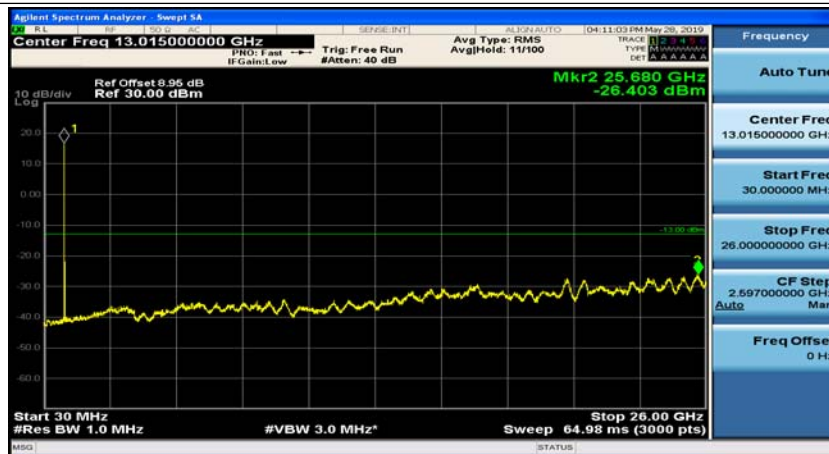
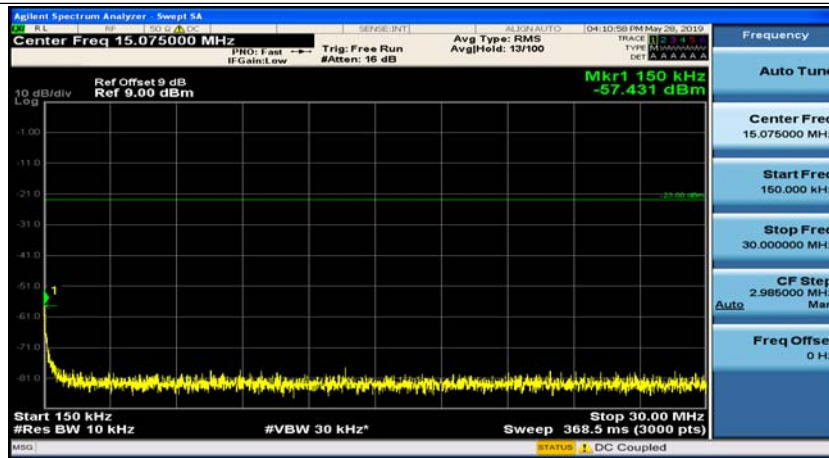
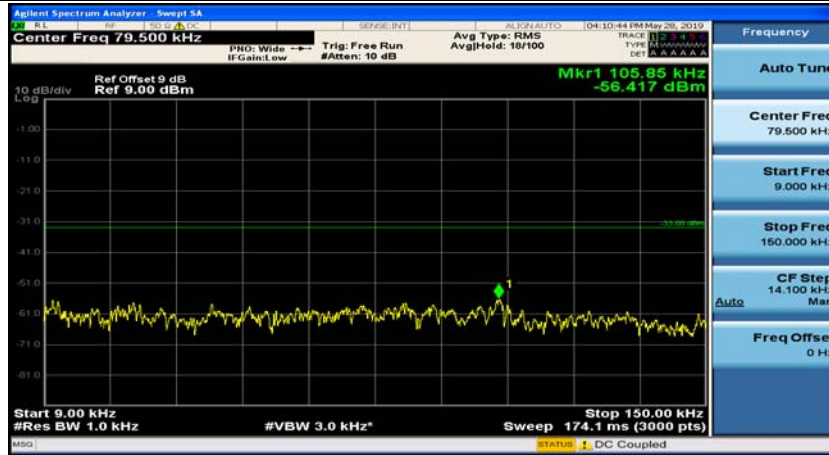
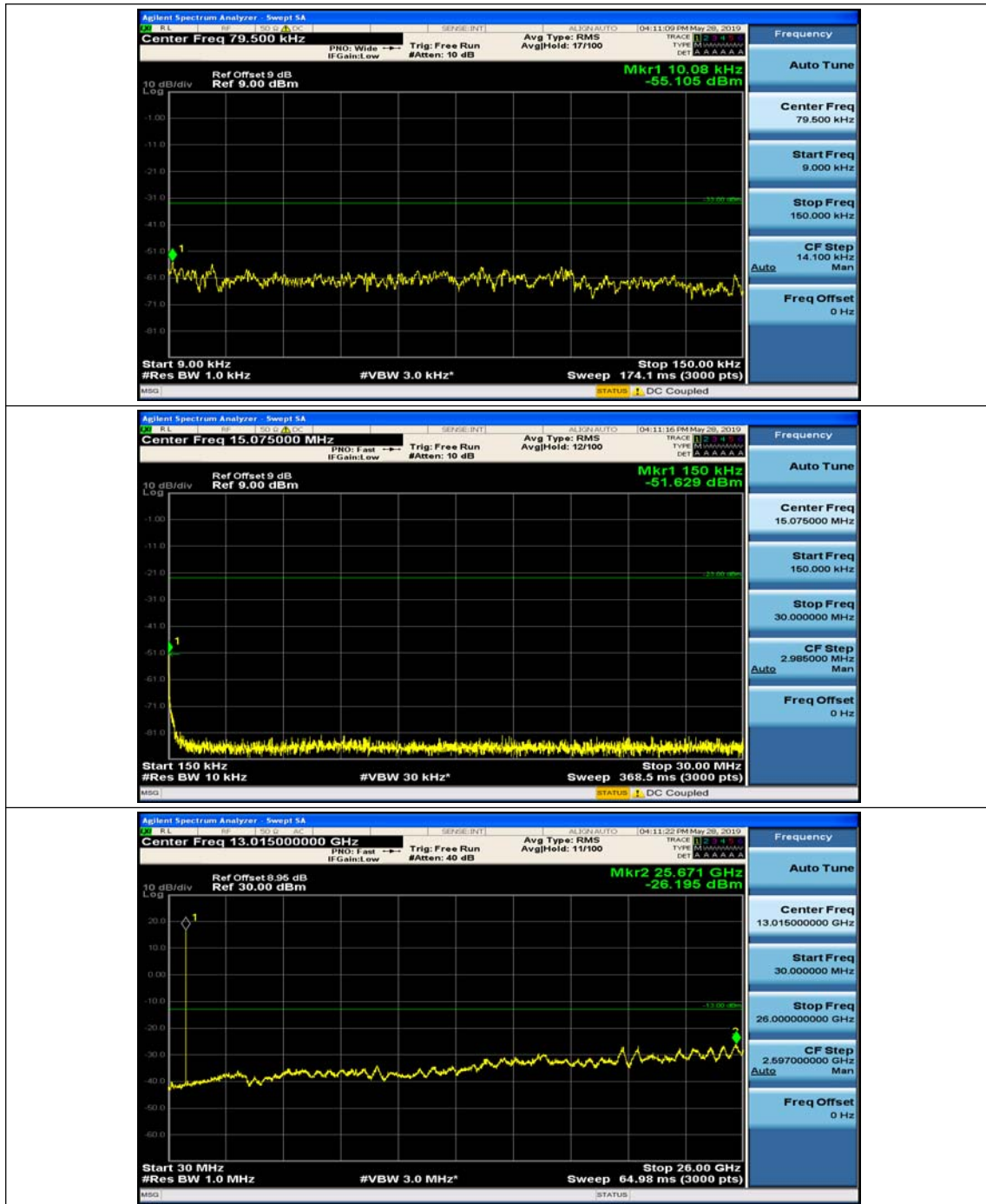


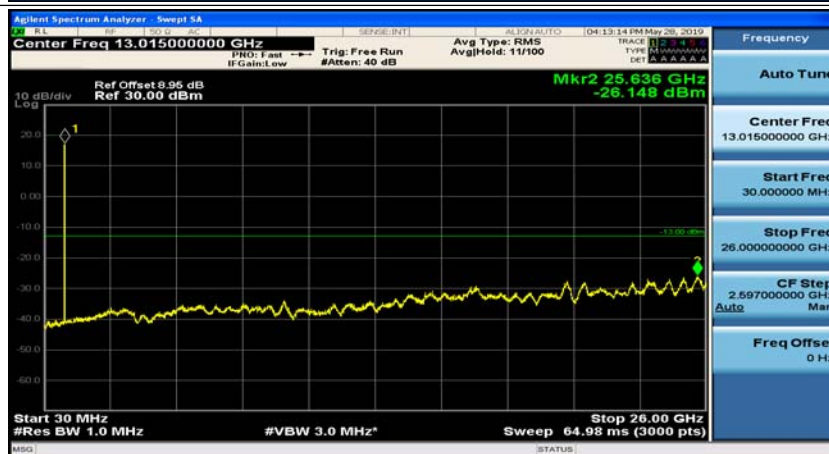
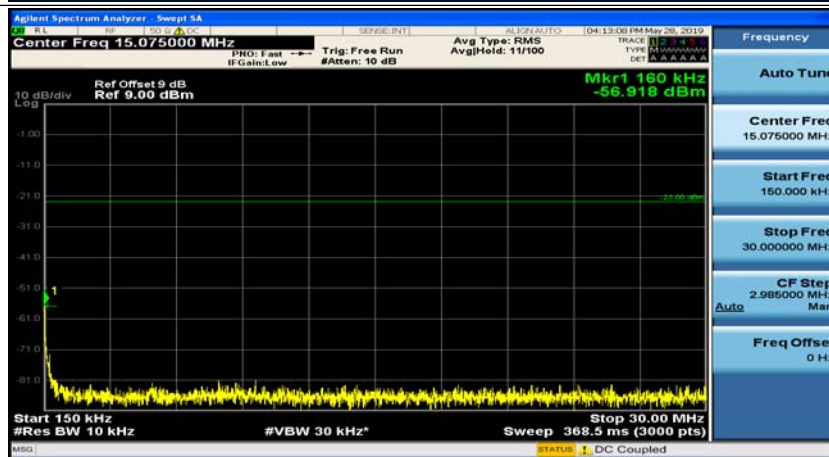
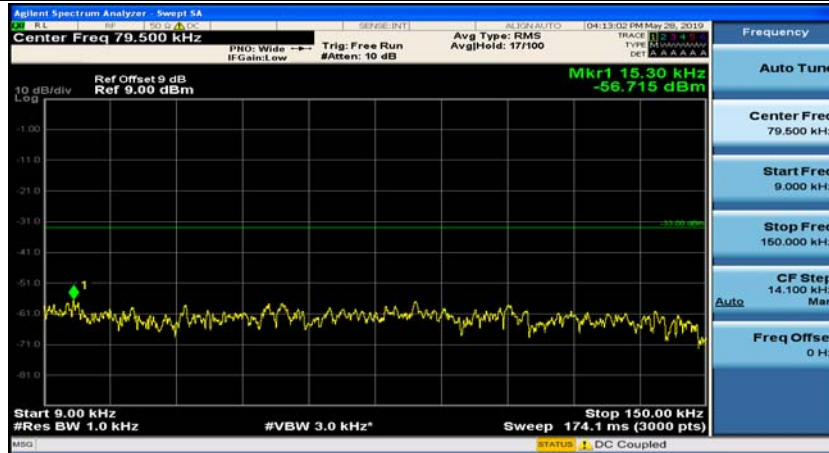
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0



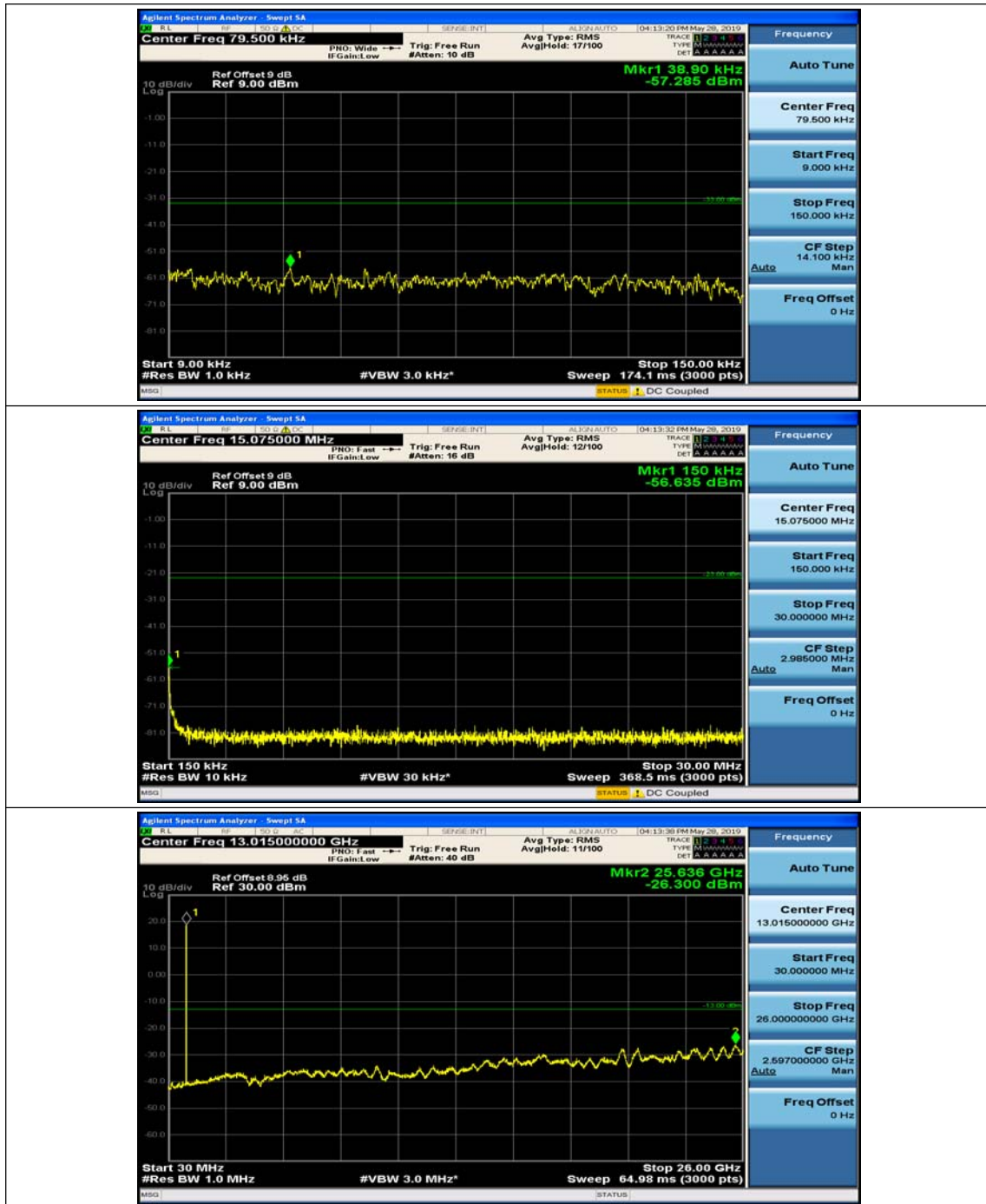
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7



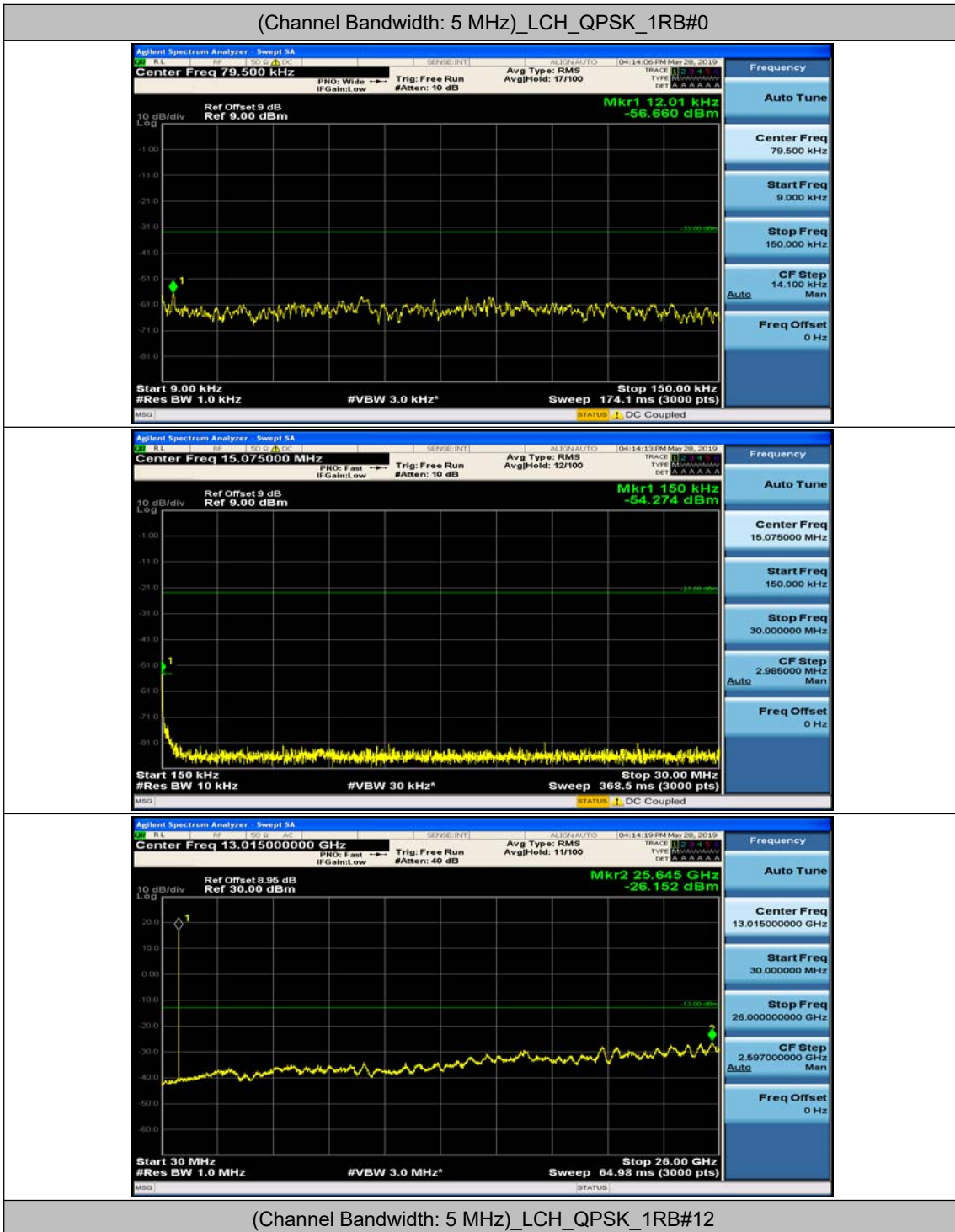
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0

