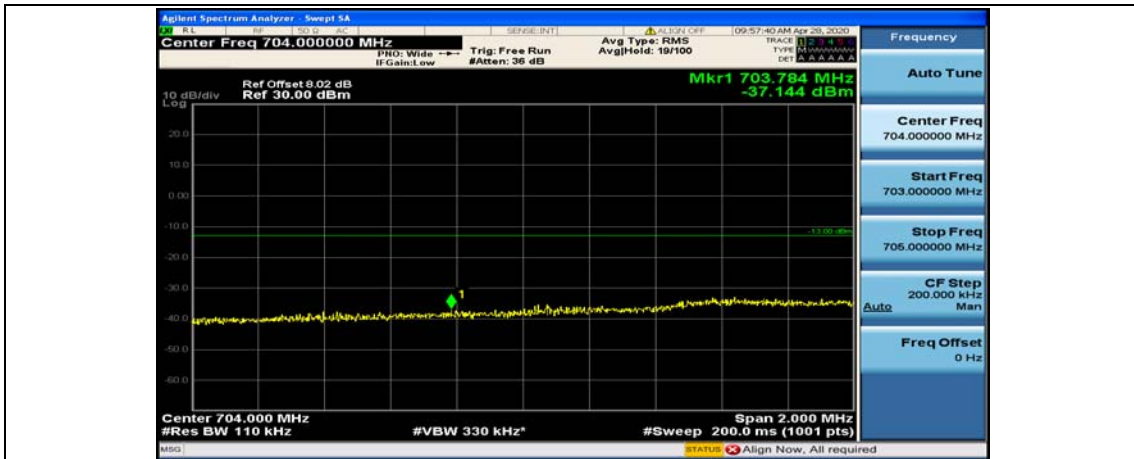
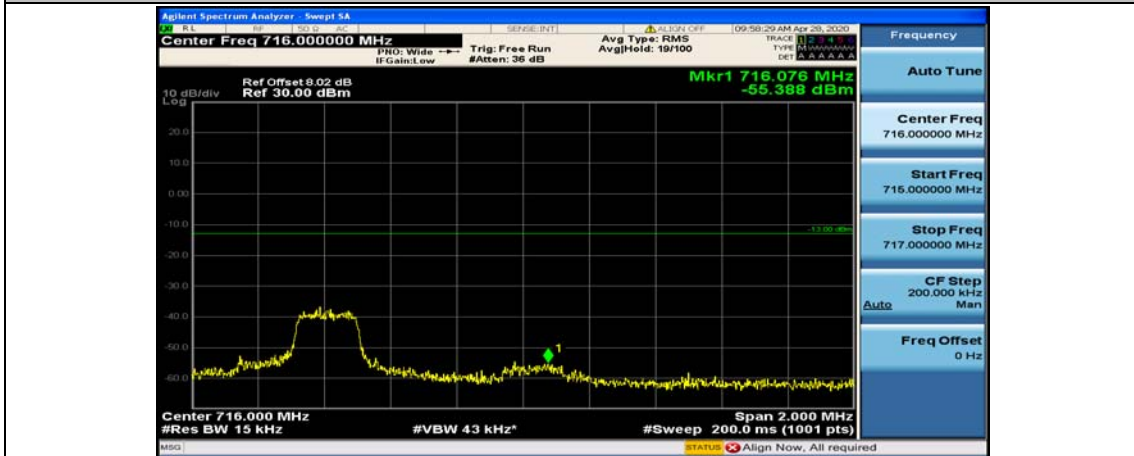




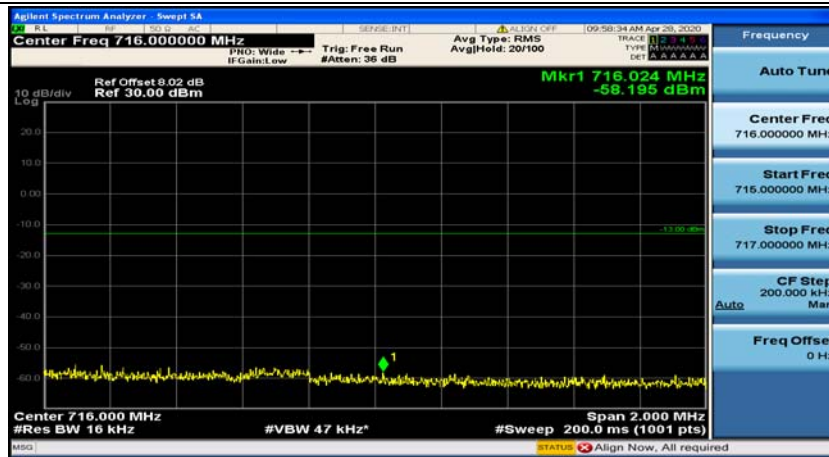
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0



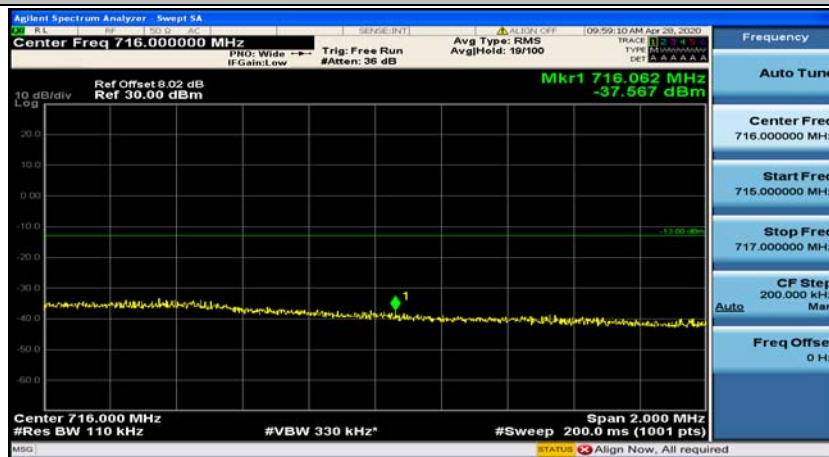
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24



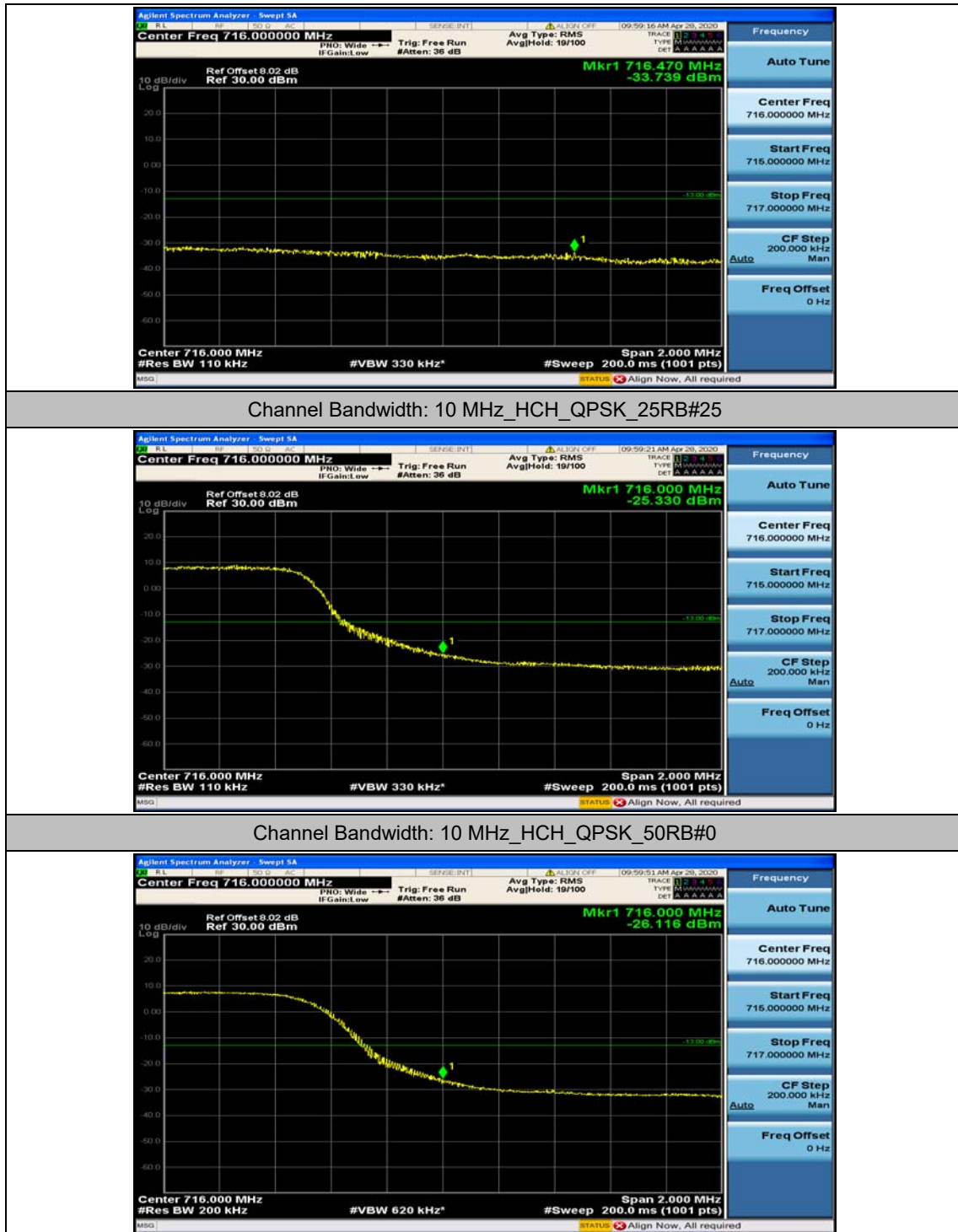
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



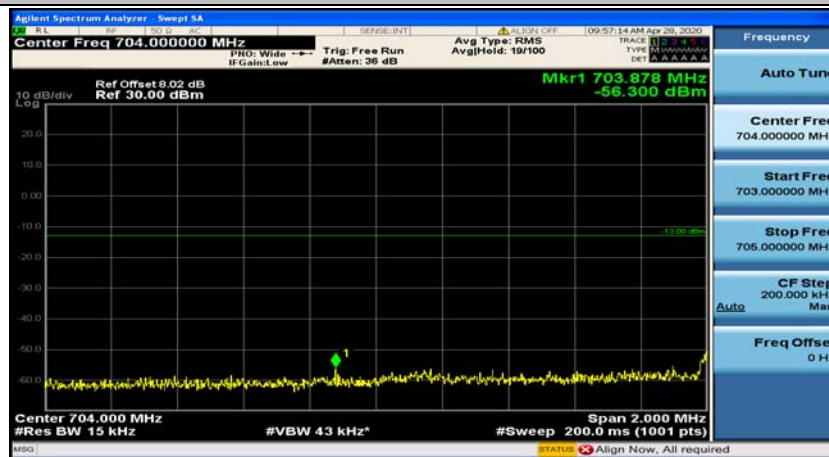
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12



