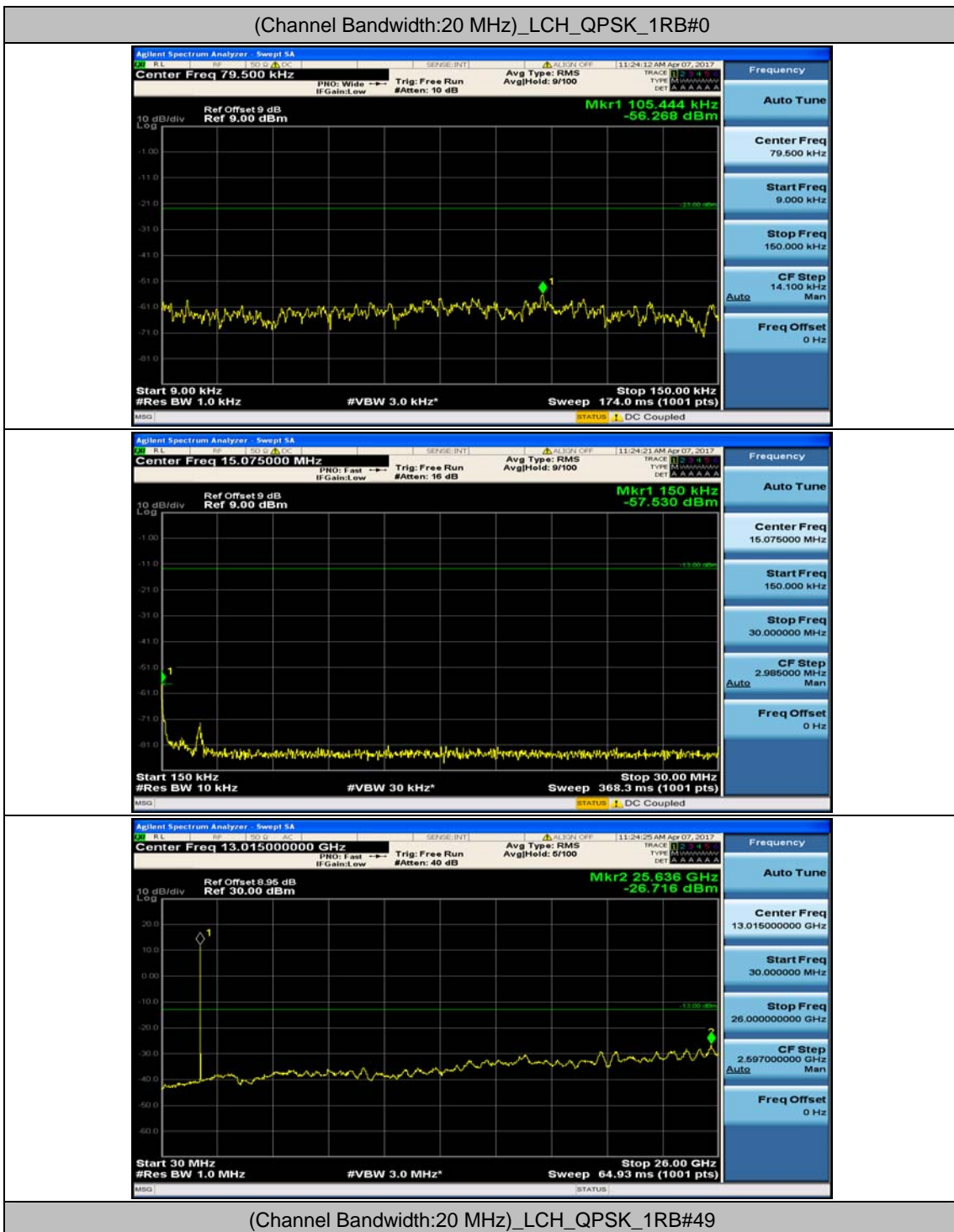
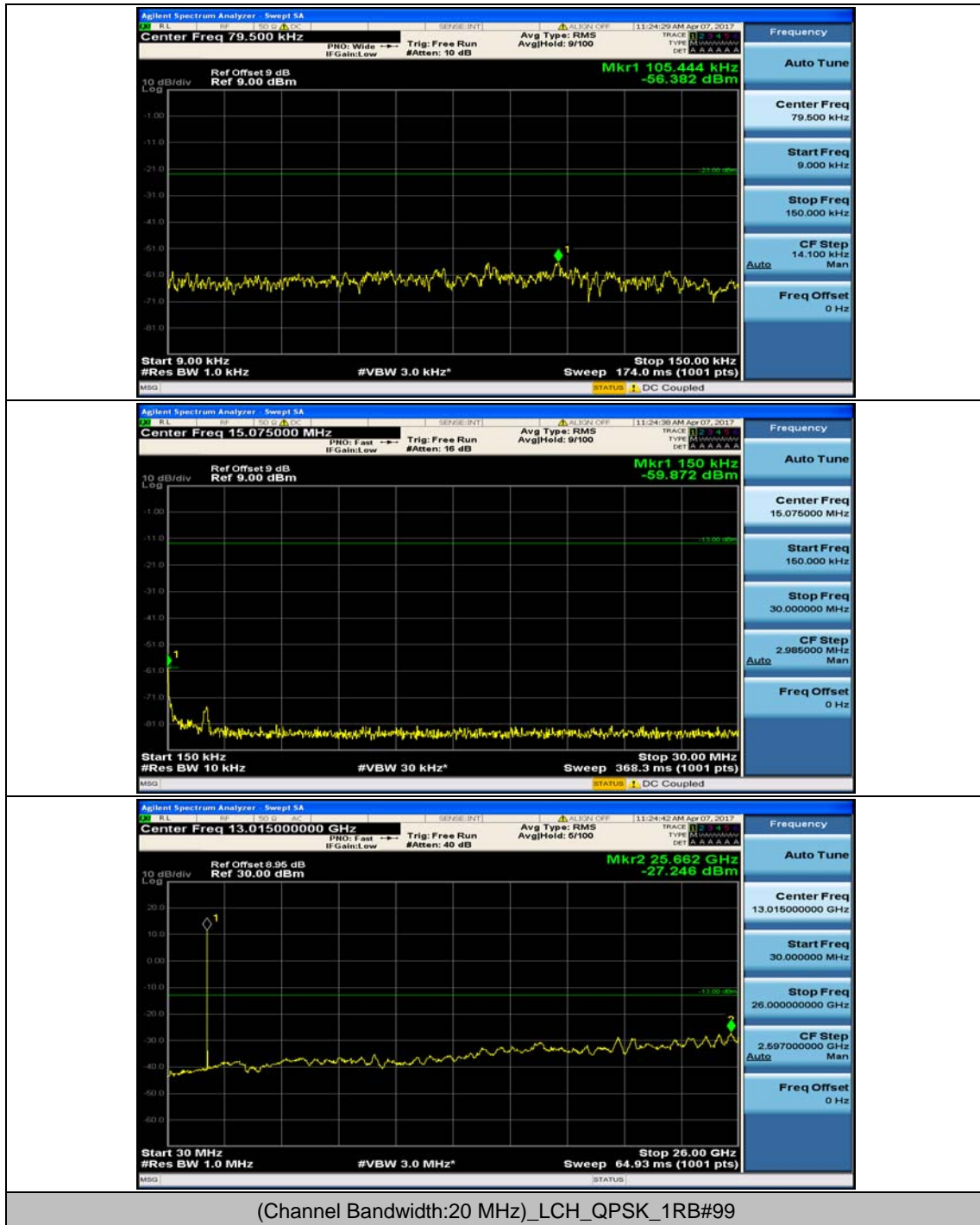
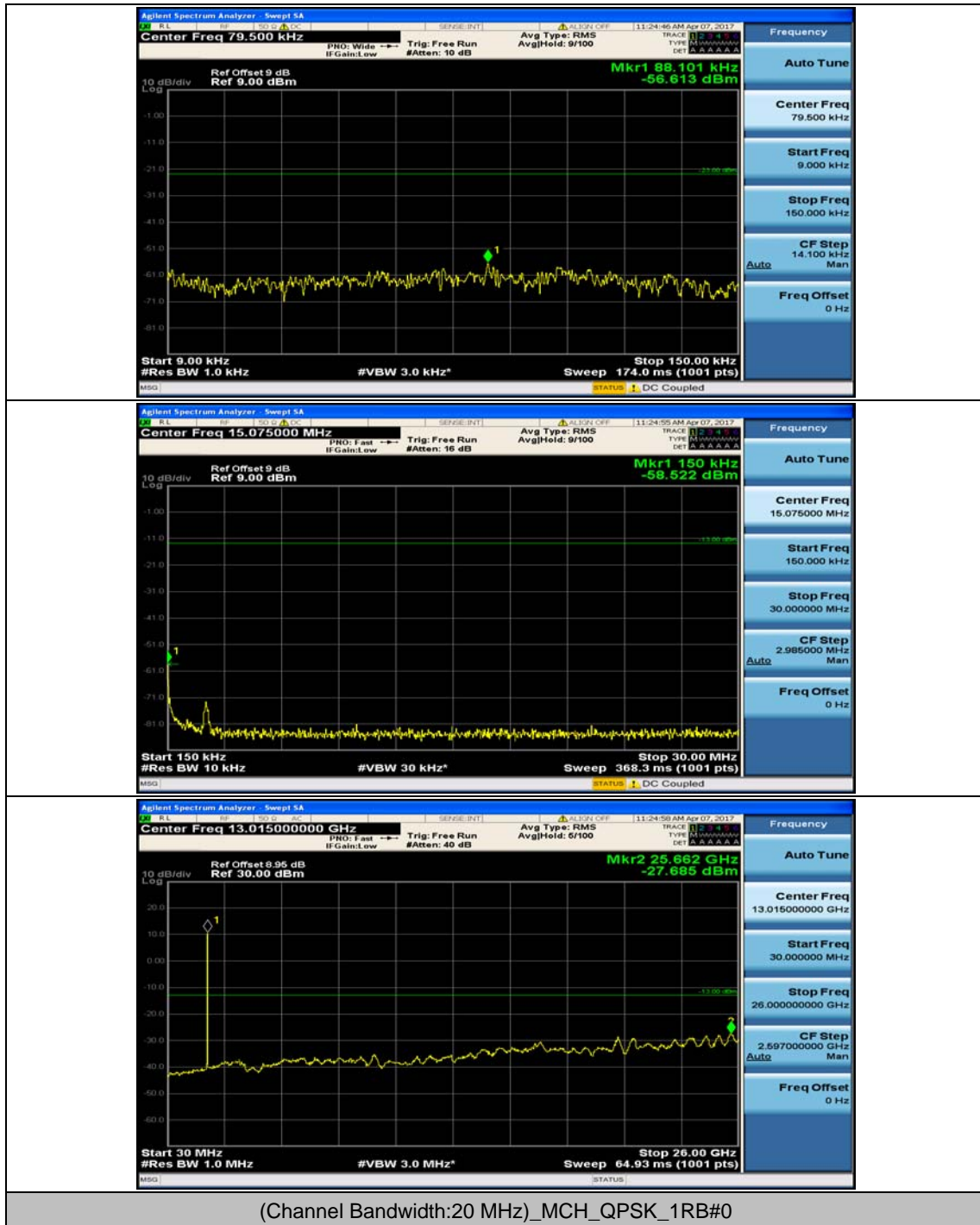
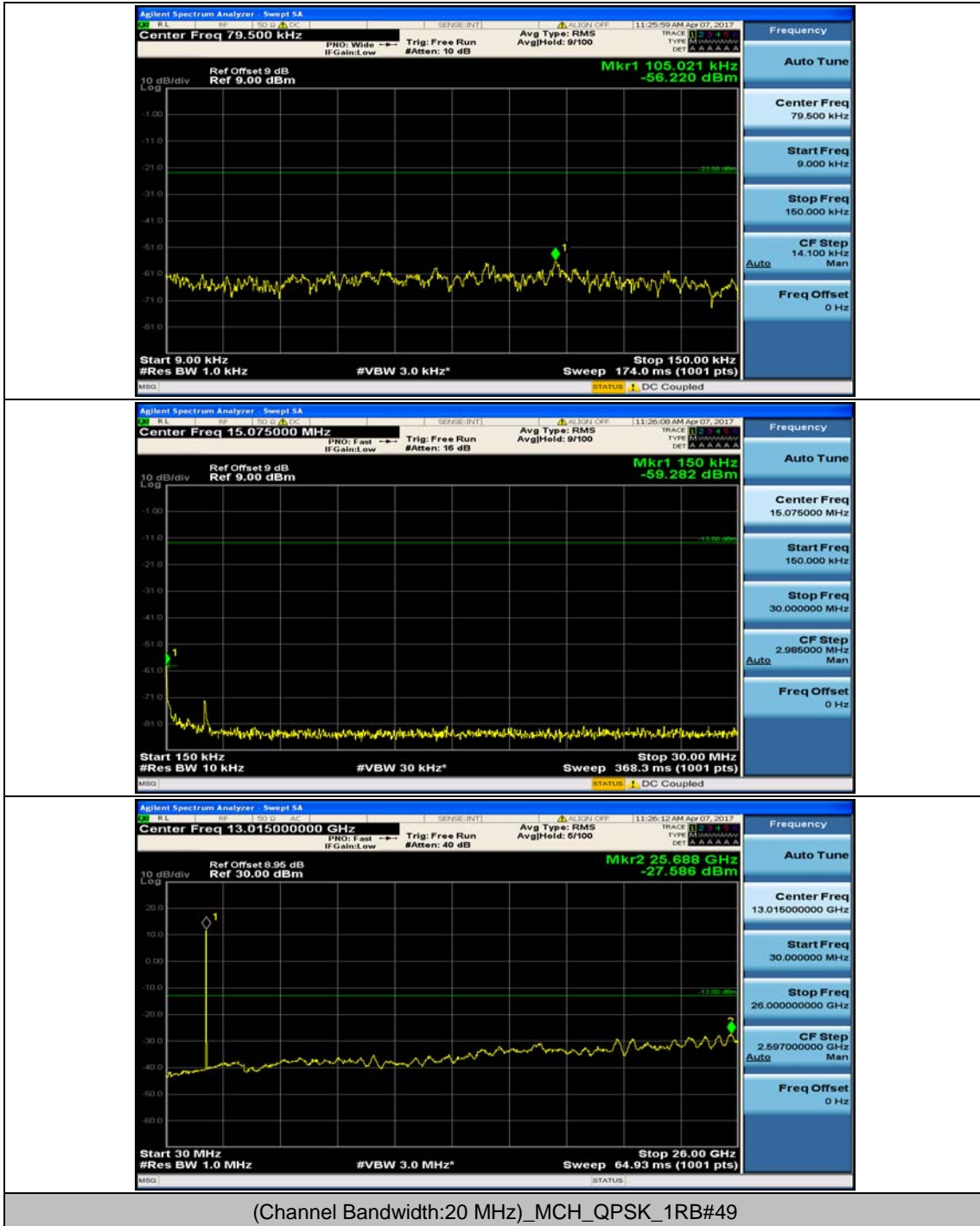


