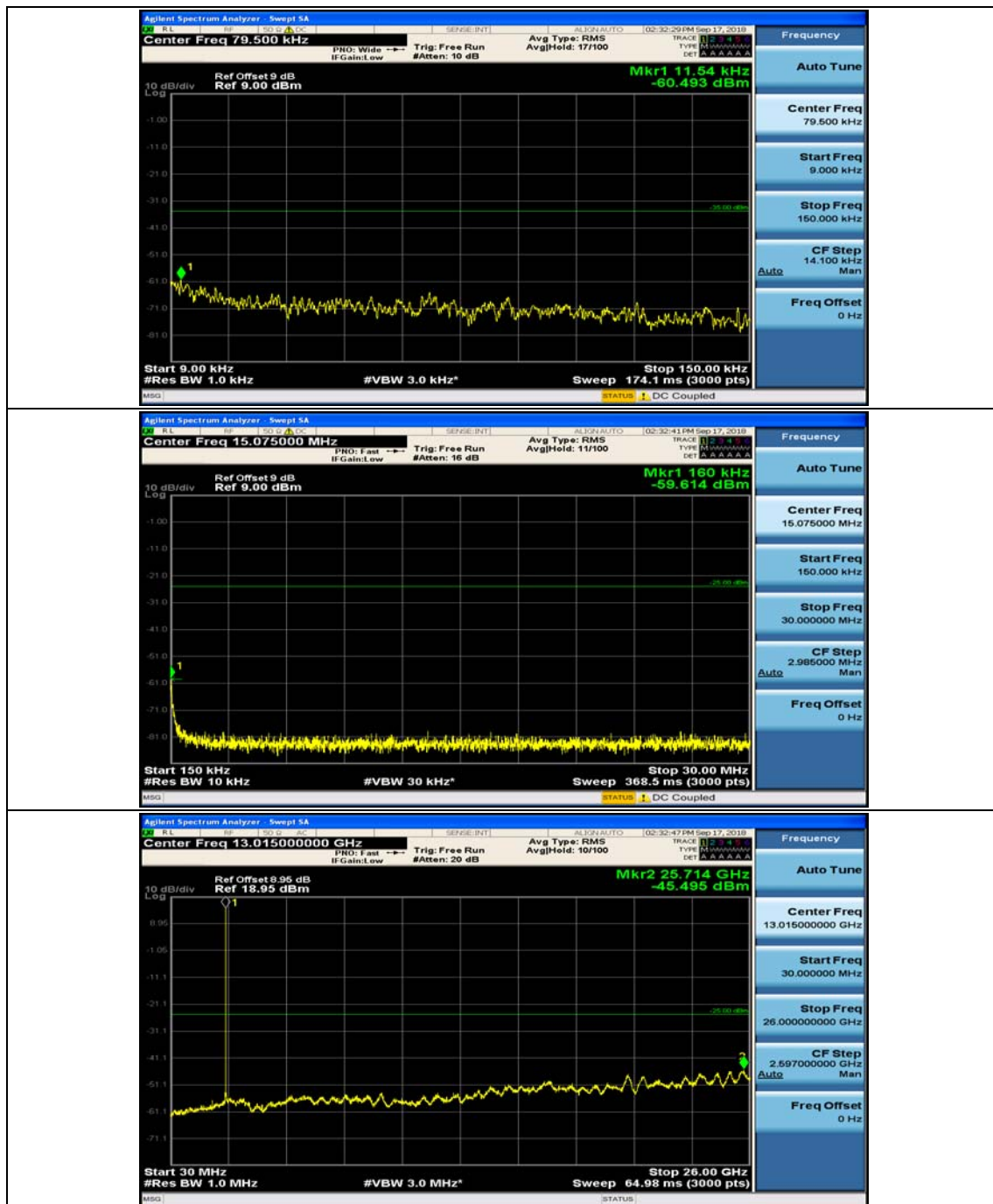
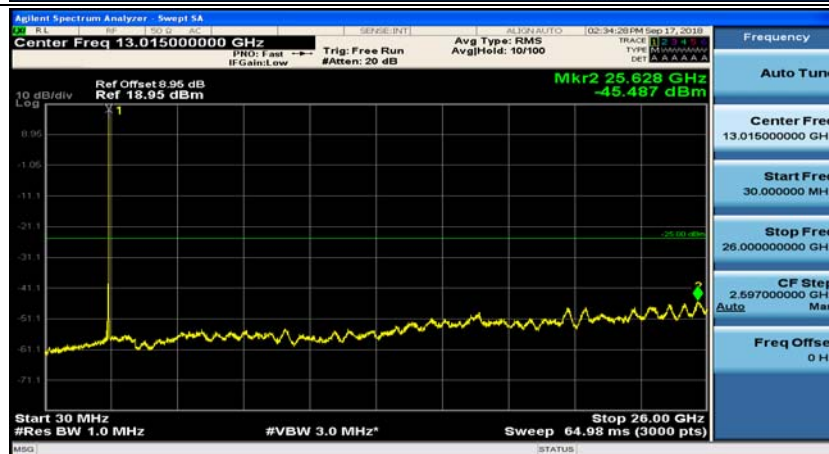
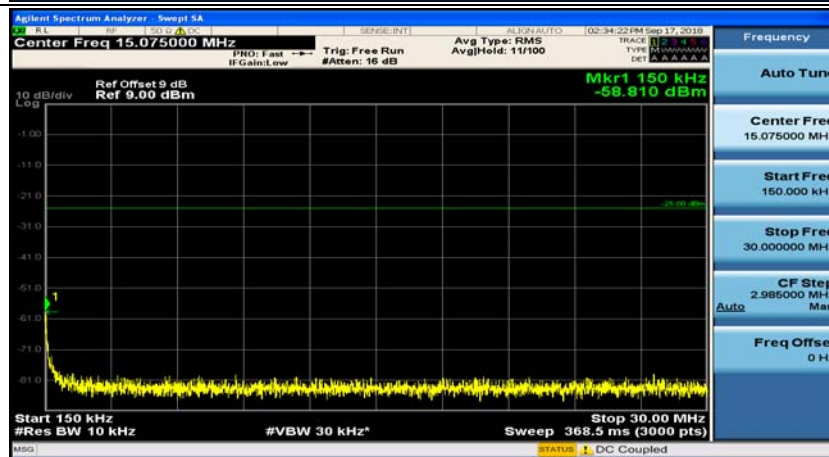
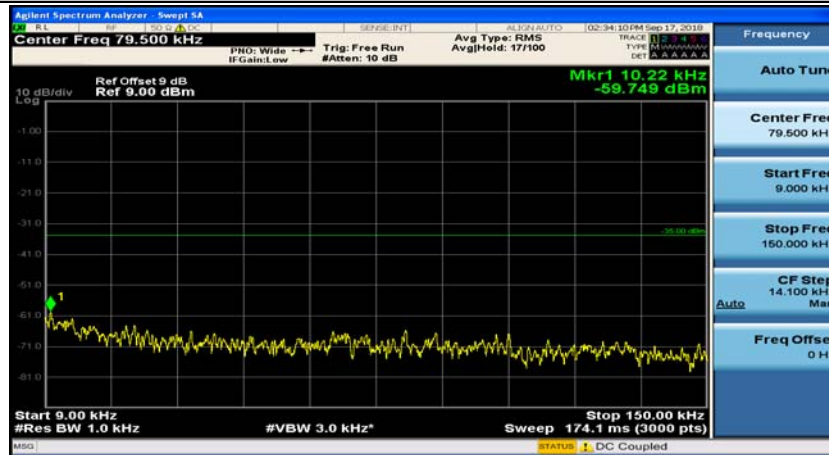
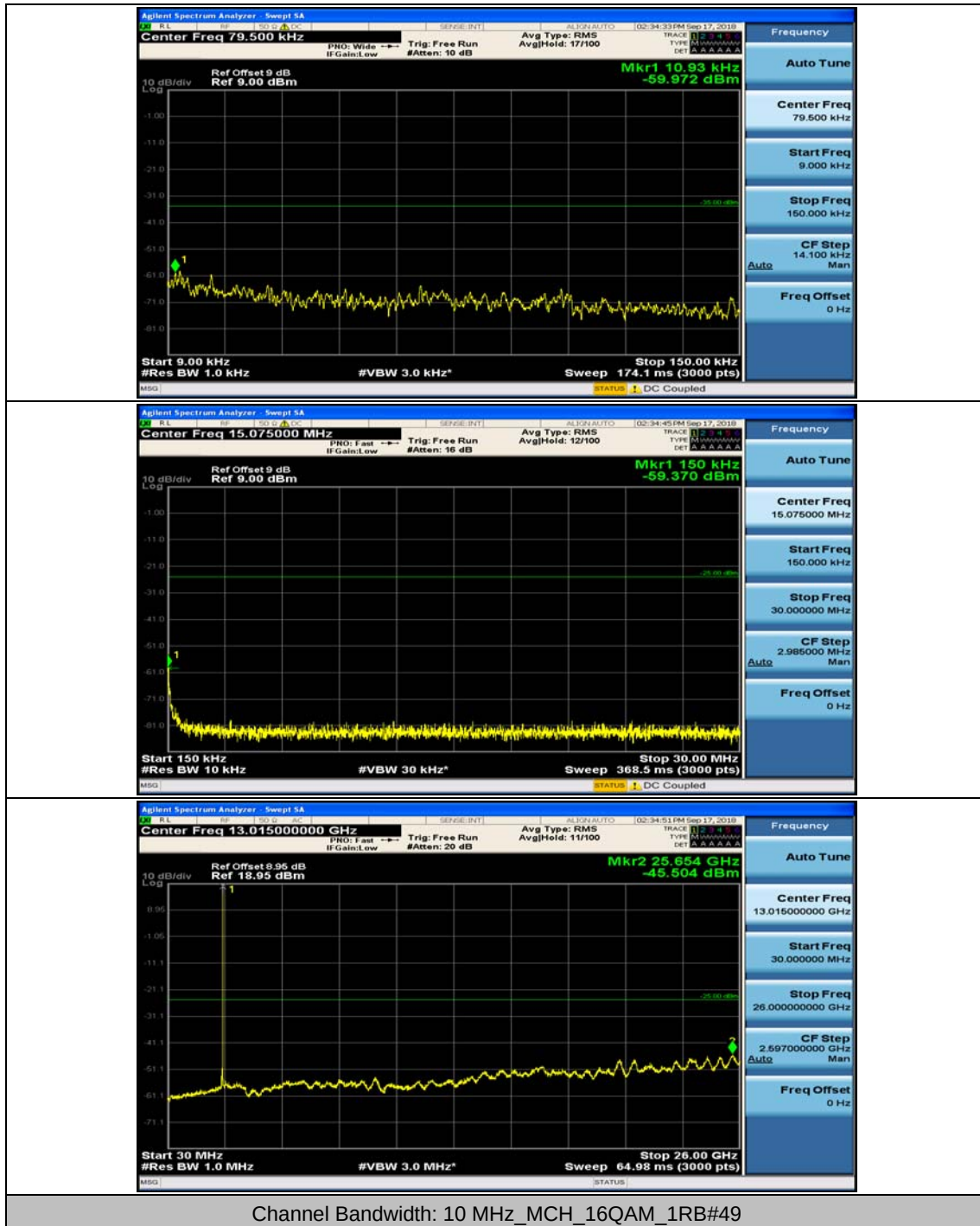


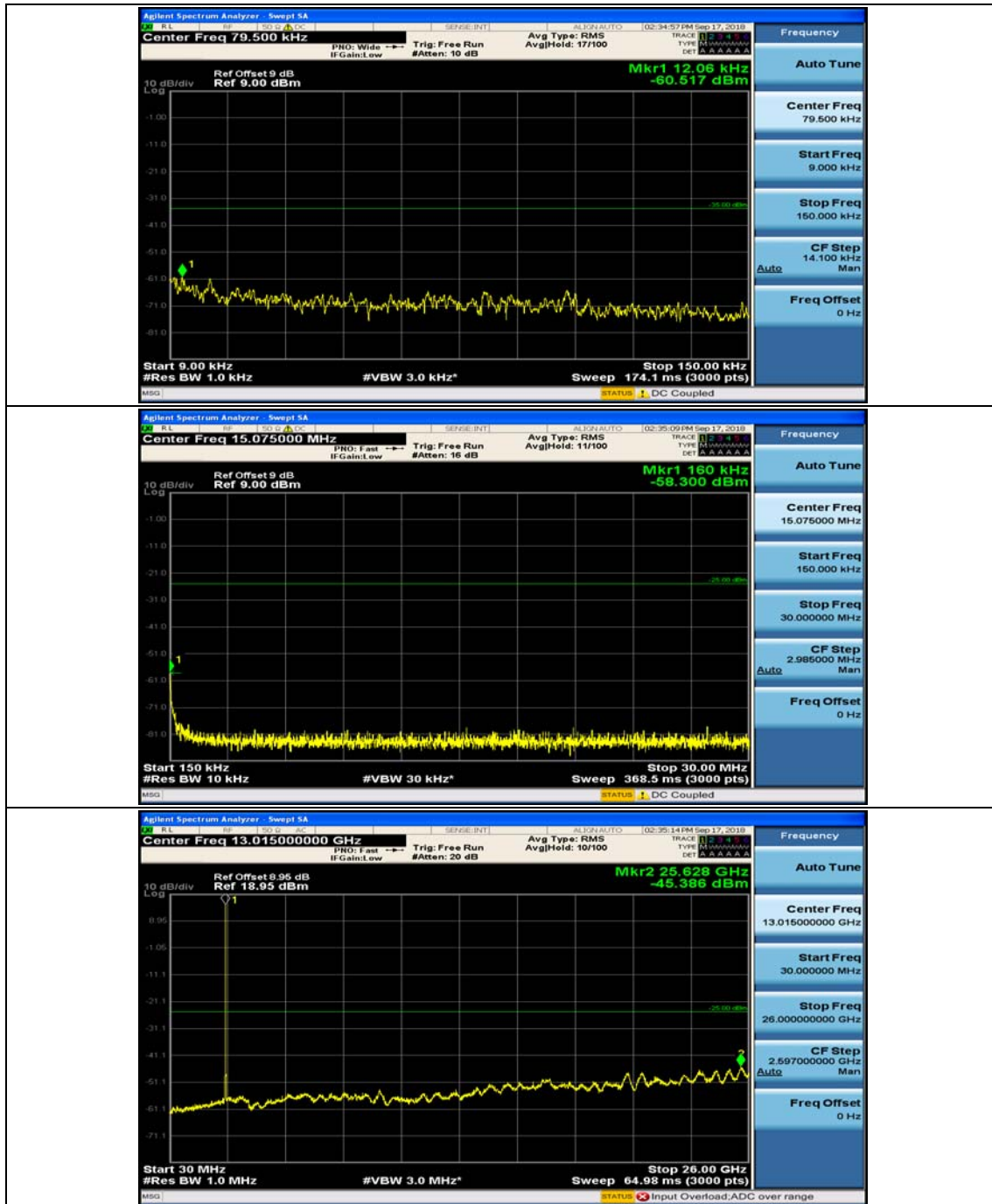


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

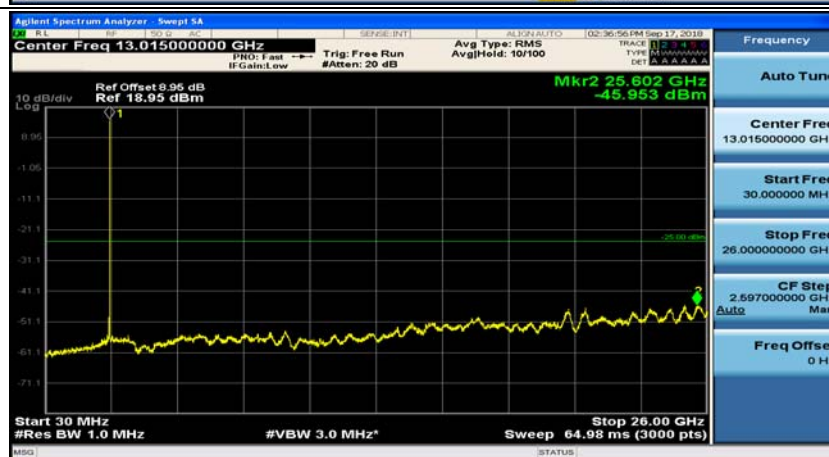
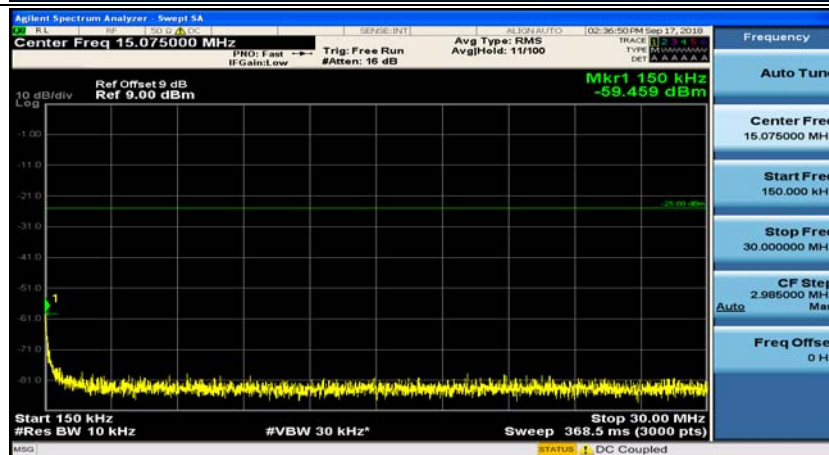
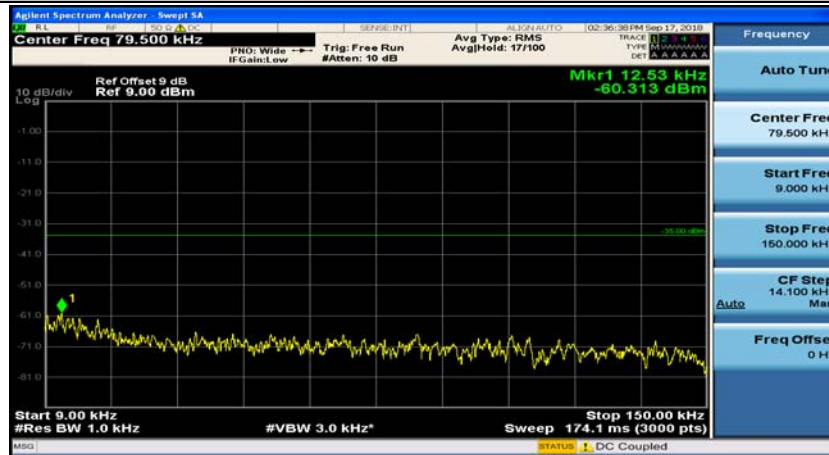


