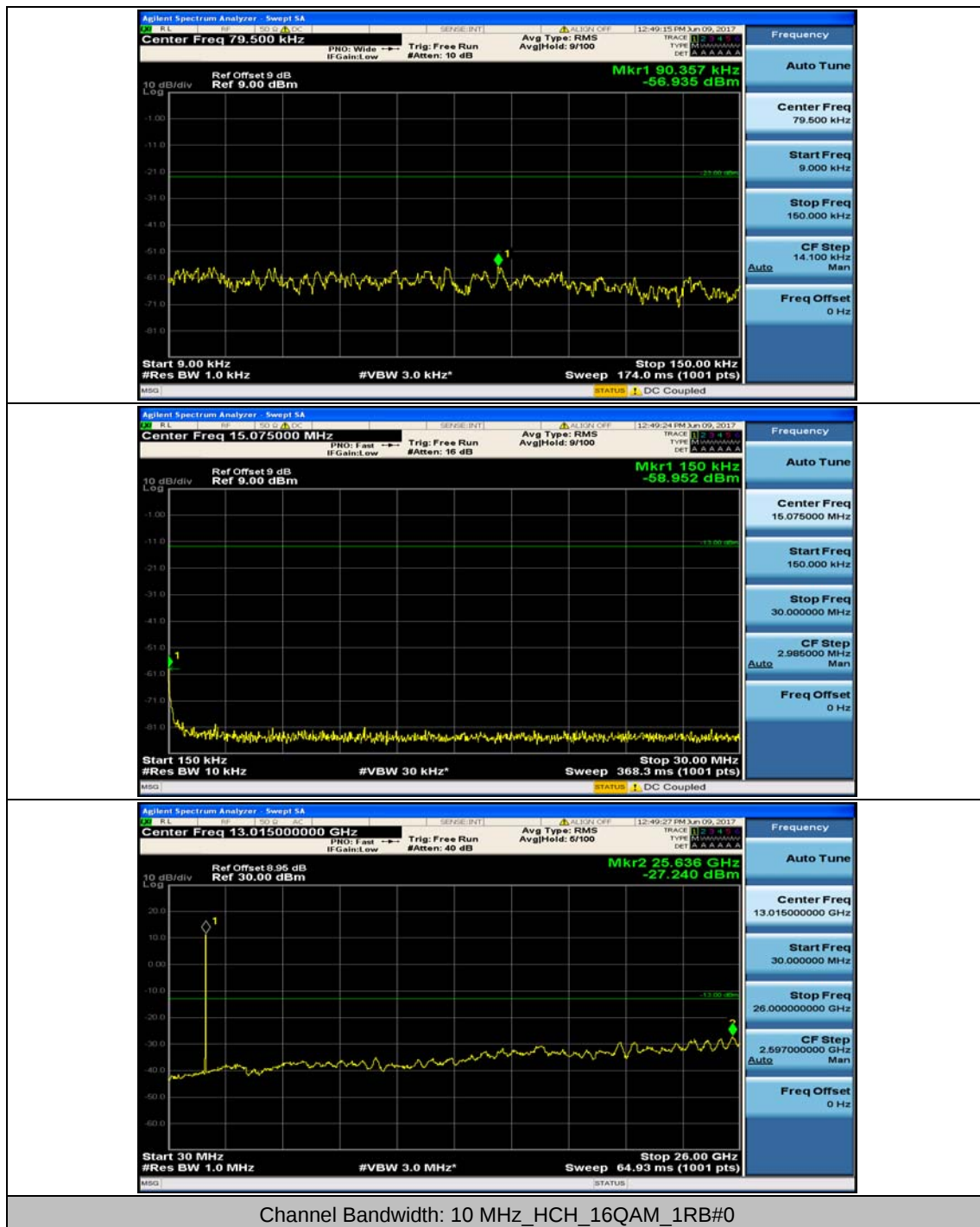
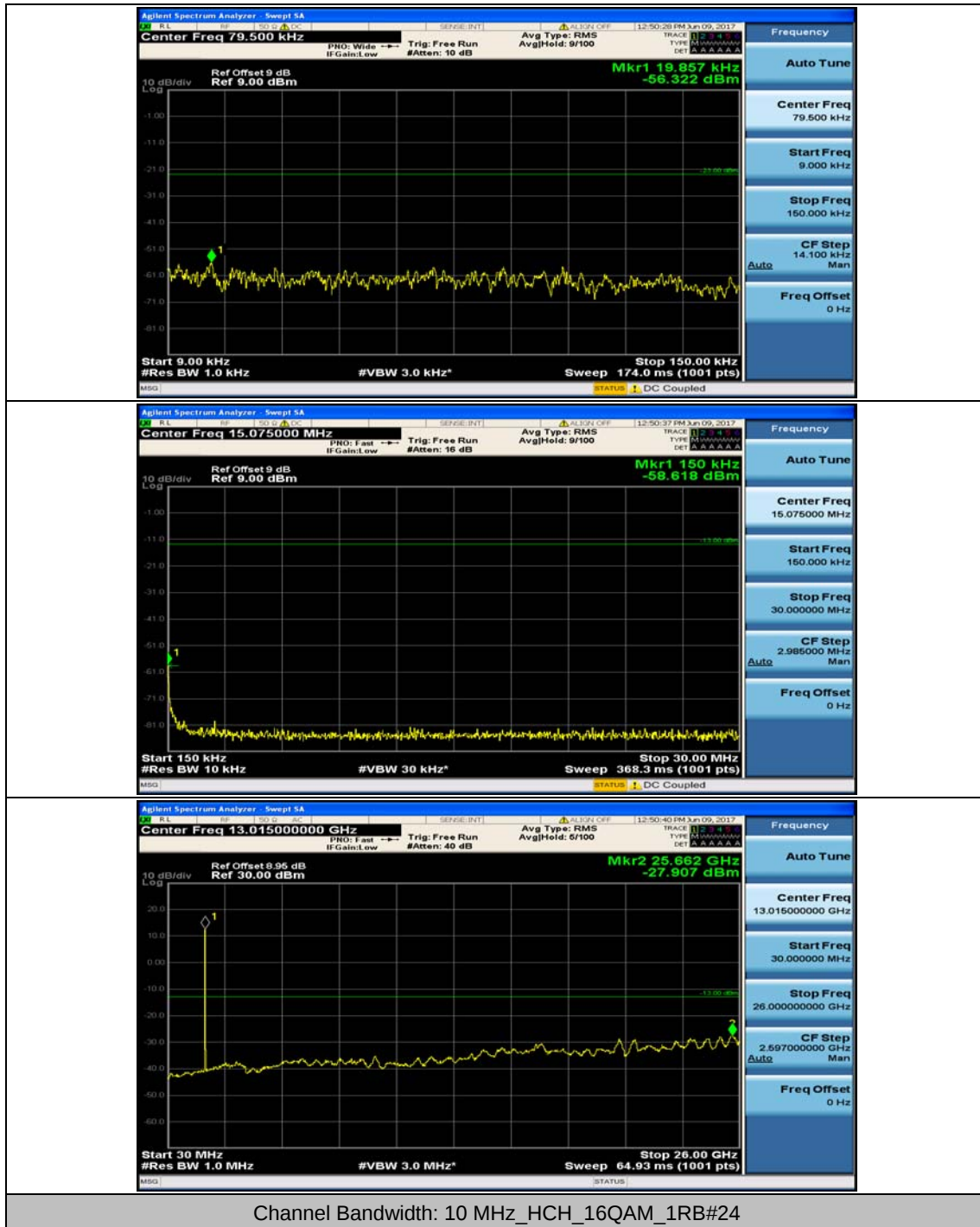
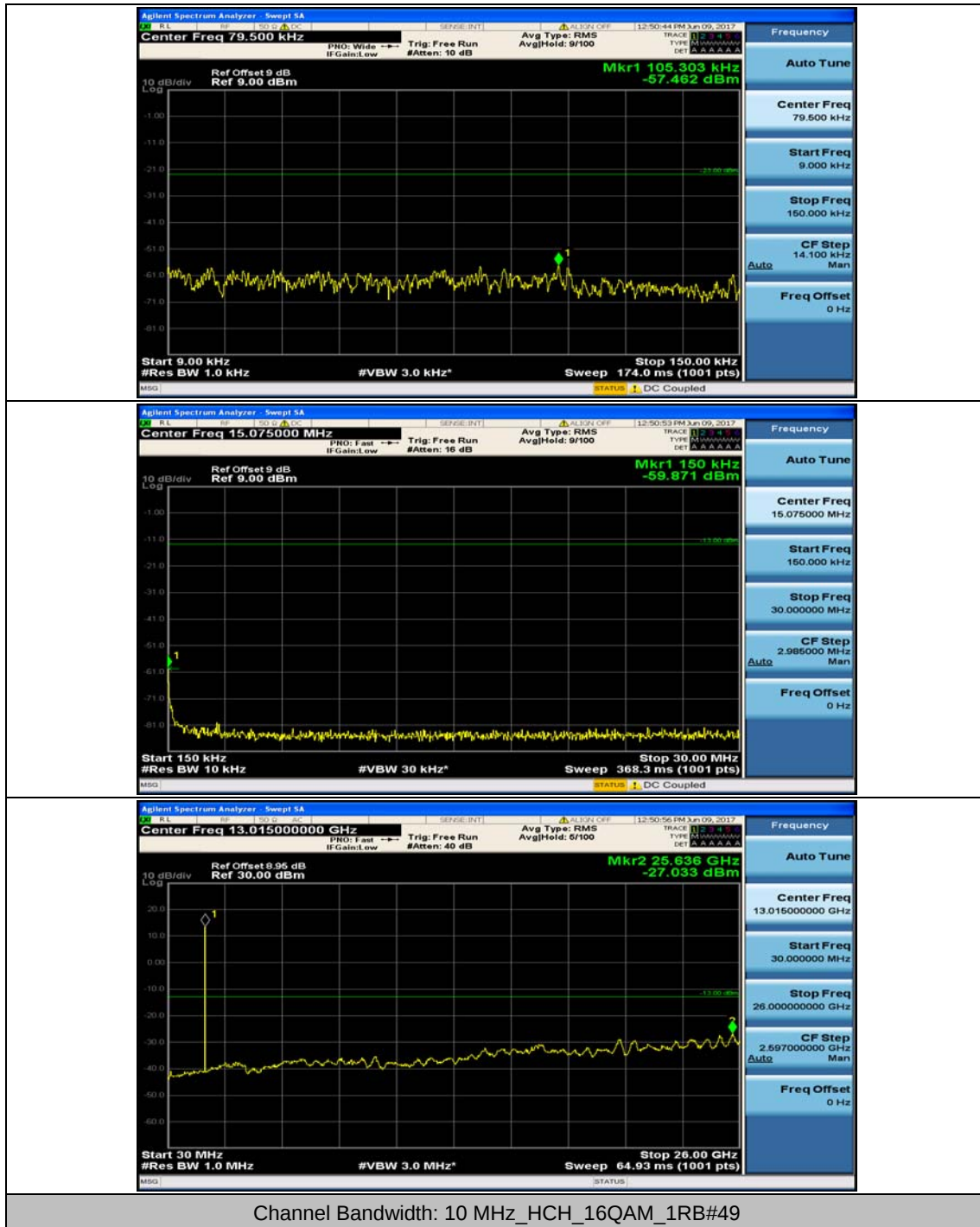
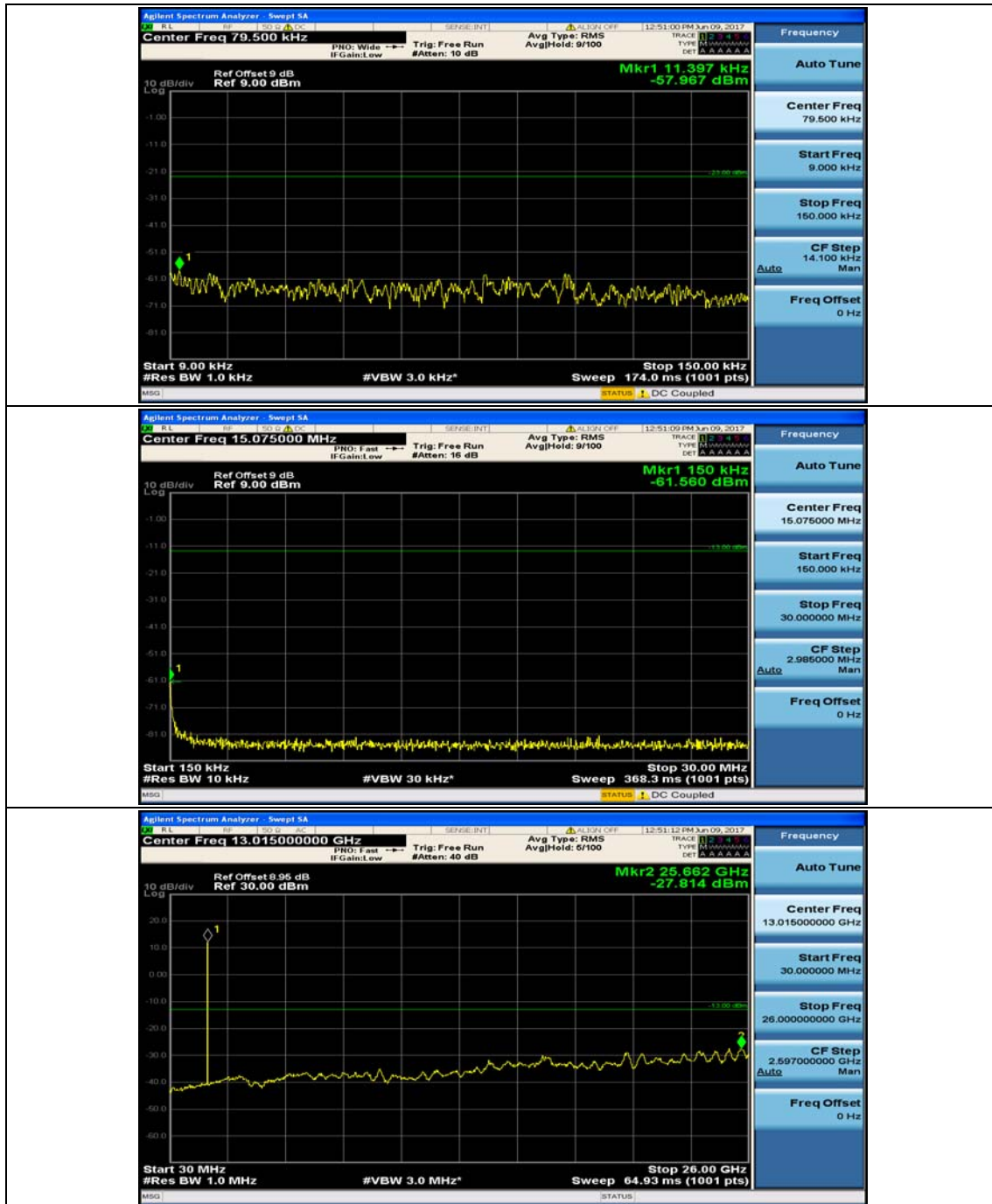