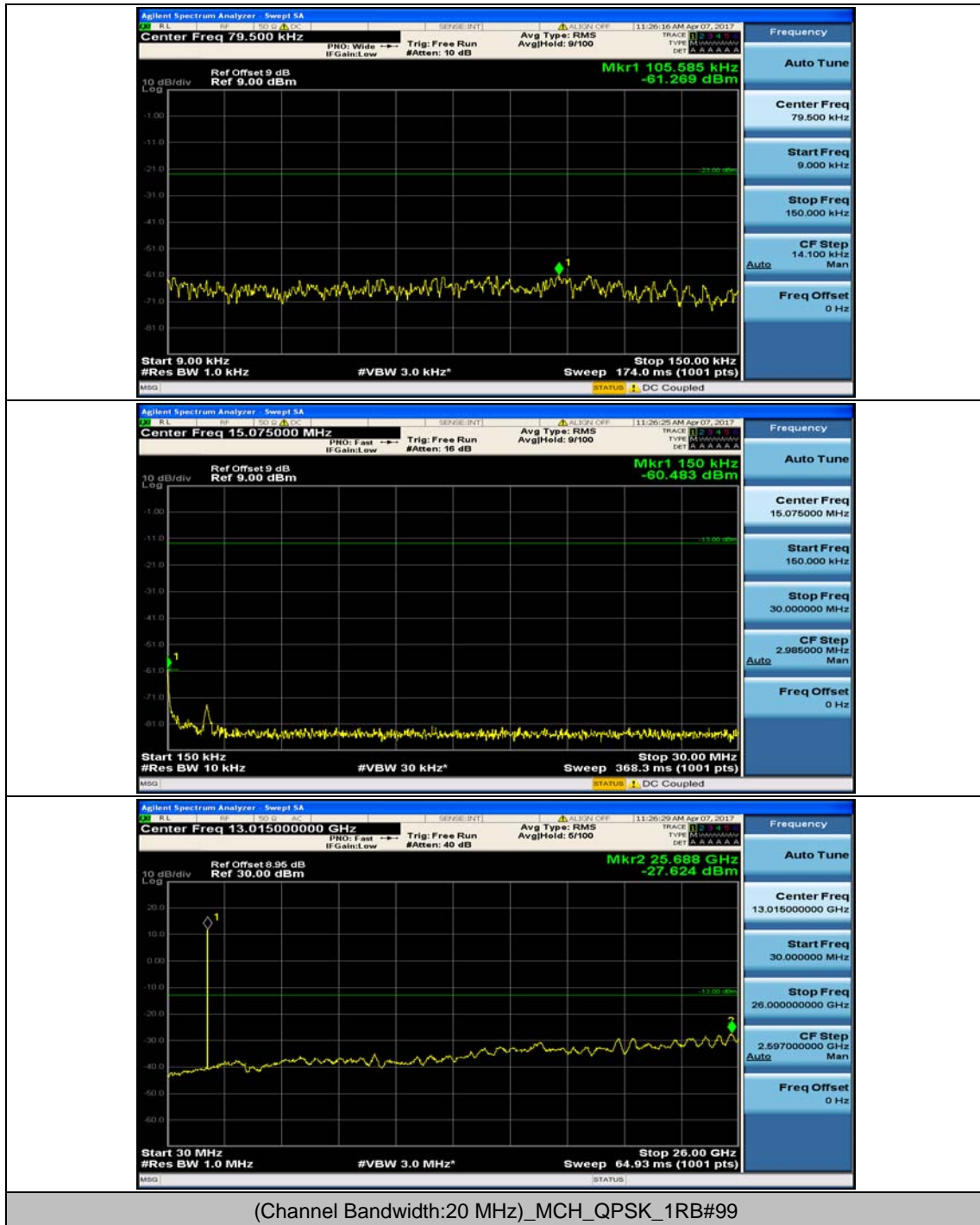
Channel Bandwidth: 20 MHz

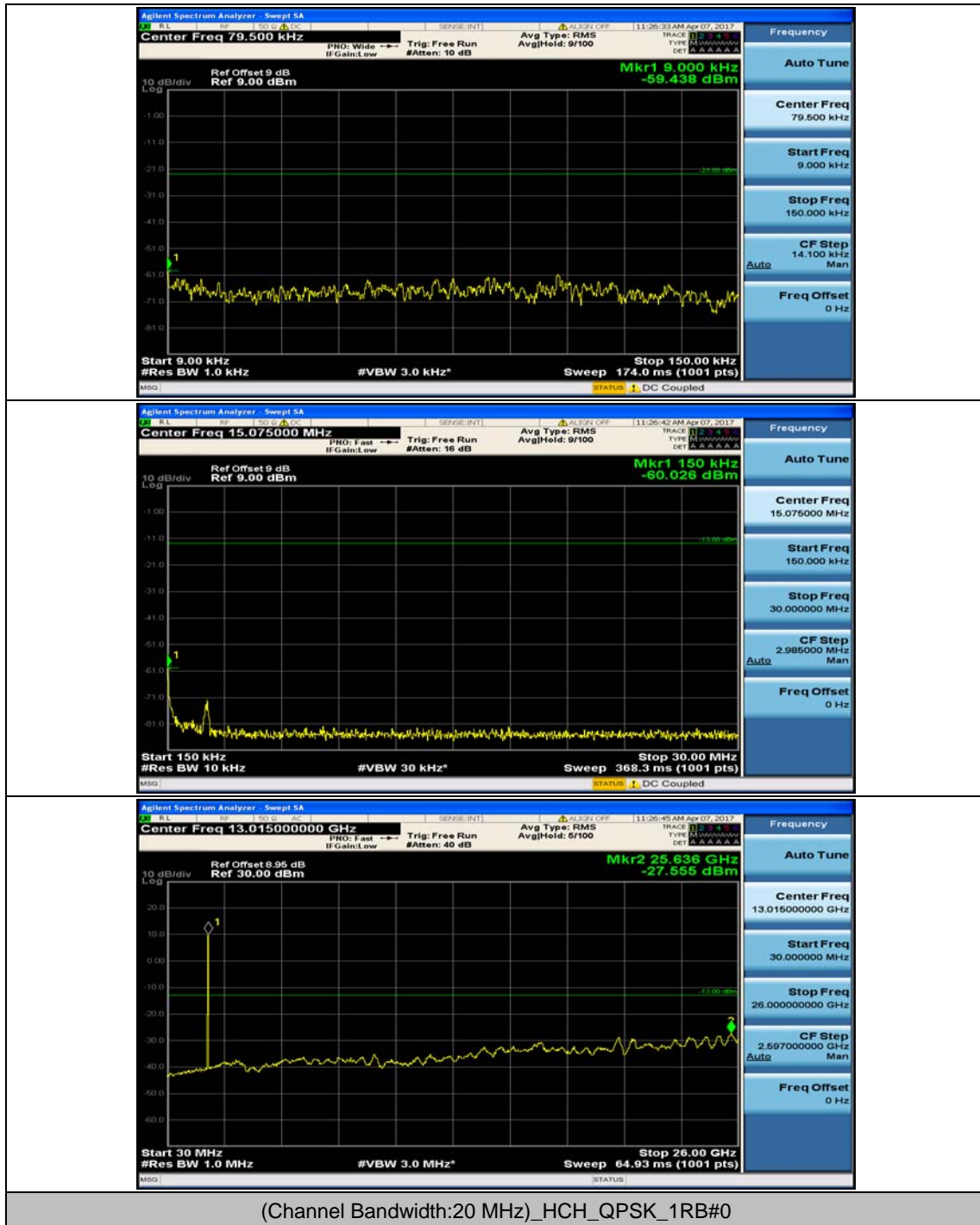


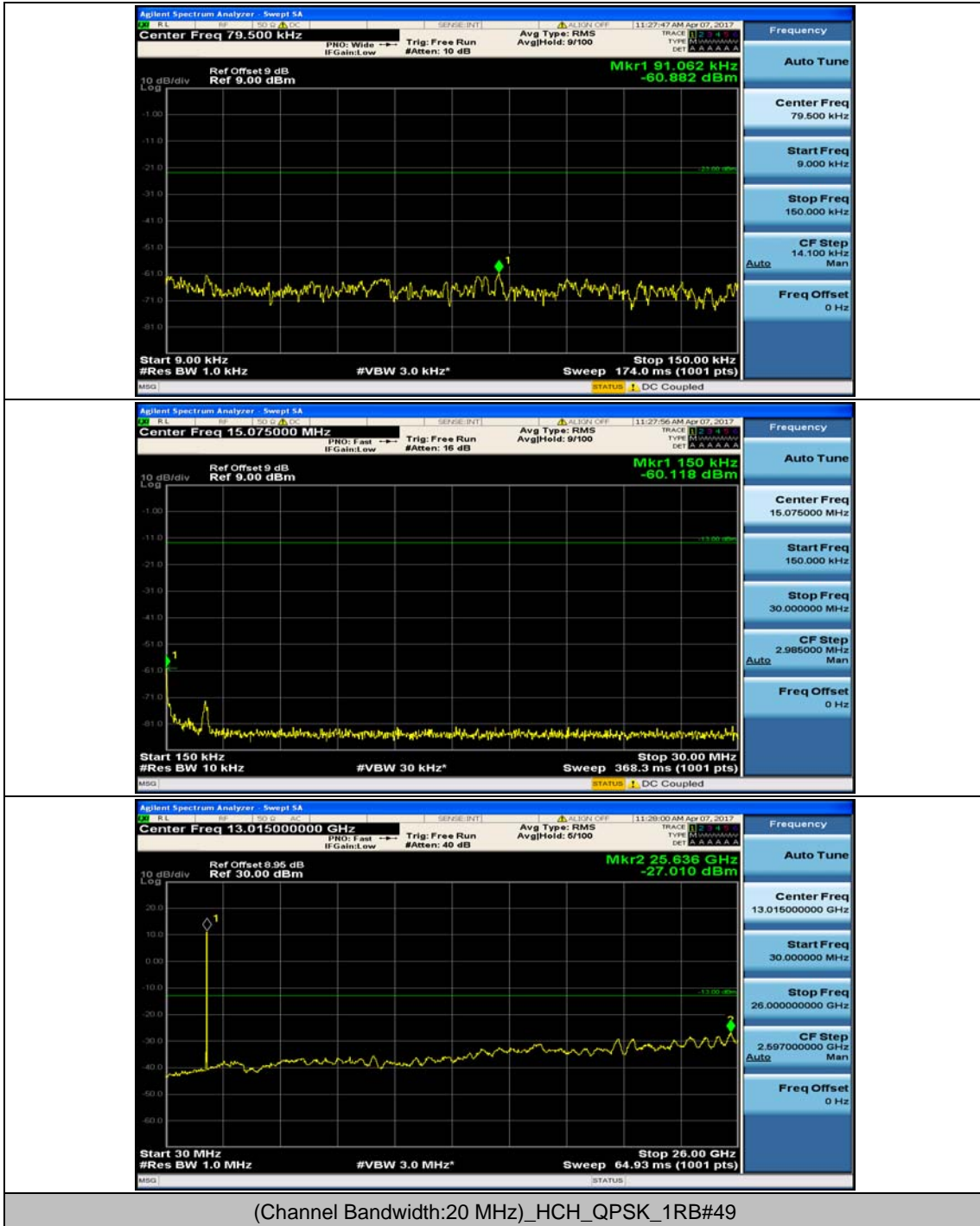


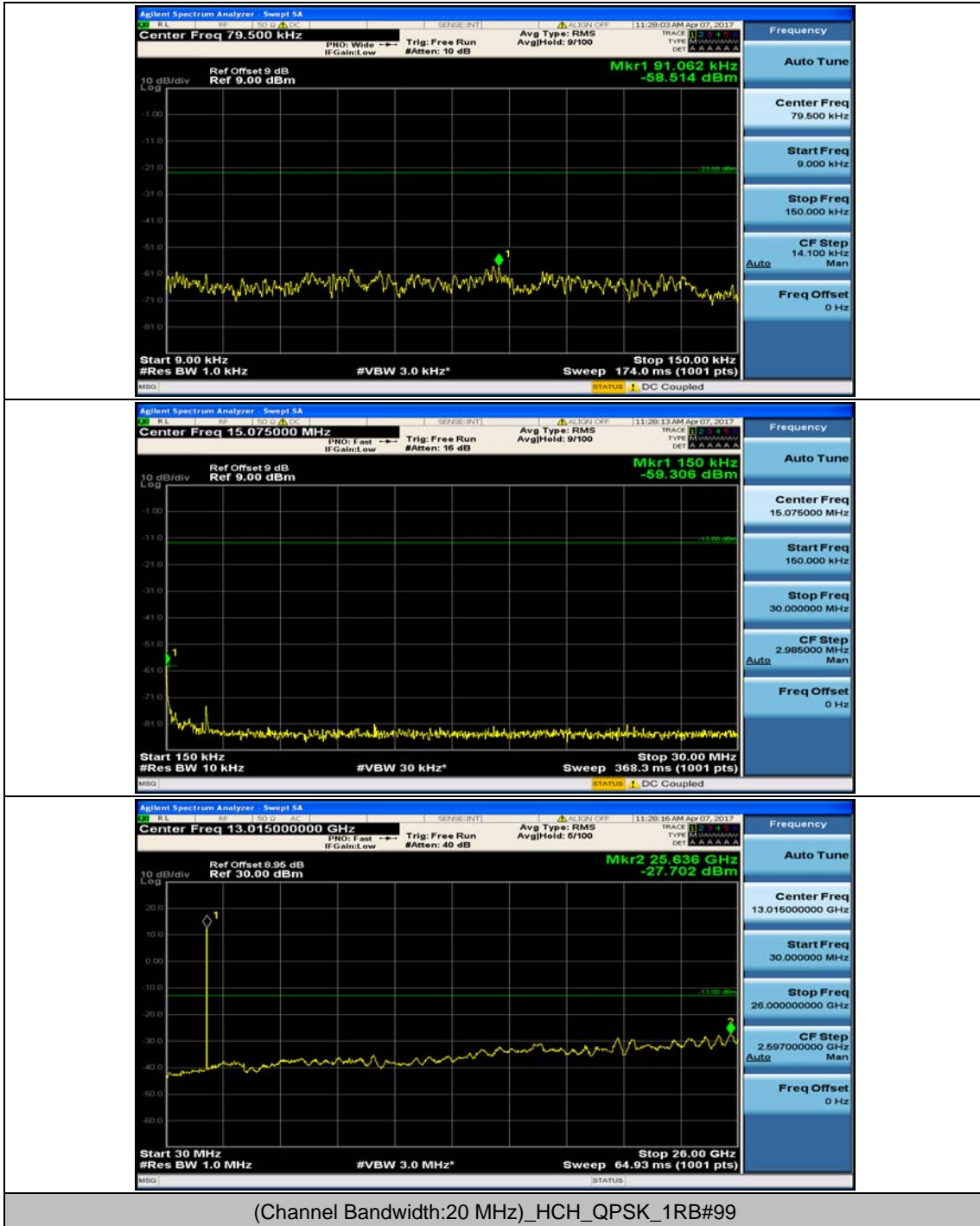


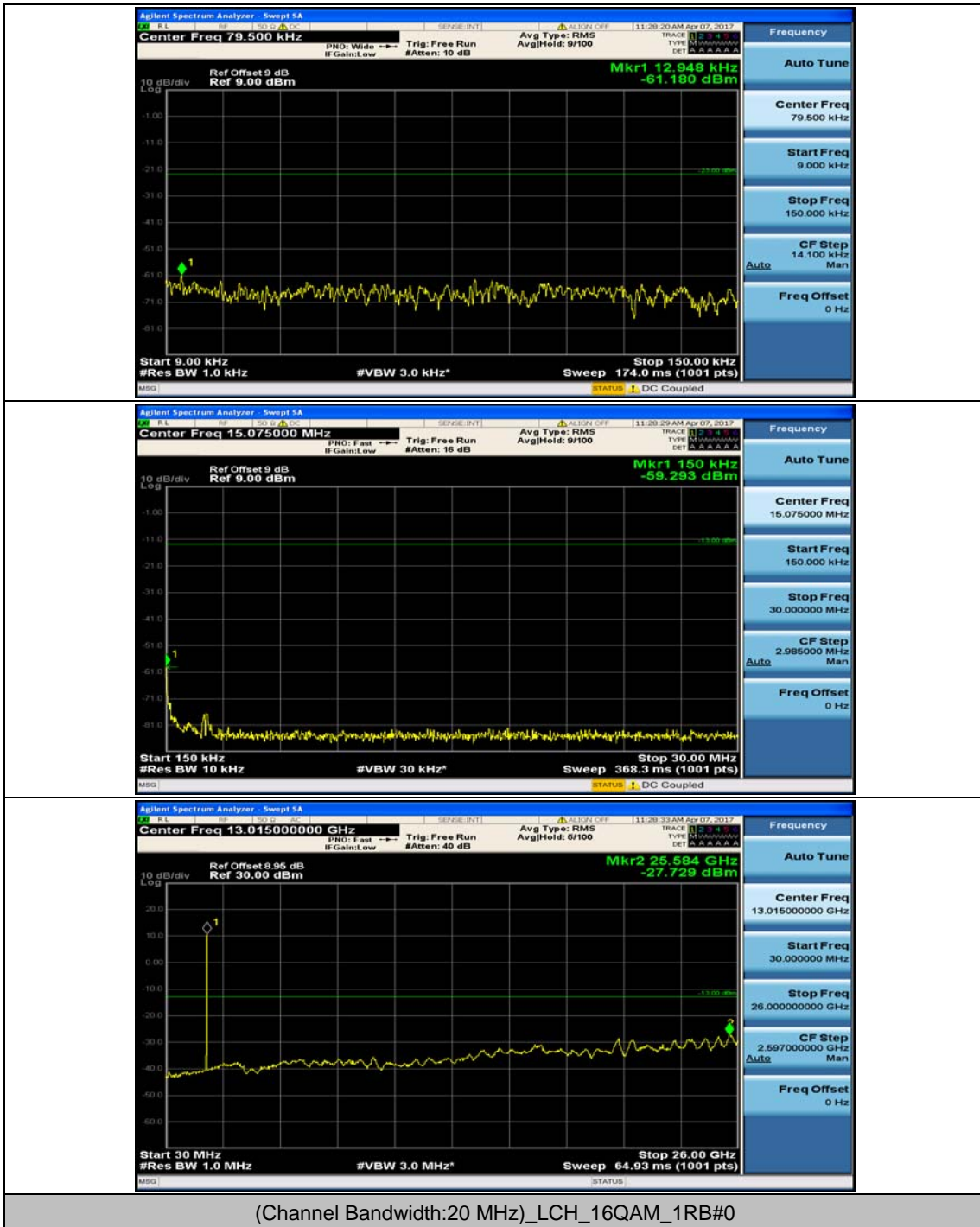


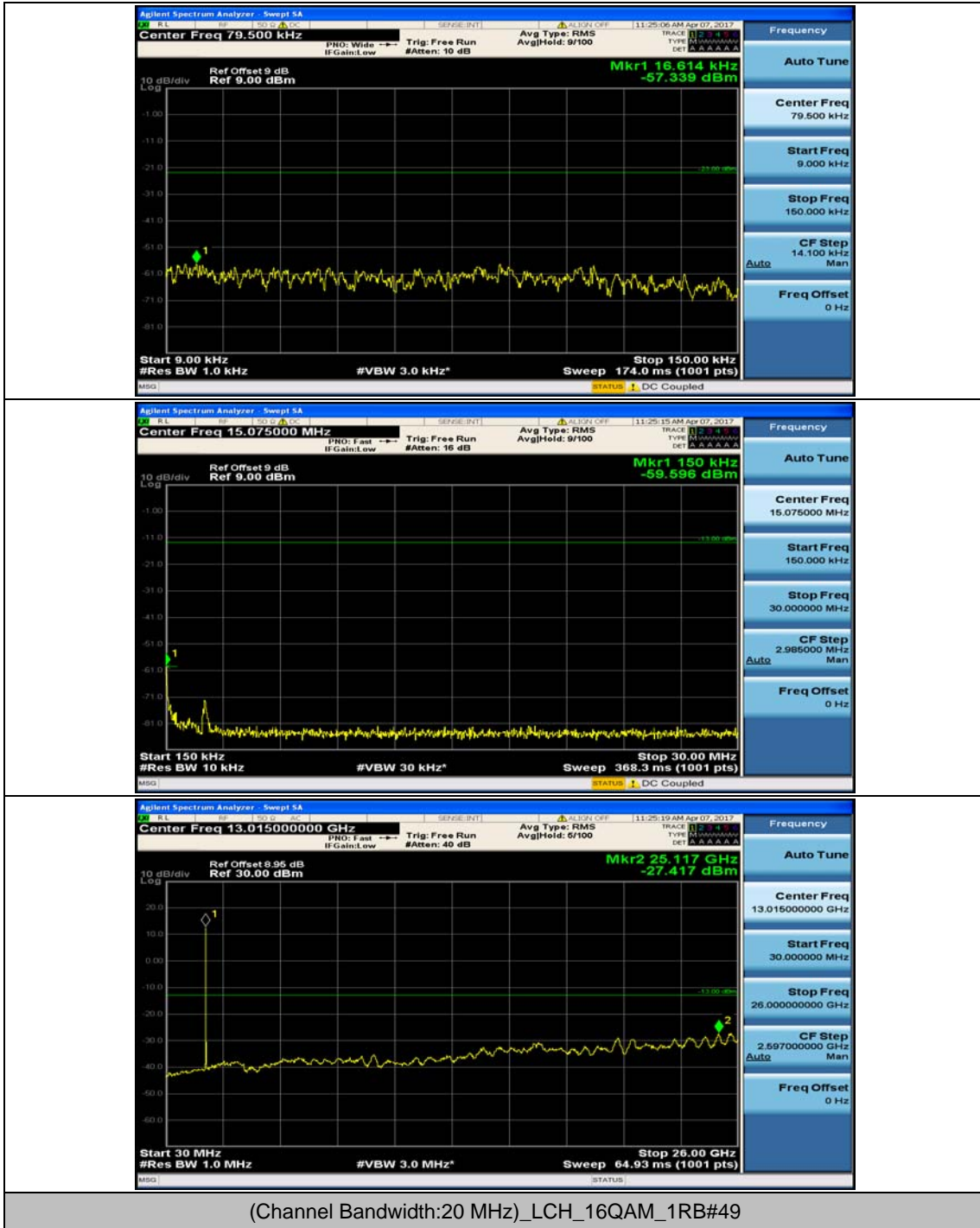


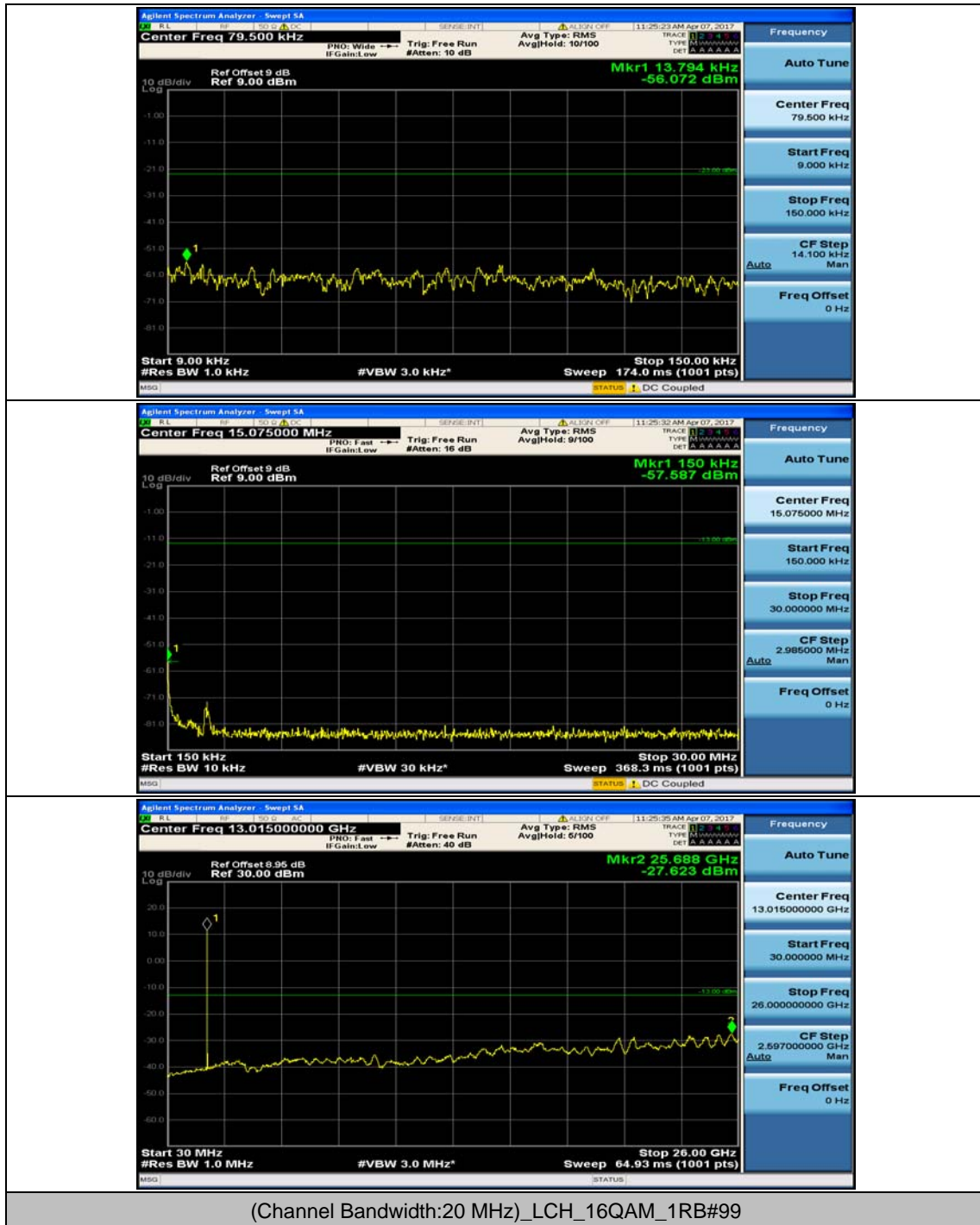


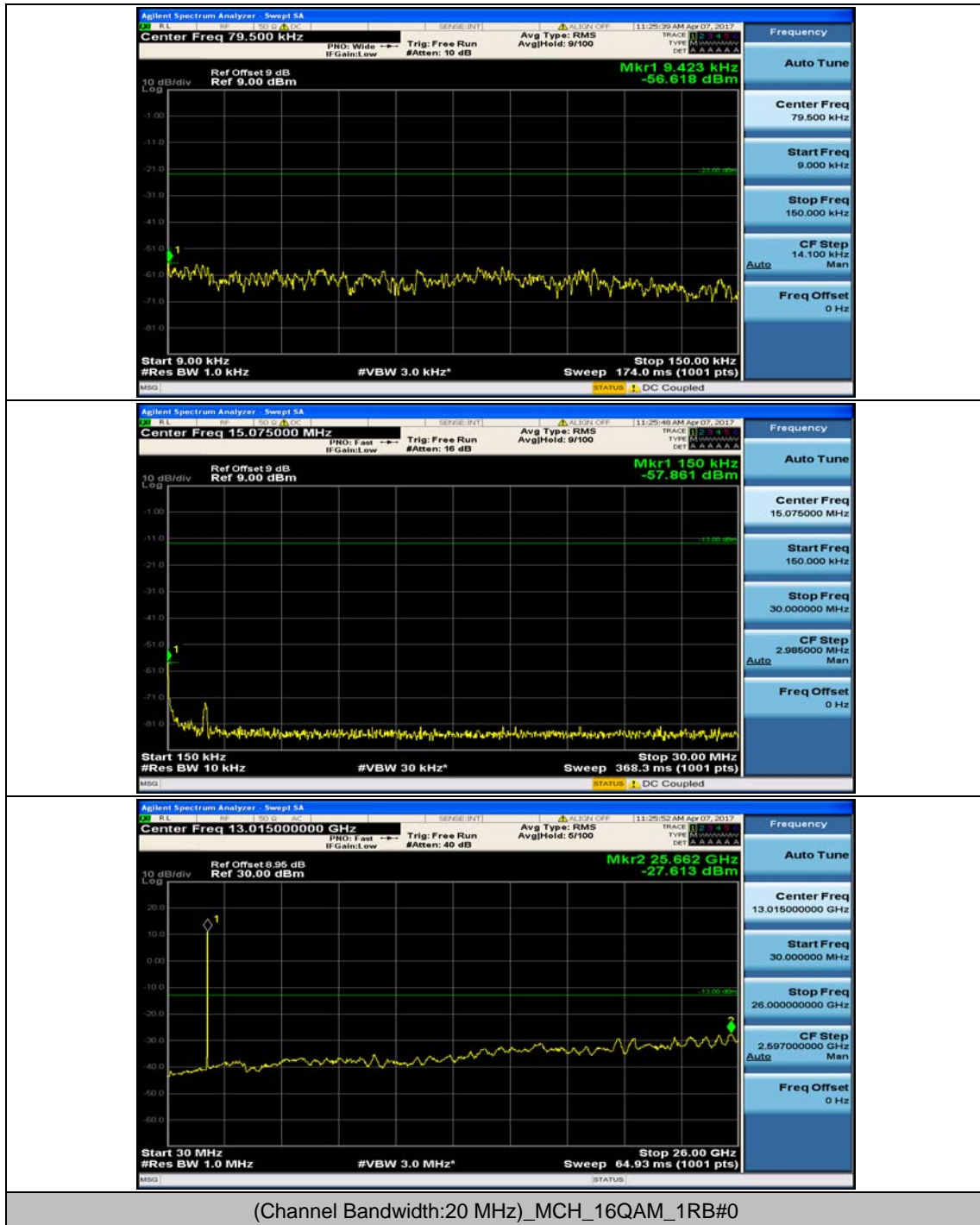


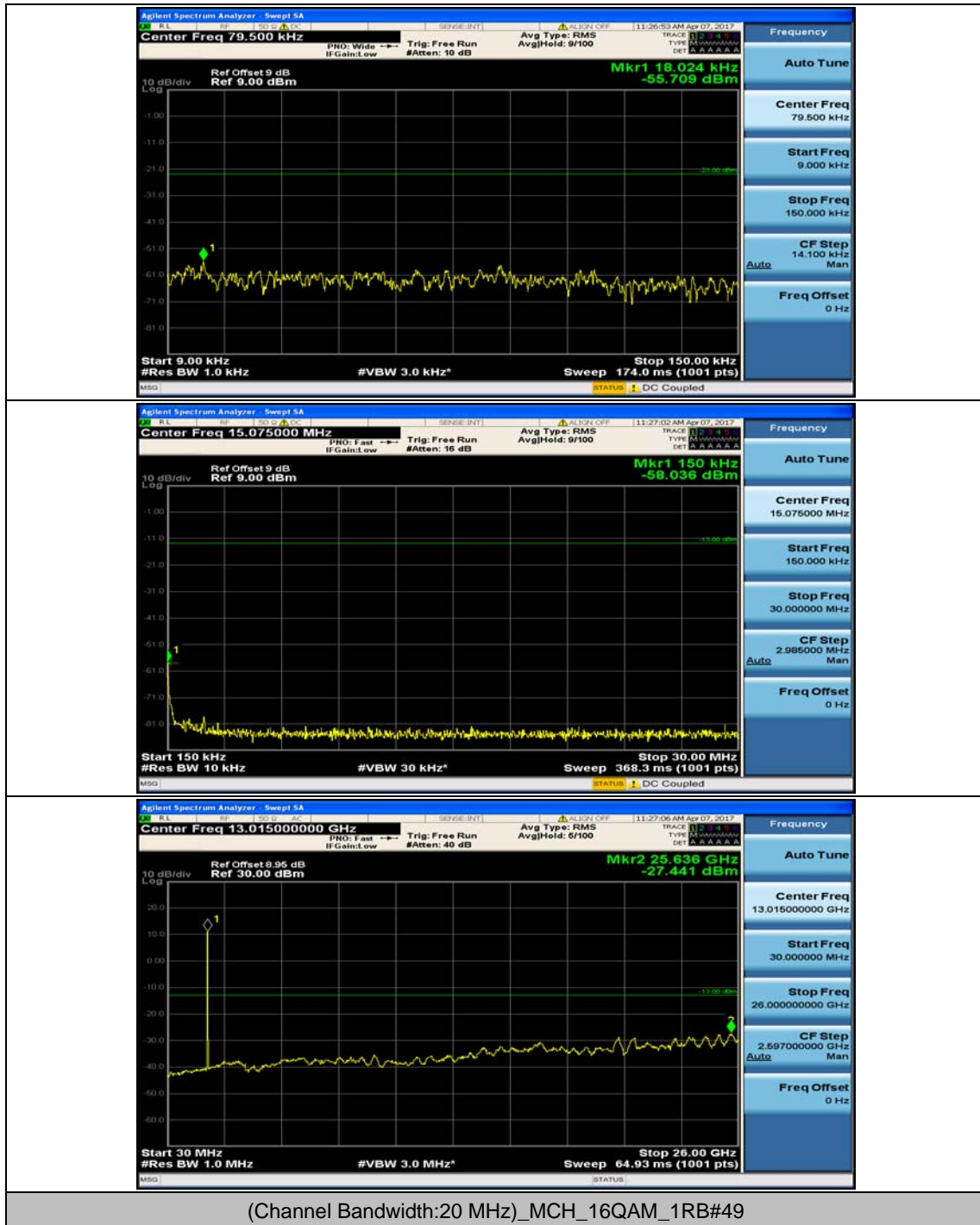


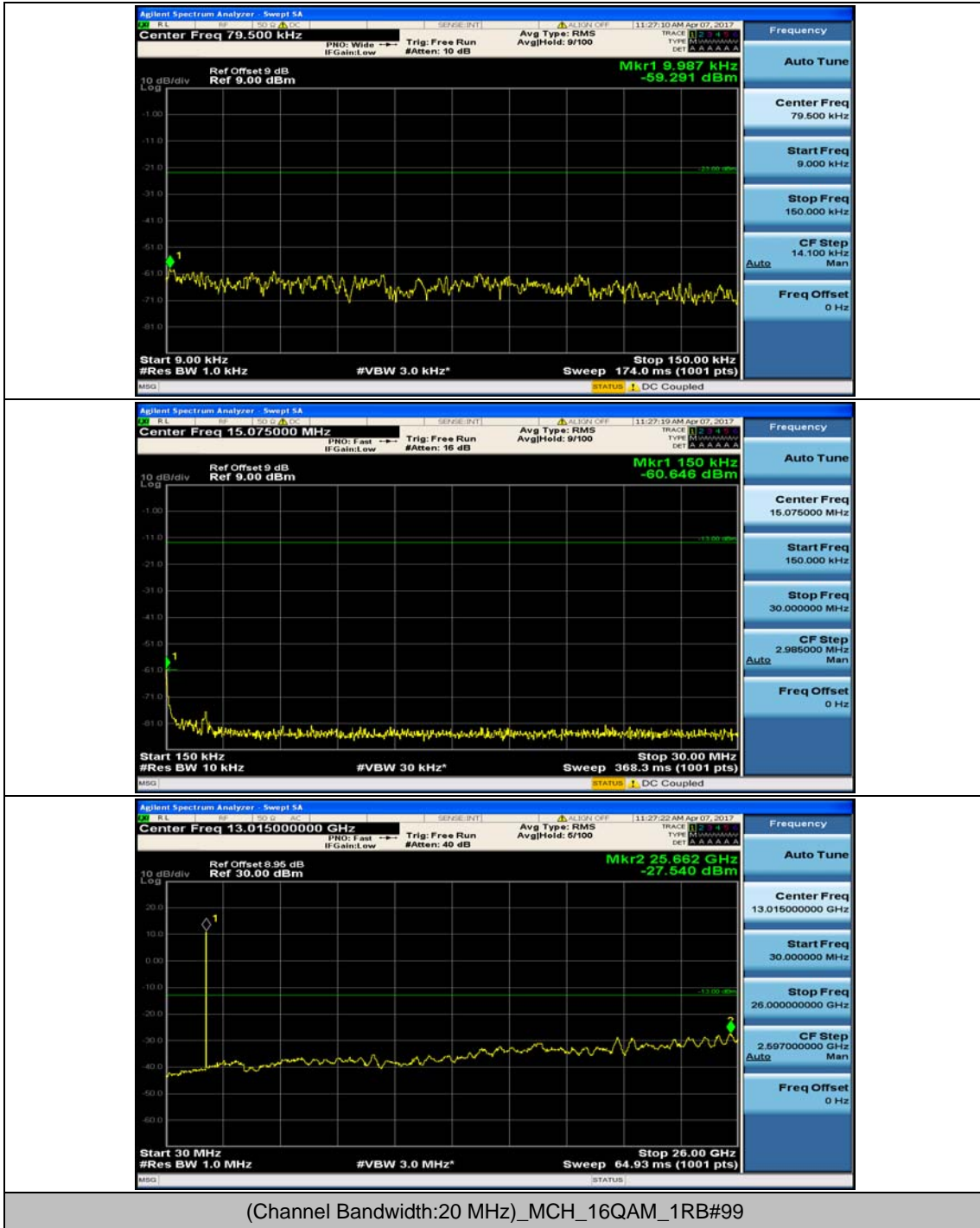


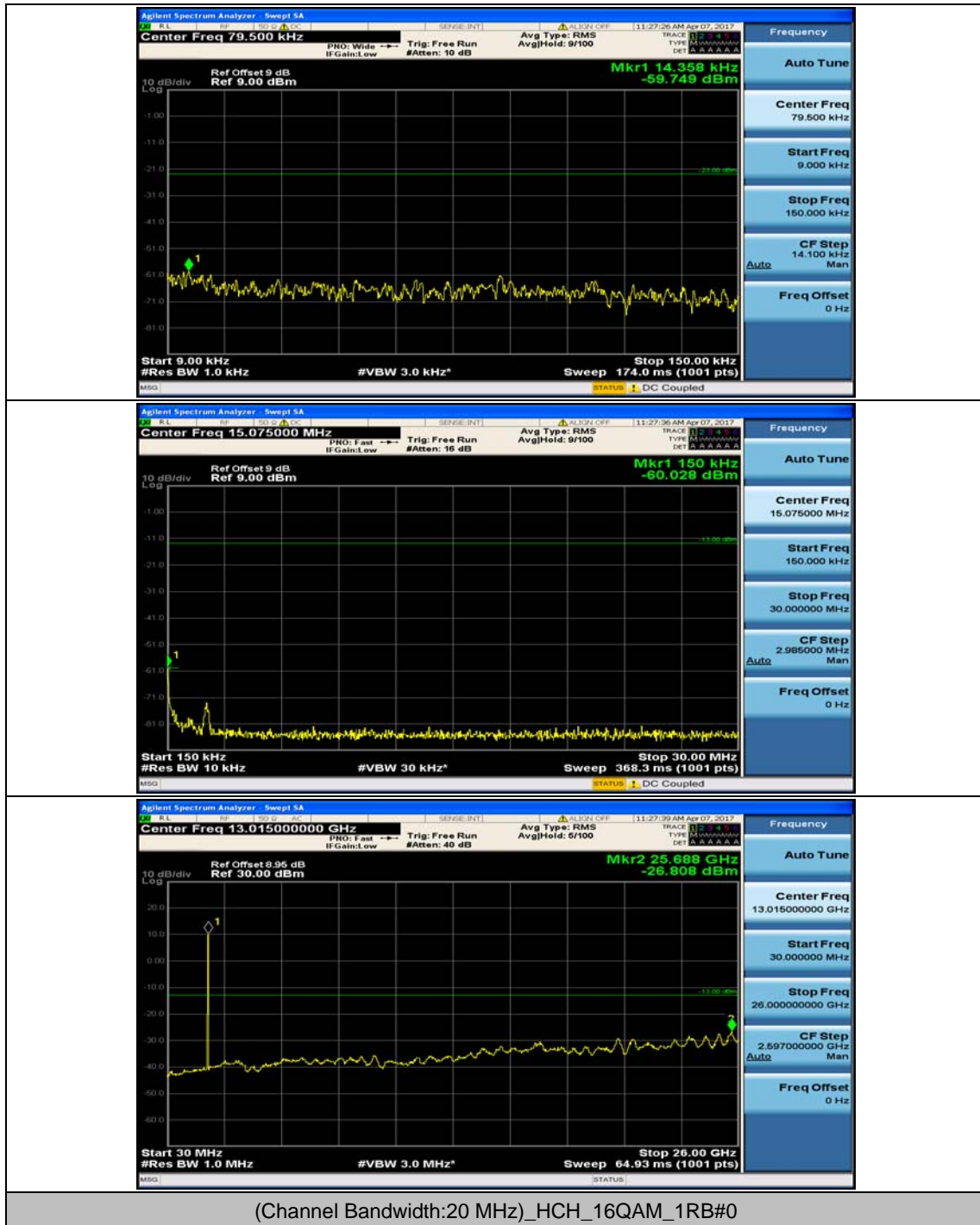


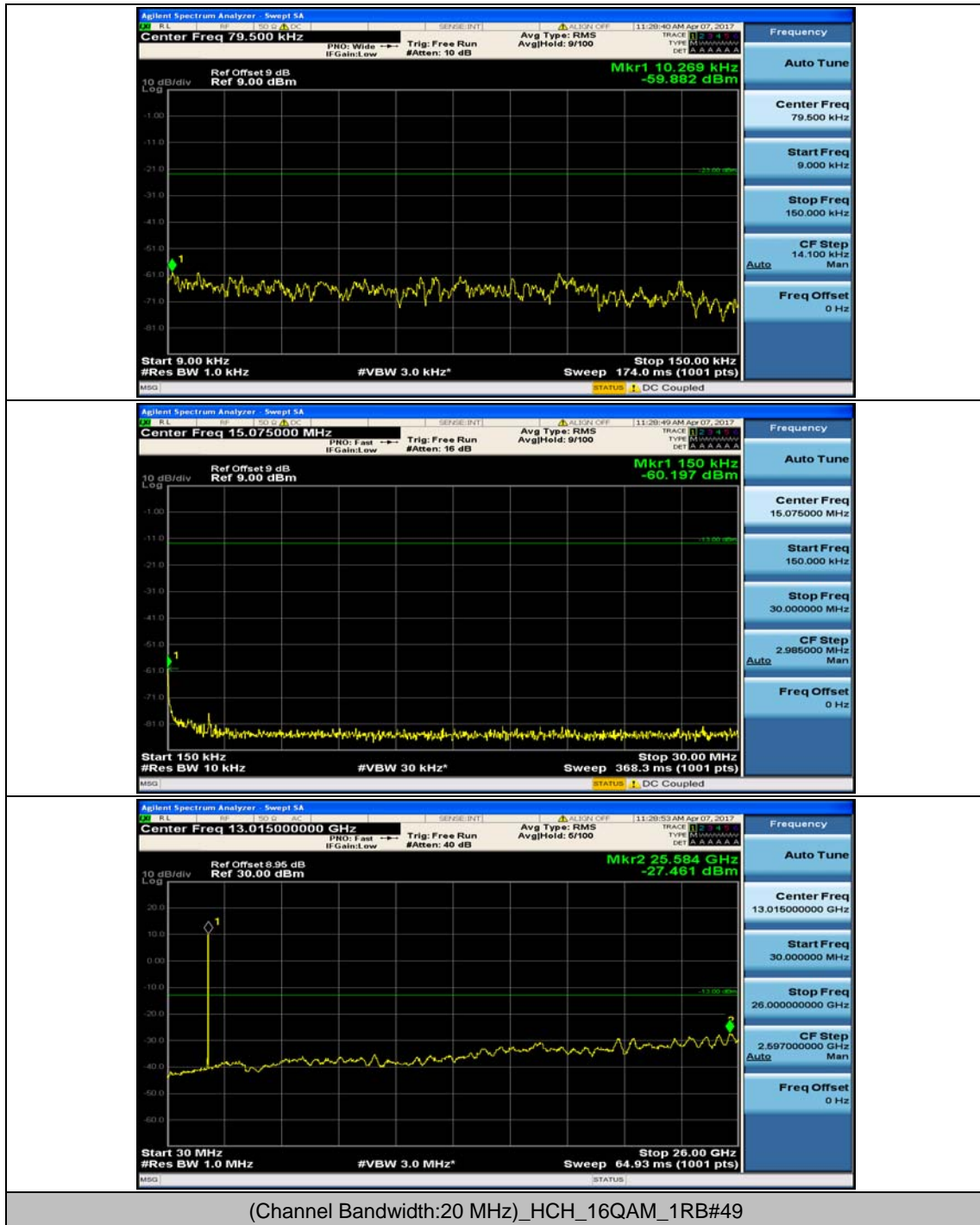


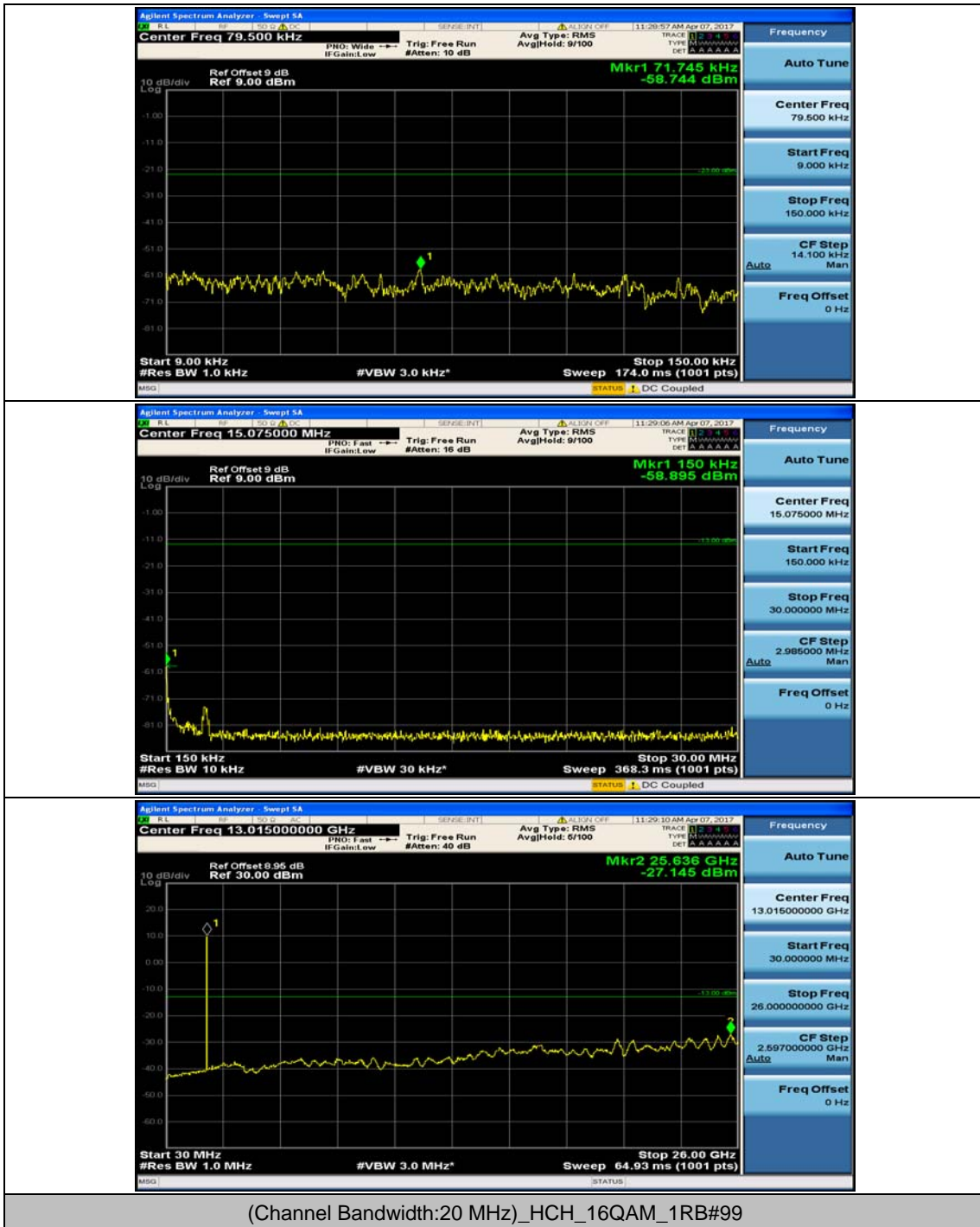


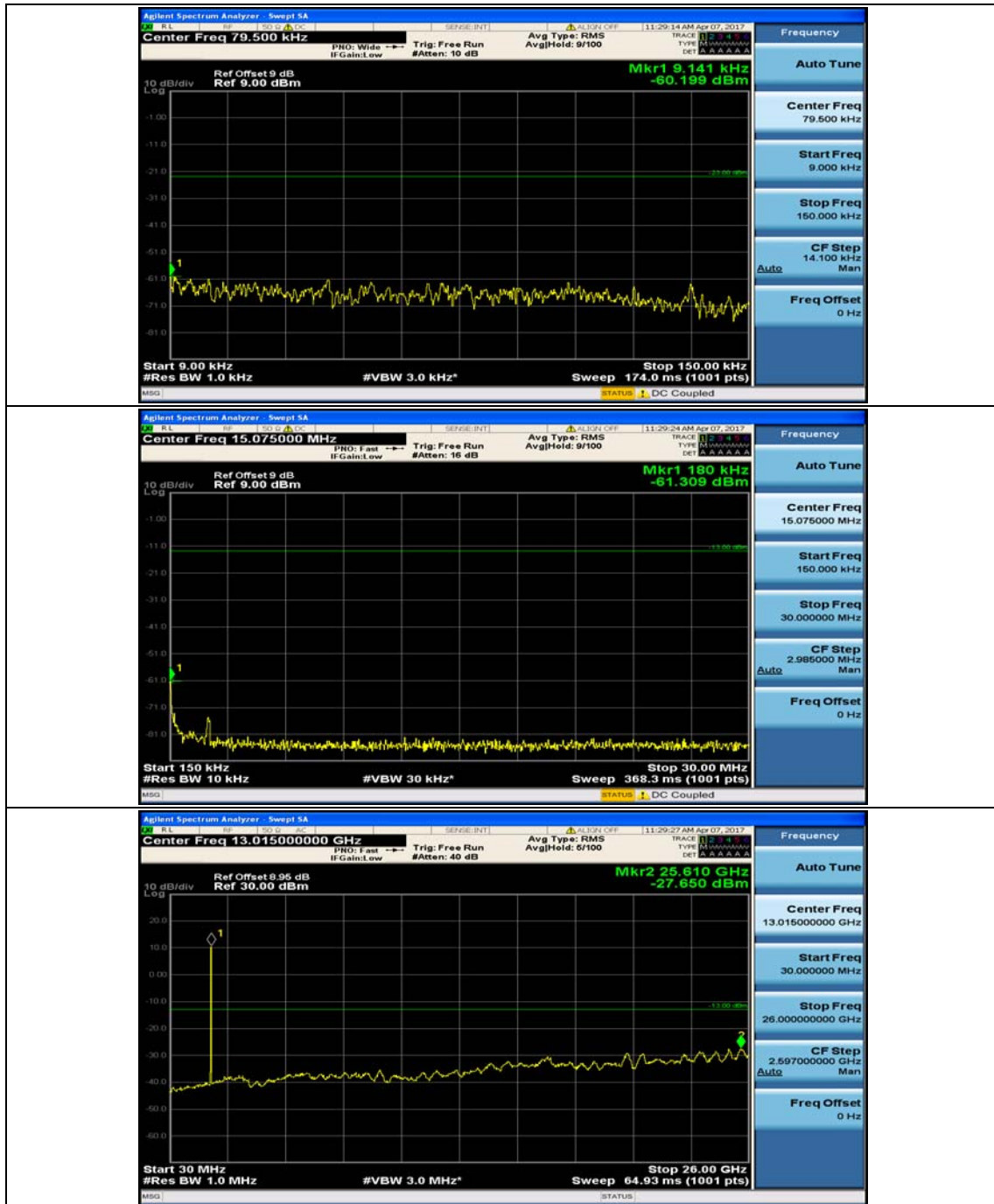