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

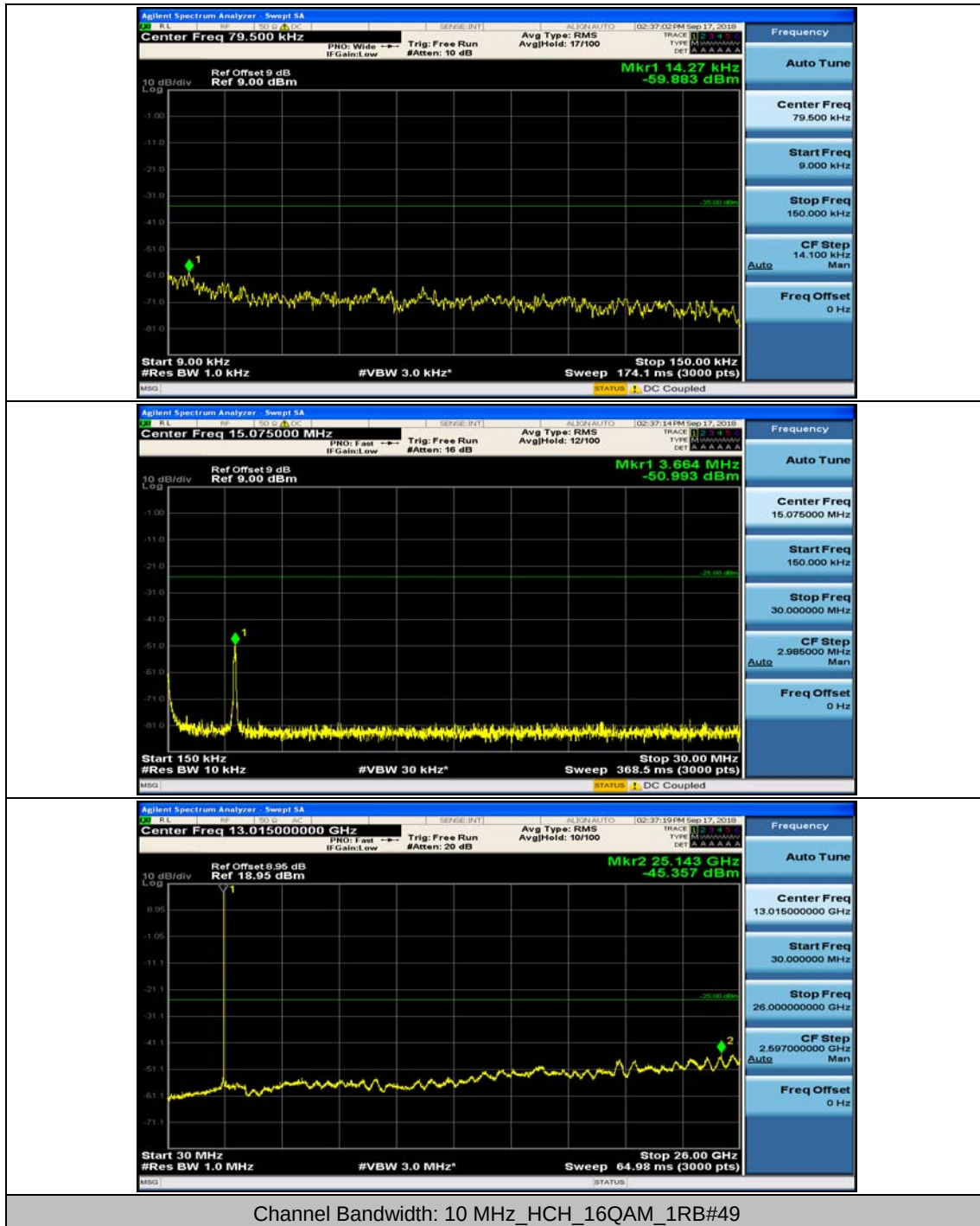


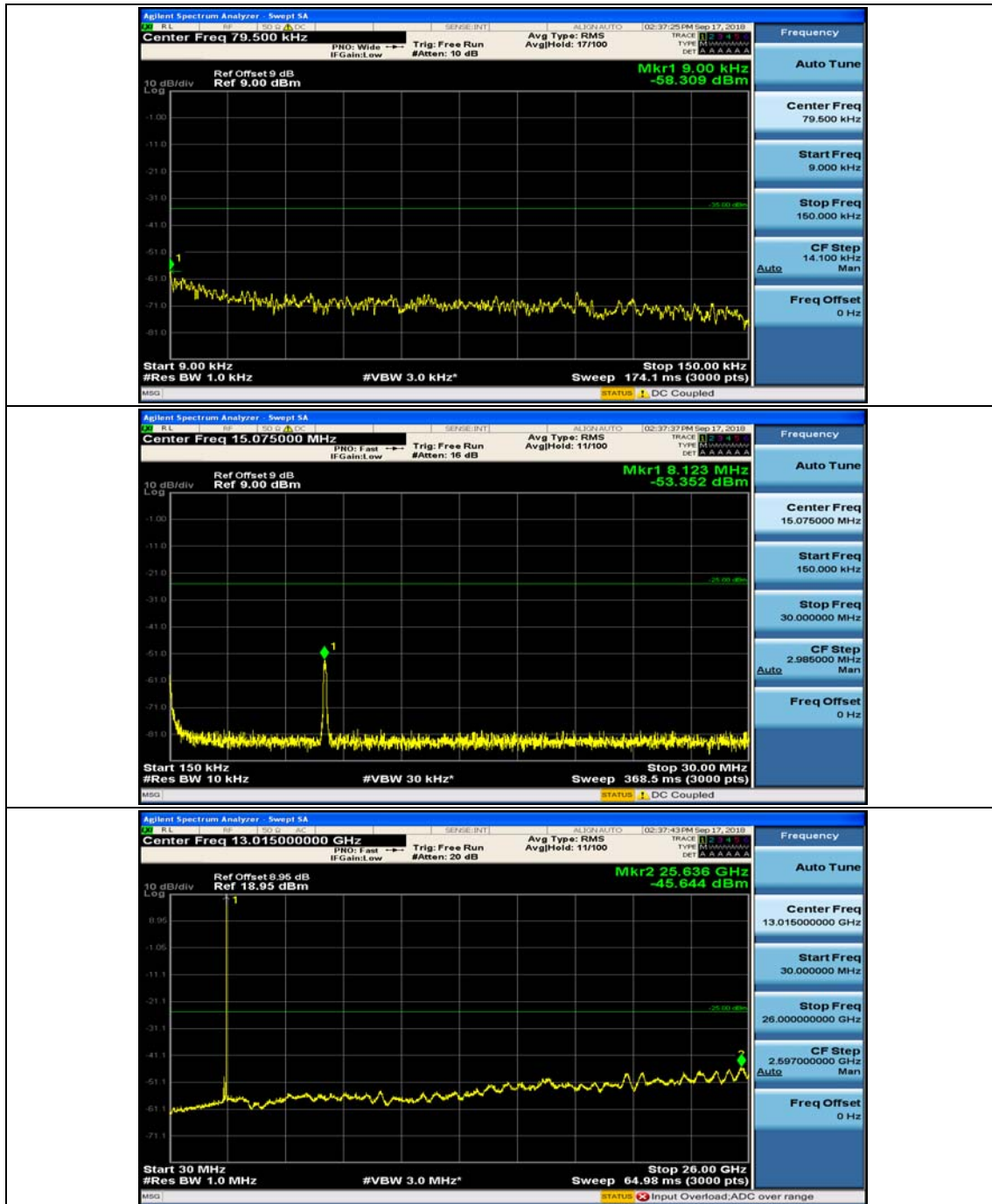


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0

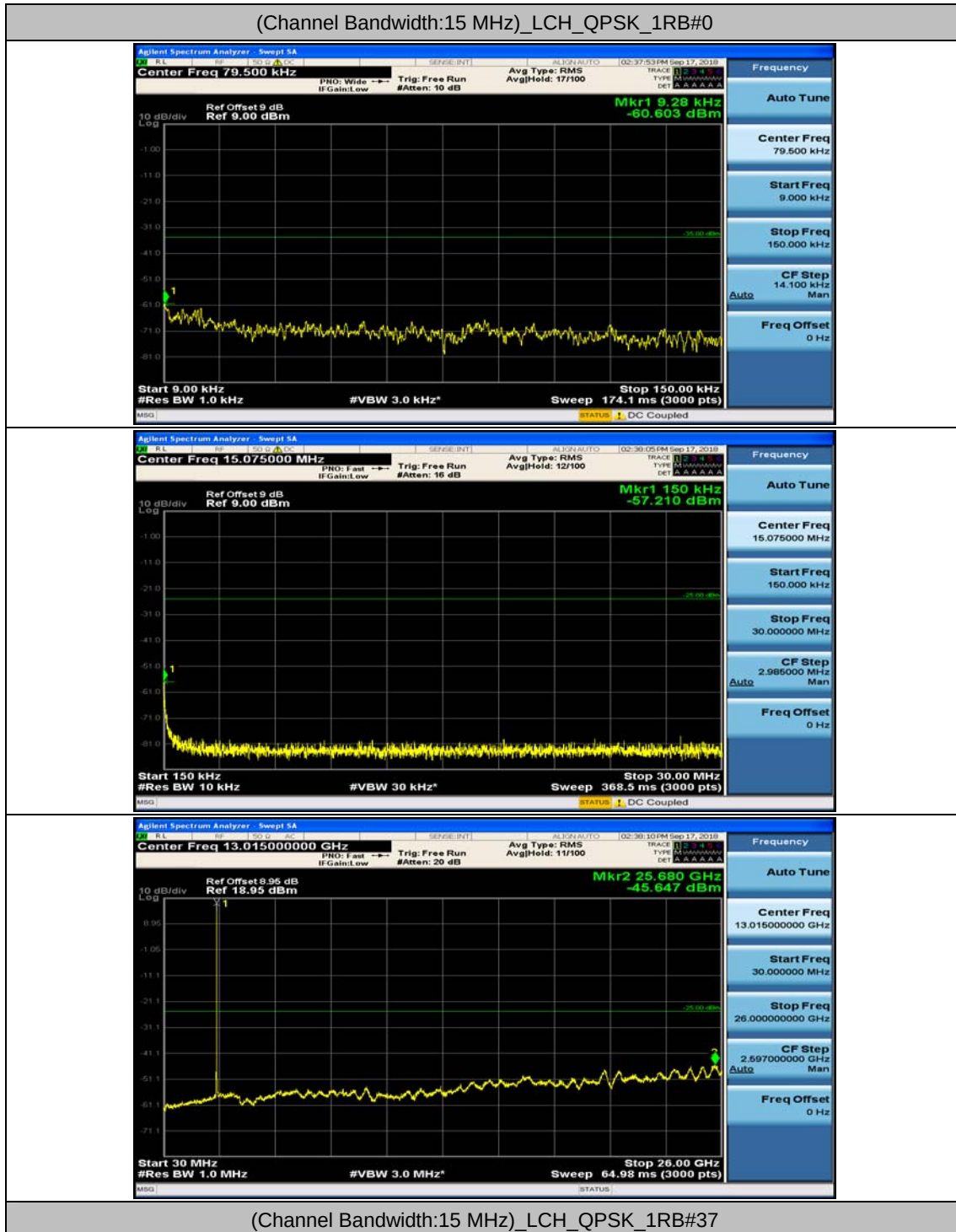


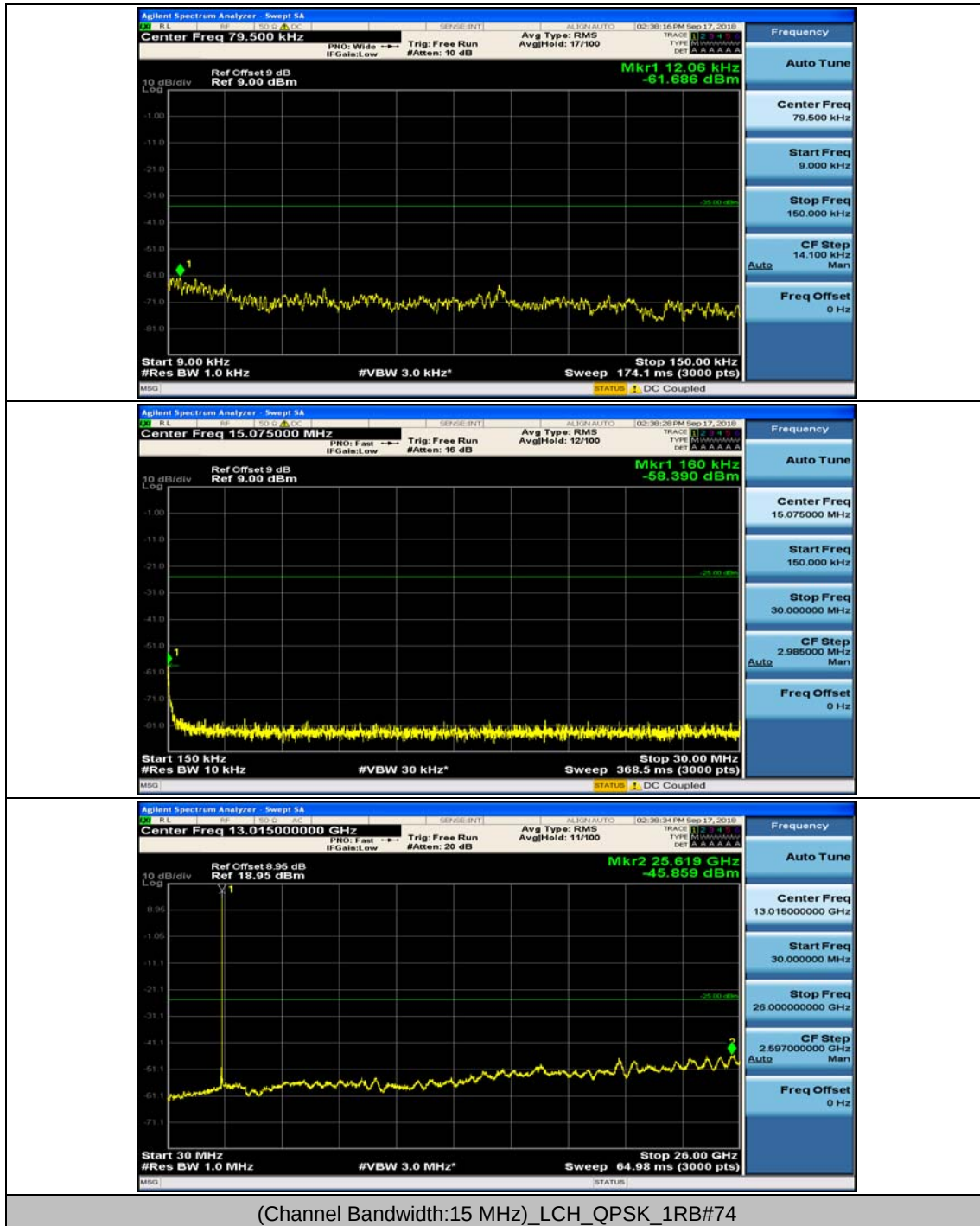
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24

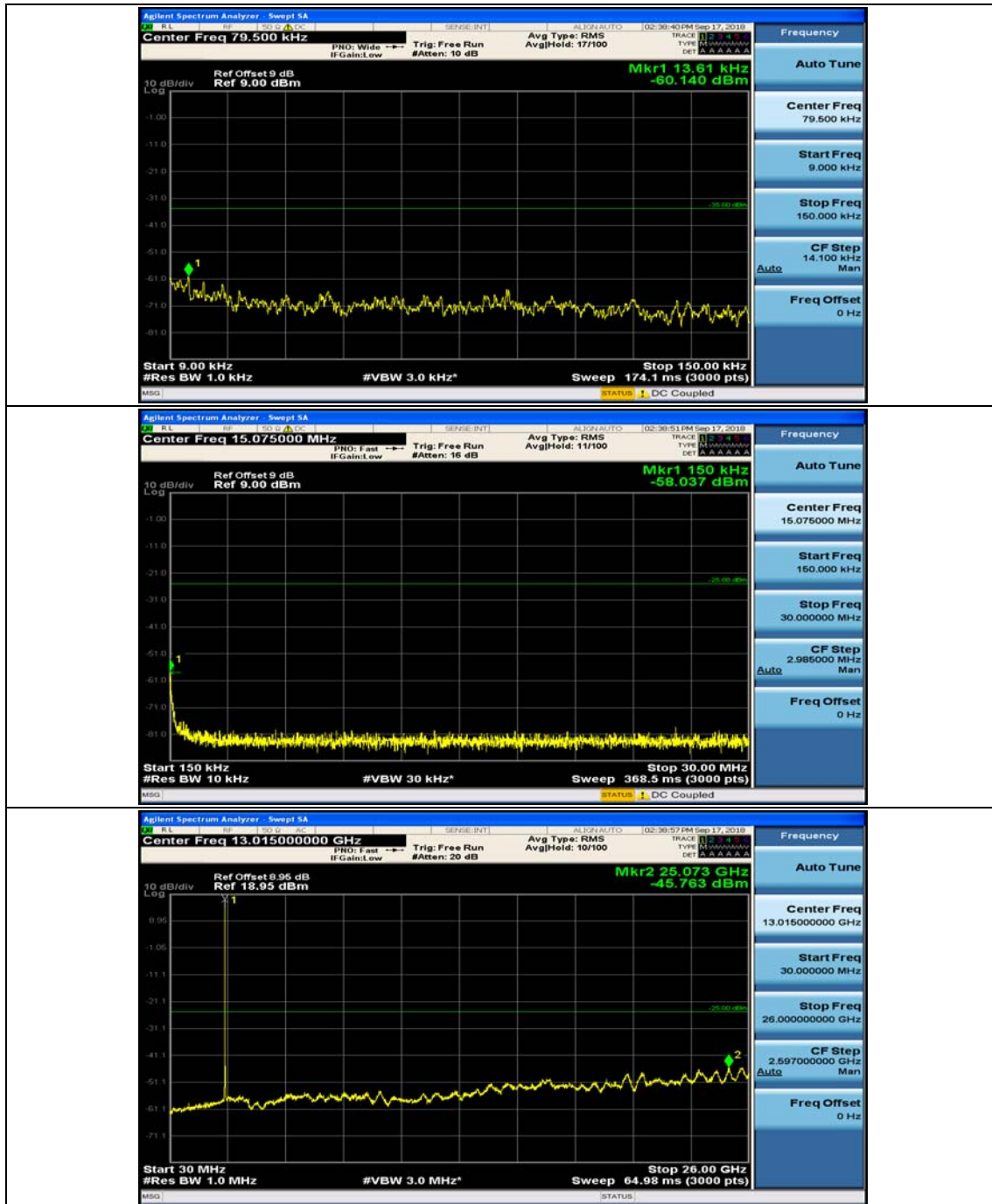




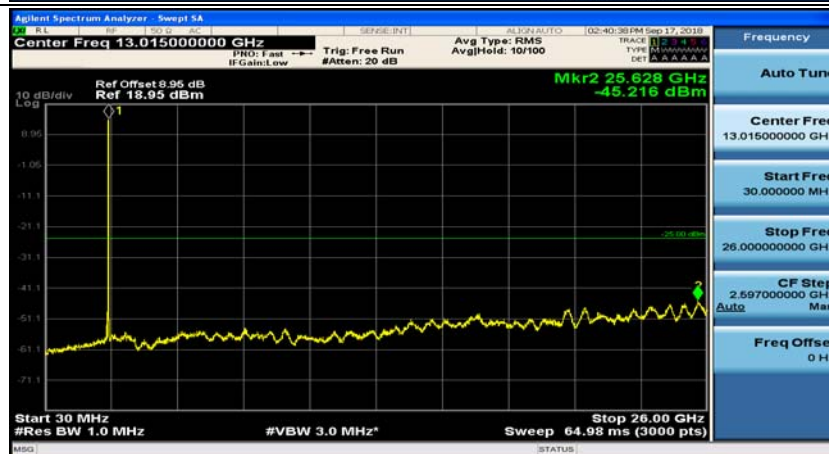
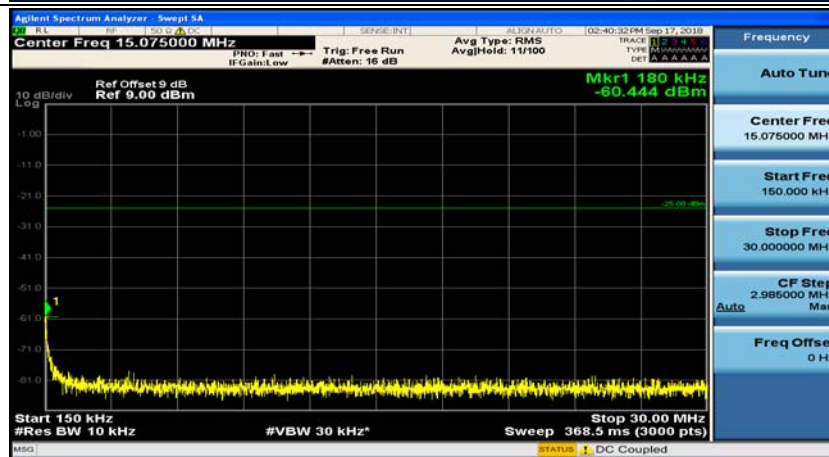
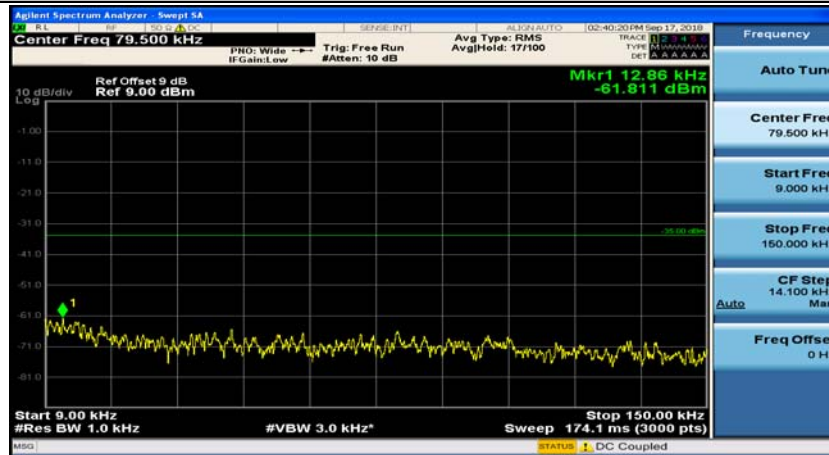
Channel Bandwidth: 15 MHz