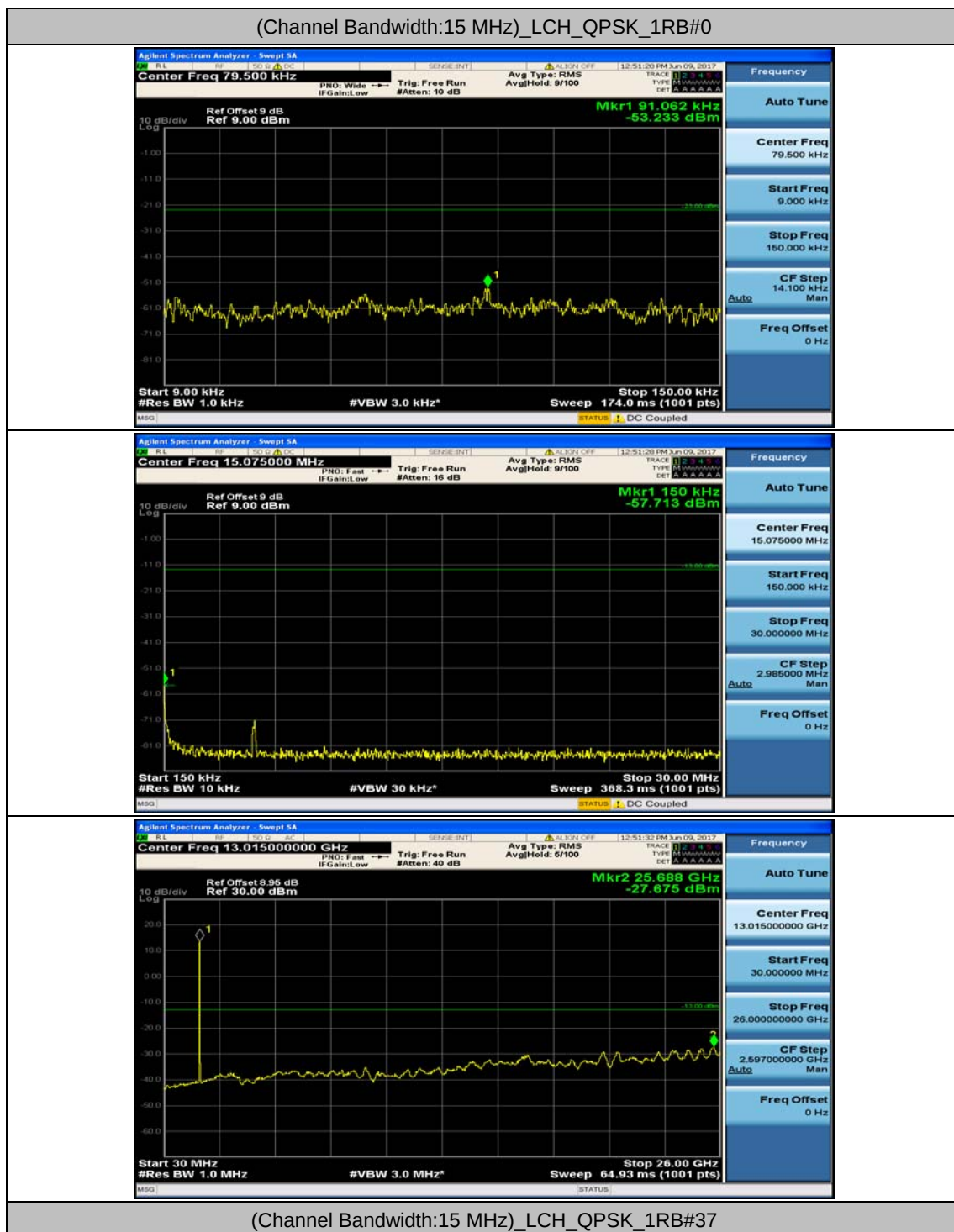


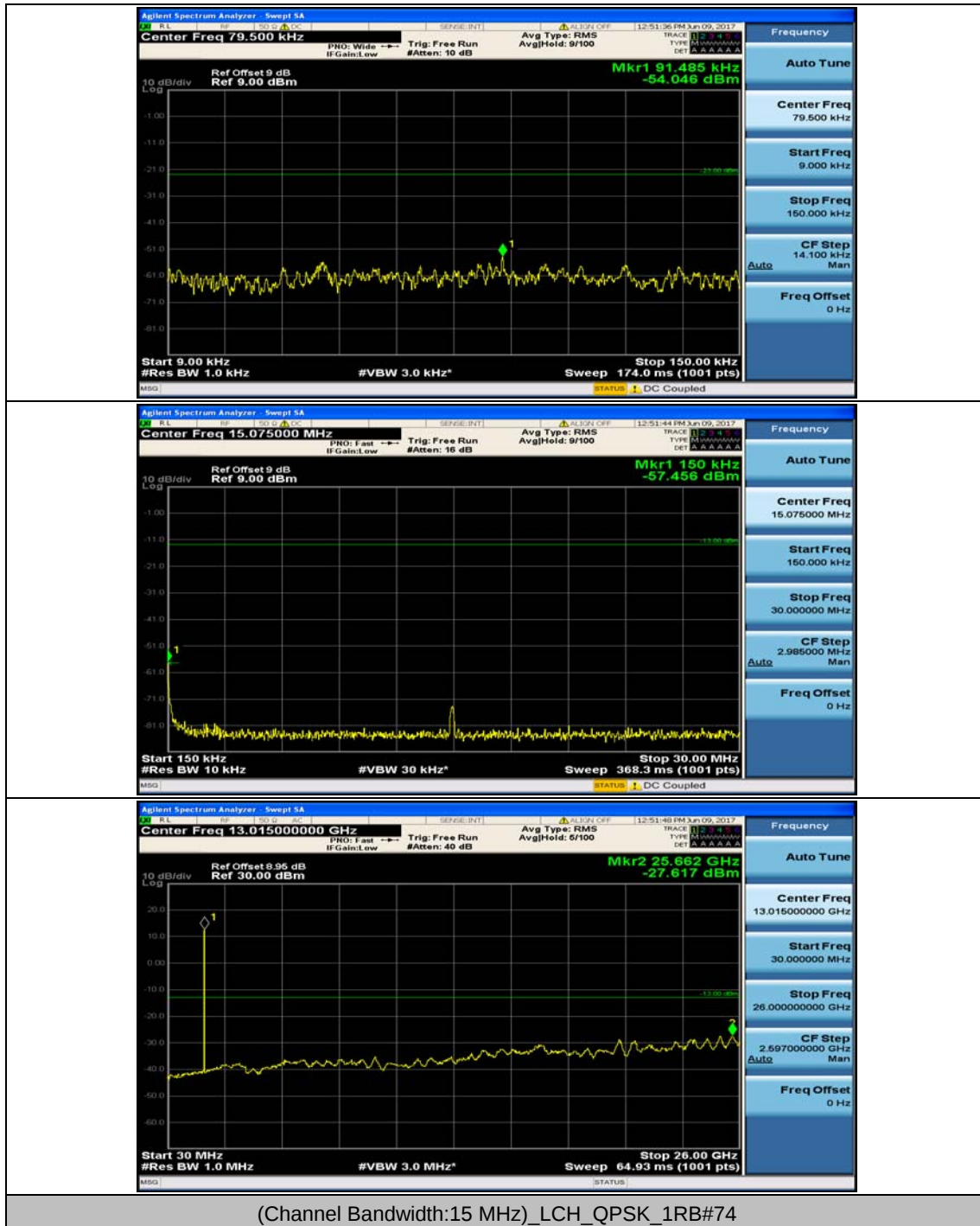


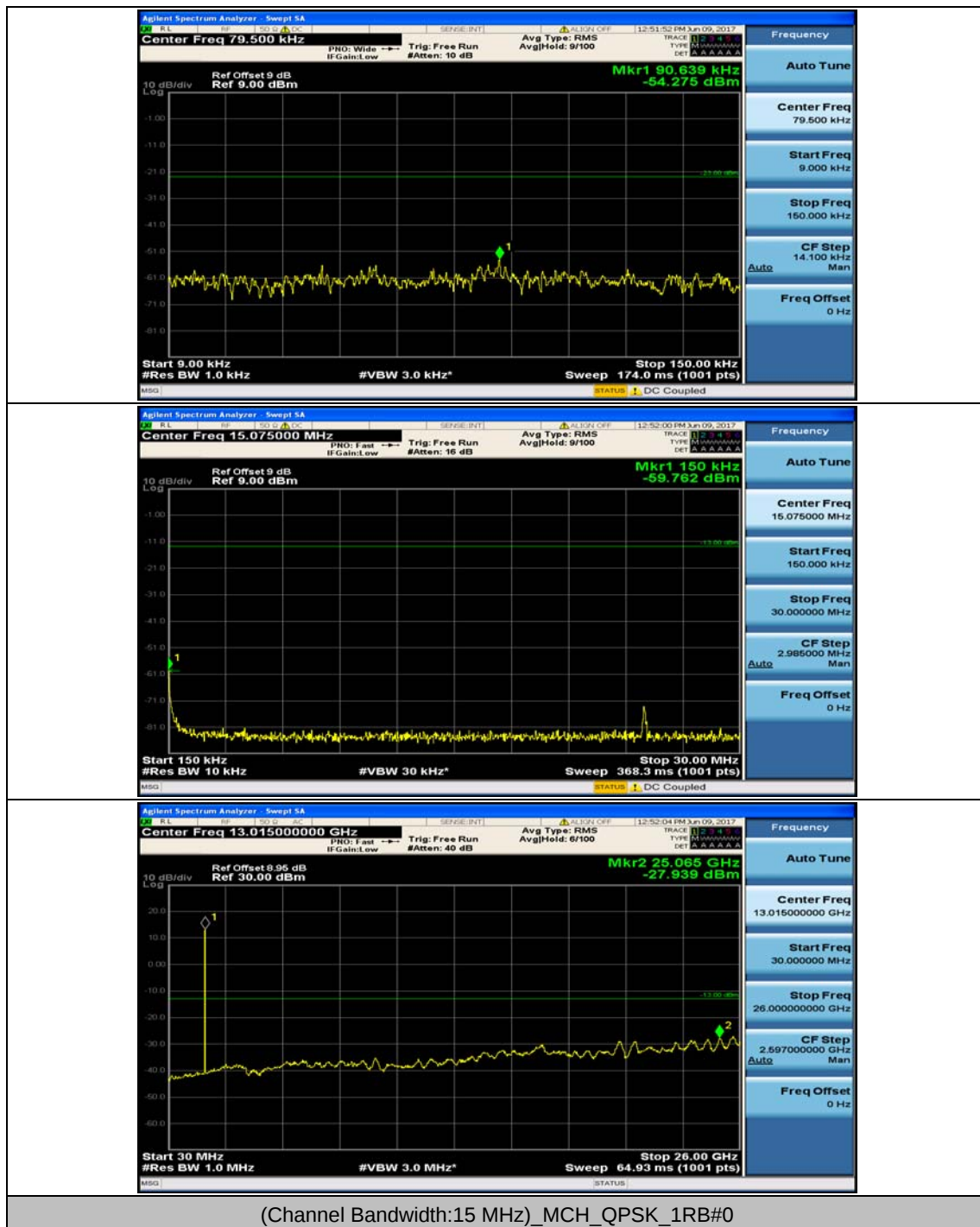


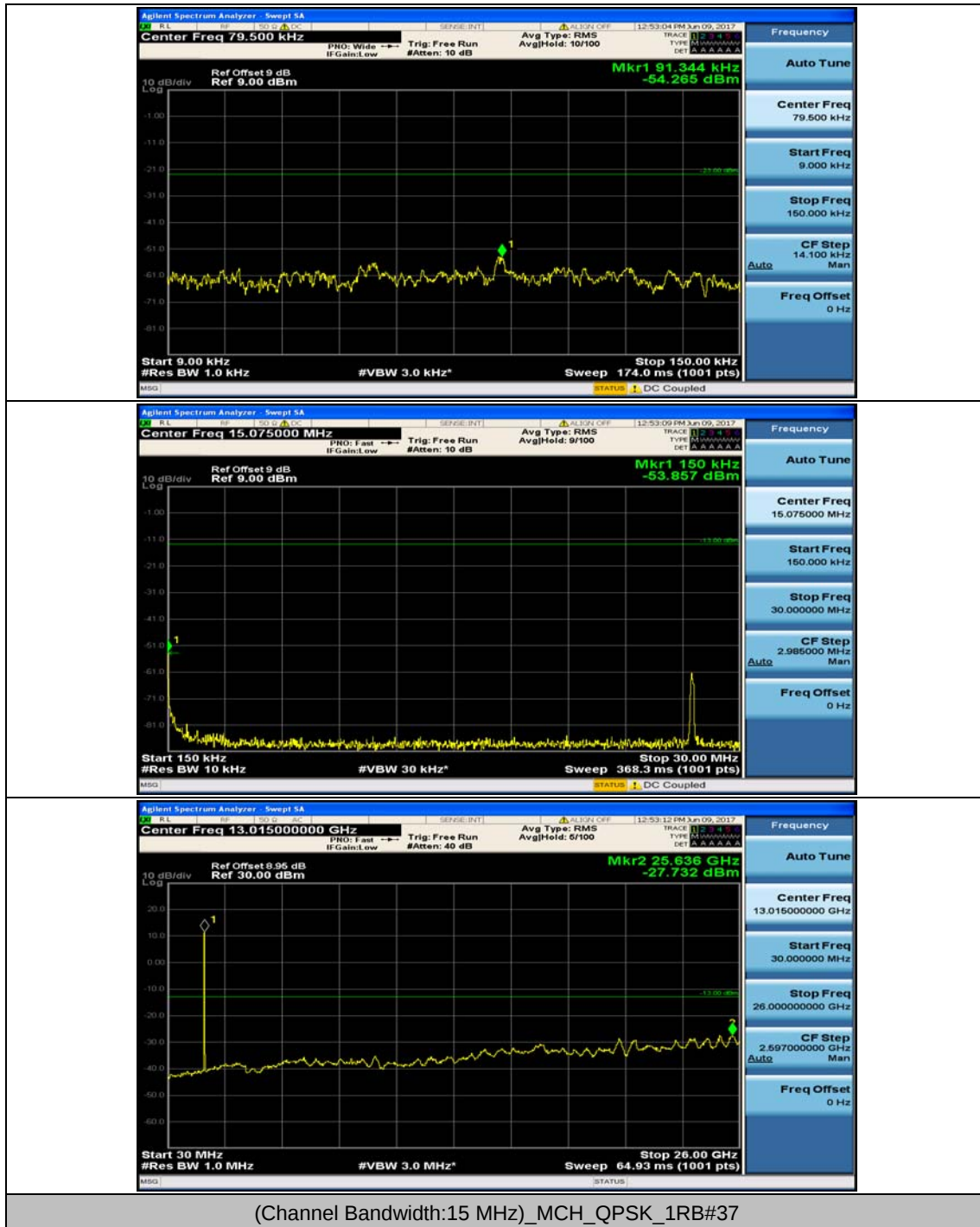


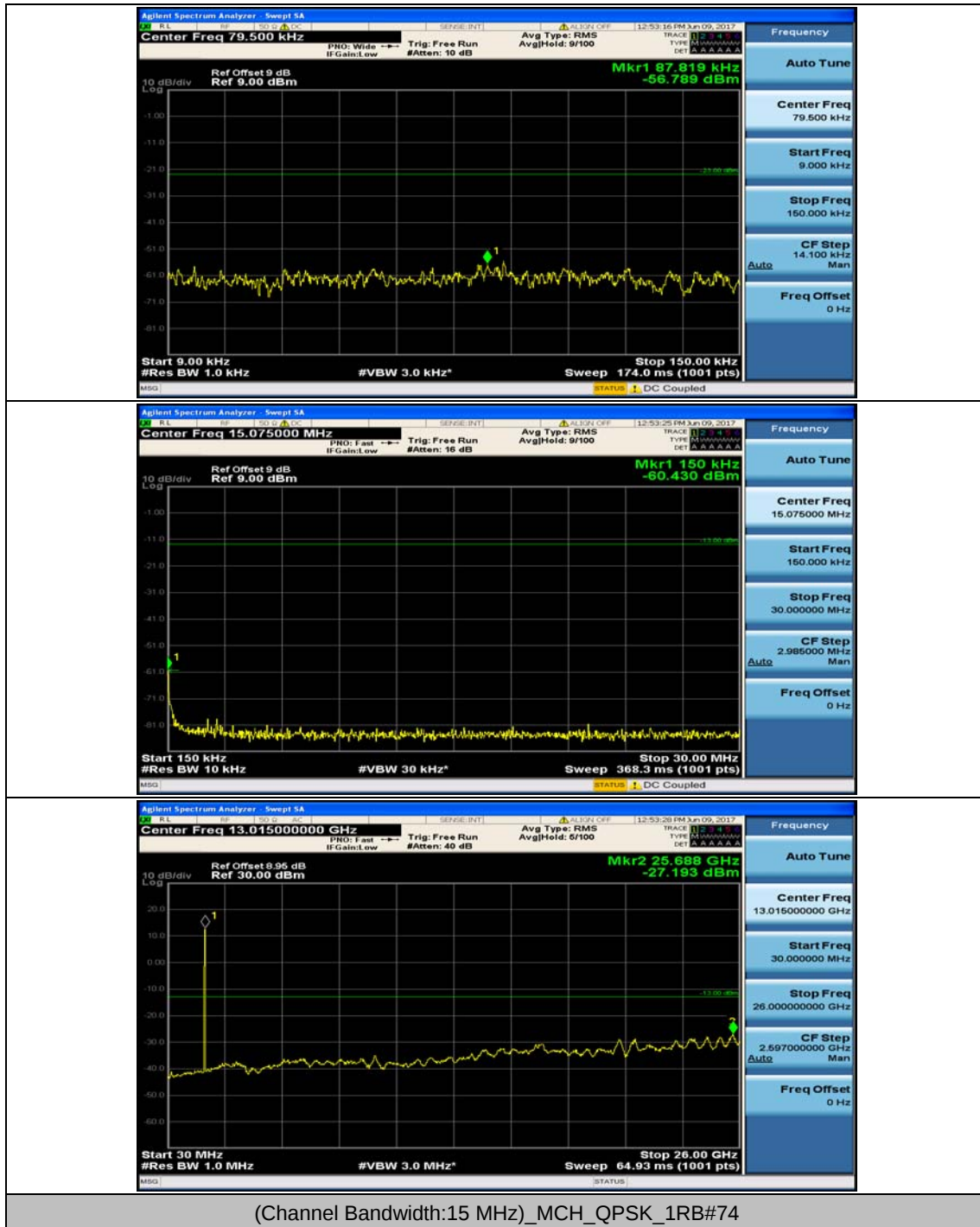
Channel Bandwidth: 15 MHz

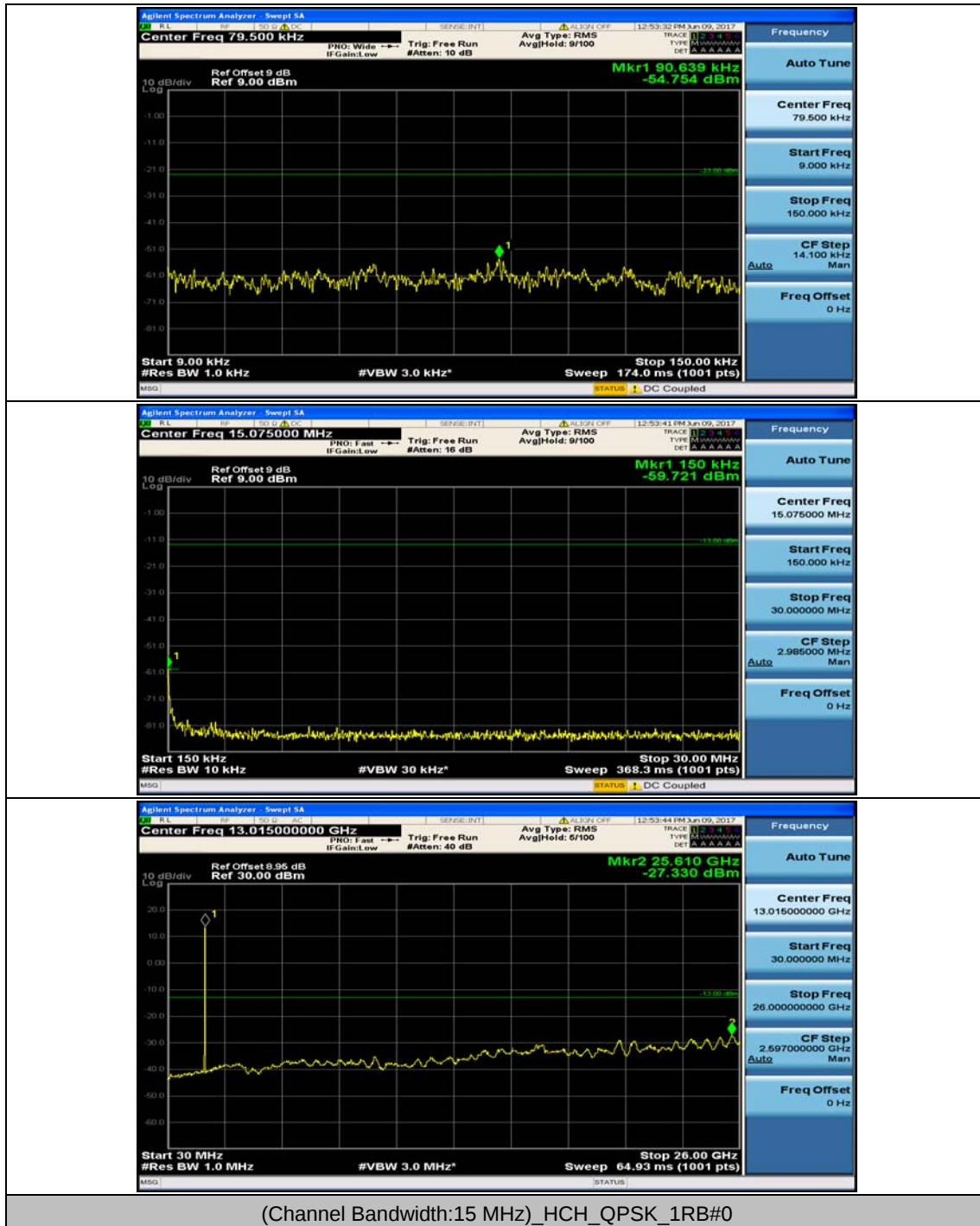


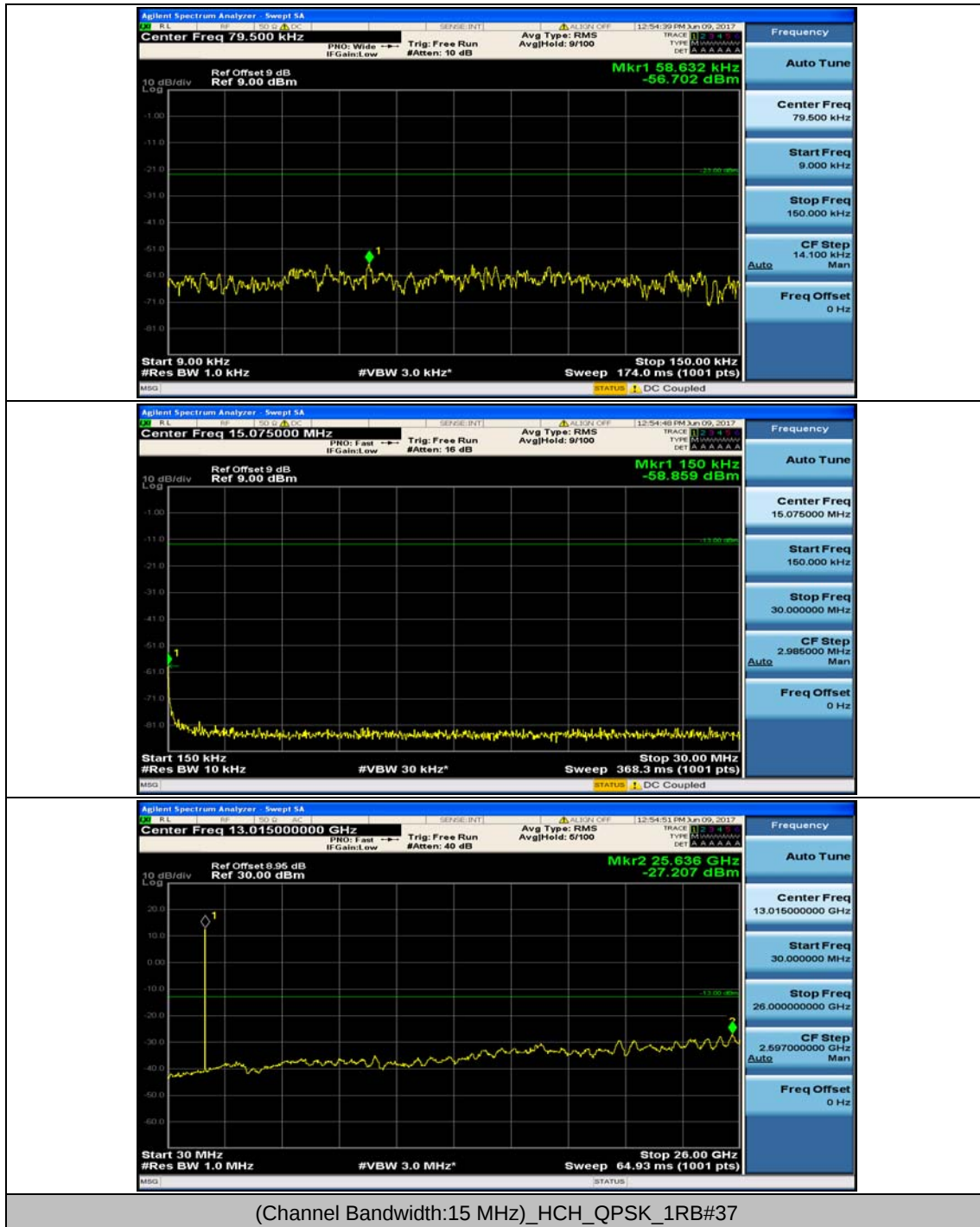


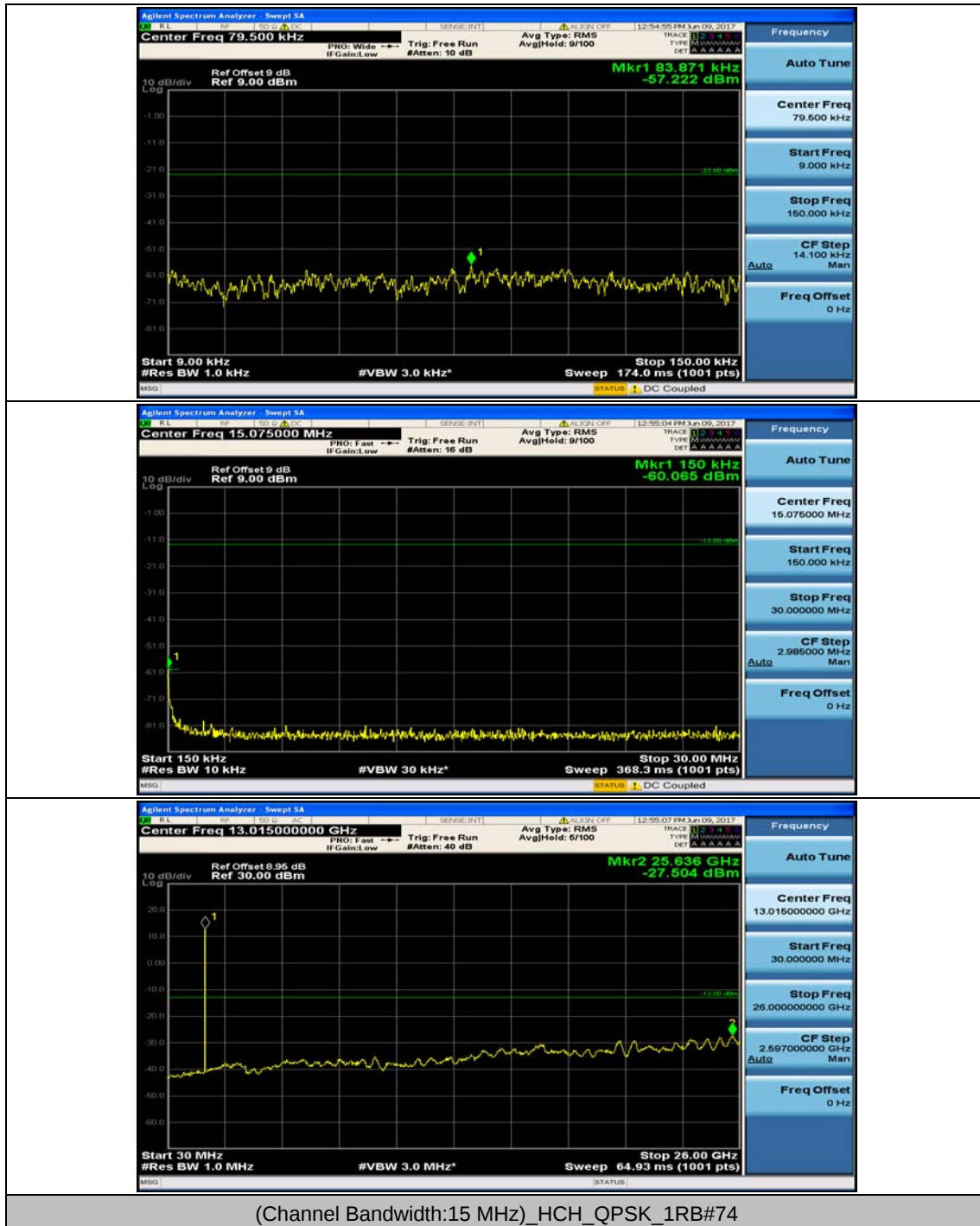


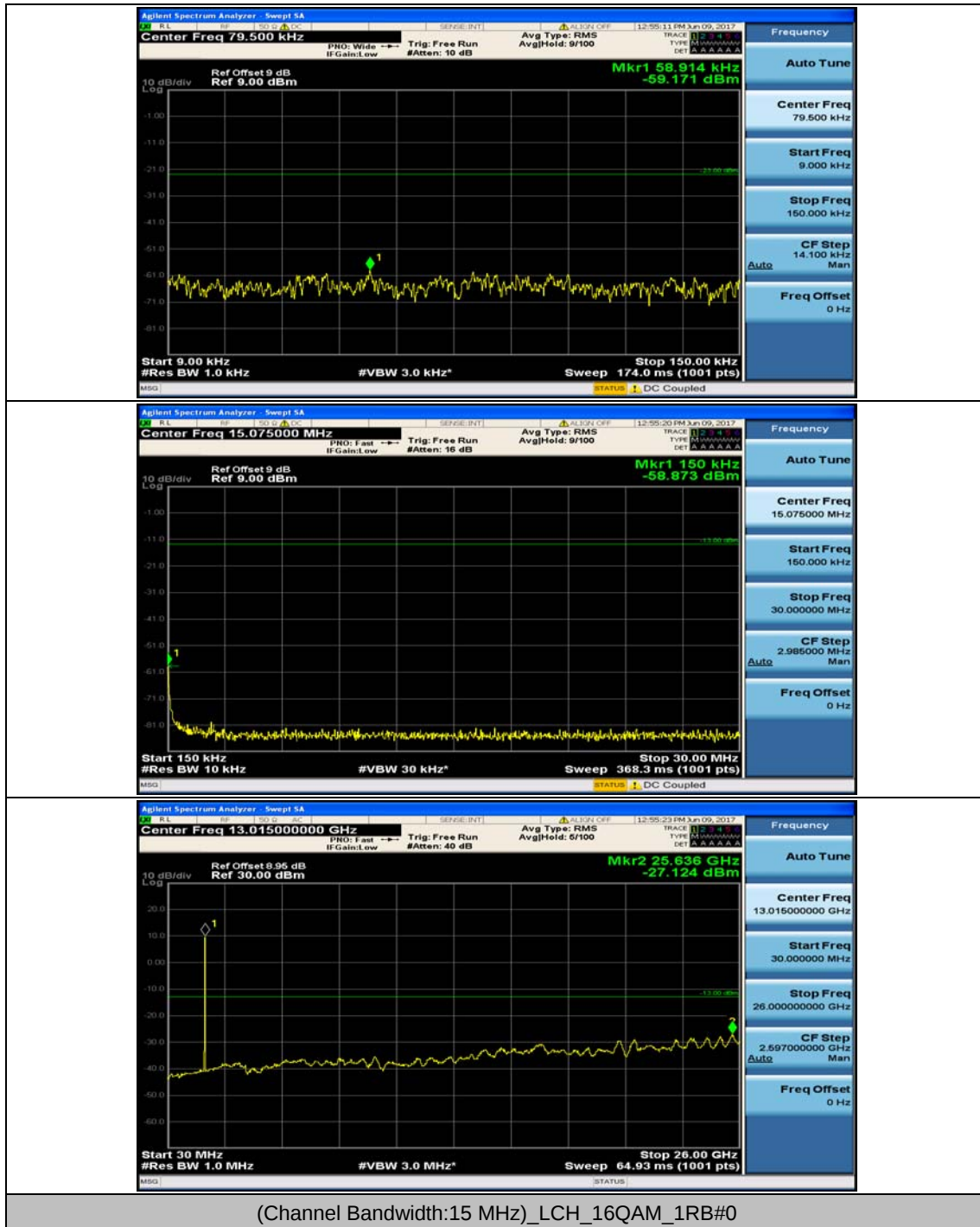


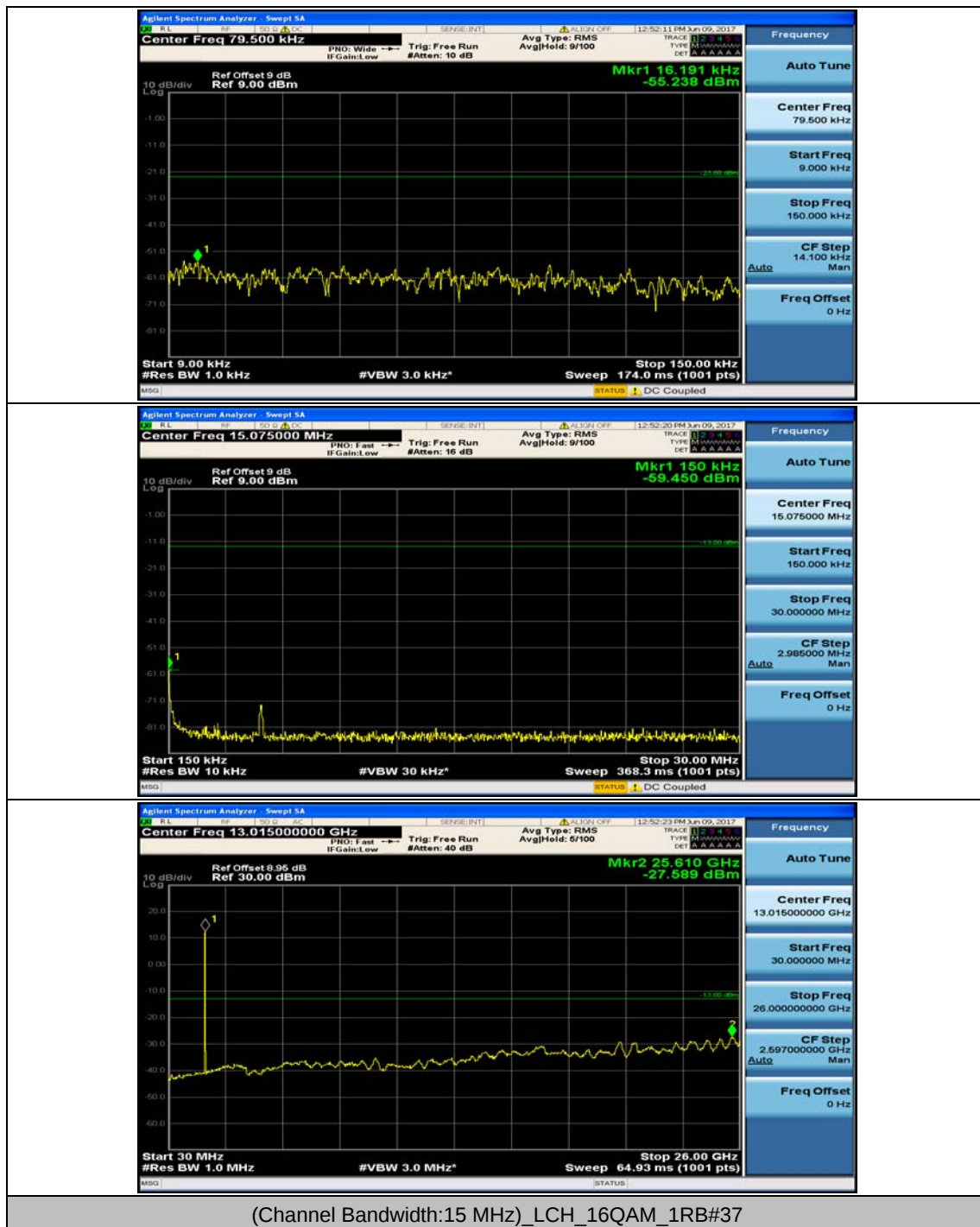


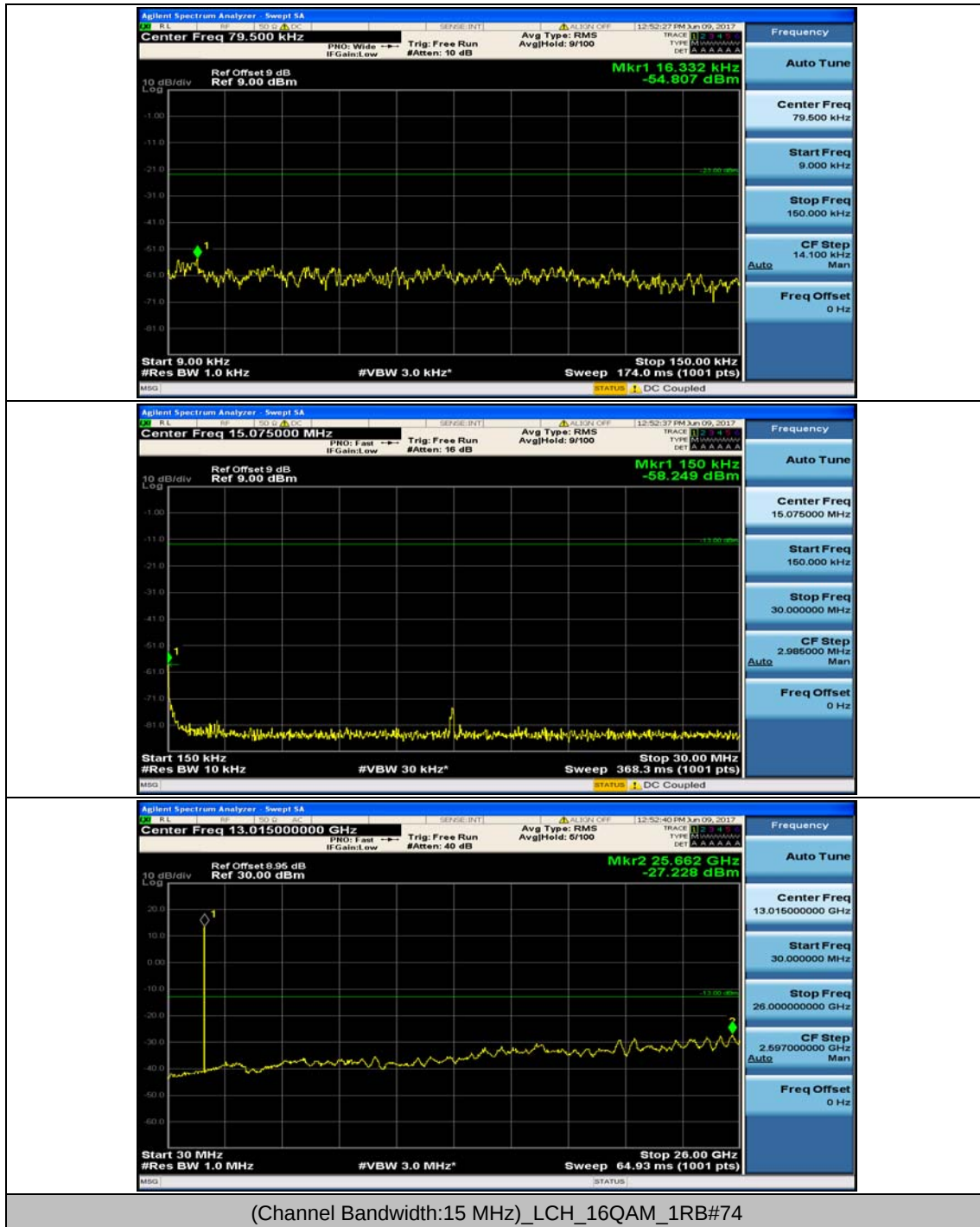


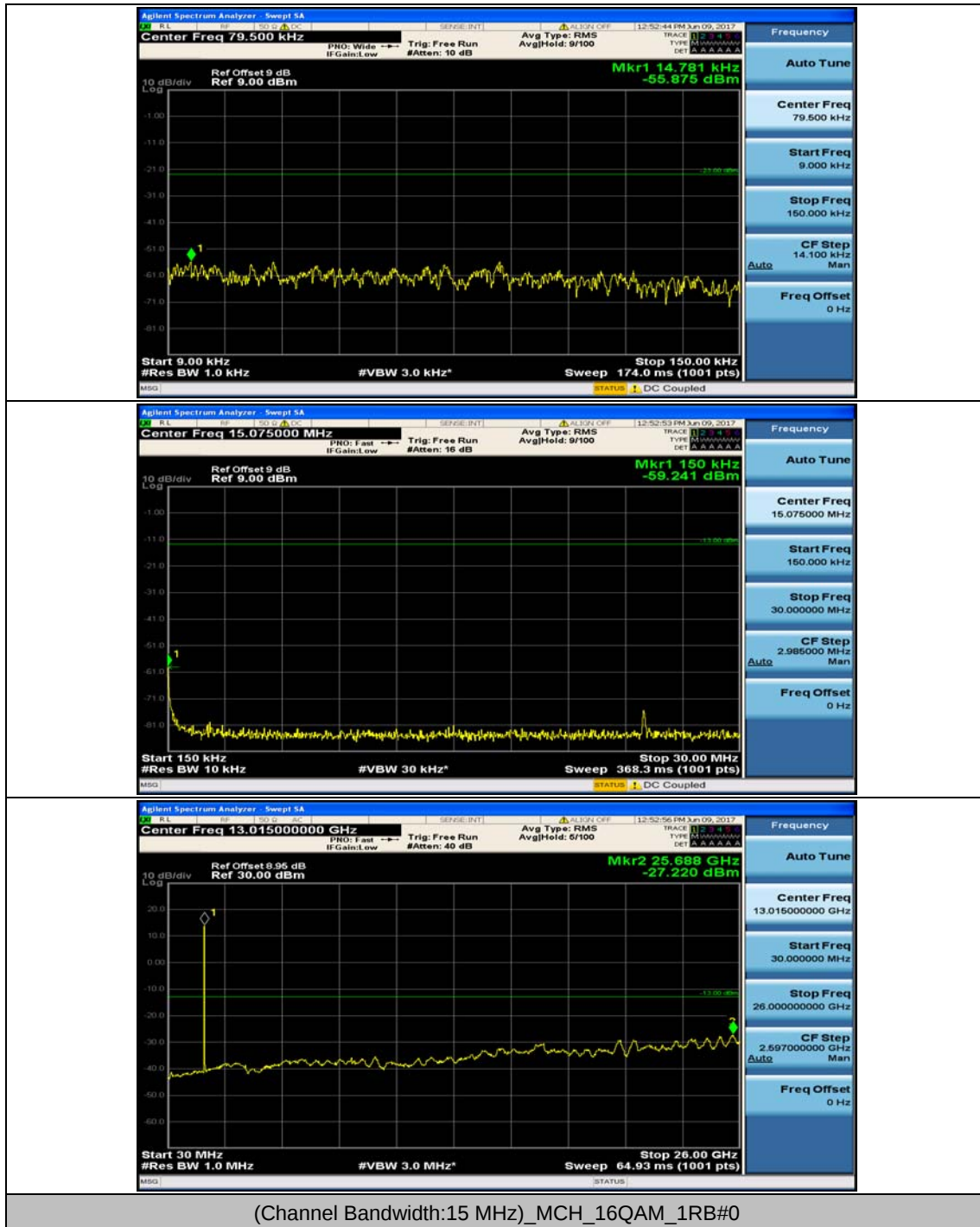


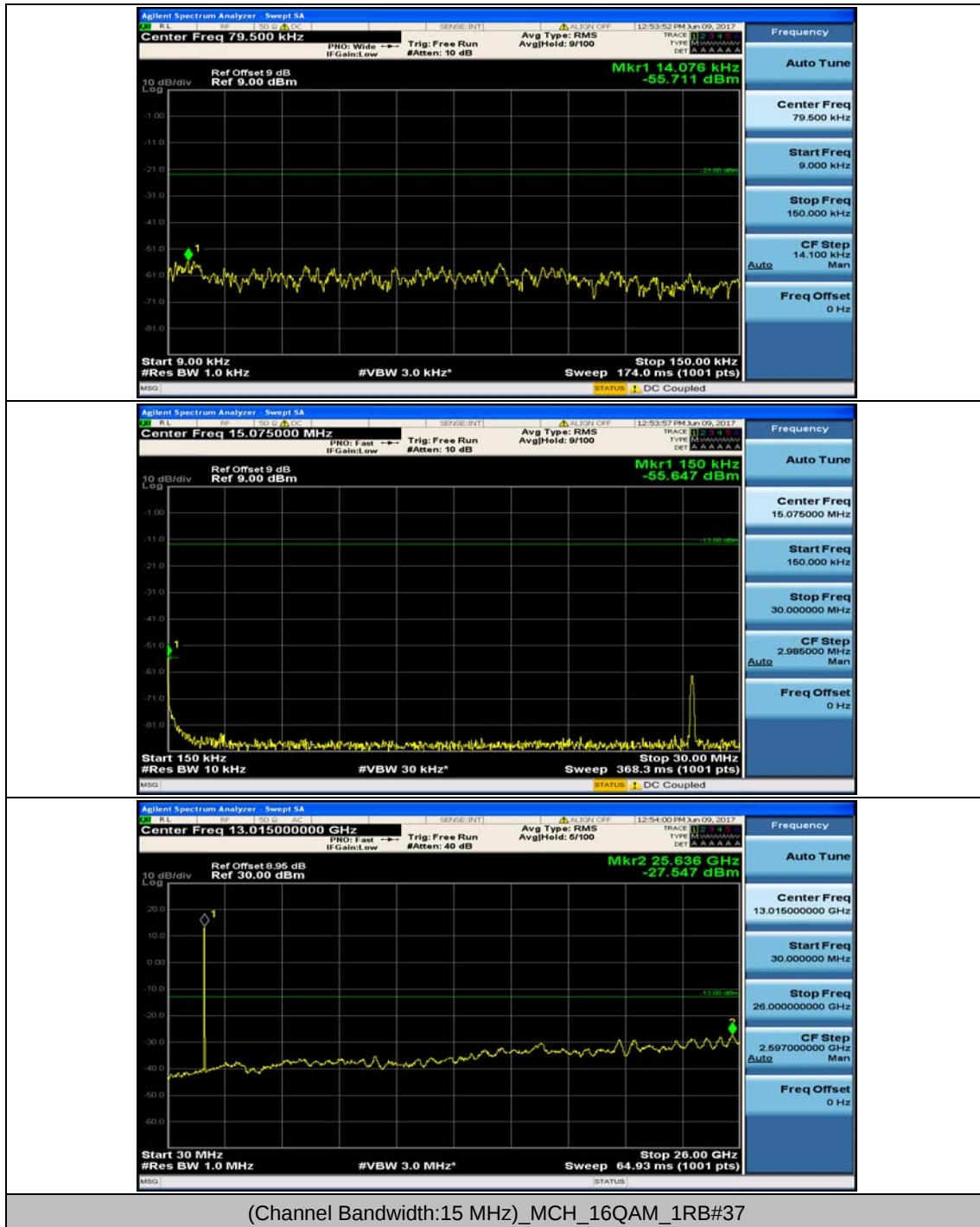


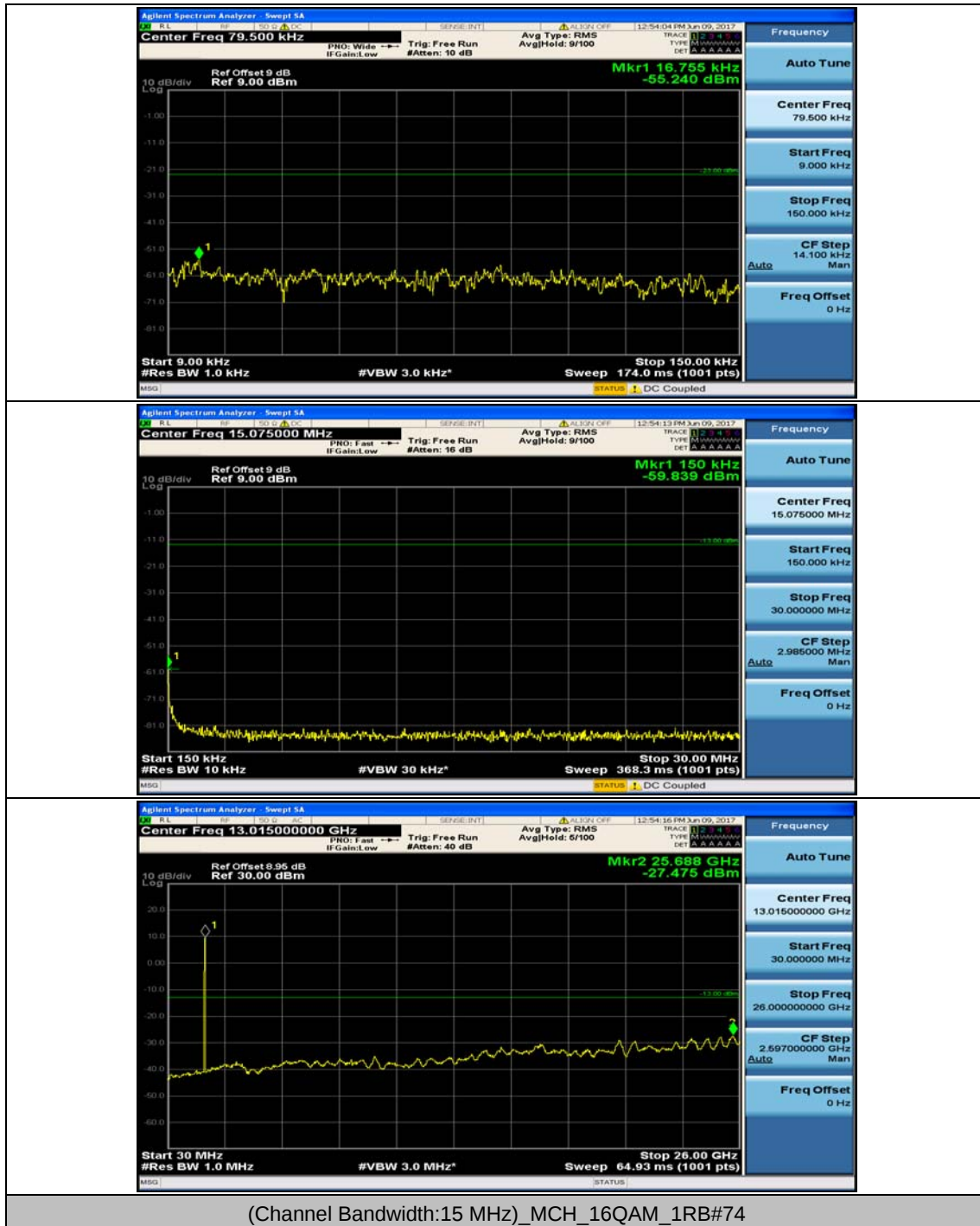


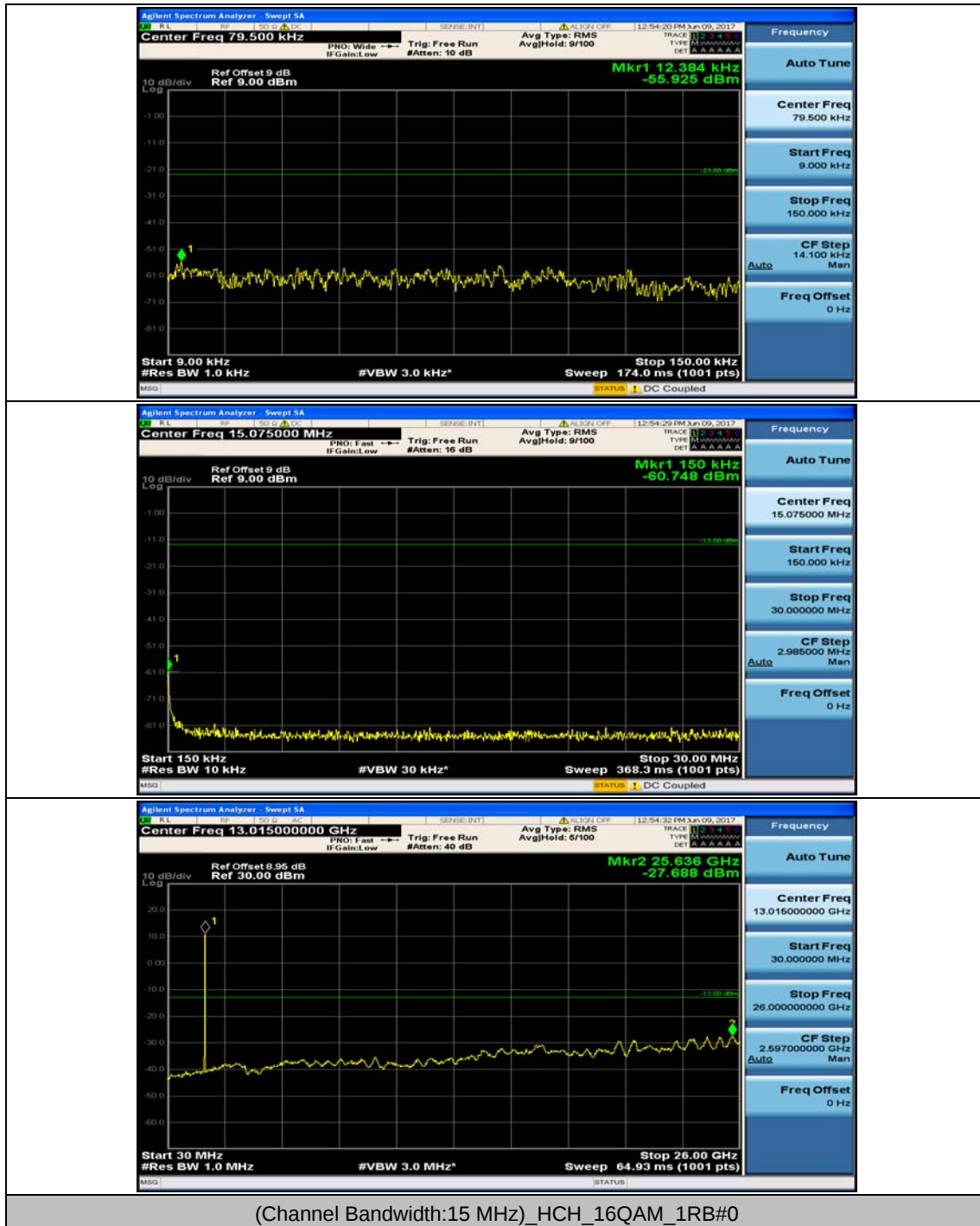


