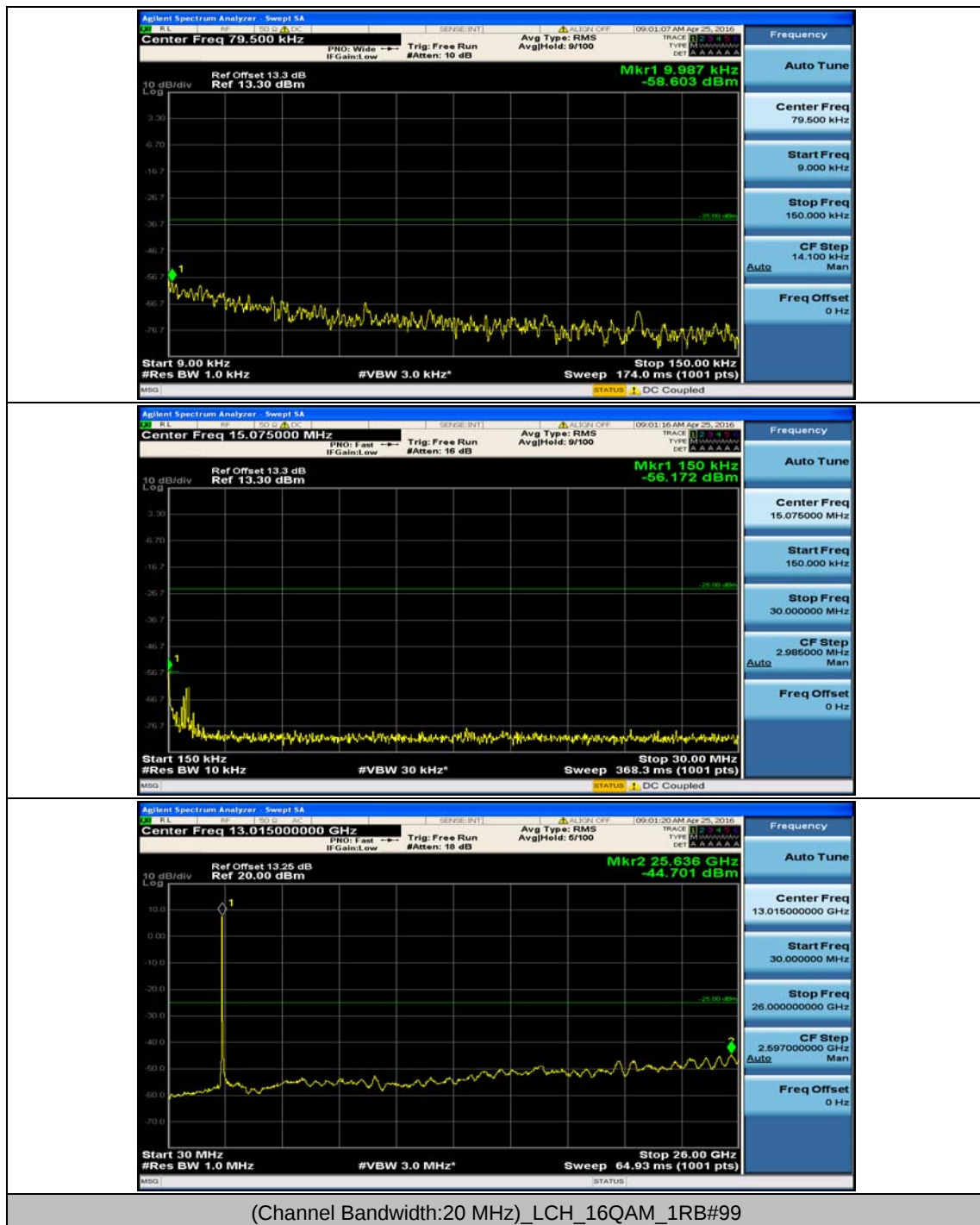


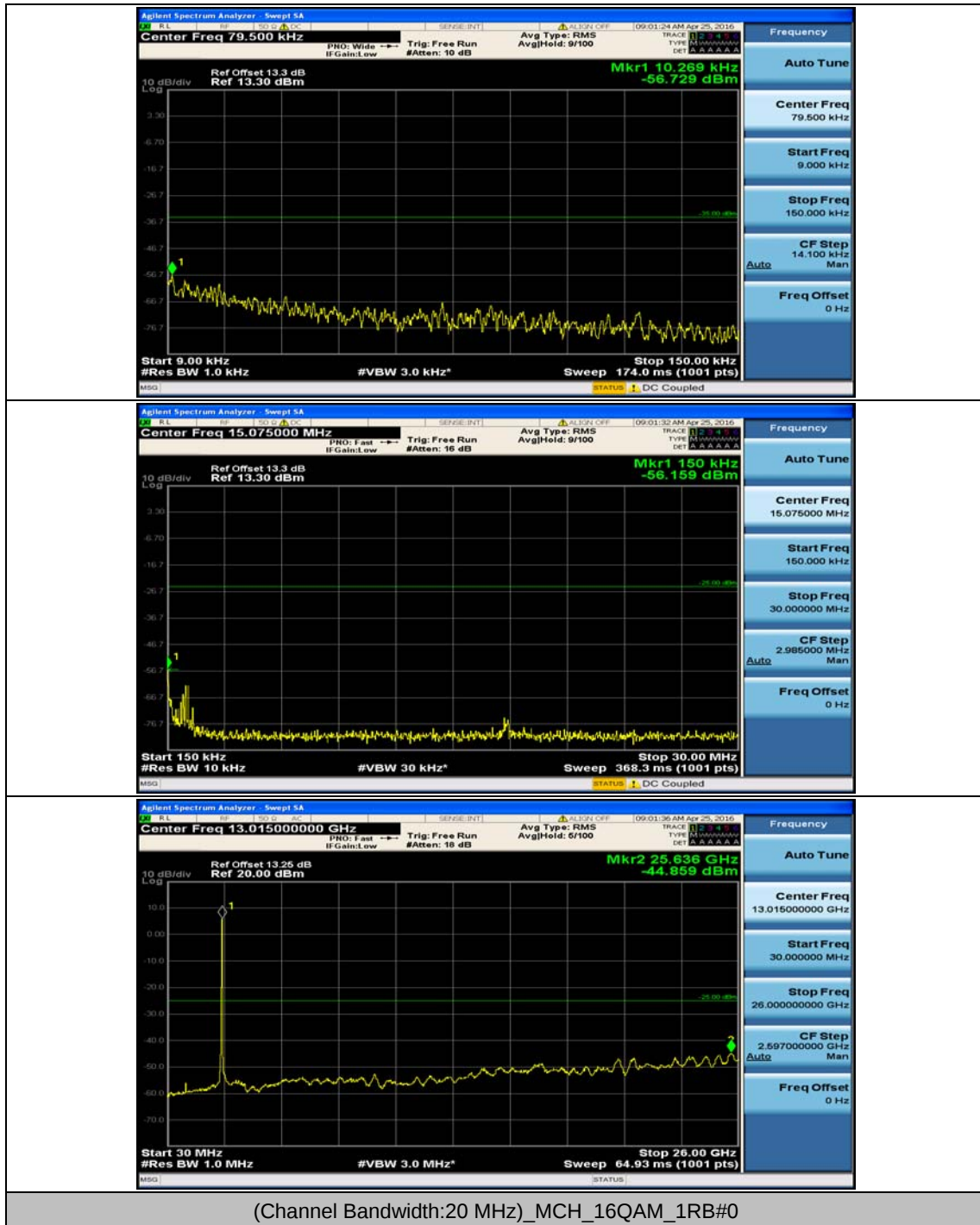


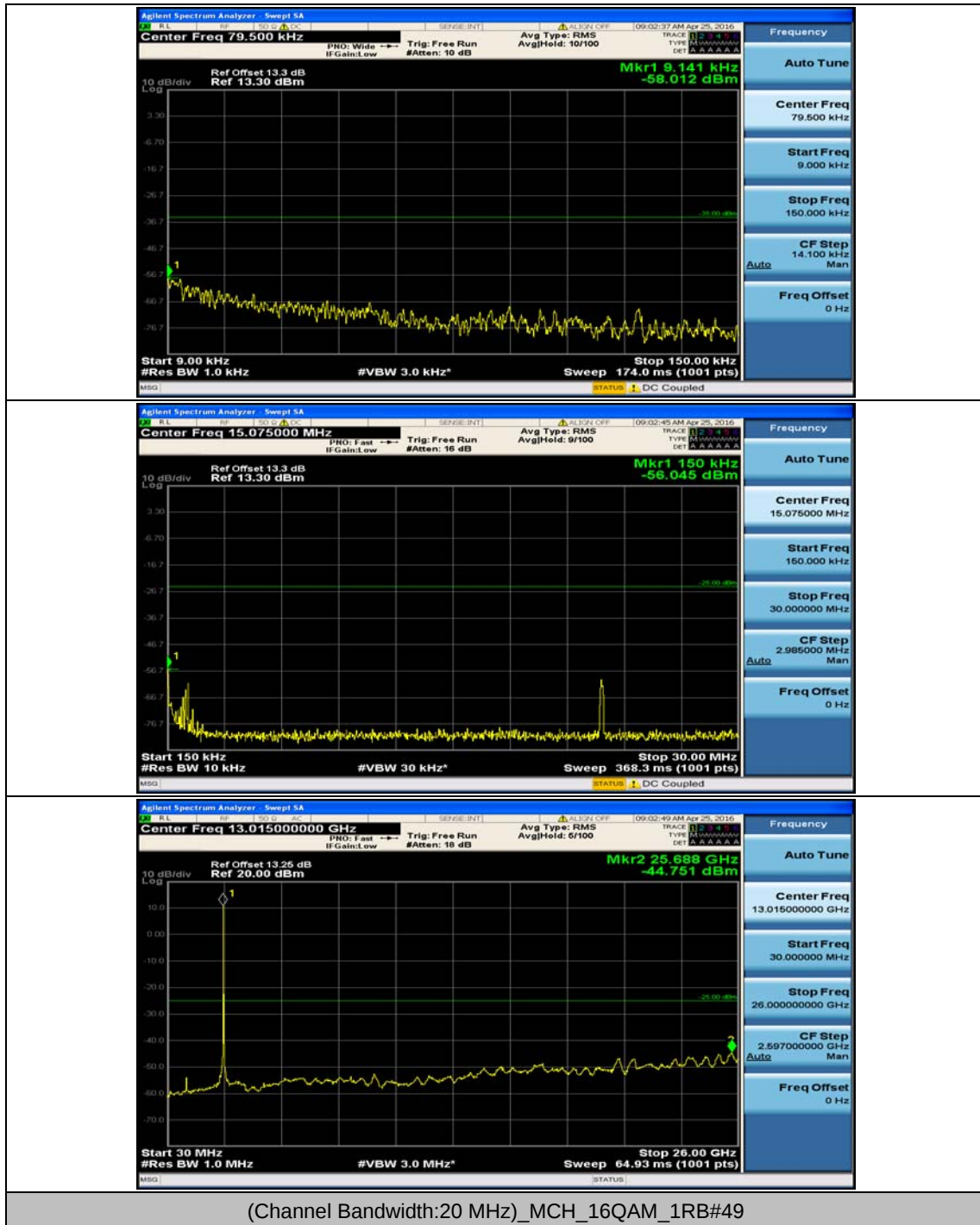


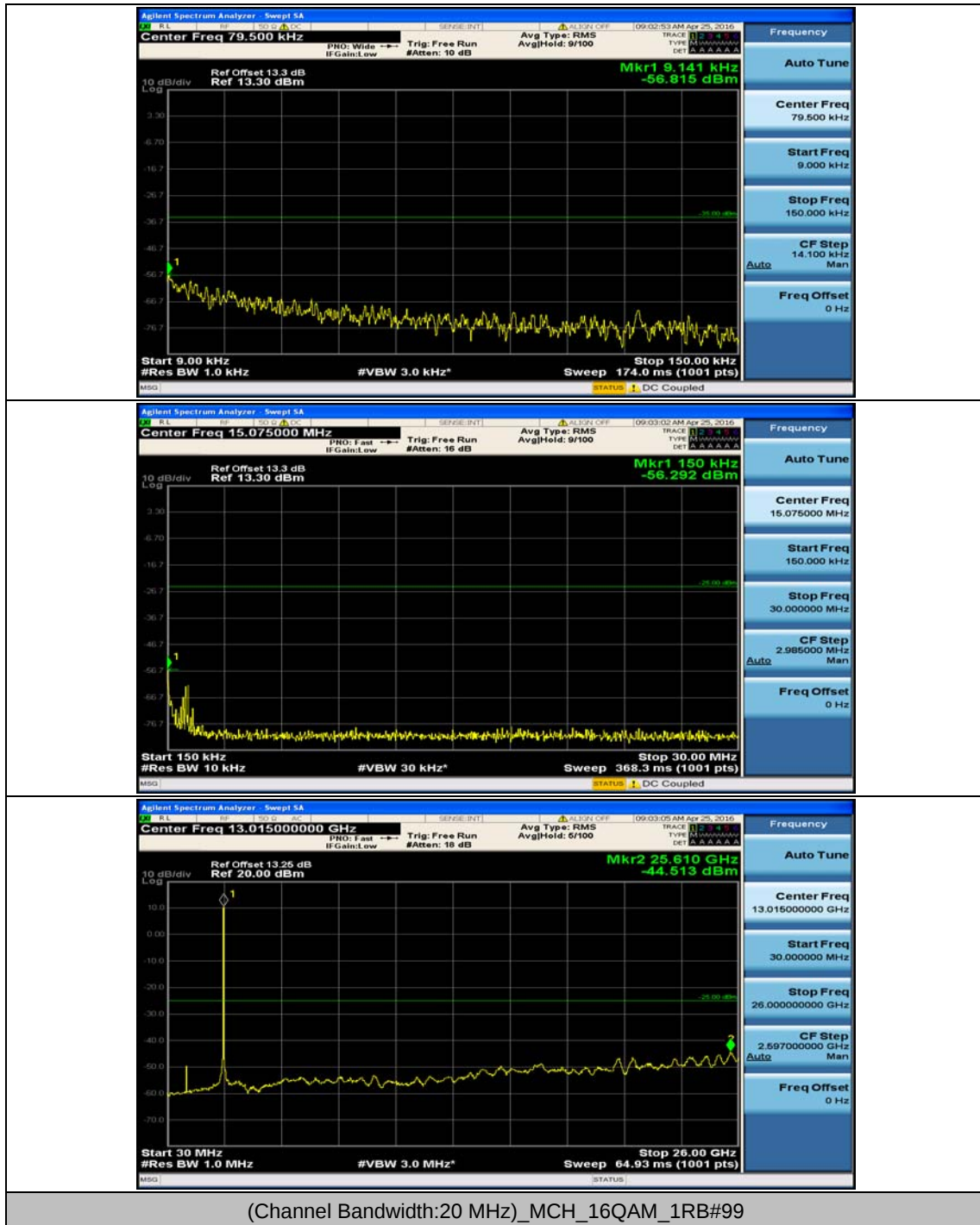


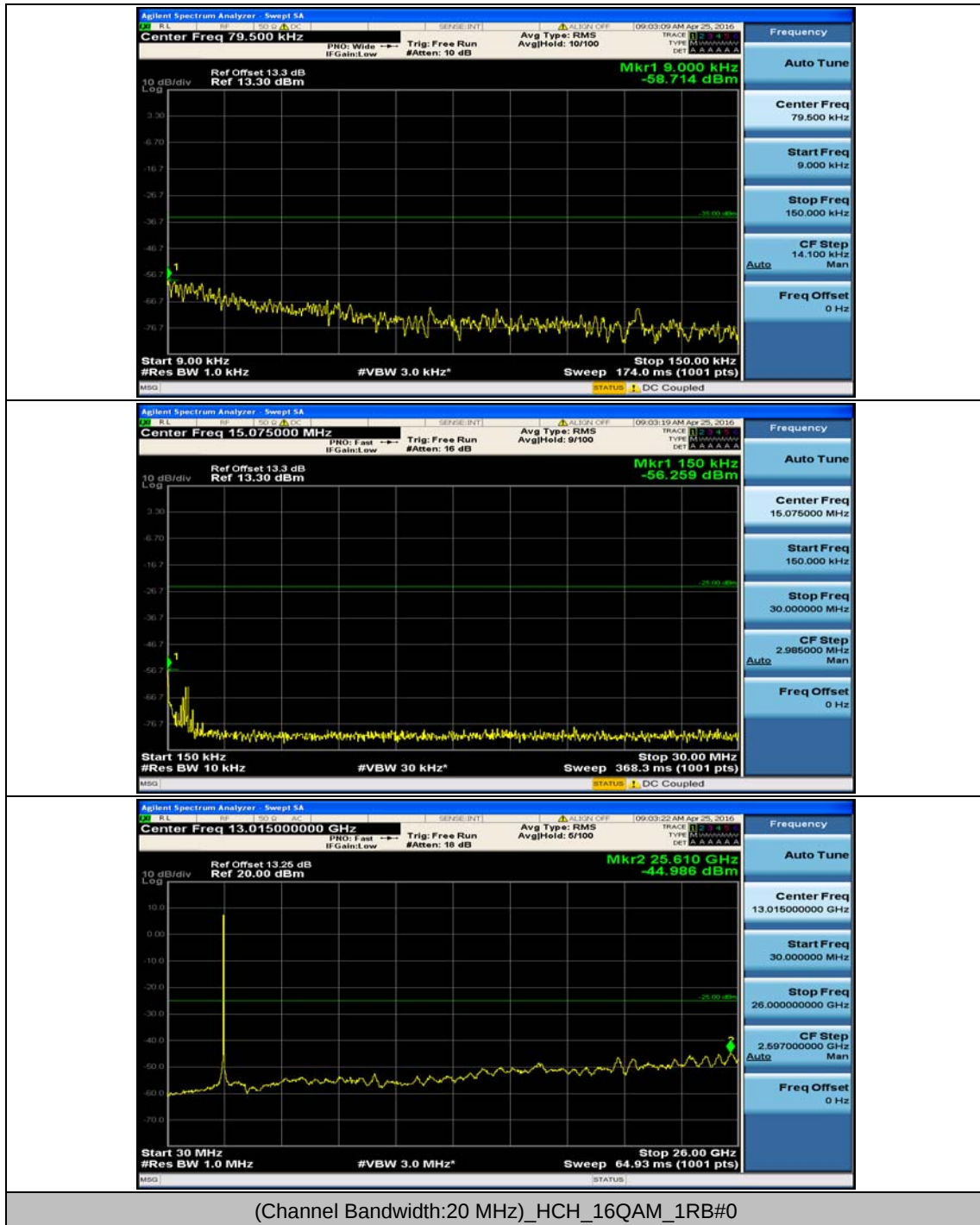


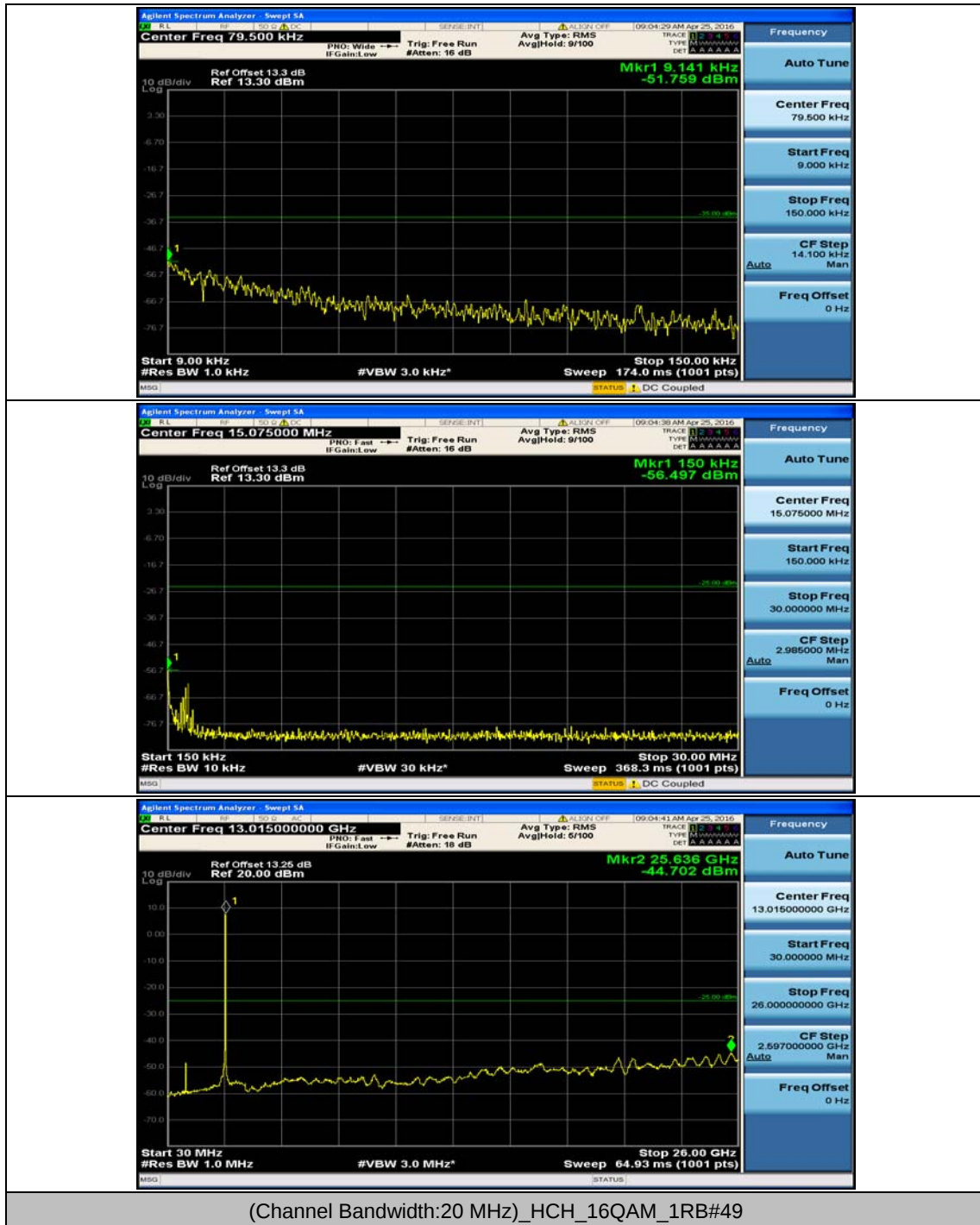


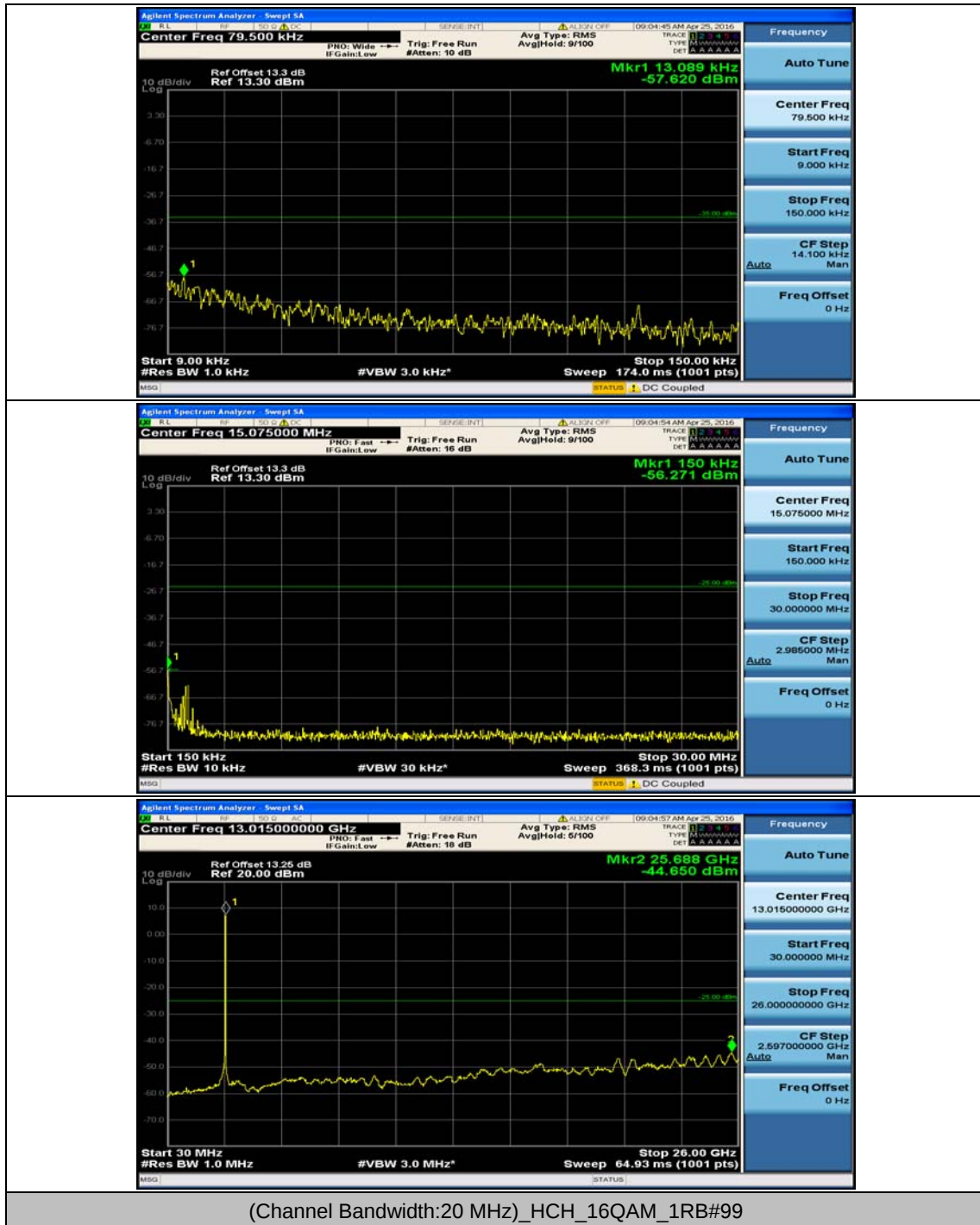