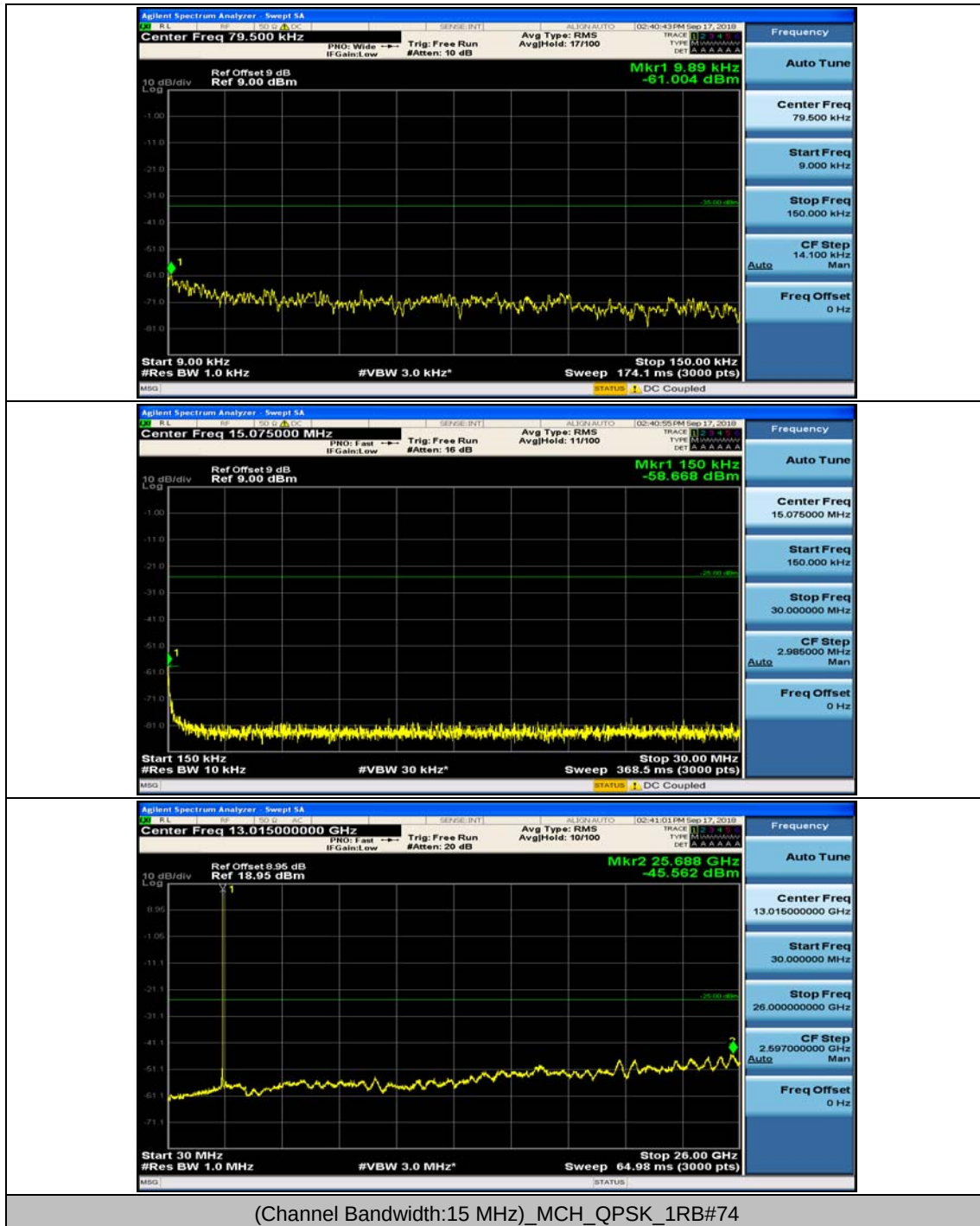


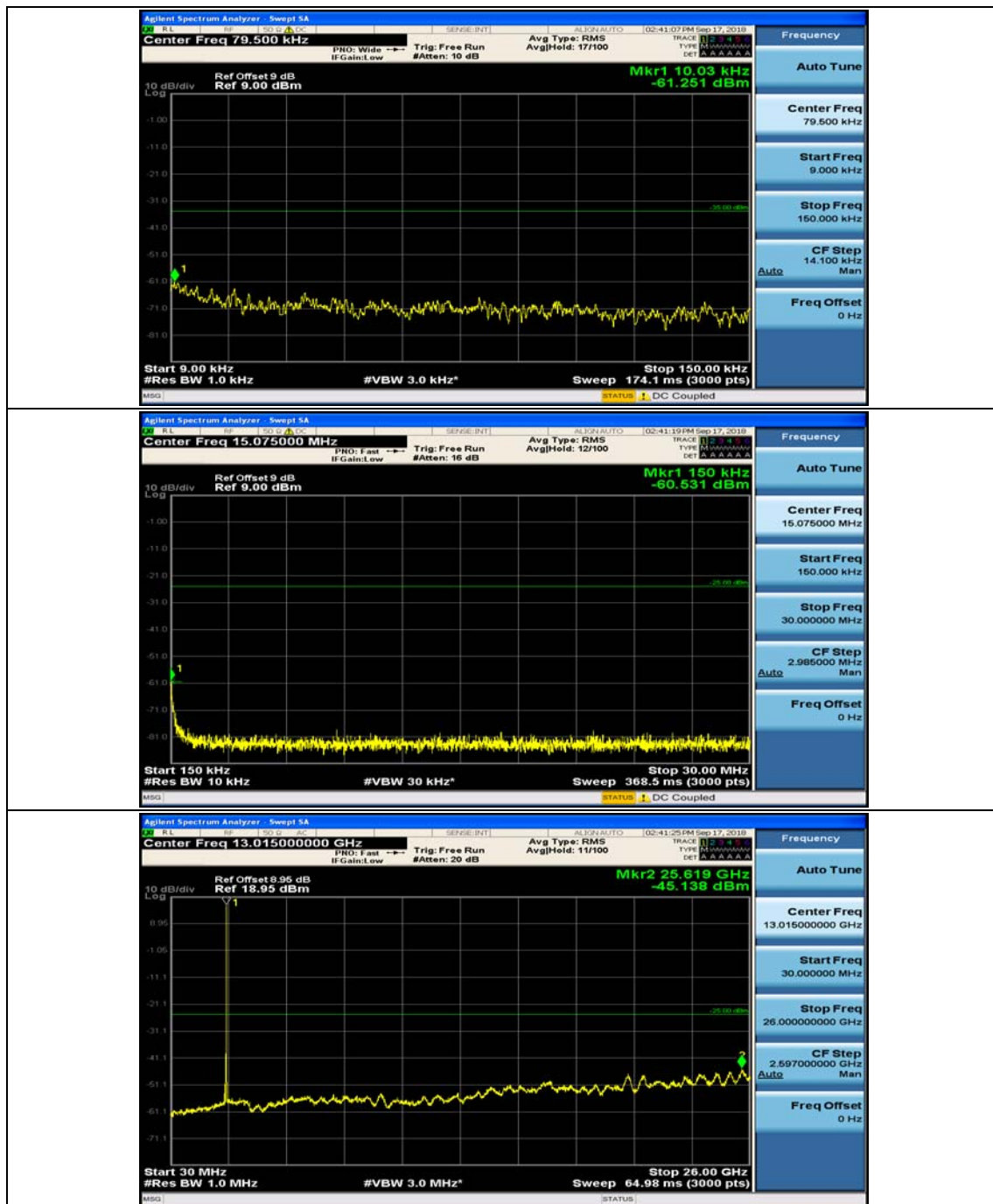


(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0

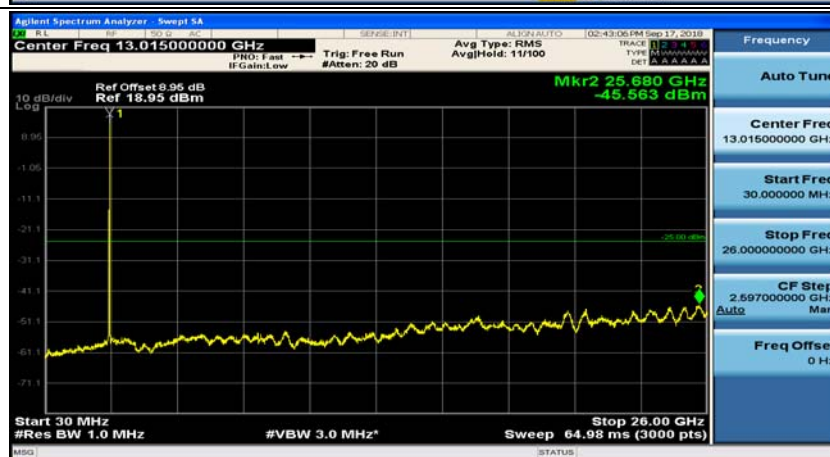
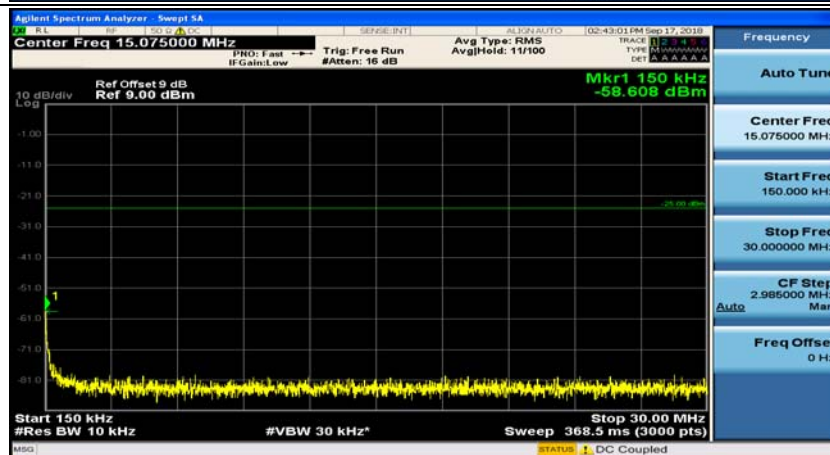
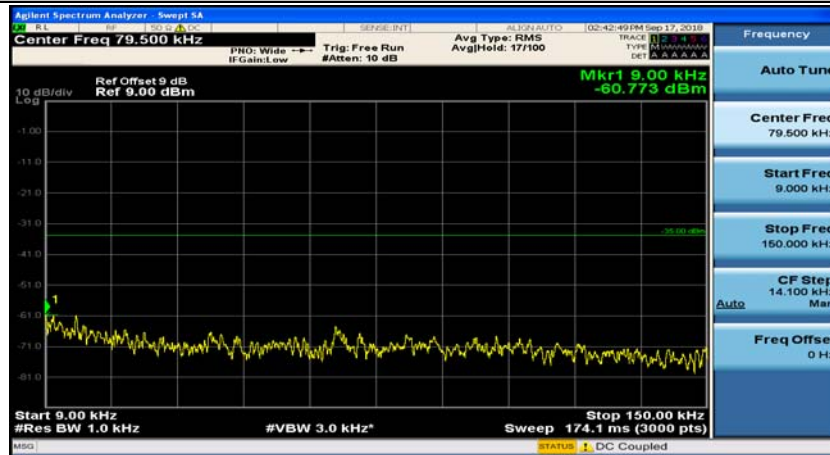


(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37

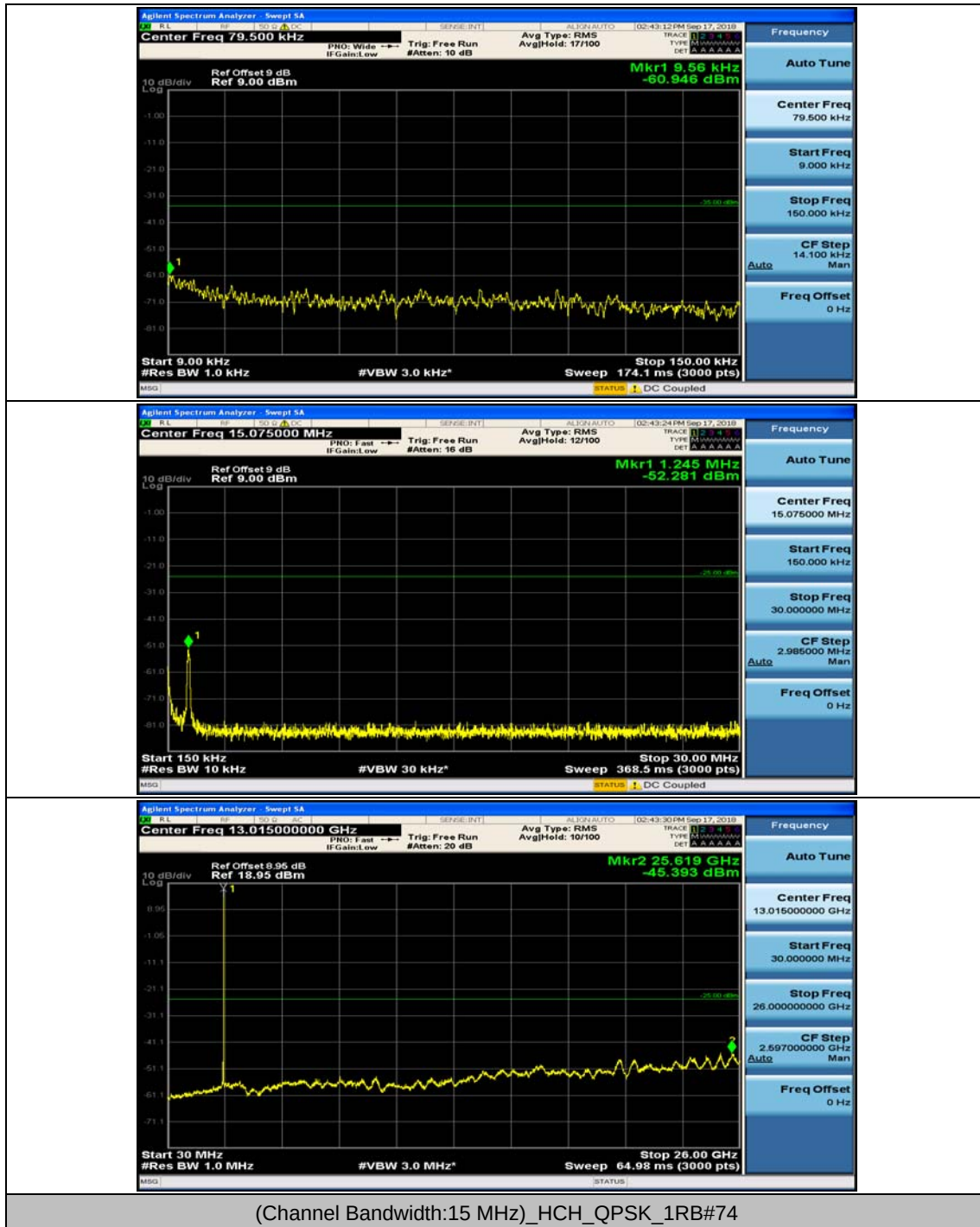


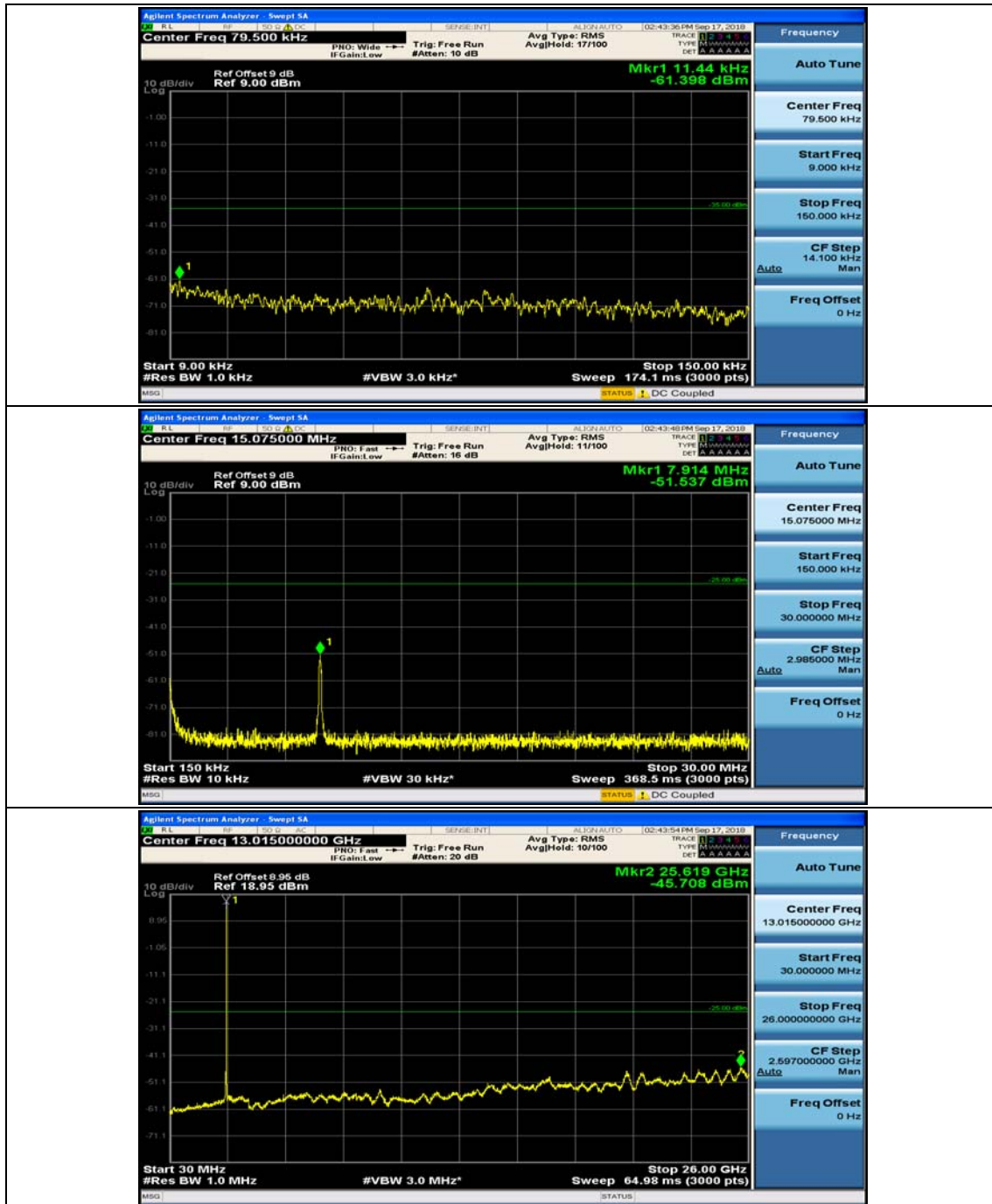


(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0

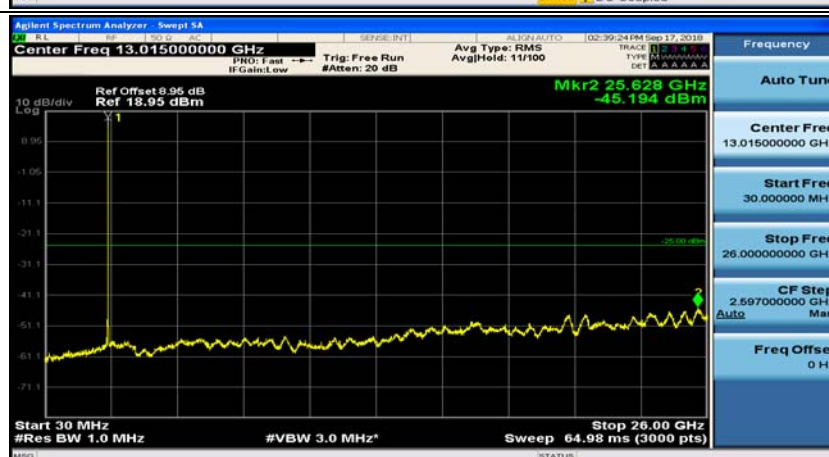
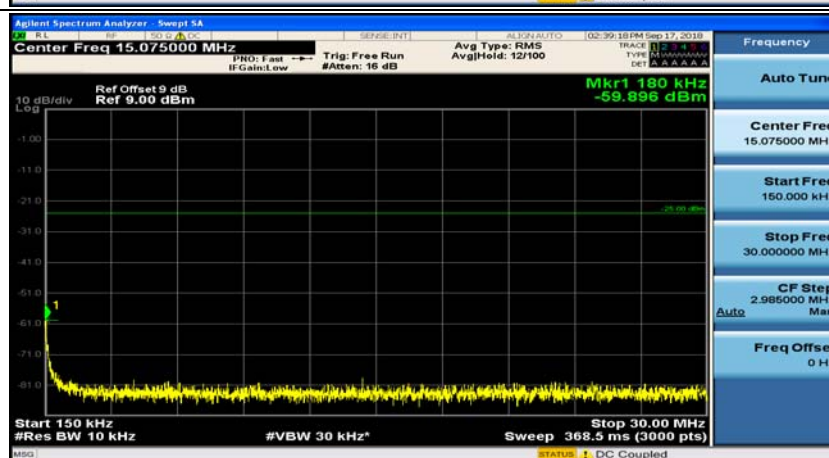
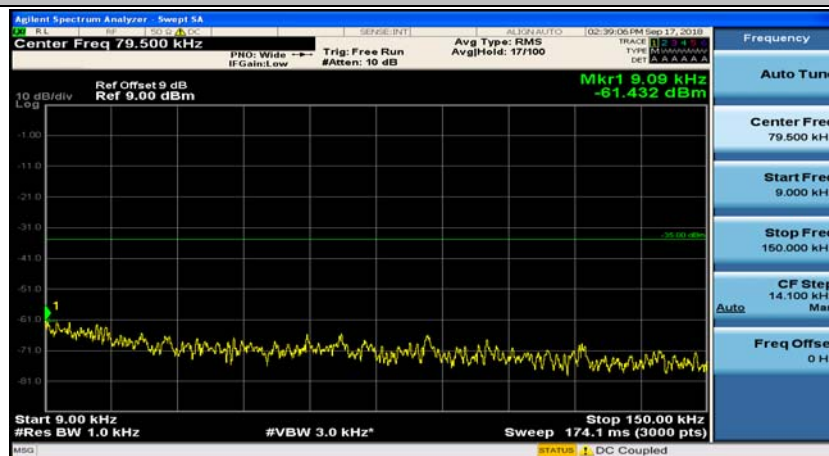