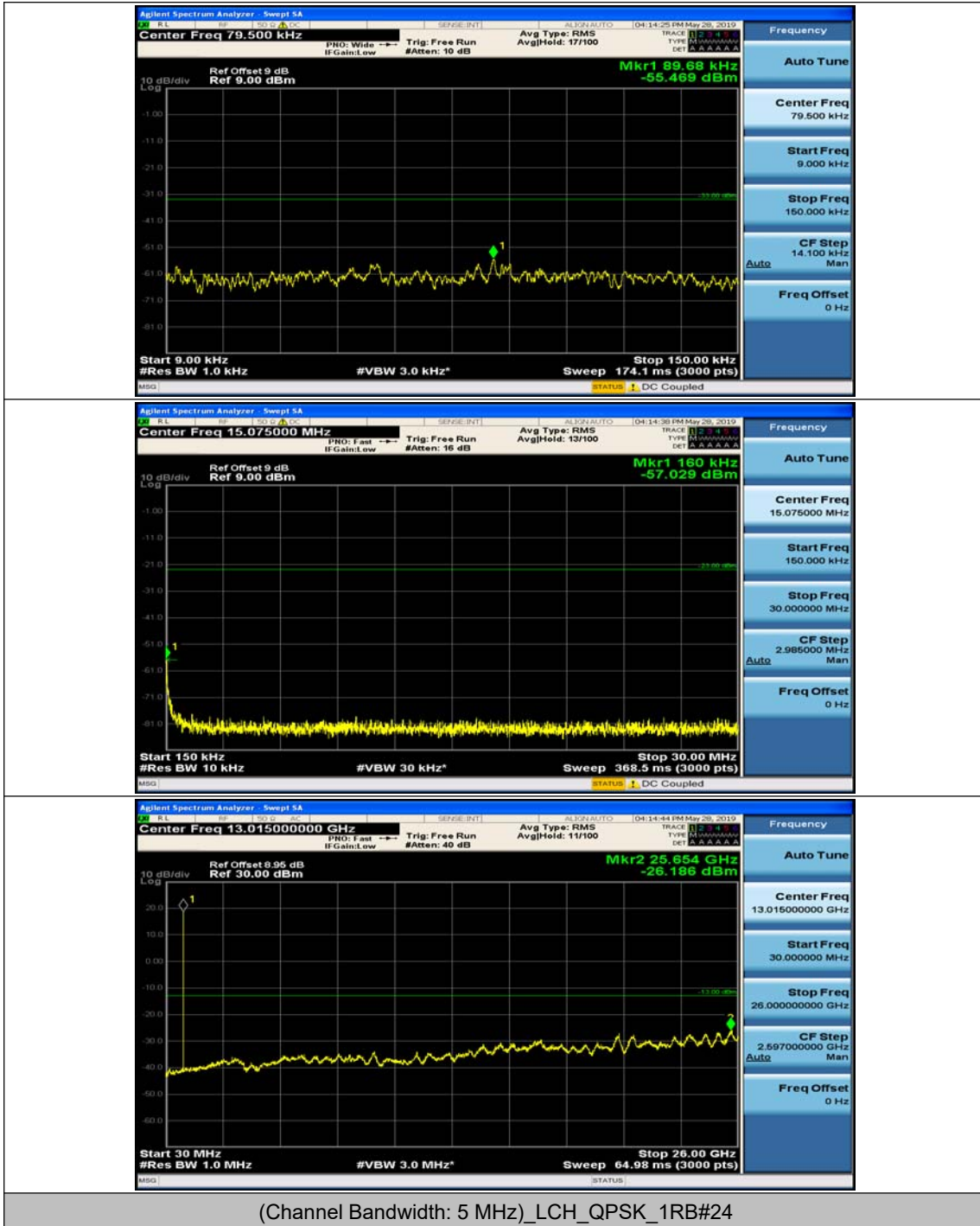


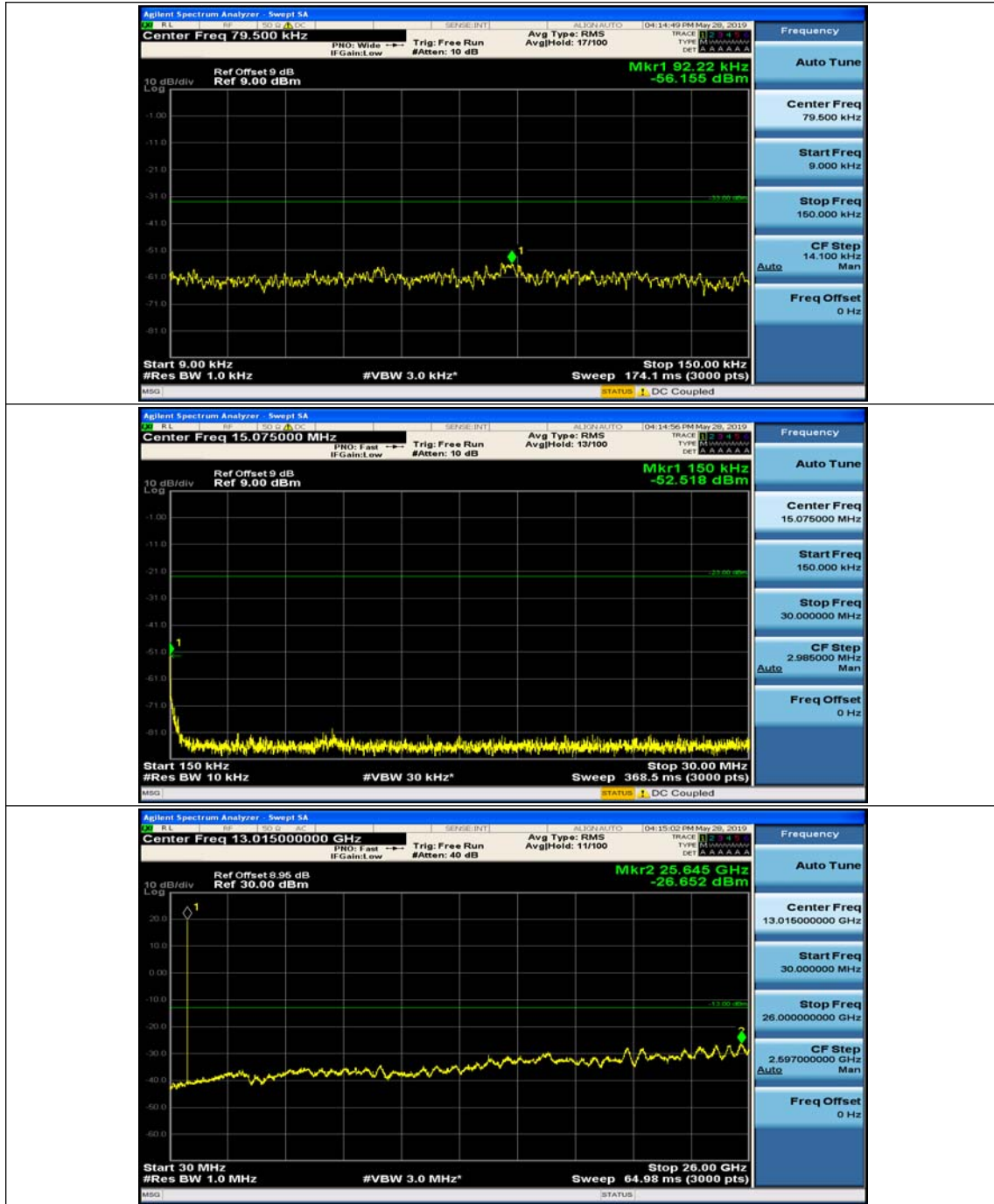
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7



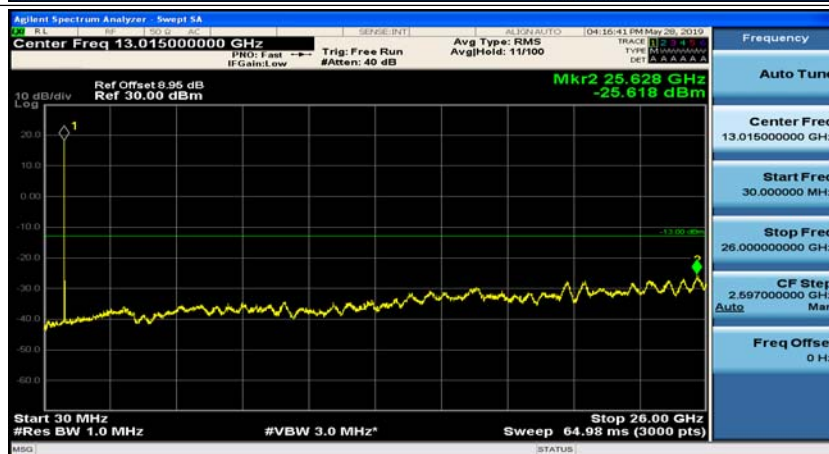
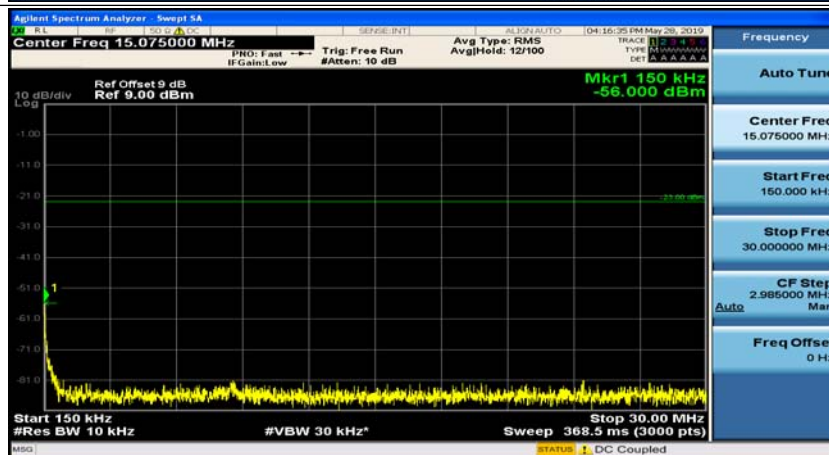
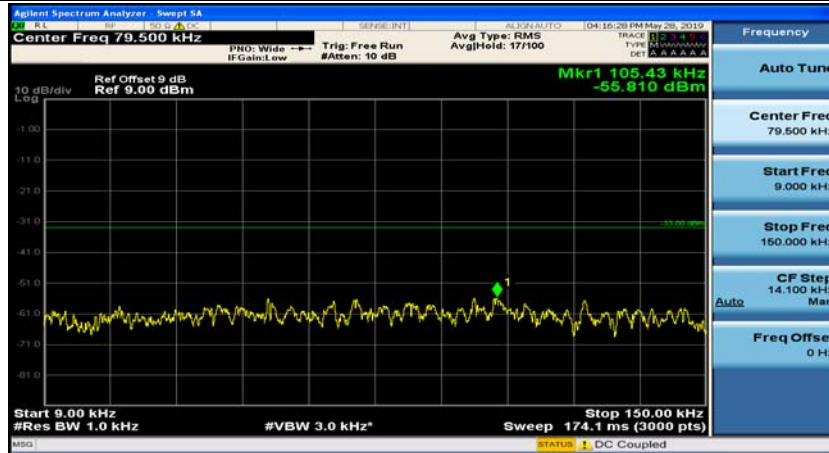
Channel Bandwidth: 5 MHz



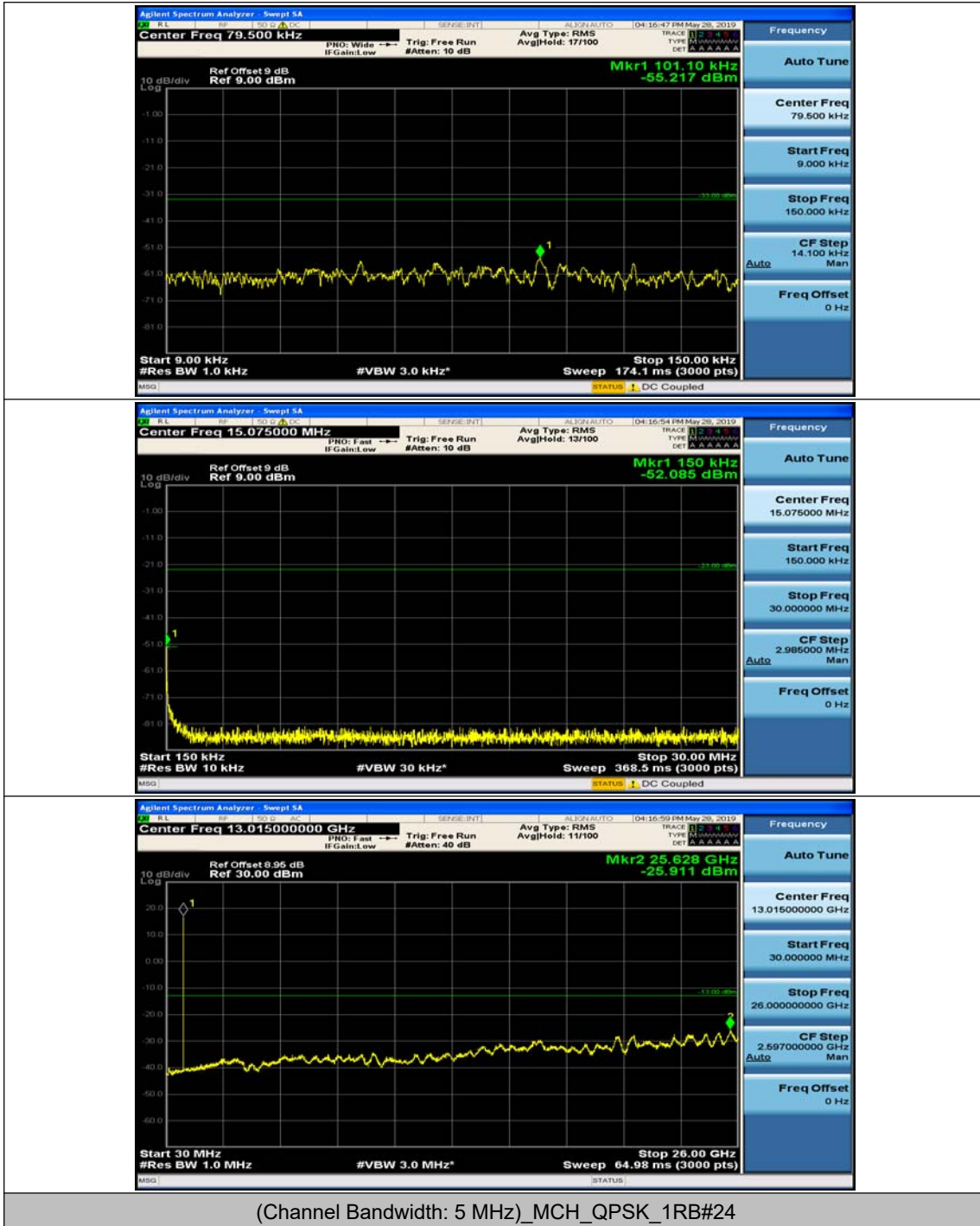




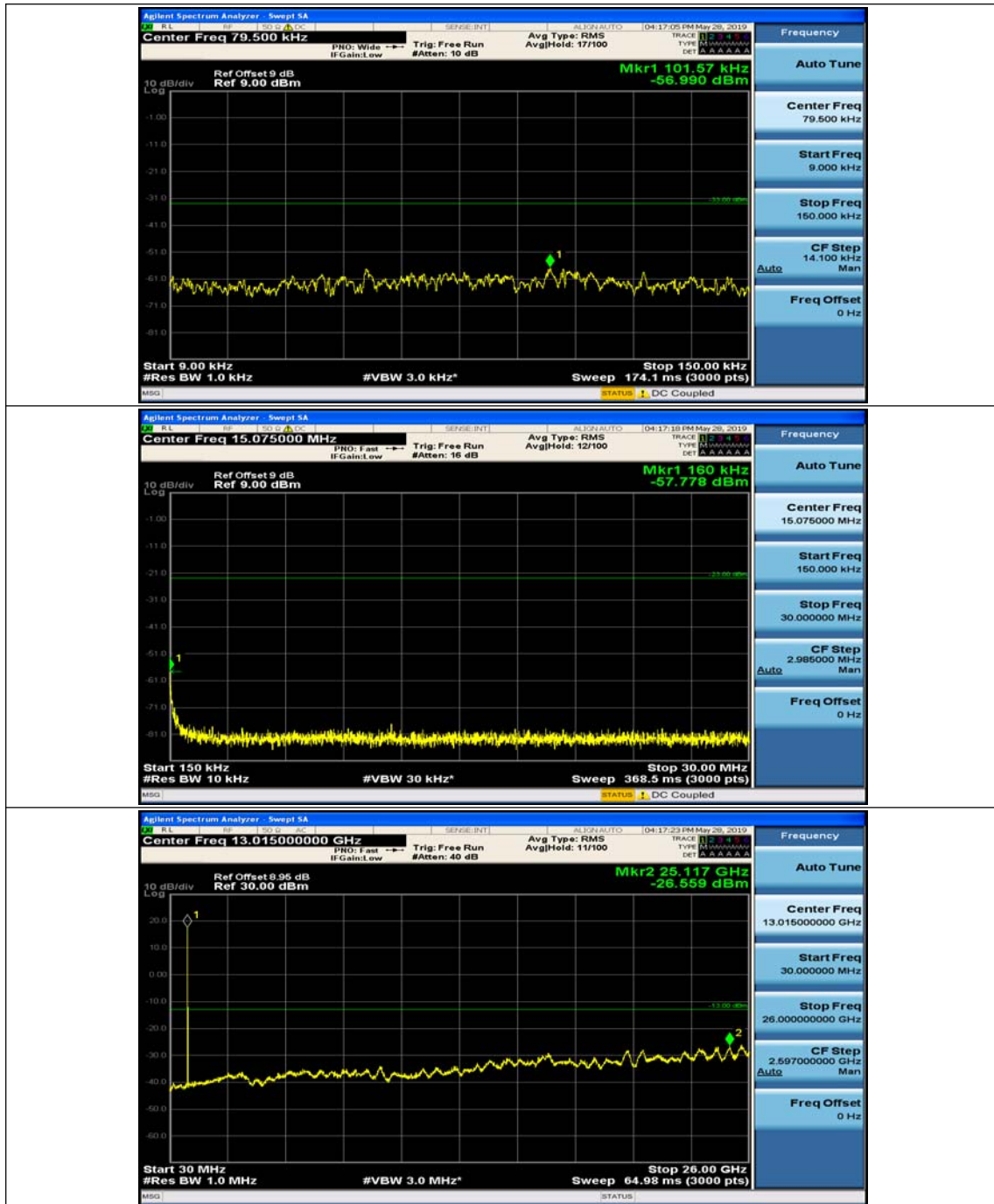
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



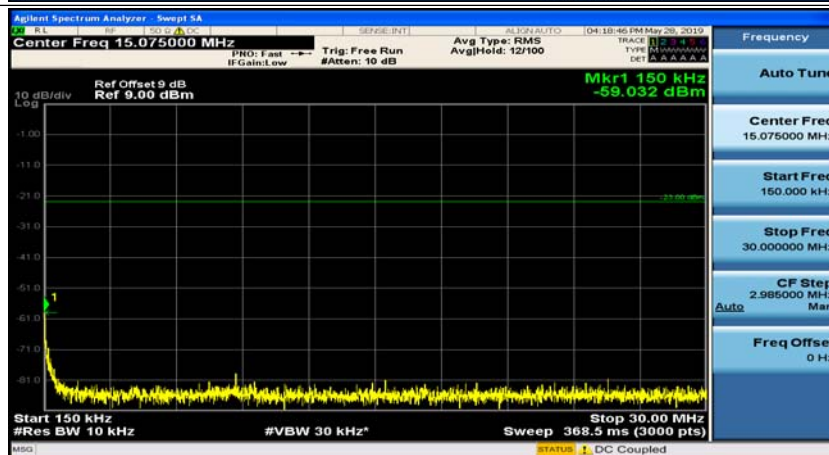
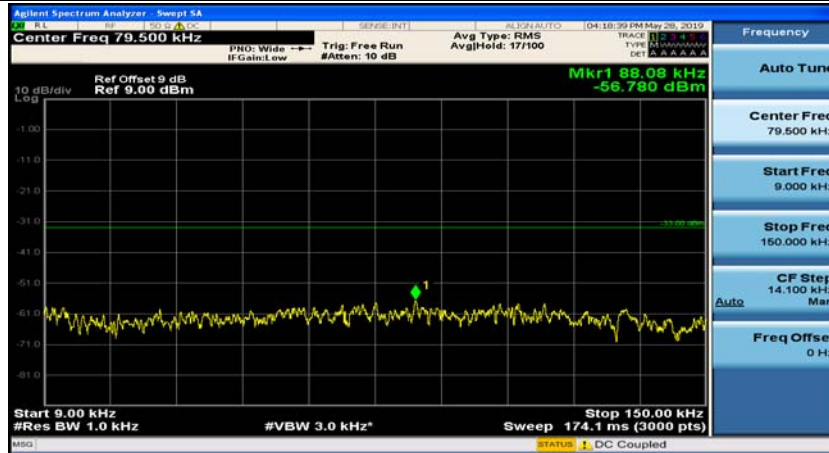
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