Appendix F: Frequency Stability

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	4.49	0.002426	± 2.5	PASS
		VN	TN	-1.4	-0.000756	± 2.5	PASS
		VH	TN	-1.94	-0.001048	± 2.5	PASS
	MCH	VL	TN	1.39	0.000739	± 2.5	PASS
		VN	TN	-1.68	-0.000894	± 2.5	PASS
		VH	TN	1.89	0.001005	± 2.5	PASS
	HCH	VL	TN	-1.76	-0.000922	± 2.5	PASS
		VN	TN	4.11	0.002153	± 2.5	PASS
		VH	TN	2.97	0.001556	± 2.5	PASS
16QAM	LCH	VL	TN	-1.71	-0.000924	± 2.5	PASS
		VN	TN	1.13	0.000611	± 2.5	PASS
		VH	TN	4.56	0.002464	± 2.5	PASS
	MCH	VL	TN	4.15	0.002207	± 2.5	PASS
		VN	TN	-1.69	-0.000899	± 2.5	PASS
		VH	TN	-1.57	-0.000835	± 2.5	PASS
	HCH	VL	TN	-0.69	-0.000361	± 2.5	PASS
		VN	TN	1.12	0.000587	± 2.5	PASS
		VH	TN	1.69	0.000885	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.95	-0.001054	± 2.5	PASS
		VN	-20	-0.45	-0.000243	± 2.5	PASS
		VN	-10	-1.56	-0.000843	± 2.5	PASS
		VN	0	0.19	0.000103	± 2.5	PASS
		VN	10	3.78	0.002042	± 2.5	PASS
		VN	20	-0.47	-0.000254	± 2.5	PASS
		VN	30	4.62	0.002496	± 2.5	PASS
		VN	40	1.04	0.000562	± 2.5	PASS
	MCH	VN	-30	4.23	0.002250	± 2.5	PASS
		VN	-20	4.02	0.002138	± 2.5	PASS

		VN	-10	-1.72	-0.000915	± 2.5	PASS	
		VN	0	2.73	0.001452	± 2.5	PASS	
		VN	10	3.85	0.002048	± 2.5	PASS	
		VN	20	3.83	0.002037	± 2.5	PASS	
		VN	30	4.72	0.002511	± 2.5	PASS	