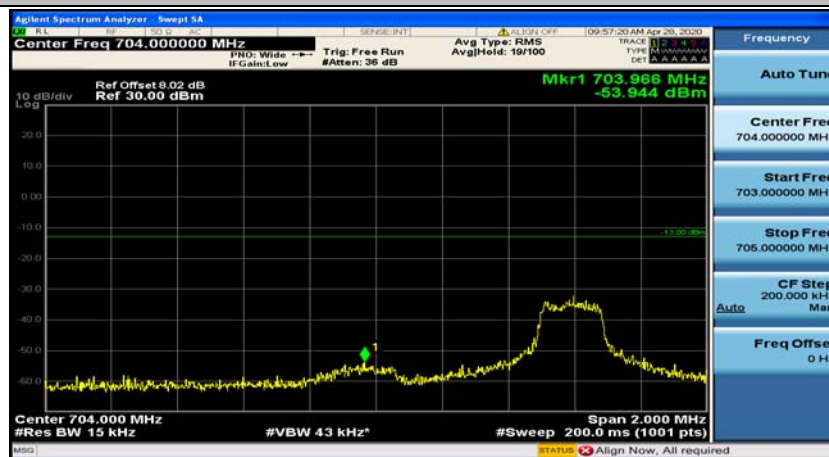
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



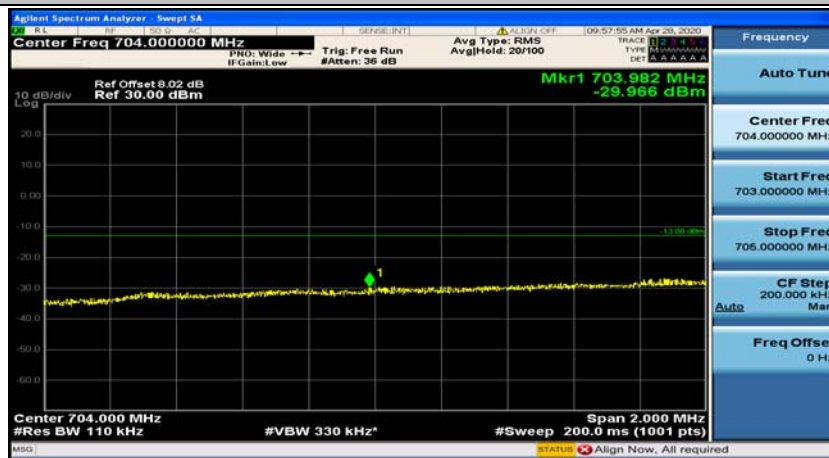
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49



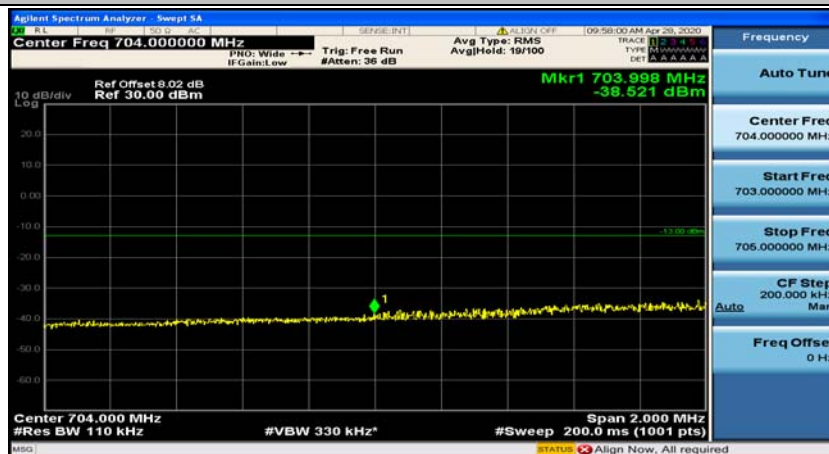
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#12



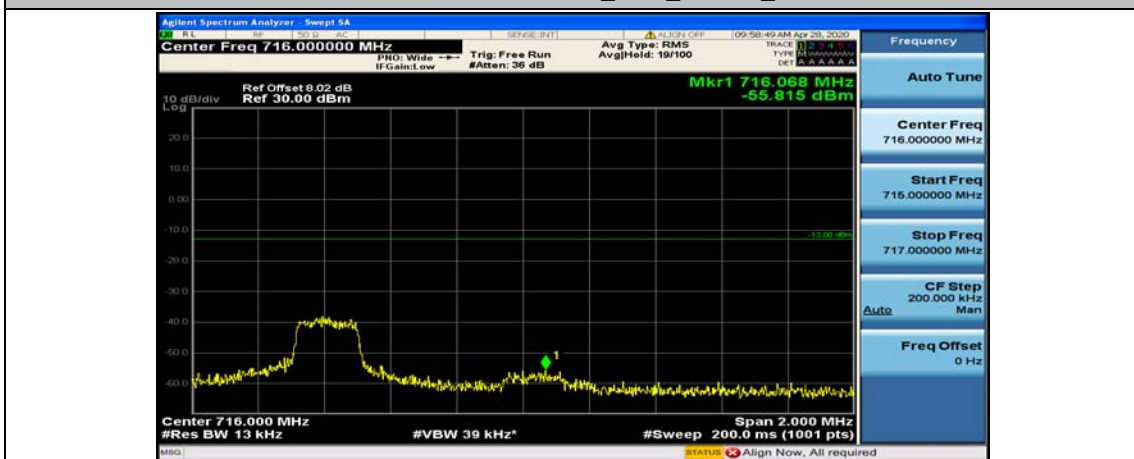
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#25



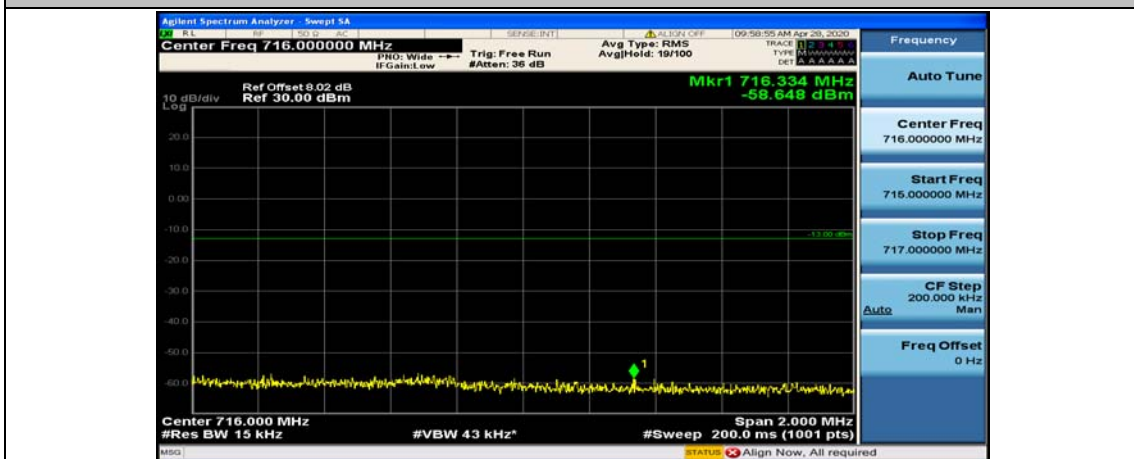
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



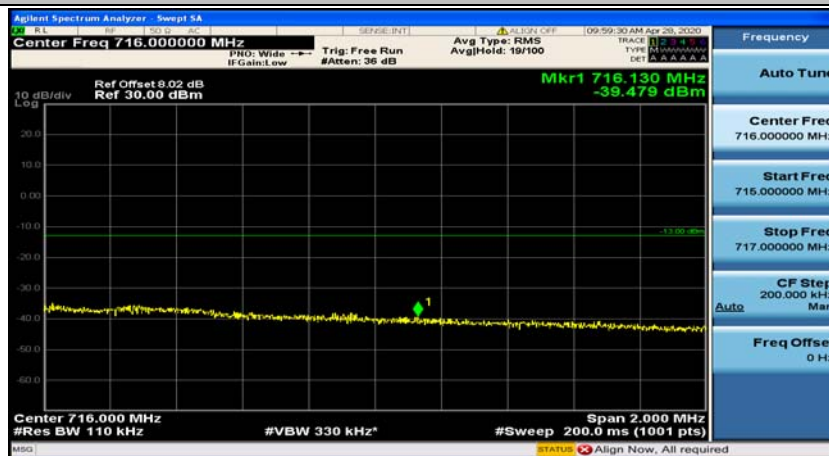
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



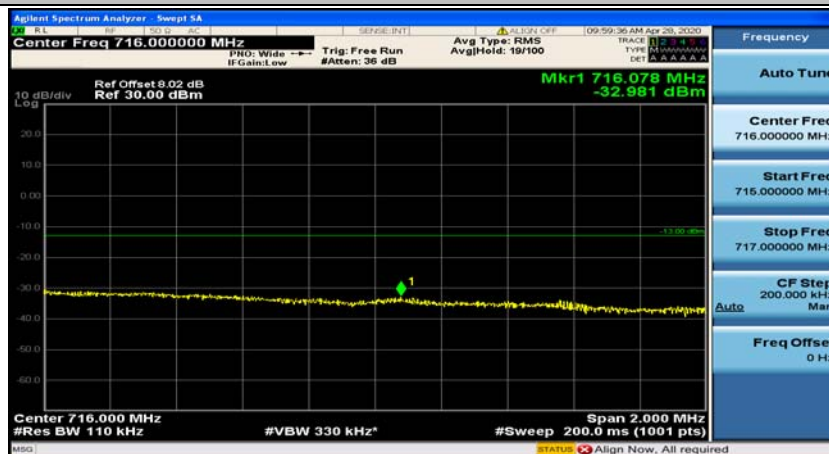
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49



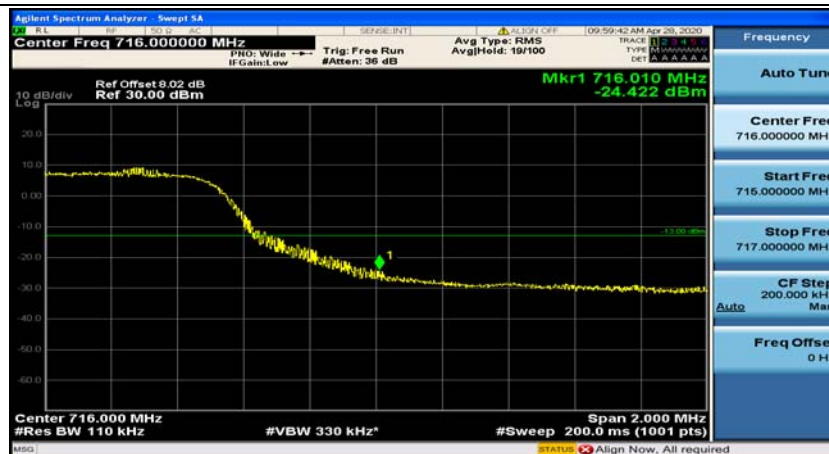
Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0