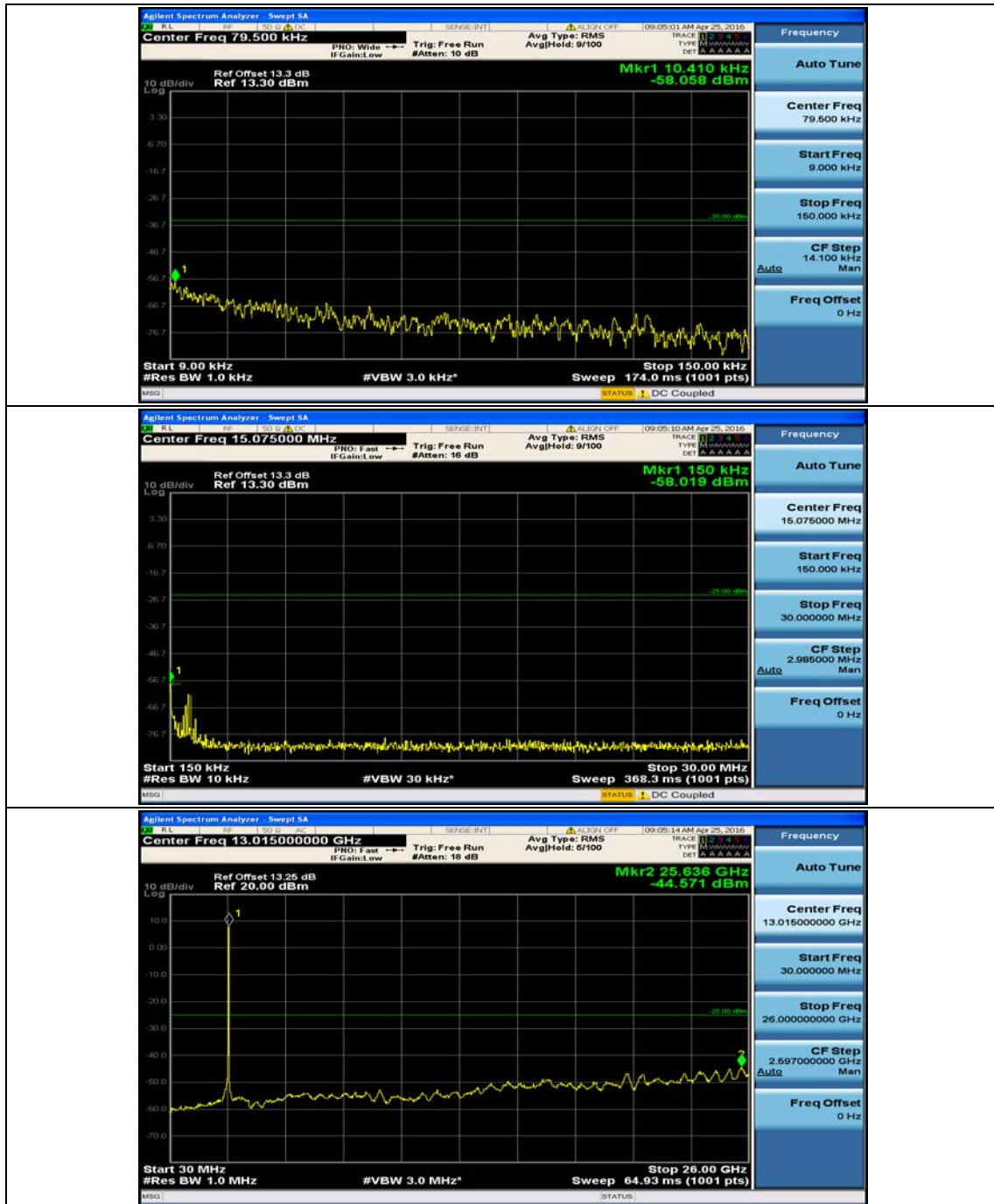












Appendix E: Frequency Stability

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	0.56	0.000224	± 2.5	PASS
		VN	TN	4.99	0.001997	± 2.5	PASS
		VH	TN	-1.03	-0.000412	± 2.5	PASS
	MCH	VL	TN	-0.78	-0.000301	± 2.5	PASS
		VN	TN	2.12	0.000818	± 2.5	PASS