(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37

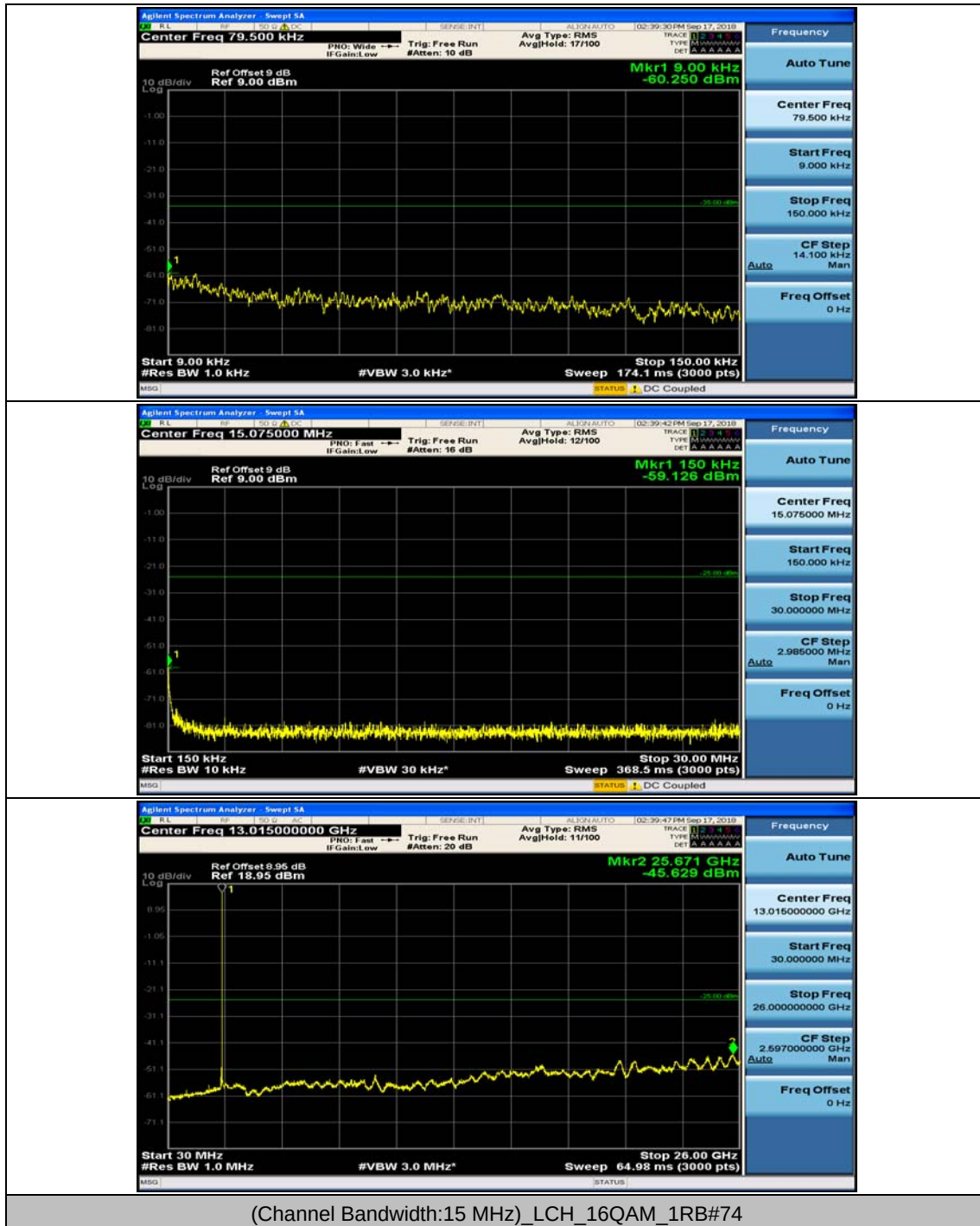


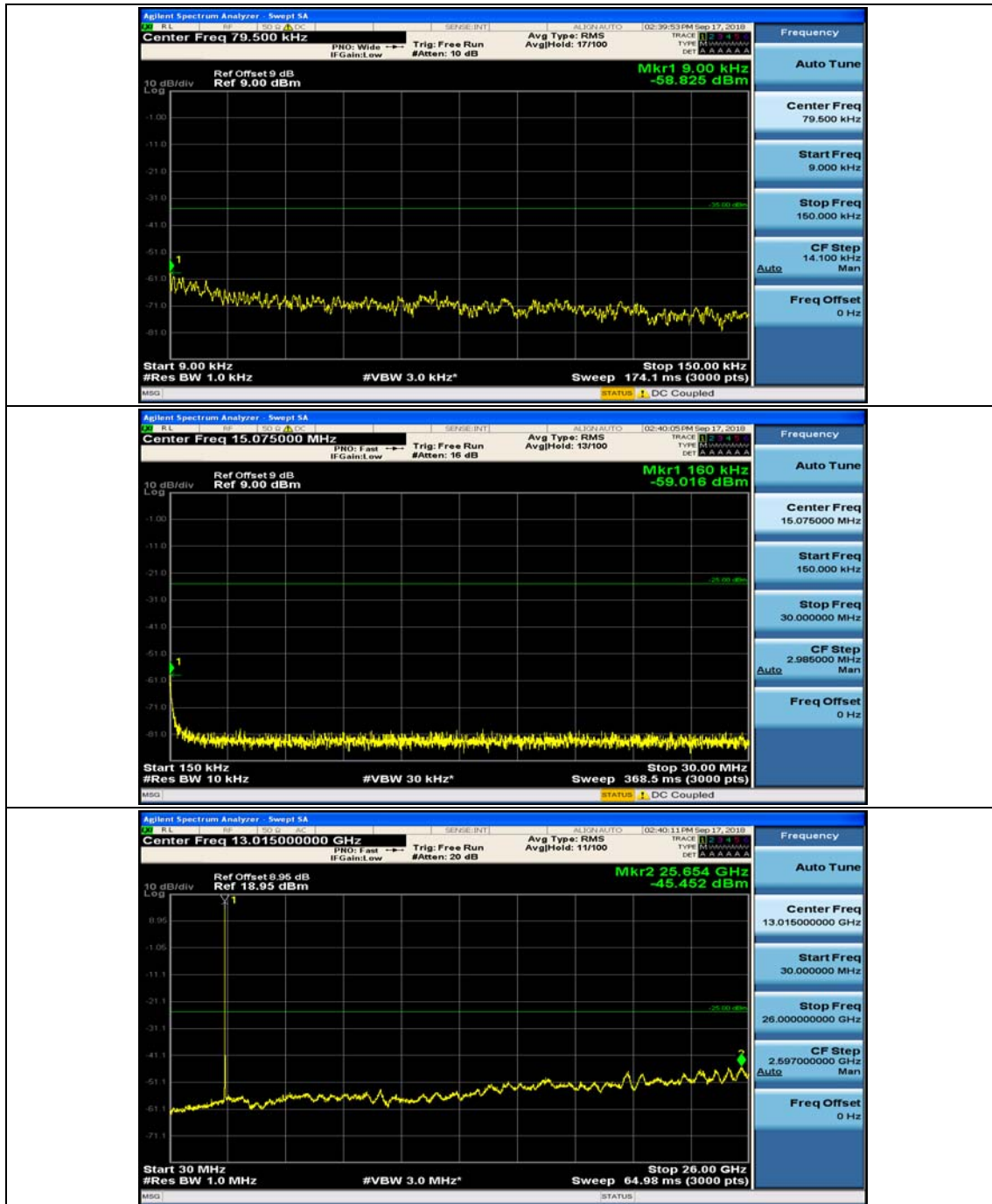


(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0

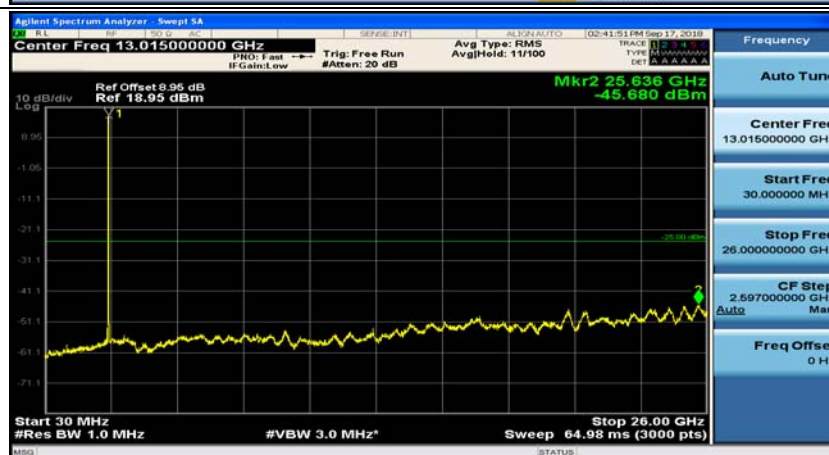
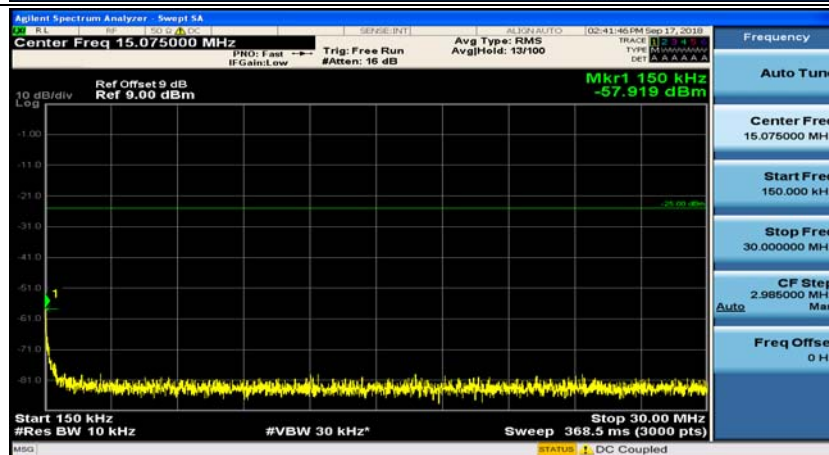
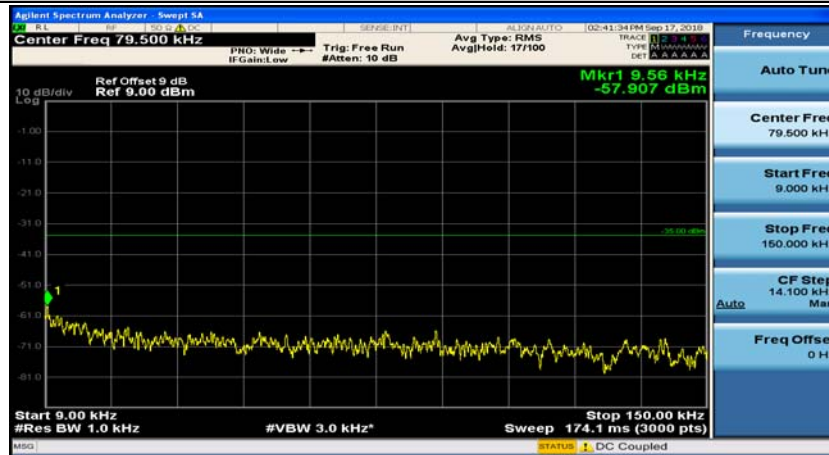


(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37

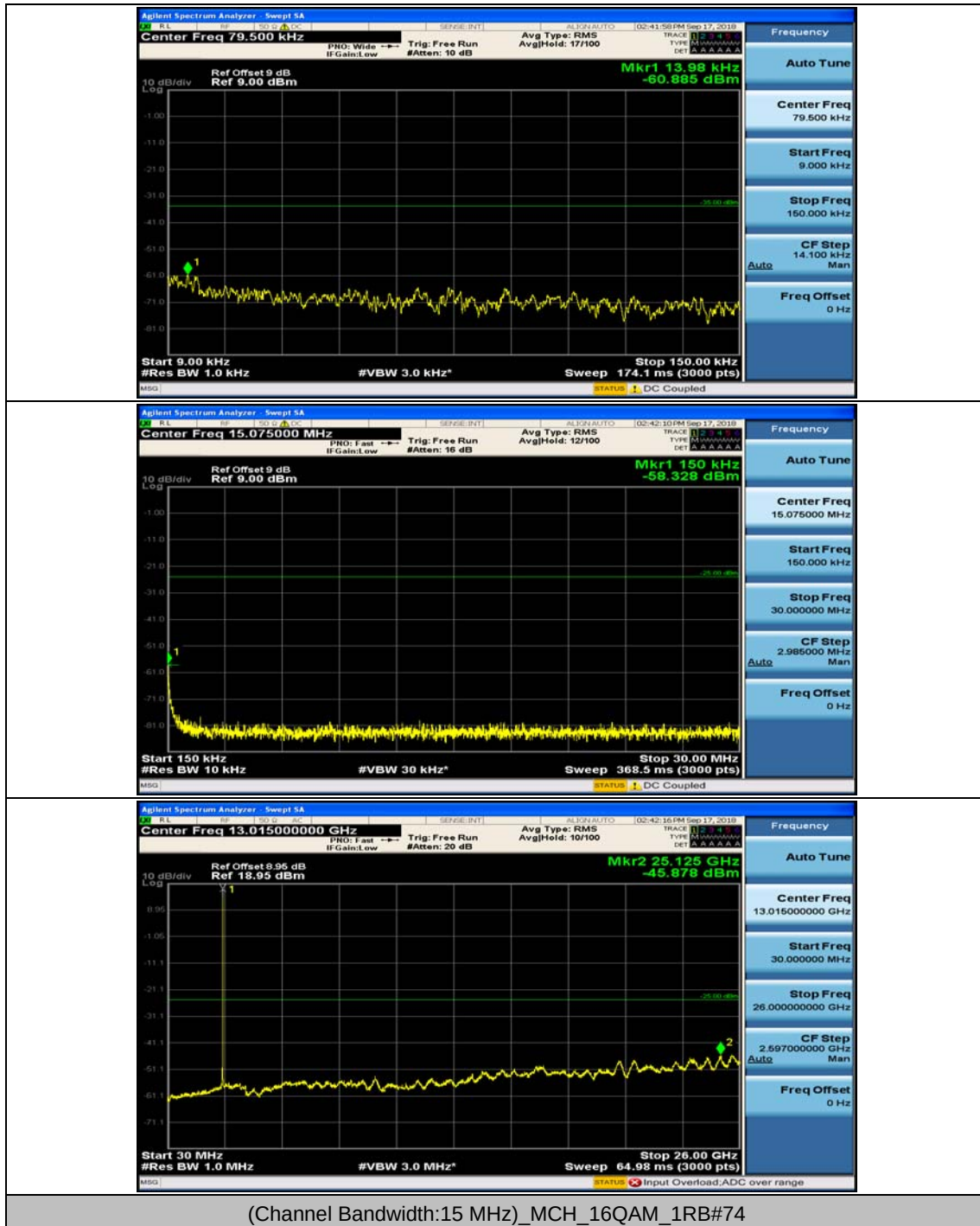


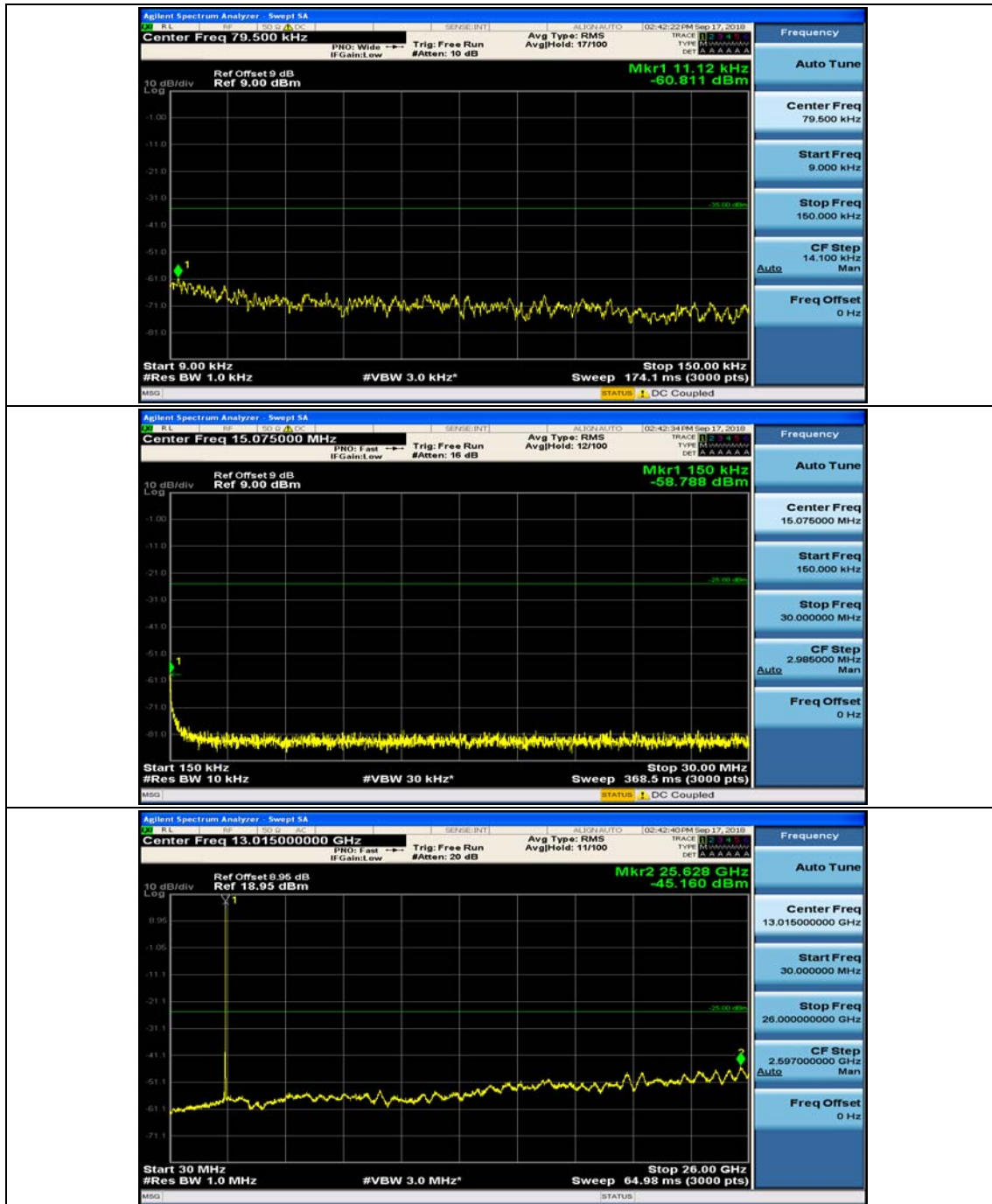


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0

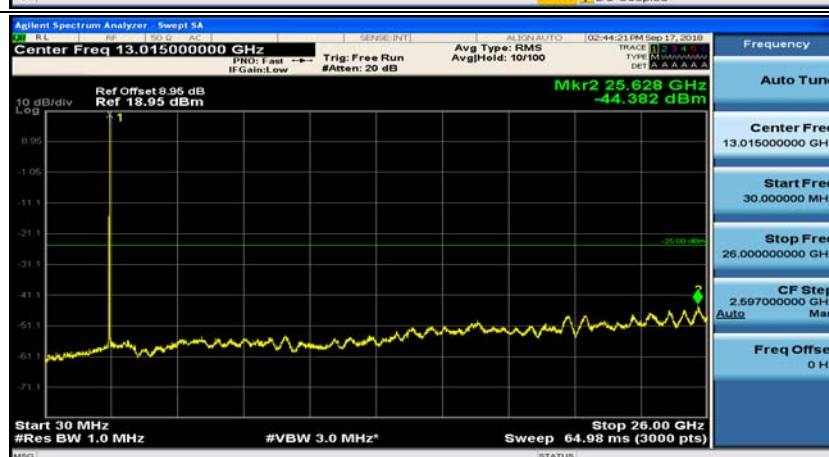
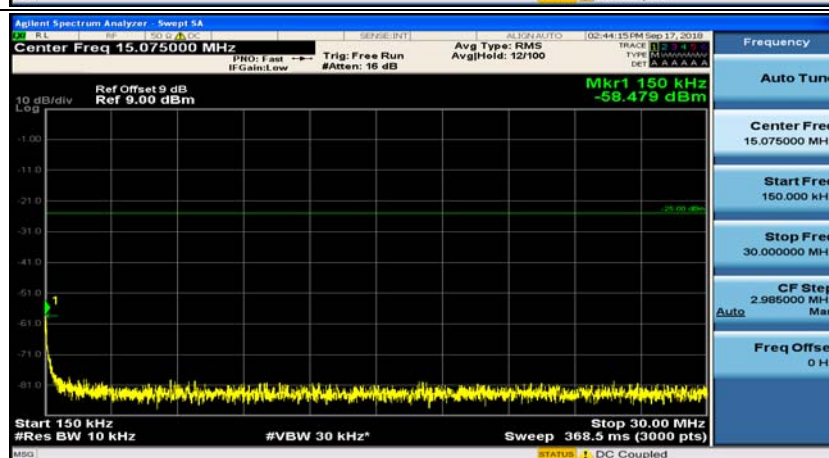
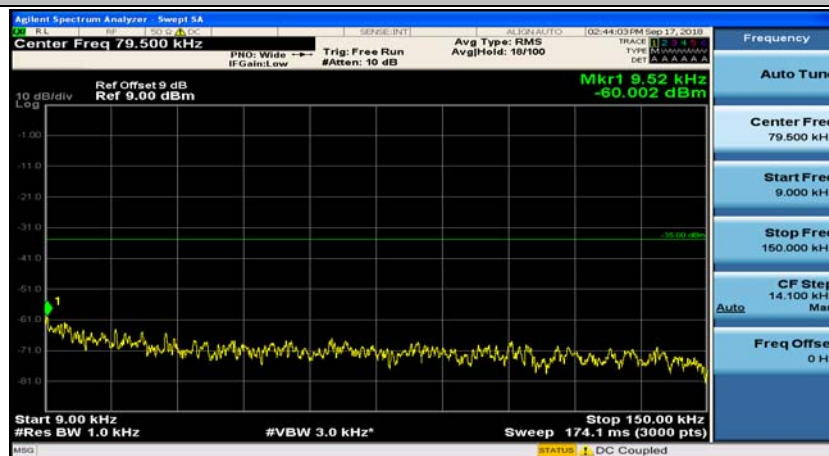