		VN	40	-0.06	-0.000032	± 2.5	PASS	
		VN	50	4.07	0.002165	± 2.5	PASS	
	HCH	VN	-30	2.09	0.001095	± 2.5	PASS	
		VN	-20	-1.42	-0.000744	± 2.5	PASS	
		VN	-10	2.79	0.001461	± 2.5	PASS	
		VN	0	-0.17	-0.000089	± 2.5	PASS	
		VN	10	3.91	0.002048	± 2.5	PASS	
		VN	20	4.42	0.002315	± 2.5	PASS	
		VN	30	-1.92	-0.001006	± 2.5	PASS	
	16QAM	LCH	VN	40	-0.9	-0.000471	± 2.5	PASS
			VN	50	-0.75	-0.000393	± 2.5	PASS
			VN	-30	4.73	0.002556	± 2.5	PASS
			VN	-20	4.15	0.002242	± 2.5	PASS
VN			-10	3.94	0.002129	± 2.5	PASS	
VN			0	1.9	0.001027	± 2.5	PASS	
VN			10	3.46	0.001870	± 2.5	PASS	
VN			20	2.74	0.001481	± 2.5	PASS	
VN			30	-1.75	-0.000946	± 2.5	PASS	
MCH		VN	40	1.37	0.000740	± 2.5	PASS	
		VN	50	-0.34	-0.000184	± 2.5	PASS	
		VN	-30	4.35	0.002314	± 2.5	PASS	
		VN	-20	3.91	0.002080	± 2.5	PASS	
		VN	-10	3.69	0.001963	± 2.5	PASS	
		VN	0	-1.27	-0.000676	± 2.5	PASS	
		VN	10	-1.95	-0.001037	± 2.5	PASS	
		VN	20	1.3	0.000691	± 2.5	PASS	
		VN	30	3.08	0.001638	± 2.5	PASS	
HCH	VN	40	4.31	0.002293	± 2.5	PASS		
	VN	50	3.51	0.001867	± 2.5	PASS		
	VN	-30	4.99	0.002614	± 2.5	PASS		
	VN	-20	3.2	0.001676	± 2.5	PASS		
	VN	-10	-0.41	-0.000215	± 2.5	PASS		
	VN	0	-1.65	-0.000864	± 2.5	PASS		
	VN	10	-0.01	-0.000005	± 2.5	PASS		
VN	20	3.4	0.001781	± 2.5	PASS			
VN	30	2.44	0.001278	± 2.5	PASS			