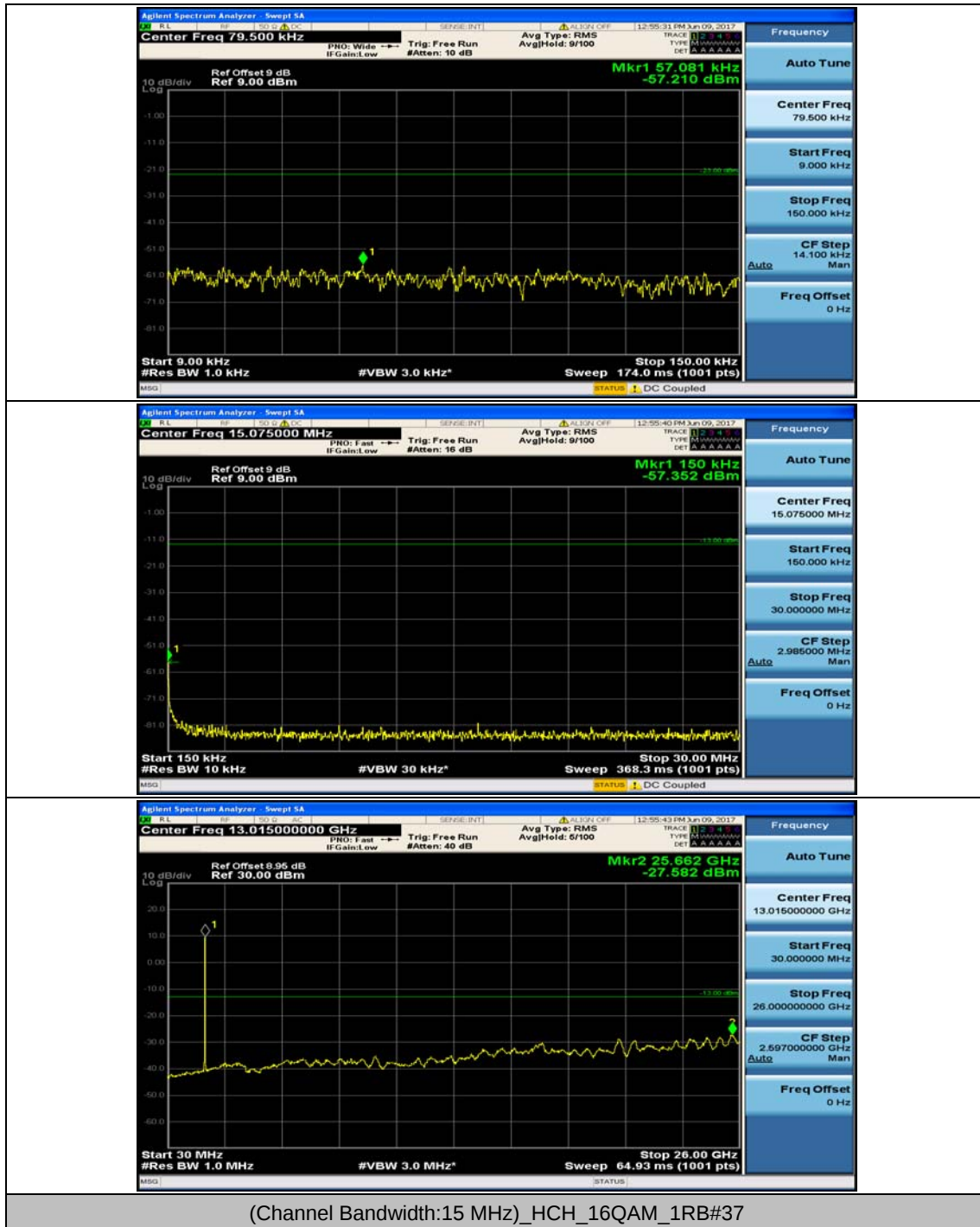


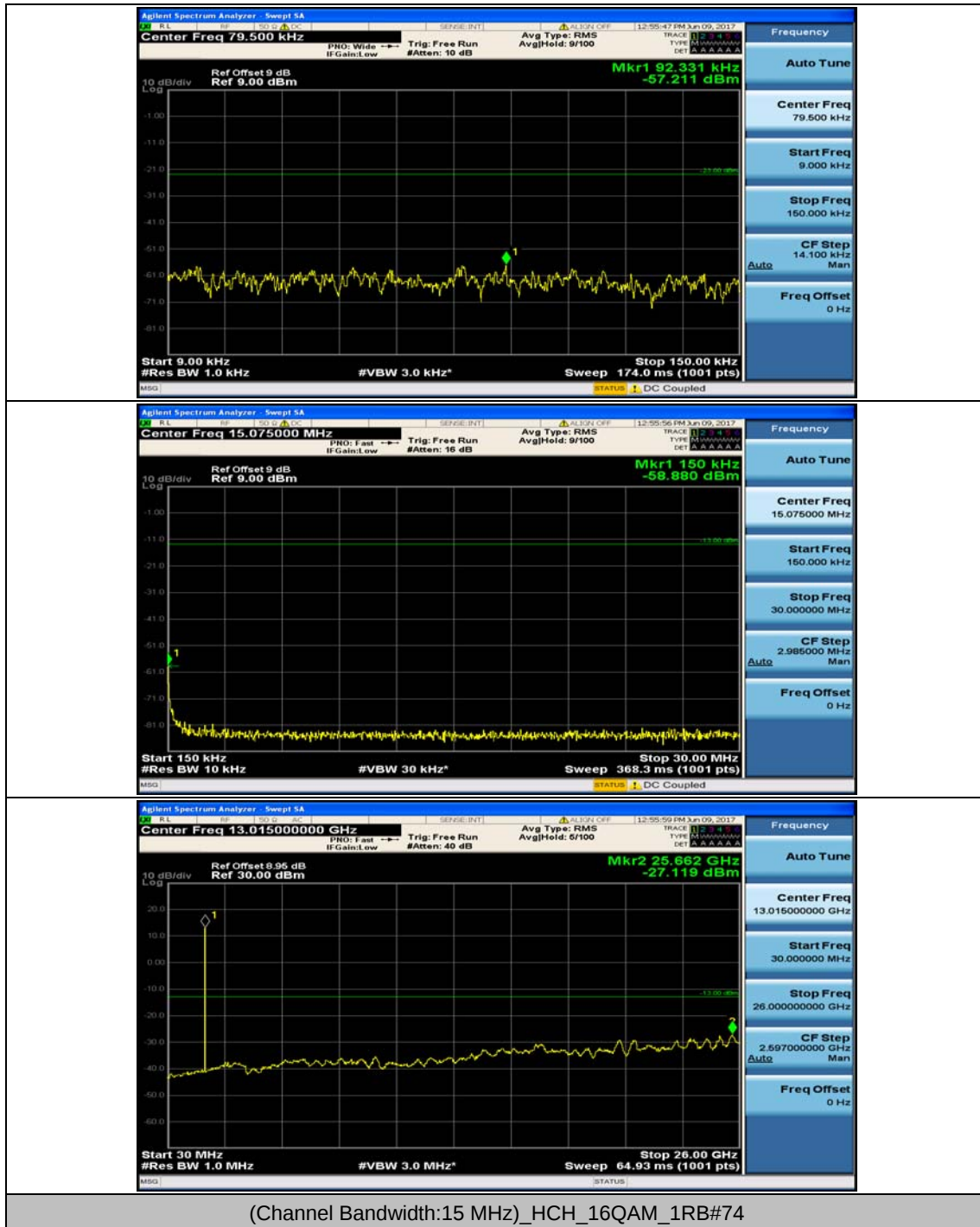


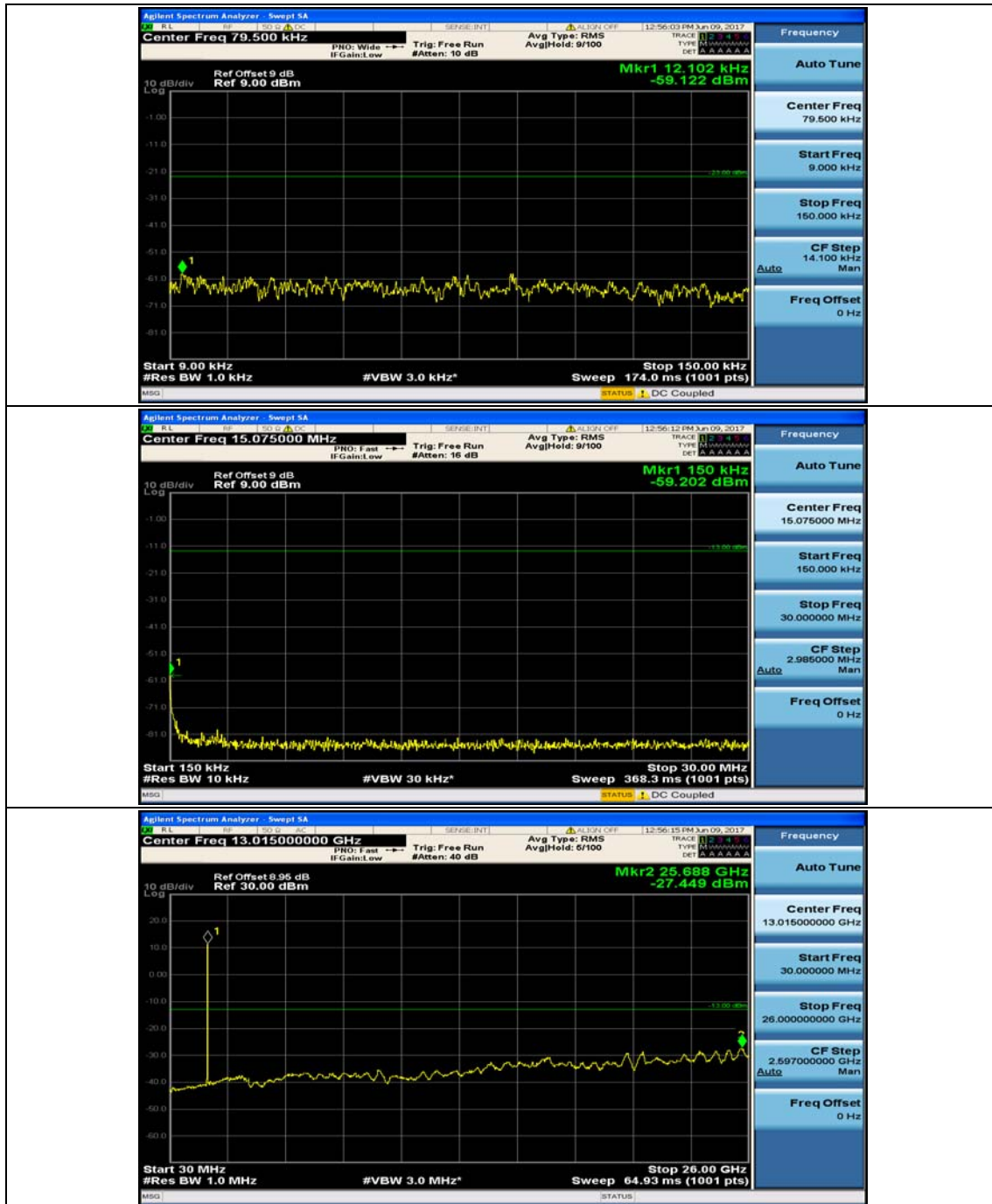




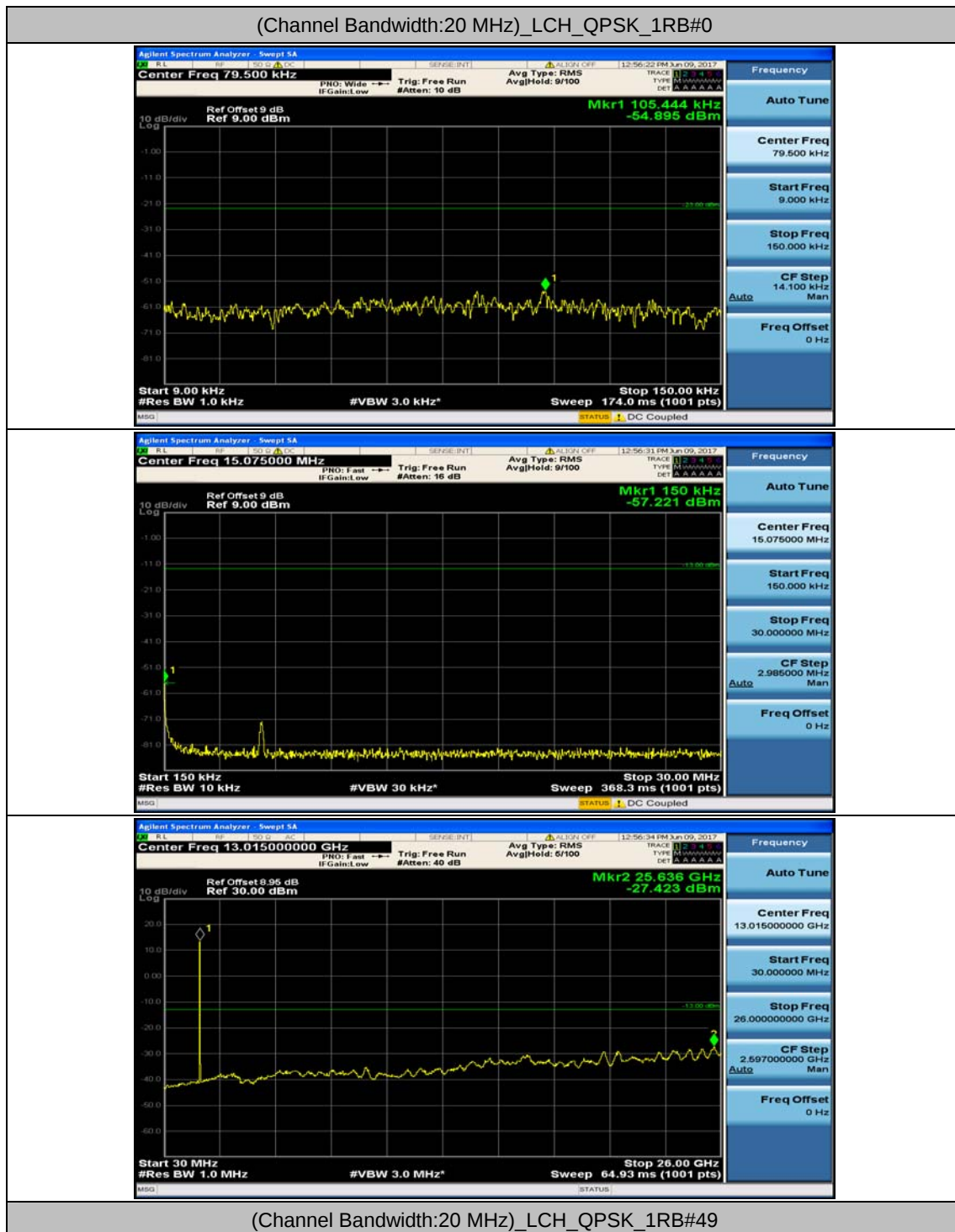


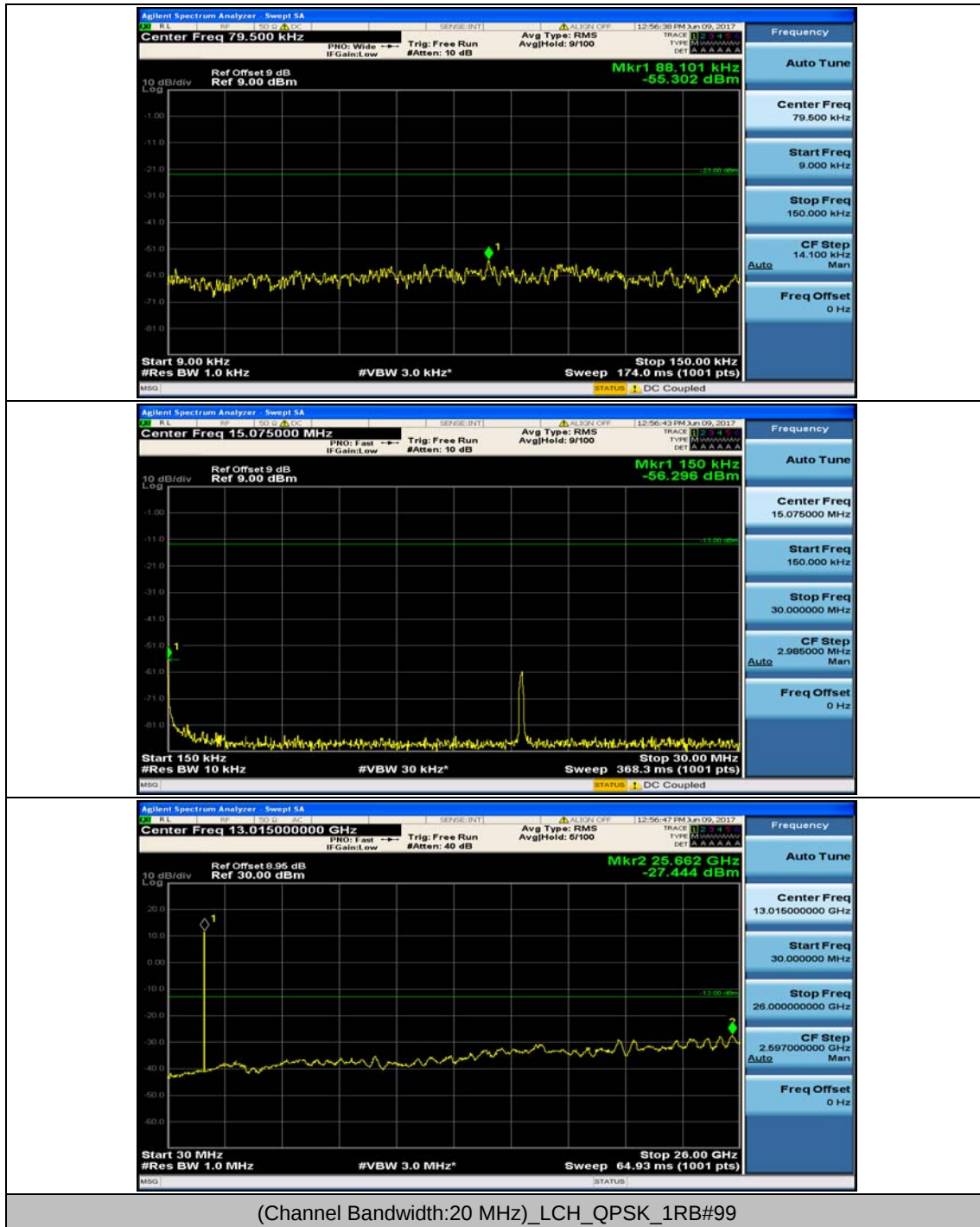


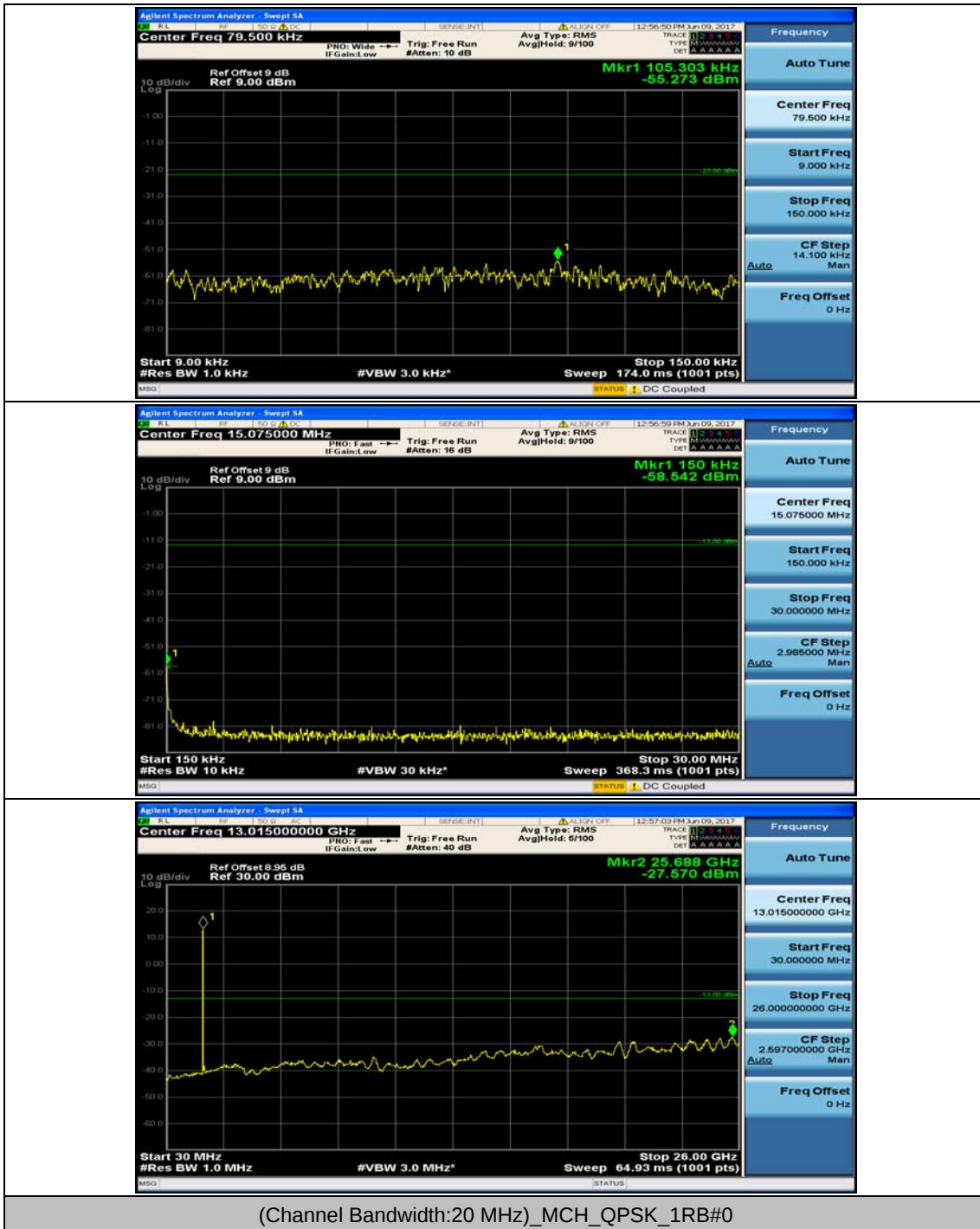


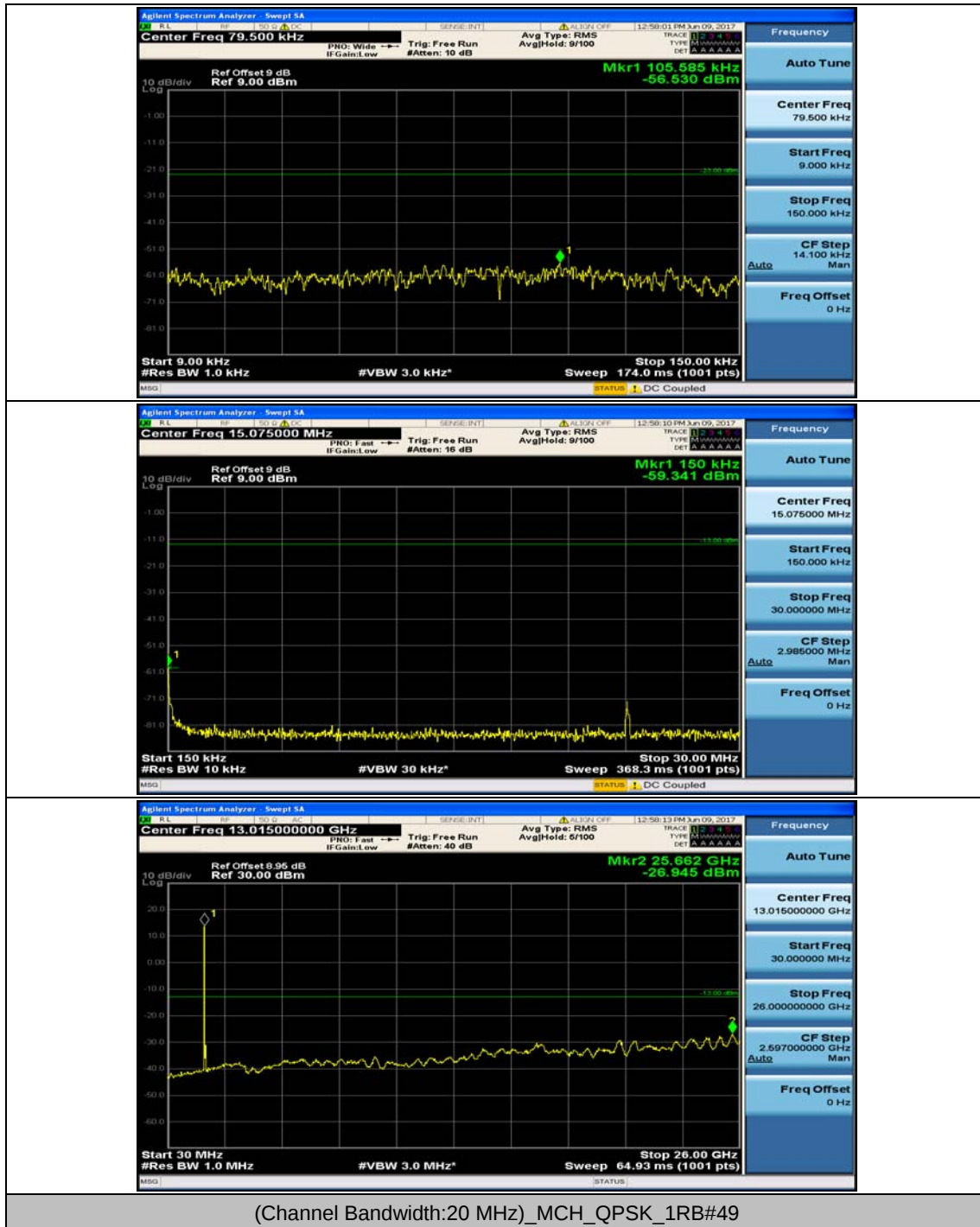


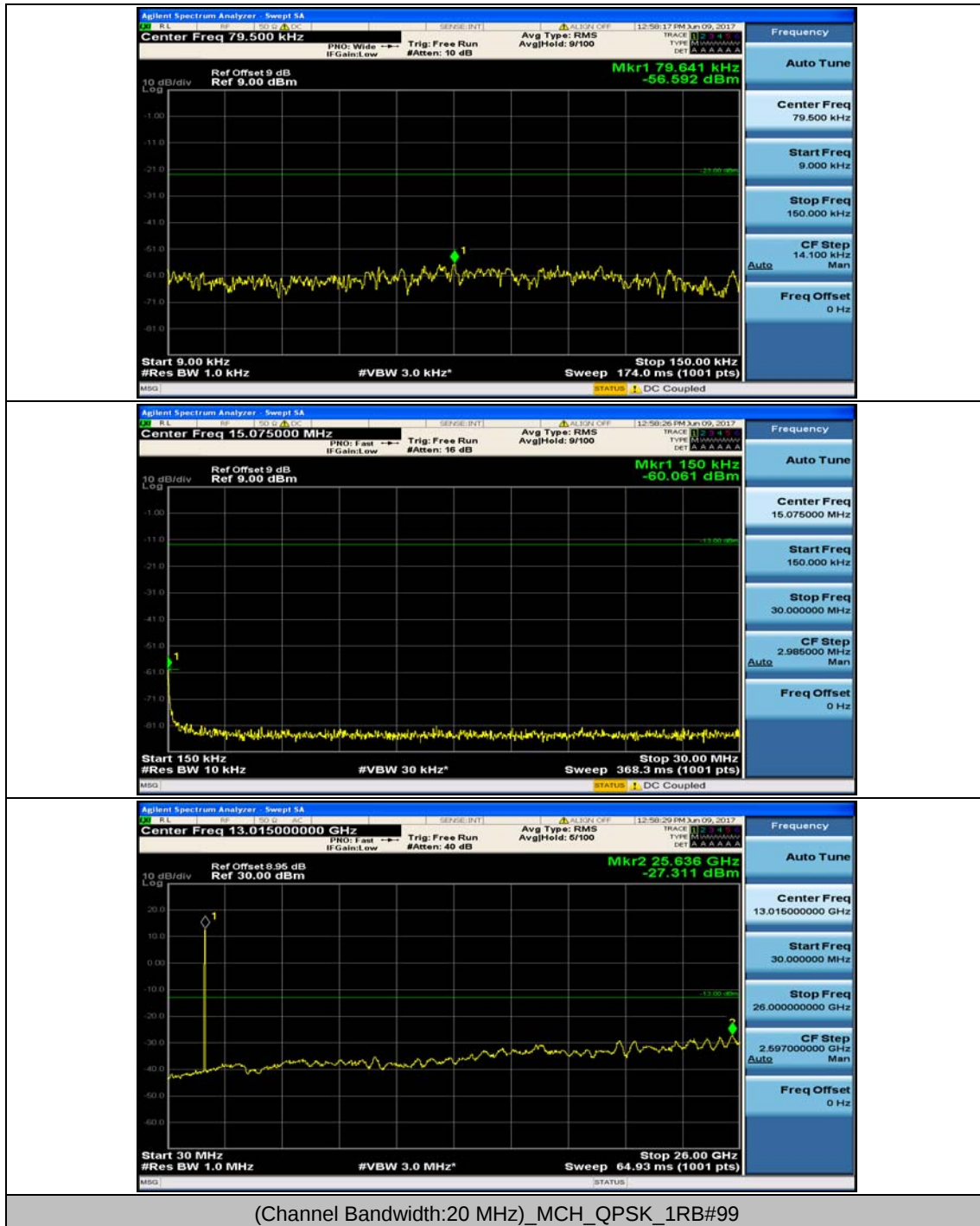
Channel Bandwidth: 20 MHz

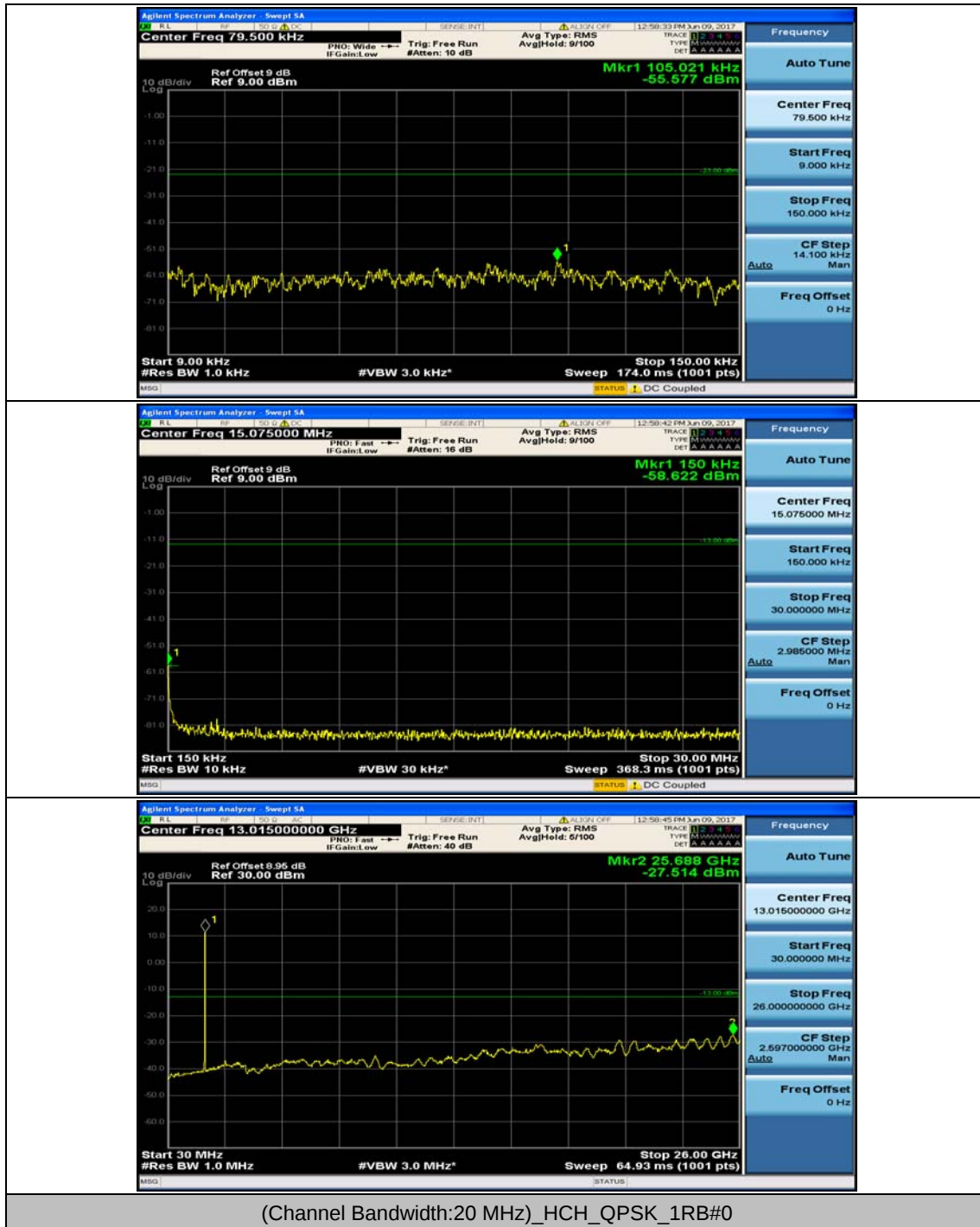


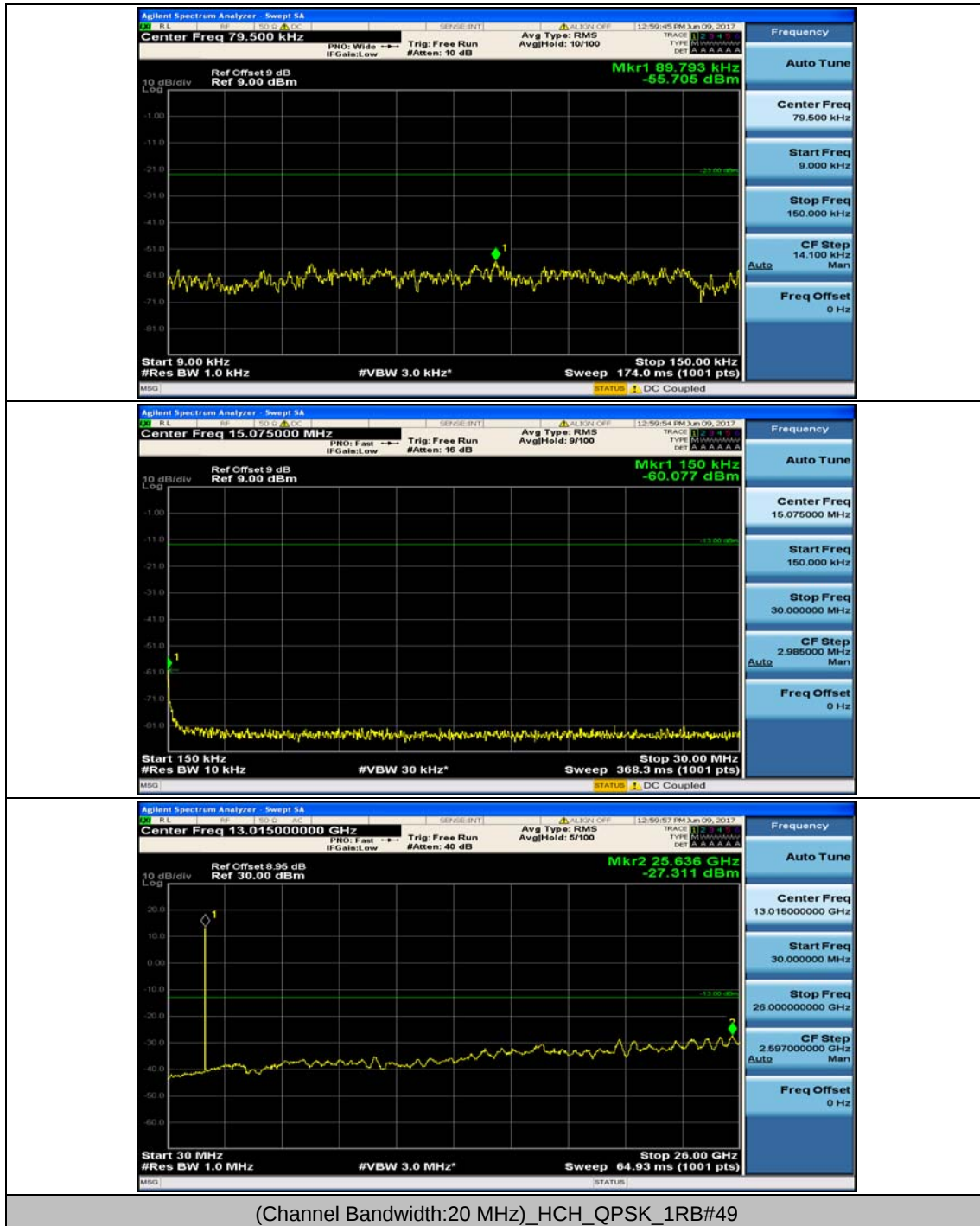


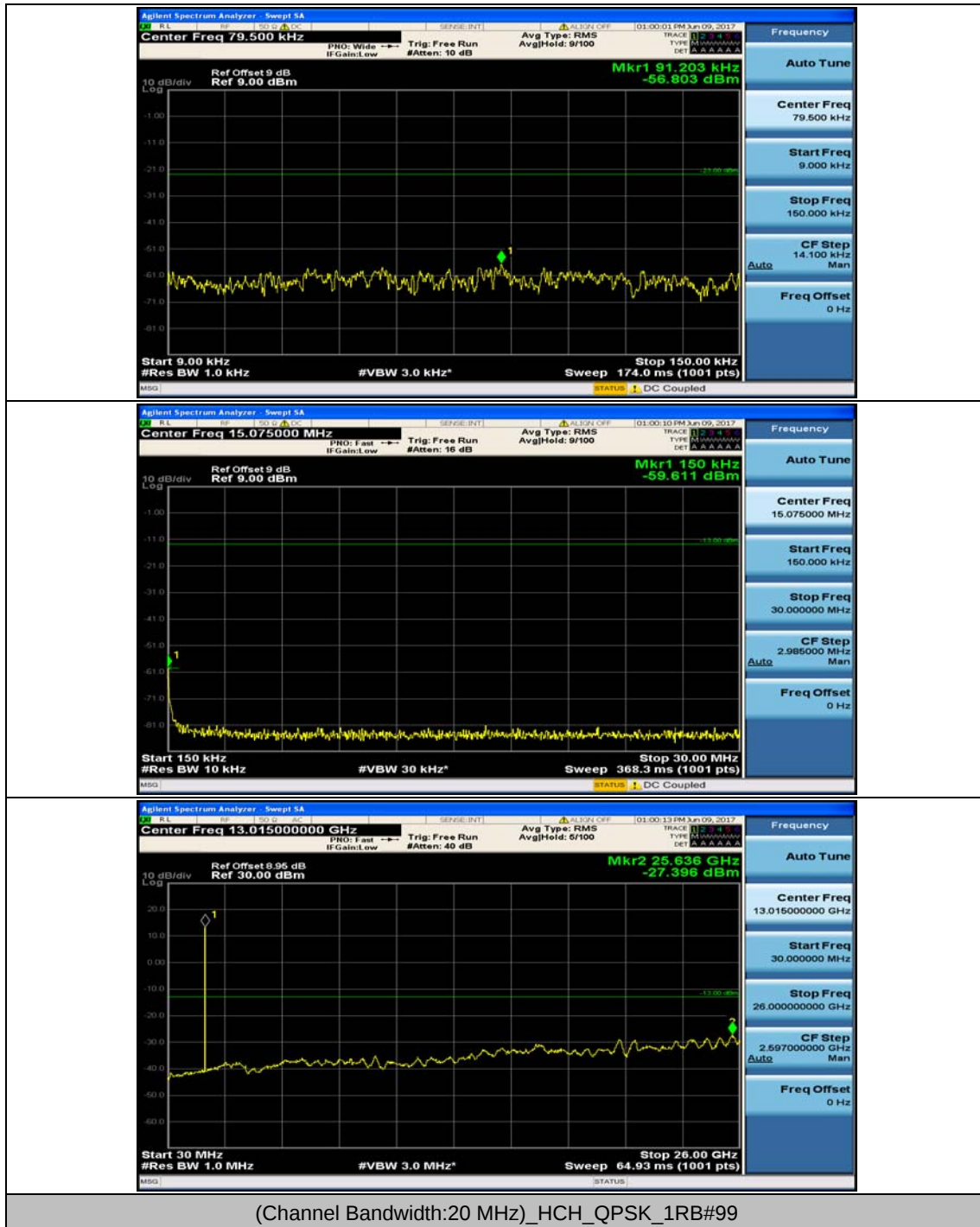


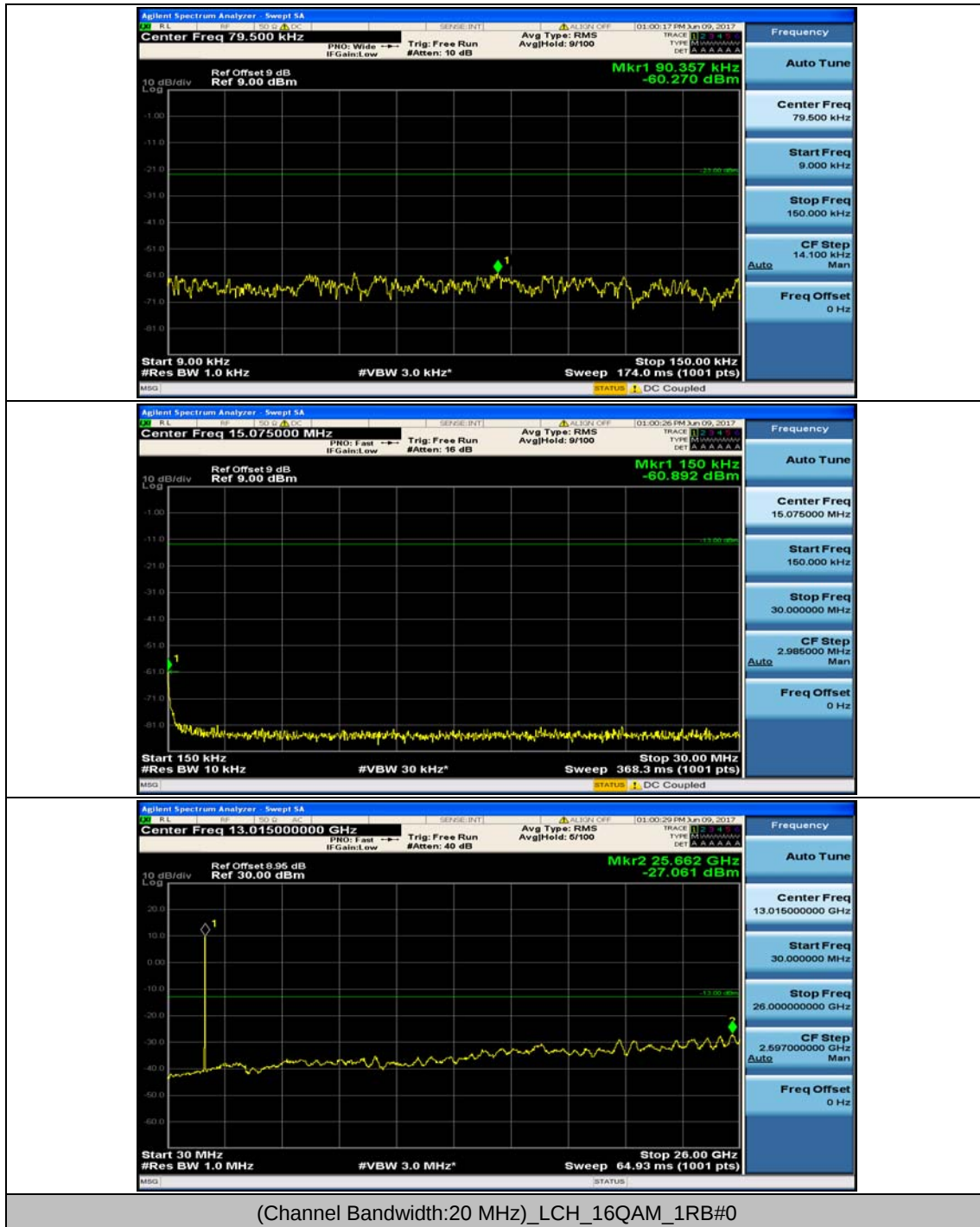


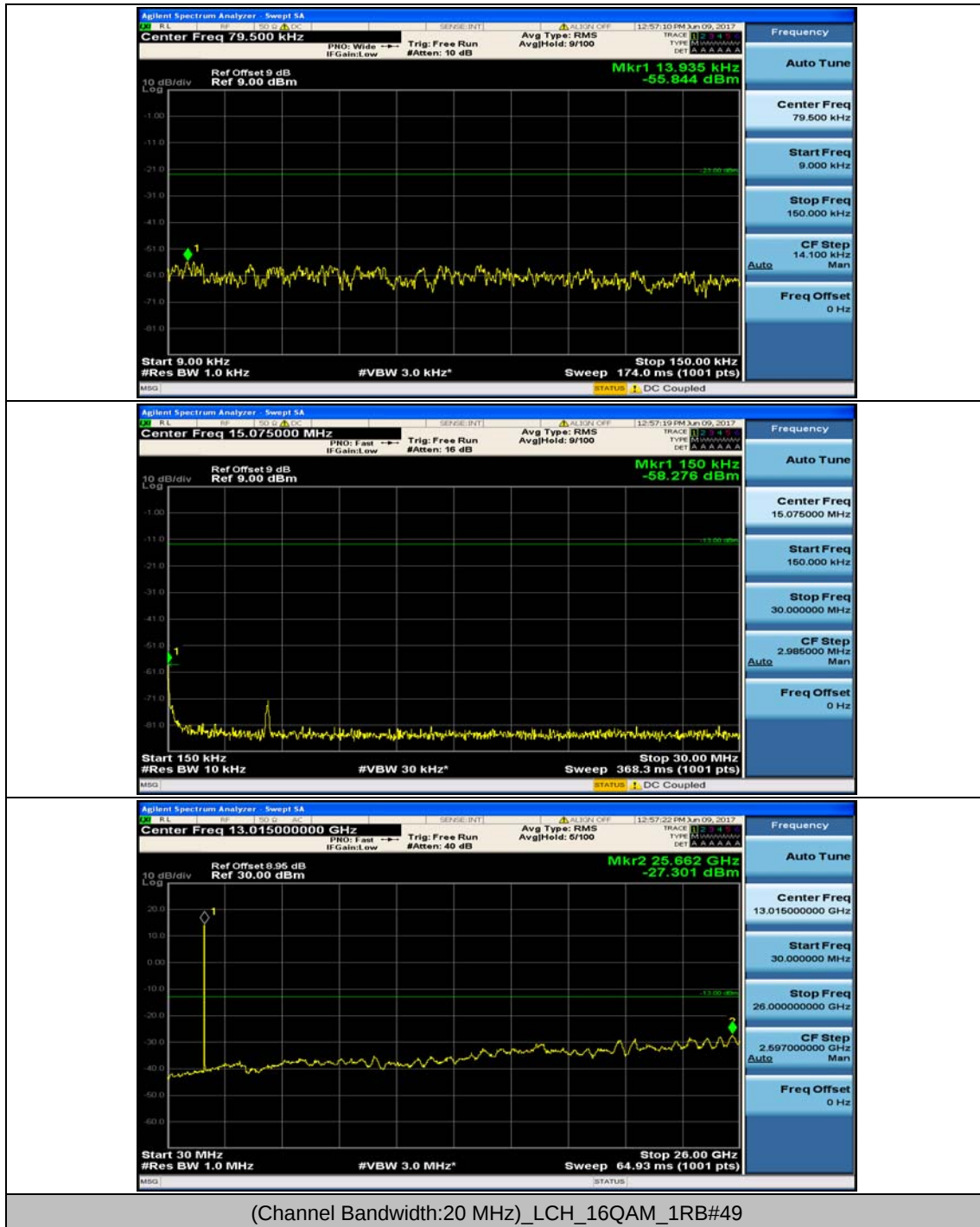


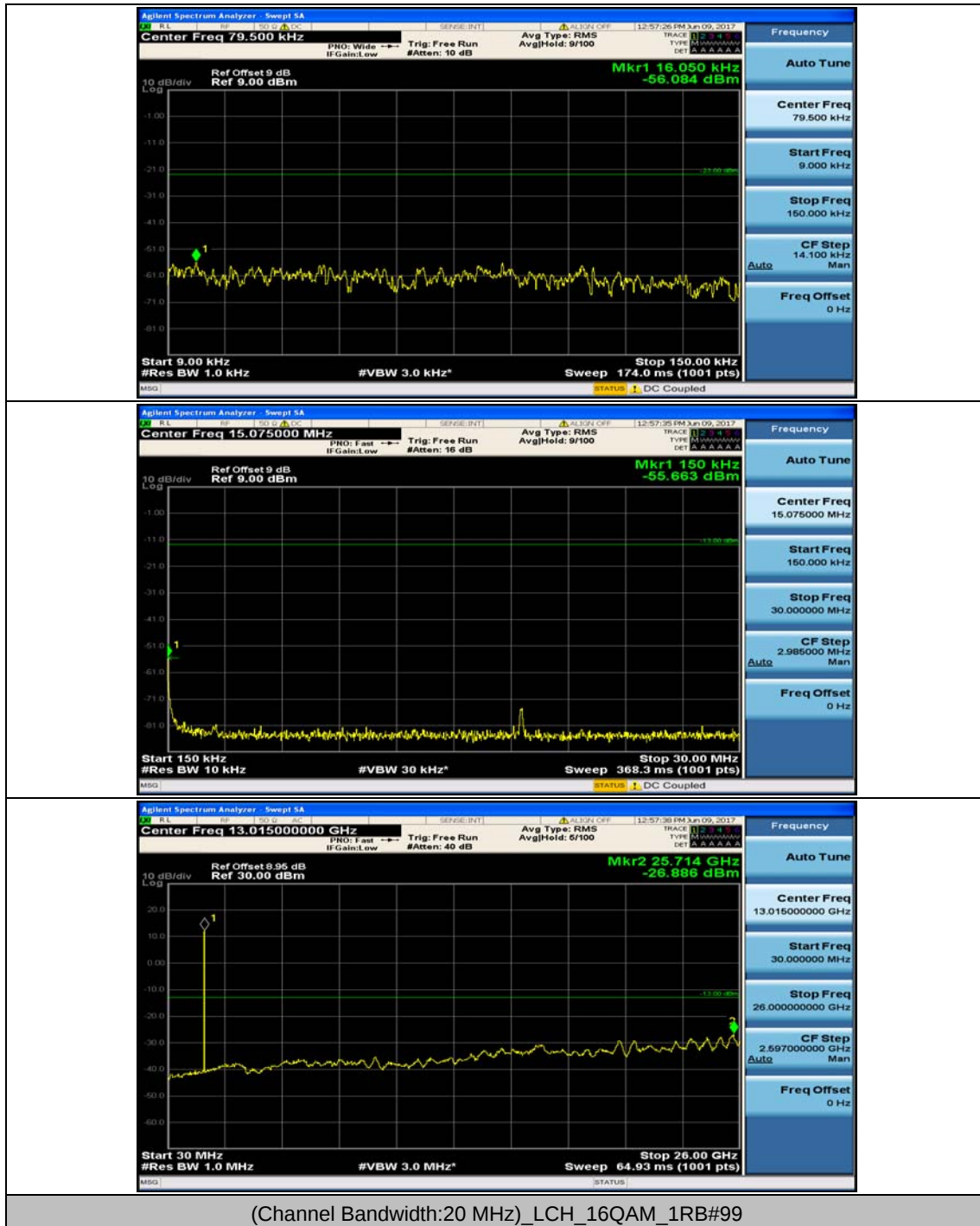


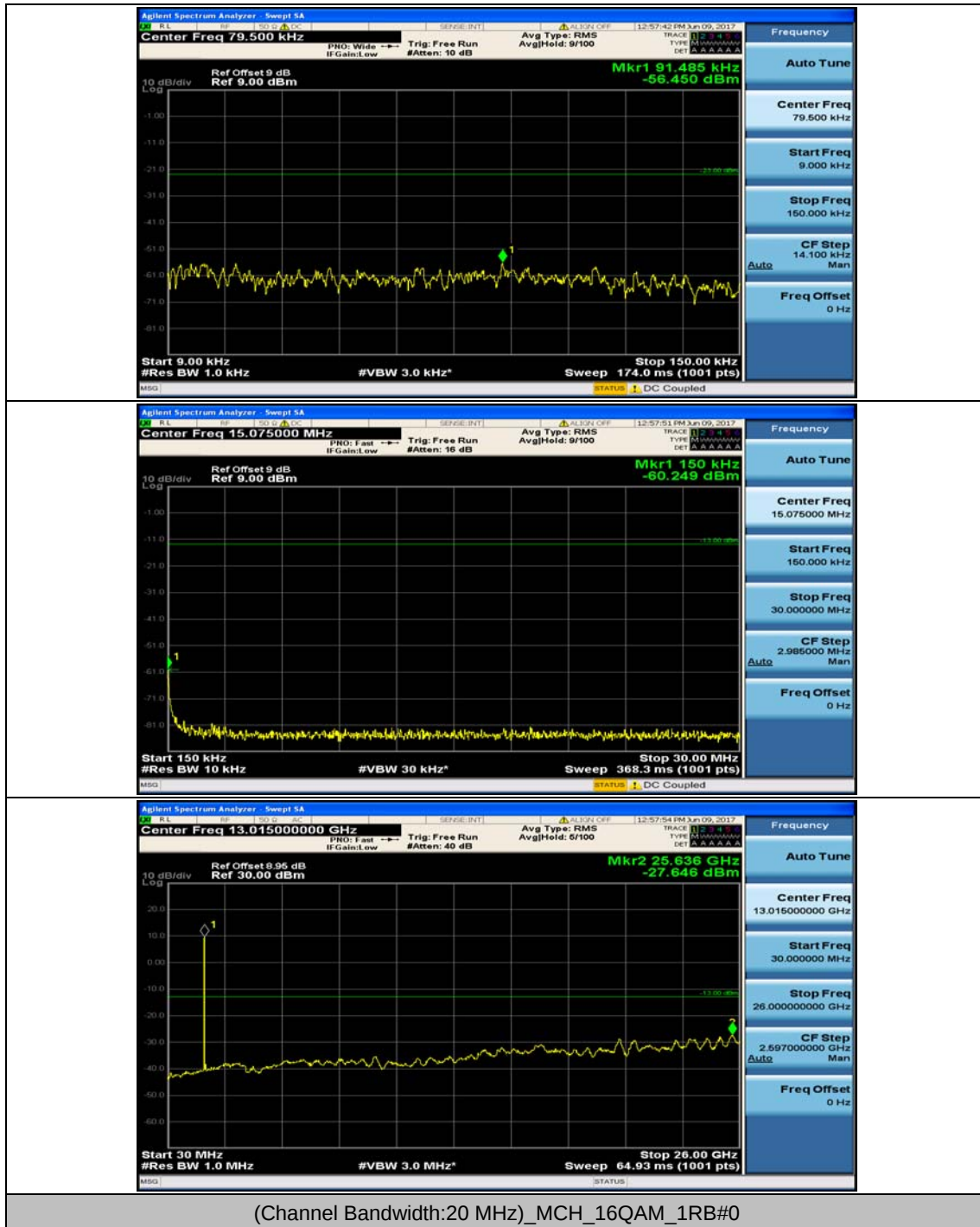


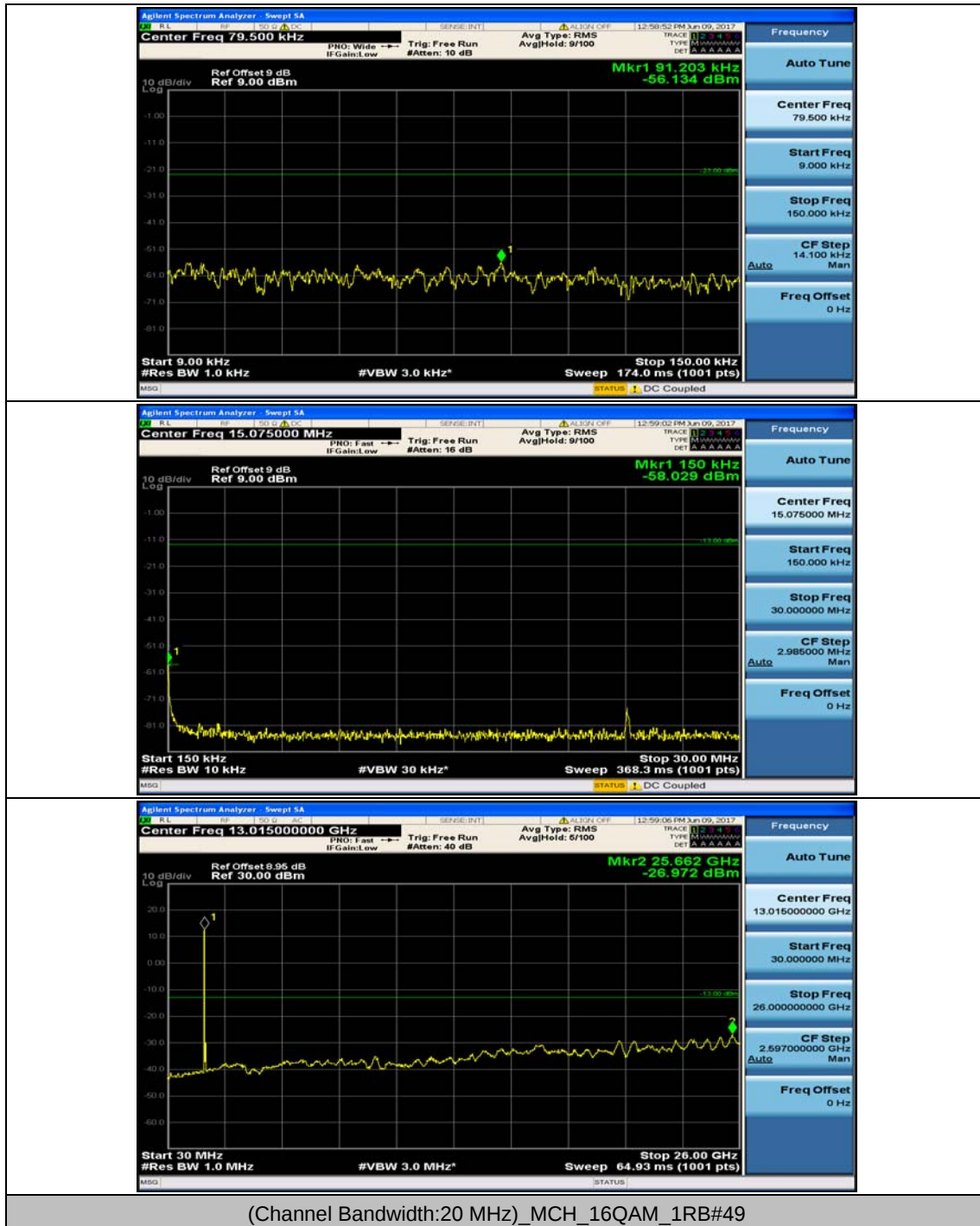