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37

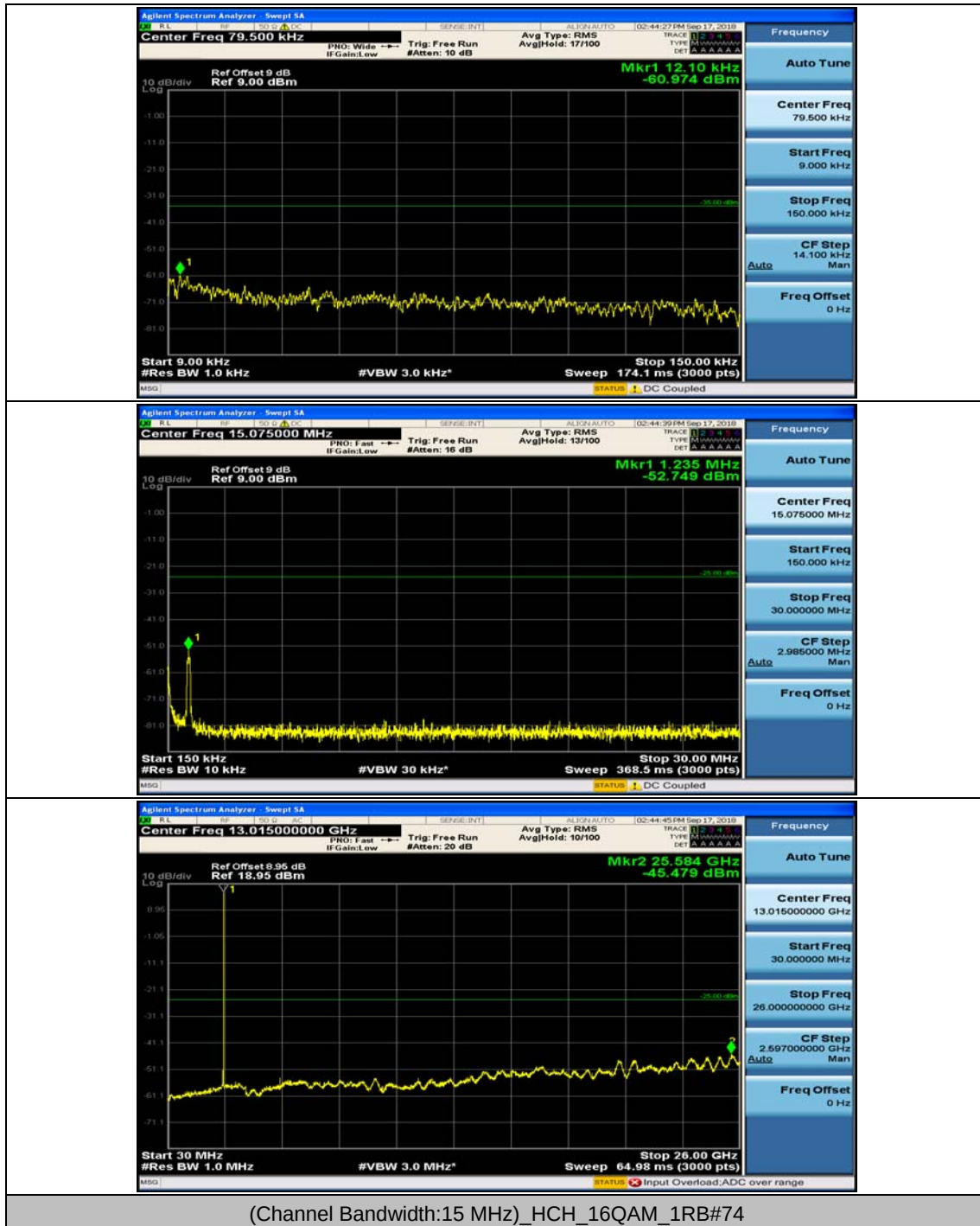


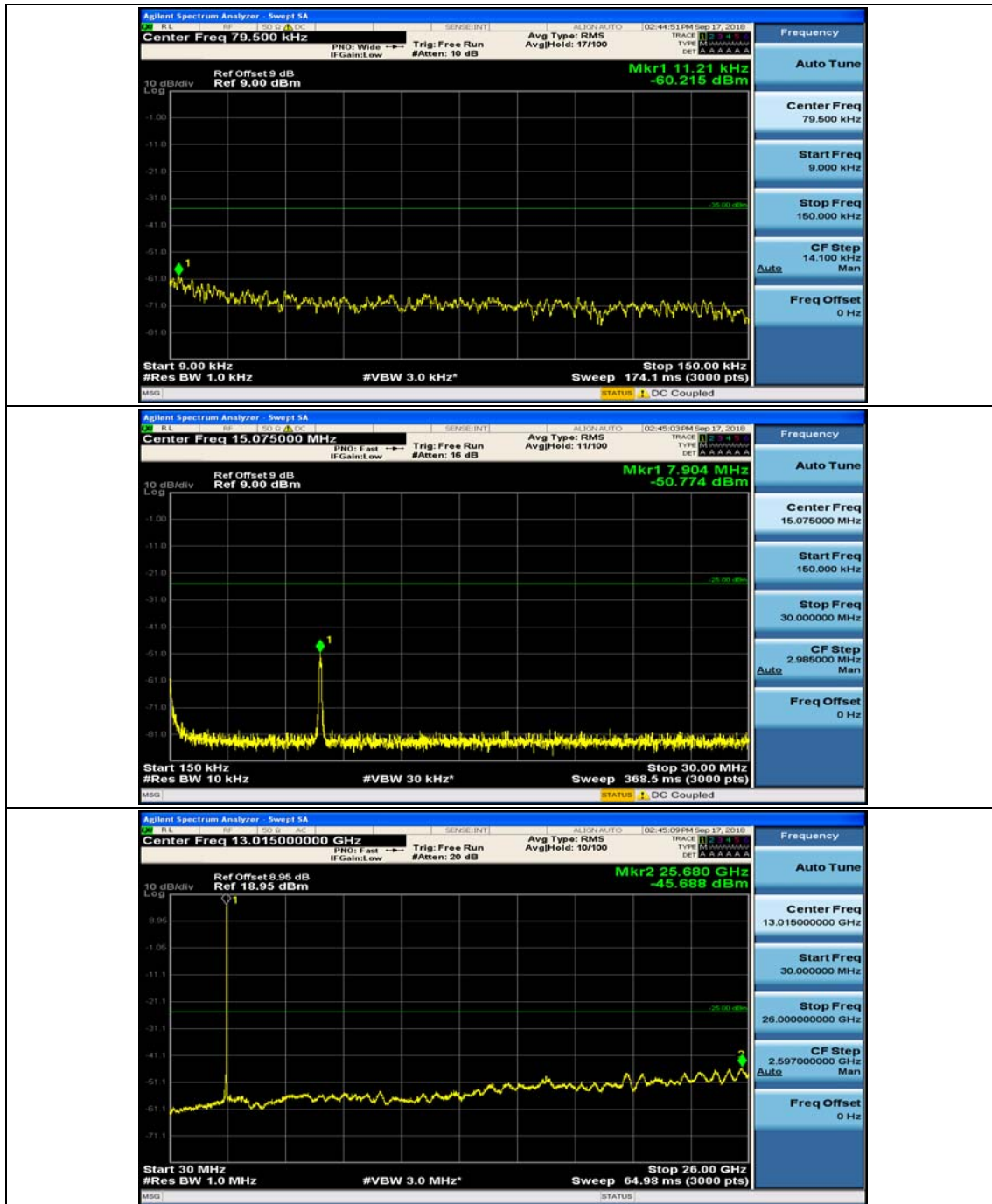


(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0

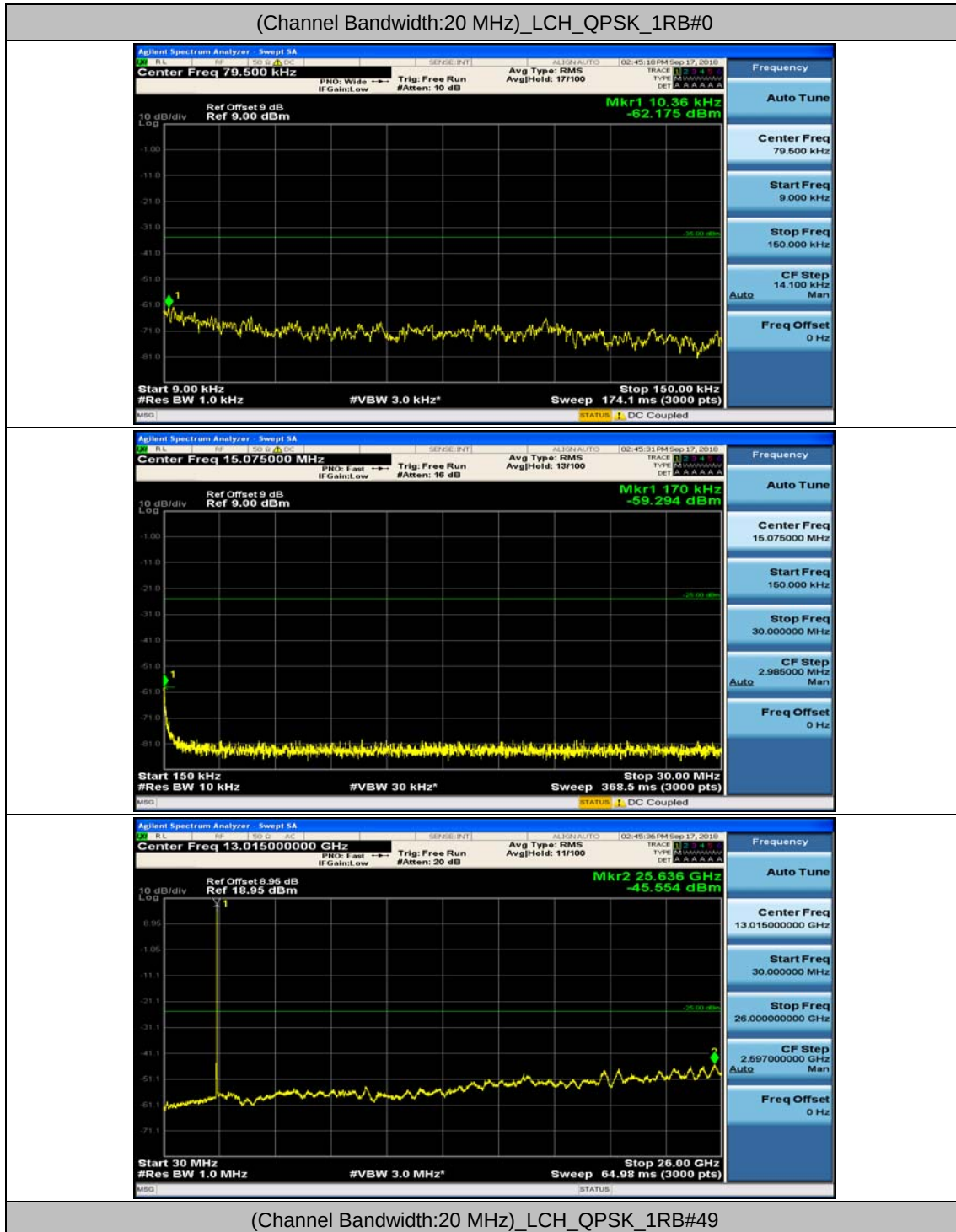


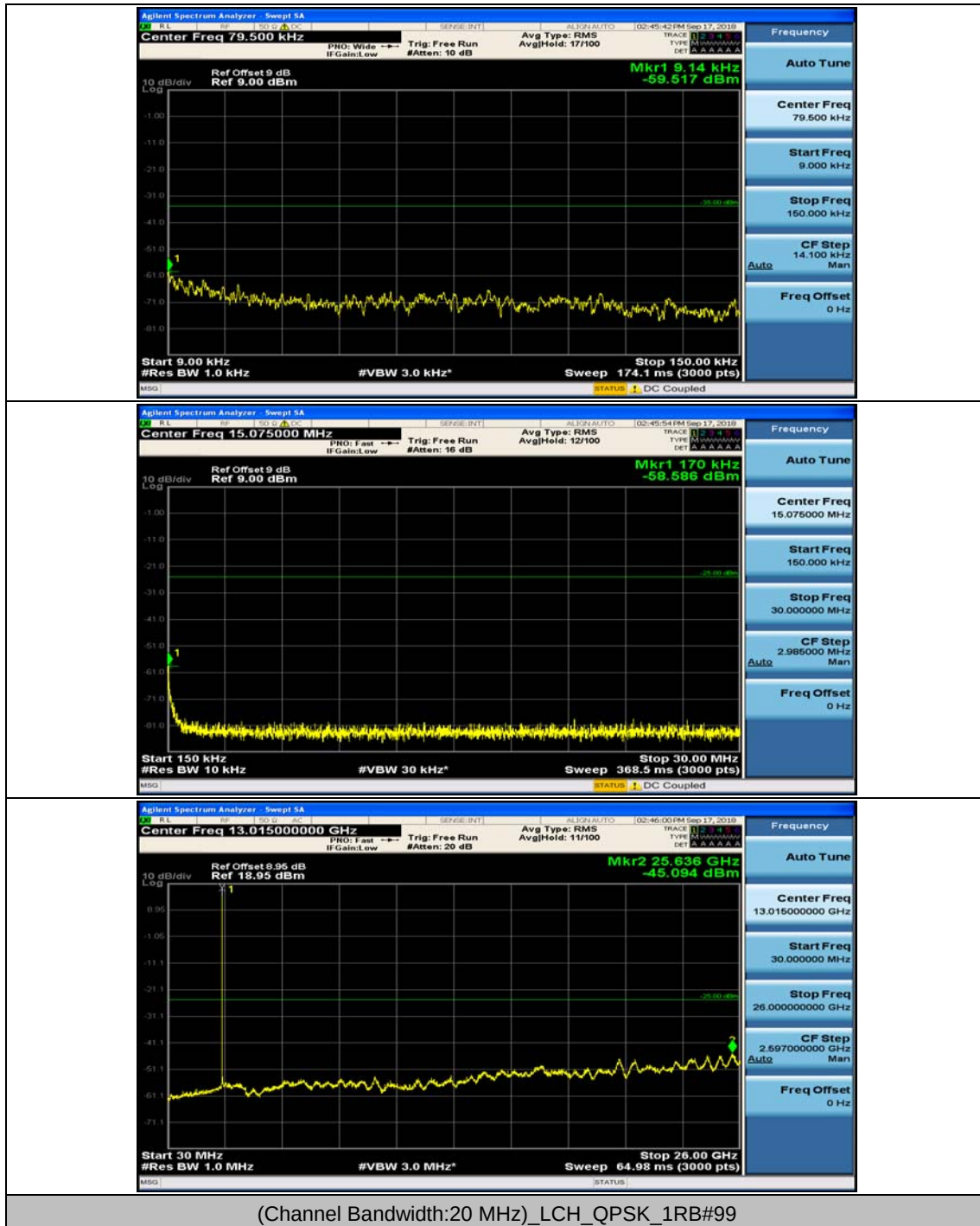
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37

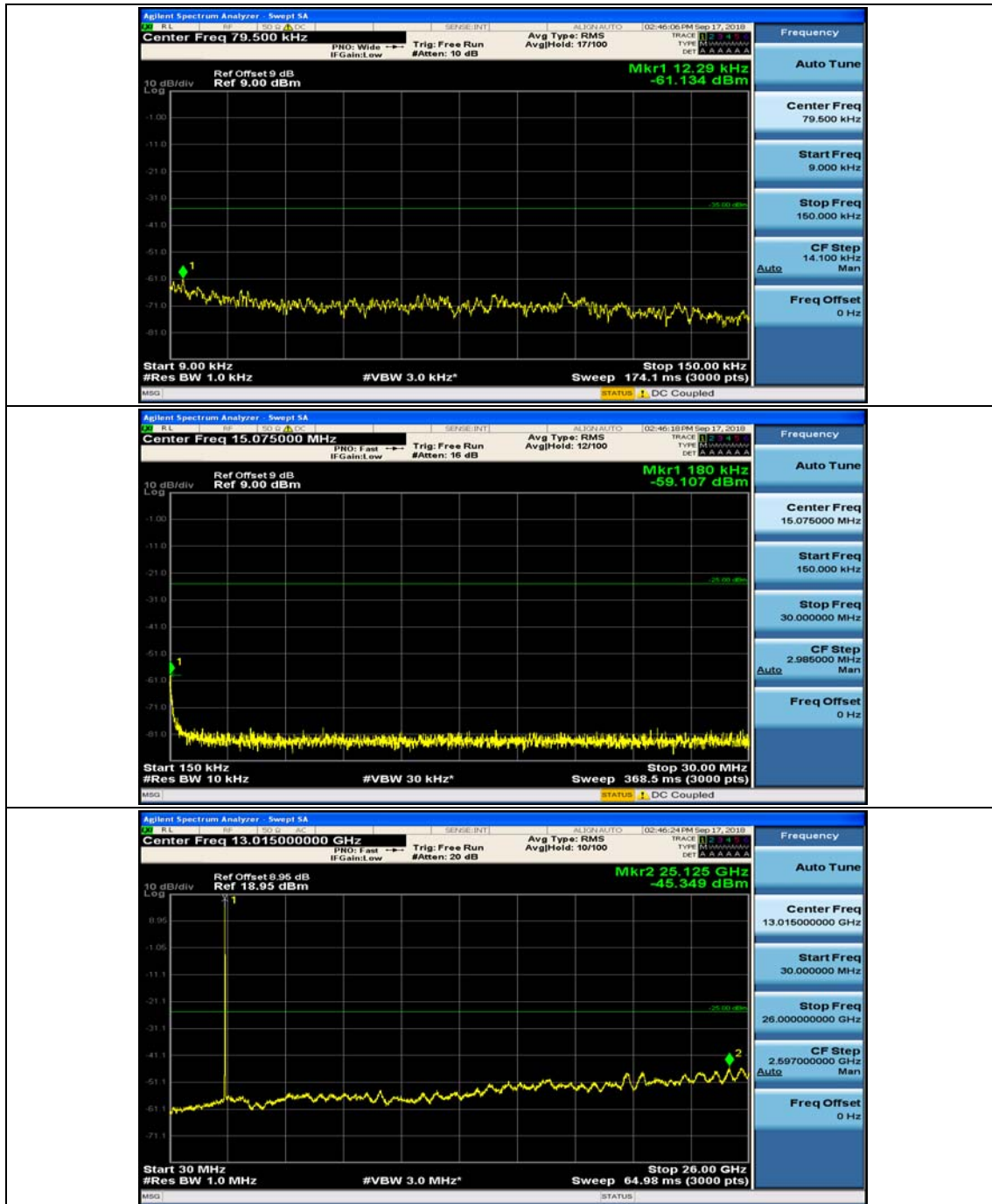




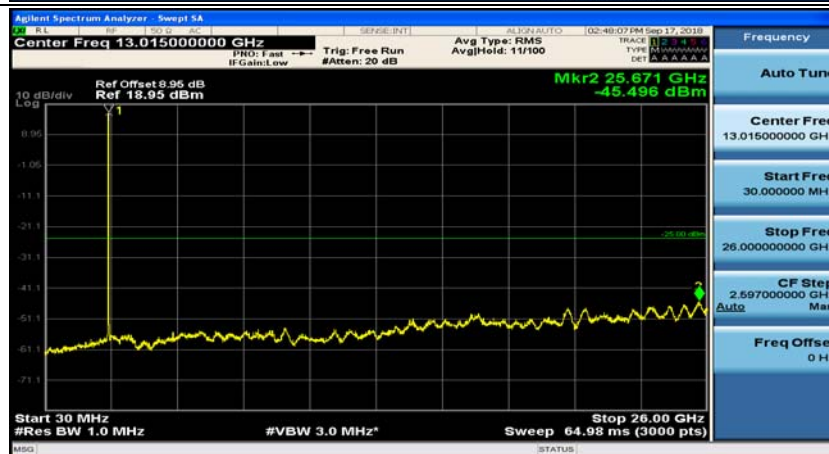
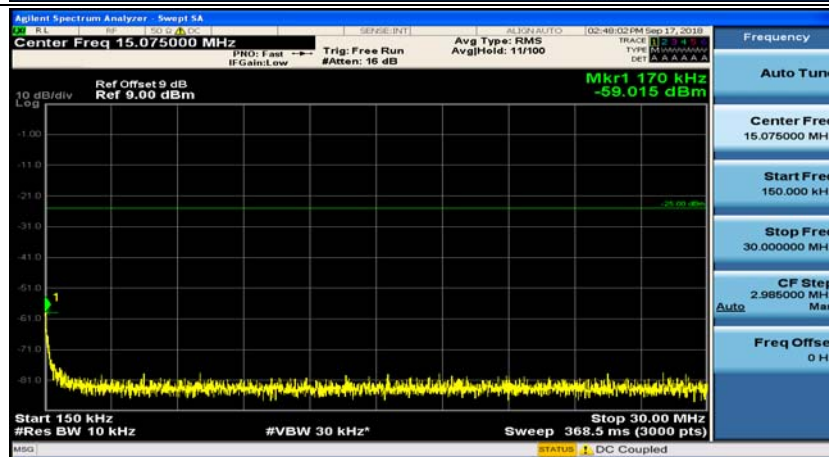
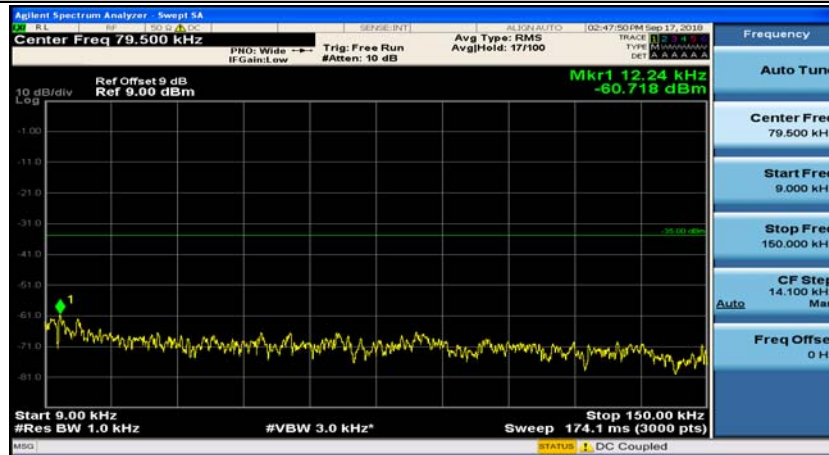
Channel Bandwidth: 20 MHz