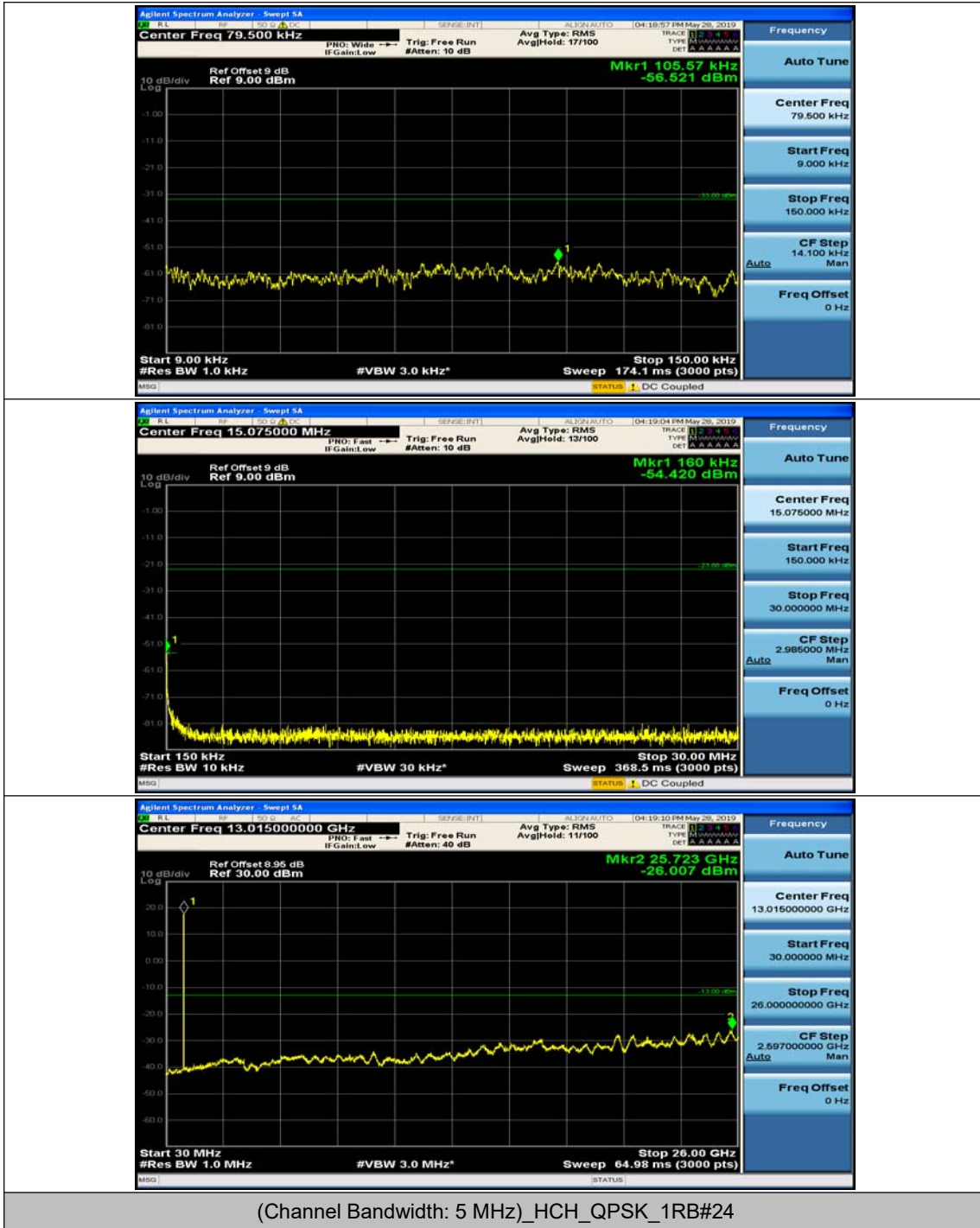
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

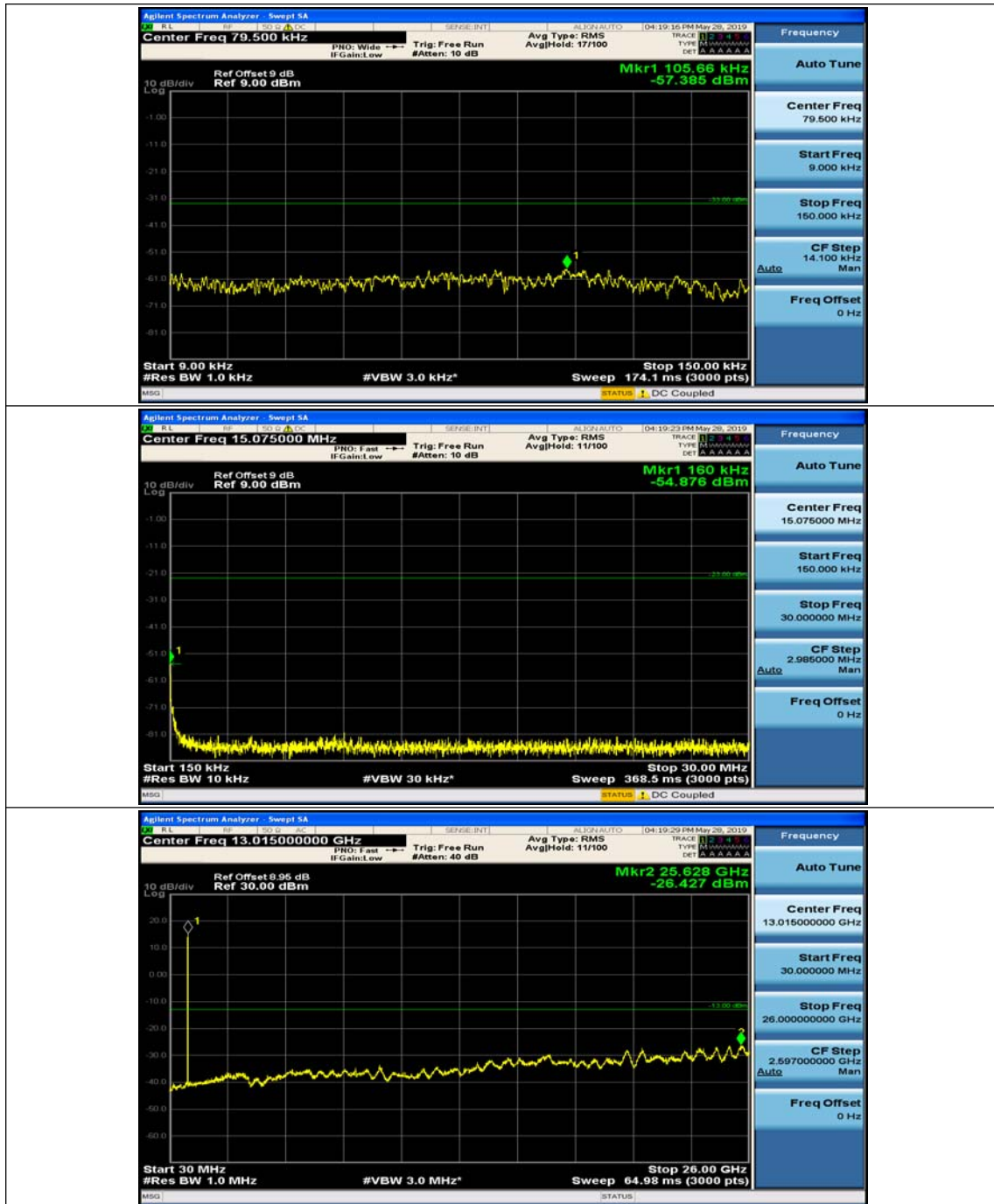


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

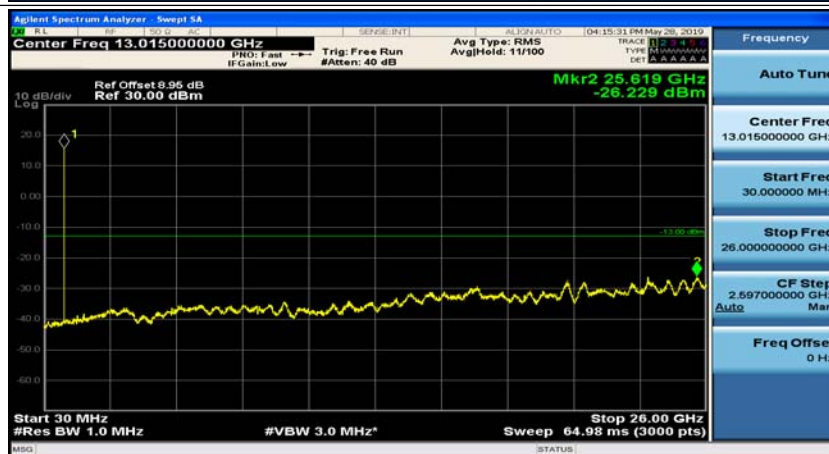
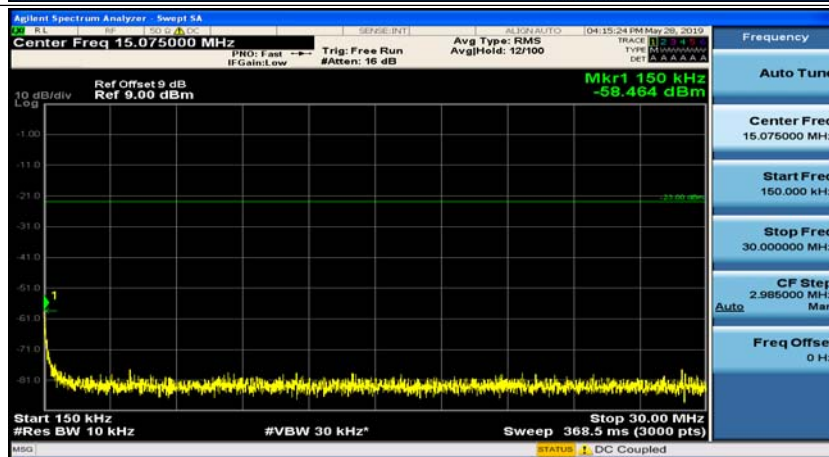
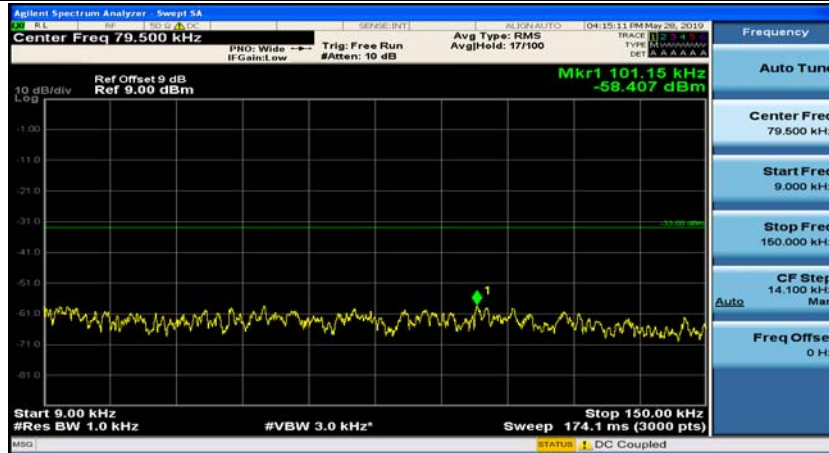


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

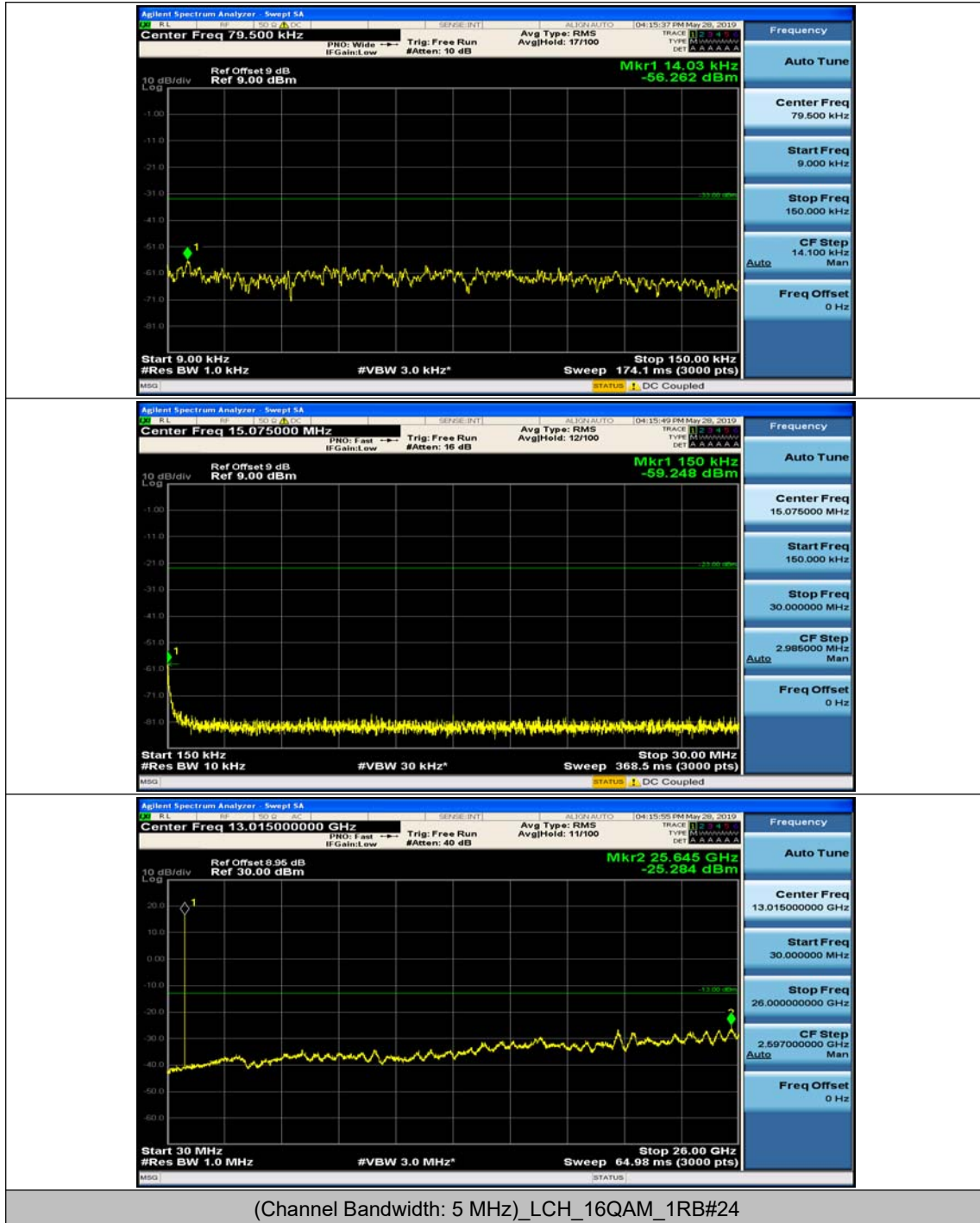


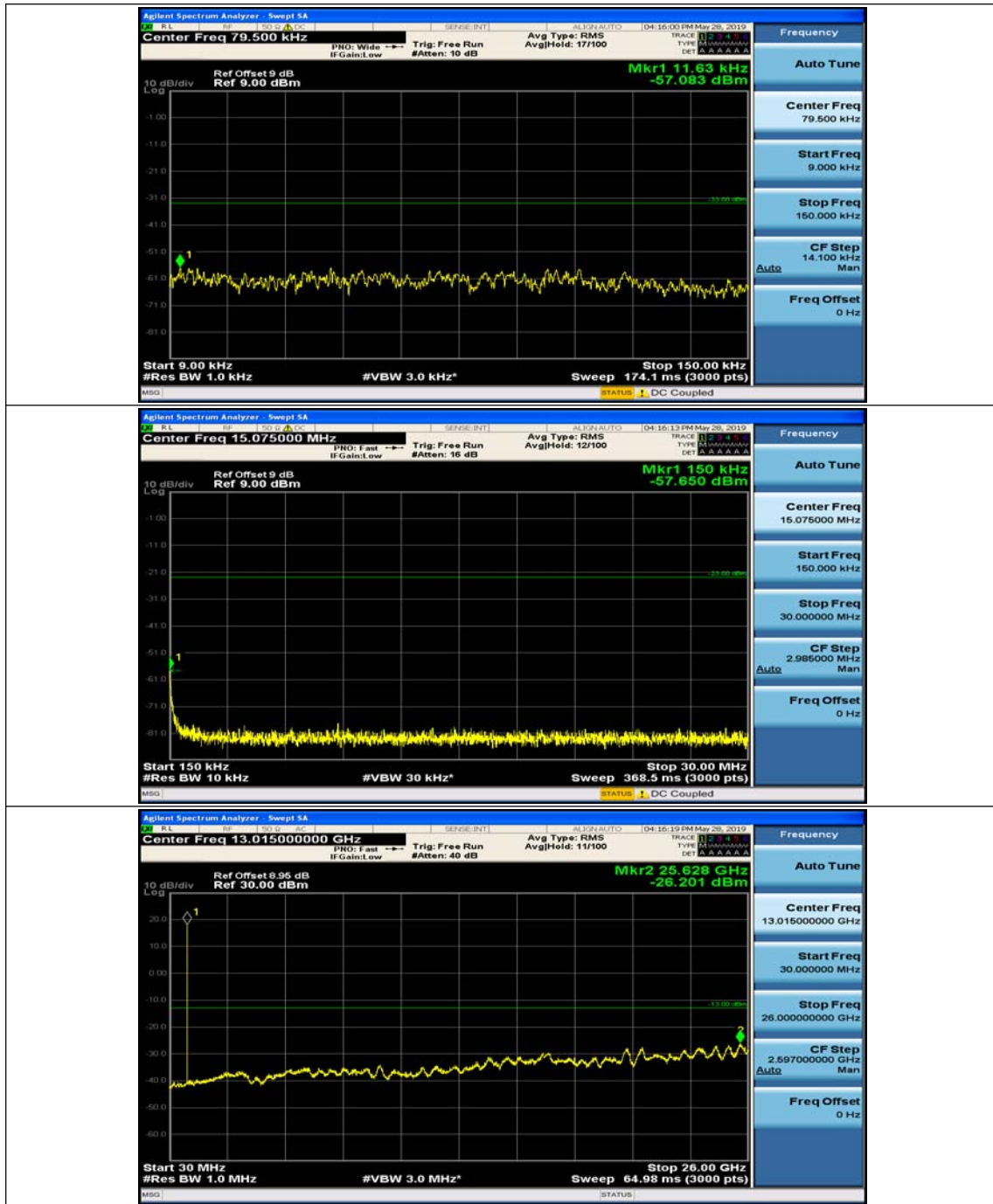


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

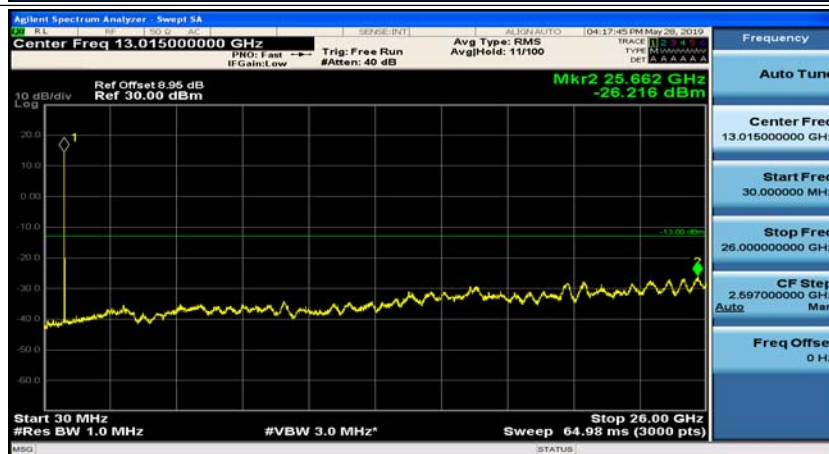
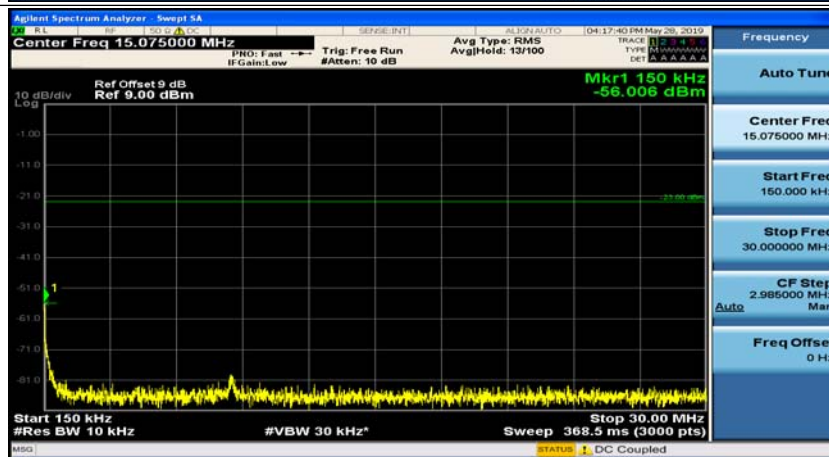
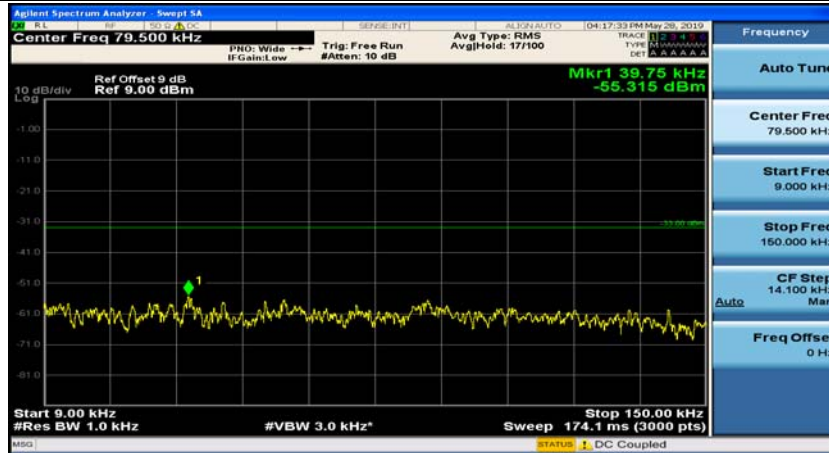