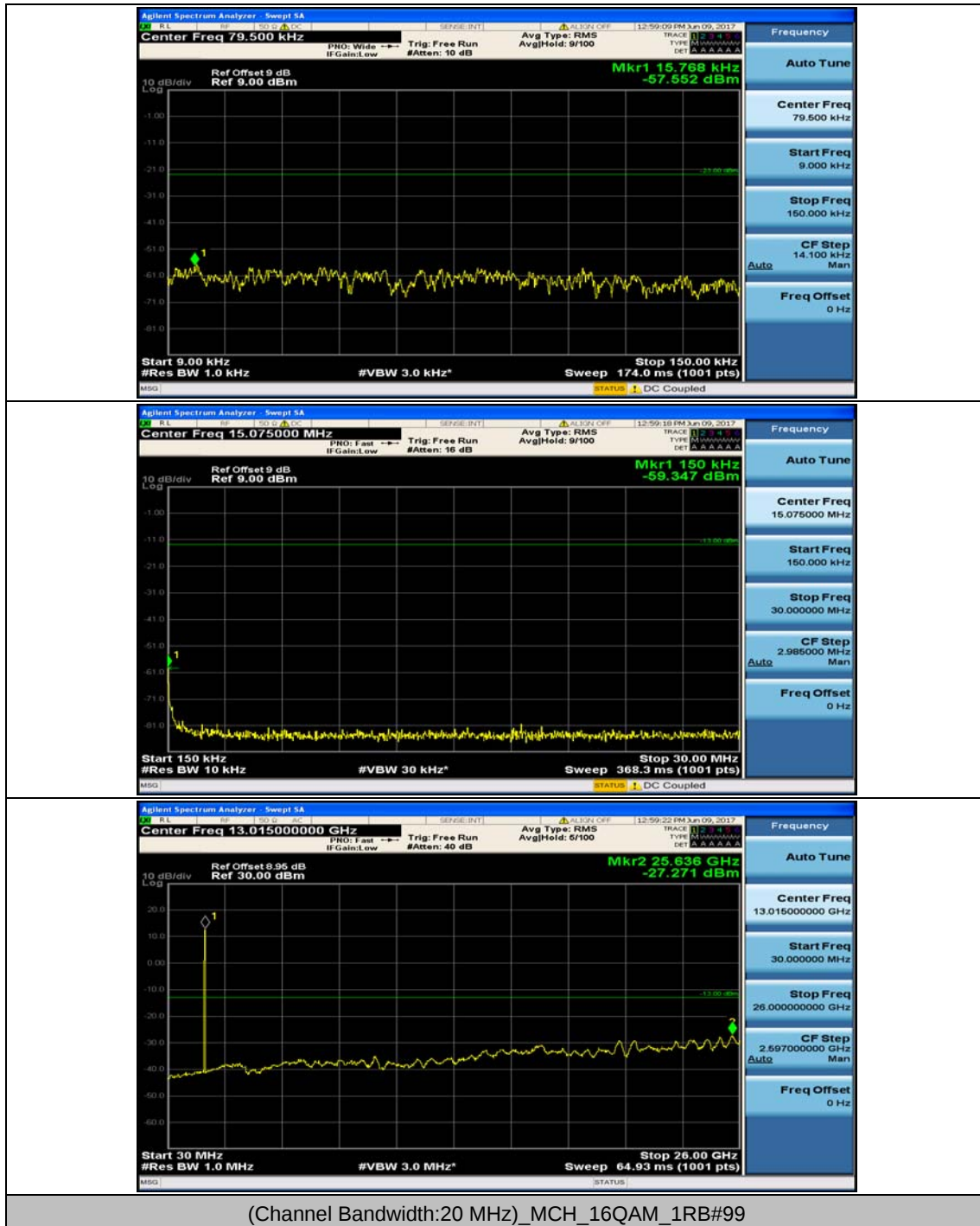


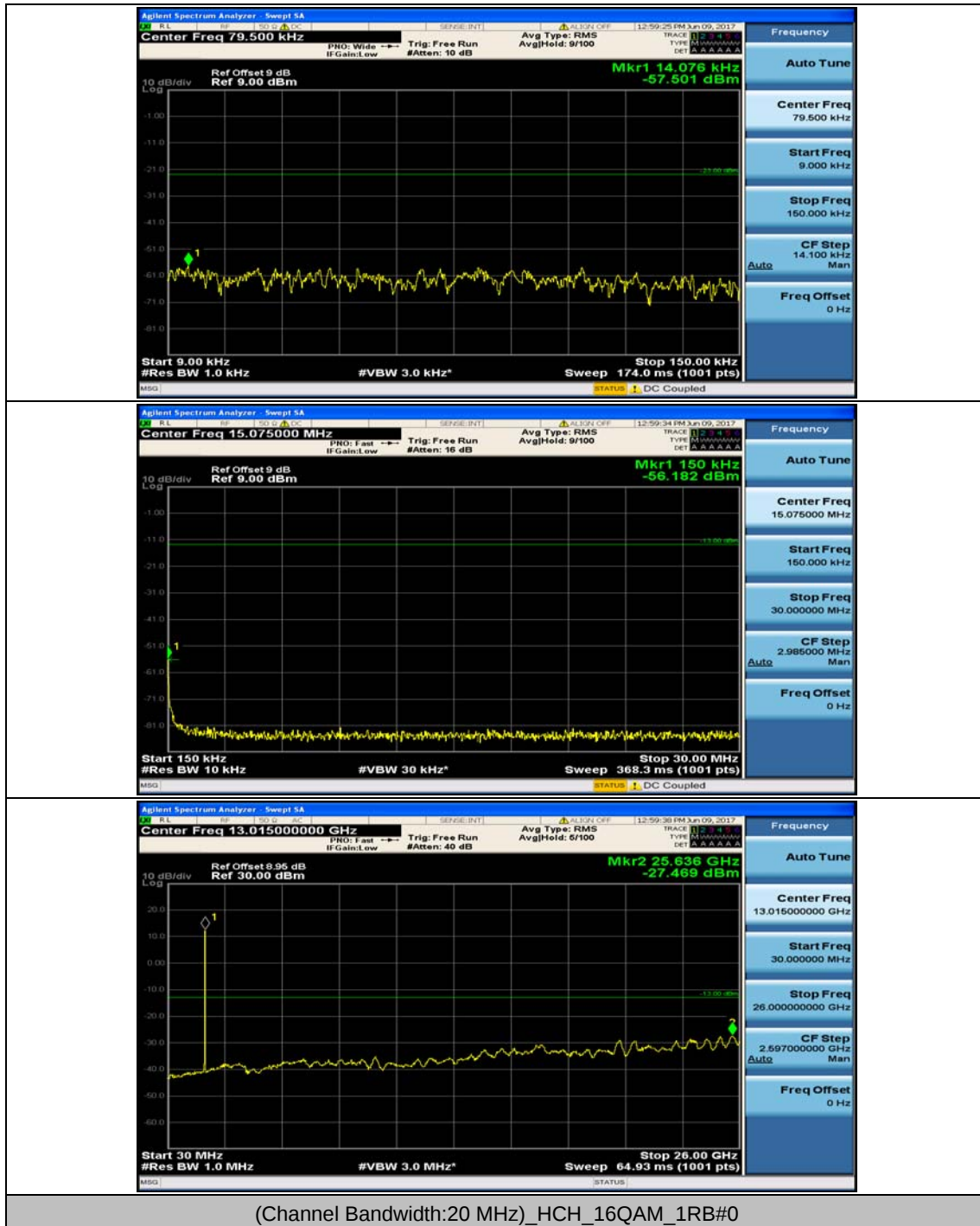


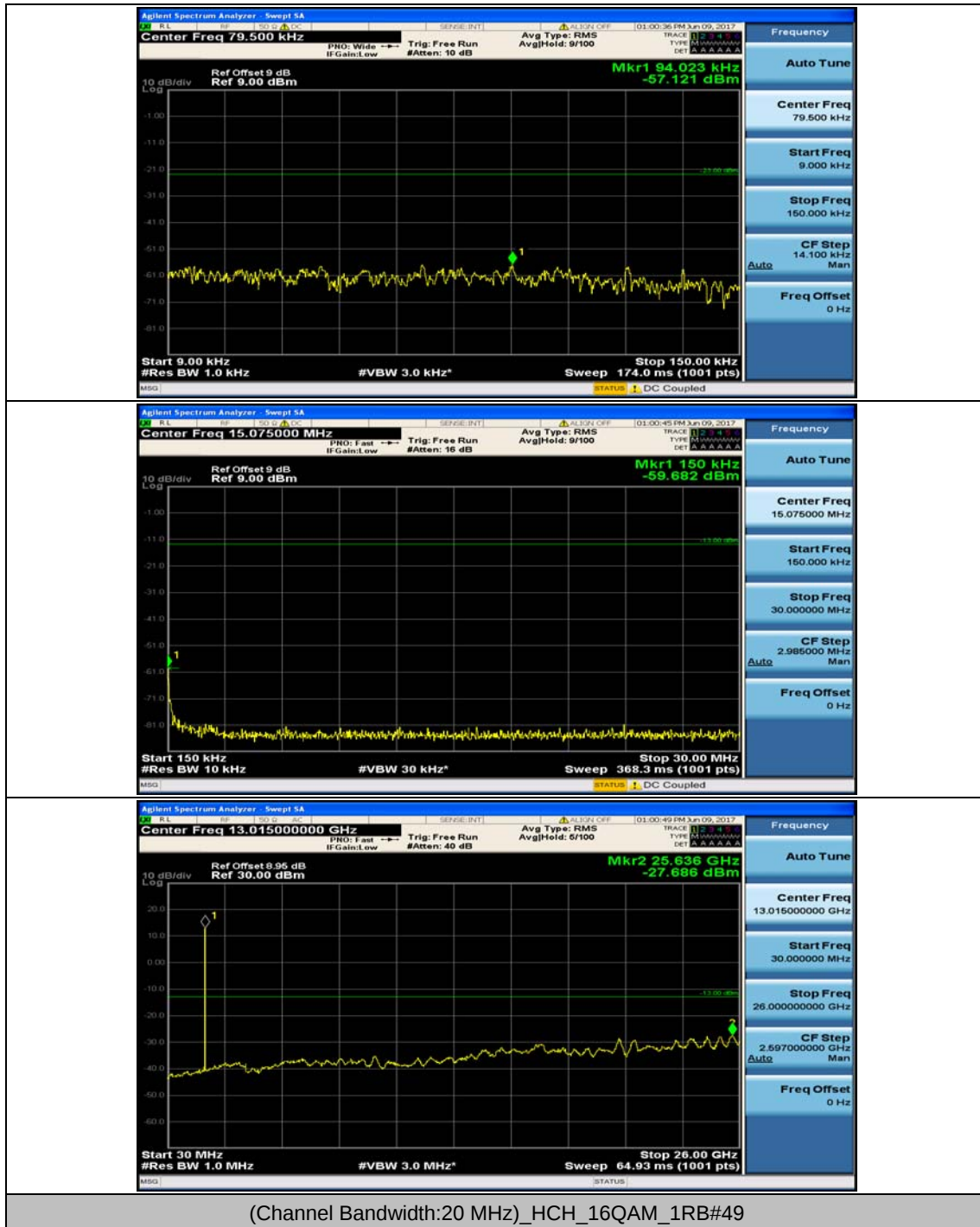


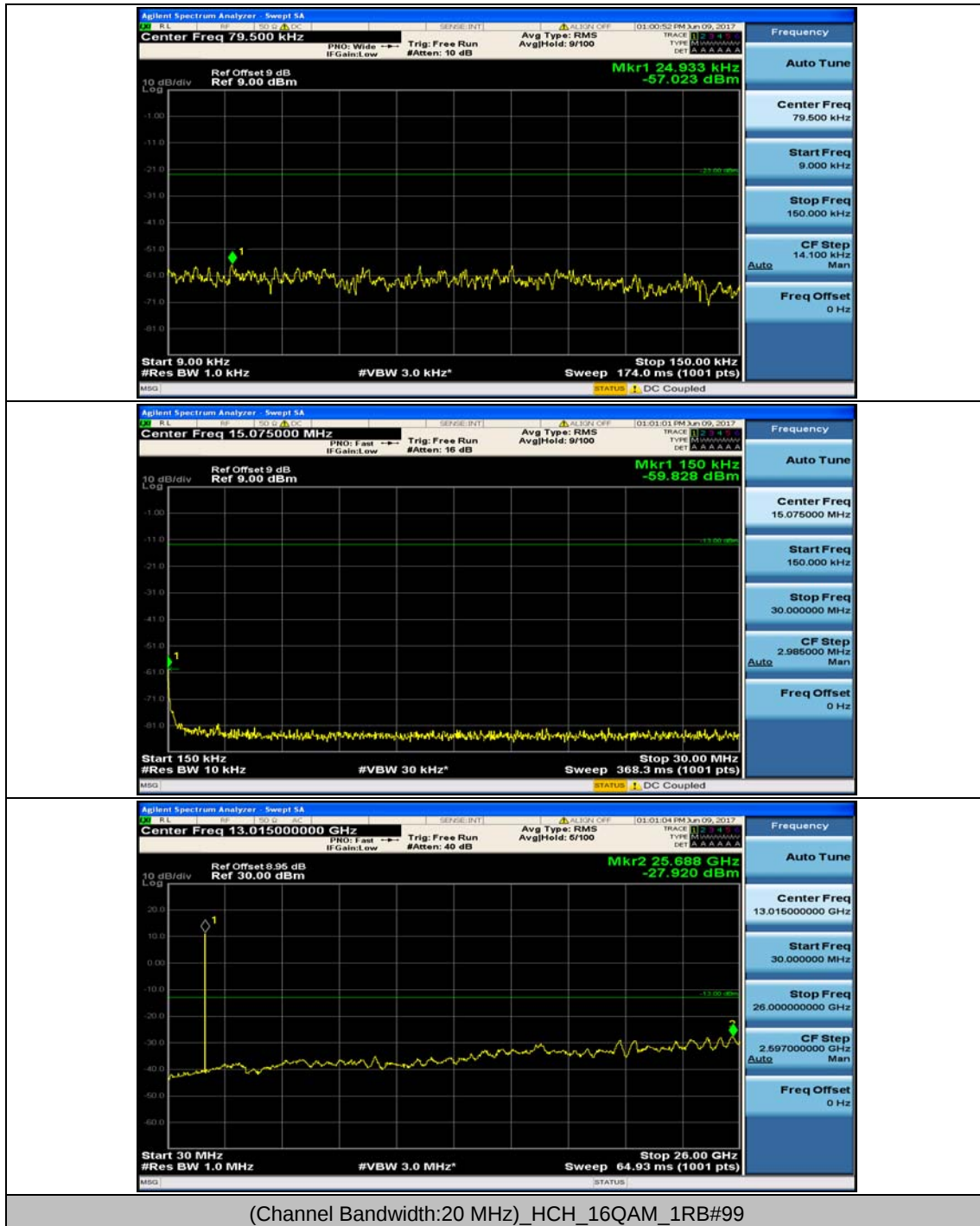


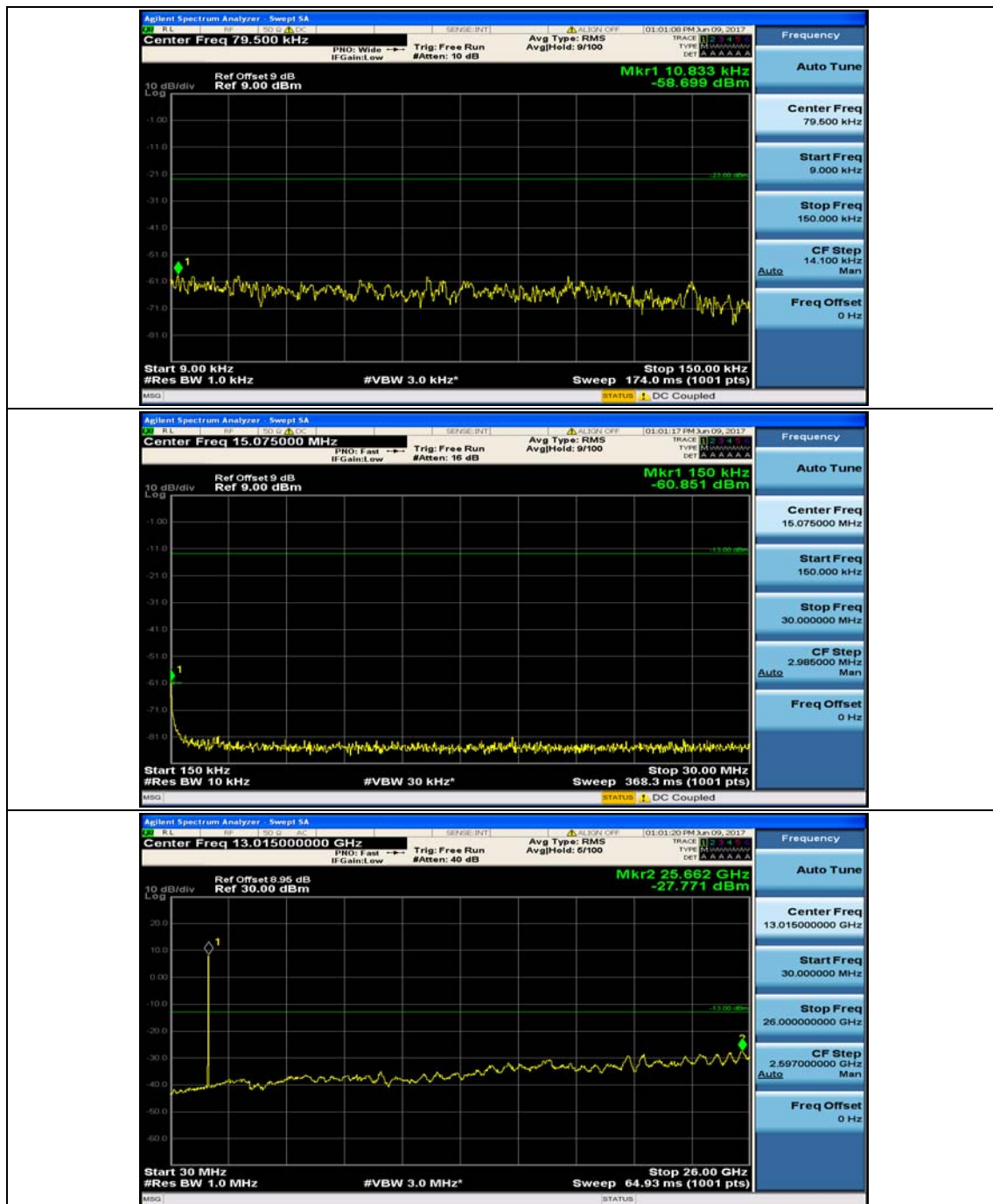












Appendix F: Frequency Stability

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	1.01	0.000590	± 2.5	PASS
		VN	TN	-0.58	-0.000339	± 2.5	PASS
		VH	TN	-0.13	-0.000076	± 2.5	PASS
	MCH	VL	TN	-0.34	-0.000196	± 2.5	PASS
		VN	TN	0.66	0.000381	± 2.5	PASS
		VH	TN	2.87	0.001657	± 2.5	PASS
	HCH	VL	TN	0.25	0.000143	± 2.5	PASS
		VN	TN	4.17	0.002377	± 2.5	PASS
		VH	TN	-0.82	-0.000467	± 2.5	PASS
16QAM	LCH	VL	TN	4.37	0.002555	± 2.5	PASS