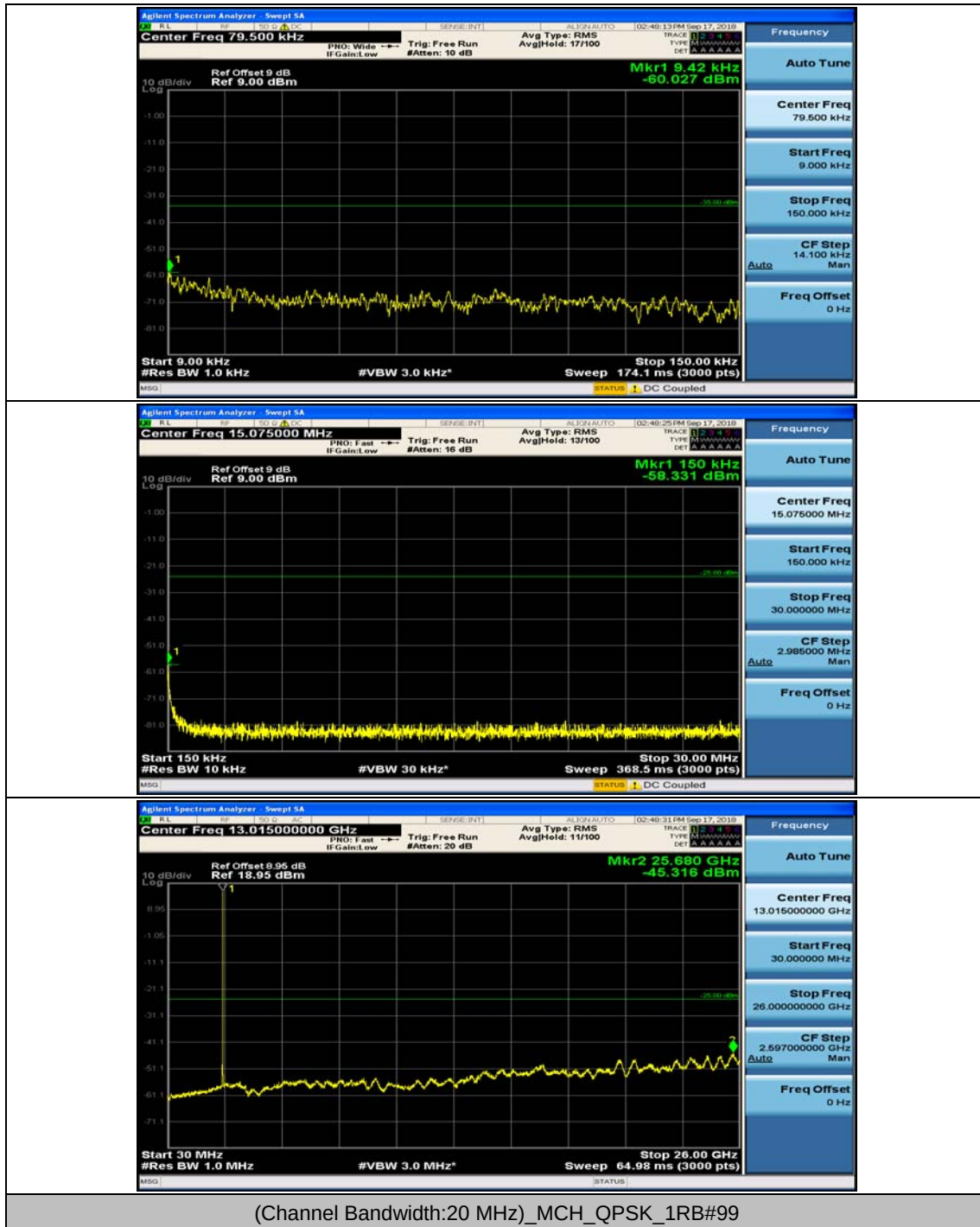


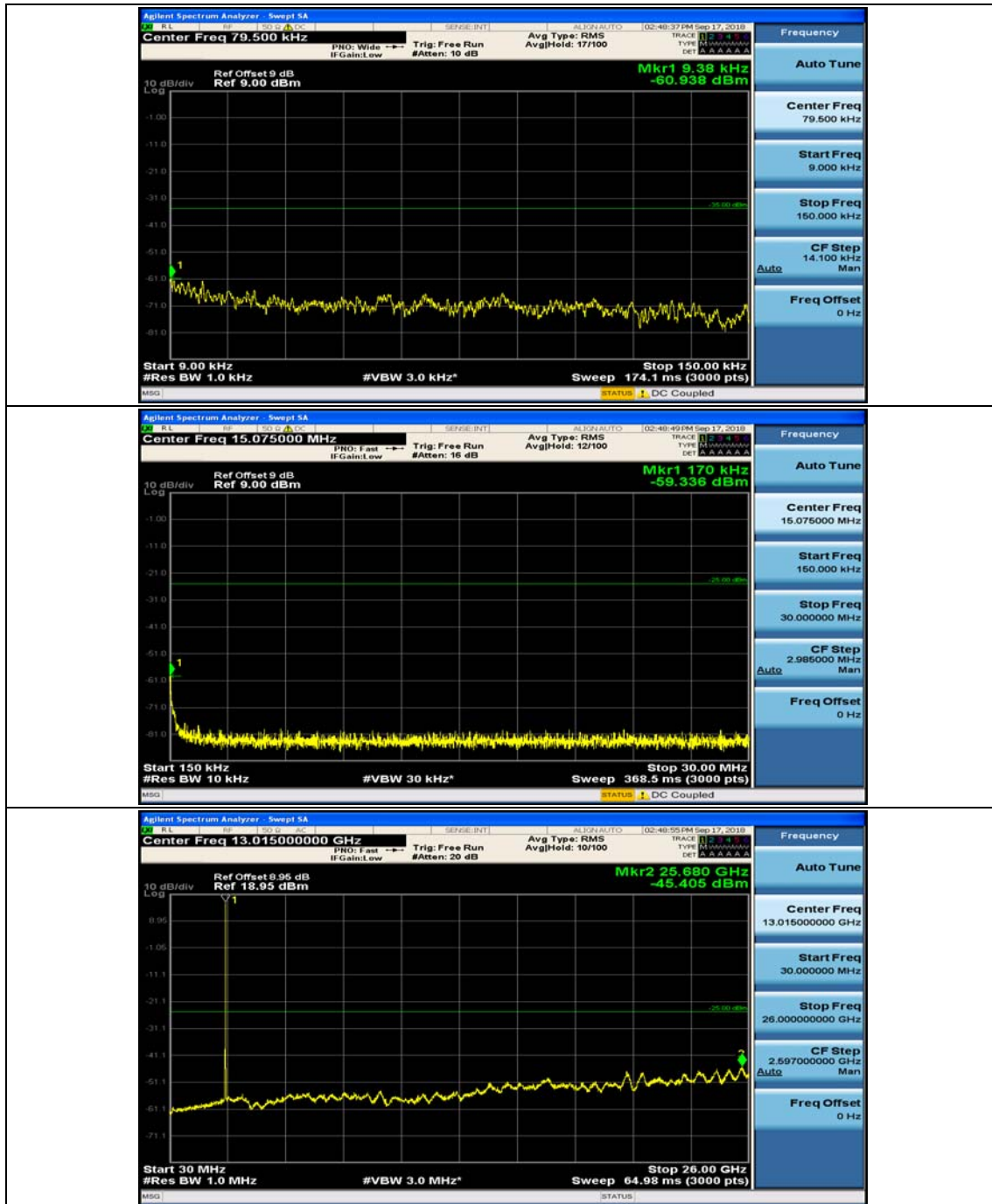


(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0

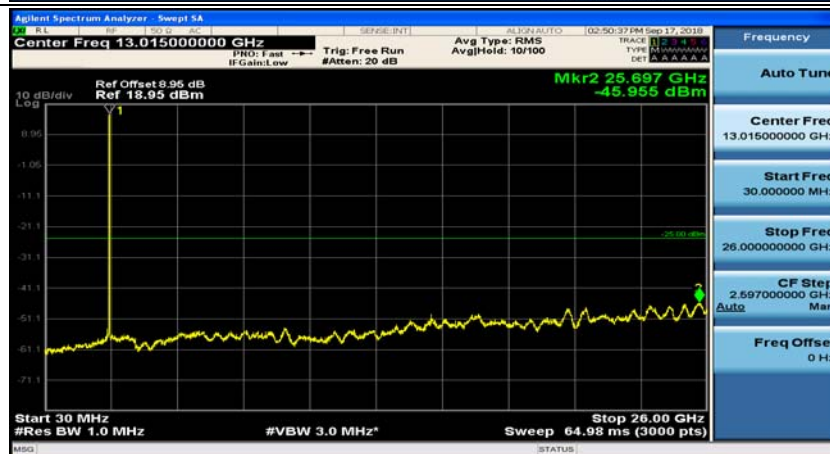
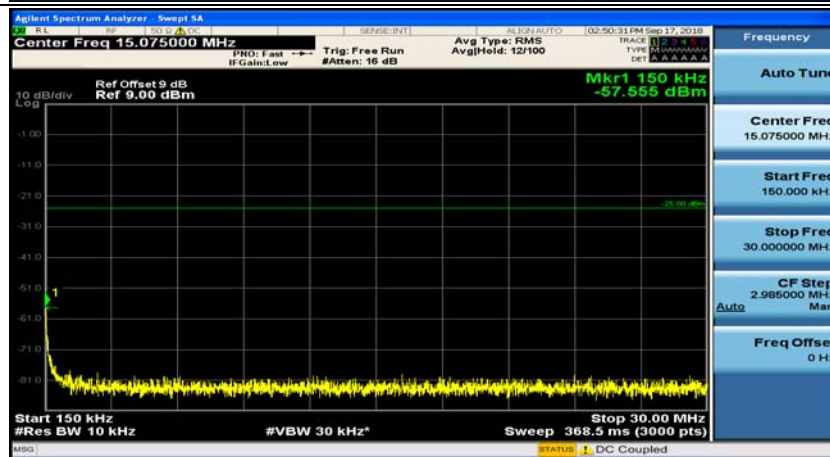
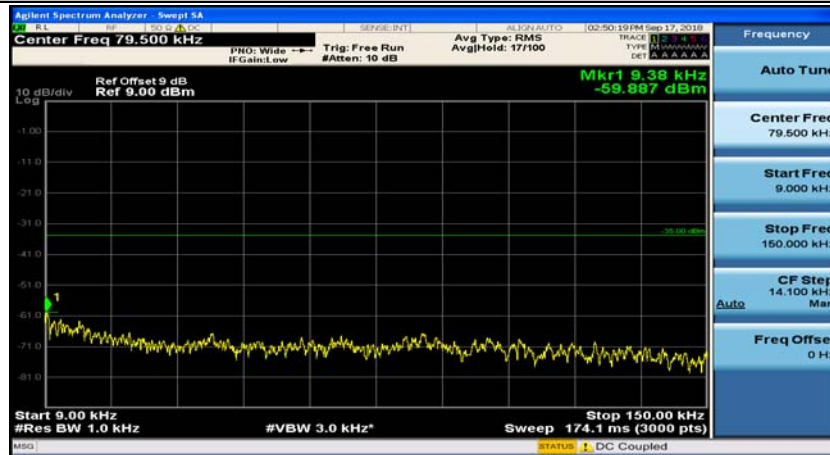


(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49

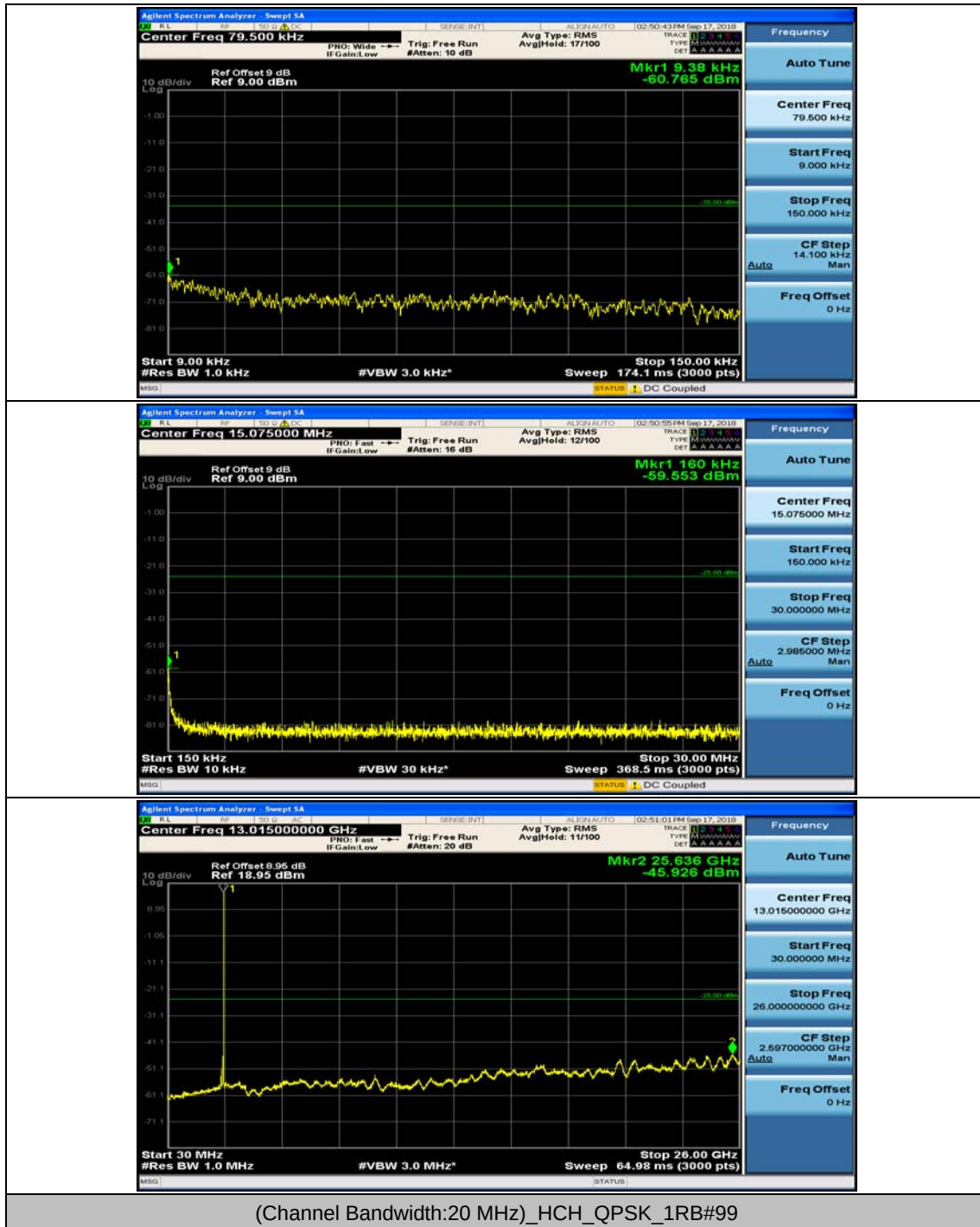


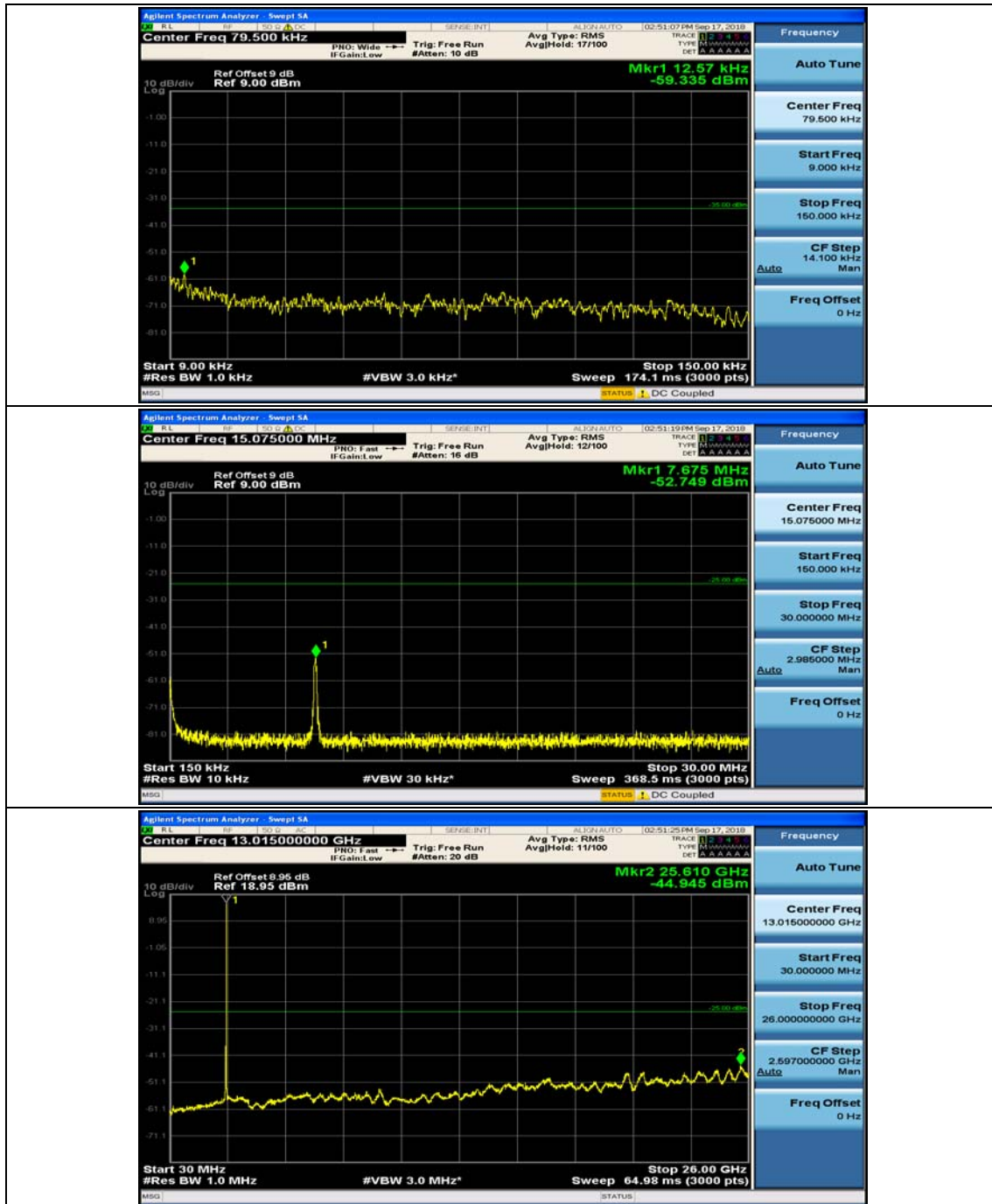


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0

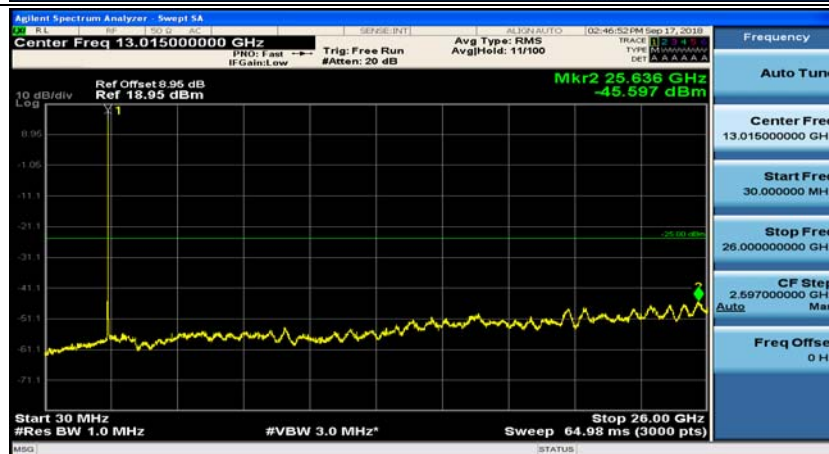
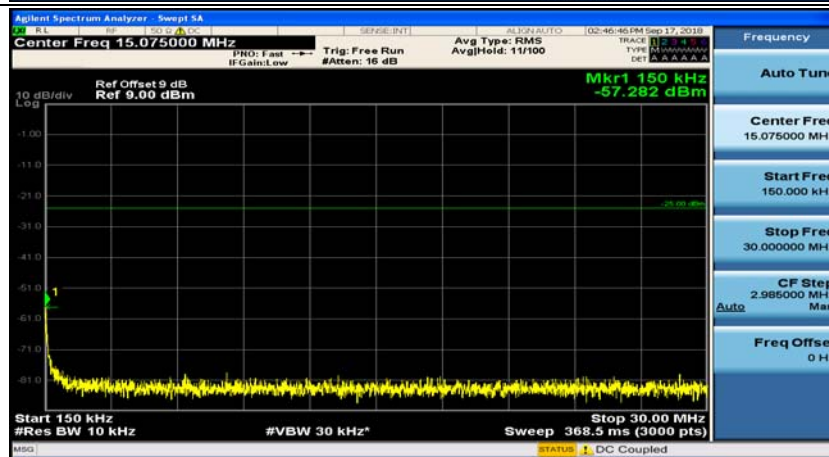
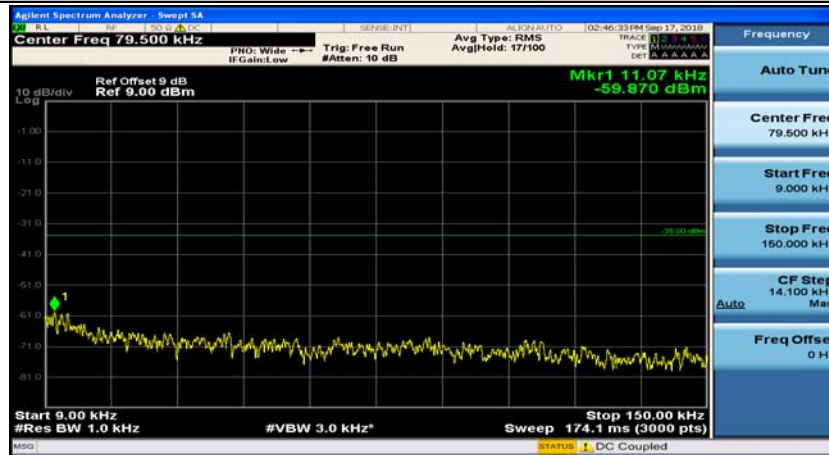