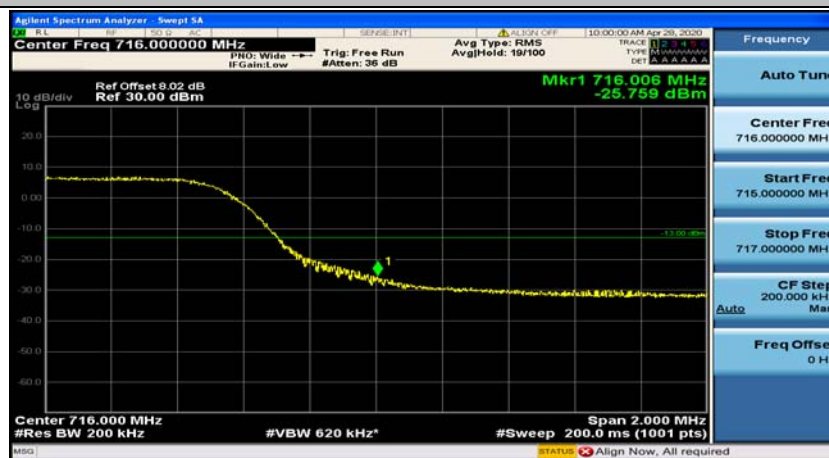
Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#25



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

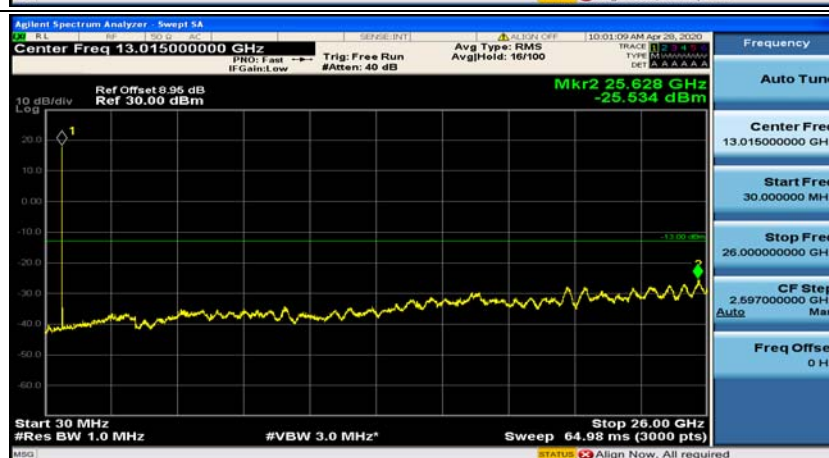
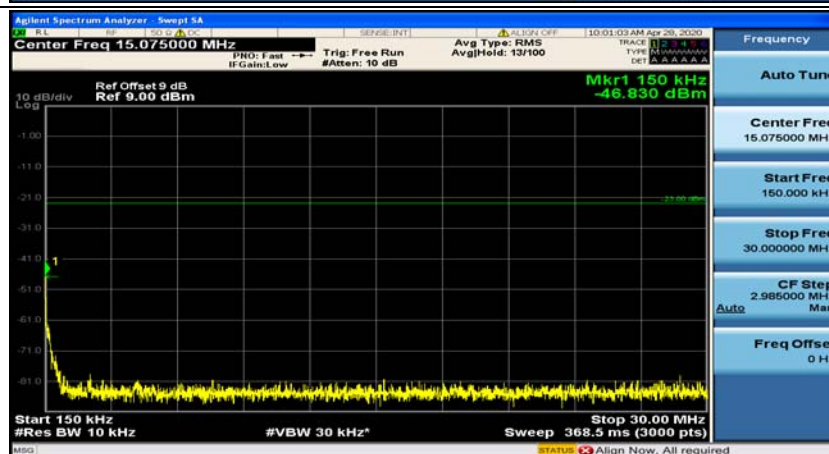
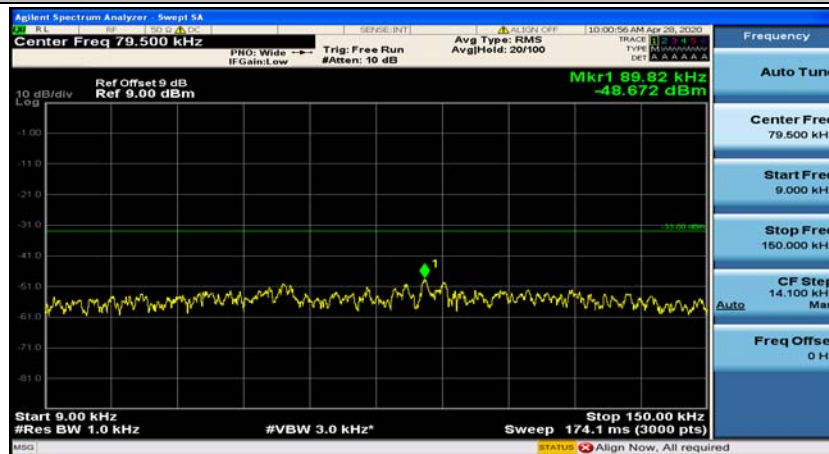


Appendix E: Conducted Spurious Emission

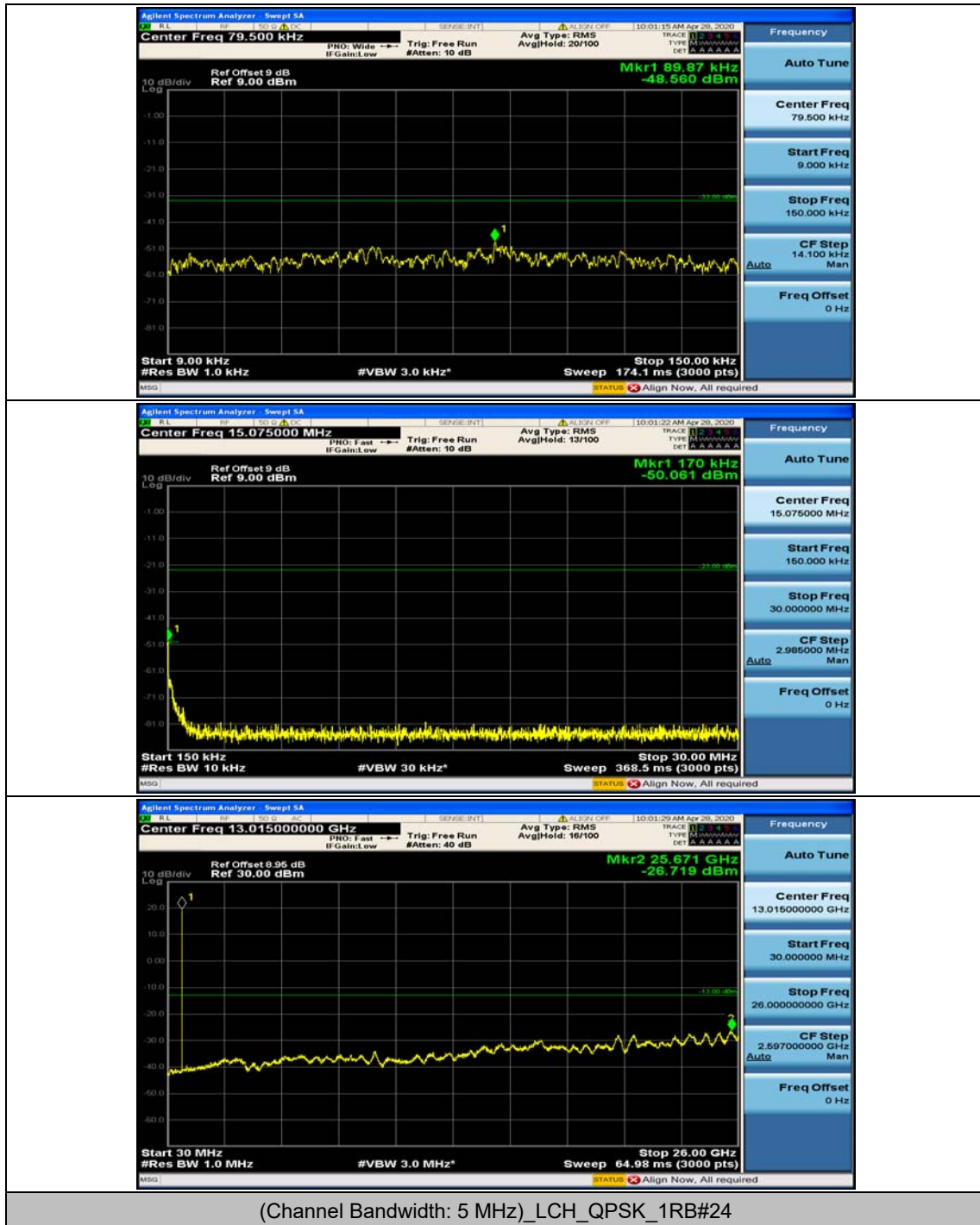
Test Graphs

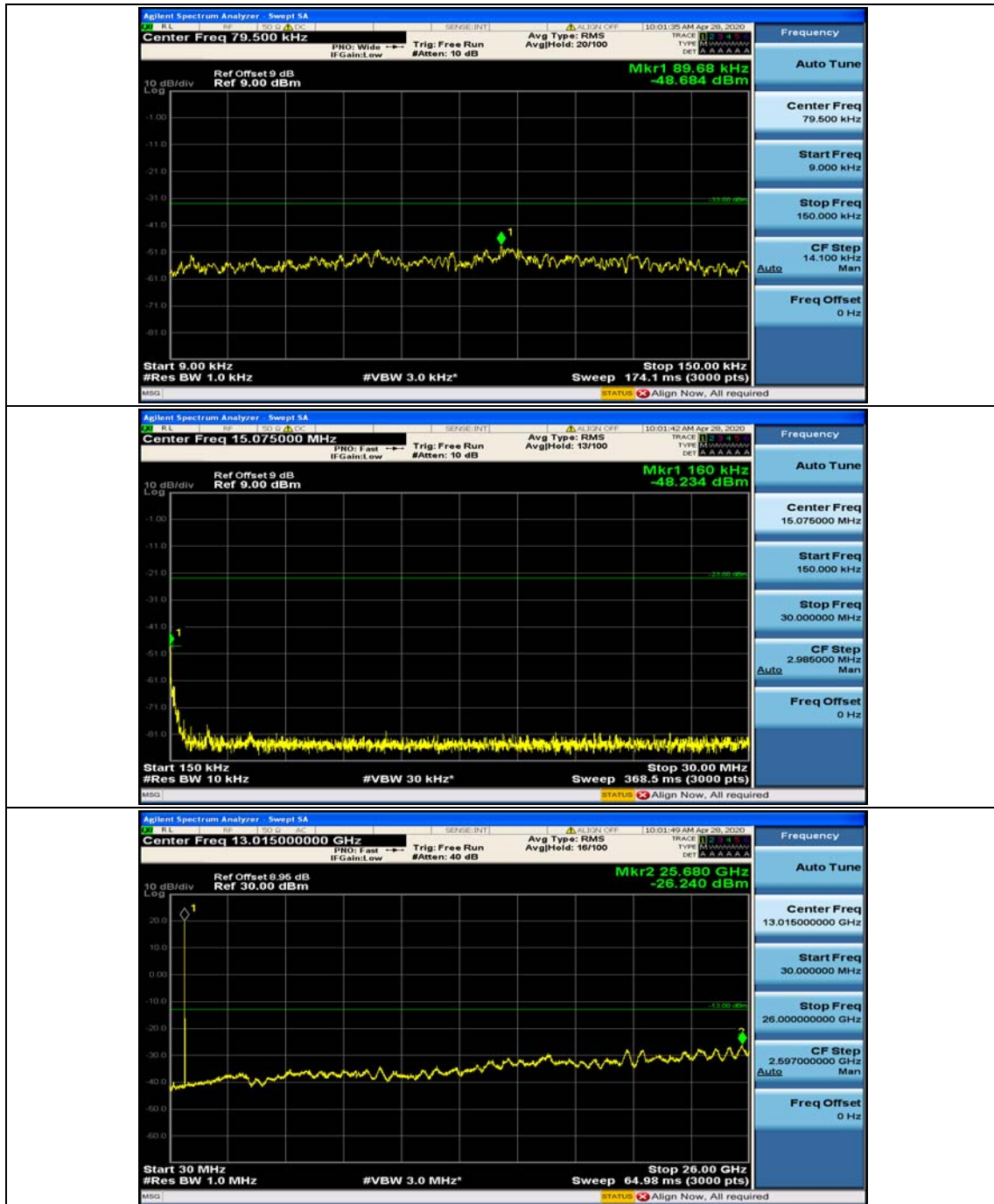
Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0