		VN	TN	1.26	0.000737	± 2.5	PASS
		VH	TN	0.5	0.000292	± 2.5	PASS
	MCH	VL	TN	3.37	0.001945	± 2.5	PASS
		VN	TN	1.16	0.000670	± 2.5	PASS
		VH	TN	4.88	0.002817	± 2.5	PASS
	HCH	VL	TN	0.55	0.000314	± 2.5	PASS
		VN	TN	3.32	0.001892	± 2.5	PASS
		VH	TN	4.11	0.002343	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.32	-0.000772	± 2.5	PASS
		VN	-20	4.25	0.002484	± 2.5	PASS
		VN	-10	-2	-0.001169	± 2.5	PASS
		VN	0	1.07	0.000625	± 2.5	PASS
		VN	10	0.73	0.000427	± 2.5	PASS
		VN	20	3.28	0.001917	± 2.5	PASS
		VN	30	0.04	0.000023	± 2.5	PASS
		VN	40	3.89	0.002274	± 2.5	PASS
		VN	50	-0.53	-0.000310	± 2.5	PASS
	MCH	VN	-30	4.01	0.002315	± 2.5	PASS
		VN	-20	-1.17	-0.000675	± 2.5	PASS

		VN	-10	3.16	0.001824	± 2.5	PASS