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49

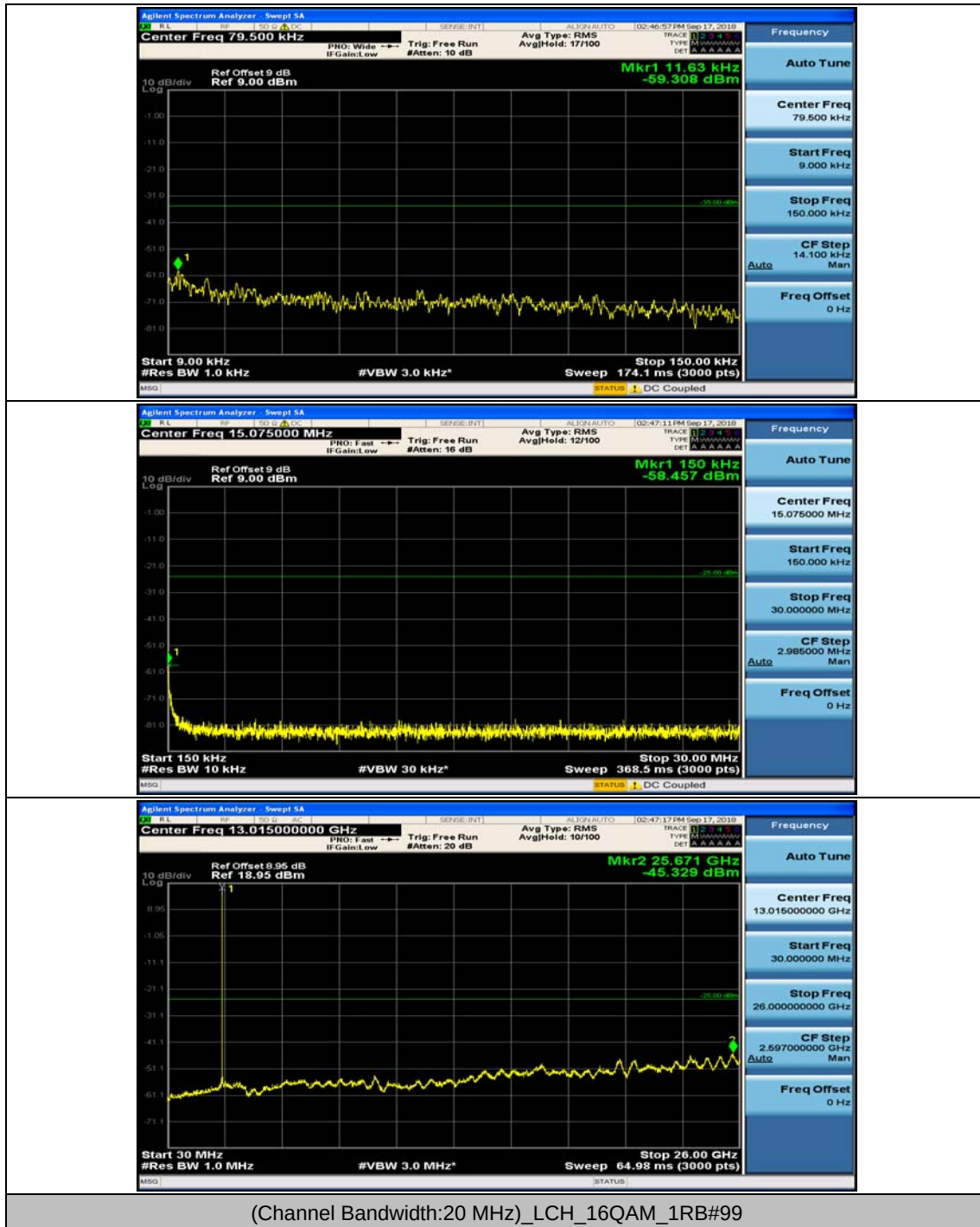


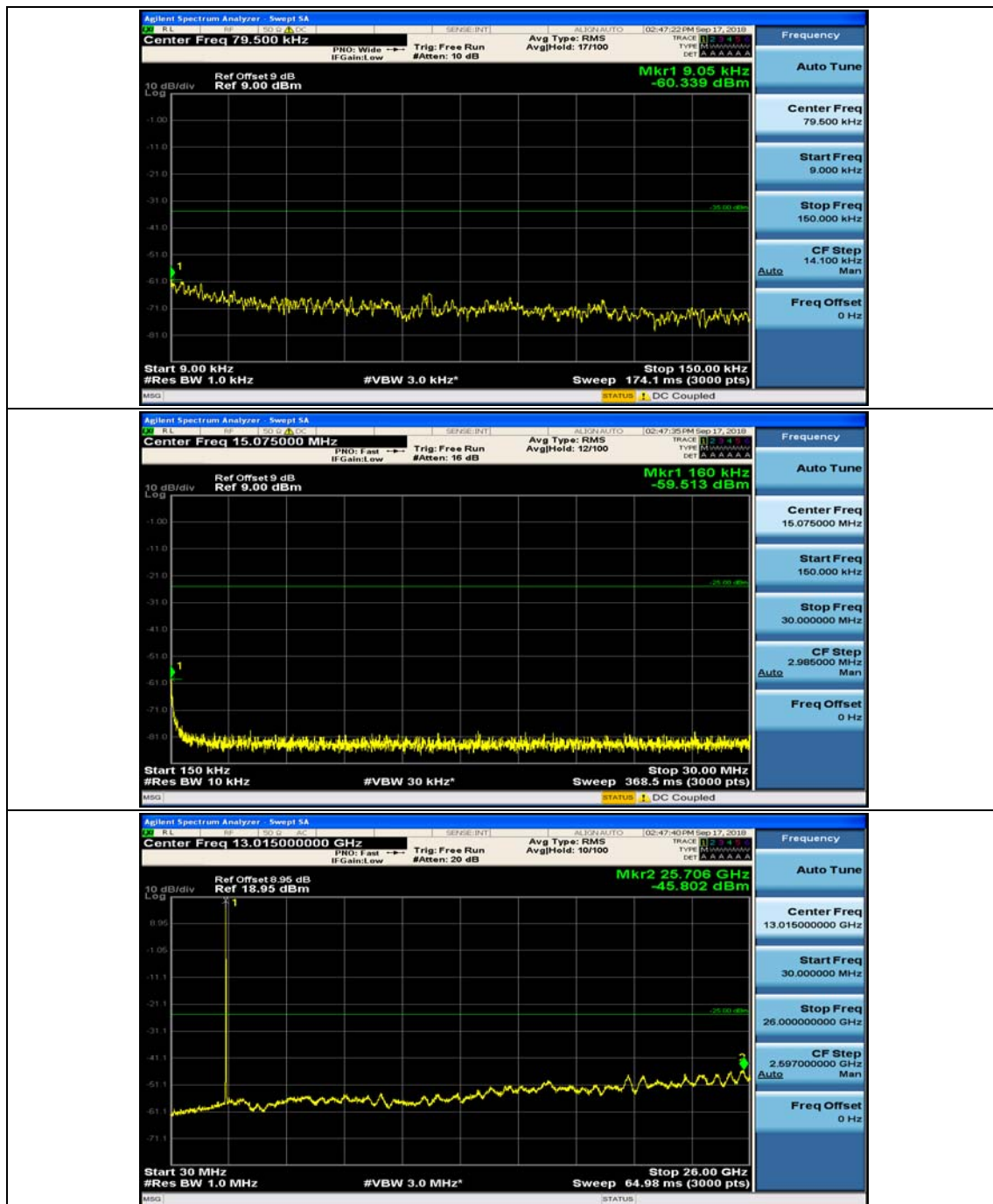


(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0

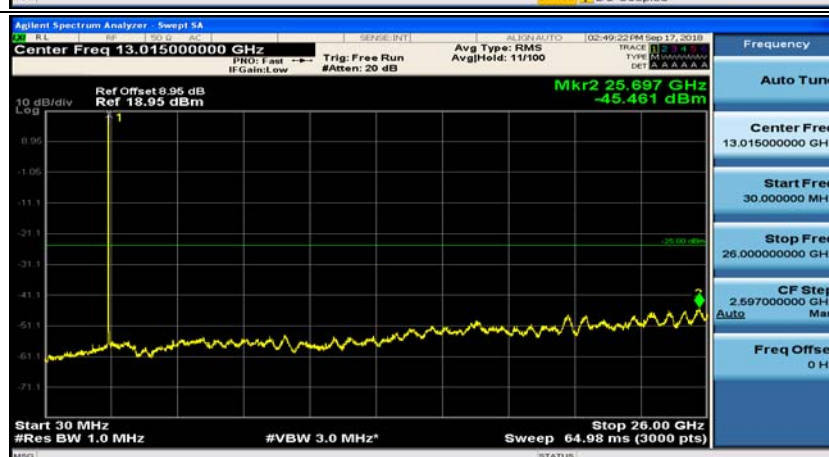
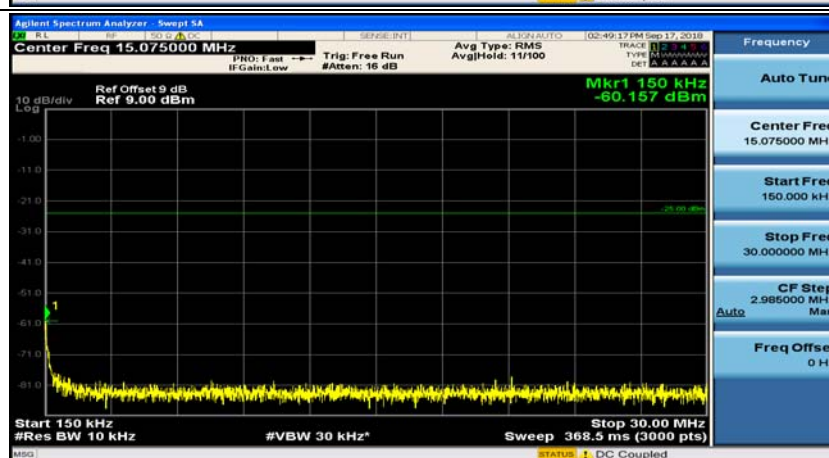
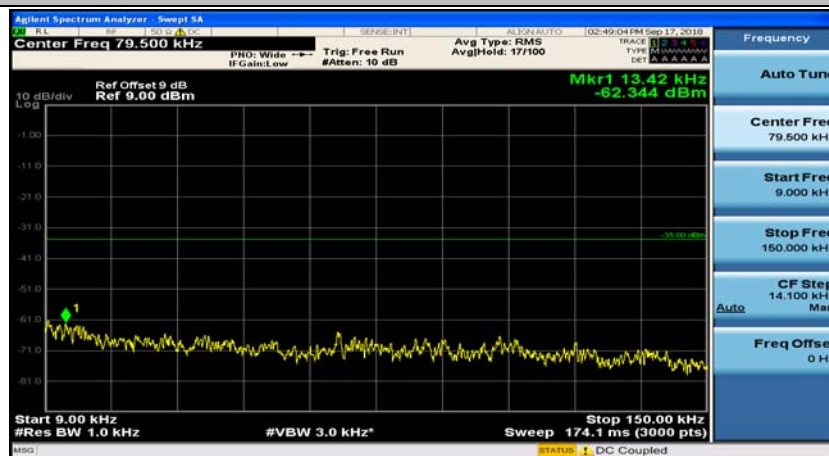


(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49

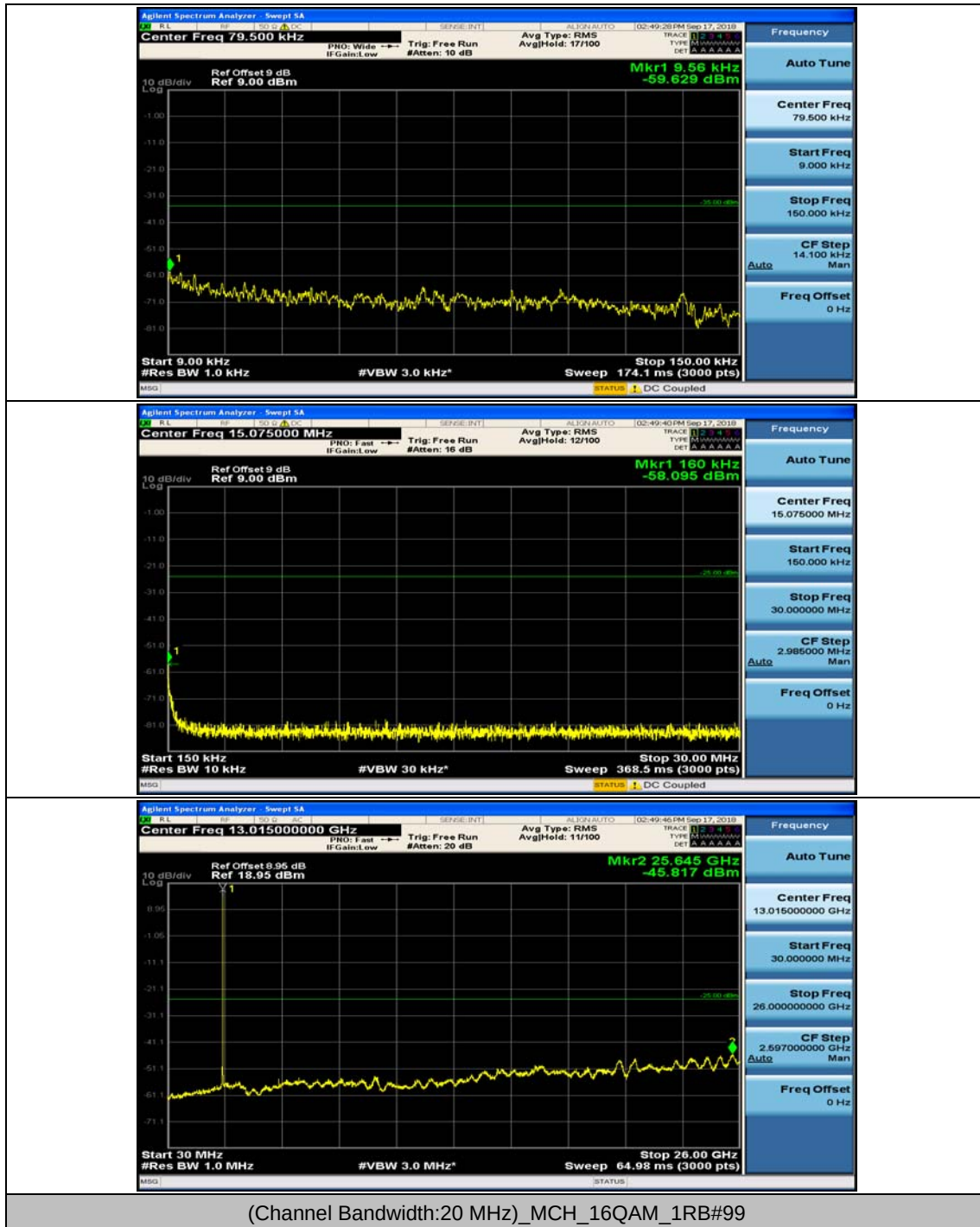


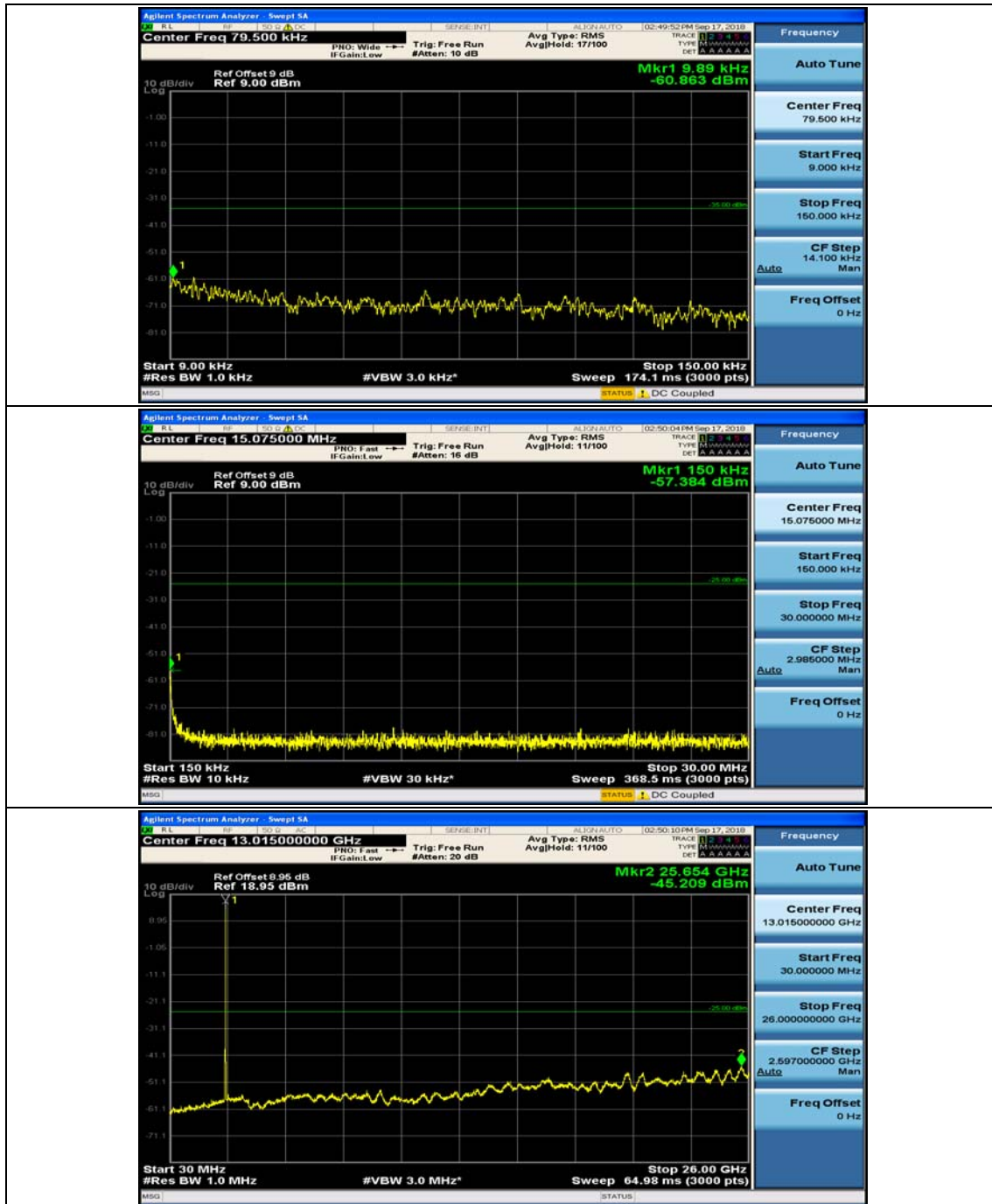


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0

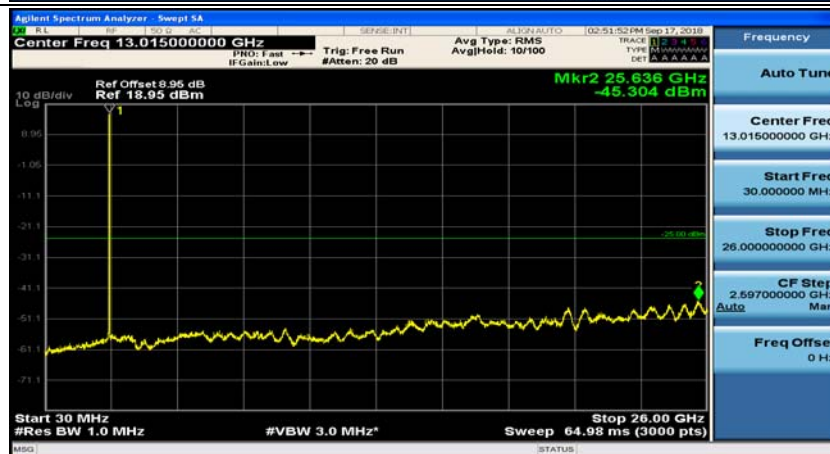
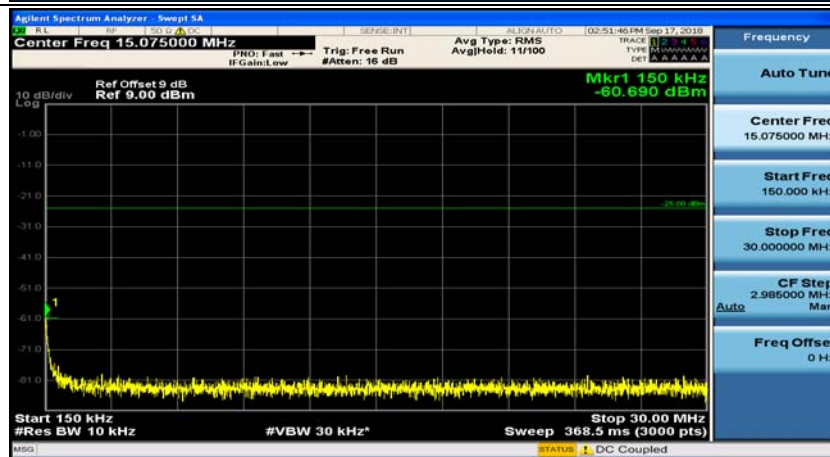
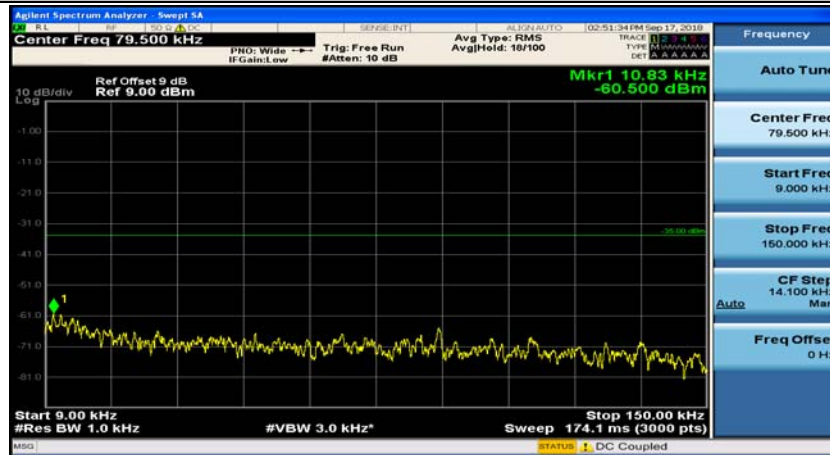