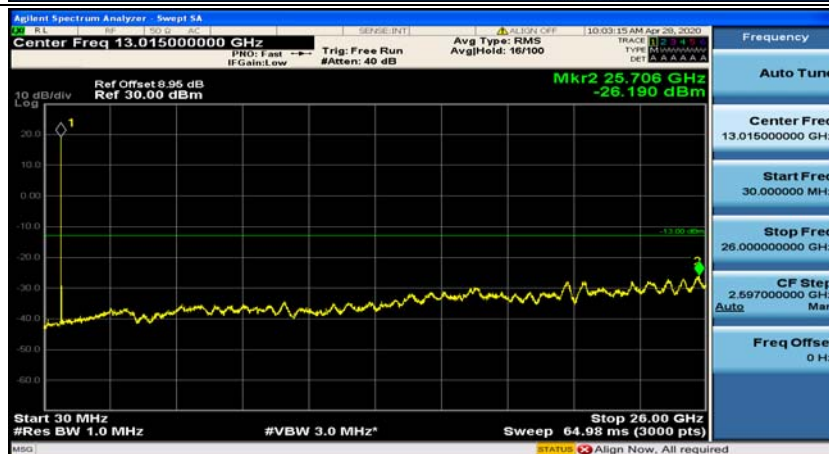
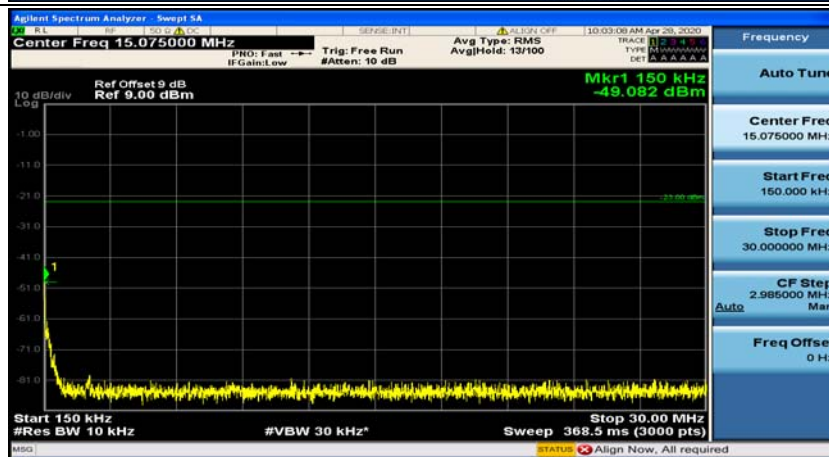
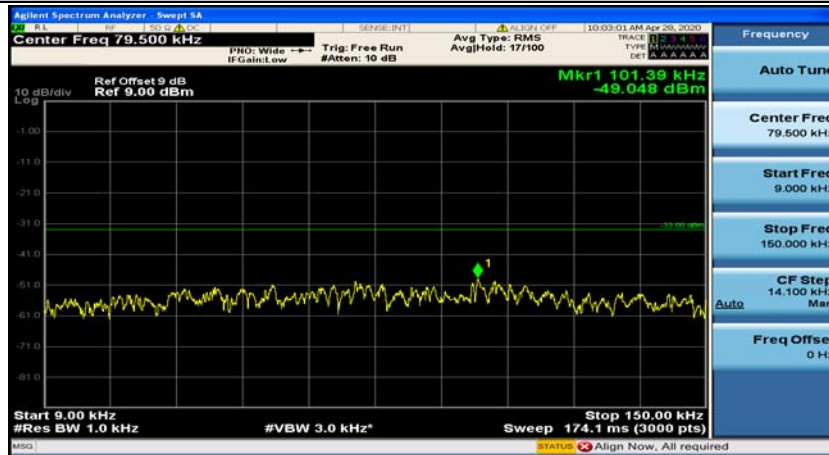