		VN	0	-1.58	-0.000912	± 2.5	PASS
		VN	10	4.48	0.002586	± 2.5	PASS
		VN	20	1	0.000577	± 2.5	PASS
		VN	30	0.31	0.000179	± 2.5	PASS
		VN	40	3.28	0.001893	± 2.5	PASS
		VN	50	3.41	0.001968	± 2.5	PASS
	HCH	VN	-30	1.63	0.000929	± 2.5	PASS
		VN	-20	0.54	0.000308	± 2.5	PASS
		VN	-10	4.64	0.002645	± 2.5	PASS
		VN	0	-0.52	-0.000296	± 2.5	PASS
		VN	10	2	0.001140	± 2.5	PASS
		VN	20	1.6	0.000912	± 2.5	PASS
		VN	30	4.36	0.002485	± 2.5	PASS
		VN	40	-1.33	-0.000758	± 2.5	PASS
		VN	50	4.01	0.002286	± 2.5	PASS
16QAM	LCH	VN	-30	0.1	0.000058	± 2.5	PASS
		VN	-20	0.98	0.000573	± 2.5	PASS
		VN	-10	1.06	0.000620	± 2.5	PASS
		VN	0	4.32	0.002525	± 2.5	PASS
		VN	10	-1.76	-0.001029	± 2.5	PASS