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49

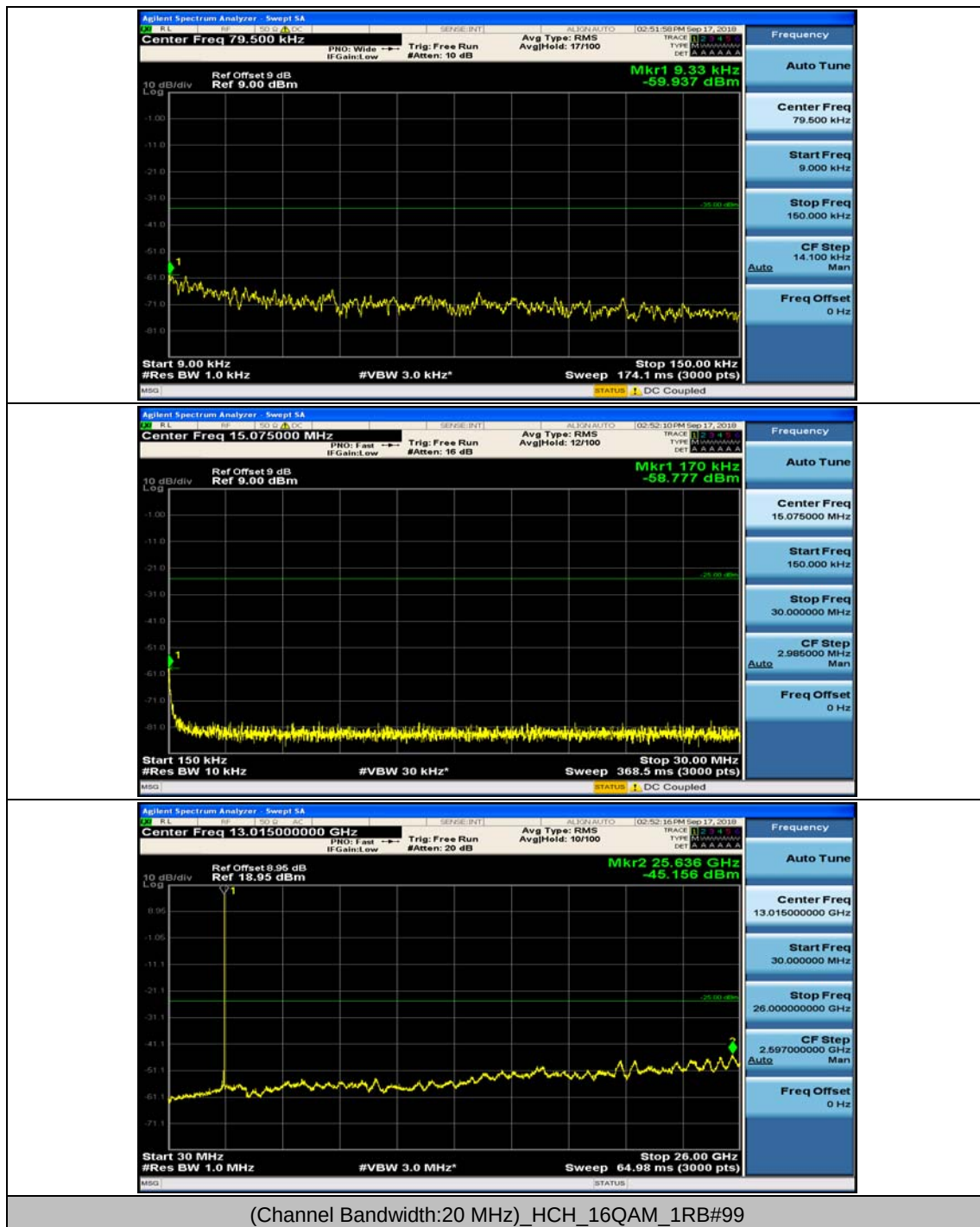


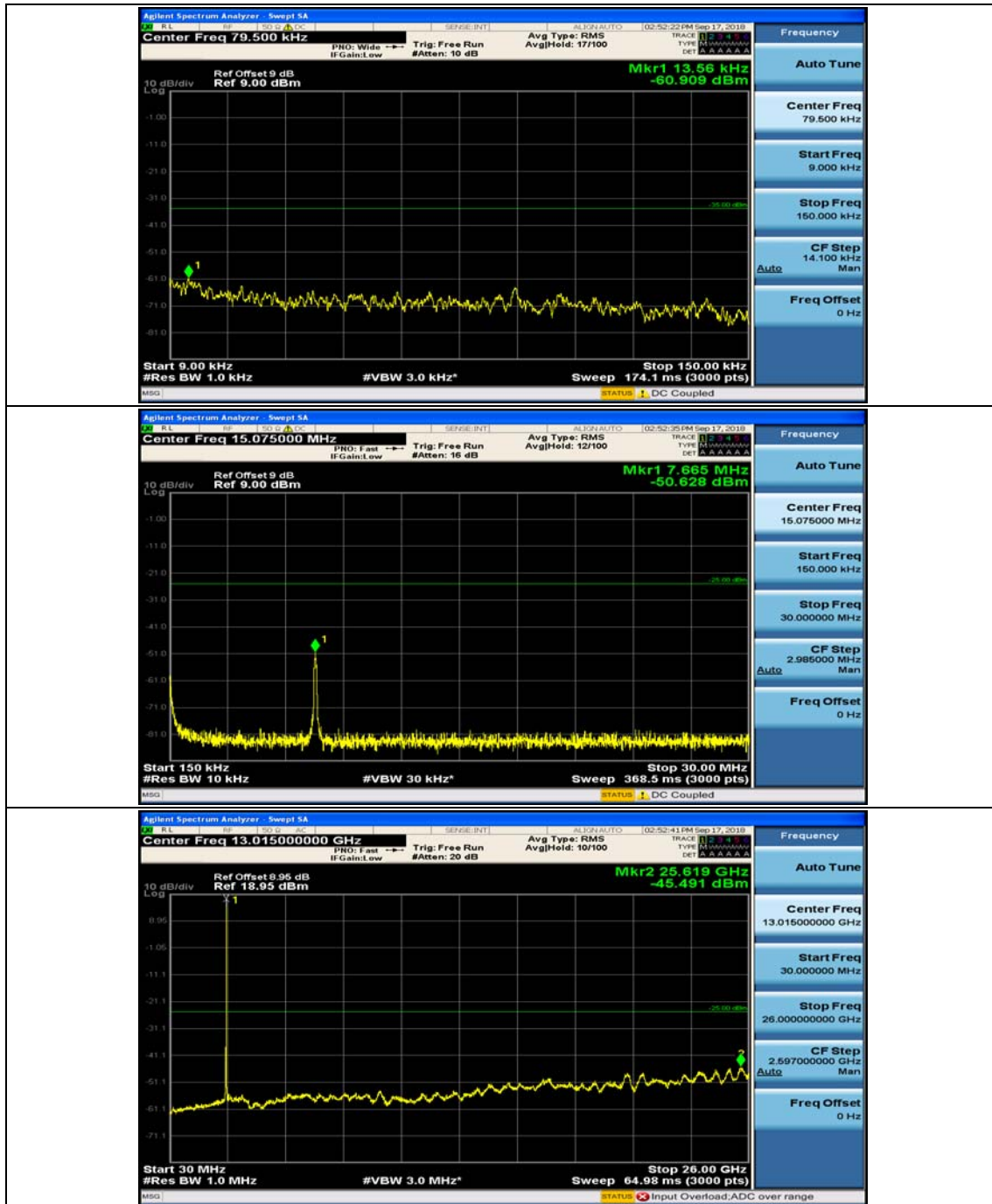


(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49





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	1.94	0.000775	± 2.5	PASS
		VN	TN	0.13	0.000052	± 2.5	PASS
		VH	TN	4.62	0.001846	± 2.5	PASS
	MCH	VL	TN	4.14	0.001633	± 2.5	PASS
		VN	TN	4.62	0.001822	± 2.5	PASS
		VH	TN	3.85	0.001519	± 2.5	PASS
	HCH	VL	TN	4.49	0.001749	± 2.5	PASS
		VN	TN	2.53	0.000985	± 2.5	PASS
		VH	TN	4.68	0.001823	± 2.5	PASS
16QAM	LCH	VL	TN	4.23	0.001690	± 2.5	PASS
		VN	TN	-0.08	-0.000032	± 2.5	PASS
		VH	TN	4.89	0.001954	± 2.5	PASS
	MCH	VL	TN	-0.78	-0.000308	± 2.5	PASS
		VN	TN	2.34	0.000923	± 2.5	PASS
		VH	TN	-0.24	-0.000095	± 2.5	PASS
	HCH	VL	TN	4.73	0.001842	± 2.5	PASS
		VN	TN	1	0.000389	± 2.5	PASS
		VH	TN	4.21	0.001640	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	0.93	0.000372	± 2.5	PASS
		VN	-20	1.46	0.000583	± 2.5	PASS
		VN	-10	4.46	0.001782	± 2.5	PASS
		VN	0	-1.84	-0.000735	± 2.5	PASS
		VN	10	0.91	0.000364	± 2.5	PASS
		VN	20	2.29	0.000915	± 2.5	PASS
		VN	30	3.85	0.001538	± 2.5	PASS
		VN	40	2	0.000799	± 2.5	PASS
		VN	50	-1.09	-0.000436	± 2.5	PASS
	MCH	VN	-30	-1.26	-0.000497	± 2.5	PASS

		VN	-20	2.5	0.000986	± 2.5	PASS
		VN	-10	-0.42	-0.000166	± 2.5	PASS
		VN	0	-1.6	-0.000631	± 2.5	PASS
		VN	10	2.66	0.001049	± 2.5	PASS
		VN	20	1.05	0.000414	± 2.5	PASS
		VN	30	4.38	0.001728	± 2.5	PASS
		VN	40	4.92	0.001941	± 2.5	PASS
		VN	50	0.17	0.000067	± 2.5	PASS
	HCH	VN	-30	1.13	0.000440	± 2.5	PASS
		VN	-20	2.86	0.001114	± 2.5	PASS
		VN	-10	3.84	0.001496	± 2.5	PASS
		VN	0	4.45	0.001733	± 2.5	PASS
		VN	10	1.43	0.000557	± 2.5	PASS
		VN	20	2.25	0.000876	± 2.5	PASS
		VN	30	1.02	0.000397	± 2.5	PASS
		VN	40	2.26	0.000880	± 2.5	PASS
		VN	50	0.88	0.000343	± 2.5	PASS
16QAM	LCH	VN	-30	3.49	0.001395	± 2.5	PASS
		VN	-20	0.29	0.000116	± 2.5	PASS
		VN	-10	0.4	0.000160	± 2.5	PASS
		VN	0	1.52	0.000607	± 2.5	PASS
		VN	10	4.98	0.001990	± 2.5	PASS
		VN	20	1.18	0.000472	± 2.5	PASS
		VN	30	-0.51	-0.000204	± 2.5	PASS
		VN	40	0.16	0.000064	± 2.5	PASS
		VN	50	3.72	0.001487	± 2.5	PASS
	MCH	VN	-30	1.03	0.000406	± 2.5	PASS
		VN	-20	2.06	0.000813	± 2.5	PASS
		VN	-10	-1.21	-0.000477	± 2.5	PASS
		VN	0	0.09	0.000036	± 2.5	PASS
		VN	10	2.64	0.001041	± 2.5	PASS
		VN	20	3.63	0.001432	± 2.5	PASS
		VN	30	-1.78	-0.000702	± 2.5	PASS
		VN	40	-1.49	-0.000588	± 2.5	PASS
		VN	50	2.95	0.001164	± 2.5	PASS
	HCH	VN	-30	1.17	0.000456	± 2.5	PASS
		VN	-20	-0.43	-0.000167	± 2.5	PASS
		VN	-10	2.97	0.001157	± 2.5	PASS
		VN	0	-0.16	-0.000062	± 2.5	PASS
		VN	10	-1.29	-0.000502	± 2.5	PASS
		VN	20	0.71	0.000277	± 2.5	PASS

		VN	30	4.47	0.001741	± 2.5	PASS
		VN	40	4.88	0.001901	± 2.5	PASS
		VN	50	3.37	0.001313	± 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	-0.91	-0.000363	± 2.5	PASS
		VN	TN	3.06	0.001222	± 2.5	PASS
		VH	TN	1.2	0.000479	± 2.5	PASS
	MCH	VL	TN	2.23	0.000880	± 2.5	PASS
		VN	TN	-0.18	-0.000071	± 2.5	PASS
		VH	TN	-1.55	-0.000611	± 2.5	PASS
	HCH	VL	TN	0.28	0.000109	± 2.5	PASS
		VN	TN	2.77	0.001080	± 2.5	PASS
		VH	TN	2.52	0.000982	± 2.5	PASS
16QAM	LCH	VL	TN	0.62	0.000248	± 2.5	PASS
		VN	TN	1.89	0.000754	± 2.5	PASS
		VH	TN	2.7	0.001078	± 2.5	PASS
	MCH	VL	TN	-0.15	-0.000059	± 2.5	PASS
		VN	TN	0.98	0.000387	± 2.5	PASS
		VH	TN	3.98	0.001570	± 2.5	PASS
	HCH	VL	TN	3.88	0.001513	± 2.5	PASS
		VN	TN	3.91	0.001524	± 2.5	PASS
		VH	TN	1.45	0.000565	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
16QAM	LCH	VN	-30	4.27	0.001705	± 2.5	PASS
		VN	-20	-0.55	-0.000220	± 2.5	PASS
		VN	-10	1.05	0.000419	± 2.5	PASS
		VN	0	4.18	0.001669	± 2.5	PASS
		VN	10	-0.31	-0.000124	± 2.5	PASS
		VN	20	1.17	0.000467	± 2.5	PASS
		VN	30	2.65	0.001058	± 2.5	PASS
		VN	40	2.98	0.001190	± 2.5	PASS
		VN	50	-1.12	-0.000447	± 2.5	PASS
	MCH	VN	-30	-0.86	-0.000339	± 2.5	PASS
		VN	-20	1.26	0.000497	± 2.5	PASS

		VN	-10	4.8	0.001893	± 2.5	PASS
		VN	0	-0.41	-0.000162	± 2.5	PASS
		VN	10	-1.31	-0.000517	± 2.5	PASS
		VN	20	-1.53	-0.000604	± 2.5	PASS
		VN	30	-1.33	-0.000525	± 2.5	PASS
		VN	40	1.96	0.000773	± 2.5	PASS
		VN	50	1.73	0.000682	± 2.5	PASS
	HCH	VN	-30	2.79	0.001088	± 2.5	PASS
		VN	-20	2.45	0.000955	± 2.5	PASS
		VN	-10	1.28	0.000499	± 2.5	PASS
		VN	0	2.32	0.000904	± 2.5	PASS
		VN	10	1.5	0.000585	± 2.5	PASS
		VN	20	1.73	0.000674	± 2.5	PASS
		VN	30	0.04	0.000016	± 2.5	PASS
		VN	40	-1.58	-0.000616	± 2.5	PASS
		VN	50	1.41	0.000550	± 2.5	PASS
QPSK	LCH	VN	-30	3.79	0.001513	± 2.5	PASS
		VN	-20	-1.9	-0.000758	± 2.5	PASS
		VN	-10	-0.19	-0.000076	± 2.5	PASS
		VN	0	4.69	0.001872	± 2.5	PASS
		VN	10	1.97	0.000786	± 2.5	PASS
		VN	20	2.68	0.001070	± 2.5	PASS
		VN	30	1.32	0.000527	± 2.5	PASS
		VN	40	2.03	0.000810	± 2.5	PASS
		VN	50	4.21	0.001681	± 2.5	PASS
	MCH	VN	-30	1.41	0.000556	± 2.5	PASS
		VN	-20	1.25	0.000493	± 2.5	PASS
		VN	-10	2.6	0.001026	± 2.5	PASS
		VN	0	0.74	0.000292	± 2.5	PASS
		VN	10	-1.93	-0.000761	± 2.5	PASS
		VN	20	3.25	0.001282	± 2.5	PASS
		VN	30	-0.23	-0.000091	± 2.5	PASS
		VN	40	4.38	0.001728	± 2.5	PASS
		VN	50	4.91	0.001937	± 2.5	PASS
	HCH	VN	-30	-0.94	-0.000366	± 2.5	PASS
		VN	-20	0.07	0.000027	± 2.5	PASS
		VN	-10	3.02	0.001177	± 2.5	PASS
		VN	0	-1.37	-0.000534	± 2.5	PASS
		VN	10	3.92	0.001528	± 2.5	PASS
		VN	20	0.1	0.000039	± 2.5	PASS
		VN	30	-1.65	-0.000643	± 2.5	PASS

		VN	40	1.8	0.000702	± 2.5	PASS
		VN	50	1.42	0.000554	± 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	4.83	0.001926	± 2.5	PASS
		VN	TN	-1.14	-0.000455	± 2.5	PASS
		VH	TN	0.79	0.000315	± 2.5	PASS
	MCH	VL	TN	2.65	0.001045	± 2.5	PASS
		VN	TN	0.42	0.000166	± 2.5	PASS
		VH	TN	-0.88	-0.000347	± 2.5	PASS
	HCH	VL	TN	-1.28	-0.000500	± 2.5	PASS
		VN	TN	0.92	0.000359	± 2.5	PASS
		VH	TN	3.72	0.001452	± 2.5	PASS
16QAM	LCH	VL	TN	-0.99	-0.000395	± 2.5	PASS
		VN	TN	3.35	0.001336	± 2.5	PASS
		VH	TN	2.95	0.001176	± 2.5	PASS
	MCH	VL	TN	0.64	0.000252	± 2.5	PASS
		VN	TN	1.04	0.000410	± 2.5	PASS
		VH	TN	2.6	0.001026	± 2.5	PASS
	HCH	VL	TN	1.72	0.000671	± 2.5	PASS
		VN	TN	-0.53	-0.000207	± 2.5	PASS
		VH	TN	3.32	0.001296	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-0.63	-0.000251	± 2.5	PASS
		VN	-20	1.25	0.000499	± 2.5	PASS
		VN	-10	1.38	0.000550	± 2.5	PASS
		VN	0	-1.73	-0.000690	± 2.5	PASS
		VN	10	0.39	0.000156	± 2.5	PASS
		VN	20	1.34	0.000534	± 2.5	PASS
		VN	30	-0.86	-0.000343	± 2.5	PASS
		VN	40	3.41	0.001360	± 2.5	PASS
		VN	50	1.55	0.000618	± 2.5	PASS
	MCH	VN	-30	0.55	0.000217	± 2.5	PASS
		VN	-20	-0.9	-0.000355	± 2.5	PASS
		VN	-10	2.13	0.000840	± 2.5	PASS

		VN	0	1.86	0.000734	± 2.5	PASS
		VN	10	-0.76	-0.000300	± 2.5	PASS
		VN	20	-1.78	-0.000702	± 2.5	PASS
		VN	30	4.66	0.001838	± 2.5	PASS
		VN	40	2.38	0.000939	± 2.5	PASS
		VN	50	4.99	0.001968	± 2.5	PASS
	HCH	VN	-30	4.17	0.001627	± 2.5	PASS
		VN	-20	4.06	0.001584	± 2.5	PASS
		VN	-10	-1.14	-0.000445	± 2.5	PASS
		VN	0	-1.83	-0.000714	± 2.5	PASS
		VN	10	0.18	0.000070	± 2.5	PASS
		VN	20	4.18	0.001631	± 2.5	PASS
		VN	30	3.59	0.001401	± 2.5	PASS
		VN	40	3.89	0.001518	± 2.5	PASS
		VN	50	-0.21	-0.000082	± 2.5	PASS
16QAM	LCH	VN	-30	-0.73	-0.000291	± 2.5	PASS
		VN	-20	0.97	0.000387	± 2.5	PASS
		VN	-10	-0.81	-0.000323	± 2.5	PASS
		VN	0	1.49	0.000594	± 2.5	PASS
		VN	10	2.82	0.001125	± 2.5	PASS
		VN	20	-1.27	-0.000506	± 2.5	PASS
		VN	30	-0.79	-0.000315	± 2.5	PASS
		VN	40	3.93	0.001567	± 2.5	PASS
		VN	50	-0.54	-0.000215	± 2.5	PASS
	MCH	VN	-30	4.58	0.001807	± 2.5	PASS
		VN	-20	-1.36	-0.000536	± 2.5	PASS
		VN	-10	3.05	0.001203	± 2.5	PASS
		VN	0	-0.74	-0.000292	± 2.5	PASS
		VN	10	3.4	0.001341	± 2.5	PASS
		VN	20	4.81	0.001897	± 2.5	PASS
		VN	30	2.18	0.000860	± 2.5	PASS
		VN	40	-1.96	-0.000773	± 2.5	PASS
		VN	50	-1.8	-0.000710	± 2.5	PASS
	HCH	VN	-30	4.2	0.001639	± 2.5	PASS
		VN	-20	4.69	0.001830	± 2.5	PASS
		VN	-10	1.42	0.000554	± 2.5	PASS
		VN	0	3.53	0.001378	± 2.5	PASS
		VN	10	4.34	0.001694	± 2.5	PASS
		VN	20	1.75	0.000683	± 2.5	PASS
		VN	30	3.41	0.001331	± 2.5	PASS
		VN	40	3.35	0.001307	± 2.5	PASS

		VN	50	4.71	0.001838	± 2.5	PASS
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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	4.66	0.001857	± 2.5	PASS
		VN	TN	-0.71	-0.000283	± 2.5	PASS
		VH	TN	4.51	0.001797	± 2.5	PASS
	MCH	VL	TN	-1.21	-0.000477	± 2.5	PASS
		VN	TN	0.78	0.000308	± 2.5	PASS
		VH	TN	3.2	0.001262	± 2.5	PASS
	HCH	VL	TN	-0.43	-0.000168	± 2.5	PASS
		VN	TN	-0.41	-0.000160	± 2.5	PASS
		VH	TN	3	0.001172	± 2.5	PASS
16QAM	LCH	VL	TN	3.24	0.001291	± 2.5	PASS
		VN	TN	3.2	0.001275	± 2.5	PASS
		VH	TN	4.68	0.001865	± 2.5	PASS
	MCH	VL	TN	-1.04	-0.000410	± 2.5	PASS
		VN	TN	1.01	0.000398	± 2.5	PASS
		VH	TN	-0.83	-0.000327	± 2.5	PASS
	HCH	VL	TN	3.99	0.001559	± 2.5	PASS
		VN	TN	-0.27	-0.000105	± 2.5	PASS
		VH	TN	4.03	0.001574	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	4.55	0.001813	± 2.5	PASS
		VN	-20	-1.93	-0.000769	± 2.5	PASS
		VN	-10	-0.29	-0.000116	± 2.5	PASS
		VN	0	2.68	0.001068	± 2.5	PASS
		VN	10	1.02	0.000406	± 2.5	PASS
		VN	20	0.05	0.000020	± 2.5	PASS
		VN	30	4.48	0.001785	± 2.5	PASS
		VN	40	3.63	0.001446	± 2.5	PASS
		VN	50	0.85	0.000339	± 2.5	PASS
	MCH	VN	-30	0.37	0.000146	± 2.5	PASS
		VN	-20	1.93	0.000761	± 2.5	PASS
		VN	-10	0.33	0.000130	± 2.5	PASS
		VN	0	1.6	0.000631	± 2.5	PASS

		VN	10	4.5	0.001775	± 2.5	PASS
		VN	20	3.35	0.001321	± 2.5	PASS
		VN	30	-0.68	-0.000268	± 2.5	PASS
		VN	40	3.6	0.001420	± 2.5	PASS
		VN	50	0.5	0.000197	± 2.5	PASS
	HCH	VN	-30	4.27	0.001668	± 2.5	PASS
		VN	-20	-1.1	-0.000430	± 2.5	PASS
		VN	-10	-1.89	-0.000738	± 2.5	PASS
		VN	0	3.08	0.001203	± 2.5	PASS
		VN	10	3.62	0.001414	± 2.5	PASS
		VN	20	-0.03	-0.000012	± 2.5	PASS
		VN	30	-1.07	-0.000418	± 2.5	PASS
		VN	40	4.42	0.001727	± 2.5	PASS
		VN	50	-1.58	-0.000617	± 2.5	PASS
		VN	-30	-1.91	-0.000761	± 2.5	PASS
16QAM	LCH	VN	-20	-1.68	-0.000669	± 2.5	PASS
		VN	-10	-0.67	-0.000267	± 2.5	PASS
		VN	0	2.55	0.001016	± 2.5	PASS
		VN	10	4.67	0.001861	± 2.5	PASS
		VN	20	-1.02	-0.000406	± 2.5	PASS
		VN	30	-0.05	-0.000020	± 2.5	PASS
		VN	40	4.17	0.001661	± 2.5	PASS
		VN	50	2.33	0.000928	± 2.5	PASS
	MCH	VN	-30	0.2	0.000079	± 2.5	PASS
		VN	-20	4.24	0.001673	± 2.5	PASS
		VN	-10	0.74	0.000292	± 2.5	PASS
		VN	0	1.17	0.000462	± 2.5	PASS
		VN	10	1.57	0.000619	± 2.5	PASS
		VN	20	1.1	0.000434	± 2.5	PASS
		VN	30	0.71	0.000280	± 2.5	PASS
		VN	40	2.82	0.001112	± 2.5	PASS
		VN	50	4.53	0.001787	± 2.5	PASS
	HCH	VN	-30	-1.94	-0.000758	± 2.5	PASS
		VN	-20	0.78	0.000305	± 2.5	PASS
		VN	-10	4.88	0.001906	± 2.5	PASS
		VN	0	0.34	0.000133	± 2.5	PASS
		VN	10	0.3	0.000117	± 2.5	PASS
		VN	20	4.73	0.001848	± 2.5	PASS
		VN	30	3.9	0.001523	± 2.5	PASS
		VN	40	1.14	0.000445	± 2.5	PASS
		VN	50	-1.54	-0.000602	± 2.5	PASS