(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12

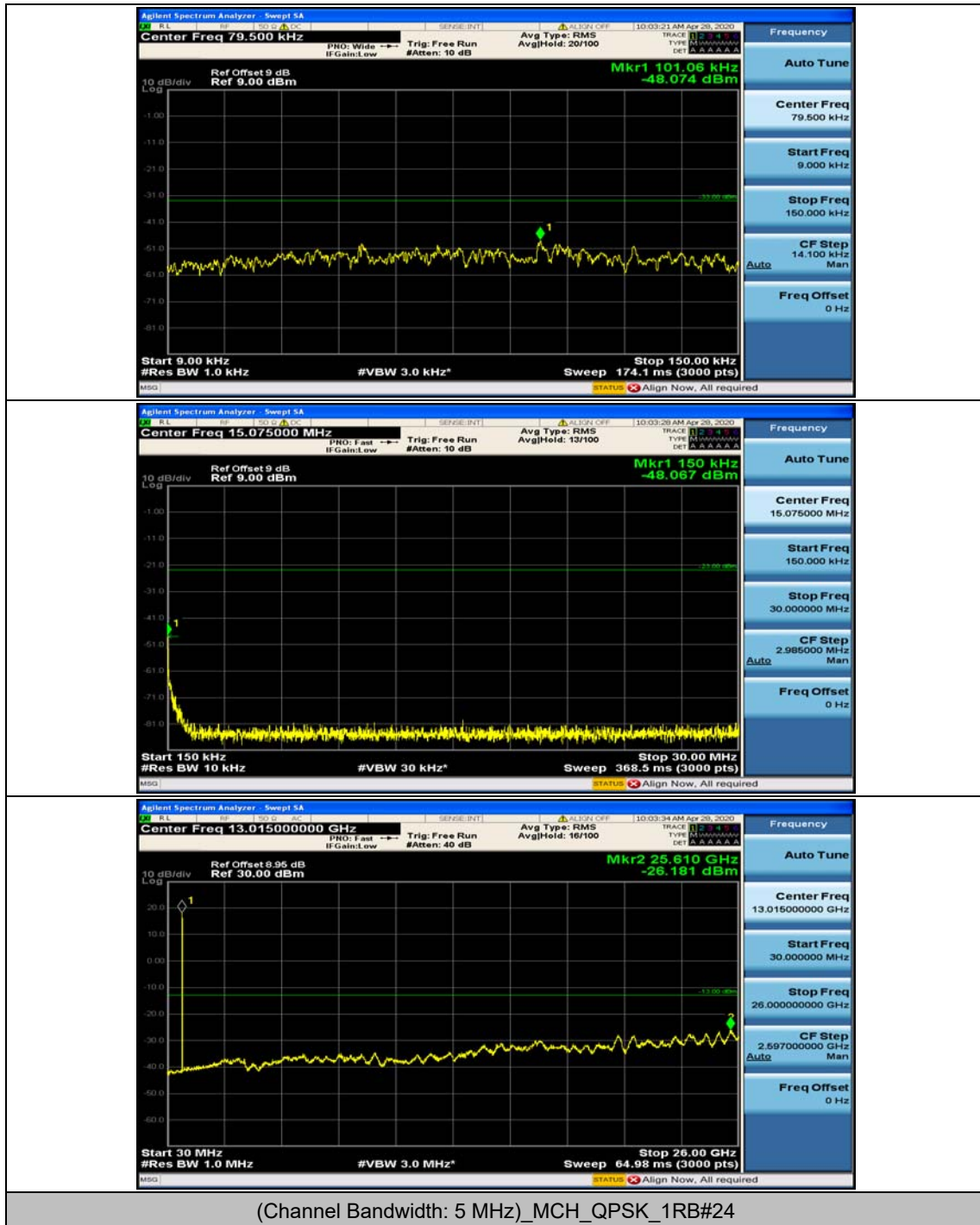


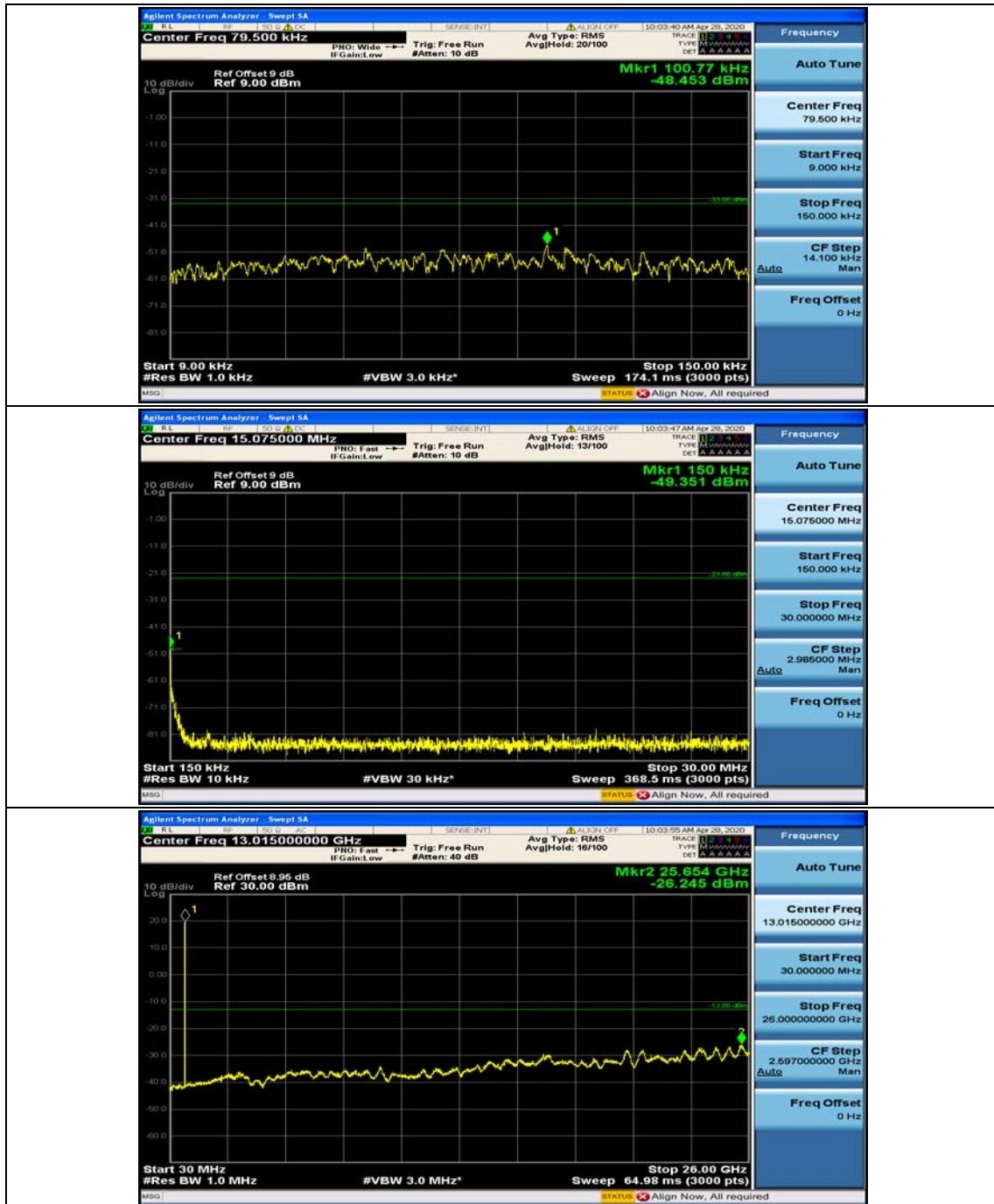


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

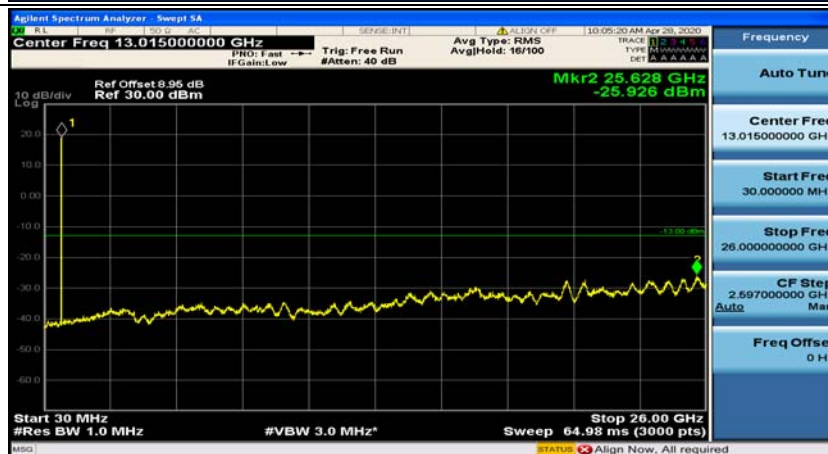
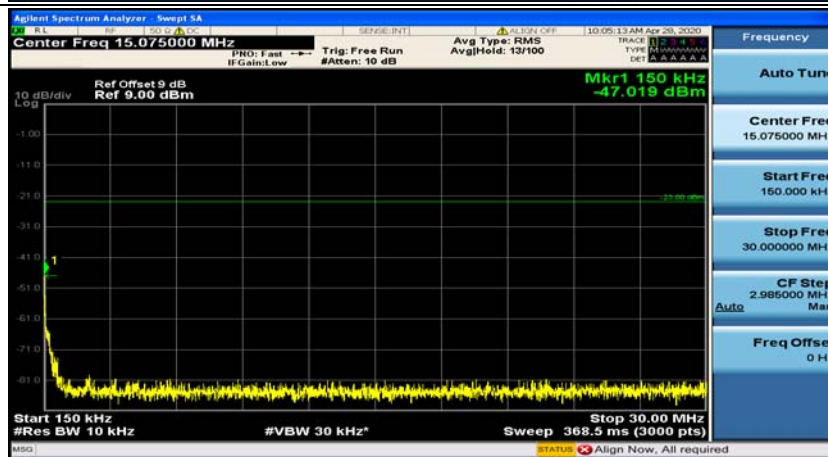
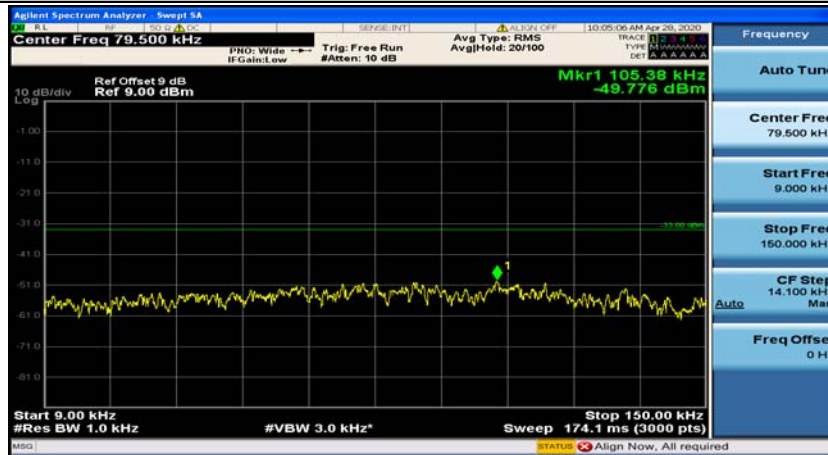