		VH	TN	0.8	0.000309	± 2.5	PASS
	HCH	VL	TN	1.39	0.000517	± 2.5	PASS
		VN	TN	-0.44	-0.000164	± 2.5	PASS
		VH	TN	4.26	0.001585	± 2.5	PASS
16QAM	LCH	VL	TN	-0.01	-0.000004	± 2.5	PASS
		VN	TN	3.64	0.001457	± 2.5	PASS
		VH	TN	4.4	0.001761	± 2.5	PASS
	MCH	VL	TN	0.57	0.000220	± 2.5	PASS
		VN	TN	4.36	0.001681	± 2.5	PASS
		VH	TN	0.4	0.000154	± 2.5	PASS
	HCH	VL	TN	2.96	0.001101	± 2.5	PASS
		VN	TN	4.99	0.001857	± 2.5	PASS
		VH	TN	4.03	0.001500	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-40	0.06	0.000024	± 2.5	PASS
		VN	-30	-1.17	-0.000468	± 2.5	PASS
		VN	-20	0.06	0.000024	± 2.5	PASS
		VN	-10	3.61	0.001445	± 2.5	PASS
		VN	0	2.64	0.001057	± 2.5	PASS
		VN	10	3.5	0.001401	± 2.5	PASS
		VN	20	4.57	0.001829	± 2.5	PASS
		VN	30	2.8	0.001121	± 2.5	PASS
		VN	40	3.91	0.001565	± 2.5	PASS
		VN	50	3.86	0.001545	± 2.5	PASS
		VN	55	-1.17	-0.000468	± 2.5	PASS
	MCH	VN	-40	-0.39	-0.000150	± 2.5	PASS