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12

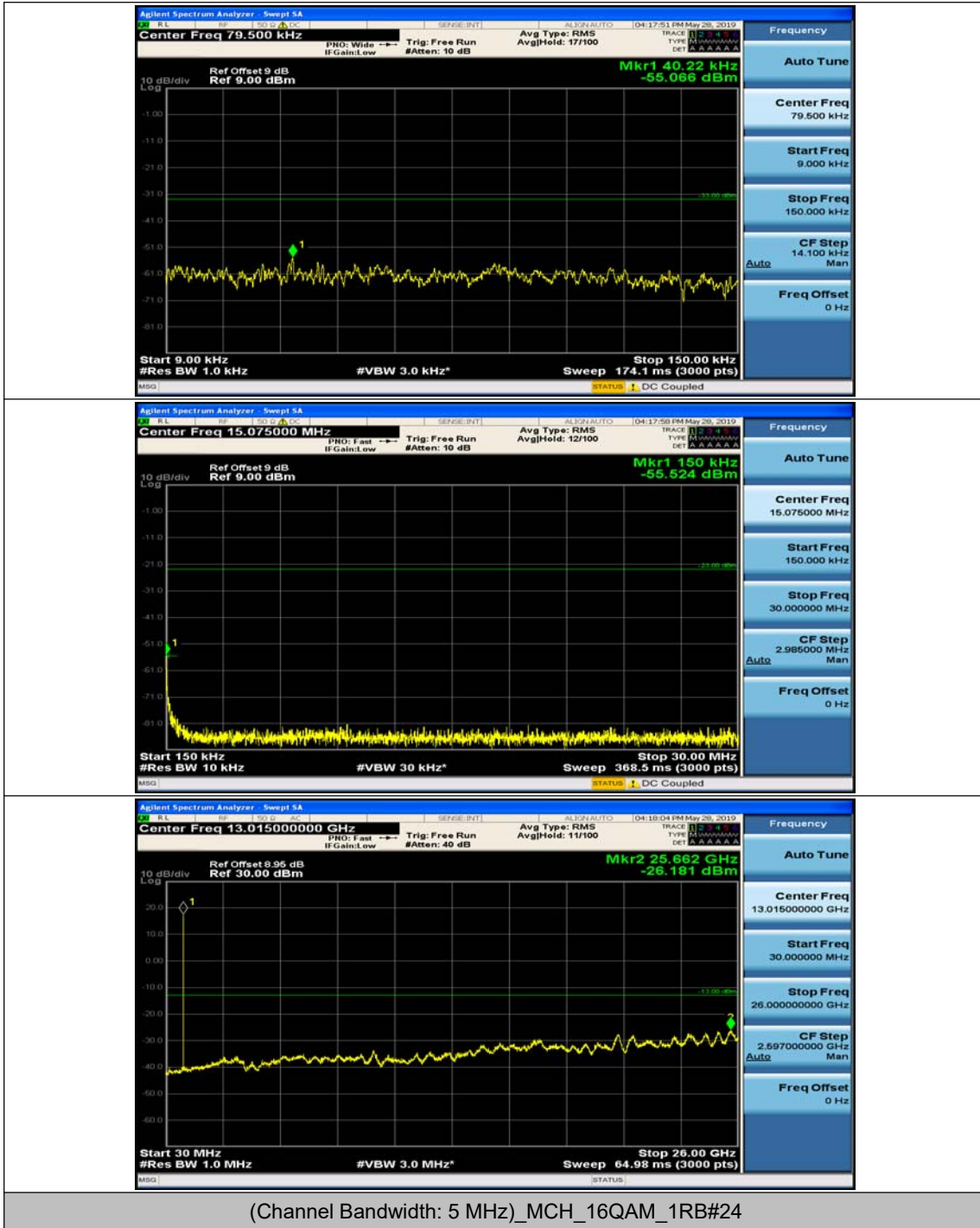


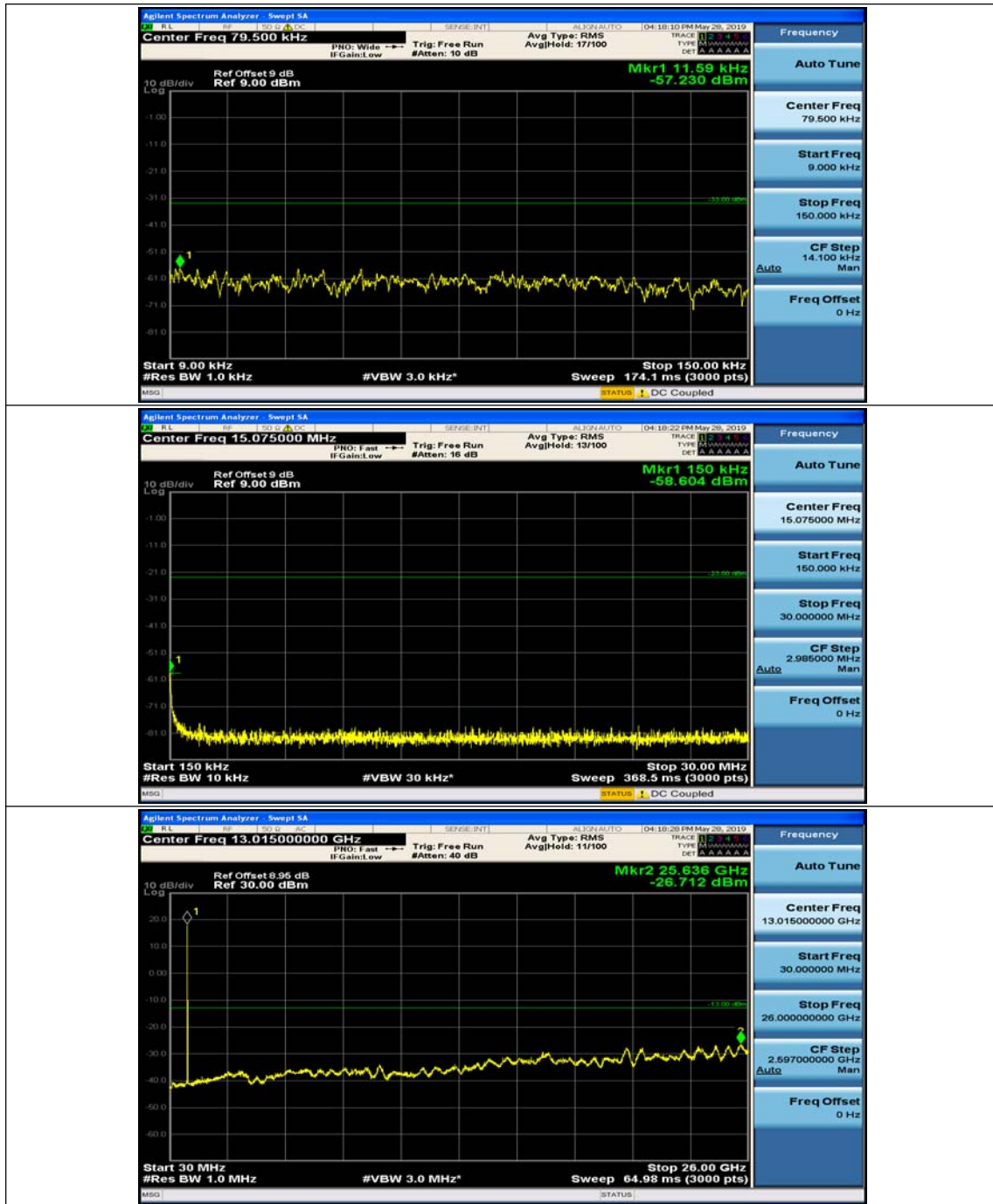


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

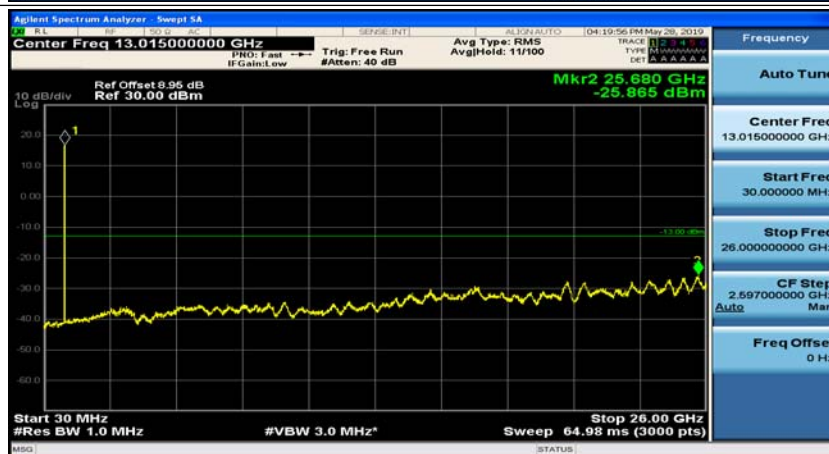
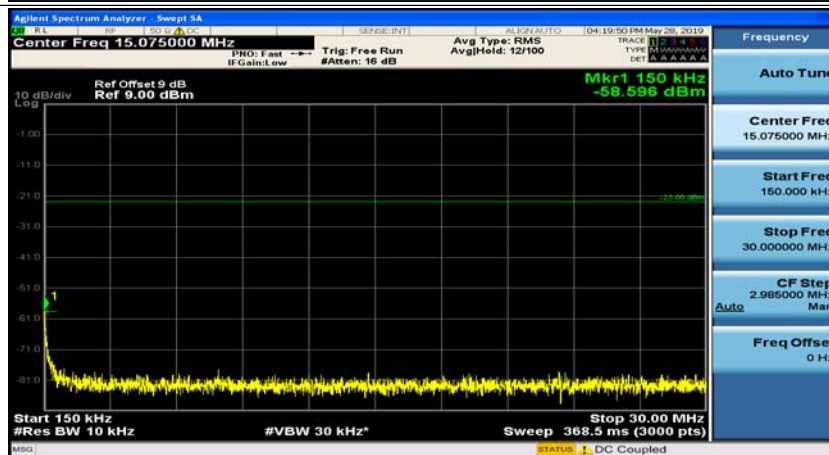
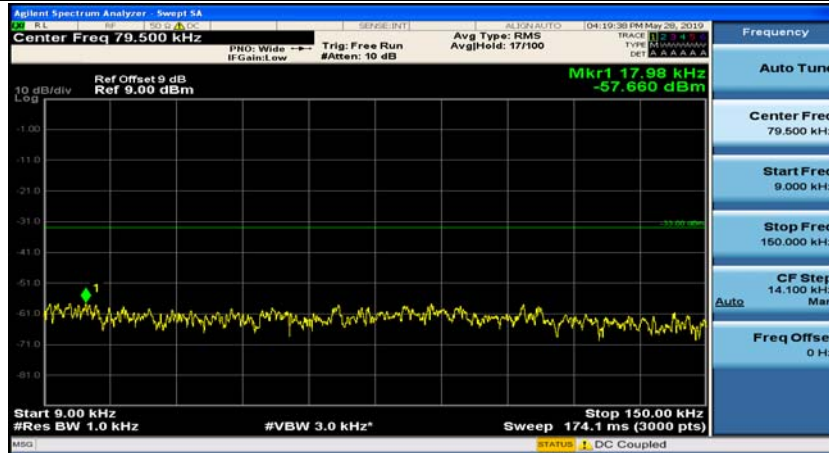