		VN	40	4.54	0.002378	± 2.5	PASS
		VN	50	3.83	0.002006	± 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	1.26	0.000681	± 2.5	PASS
		VN	TN	-1.63	-0.000880	± 2.5	PASS
		VH	TN	0.61	0.000329	± 2.5	PASS
	MCH	VL	TN	-0.42	-0.000223	± 2.5	PASS
		VN	TN	0.72	0.000383	± 2.5	PASS
		VH	TN	3.21	0.001707	± 2.5	PASS
	HCH	VL	TN	2.57	0.001347	± 2.5	PASS
		VN	TN	-1.89	-0.000990	± 2.5	PASS
		VH	TN	1.08	0.000566	± 2.5	PASS
16QAM	LCH	VL	TN	-0.59	-0.000319	± 2.5	PASS
		VN	TN	-0.65	-0.000351	± 2.5	PASS
		VH	TN	0.35	0.000189	± 2.5	PASS
	MCH	VL	TN	-1.55	-0.000824	± 2.5	PASS
		VN	TN	3.24	0.001723	± 2.5	PASS
		VH	TN	2.37	0.001261	± 2.5	PASS
	HCH	VL	TN	0.18	0.000094	± 2.5	PASS
		VN	TN	0.4	0.000210	± 2.5	PASS
		VH	TN	1.36	0.000713	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	2.76	0.001491	± 2.5	PASS
		VN	-20	2.88	0.001555	± 2.5	PASS
		VN	-10	2.81	0.001518	± 2.5	PASS
		VN	0	2.6	0.001404	± 2.5	PASS
		VN	10	0.38	0.000205	± 2.5	PASS
		VN	20	3.27	0.001766	± 2.5	PASS
		VN	30	1.09	0.000589	± 2.5	PASS
		VN	40	-0.87	-0.000470	± 2.5	PASS
		VN	50	0.95	0.000513	± 2.5	PASS
	MCH	VN	-30	-0.44	-0.000234	± 2.5	PASS
		VN	-20	3.74	0.001989	± 2.5	PASS
		VN	-10	2.14	0.001138	± 2.5	PASS

		VN	0	1.38	0.000734	± 2.5	PASS		
		VN	10	1.34	0.000713	± 2.5	PASS		
		VN	20	4.1	0.002181	± 2.5	PASS		
		VN	30	0.53	0.000282	± 2.5	PASS		
		VN	40	2.1	0.001117	± 2.5	PASS		
		VN	50	-1.28	-0.000681	± 2.5	PASS		
	HCH	VN	-30	2.07	0.001085	± 2.5	PASS		
		VN	-20	-1.17	-0.000613	± 2.5	PASS		
		VN	-10	-1.39	-0.000728	± 2.5	PASS		
		VN	0	1.72	0.000901	± 2.5	PASS		
		VN	10	2.64	0.001383	± 2.5	PASS		
		VN	20	4.79	0.002510	± 2.5	PASS		
		VN	30	-1.86	-0.000975	± 2.5	PASS		
		VN	40	1.31	0.000686	± 2.5	PASS		
		VN	50	2.58	0.001352	± 2.5	PASS		
		16QAM	LCH	VN	-30	3.96	0.002139	± 2.5	PASS
				VN	-20	2.63	0.001420	± 2.5	PASS
				VN	-10	1.14	0.000616	± 2.5	PASS
VN	0			2.81	0.001518	± 2.5	PASS		
VN	10			3.48	0.001880	± 2.5	PASS		
VN	20			4.19	0.002263	± 2.5	PASS		
VN	30			-0.71	-0.000383	± 2.5	PASS		
VN	40			4.82	0.002603	± 2.5	PASS		
VN	50			3.23	0.001745	± 2.5	PASS		
MCH	VN		-30	4.38	0.002330	± 2.5	PASS		
	VN		-20	2.35	0.001250	± 2.5	PASS		
	VN		-10	1.02	0.000543	± 2.5	PASS		
	VN		0	0.11	0.000059	± 2.5	PASS		
	VN		10	-1.62	-0.000862	± 2.5	PASS		
	VN		20	0.92	0.000489	± 2.5	PASS		
	VN		30	2.9	0.001543	± 2.5	PASS		
	VN		40	2.11	0.001122	± 2.5	PASS		
	VN		50	2.8	0.001489	± 2.5	PASS		
HCH	VN		-30	0.33	0.000173	± 2.5	PASS		
	VN		-20	3.62	0.001897	± 2.5	PASS		
	VN		-10	-1.46	-0.000765	± 2.5	PASS		
	VN		0	4.86	0.002547	± 2.5	PASS		
	VN		10	1.19	0.000624	± 2.5	PASS		
	VN		20	-0.07	-0.000037	± 2.5	PASS		
	VN		30	3	0.001572	± 2.5	PASS		
	VN		40	-1.6	-0.000838	± 2.5	PASS		

		VN	50	4.07	0.002133	± 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	1.35	0.000729	± 2.5	PASS
		VN	TN	0.33	0.000178	± 2.5	PASS
		VH	TN	0.33	0.000178	± 2.5	PASS
	MCH	VL	TN	3.41	0.001814	± 2.5	PASS
		VN	TN	2.13	0.001133	± 2.5	PASS
		VH	TN	-1.23	-0.000654	± 2.5	PASS
	HCH	VL	TN	-1.09	-0.000571	± 2.5	PASS
		VN	TN	3.74	0.001961	± 2.5	PASS
		VH	TN	2.32	0.001216	± 2.5	PASS
16QAM	LCH	VL	TN	-1.45	-0.000783	± 2.5	PASS
		VN	TN	2.85	0.001538	± 2.5	PASS
		VH	TN	2.67	0.001441	± 2.5	PASS
	MCH	VL	TN	3.27	0.001739	± 2.5	PASS
		VN	TN	-1.33	-0.000707	± 2.5	PASS
		VH	TN	0.95	0.000505	± 2.5	PASS
	HCH	VL	TN	-0.22	-0.000115	± 2.5	PASS
		VN	TN	3.63	0.001903	± 2.5	PASS
		VH	TN	0.08	0.000042	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	2.91	0.001571	± 2.5	PASS
		VN	-20	2.89	0.001560	± 2.5	PASS
		VN	-10	1.68	0.000907	± 2.5	PASS
		VN	0	0.22	0.000119	± 2.5	PASS
		VN	10	2.58	0.001393	± 2.5	PASS
		VN	20	3.46	0.001868	± 2.5	PASS
		VN	30	3.85	0.002078	± 2.5	PASS
		VN	40	4.91	0.002650	± 2.5	PASS
		VN	50	-1.15	-0.000621	± 2.5	PASS
	MCH	VN	-30	1.39	0.000739	± 2.5	PASS
		VN	-20	0.68	0.000362	± 2.5	PASS
		VN	-10	0.57	0.000303	± 2.5	PASS
		VN	0	4.59	0.002441	± 2.5	PASS

		VN	10	1	0.000532	± 2.5	PASS
		VN	20	3.65	0.001941	± 2.5	PASS
		VN	30	2.01	0.001069	± 2.5	PASS
		VN	40	3.37	0.001793	± 2.5	PASS
		VN	50	0.16	0.000085	± 2.5	PASS
	HCH	VN	-30	0.95	0.000498	± 2.5	PASS
		VN	-20	2.86	0.001499	± 2.5	PASS
		VN	-10	-1.99	-0.001043	± 2.5	PASS
		VN	0	0.06	0.000031	± 2.5	PASS
		VN	10	3.27	0.001714	± 2.5	PASS
		VN	20	2.55	0.001337	± 2.5	PASS
		VN	30	-1.97	-0.001033	± 2.5	PASS
		VN	40	4.79	0.002511	± 2.5	PASS
		VN	50	1.31	0.000687	± 2.5	PASS
		16QAM	LCH	VN	-30	4.32	0.002332
VN	-20			-0.77	-0.000416	± 2.5	PASS
VN	-10			-1.84	-0.000993	± 2.5	PASS
VN	0			-0.38	-0.000205	± 2.5	PASS
VN	10			1.9	0.001026	± 2.5	PASS
VN	20			3.99	0.002154	± 2.5	PASS
VN	30			-1.71	-0.000923	± 2.5	PASS
VN	40			0.13	0.000070	± 2.5	PASS
VN	50			2.67	0.001441	± 2.5	PASS
MCH	VN		-30	2.94	0.001564	± 2.5	PASS
	VN		-20	0.69	0.000367	± 2.5	PASS
	VN		-10	4.79	0.002548	± 2.5	PASS
	VN		0	-0.74	-0.000394	± 2.5	PASS
	VN		10	-1.68	-0.000894	± 2.5	PASS
	VN		20	0.15	0.000080	± 2.5	PASS
	VN		30	-1.53	-0.000814	± 2.5	PASS
	VN		40	4.66	0.002479	± 2.5	PASS
	VN		50	1.77	0.000941	± 2.5	PASS
HCH	VN		-30	3.38	0.001772	± 2.5	PASS
	VN		-20	4.68	0.002453	± 2.5	PASS
	VN		-10	-0.9	-0.000472	± 2.5	PASS
	VN		0	0.4	0.000210	± 2.5	PASS
	VN		10	0.43	0.000225	± 2.5	PASS
	VN		20	4.61	0.002417	± 2.5	PASS
	VN		30	0.43	0.000225	± 2.5	PASS
	VN		40	0.14	0.000073	± 2.5	PASS
	VN		50	4.79	0.002511	± 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	-0.36	-0.000194	± 2.5	PASS
		VN	TN	3.22	0.001736	± 2.5	PASS
		VH	TN	4.23	0.002280	± 2.5	PASS
	MCH	VL	TN	2.74	0.001457	± 2.5	PASS
		VN	TN	4.2	0.002234	± 2.5	PASS
		VH	TN	4.23	0.002250	± 2.5	PASS
	HCH	VL	TN	1.76	0.000924	± 2.5	PASS
		VN	TN	-1.37	-0.000719	± 2.5	PASS
		VH	TN	3.1	0.001627	± 2.5	PASS
16QAM	LCH	VL	TN	2.06	0.001111	± 2.5	PASS
		VN	TN	0.14	0.000075	± 2.5	PASS
		VH	TN	3.49	0.001881	± 2.5	PASS
	MCH	VL	TN	0.95	0.000505	± 2.5	PASS
		VN	TN	-0.5	-0.000266	± 2.5	PASS
		VH	TN	4.15	0.002207	± 2.5	PASS
	HCH	VL	TN	0.47	0.000247	± 2.5	PASS
		VN	TN	-1.73	-0.000908	± 2.5	PASS
		VH	TN	-0.02	-0.000010	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
16QAM	LCH	VN	-30	1.13	0.000609	± 2.5	PASS
		VN	-20	1.74	0.000938	± 2.5	PASS
		VN	-10	-1.62	-0.000873	± 2.5	PASS
		VN	0	0.81	0.000437	± 2.5	PASS
		VN	10	2.88	0.001553	± 2.5	PASS
		VN	20	2.55	0.001375	± 2.5	PASS
		VN	30	-0.14	-0.000075	± 2.5	PASS
		VN	40	-1.87	-0.001008	± 2.5	PASS
		VN	50	0.13	0.000070	± 2.5	PASS
	MCH	VN	-30	3.83	0.002037	± 2.5	PASS
		VN	-20	3.02	0.001606	± 2.5	PASS
		VN	-10	2.19	0.001165	± 2.5	PASS
		VN	0	4.05	0.002154	± 2.5	PASS
		VN	10	1.14	0.000606	± 2.5	PASS
		VN	20	-0.67	-0.000356	± 2.5	PASS