		VN	-30	-0.39	-0.000150	± 2.5	PASS
		VN	-20	-1.24	-0.000478	± 2.5	PASS
		VN	-10	1.66	0.000640	± 2.5	PASS
		VN	0	0.89	0.000343	± 2.5	PASS
		VN	10	3.08	0.001188	± 2.5	PASS
		VN	20	-0.97	-0.000374	± 2.5	PASS
		VN	30	0.53	0.000204	± 2.5	PASS
		VN	40	4.67	0.001801	± 2.5	PASS
		VN	50	1.01	0.000390	± 2.5	PASS
		VN	55	0.53	0.000204	± 2.5	PASS
	HCH	VN	-40	0.83	0.000309	± 2.5	PASS
		VN	-30	-1.21	-0.000450	± 2.5	PASS
		VN	-20	-1.47	-0.000547	± 2.5	PASS
		VN	-10	3.95	0.001470	± 2.5	PASS
		VN	0	1.37	0.000510	± 2.5	PASS
		VN	10	3.47	0.001291	± 2.5	PASS
		VN	20	0.83	0.000309	± 2.5	PASS
		VN	30	0.15	0.000056	± 2.5	PASS
		VN	40	3.85	0.001433	± 2.5	PASS
		VN	50	4.21	0.001567	± 2.5	PASS
		VN	55	0.15	0.000056	± 2.5	PASS
16QAM	LCH	VN	-40	0.92	0.000368	± 2.5	PASS
		VN	-30	1.03	0.000412	± 2.5	PASS
		VN	-20	0.49	0.000196	± 2.5	PASS
		VN	-10	-0.98	-0.000392	± 2.5	PASS
		VN	0	0.92	0.000368	± 2.5	PASS
		VN	10	4.82	0.001929	± 2.5	PASS
		VN	20	4.71	0.001885	± 2.5	PASS
		VN	30	4.8	0.001921	± 2.5	PASS
		VN	40	0.82	0.000328	± 2.5	PASS
		VN	50	2.65	0.001061	± 2.5	PASS
		VN	55	-0.98	-0.000392	± 2.5	PASS
	MCH	VN	-40	-0.1	-0.000039	± 2.5	PASS
		VN	-30	4.03	0.001554	± 2.5	PASS
		VN	-20	-0.1	-0.000039	± 2.5	PASS
		VN	-10	4.53	0.001747	± 2.5	PASS
		VN	0	1.9	0.000733	± 2.5	PASS
		VN	10	3.98	0.001535	± 2.5	PASS
		VN	20	3.89	0.001500	± 2.5	PASS
		VN	30	-1.8	-0.000694	± 2.5	PASS
		VN	40	-0.08	-0.000031	± 2.5	PASS

		VN	50	1.6	0.000617	± 2.5	PASS
		VN	55	1.9	0.000733	± 2.5	PASS
	HCH	VN	-40	-0.73	-0.000272	± 2.5	PASS
		VN	-30	-1.26	-0.000469	± 2.5	PASS
		VN	-20	1.72	0.000640	± 2.5	PASS
		VN	-10	1.21	0.000450	± 2.5	PASS
		VN	0	-0.73	-0.000272	± 2.5	PASS
		VN	10	1.04	0.000387	± 2.5	PASS
		VN	20	-0.03	-0.000011	± 2.5	PASS
		VN	30	3.65	0.001358	± 2.5	PASS
		VN	40	4.38	0.001630	± 2.5	PASS
		VN	50	-11.63	-0.004327	± 2.5	PASS
		VN	55	-0.03	-0.000011	± 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	2.97	0.001188	± 2.5	PASS
		VN	TN	3.2	0.001279	± 2.5	PASS
		VH	TN	-0.33	-0.000132	± 2.5	PASS
	MCH	VL	TN	4.41	0.001701	± 2.5	PASS
		VN	TN	4.08	0.001573	± 2.5	PASS
		VH	TN	4.94	0.001905	± 2.5	PASS
	HCH	VL	TN	-1.38	-0.000514	± 2.5	PASS
		VN	TN	4.68	0.001743	± 2.5	PASS
		VH	TN	2.75	0.001024	± 2.5	PASS
16QAM	LCH	VL	TN	3.92	0.001567	± 2.5	PASS
		VN	TN	-0.07	-0.000028	± 2.5	PASS
		VH	TN	-1.68	-0.000672	± 2.5	PASS
	MCH	VL	TN	1.7	0.000656	± 2.5	PASS
		VN	TN	3.96	0.001527	± 2.5	PASS
		VH	TN	2.1	0.000810	± 2.5	PASS
	HCH	VL	TN	0.74	0.000276	± 2.5	PASS
		VN	TN	2.81	0.001047	± 2.5	PASS
		VH	TN	-1.49	-0.000555	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
16QAM	LCH	VN	-40	-1.27	-0.000508	± 2.5	PASS

		VN	-30	1.82	0.000728	± 2.5	PASS
		VN	-20	1.17	0.000468	± 2.5	PASS
		VN	-10	1.15	0.000460	± 2.5	PASS
		VN	0	-1.27	-0.000508	± 2.5	PASS
		VN	10	3.63	0.001451	± 2.5	PASS
		VN	20	1.46	0.000584	± 2.5	PASS
		VN	30	3.96	0.001583	± 2.5	PASS
		VN	40	-0.71	-0.000284	± 2.5	PASS
		VN	50	3.55	0.001419	± 2.5	PASS
		VN	55	1.17	0.000468	± 2.5	PASS
	MCH	VN	-40	1.02	0.000393	± 2.5	PASS
		VN	-30	4.53	0.001747	± 2.5	PASS
		VN	-20	4.43	0.001708	± 2.5	PASS
		VN	-10	4.67	0.001801	± 2.5	PASS
		VN	0	1.02	0.000393	± 2.5	PASS
		VN	10	-0.23	-0.000089	± 2.5	PASS
		VN	20	4.46	0.001720	± 2.5	PASS
		VN	30	3.69	0.001423	± 2.5	PASS
		VN	40	-0.01	-0.000004	± 2.5	PASS
		VN	50	-0.97	-0.000374	± 2.5	PASS
		VN	55	-0.23	-0.000089	± 2.5	PASS
	HCH	VN	-40	0.58	0.000216	± 2.5	PASS
		VN	-30	-0.93	-0.000346	± 2.5	PASS
		VN	-20	-1.27	-0.000473	± 2.5	PASS
		VN	-10	2.79	0.001039	± 2.5	PASS
		VN	0	0.58	0.000216	± 2.5	PASS
		VN	10	-0.98	-0.000365	± 2.5	PASS
		VN	20	1.68	0.000626	± 2.5	PASS
		VN	30	1.15	0.000428	± 2.5	PASS
		VN	40	0.43	0.000160	± 2.5	PASS
		VN	50	-1.4	-0.000521	± 2.5	PASS
		VN	55	-0.98	-0.000365	± 2.5	PASS
QPSK	LCH	VN	-40	0.31	0.000124	± 2.5	PASS
		VN	-30	-1.19	-0.000476	± 2.5	PASS
		VN	-20	-1.21	-0.000484	± 2.5	PASS
		VN	-10	2.36	0.000944	± 2.5	PASS
		VN	0	3.3	0.001319	± 2.5	PASS
		VN	10	2.87	0.001148	± 2.5	PASS
		VN	20	0.31	0.000124	± 2.5	PASS
		VN	30	1.25	0.000500	± 2.5	PASS
		VN	40	4.5	0.001799	± 2.5	PASS