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12

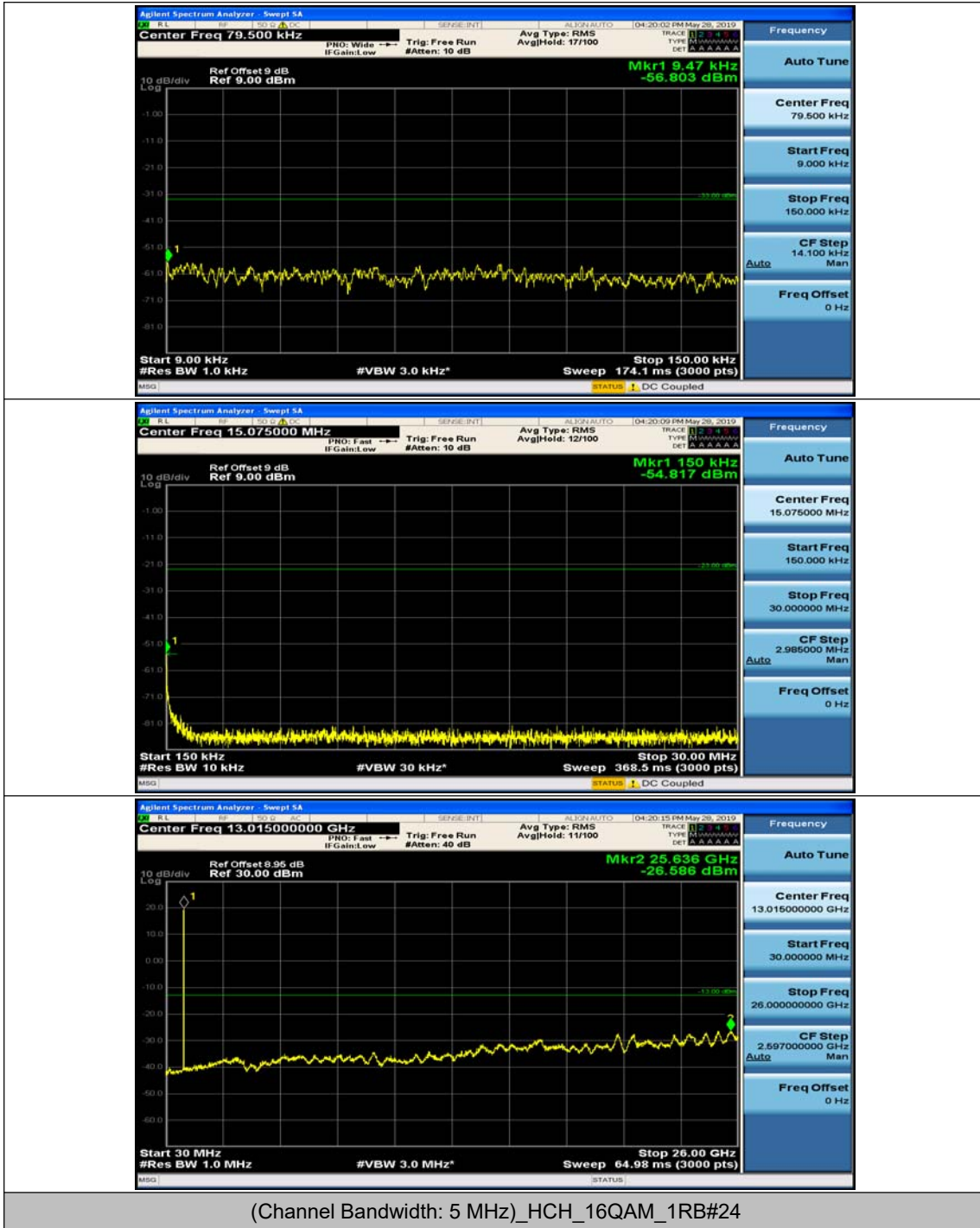


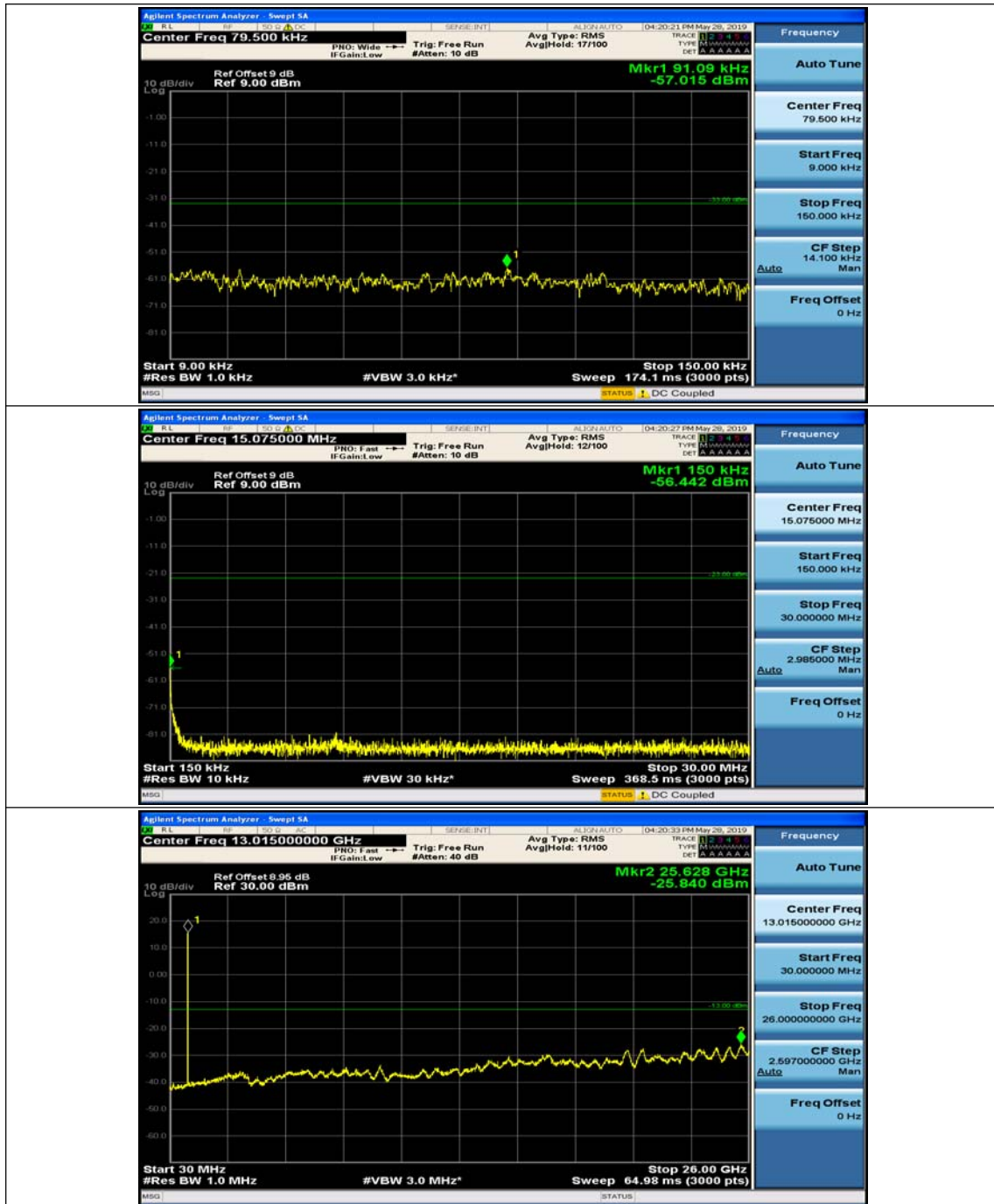


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

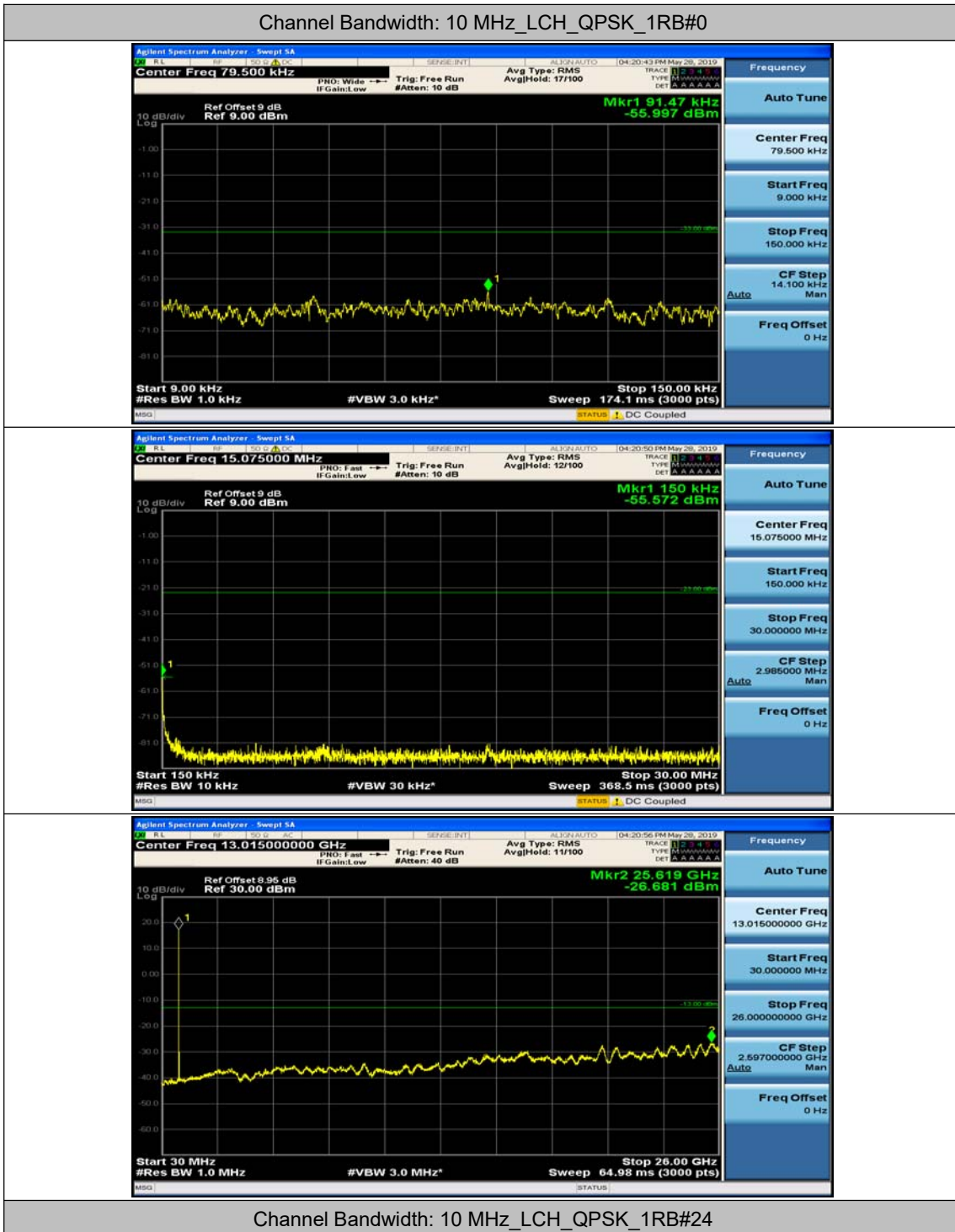


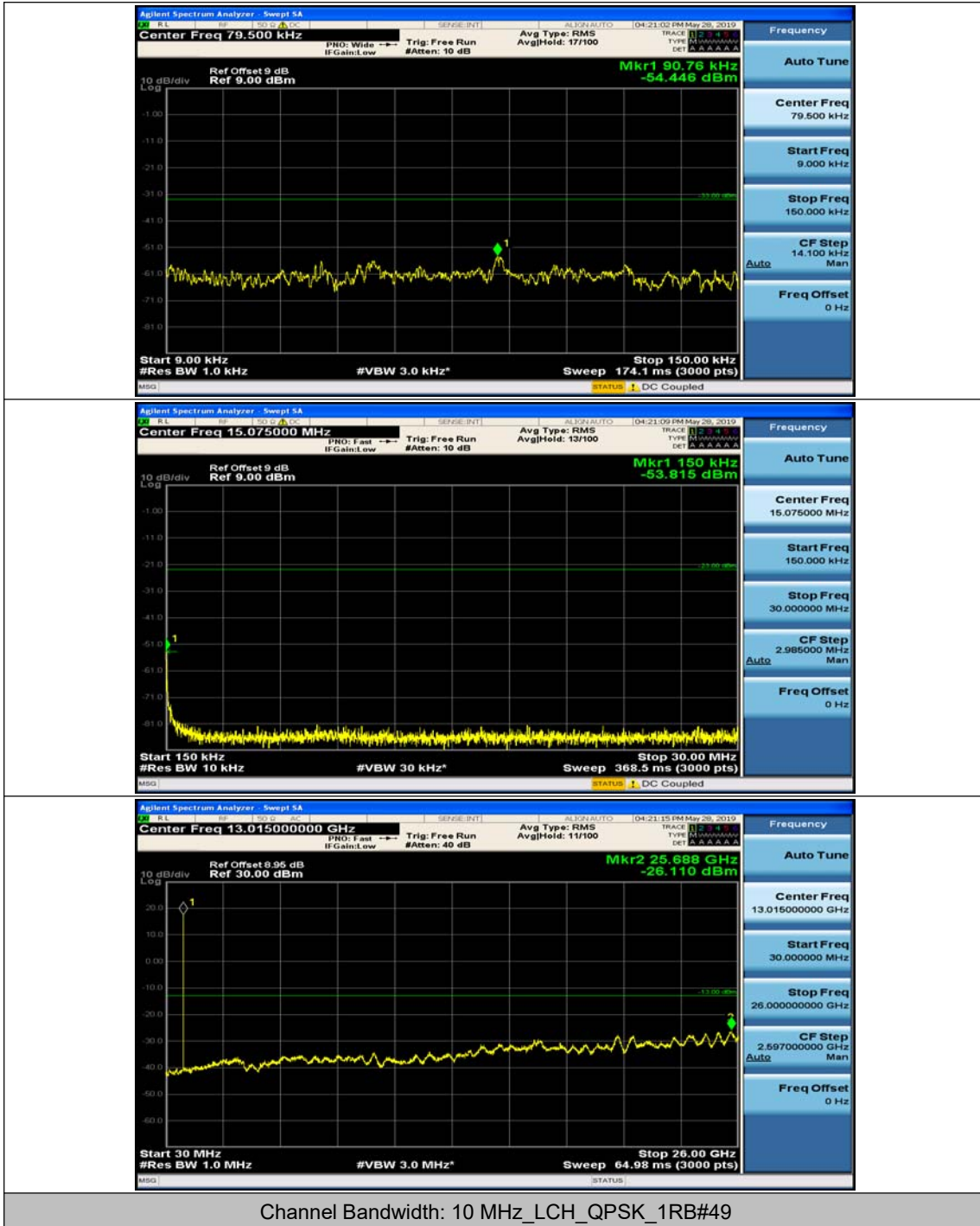
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

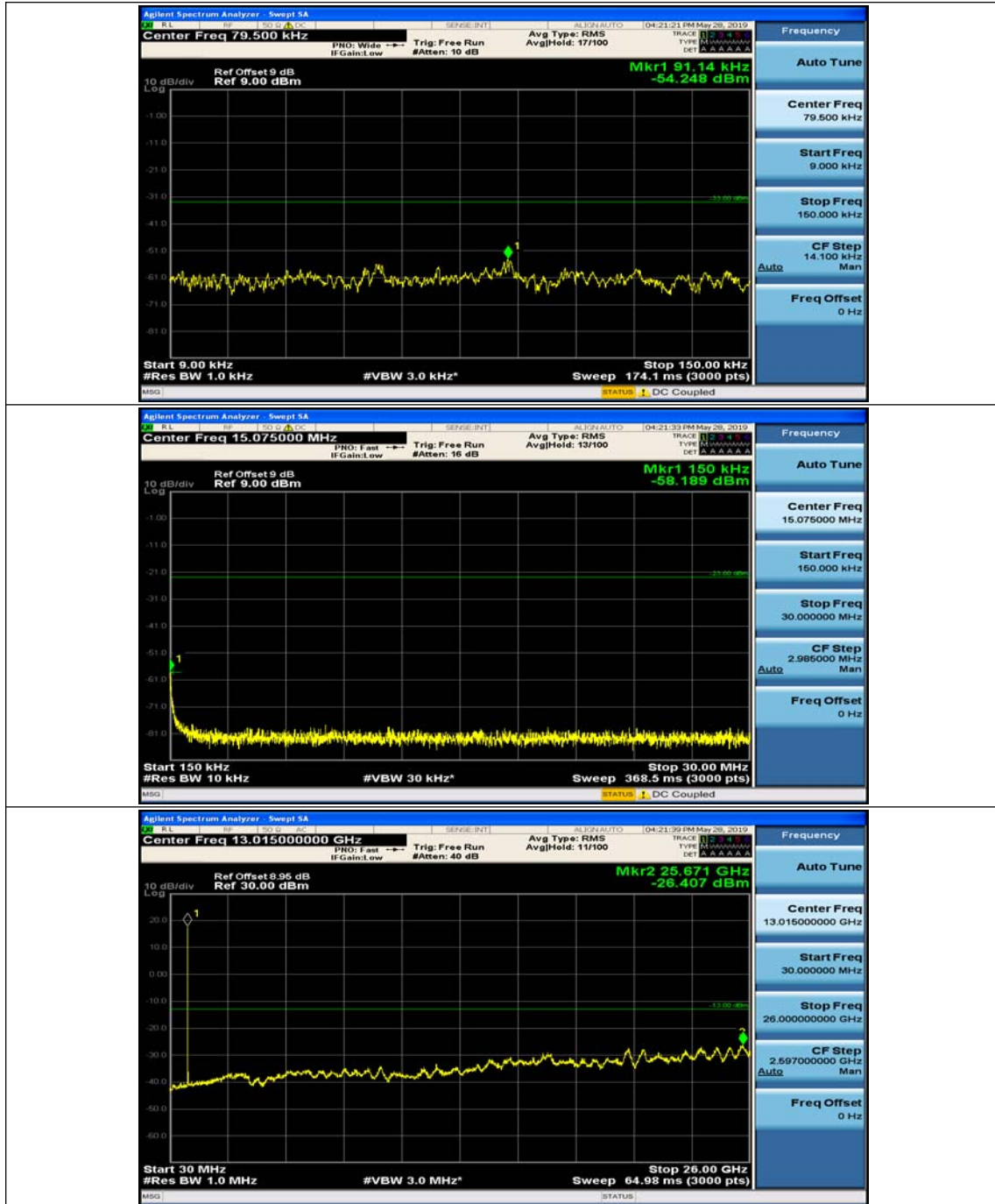




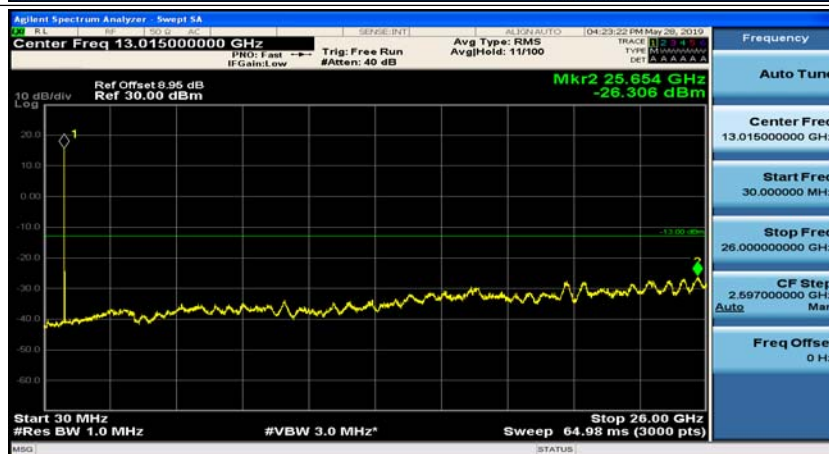
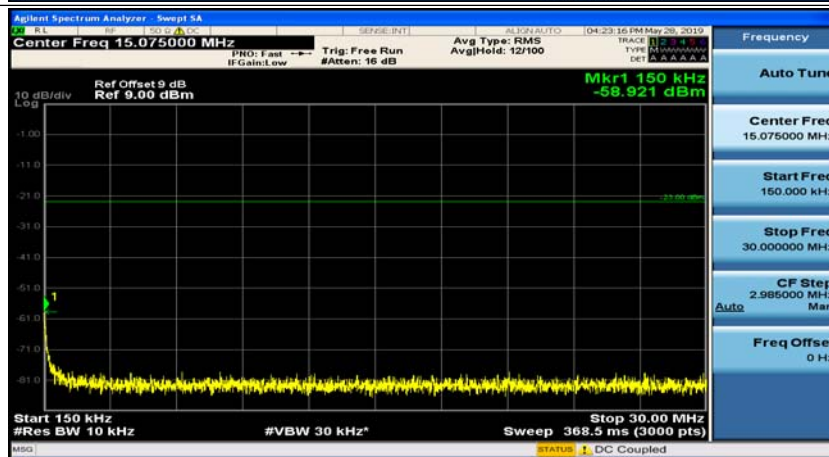
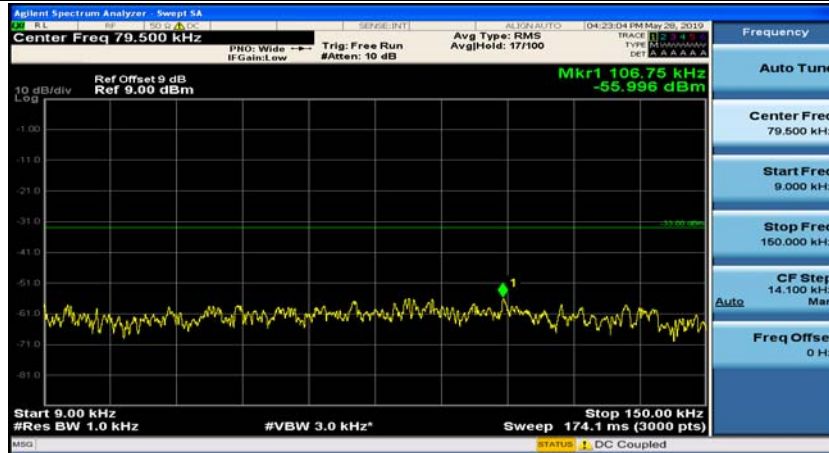
Channel Bandwidth: 10 MHz