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

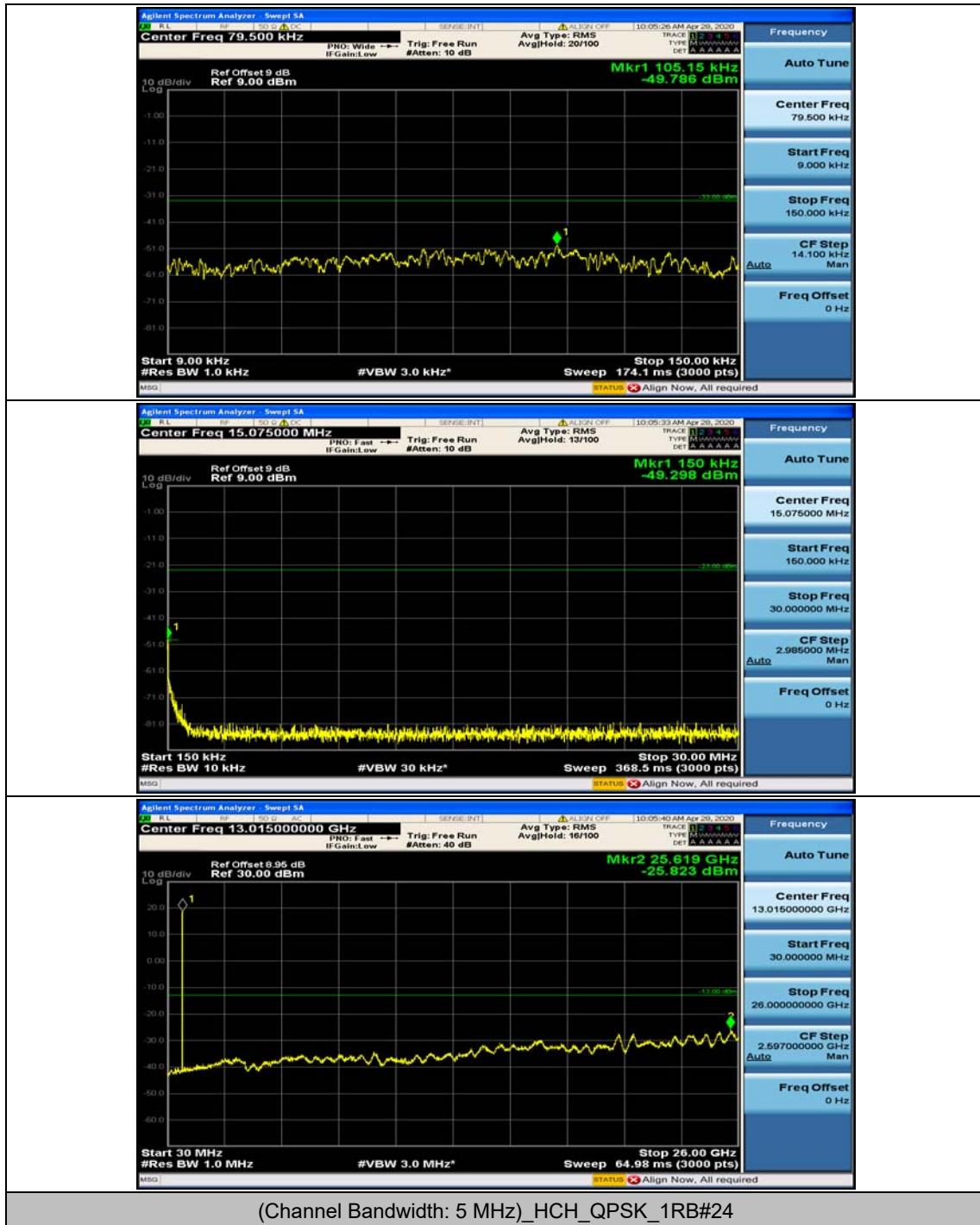


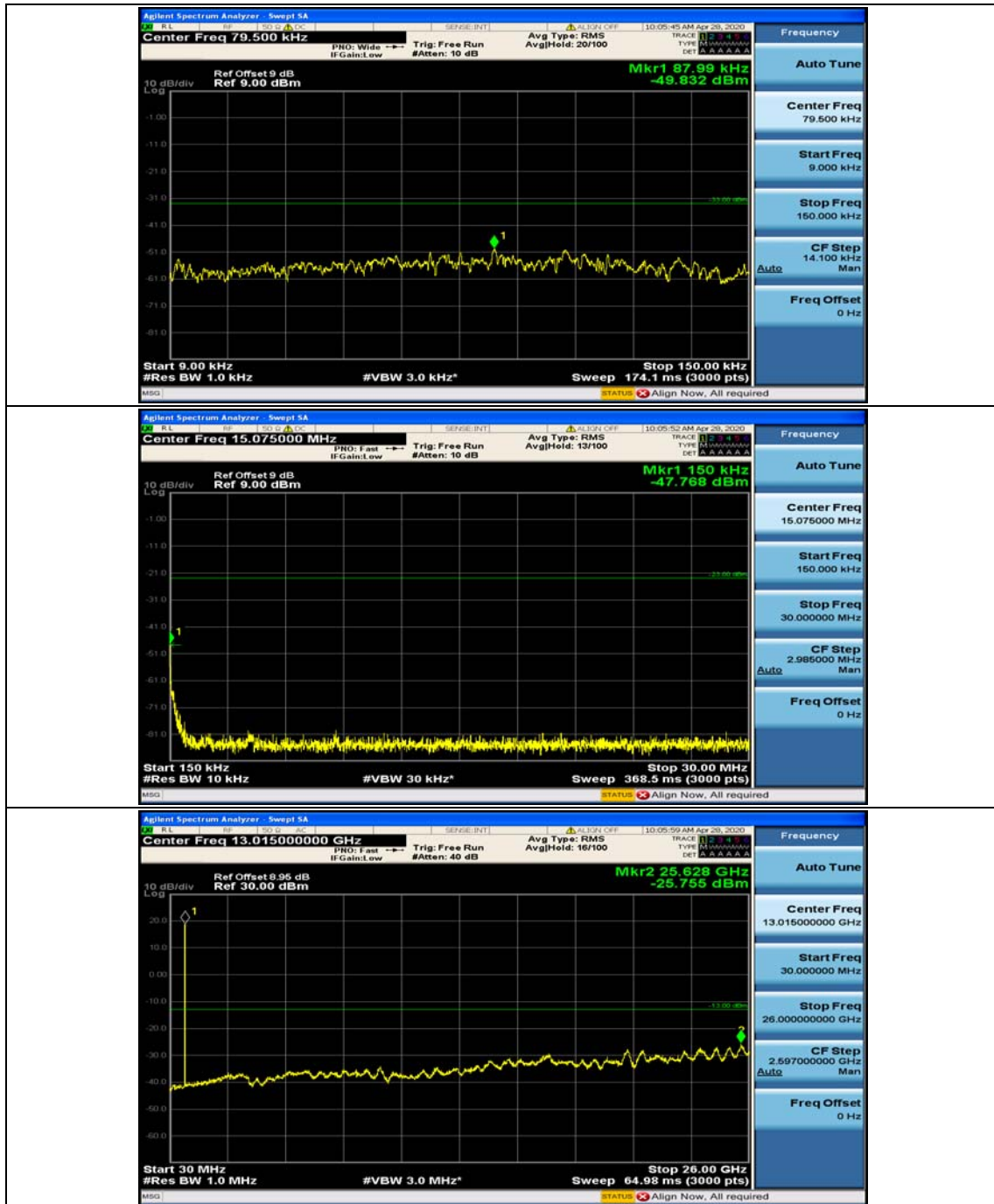


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

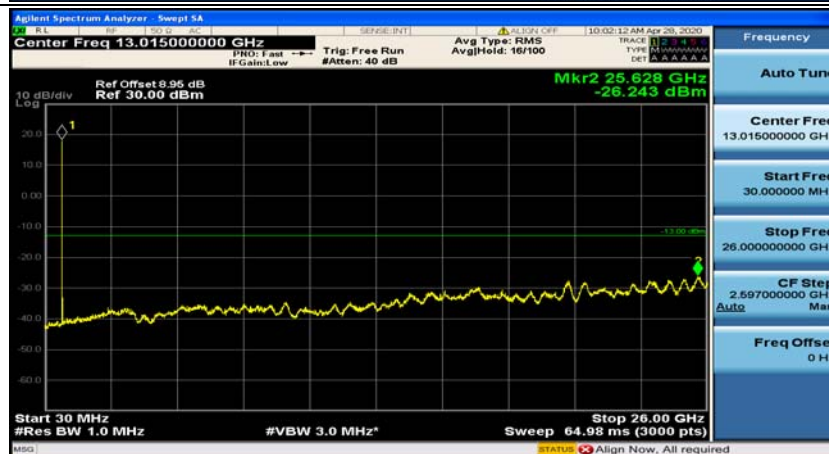
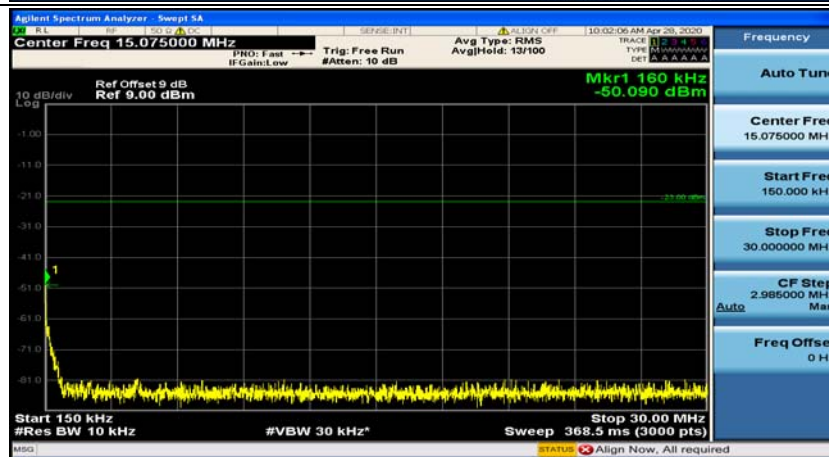