		VN	50	-1.37	-0.000548	± 2.5	PASS
		VN	55	-1.19	-0.000476	± 2.5	PASS
	MCH	VN	-40	-0.02	-0.000008	± 2.5	PASS
		VN	-30	1.25	0.000482	± 2.5	PASS
		VN	-20	-1.86	-0.000717	± 2.5	PASS
		VN	-10	-0.02	-0.000008	± 2.5	PASS
		VN	0	-0.89	-0.000343	± 2.5	PASS
		VN	10	-0.69	-0.000266	± 2.5	PASS
		VN	20	-1.43	-0.000551	± 2.5	PASS
		VN	30	-1.75	-0.000675	± 2.5	PASS
		VN	40	2.82	0.001088	± 2.5	PASS
		VN	50	0.86	0.000332	± 2.5	PASS
		VN	55	-0.89	-0.000343	± 2.5	PASS
	HCH	VN	-40	0.08	0.000030	± 2.5	PASS
		VN	-30	0.44	0.000164	± 2.5	PASS
		VN	-20	2.23	0.000831	± 2.5	PASS
		VN	-10	-1.09	-0.000406	± 2.5	PASS
		VN	0	0.08	0.000030	± 2.5	PASS
		VN	10	-0.32	-0.000119	± 2.5	PASS
		VN	20	-0.92	-0.000343	± 2.5	PASS
		VN	30	1.63	0.000607	± 2.5	PASS
		VN	40	1.18	0.000439	± 2.5	PASS
		VN	50	-11.63	-0.004331	± 2.5	PASS
		VN	55	-0.32	-0.000119	± 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	4.79	0.001913	± 2.5	PASS
		VN	TN	-0.74	-0.000296	± 2.5	PASS
		VH	TN	-0.99	-0.000395	± 2.5	PASS
	MCH	VL	TN	1.26	0.000486	± 2.5	PASS
		VN	TN	-1.13	-0.000436	± 2.5	PASS
		VH	TN	3.82	0.001473	± 2.5	PASS
	HCH	VL	TN	1.92	0.000716	± 2.5	PASS
		VN	TN	-1.36	-0.000507	± 2.5	PASS
		VH	TN	1.75	0.000652	± 2.5	PASS
16QAM	LCH	VL	TN	2.85	0.001138	± 2.5	PASS
		VN	TN	-0.49	-0.000196	± 2.5	PASS

		VH	TN	0.79	0.000316	± 2.5	PASS
	MCH	VL	TN	0.64	0.000247	± 2.5	PASS
		VN	TN	-1.17	-0.000451	± 2.5	PASS
		VH	TN	0.44	0.000170	± 2.5	PASS
	HCH	VL	TN	1.45	0.000541	± 2.5	PASS
		VN	TN	-0.9	-0.000336	± 2.5	PASS
		VH	TN	0.49	0.000183	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-40	-0.76	-0.000304	± 2.5	PASS
		VN	-30	-0.83	-0.000332	± 2.5	PASS
		VN	-20	4.21	0.001682	± 2.5	PASS
		VN	-10	-0.76	-0.000304	± 2.5	PASS
		VN	0	4.93	0.001969	± 2.5	PASS
		VN	10	4.22	0.001686	± 2.5	PASS
		VN	20	1.22	0.000487	± 2.5	PASS
		VN	30	-1.45	-0.000579	± 2.5	PASS
		VN	40	2.26	0.000903	± 2.5	PASS
		VN	50	1.57	0.000627	± 2.5	PASS
		VN	55	-0.83	-0.000332	± 2.5	PASS
	MCH	VN	-40	0.13	0.000050	± 2.5	PASS
		VN	-30	0.13	0.000050	± 2.5	PASS
		VN	-20	2.27	0.000875	± 2.5	PASS
		VN	-10	0.52	0.000201	± 2.5	PASS
		VN	0	-1.47	-0.000567	± 2.5	PASS
		VN	10	-0.89	-0.000343	± 2.5	PASS
		VN	20	0.63	0.000243	± 2.5	PASS
		VN	30	2.59	0.000999	± 2.5	PASS
		VN	40	-0.41	-0.000158	± 2.5	PASS
		VN	50	1.76	0.000679	± 2.5	PASS
		VN	55	-0.89	-0.000343	± 2.5	PASS
	HCH	VN	-40	0.24	0.000089	± 2.5	PASS
		VN	-30	3.09	0.001152	± 2.5	PASS
		VN	-20	0.87	0.000324	± 2.5	PASS
		VN	-10	1.93	0.000719	± 2.5	PASS
		VN	0	4.63	0.001726	± 2.5	PASS
		VN	10	1.81	0.000675	± 2.5	PASS
		VN	20	0.24	0.000089	± 2.5	PASS
		VN	30	2.32	0.000865	± 2.5	PASS
		VN	40	4.59	0.001711	± 2.5	PASS
		VN	50	4.63	0.001726	± 2.5	PASS

		VN	50	0.87	0.000324	± 2.5	PASS
QPSK	LCH	VN	-40	-0.11	-0.000044	± 2.5	PASS
		VN	-30	1.73	0.000691	± 2.5	PASS
		VN	-20	0.53	0.000212	± 2.5	PASS
		VN	-10	1.06	0.000423	± 2.5	PASS
		VN	0	-0.11	-0.000044	± 2.5	PASS
		VN	10	1.8	0.000719	± 2.5	PASS
		VN	20	3.84	0.001534	± 2.5	PASS
		VN	30	2.42	0.000967	± 2.5	PASS
		VN	40	0.4	0.000160	± 2.5	PASS
		VN	50	3.55	0.001418	± 2.5	PASS
		VN	55	0.4	0.000160	± 2.5	PASS
	MCH	VN	-40	-0.11	-0.000042	± 2.5	PASS
		VN	-30	-0.11	-0.000042	± 2.5	PASS
		VN	-20	3.68	0.001419	± 2.5	PASS
		VN	-10	2.26	0.000872	± 2.5	PASS
		VN	0	3.93	0.001516	± 2.5	PASS
		VN	10	1.46	0.000563	± 2.5	PASS
		VN	20	4.23	0.001631	± 2.5	PASS
		VN	30	2.26	0.000872	± 2.5	PASS
		VN	40	4.64	0.001789	± 2.5	PASS
		VN	50	4.19	0.001616	± 2.5	PASS
		VN	55	1.46	0.000563	± 2.5	PASS
	HCH	VN	-40	-0.86	-0.000321	± 2.5	PASS
		VN	-30	-1.63	-0.000608	± 2.5	PASS
		VN	-20	4.85	0.001808	± 2.5	PASS
		VN	-10	1.44	0.000537	± 2.5	PASS
		VN	0	-1.51	-0.000563	± 2.5	PASS
		VN	10	3.44	0.001282	± 2.5	PASS
		VN	20	2.82	0.001051	± 2.5	PASS
		VN	30	-0.86	-0.000321	± 2.5	PASS
		VN	40	4.05	0.001510	± 2.5	PASS
		VN	50	-11.63	-0.004336	± 2.5	PASS
		VN	55	-1.63	-0.000608	± 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	3.81	0.001520	± 2.5	PASS