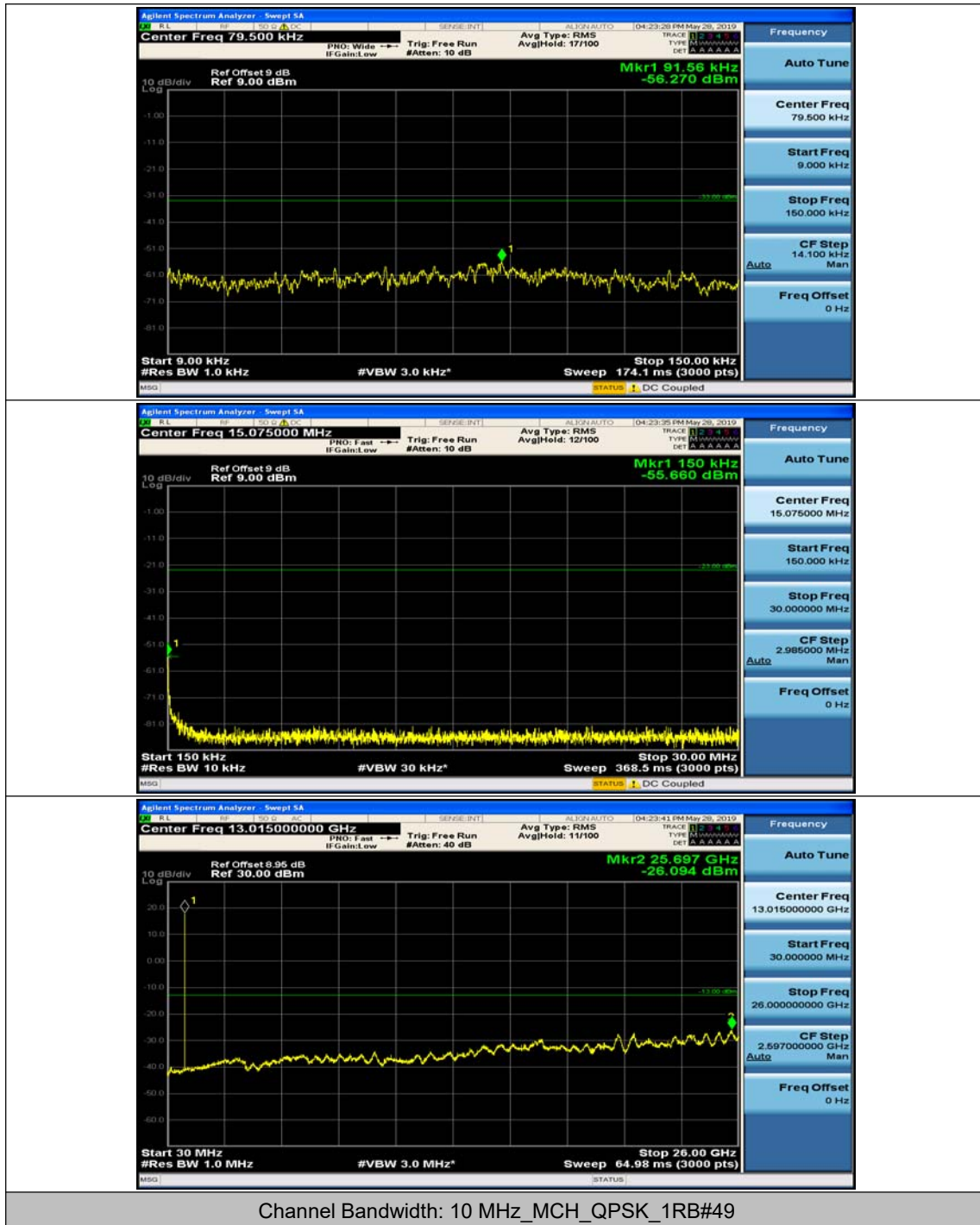


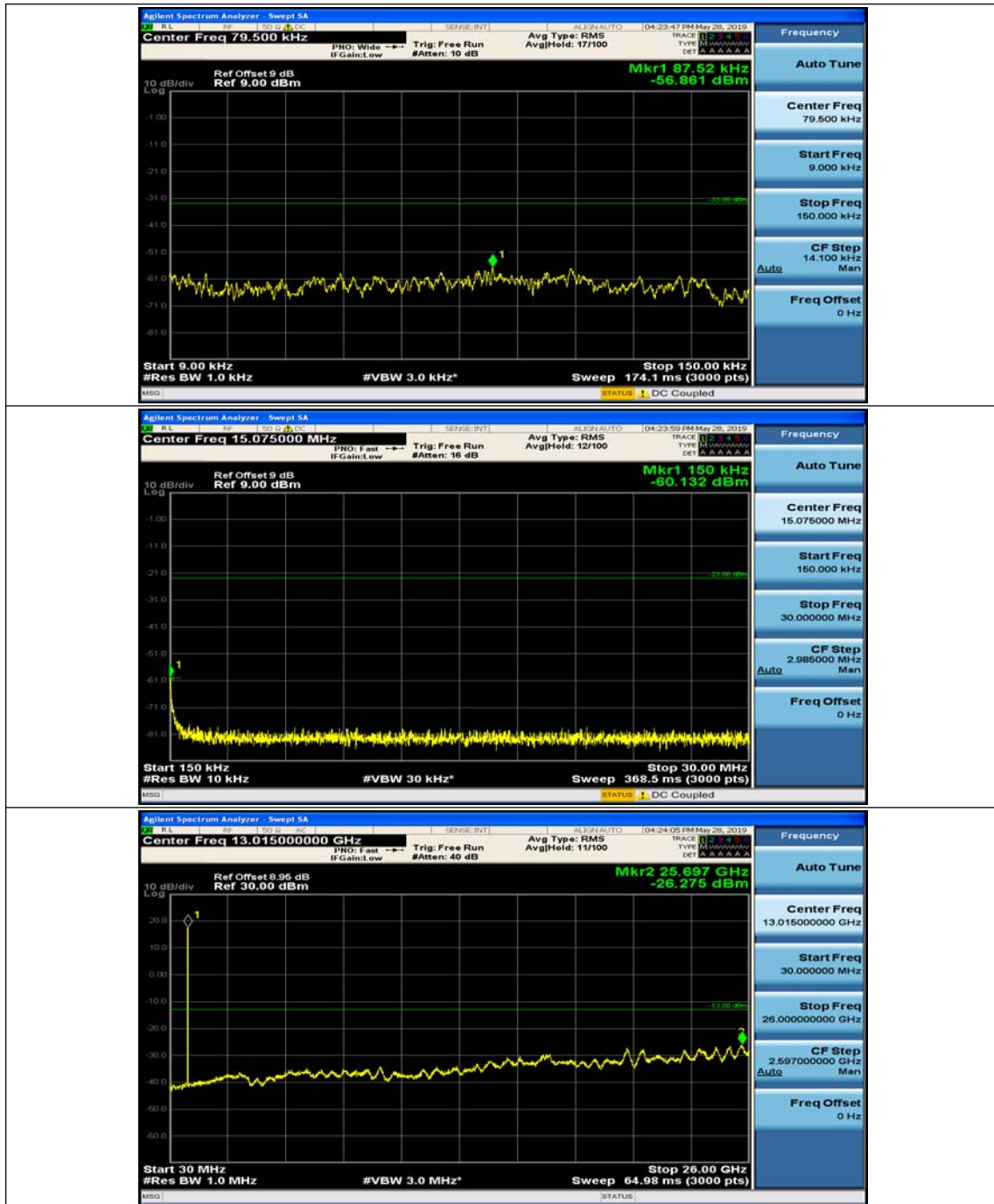


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

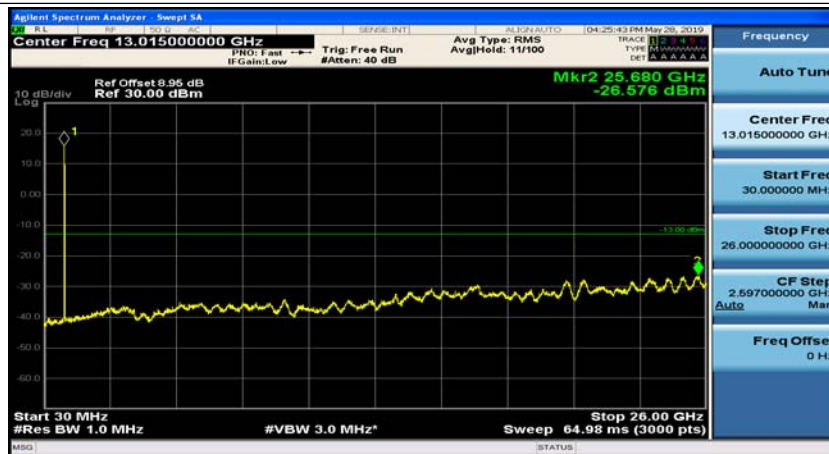
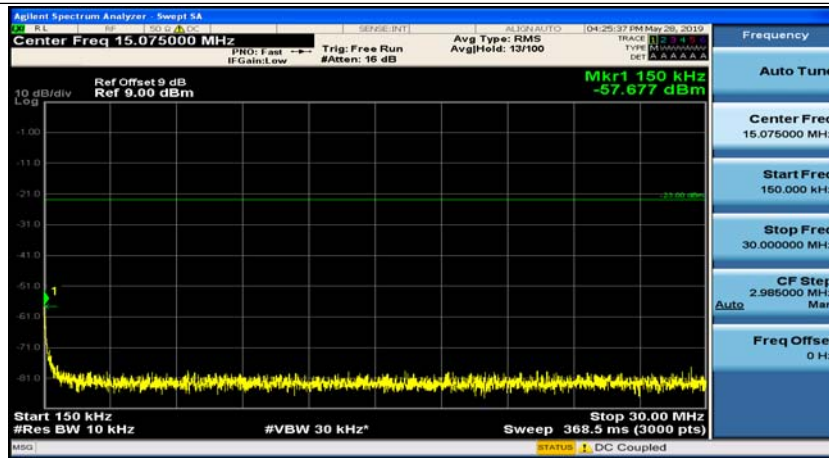
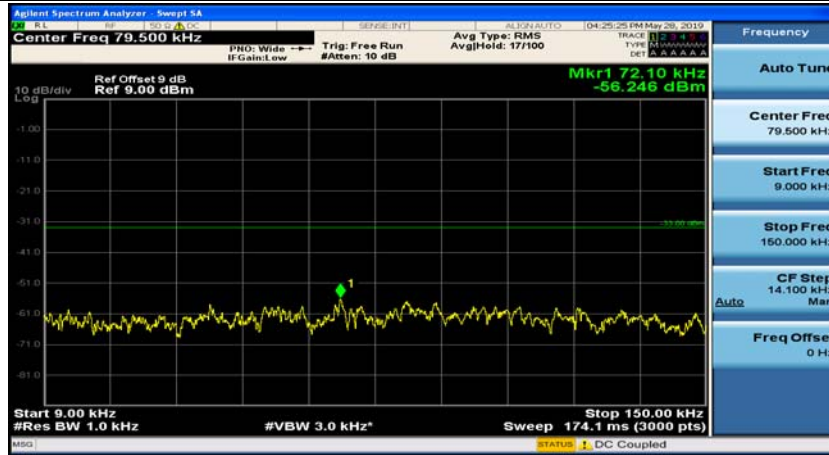


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

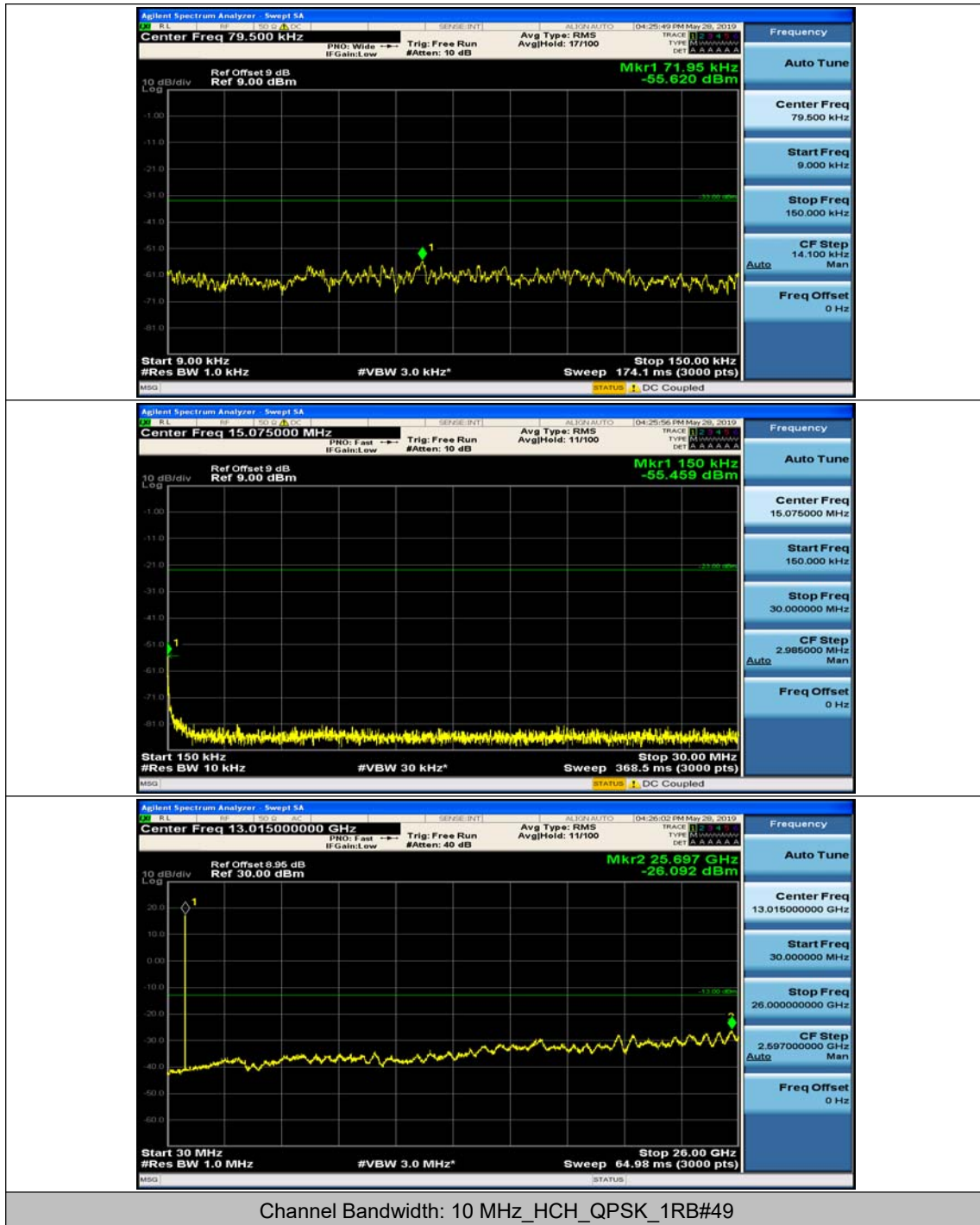


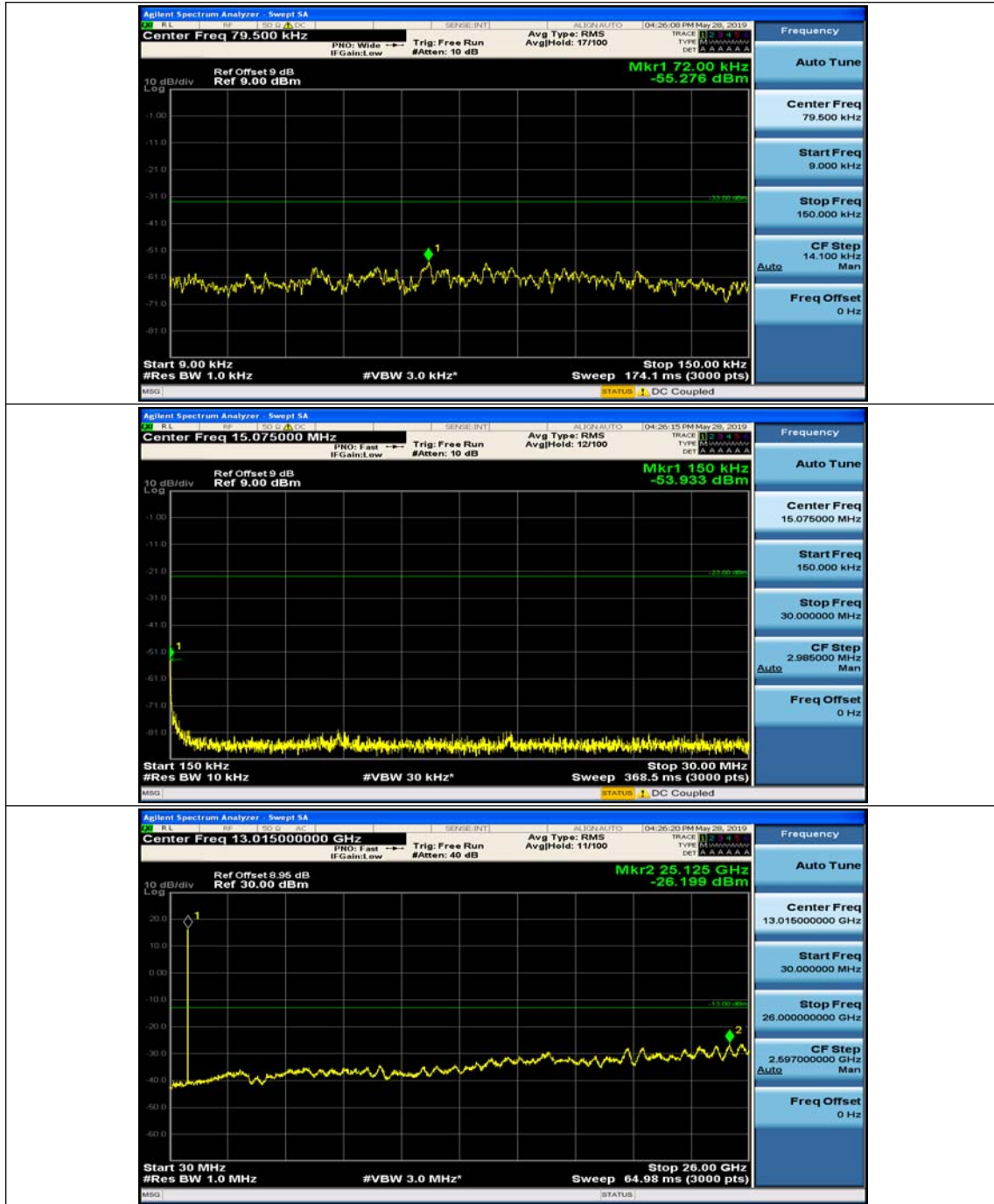


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

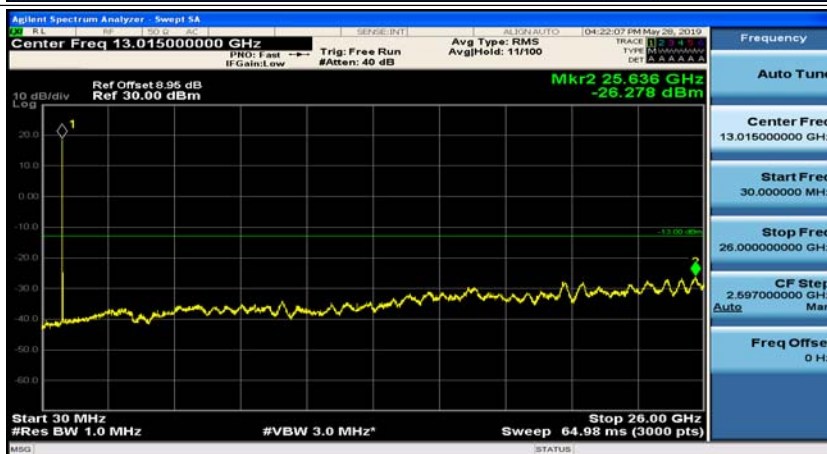
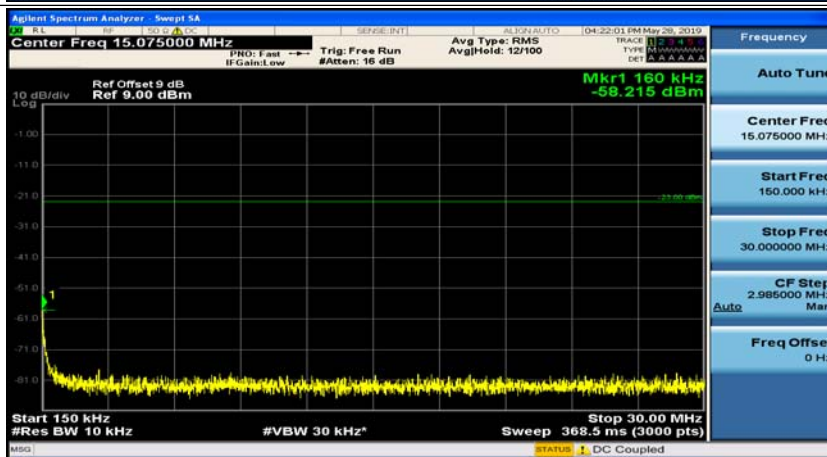