		VN	20	0.56	0.000327	± 2.5	PASS
		VN	30	2.19	0.001280	± 2.5	PASS
		VN	40	1.71	0.001000	± 2.5	PASS
		VN	50	-0.32	-0.000187	± 2.5	PASS
	MCH	VN	-30	-0.92	-0.000524	± 2.5	PASS
		VN	-20	2.77	0.001579	± 2.5	PASS
		VN	-10	-0.06	-0.000034	± 2.5	PASS
		VN	0	-1.43	-0.000815	± 2.5	PASS
		VN	10	0.18	0.000103	± 2.5	PASS
		VN	20	-0.71	-0.000405	± 2.5	PASS
		VN	30	1.34	0.000764	± 2.5	PASS
		VN	40	2.06	0.001174	± 2.5	PASS
		VN	50	-1.11	-0.000633	± 2.5	PASS
	HCH	VN	-30	0.66	0.000376	± 2.5	PASS
		VN	-20	3.15	0.001796	± 2.5	PASS
		VN	-10	2.65	0.001511	± 2.5	PASS
		VN	0	3.91	0.002229	± 2.5	PASS
		VN	10	2	0.001140	± 2.5	PASS
		VN	20	0.17	0.000097	± 2.5	PASS
		VN	30	-0.64	-0.000365	± 2.5	PASS