		VN	TN	-1.94	-0.000774	± 2.5	PASS
		VH	TN	4.9	0.001955	± 2.5	PASS
	MCH	VL	TN	3.08	0.001188	± 2.5	PASS
		VN	TN	2.71	0.001045	± 2.5	PASS
		VH	TN	-0.04	-0.000015	± 2.5	PASS
	HCH	VL	TN	-1.68	-0.000627	± 2.5	PASS
		VN	TN	1.65	0.000616	± 2.5	PASS
		VH	TN	-0.22	-0.000082	± 2.5	PASS
16QAM	LCH	VL	TN	3.75	0.001496	± 2.5	PASS
		VN	TN	-1.58	-0.000630	± 2.5	PASS
		VH	TN	0.17	0.000068	± 2.5	PASS
	MCH	VL	TN	2.83	0.001091	± 2.5	PASS
		VN	TN	-0.13	-0.000050	± 2.5	PASS
		VH	TN	3.67	0.001415	± 2.5	PASS
	HCH	VL	TN	-0.42	-0.000157	± 2.5	PASS
		VN	TN	-1.84	-0.000687	± 2.5	PASS
		VH	TN	-1.43	-0.000534	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-40	0.25	0.000100	± 2.5	PASS
		VN	-30	1.82	0.000726	± 2.5	PASS
		VN	-20	1.67	0.000666	± 2.5	PASS
		VN	-10	2.01	0.000802	± 2.5	PASS
		VN	0	2.27	0.000906	± 2.5	PASS
		VN	10	1.41	0.000563	± 2.5	PASS
		VN	20	0.25	0.000100	± 2.5	PASS
		VN	30	4.82	0.001923	± 2.5	PASS
		VN	40	-1.74	-0.000694	± 2.5	PASS
		VN	50	2.26	0.000902	± 2.5	PASS
		VN	55	2.01	0.000802	± 2.5	PASS
	MCH	VN	-40	0.49	0.000189	± 2.5	PASS
		VN	-30	-1.44	-0.000555	± 2.5	PASS
		VN	-20	2.73	0.001053	± 2.5	PASS
		VN	-10	0.49	0.000189	± 2.5	PASS
		VN	0	2.84	0.001095	± 2.5	PASS
		VN	10	3.06	0.001180	± 2.5	PASS
		VN	20	-0.87	-0.000336	± 2.5	PASS
		VN	30	1.37	0.000528	± 2.5	PASS
		VN	40	1.44	0.000555	± 2.5	PASS
		VN	50	5	0.001928	± 2.5	PASS
		VN	55	2.84	0.001095	± 2.5	PASS

	HCH	VN	-40	0.8	0.000299	± 2.5	PASS
		VN	-30	-1.86	-0.000694	± 2.5	PASS
		VN	-20	4.58	0.001709	± 2.5	PASS
		VN	-10	-0.92	-0.000343	± 2.5	PASS
		VN	0	-1.42	-0.000530	± 2.5	PASS
		VN	10	0.8	0.000299	± 2.5	PASS
		VN	20	1.38	0.000515	± 2.5	PASS
		VN	30	-1.63	-0.000608	± 2.5	PASS
		VN	40	-0.64	-0.000239	± 2.5	PASS
		VN	50	-0.3	-0.000112	± 2.5	PASS
		VN	55	-0.92	-0.000343	± 2.5	PASS
QPSK	LCH	VN	-40	1.42	0.000567	± 2.5	PASS
		VN	-30	3.39	0.001353	± 2.5	PASS
		VN	-20	2.13	0.000850	± 2.5	PASS
		VN	-10	1.42	0.000567	± 2.5	PASS
		VN	0	3.95	0.001576	± 2.5	PASS
		VN	10	4.28	0.001708	± 2.5	PASS
		VN	20	3.26	0.001301	± 2.5	PASS
		VN	30	2.69	0.001073	± 2.5	PASS
		VN	40	-0.59	-0.000235	± 2.5	PASS
		VN	50	0.65	0.000259	± 2.5	PASS
		VN	55	-0.59	-0.000235	± 2.5	PASS
	MCH	VN	-40	1.66	0.000640	± 2.5	PASS
		VN	-30	-1.52	-0.000586	± 2.5	PASS
		VN	-20	2.49	0.000960	± 2.5	PASS
		VN	-10	2	0.000771	± 2.5	PASS
		VN	0	2.36	0.000910	± 2.5	PASS
		VN	10	1.66	0.000640	± 2.5	PASS
		VN	20	3.44	0.001327	± 2.5	PASS
		VN	30	-0.92	-0.000355	± 2.5	PASS
		VN	40	-0.26	-0.000100	± 2.5	PASS
		VN	50	-0.03	-0.000012	± 2.5	PASS
		VN	55	-0.92	-0.000355	± 2.5	PASS
	HCH	VN	-40	0.81	0.000302	± 2.5	PASS
		VN	-30	-0.44	-0.000164	± 2.5	PASS
		VN	-20	0.81	0.000302	± 2.5	PASS
		VN	-10	1.07	0.000399	± 2.5	PASS
		VN	0	3.36	0.001254	± 2.5	PASS
		VN	10	0.15	0.000056	± 2.5	PASS
		VN	20	3.84	0.001433	± 2.5	PASS
		VN	30	4.55	0.001698	± 2.5	PASS

		VN	40	0.96	0.000358	± 2.5	PASS
		VN	50	-11.63	-0.004340	± 2.5	PASS
		VN	55	-0.44	-0.000164	± 2.5	PASS