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

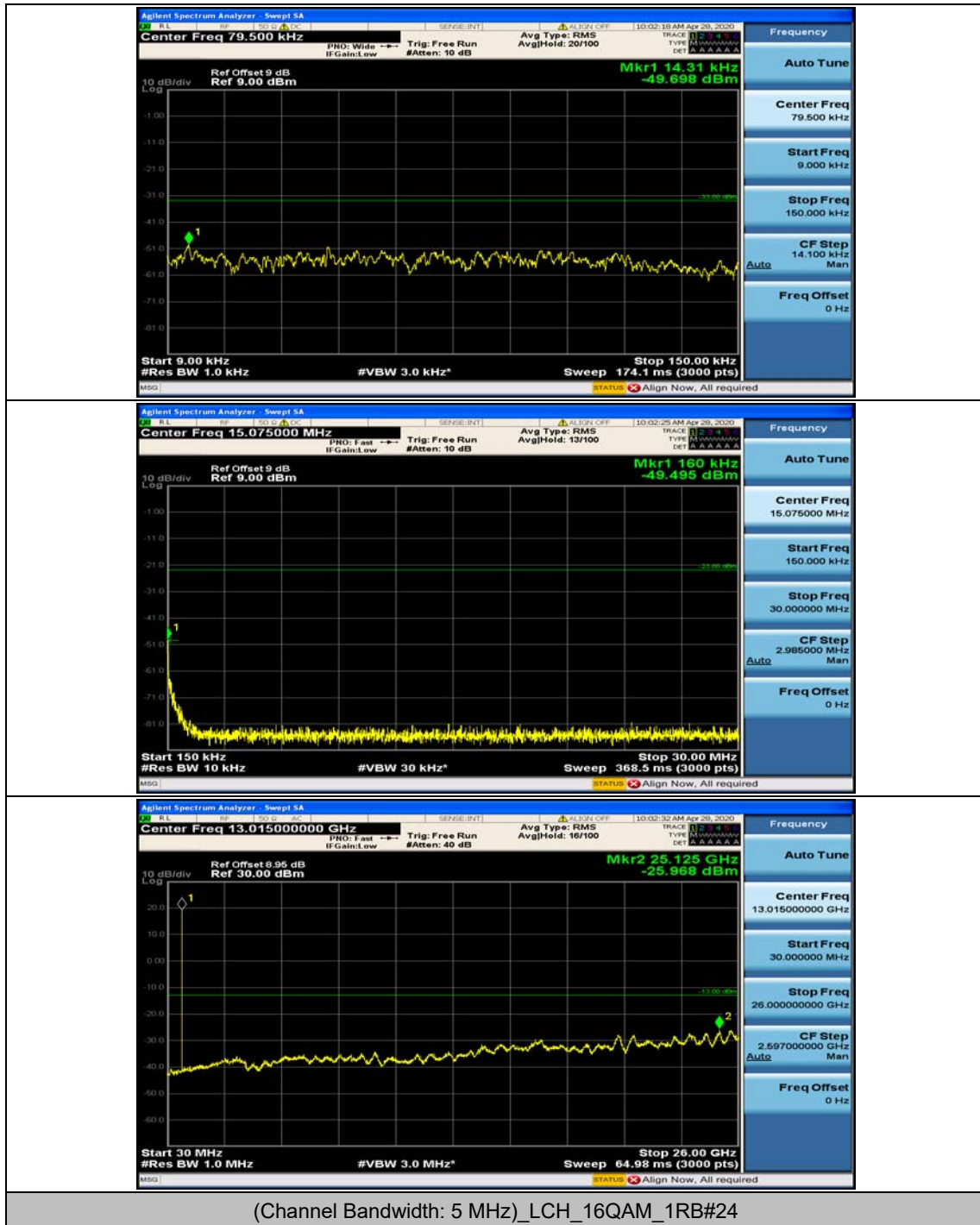


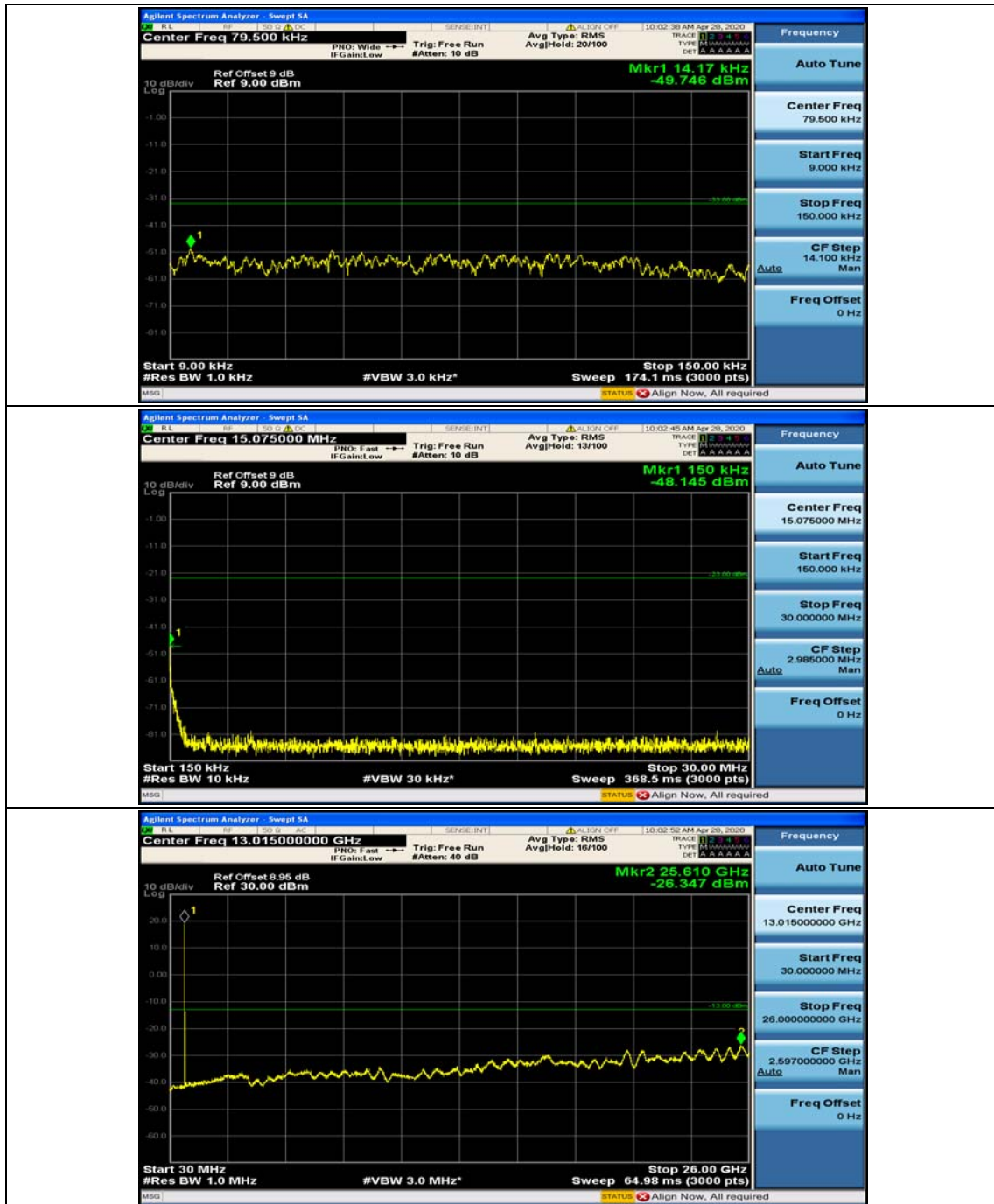


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

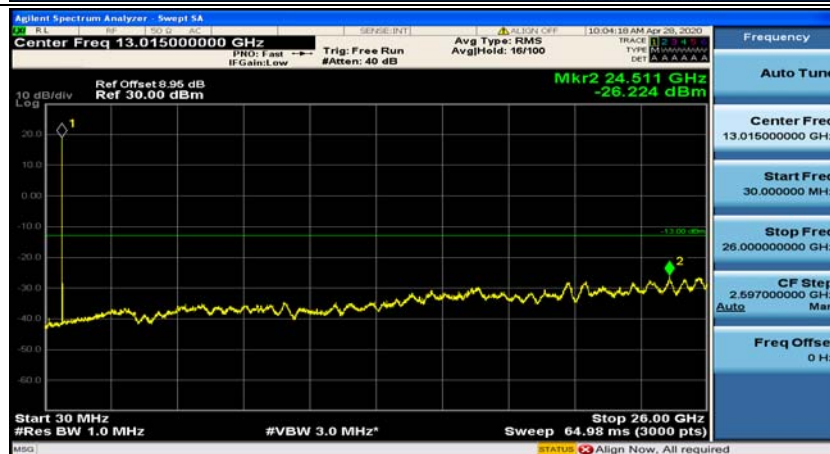
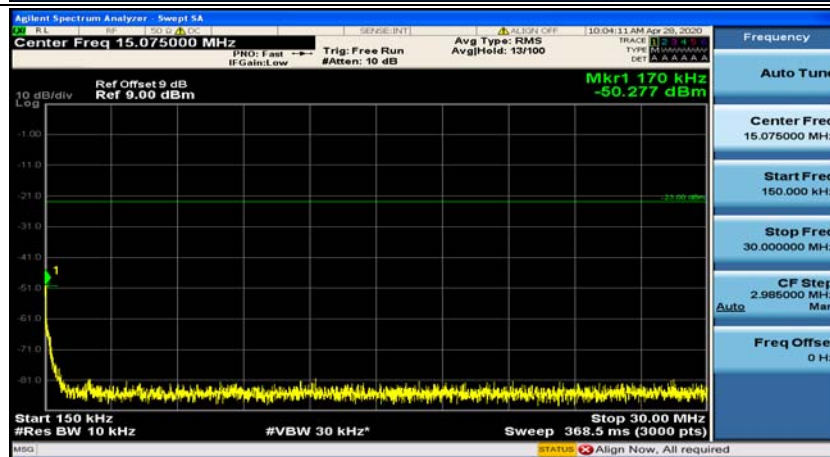