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

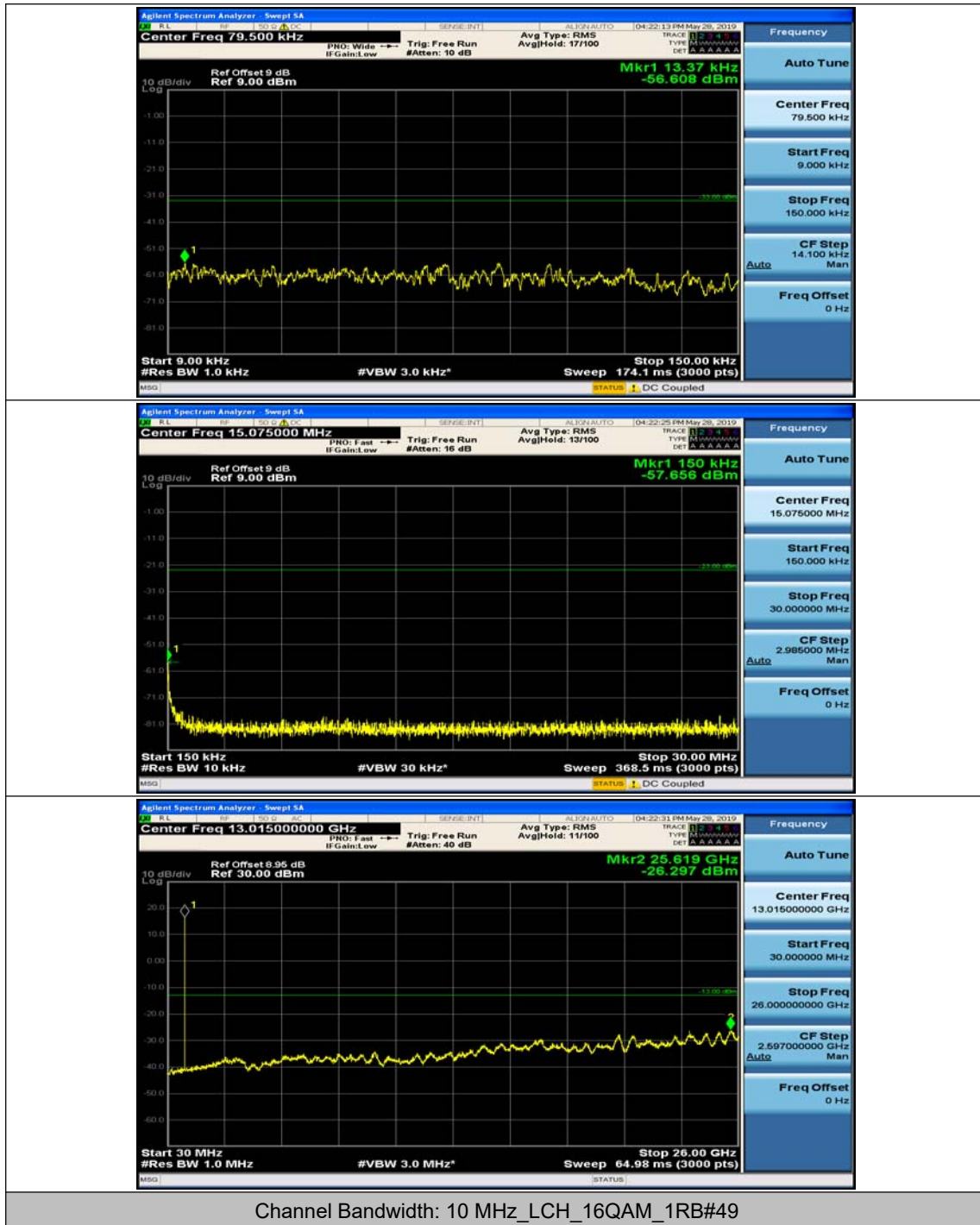


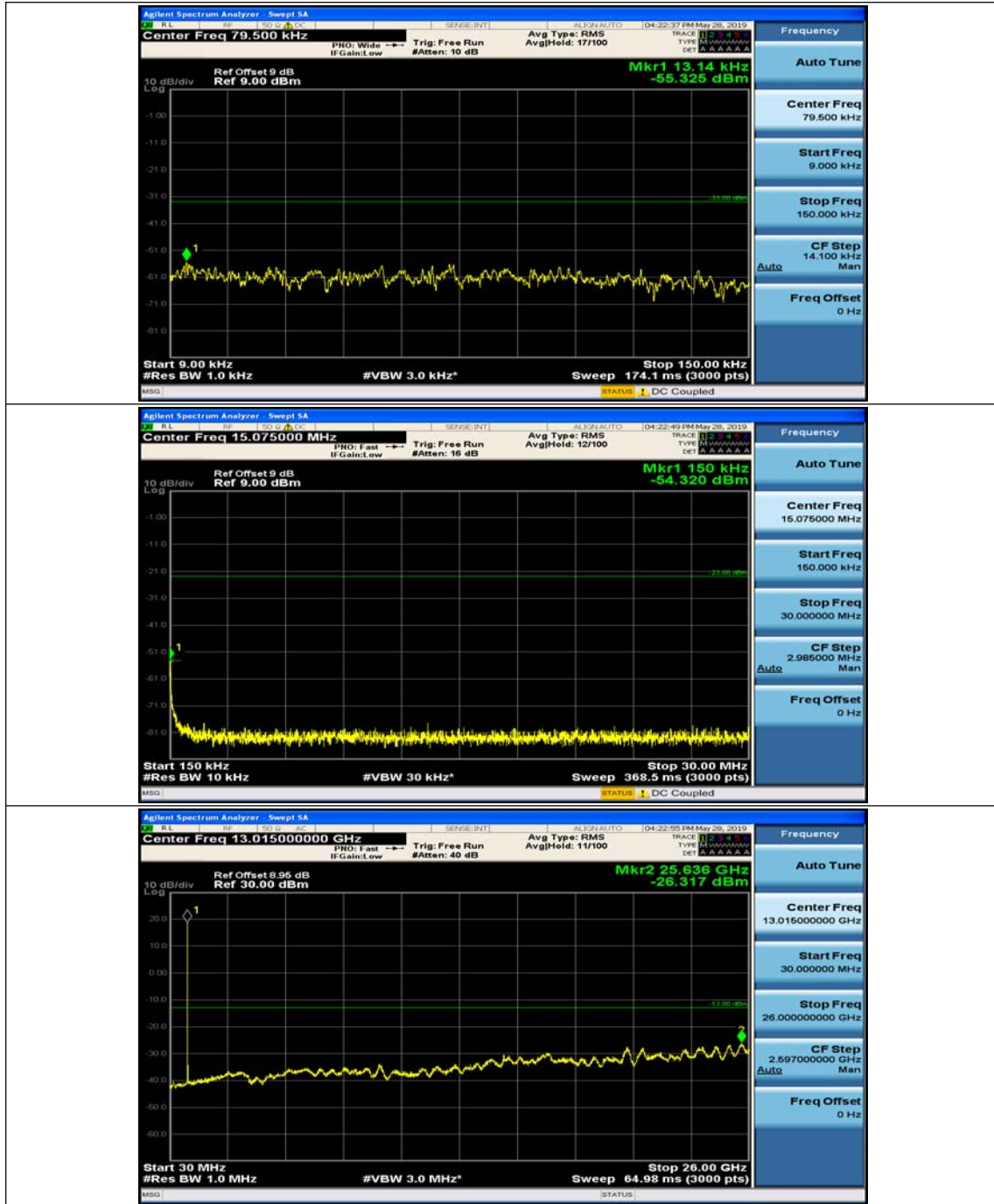


Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0

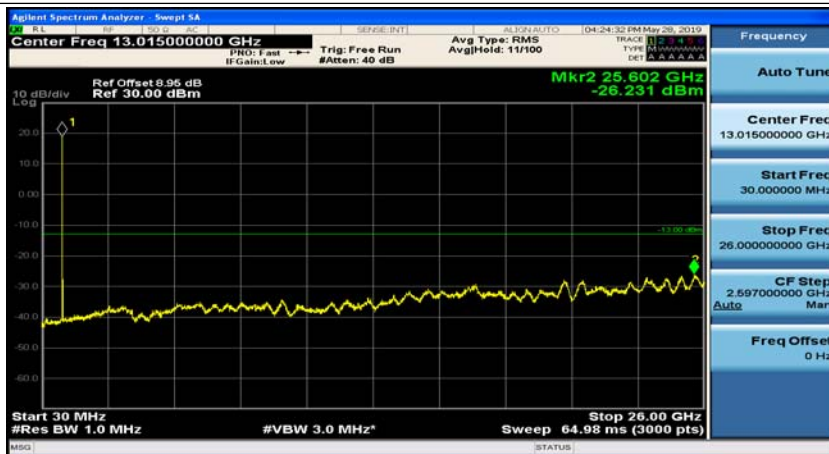
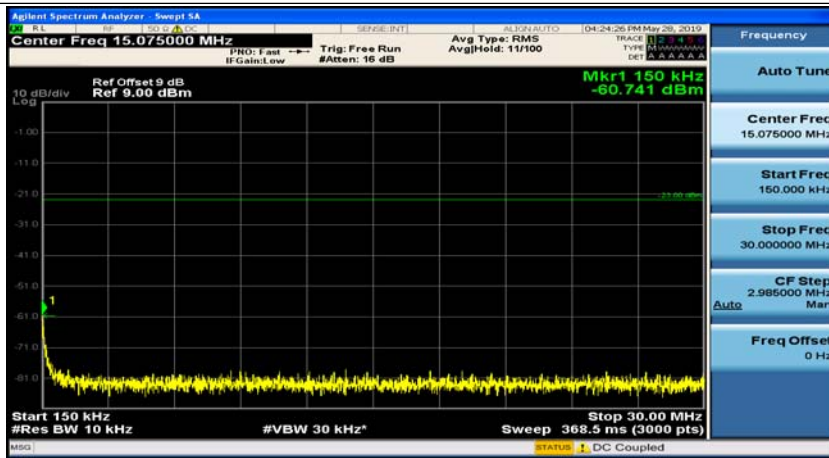
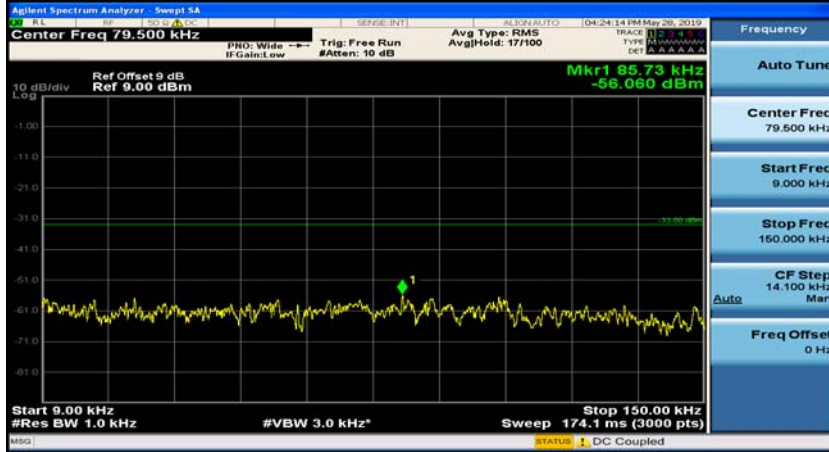


Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24

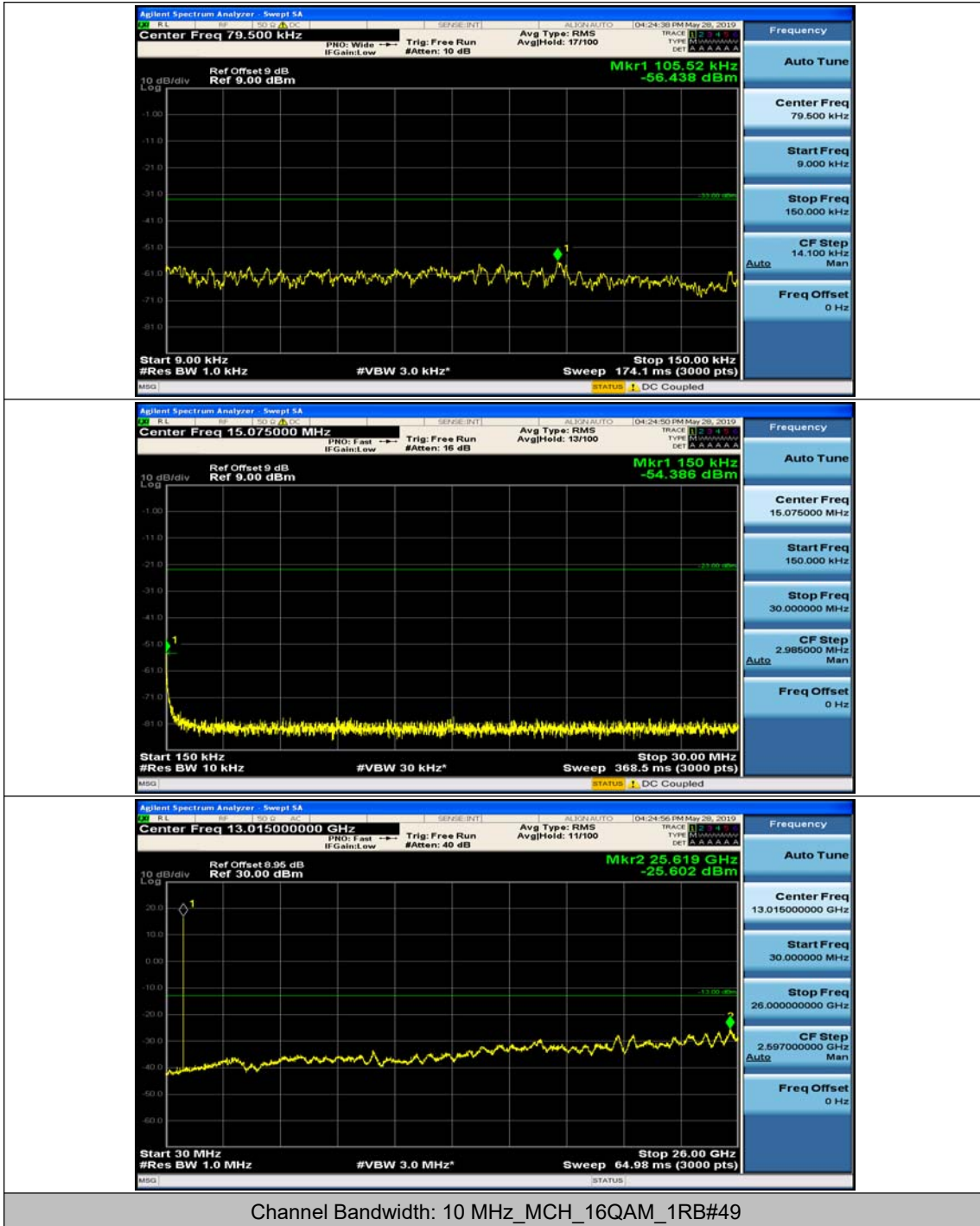


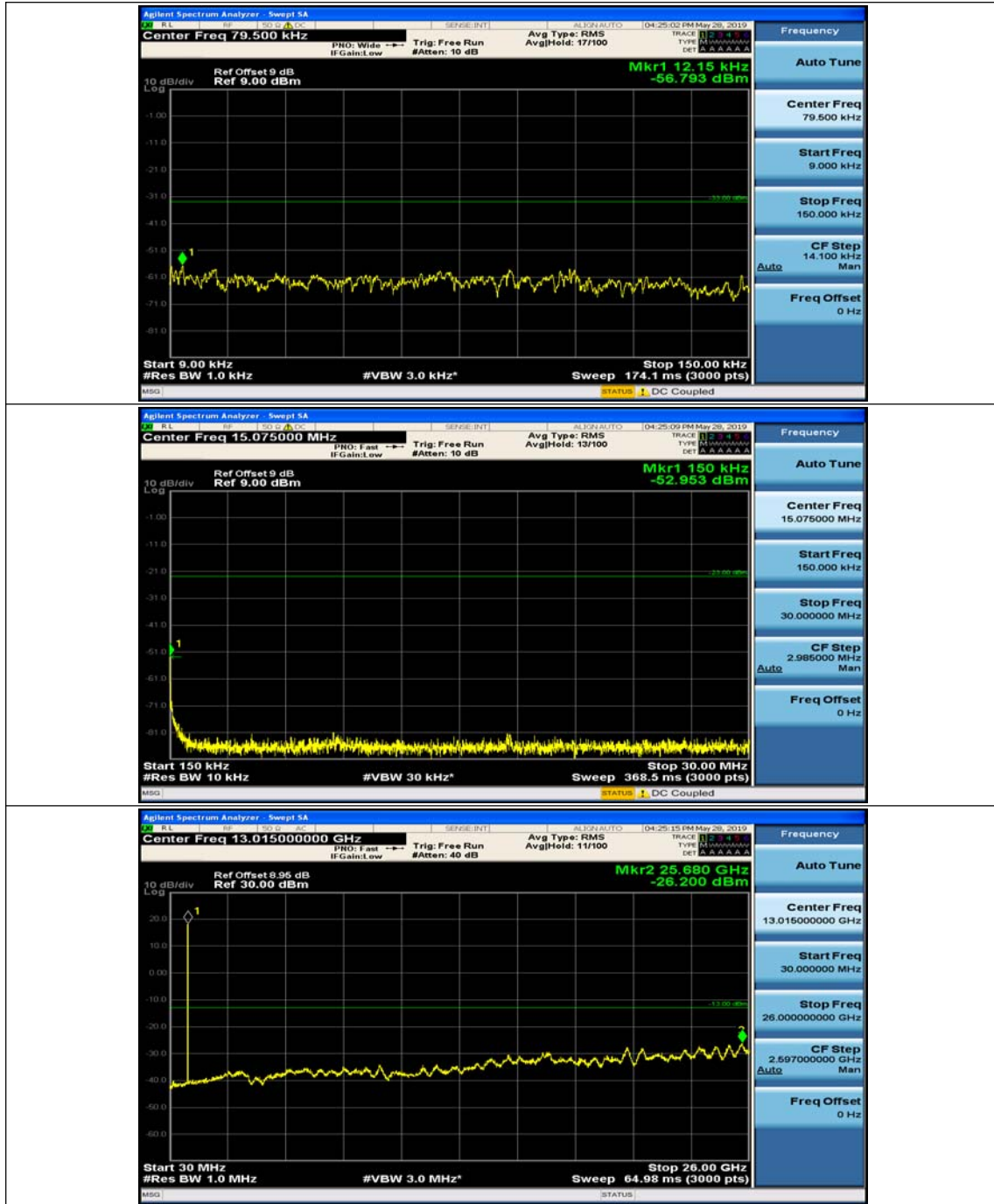


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

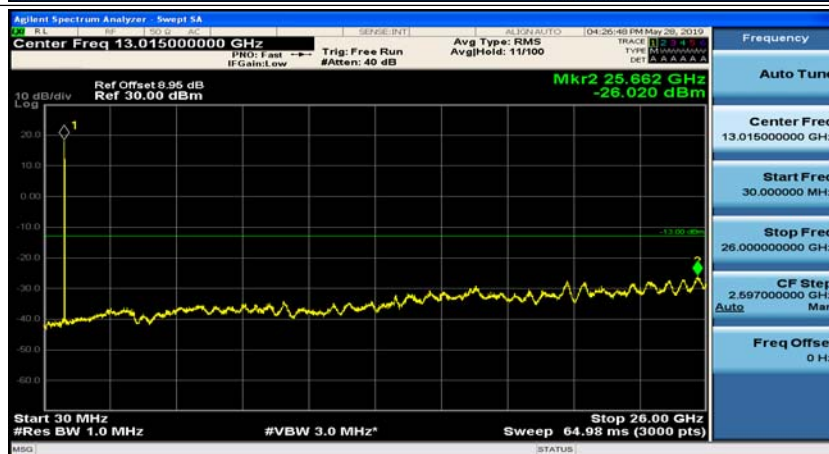
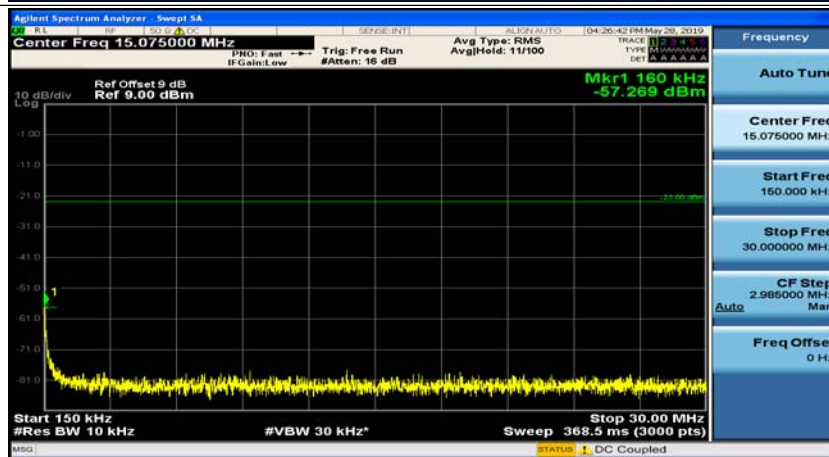
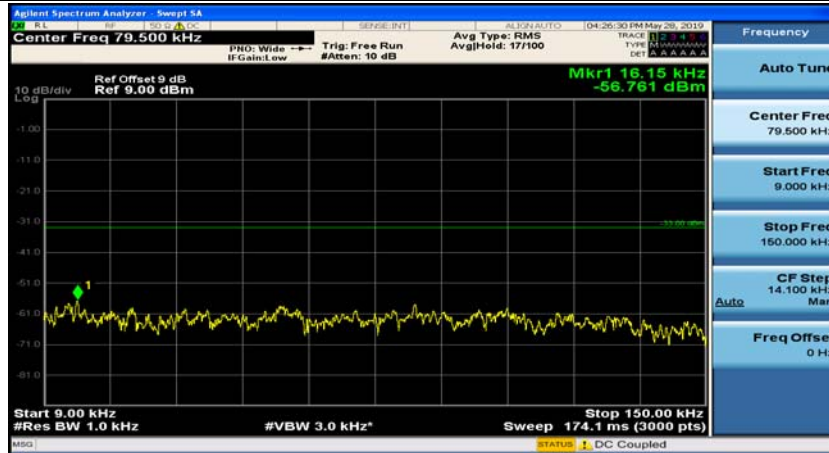