		VN	40	-0.56	-0.000319	± 2.5	PASS
		VN	50	4.84	0.002759	± 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	2.76	0.001613	± 2.5	PASS
		VN	TN	0.8	0.000467	± 2.5	PASS
		VH	TN	-1.07	-0.000625	± 2.5	PASS
	MCH	VL	TN	-0.46	-0.000266	± 2.5	PASS
		VN	TN	0.98	0.000566	± 2.5	PASS
		VH	TN	3.02	0.001743	± 2.5	PASS
	HCH	VL	TN	-0.19	-0.000108	± 2.5	PASS
		VN	TN	2.99	0.001705	± 2.5	PASS
		VH	TN	-1.96	-0.001118	± 2.5	PASS
16QAM	LCH	VL	TN	0.69	0.000403	± 2.5	PASS
		VN	TN	3	0.001753	± 2.5	PASS
		VH	TN	4.73	0.002764	± 2.5	PASS
	MCH	VL	TN	-1.86	-0.001074	± 2.5	PASS
		VN	TN	2.35	0.001356	± 2.5	PASS
		VH	TN	-1.47	-0.000848	± 2.5	PASS
	HCH	VL	TN	4.19	0.002390	± 2.5	PASS
		VN	TN	-0.03	-0.000017	± 2.5	PASS
		VH	TN	4.76	0.002715	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-0.96	-0.000561	± 2.5	PASS
		VN	-20	-0.65	-0.000380	± 2.5	PASS
		VN	-10	4.46	0.002606	± 2.5	PASS
		VN	0	4.85	0.002834	± 2.5	PASS
		VN	10	2.35	0.001373	± 2.5	PASS
		VN	20	-0.65	-0.000380	± 2.5	PASS
		VN	30	2.96	0.001729	± 2.5	PASS
		VN	40	3.13	0.001829	± 2.5	PASS
		VN	50	4.72	0.002758	± 2.5	PASS
	MCH	VN	-30	-1.97	-0.001137	± 2.5	PASS
		VN	-20	2.11	0.001218	± 2.5	PASS
		VN	-10	1.65	0.000952	± 2.5	PASS

		VN	0	3.29	0.001899	± 2.5	PASS
		VN	10	0.08	0.000046	± 2.5	PASS
		VN	20	-1.82	-0.001051	± 2.5	PASS
		VN	30	-1.74	-0.001004	± 2.5	PASS
		VN	40	2.4	0.001385	± 2.5	PASS
		VN	50	3.54	0.002043	± 2.5	PASS
	HCH	VN	-30	-1.23	-0.000701	± 2.5	PASS
		VN	-20	-0.5	-0.000285	± 2.5	PASS
		VN	-10	1.73	0.000987	± 2.5	PASS
		VN	0	-1.5	-0.000855	± 2.5	PASS
		VN	10	-1.53	-0.000873	± 2.5	PASS
		VN	20	4.43	0.002526	± 2.5	PASS
		VN	30	0.44	0.000251	± 2.5	PASS
		VN	40	-0.78	-0.000445	± 2.5	PASS
		VN	50	0.68	0.000388	± 2.5	PASS
16QAM	LCH	VN	-30	2.16	0.001247	± 2.5	PASS
		VN	-20	3.42	0.001974	± 2.5	PASS
		VN	-10	0.51	0.000294	± 2.5	PASS
		VN	0	2.41	0.001391	± 2.5	PASS
		VN	10	-0.68	-0.000392	± 2.5	PASS
		VN	20	-0.41	-0.000237	± 2.5	PASS
		VN	30	2.15	0.001241	± 2.5	PASS
		VN	40	-1.12	-0.000646	± 2.5	PASS
		VN	50	1.55	0.000895	± 2.5	PASS
	MCH	VN	-30	2.2	0.001255	± 2.5	PASS
		VN	-20	4.78	0.002726	± 2.5	PASS
		VN	-10	3.5	0.001996	± 2.5	PASS
		VN	0	3.2	0.001825	± 2.5	PASS
		VN	10	-0.86	-0.000490	± 2.5	PASS
		VN	20	4.16	0.002372	± 2.5	PASS
		VN	30	-1.42	-0.000810	± 2.5	PASS
		VN	40	2.34	0.001334	± 2.5	PASS
		VN	50	2.99	0.001705	± 2.5	PASS
	HCH	VN	-30	-0.84	-0.000479	± 2.5	PASS
		VN	-20	-0.73	-0.000416	± 2.5	PASS
		VN	-10	3.43	0.001956	± 2.5	PASS
		VN	0	-0.19	-0.000108	± 2.5	PASS
		VN	10	-1.06	-0.000605	± 2.5	PASS
		VN	20	-1.95	-0.001112	± 2.5	PASS
		VN	30	2.61	0.001488	± 2.5	PASS
		VN	40	1.8	0.001027	± 2.5	PASS

		VN	50	2.86	0.001631	± 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	2.12	0.001238	± 2.5	PASS
		VN	TN	-1.49	-0.000870	± 2.5	PASS
		VH	TN	4.56	0.002663	± 2.5	PASS
	MCH	VL	TN	0.3	0.000173	± 2.5	PASS
		VN	TN	0.13	0.000075	± 2.5	PASS
		VH	TN	2.37	0.001368	± 2.5	PASS
	HCH	VL	TN	-0.05	-0.000029	± 2.5	PASS
		VN	TN	2.37	0.001352	± 2.5	PASS
		VH	TN	-1.35	-0.000770	± 2.5	PASS
16QAM	LCH	VL	TN	0.69	0.000403	± 2.5	PASS
		VN	TN	-0.15	-0.000088	± 2.5	PASS
		VH	TN	-0.05	-0.000029	± 2.5	PASS
	MCH	VL	TN	1.09	0.000629	± 2.5	PASS
		VN	TN	1.59	0.000918	± 2.5	PASS
		VH	TN	0.38	0.000219	± 2.5	PASS
	HCH	VL	TN	1.59	0.000907	± 2.5	PASS
		VN	TN	-0.2	-0.000114	± 2.5	PASS
		VH	TN	1.08	0.000616	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	3.75	0.002190	± 2.5	PASS
		VN	-20	-1.59	-0.000928	± 2.5	PASS
		VN	-10	4.86	0.002838	± 2.5	PASS
		VN	0	-0.07	-0.000041	± 2.5	PASS
		VN	10	4.73	0.002762	± 2.5	PASS
		VN	20	3.61	0.002108	± 2.5	PASS
		VN	30	4.95	0.002891	± 2.5	PASS
		VN	40	0.41	0.000239	± 2.5	PASS
		VN	50	-1	-0.000584	± 2.5	PASS
	MCH	VN	-30	0.97	0.000560	± 2.5	PASS
		VN	-20	0.92	0.000531	± 2.5	PASS
		VN	-10	1.85	0.001068	± 2.5	PASS
		VN	0	3.84	0.002216	± 2.5	PASS

		VN	10	0.31	0.000179	± 2.5	PASS
		VN	20	0.64	0.000369	± 2.5	PASS
		VN	30	4.58	0.002644	± 2.5	PASS
		VN	40	4.59	0.002649	± 2.5	PASS
		VN	50	0.75	0.000433	± 2.5	PASS
	HCH	VN	-30	0.74	0.000422	± 2.5	PASS
		VN	-20	3.79	0.001987	± 2.5	PASS
		VN	-10	3.94	0.002066	± 2.5	PASS
		VN	0	4.97	0.002606	± 2.5	PASS
		VN	10	4.68	0.002453	± 2.5	PASS
		VN	20	0.23	0.000121	± 2.5	PASS
		VN	30	3.1	0.001625	± 2.5	PASS
		VN	40	-0.02	-0.000010	± 2.5	PASS
		VN	50	0.1	0.000052	± 2.5	PASS
16QAM	LCH	VN	-30	-0.37	-0.000214	± 2.5	PASS
		VN	-20	0.88	0.000508	± 2.5	PASS
		VN	-10	4.72	0.002724	± 2.5	PASS
		VN	0	-0.73	-0.000421	± 2.5	PASS
		VN	10	2.91	0.001680	± 2.5	PASS
		VN	20	4.36	0.002517	± 2.5	PASS
		VN	30	2.38	0.001374	± 2.5	PASS
		VN	40	3.06	0.001766	± 2.5	PASS
		VN	50	-0.53	-0.000306	± 2.5	PASS
	MCH	VN	-30	2.65	0.001512	± 2.5	PASS
		VN	-20	-0.58	-0.000331	± 2.5	PASS
		VN	-10	1	0.000571	± 2.5	PASS
		VN	0	4.35	0.002482	± 2.5	PASS
		VN	10	2.5	0.001427	± 2.5	PASS
		VN	20	3.13	0.001786	± 2.5	PASS
		VN	30	1	0.000571	± 2.5	PASS
		VN	40	-1.78	-0.001016	± 2.5	PASS
		VN	50	3.4	0.001940	± 2.5	PASS
	HCH	VN	-30	0.86	0.000451	± 2.5	PASS
		VN	-20	1.79	0.000938	± 2.5	PASS
		VN	-10	-1.94	-0.001017	± 2.5	PASS
		VN	0	1.06	0.000556	± 2.5	PASS
		VN	10	1.53	0.000802	± 2.5	PASS
		VN	20	2.18	0.001143	± 2.5	PASS
		VN	30	-0.94	-0.000493	± 2.5	PASS
		VN	40	0.89	0.000467	± 2.5	PASS
		VN	50	3.72	0.001950	± 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	-1.57	-0.000915	± 2.5	PASS
		VN	TN	-0.03	-0.000017	± 2.5	PASS
		VH	TN	0.55	0.000321	± 2.5	PASS
	MCH	VL	TN	-1.81	-0.001045	± 2.5	PASS
		VN	TN	-1.06	-0.000612	± 2.5	PASS
		VH	TN	3.08	0.001778	± 2.5	PASS
	HCH	VL	TN	1.28	0.000731	± 2.5	PASS
		VN	TN	-0.01	-0.000006	± 2.5	PASS
		VH	TN	0.4	0.000229	± 2.5	PASS
16QAM	LCH	VL	TN	1.85	0.001079	± 2.5	PASS
		VN	TN	3.55	0.002070	± 2.5	PASS
		VH	TN	1.97	0.001149	± 2.5	PASS
	MCH	VL	TN	-1	-0.000577	± 2.5	PASS
		VN	TN	0.11	0.000063	± 2.5	PASS
		VH	TN	4.83	0.002788	± 2.5	PASS
	HCH	VL	TN	-1.61	-0.000920	± 2.5	PASS
		VN	TN	-0.78	-0.000446	± 2.5	PASS
		VH	TN	-1.74	-0.000994	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
16QAM	LCH	VN	-30	-0.08	-0.000047	± 2.5	PASS
		VN	-20	2.55	0.001487	± 2.5	PASS
		VN	-10	0.47	0.000274	± 2.5	PASS
		VN	0	4.23	0.002466	± 2.5	PASS
		VN	10	3.88	0.002262	± 2.5	PASS
		VN	20	3.43	0.002000	± 2.5	PASS
		VN	30	1.7	0.000991	± 2.5	PASS
		VN	40	-1.22	-0.000711	± 2.5	PASS
		VN	50	-1.88	-0.001096	± 2.5	PASS
	MCH	VN	-30	2.16	0.001247	± 2.5	PASS
		VN	-20	-0.11	-0.000063	± 2.5	PASS
		VN	-10	1.39	0.000802	± 2.5	PASS
		VN	0	2.24	0.001293	± 2.5	PASS
		VN	10	1.26	0.000727	± 2.5	PASS
		VN	20	1.88	0.001085	± 2.5	PASS

		VN	30	4.6	0.002655	± 2.5	PASS
		VN	40	-0.11	-0.000063	± 2.5	PASS
		VN	50	-1.42	-0.000820	± 2.5	PASS
	HCH	VN	-30	1.1	0.000629	± 2.5	PASS
		VN	-20	0.65	0.000371	± 2.5	PASS
		VN	-10	3.48	0.001989	± 2.5	PASS
		VN	0	3.88	0.002217	± 2.5	PASS
		VN	10	-1.92	-0.001097	± 2.5	PASS
		VN	20	1.28	0.000731	± 2.5	PASS
		VN	30	2.57	0.001469	± 2.5	PASS
		VN	40	-1.51	-0.000863	± 2.5	PASS
		VN	50	3.76	0.002149	± 2.5	PASS
QPSK	LCH	VN	-30	0.29	0.000167	± 2.5	PASS
		VN	-20	2.52	0.001455	± 2.5	PASS
		VN	-10	3.28	0.001893	± 2.5	PASS
		VN	0	1.72	0.000993	± 2.5	PASS
		VN	10	3.58	0.002066	± 2.5	PASS
		VN	20	4.58	0.002644	± 2.5	PASS
		VN	30	4.04	0.002332	± 2.5	PASS
		VN	40	2.16	0.001247	± 2.5	PASS
		VN	50	0.39	0.000225	± 2.5	PASS
	MCH	VN	-30	3.56	0.002034	± 2.5	PASS
		VN	-20	2.59	0.001480	± 2.5	PASS
		VN	-10	4.64	0.002651	± 2.5	PASS
		VN	0	-1.29	-0.000737	± 2.5	PASS
		VN	10	-0.51	-0.000291	± 2.5	PASS
		VN	20	-0.11	-0.000063	± 2.5	PASS
		VN	30	-1.11	-0.000634	± 2.5	PASS
		VN	40	-0.97	-0.000554	± 2.5	PASS
		VN	50	-0.83	-0.000474	± 2.5	PASS
	HCH	VN	-30	0.67	0.000383	± 2.5	PASS
		VN	-20	2.69	0.001537	± 2.5	PASS
		VN	-10	-0.6	-0.000343	± 2.5	PASS
		VN	0	3.71	0.002120	± 2.5	PASS
		VN	10	2.24	0.001280	± 2.5	PASS
		VN	20	-0.16	-0.000091	± 2.5	PASS
		VN	30	-1.25	-0.000714	± 2.5	PASS
		VN	40	4.99	0.002851	± 2.5	PASS
		VN	50	3.43	0.001960	± 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	0.75	0.000437	± 2.5	PASS
		VN	TN	0.15	0.000087	± 2.5	PASS
		VH	TN	-0.13	-0.000076	± 2.5	PASS
	MCH	VL	TN	2.15	0.001241	± 2.5	PASS
		VN	TN	4.99	0.002880	± 2.5	PASS
		VH	TN	2.53	0.001460	± 2.5	PASS
	HCH	VL	TN	4.04	0.002312	± 2.5	PASS
		VN	TN	0.43	0.000246	± 2.5	PASS
		VH	TN	4.6	0.002632	± 2.5	PASS
16QAM	LCH	VL	TN	3.16	0.001840	± 2.5	PASS
		VN	TN	3.49	0.002032	± 2.5	PASS
		VH	TN	-1.44	-0.000838	± 2.5	PASS
	MCH	VL	TN	1.14	0.000658	± 2.5	PASS
		VN	TN	-1.99	-0.001149	± 2.5	PASS
		VH	TN	1.5	0.000866	± 2.5	PASS
	HCH	VL	TN	4.32	0.002472	± 2.5	PASS
		VN	TN	3.66	0.002094	± 2.5	PASS
		VH	TN	-1	-0.000572	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	4.68	0.002725	± 2.5	PASS
		VN	-20	4.47	0.002603	± 2.5	PASS
		VN	-10	4.24	0.002469	± 2.5	PASS
		VN	0	0.86	0.000501	± 2.5	PASS
		VN	10	0.55	0.000320	± 2.5	PASS
		VN	20	3.88	0.002259	± 2.5	PASS
		VN	30	3.58	0.002084	± 2.5	PASS
		VN	40	4.62	0.002690	± 2.5	PASS
		VN	50	4.67	0.002719	± 2.5	PASS
	MCH	VN	-30	2.67	0.001541	± 2.5	PASS
		VN	-20	3.66	0.002113	± 2.5	PASS
		VN	-10	2.45	0.001414	± 2.5	PASS
		VN	0	1.76	0.001016	± 2.5	PASS
		VN	10	4.95	0.002857	± 2.5	PASS
		VN	20	-0.39	-0.000225	± 2.5	PASS

		VN	30	2.81	0.001622	± 2.5	PASS
		VN	40	4.1	0.002367	± 2.5	PASS
		VN	50	4.61	0.002661	± 2.5	PASS
	HCH	VN	-30	2.1	0.001202	± 2.5	PASS
		VN	-20	0.93	0.000532	± 2.5	PASS
		VN	-10	4.94	0.002827	± 2.5	PASS
		VN	0	1.99	0.001139	± 2.5	PASS
		VN	10	-0.59	-0.000338	± 2.5	PASS
		VN	20	2.62	0.001499	± 2.5	PASS
		VN	30	-1.03	-0.000589	± 2.5	PASS
		VN	40	2.93	0.001677	± 2.5	PASS
		VN	50	0.43	0.000246	± 2.5	PASS
16QAM	LCH	VN	-30	1.4	0.000808	± 2.5	PASS
		VN	-20	2.3	0.001328	± 2.5	PASS
		VN	-10	-1.08	-0.000623	± 2.5	PASS
		VN	0	4.33	0.002499	± 2.5	PASS
		VN	10	2.75	0.001587	± 2.5	PASS
		VN	20	3.73	0.002153	± 2.5	PASS
		VN	30	-1.11	-0.000641	± 2.5	PASS
		VN	40	1.93	0.001114	± 2.5	PASS
		VN	50	3.74	0.002159	± 2.5	PASS
	MCH	VN	-30	-1.15	-0.000658	± 2.5	PASS
		VN	-20	-1.99	-0.001139	± 2.5	PASS
		VN	-10	1.13	0.000647	± 2.5	PASS
		VN	0	-0.73	-0.000418	± 2.5	PASS
		VN	10	1.01	0.000578	± 2.5	PASS
		VN	20	1.43	0.000818	± 2.5	PASS
		VN	30	-1.23	-0.000704	± 2.5	PASS
		VN	40	2.55	0.001459	± 2.5	PASS
		VN	50	4.21	0.002409	± 2.5	PASS
	HCH	VN	-30	2.8	0.001602	± 2.5	PASS
		VN	-20	3.47	0.001986	± 2.5	PASS
		VN	-10	2	0.001144	± 2.5	PASS
		VN	0	4.61	0.002638	± 2.5	PASS
		VN	10	0.66	0.000378	± 2.5	PASS
		VN	20	1.78	0.001019	± 2.5	PASS
		VN	30	3.71	0.002123	± 2.5	PASS
		VN	40	0.17	0.000097	± 2.5	PASS
		VN	50	-0.13	-0.000074	± 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	2.65	0.001541	± 2.5	PASS
		VN	TN	-0.07	-0.000041	± 2.5	PASS
		VH	TN	0.23	0.000134	± 2.5	PASS
	MCH	VL	TN	0.62	0.000358	± 2.5	PASS
		VN	TN	-1.55	-0.000895	± 2.5	PASS
		VH	TN	2.87	0.001657	± 2.5	PASS
	HCH	VL	TN	3.79	0.002172	± 2.5	PASS
		VN	TN	4.93	0.002825	± 2.5	PASS
		VH	TN	0.06	0.000034	± 2.5	PASS
16QAM	LCH	VL	TN	0.84	0.000488	± 2.5	PASS
		VN	TN	4.19	0.002436	± 2.5	PASS
		VH	TN	3.85	0.002238	± 2.5	PASS
	MCH	VL	TN	3.75	0.002165	± 2.5	PASS
		VN	TN	4.99	0.002880	± 2.5	PASS
		VH	TN	1.03	0.000595	± 2.5	PASS
	HCH	VL	TN	0.09	0.000052	± 2.5	PASS
		VN	TN	3.41	0.001954	± 2.5	PASS
		VH	TN	4.94	0.002831	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	0.75	0.000436	± 2.5	PASS
		VN	-20	1.08	0.000628	± 2.5	PASS
		VN	-10	4.13	0.002401	± 2.5	PASS
		VN	0	-0.2	-0.000116	± 2.5	PASS
		VN	10	3.32	0.001930	± 2.5	PASS
		VN	20	1.63	0.000948	± 2.5	PASS
		VN	30	0.67	0.000390	± 2.5	PASS
		VN	40	-0.4	-0.000233	± 2.5	PASS
		VN	50	2.4	0.001395	± 2.5	PASS
	MCH	VN	-30	3.44	0.001986	± 2.5	PASS
		VN	-20	-1.02	-0.000589	± 2.5	PASS
		VN	-10	0.56	0.000323	± 2.5	PASS
		VN	0	0.23	0.000133	± 2.5	PASS
		VN	10	3.66	0.002113	± 2.5	PASS
		VN	20	4	0.002309	± 2.5	PASS

		VN	30	4.02	0.002320	± 2.5	PASS
		VN	40	4.85	0.002799	± 2.5	PASS
		VN	50	2.2	0.001270	± 2.5	PASS
	HCH	VN	-30	-1.81	-0.001037	± 2.5	PASS
		VN	-20	-0.55	-0.000315	± 2.5	PASS
		VN	-10	2.72	0.001559	± 2.5	PASS
		VN	0	3.78	0.002166	± 2.5	PASS
		VN	10	3.33	0.001908	± 2.5	PASS
		VN	20	3.91	0.002241	± 2.5	PASS
		VN	30	3.21	0.001840	± 2.5	PASS
		VN	40	0.39	0.000223	± 2.5	PASS
		VN	50	1.44	0.000825	± 2.5	PASS
16QAM	LCH	VN	-30	0.74	0.000427	± 2.5	PASS
		VN	-20	-2	-0.001154	± 2.5	PASS
		VN	-10	-1.04	-0.000600	± 2.5	PASS
		VN	0	4.77	0.002753	± 2.5	PASS
		VN	10	-1.79	-0.001033	± 2.5	PASS
		VN	20	-0.97	-0.000560	± 2.5	PASS
		VN	30	1.03	0.000595	± 2.5	PASS
		VN	40	4.63	0.002672	± 2.5	PASS
		VN	50	1.29	0.000745	± 2.5	PASS
	MCH	VN	-30	0.27	0.000155	± 2.5	PASS
		VN	-20	4.92	0.002819	± 2.5	PASS
		VN	-10	4.19	0.002401	± 2.5	PASS
		VN	0	0.77	0.000441	± 2.5	PASS
		VN	10	4.14	0.002372	± 2.5	PASS
		VN	20	1.32	0.000756	± 2.5	PASS
		VN	30	2.15	0.001232	± 2.5	PASS
		VN	40	1.69	0.000968	± 2.5	PASS
		VN	50	1.64	0.000940	± 2.5	PASS
	HCH	VN	-30	4.73	0.002711	± 2.5	PASS
		VN	-20	4.3	0.002464	± 2.5	PASS
		VN	-10	4.35	0.002493	± 2.5	PASS
		VN	0	2.66	0.001524	± 2.5	PASS
		VN	10	-0.73	-0.000418	± 2.5	PASS
		VN	20	2.38	0.001364	± 2.5	PASS
		VN	30	4.48	0.002567	± 2.5	PASS
		VN	40	2.08	0.001192	± 2.5	PASS
		VN	50	-0.93	-0.000533	± 2.5	PASS