		VN	30	1.8	0.000957	± 2.5	PASS
		VN	40	3.38	0.001798	± 2.5	PASS
		VN	50	4.62	0.002457	± 2.5	PASS
	HCH	VN	-30	4.88	0.002562	± 2.5	PASS
		VN	-20	4.34	0.002278	± 2.5	PASS
		VN	-10	4.59	0.002409	± 2.5	PASS
		VN	0	1.68	0.000882	± 2.5	PASS
		VN	10	-0.79	-0.000415	± 2.5	PASS
		VN	20	-1.39	-0.000730	± 2.5	PASS
		VN	30	-0.54	-0.000283	± 2.5	PASS
		VN	40	0.47	0.000247	± 2.5	PASS
		VN	50	-1.37	-0.000719	± 2.5	PASS
QPSK	LCH	VN	-30	3.34	0.001801	± 2.5	PASS
		VN	-20	1.36	0.000733	± 2.5	PASS
		VN	-10	4.27	0.002302	± 2.5	PASS
		VN	0	2.3	0.001240	± 2.5	PASS
		VN	10	3.45	0.001860	± 2.5	PASS
		VN	20	3.52	0.001898	± 2.5	PASS
		VN	30	-0.33	-0.000178	± 2.5	PASS
		VN	40	3.77	0.002032	± 2.5	PASS
		VN	50	-1.52	-0.000819	± 2.5	PASS
	MCH	VN	-30	3.84	0.002043	± 2.5	PASS
		VN	-20	4.66	0.002479	± 2.5	PASS
		VN	-10	0.77	0.000410	± 2.5	PASS
		VN	0	0.05	0.000027	± 2.5	PASS
		VN	10	-1.37	-0.000729	± 2.5	PASS
		VN	20	4.66	0.002479	± 2.5	PASS
		VN	30	3.77	0.002005	± 2.5	PASS
		VN	40	0.67	0.000356	± 2.5	PASS
		VN	50	1.31	0.000697	± 2.5	PASS
	HCH	VN	-30	2.71	0.001423	± 2.5	PASS
		VN	-20	4.03	0.002115	± 2.5	PASS
		VN	-10	4.19	0.002199	± 2.5	PASS
		VN	0	1.51	0.000793	± 2.5	PASS
		VN	10	3.37	0.001769	± 2.5	PASS
		VN	20	2.71	0.001423	± 2.5	PASS
		VN	30	3.82	0.002005	± 2.5	PASS
		VN	40	-1.45	-0.000761	± 2.5	PASS
		VN	50	-0.13	-0.000068	± 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	3.98	0.002143	± 2.5	PASS
		VN	TN	3.77	0.002030	± 2.5	PASS
		VH	TN	-1.36	-0.000732	± 2.5	PASS
	MCH	VL	TN	-1.48	-0.000787	± 2.5	PASS
		VN	TN	-1.54	-0.000819	± 2.5	PASS
		VH	TN	4.54	0.002415	± 2.5	PASS
	HCH	VL	TN	1.85	0.000972	± 2.5	PASS
		VN	TN	-1.74	-0.000915	± 2.5	PASS
		VH	TN	-1.35	-0.000710	± 2.5	PASS
16QAM	LCH	VL	TN	3.67	0.001976	± 2.5	PASS
		VN	TN	3.41	0.001836	± 2.5	PASS
		VH	TN	3.57	0.001922	± 2.5	PASS
	MCH	VL	TN	3.08	0.001638	± 2.5	PASS
		VN	TN	3.13	0.001665	± 2.5	PASS
		VH	TN	3.88	0.002064	± 2.5	PASS
	HCH	VL	TN	3.23	0.001698	± 2.5	PASS
		VN	TN	-0.41	-0.000216	± 2.5	PASS
		VH	TN	0.4	0.000210	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.42	-0.000764	± 2.5	PASS
		VN	-20	1.73	0.000931	± 2.5	PASS
		VN	-10	2.99	0.001610	± 2.5	PASS
		VN	0	0.09	0.000048	± 2.5	PASS
		VN	10	0.77	0.000415	± 2.5	PASS
		VN	20	0.74	0.000398	± 2.5	PASS
		VN	30	-1.02	-0.000549	± 2.5	PASS
		VN	40	-0.61	-0.000328	± 2.5	PASS
		VN	50	-1.51	-0.000813	± 2.5	PASS
	MCH	VN	-30	-1.89	-0.001005	± 2.5	PASS
		VN	-20	1.26	0.000670	± 2.5	PASS
		VN	-10	-1.64	-0.000872	± 2.5	PASS
		VN	0	1.33	0.000707	± 2.5	PASS
		VN	10	2.76	0.001468	± 2.5	PASS
		VN	20	0.34	0.000181	± 2.5	PASS

		VN	30	0.09	0.000048	± 2.5	PASS
		VN	40	2.2	0.001170	± 2.5	PASS
		VN	50	0.01	0.000005	± 2.5	PASS
	HCH	VN	-30	2.62	0.001377	± 2.5	PASS
		VN	-20	-1.37	-0.000720	± 2.5	PASS
		VN	-10	1.29	0.000678	± 2.5	PASS
		VN	0	3.09	0.001624	± 2.5	PASS
		VN	10	0.01	0.000005	± 2.5	PASS
		VN	20	3.27	0.001719	± 2.5	PASS
		VN	30	1.59	0.000836	± 2.5	PASS
		VN	40	0.91	0.000478	± 2.5	PASS
		VN	50	3.3	0.001735	± 2.5	PASS
16QAM	LCH	VN	-30	0.9	0.000485	± 2.5	PASS
		VN	-20	0.54	0.000291	± 2.5	PASS
		VN	-10	3.29	0.001771	± 2.5	PASS
		VN	0	4.83	0.002600	± 2.5	PASS
		VN	10	-0.69	-0.000371	± 2.5	PASS
		VN	20	2.87	0.001545	± 2.5	PASS
		VN	30	4.77	0.002568	± 2.5	PASS
		VN	40	-1.5	-0.000808	± 2.5	PASS
		VN	50	-1.16	-0.000624	± 2.5	PASS
	MCH	VN	-30	4.21	0.002239	± 2.5	PASS
		VN	-20	0.28	0.000149	± 2.5	PASS
		VN	-10	0.01	0.000005	± 2.5	PASS
		VN	0	1.47	0.000782	± 2.5	PASS
		VN	10	2.91	0.001548	± 2.5	PASS
		VN	20	1.27	0.000676	± 2.5	PASS
		VN	30	2.49	0.001324	± 2.5	PASS
		VN	40	4.75	0.002527	± 2.5	PASS
		VN	50	2.35	0.001250	± 2.5	PASS
	HCH	VN	-30	-0.63	-0.000331	± 2.5	PASS
		VN	-20	4.91	0.002581	± 2.5	PASS
		VN	-10	4.81	0.002528	± 2.5	PASS
		VN	0	3.45	0.001813	± 2.5	PASS
		VN	10	0.73	0.000384	± 2.5	PASS
		VN	20	-1.88	-0.000988	± 2.5	PASS
		VN	30	4.64	0.002439	± 2.5	PASS
		VN	40	2.74	0.001440	± 2.5	PASS
		VN	50	-0.57	-0.000300	± 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	3.84	0.002065	± 2.5	PASS
		VN	TN	1.23	0.000661	± 2.5	PASS
		VH	TN	2.67	0.001435	± 2.5	PASS
	MCH	VL	TN	2.24	0.001191	± 2.5	PASS
		VN	TN	0.15	0.000080	± 2.5	PASS
		VH	TN	3.09	0.001644	± 2.5	PASS
	HCH	VL	TN	-1.57	-0.000826	± 2.5	PASS
		VN	TN	-0.38	-0.000200	± 2.5	PASS
		VH	TN	-0.39	-0.000205	± 2.5	PASS
16QAM	LCH	VL	TN	3.63	0.001952	± 2.5	PASS
		VN	TN	-0.31	-0.000167	± 2.5	PASS
		VH	TN	3.93	0.002113	± 2.5	PASS
	MCH	VL	TN	4.32	0.002298	± 2.5	PASS
		VN	TN	0.66	0.000351	± 2.5	PASS
		VH	TN	-0.43	-0.000229	± 2.5	PASS
	HCH	VL	TN	2.67	0.001405	± 2.5	PASS
		VN	TN	2.62	0.001379	± 2.5	PASS
		VH	TN	-0.94	-0.000495	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	3.42	0.001839	± 2.5	PASS
		VN	-20	3.62	0.001946	± 2.5	PASS
		VN	-10	-0.53	-0.000285	± 2.5	PASS
		VN	0	1.32	0.000710	± 2.5	PASS
		VN	10	2.98	0.001602	± 2.5	PASS
		VN	20	4.61	0.002478	± 2.5	PASS
		VN	30	-0.83	-0.000446	± 2.5	PASS
		VN	40	0.49	0.000263	± 2.5	PASS
		VN	50	-0.93	-0.000500	± 2.5	PASS
	MCH	VN	-30	2.55	0.001356	± 2.5	PASS
		VN	-20	0.27	0.000144	± 2.5	PASS
		VN	-10	-0.69	-0.000367	± 2.5	PASS
		VN	0	4.72	0.002511	± 2.5	PASS
		VN	10	2.87	0.001527	± 2.5	PASS
		VN	20	2.83	0.001505	± 2.5	PASS

		VN	30	3.13	0.001665	± 2.5	PASS
		VN	40	-1.07	-0.000569	± 2.5	PASS
		VN	50	4.02	0.002138	± 2.5	PASS
	HCH	VN	-30	3.96	0.002084	± 2.5	PASS
		VN	-20	1.44	0.000758	± 2.5	PASS
		VN	-10	4.93	0.002595	± 2.5	PASS
		VN	0	0.9	0.000474	± 2.5	PASS
		VN	10	2.79	0.001468	± 2.5	PASS
		VN	20	0.11	0.000058	± 2.5	PASS
		VN	30	4.9	0.002579	± 2.5	PASS
		VN	40	-0.48	-0.000253	± 2.5	PASS
		VN	50	-1.73	-0.000911	± 2.5	PASS
16QAM	LCH	VN	-30	2.64	0.001419	± 2.5	PASS
		VN	-20	-1.96	-0.001054	± 2.5	PASS
		VN	-10	3.19	0.001715	± 2.5	PASS
		VN	0	0.95	0.000511	± 2.5	PASS
		VN	10	0.07	0.000038	± 2.5	PASS
		VN	20	-0.38	-0.000204	± 2.5	PASS
		VN	30	-1.26	-0.000677	± 2.5	PASS
		VN	40	-0.72	-0.000387	± 2.5	PASS
		VN	50	0.25	0.000134	± 2.5	PASS
	MCH	VN	-30	0.09	0.000048	± 2.5	PASS
		VN	-20	4.36	0.002319	± 2.5	PASS
		VN	-10	0.83	0.000441	± 2.5	PASS
		VN	0	4.32	0.002298	± 2.5	PASS
		VN	10	1.28	0.000681	± 2.5	PASS
		VN	20	-0.35	-0.000186	± 2.5	PASS
		VN	30	1.14	0.000606	± 2.5	PASS
		VN	40	-1.28	-0.000681	± 2.5	PASS
		VN	50	0.73	0.000388	± 2.5	PASS
	HCH	VN	-30	3.56	0.001874	± 2.5	PASS
		VN	-20	2.17	0.001142	± 2.5	PASS
		VN	-10	-0.22	-0.000116	± 2.5	PASS
		VN	0	0.97	0.000511	± 2.5	PASS
		VN	10	2.84	0.001495	± 2.5	PASS
		VN	20	3.14	0.001653	± 2.5	PASS
		VN	30	-1.13	-0.000595	± 2.5	PASS
		VN	40	2.3	0.001211	± 2.5	PASS
		VN	50	2.65	0.001395	± 2.5	PASS