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

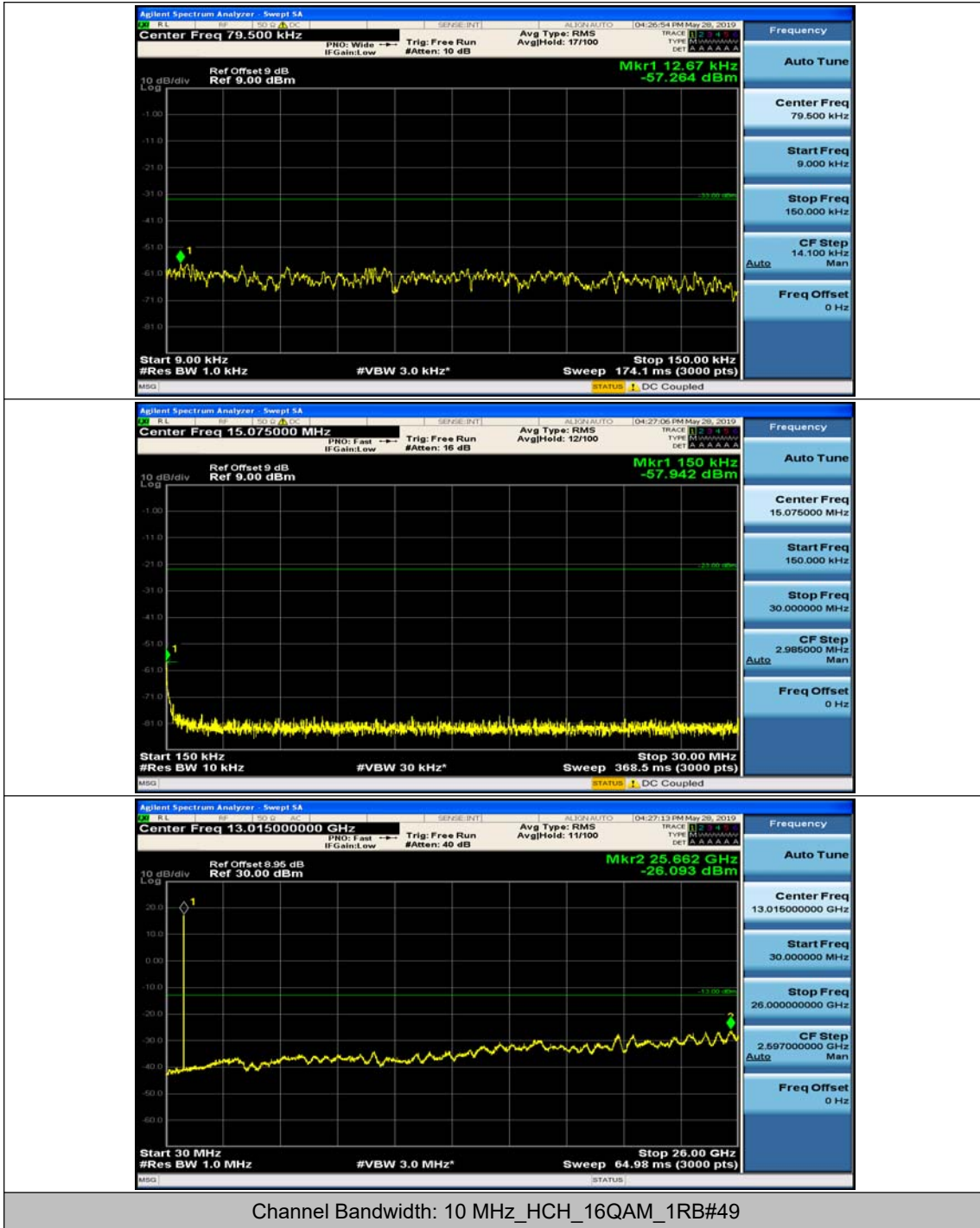


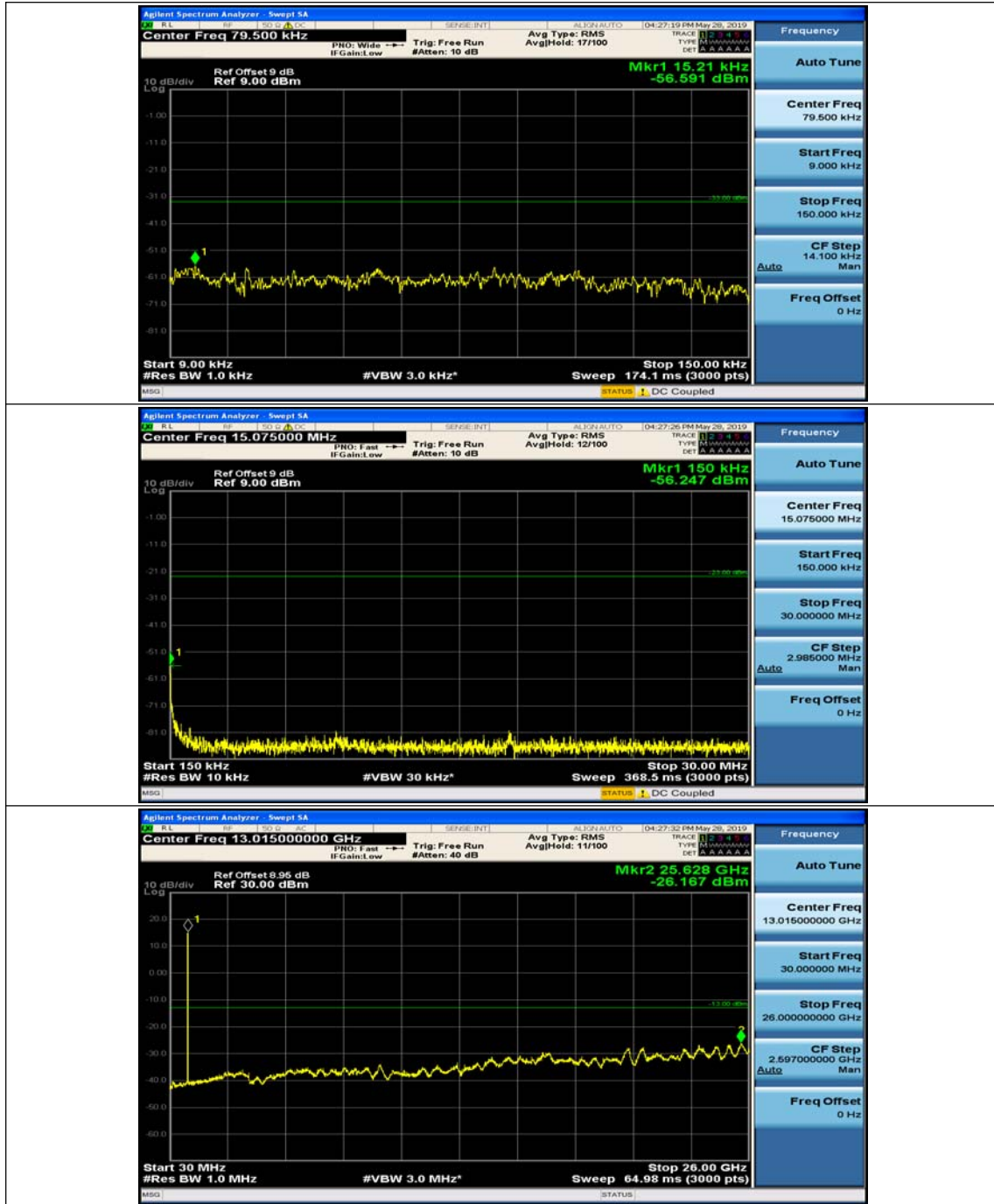


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24





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	1.49	0.001807	± 2.5	PASS
		VN	TN	1.22	0.001479	± 2.5	PASS
		VH	TN	3.15	0.003820	± 2.5	PASS
	MCH	VL	TN	2.22	0.002654	± 2.5	PASS
		VN	TN	4.51	0.005392	± 2.5	PASS
		VH	TN	2.05	0.002451	± 2.5	PASS
	HCH	VL	TN	-0.14	-0.000165	± 2.5	PASS
		VN	TN	-1.4	-0.001650	± 2.5	PASS
		VH	TN	-1.58	-0.001863	± 2.5	PASS
16QAM	LCH	VL	TN	3.56	0.004317	± 2.5	PASS
		VN	TN	2.02	0.002449	± 2.5	PASS
		VH	TN	1.07	0.001297	± 2.5	PASS
	MCH	VL	TN	0.4	0.000478	± 2.5	PASS
		VN	TN	-0.28	-0.000335	± 2.5	PASS
		VH	TN	-1.19	-0.001423	± 2.5	PASS
	HCH	VL	TN	3.73	0.004397	± 2.5	PASS
		VN	TN	-0.29	-0.000342	± 2.5	PASS
		VH	TN	-0.9	-0.001061	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	4.02	0.004874	± 2.5	PASS
		VN	-20	2.86	0.003468	± 2.5	PASS
		VN	-10	0.42	0.000509	± 2.5	PASS
		VN	0	4.16	0.005044	± 2.5	PASS
		VN	10	1.11	0.001346	± 2.5	PASS
		VN	20	2.25	0.002728	± 2.5	PASS
		VN	30	-0.72	-0.000873	± 2.5	PASS
		VN	40	-1.77	-0.002146	± 2.5	PASS
	MCH	VN	-30	1.79	0.002140	± 2.5	PASS
		VN	-20	4.28	0.005117	± 2.5	PASS

		VN	-10	3.16	0.003778	± 2.5	PASS		
		VN	0	0.4	0.000478	± 2.5	PASS		
		VN	10	4.47	0.005344	± 2.5	PASS		
		VN	20	1.66	0.001984	± 2.5	PASS		
		VN	30	2.76	0.003299	± 2.5	PASS		
		VN	40	-0.24	-0.000287	± 2.5	PASS		
		VN	50	-0.59	-0.000705	± 2.5	PASS		
	HCH	VN	-30	0.85	0.001002	± 2.5	PASS		
		VN	-20	0.42	0.000495	± 2.5	PASS		
		VN	-10	-1.62	-0.001910	± 2.5	PASS		
		VN	0	-0.57	-0.000672	± 2.5	PASS		
		VN	10	2.18	0.002570	± 2.5	PASS		
		VN	20	-1.23	-0.001450	± 2.5	PASS		
		VN	30	2.68	0.003159	± 2.5	PASS		
		VN	40	0.76	0.000896	± 2.5	PASS		
		VN	50	-0.37	-0.000436	± 2.5	PASS		
		16QAM	LCH	VN	-30	1.09	0.001322	± 2.5	PASS
				VN	-20	-0.83	-0.001006	± 2.5	PASS
VN	-10			-0.64	-0.000776	± 2.5	PASS		
VN	0			4.08	0.004947	± 2.5	PASS		
VN	10			2.7	0.003274	± 2.5	PASS		
VN	20			4.41	0.005347	± 2.5	PASS		
VN	30			1.66	0.002013	± 2.5	PASS		
VN	40			1.4	0.001698	± 2.5	PASS		
VN	50			3.61	0.004377	± 2.5	PASS		
MCH	VN		-30	-0.13	-0.000153	± 2.5	PASS		
	VN		-20	-0.51	-0.000601	± 2.5	PASS		
	VN		-10	0.87	0.001026	± 2.5	PASS		
	VN		0	0.25	0.000295	± 2.5	PASS		
	VN		10	1.09	0.001285	± 2.5	PASS		
	VN		20	-0.85	-0.001002	± 2.5	PASS		
	VN		30	-1.38	-0.001627	± 2.5	PASS		
	VN		40	-1.87	-0.002204	± 2.5	PASS		
	VN		50	1.27	0.001497	± 2.5	PASS		
HCH	VN		-30	2.52	0.002971	± 2.5	PASS		
	VN		-20	4.65	0.005482	± 2.5	PASS		
	VN		-10	4.65	0.005482	± 2.5	PASS		
	VN		0	2.15	0.002534	± 2.5	PASS		
	VN		10	2.89	0.003407	± 2.5	PASS		
	VN		20	2.82	0.003324	± 2.5	PASS		
	VN		30	4.61	0.005434	± 2.5	PASS		

		VN	40	4.66	0.005493	± 2.5	PASS
		VN	50	4.37	0.005151	± 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	0.7	0.000848	± 2.5	PASS
		VN	TN	1.46	0.001769	± 2.5	PASS
		VH	TN	3.76	0.004555	± 2.5	PASS
	MCH	VL	TN	-1.4	-0.001674	± 2.5	PASS
		VN	TN	-1.98	-0.002367	± 2.5	PASS
		VH	TN	-0.7	-0.000837	± 2.5	PASS
	HCH	VL	TN	3.53	0.004165	± 2.5	PASS
		VN	TN	0.6	0.000708	± 2.5	PASS
		VH	TN	-0.08	-0.000094	± 2.5	PASS
16QAM	LCH	VL	TN	1.28	0.001551	± 2.5	PASS
		VN	TN	4.74	0.005742	± 2.5	PASS
		VH	TN	2.59	0.003137	± 2.5	PASS
	MCH	VL	TN	-1.43	-0.001710	± 2.5	PASS
		VN	TN	0.02	0.000024	± 2.5	PASS
		VH	TN	1.79	0.002140	± 2.5	PASS
	HCH	VL	TN	3.14	0.003705	± 2.5	PASS
		VN	TN	4.51	0.005322	± 2.5	PASS
		VH	TN	4.64	0.005475	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-0.63	-0.000763	± 2.5	PASS
		VN	-20	2.39	0.002895	± 2.5	PASS
		VN	-10	1.08	0.001308	± 2.5	PASS
		VN	0	0.25	0.000303	± 2.5	PASS
		VN	10	3.45	0.004179	± 2.5	PASS
		VN	20	2.22	0.002689	± 2.5	PASS
		VN	30	4.63	0.005609	± 2.5	PASS
		VN	40	1.75	0.002120	± 2.5	PASS
		VN	50	0.22	0.000267	± 2.5	PASS
	MCH	VN	-30	2.44	0.002917	± 2.5	PASS
		VN	-20	1.7	0.002032	± 2.5	PASS
		VN	-10	-0.28	-0.000335	± 2.5	PASS

		VN	0	1.93	0.002307	± 2.5	PASS		
		VN	10	2.33	0.002785	± 2.5	PASS		
		VN	20	3.9	0.004662	± 2.5	PASS		
		VN	30	-1.38	-0.001650	± 2.5	PASS		
		VN	40	4.4	0.005260	± 2.5	PASS		
		VN	50	0.1	0.000120	± 2.5	PASS		
	HCH	VN	-30	0.01	0.000012	± 2.5	PASS		
		VN	-20	0.07	0.000083	± 2.5	PASS		
		VN	-10	2.91	0.003434	± 2.5	PASS		
		VN	0	2.61	0.003080	± 2.5	PASS		
		VN	10	0.71	0.000838	± 2.5	PASS		
		VN	20	3.8	0.004484	± 2.5	PASS		
		VN	30	0.53	0.000625	± 2.5	PASS		
		VN	40	2.09	0.002466	± 2.5	PASS		
		VN	50	-1.5	-0.001770	± 2.5	PASS		
		QPSK	LCH	VN	-30	-0.94	-0.001124	± 2.5	PASS
				VN	-20	3.93	0.004698	± 2.5	PASS
				VN	-10	1.19	0.001423	± 2.5	PASS
VN	0			2.56	0.003060	± 2.5	PASS		
VN	10			1.17	0.001399	± 2.5	PASS		
VN	20			-0.29	-0.000347	± 2.5	PASS		
VN	30			3.65	0.004363	± 2.5	PASS		
VN	40			-1.1	-0.001315	± 2.5	PASS		
VN	50			2.67	0.003192	± 2.5	PASS		
MCH	VN		-30	4.75	0.005605	± 2.5	PASS		
	VN		-20	3.11	0.003670	± 2.5	PASS		
	VN		-10	3.57	0.004212	± 2.5	PASS		
	VN		0	-1.33	-0.001569	± 2.5	PASS		
	VN		10	1.5	0.001770	± 2.5	PASS		
	VN		20	2.12	0.002501	± 2.5	PASS		
	VN		30	0.09	0.000106	± 2.5	PASS		
	VN		40	-0.36	-0.000425	± 2.5	PASS		
	VN		50	-0.07	-0.000083	± 2.5	PASS		
HCH	VN		-30	-0.49	-0.000578	± 2.5	PASS		
	VN		-20	3.42	0.004035	± 2.5	PASS		
	VN		-10	2.69	0.003174	± 2.5	PASS		
	VN		0	3.45	0.004071	± 2.5	PASS		
	VN		10	-0.42	-0.000496	± 2.5	PASS		
	VN		20	-0.79	-0.000932	± 2.5	PASS		
	VN		30	0.6	0.000708	± 2.5	PASS		
	VN		40	0.99	0.001168	± 2.5	PASS		

		VN	50	3.26	0.003847	± 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	3	0.003630	± 2.5	PASS
		VN	TN	4.45	0.005384	± 2.5	PASS
		VH	TN	3.14	0.003799	± 2.5	PASS
	MCH	VL	TN	-1.22	-0.001458	± 2.5	PASS
		VN	TN	-0.18	-0.000215	± 2.5	PASS
		VH	TN	3.07	0.003670	± 2.5	PASS
	HCH	VL	TN	0.19	0.000224	± 2.5	PASS
		VN	TN	4.51	0.005328	± 2.5	PASS
		VH	TN	-0.82	-0.000969	± 2.5	PASS
16QAM	LCH	VL	TN	-1.45	-0.001754	± 2.5	PASS
		VN	TN	-1.72	-0.002081	± 2.5	PASS
		VH	TN	2.4	0.002904	± 2.5	PASS
	MCH	VL	TN	4.81	0.005750	± 2.5	PASS
		VN	TN	-1.27	-0.001518	± 2.5	PASS
		VH	TN	-1.23	-0.001470	± 2.5	PASS
	HCH	VL	TN	2.43	0.002871	± 2.5	PASS
		VN	TN	-0.87	-0.001028	± 2.5	PASS
		VH	TN	2.03	0.002398	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	3.83	0.004634	± 2.5	PASS
		VN	-20	4.69	0.005675	± 2.5	PASS
		VN	-10	4.75	0.005747	± 2.5	PASS
		VN	0	2.55	0.003085	± 2.5	PASS
		VN	10	4.19	0.005070	± 2.5	PASS
		VN	20	2.94	0.003557	± 2.5	PASS
		VN	30	1.04	0.001258	± 2.5	PASS
		VN	40	3.76	0.004549	± 2.5	PASS
		VN	50	-1.98	-0.002396	± 2.5	PASS
	MCH	VN	-30	-0.28	-0.000335	± 2.5	PASS
		VN	-20	3.36	0.004017	± 2.5	PASS
		VN	-10	-0.35	-0.000418	± 2.5	PASS
		VN	0	1.16	0.001387	± 2.5	PASS

		VN	10	3.2	0.003825	± 2.5	PASS
		VN	20	3.34	0.003993	± 2.5	PASS
		VN	30	4.47	0.005344	± 2.5	PASS
		VN	40	2.24	0.002678	± 2.5	PASS
		VN	50	4.04	0.004830	± 2.5	PASS
	HCH	VN	-30	3.1	0.003662	± 2.5	PASS
		VN	-20	4.07	0.004808	± 2.5	PASS
		VN	-10	-1.8	-0.002126	± 2.5	PASS
		VN	0	2.57	0.003036	± 2.5	PASS
		VN	10	0.81	0.000957	± 2.5	PASS
		VN	20	4.9	0.005789	± 2.5	PASS
		VN	30	-1.58	-0.001867	± 2.5	PASS
		VN	40	4.91	0.005800	± 2.5	PASS
		VN	50	2.59	0.003060	± 2.5	PASS
		16QAM	LCH	VN	-30	2.32	0.002773
VN	-20			4.1	0.004901	± 2.5	PASS
VN	-10			-1.38	-0.001650	± 2.5	PASS
VN	0			4.55	0.005439	± 2.5	PASS
VN	10			3.84	0.004591	± 2.5	PASS
VN	20			-0.12	-0.000143	± 2.5	PASS
VN	30			2.26	0.002702	± 2.5	PASS
VN	40			1.86	0.002224	± 2.5	PASS
VN	50			-0.08	-0.000096	± 2.5	PASS
MCH	VN		-30	-1.24	-0.001465	± 2.5	PASS
	VN		-20	4.36	0.005151	± 2.5	PASS
	VN		-10	-1.87	-0.002209	± 2.5	PASS
	VN		0	2.1	0.002481	± 2.5	PASS
	VN		10	-0.98	-0.001158	± 2.5	PASS
	VN		20	2.84	0.003355	± 2.5	PASS
	VN		30	0.56	0.000662	± 2.5	PASS
	VN		40	1.57	0.001855	± 2.5	PASS
	VN		50	-0.23	-0.000272	± 2.5	PASS
HCH	VN		-30	3.08	0.003639	± 2.5	PASS
	VN		-20	1.71	0.002020	± 2.5	PASS
	VN		-10	2.02	0.002386	± 2.5	PASS
	VN		0	3.9	0.004607	± 2.5	PASS
	VN		10	3.12	0.003686	± 2.5	PASS
	VN		20	2.46	0.002906	± 2.5	PASS
	VN		30	3.38	0.003993	± 2.5	PASS
	VN		40	0.07	0.000083	± 2.5	PASS
	VN		50	3.3	0.003898	± 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	-1.5	-0.001809	± 2.5	PASS
		VN	TN	-0.75	-0.000905	± 2.5	PASS
		VH	TN	4.03	0.004861	± 2.5	PASS
	MCH	VL	TN	4.32	0.005164	± 2.5	PASS
		VN	TN	-0.06	-0.000072	± 2.5	PASS
		VH	TN	3.03	0.003622	± 2.5	PASS
	HCH	VL	TN	-1.51	-0.001789	± 2.5	PASS
		VN	TN	3.54	0.004194	± 2.5	PASS
		VH	TN	-1.51	-0.001789	± 2.5	PASS
16QAM	LCH	VL	TN	2.1	0.002533	± 2.5	PASS
		VN	TN	-0.48	-0.000579	± 2.5	PASS
		VH	TN	-1.88	-0.002268	± 2.5	PASS
	MCH	VL	TN	3.75	0.004483	± 2.5	PASS
		VN	TN	-0.87	-0.001040	± 2.5	PASS
		VH	TN	4.63	0.005535	± 2.5	PASS
	HCH	VL	TN	2.81	0.003329	± 2.5	PASS
		VN	TN	-1.25	-0.001481	± 2.5	PASS
		VH	TN	3.87	0.004585	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
16QAM	LCH	VN	-30	0.2	0.000241	± 2.5	PASS
		VN	-20	-0.45	-0.000543	± 2.5	PASS
		VN	-10	3.05	0.003679	± 2.5	PASS
		VN	0	-0.46	-0.000555	± 2.5	PASS
		VN	10	-0.78	-0.000941	± 2.5	PASS
		VN	20	2	0.002413	± 2.5	PASS
		VN	30	0.69	0.000832	± 2.5	PASS
		VN	40	4.16	0.005018	± 2.5	PASS
		VN	50	3.7	0.004463	± 2.5	PASS
	MCH	VN	-30	3.55	0.004244	± 2.5	PASS
		VN	-20	-1.85	-0.002212	± 2.5	PASS
		VN	-10	1.16	0.001387	± 2.5	PASS
		VN	0	0.46	0.000550	± 2.5	PASS
		VN	10	-1.83	-0.002188	± 2.5	PASS
		VN	20	2.46	0.002941	± 2.5	PASS

		VN	30	0.63	0.000753	± 2.5	PASS
		VN	40	-0.78	-0.000932	± 2.5	PASS
		VN	50	-0.83	-0.000992	± 2.5	PASS
	HCH	VN	-30	0.58	0.000687	± 2.5	PASS
		VN	-20	0.93	0.001102	± 2.5	PASS
		VN	-10	3.55	0.004206	± 2.5	PASS
		VN	0	3.16	0.003744	± 2.5	PASS
		VN	10	2.24	0.002654	± 2.5	PASS
		VN	20	-0.46	-0.000545	± 2.5	PASS
		VN	30	0.19	0.000225	± 2.5	PASS
		VN	40	-1.74	-0.002062	± 2.5	PASS
		VN	50	-0.77	-0.000912	± 2.5	PASS
QPSK	LCH	VN	-30	-0.35	-0.000418	± 2.5	PASS
		VN	-20	-0.53	-0.000634	± 2.5	PASS
		VN	-10	0.13	0.000155	± 2.5	PASS
		VN	0	-1.36	-0.001626	± 2.5	PASS
		VN	10	-0.72	-0.000861	± 2.5	PASS
		VN	20	3.28	0.003921	± 2.5	PASS
		VN	30	0.35	0.000418	± 2.5	PASS
		VN	40	-0.67	-0.000801	± 2.5	PASS
		VN	50	4.54	0.005427	± 2.5	PASS
	MCH	VN	-30	-0.38	-0.000450	± 2.5	PASS
		VN	-20	-1.48	-0.001754	± 2.5	PASS
		VN	-10	-0.11	-0.000130	± 2.5	PASS
		VN	0	-0.34	-0.000403	± 2.5	PASS
		VN	10	-0.82	-0.000972	± 2.5	PASS
		VN	20	0.19	0.000225	± 2.5	PASS
		VN	30	-1.69	-0.002002	± 2.5	PASS
		VN	40	0.65	0.000770	± 2.5	PASS
		VN	50	-0.56	-0.000664	± 2.5	PASS
	HCH	VN	-30	0.86	0.001019	± 2.5	PASS
		VN	-20	4.78	0.005664	± 2.5	PASS
		VN	-10	0.15	0.000178	± 2.5	PASS
		VN	0	1.19	0.001410	± 2.5	PASS
		VN	10	2.77	0.003282	± 2.5	PASS
		VN	20	1.15	0.001363	± 2.5	PASS
		VN	30	2.7	0.003199	± 2.5	PASS
		VN	40	-1.32	-0.001564	± 2.5	PASS
		VN	50	1.82	0.002156	± 2.5	PASS