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12

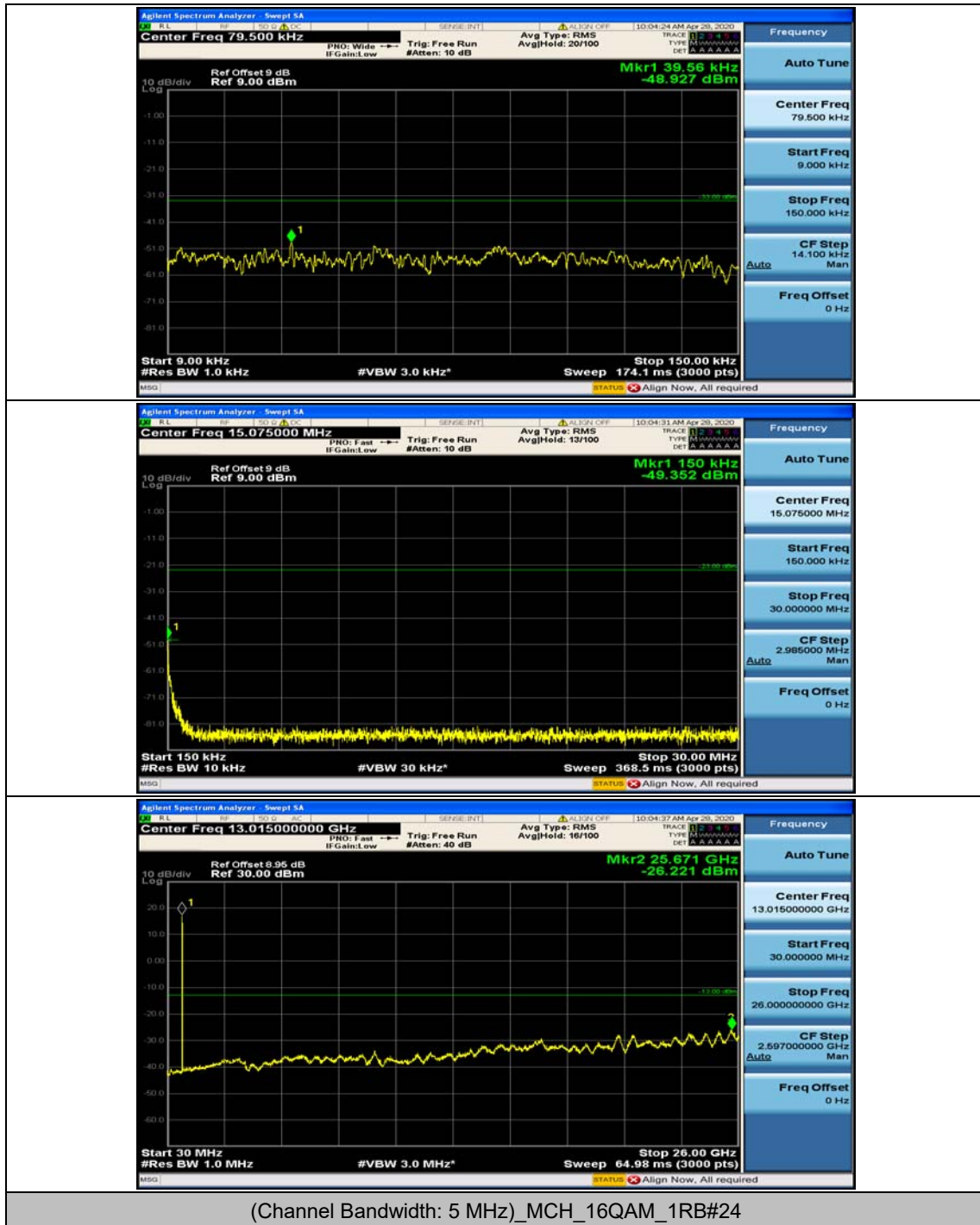


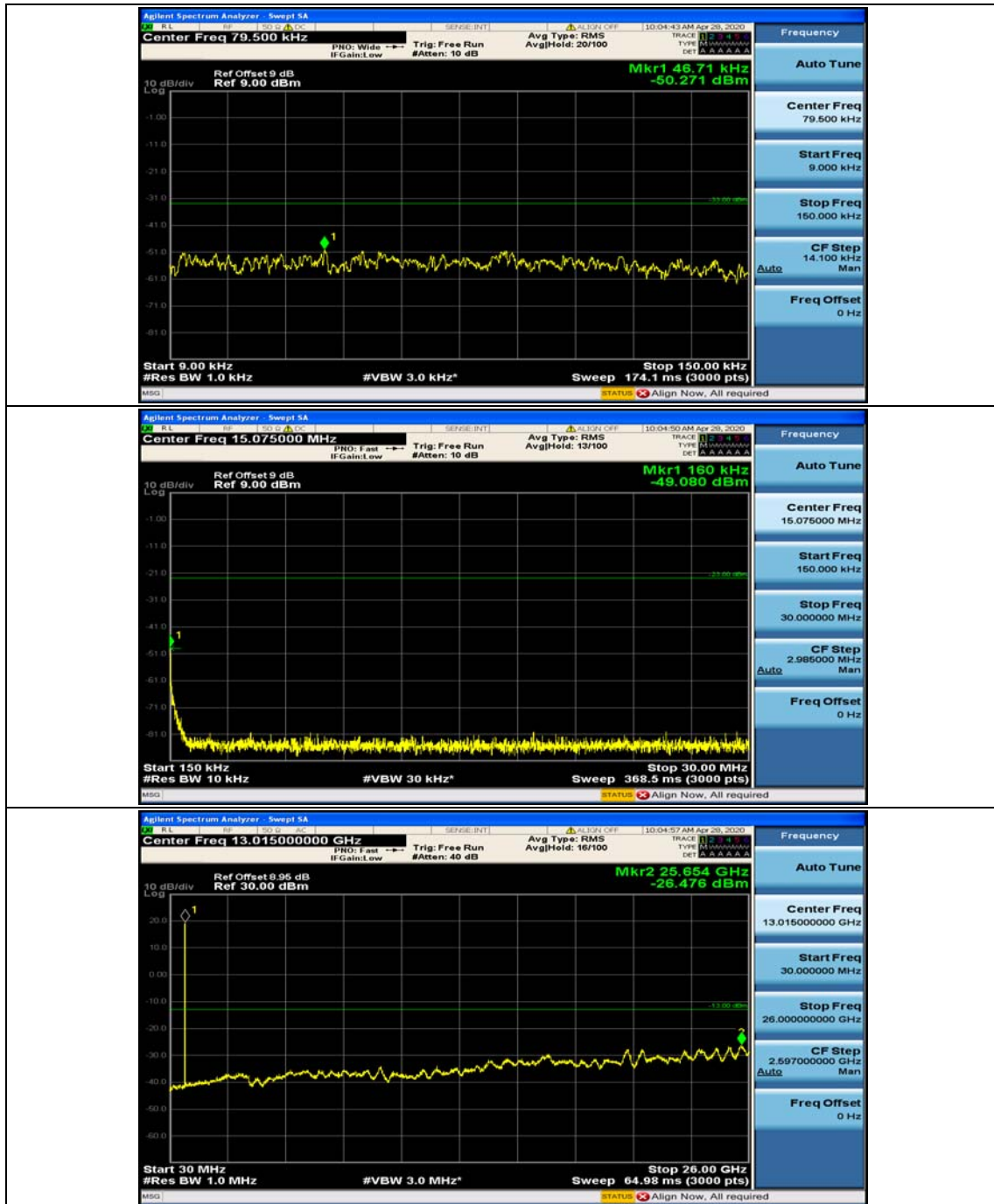


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



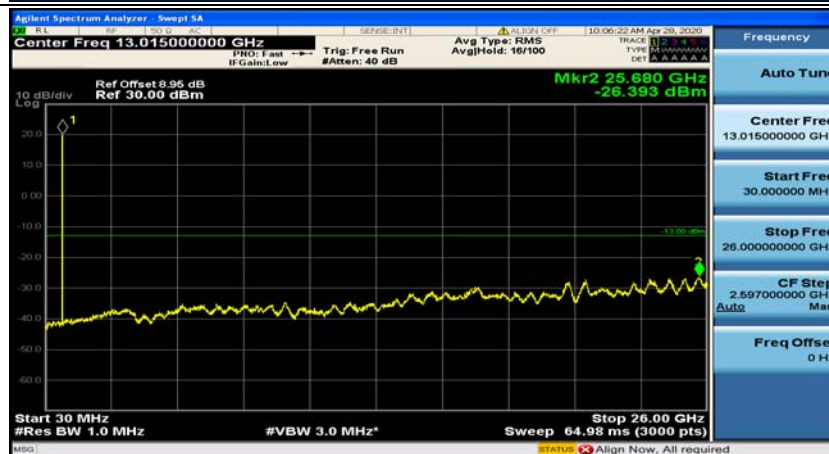
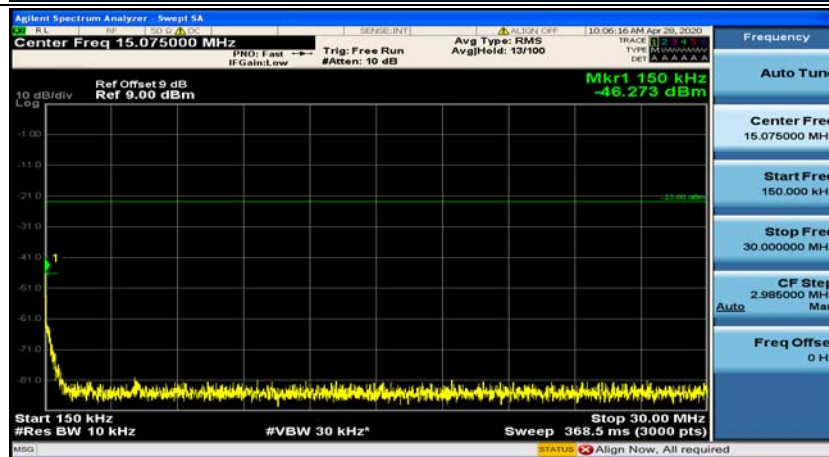
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



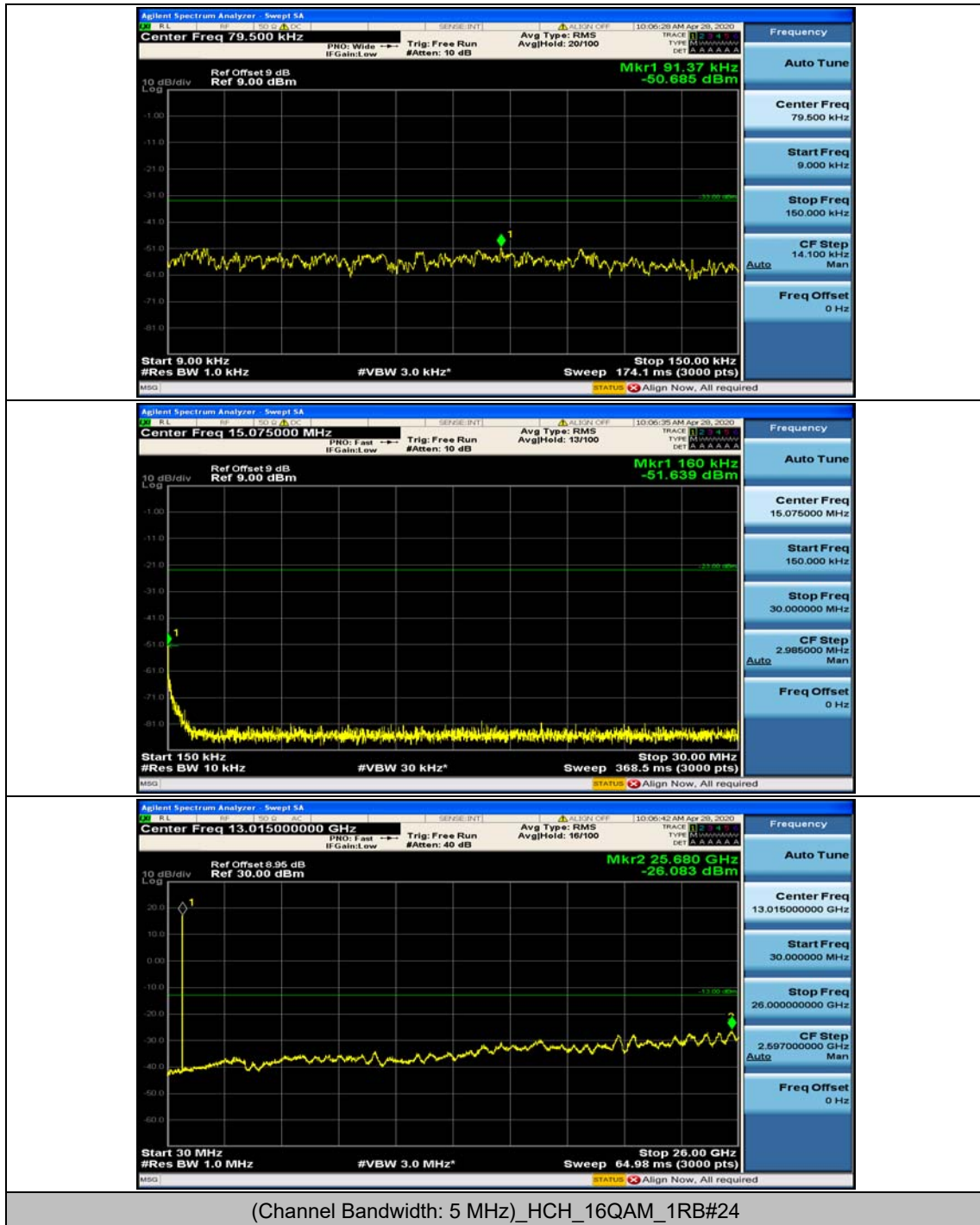


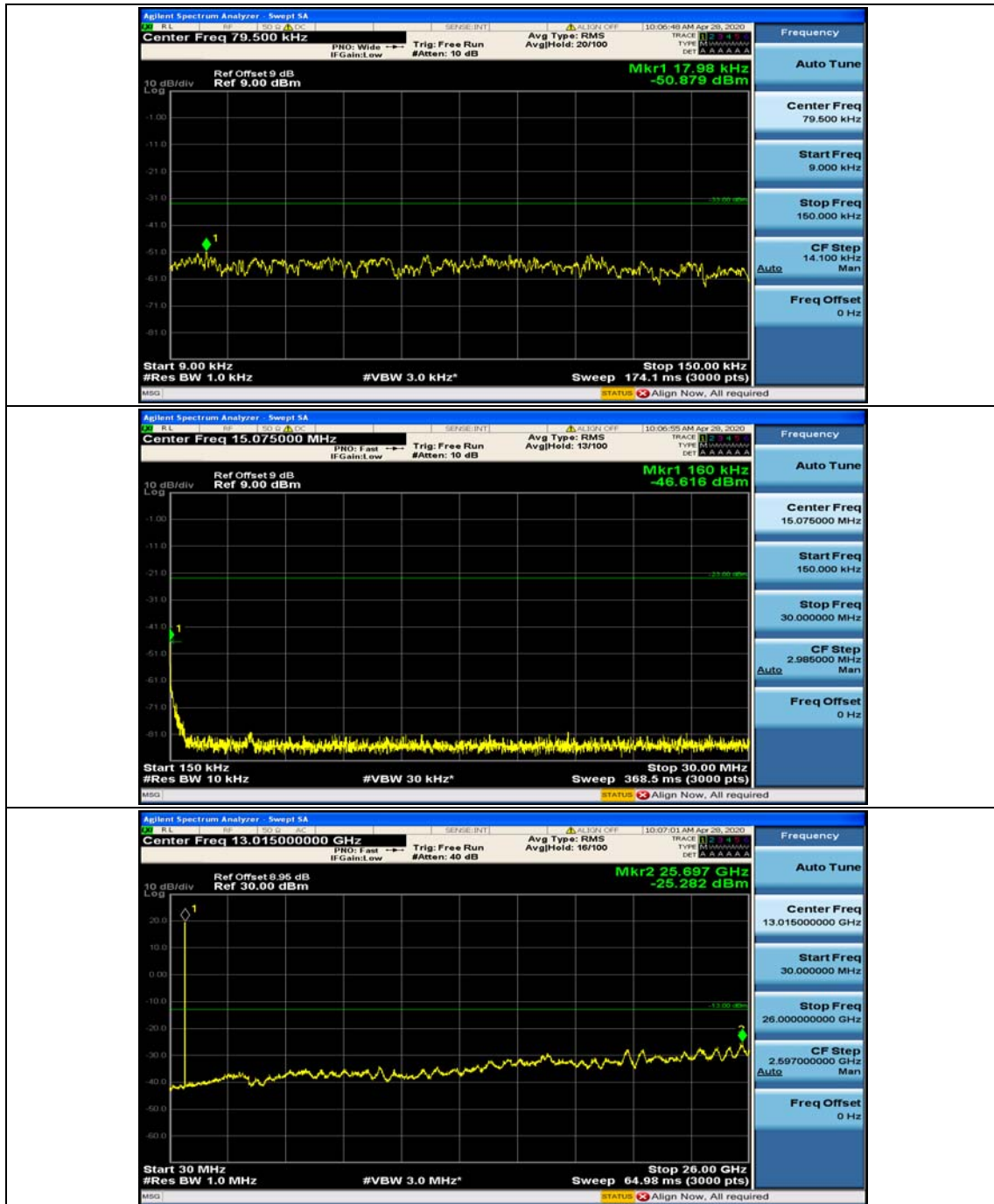


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

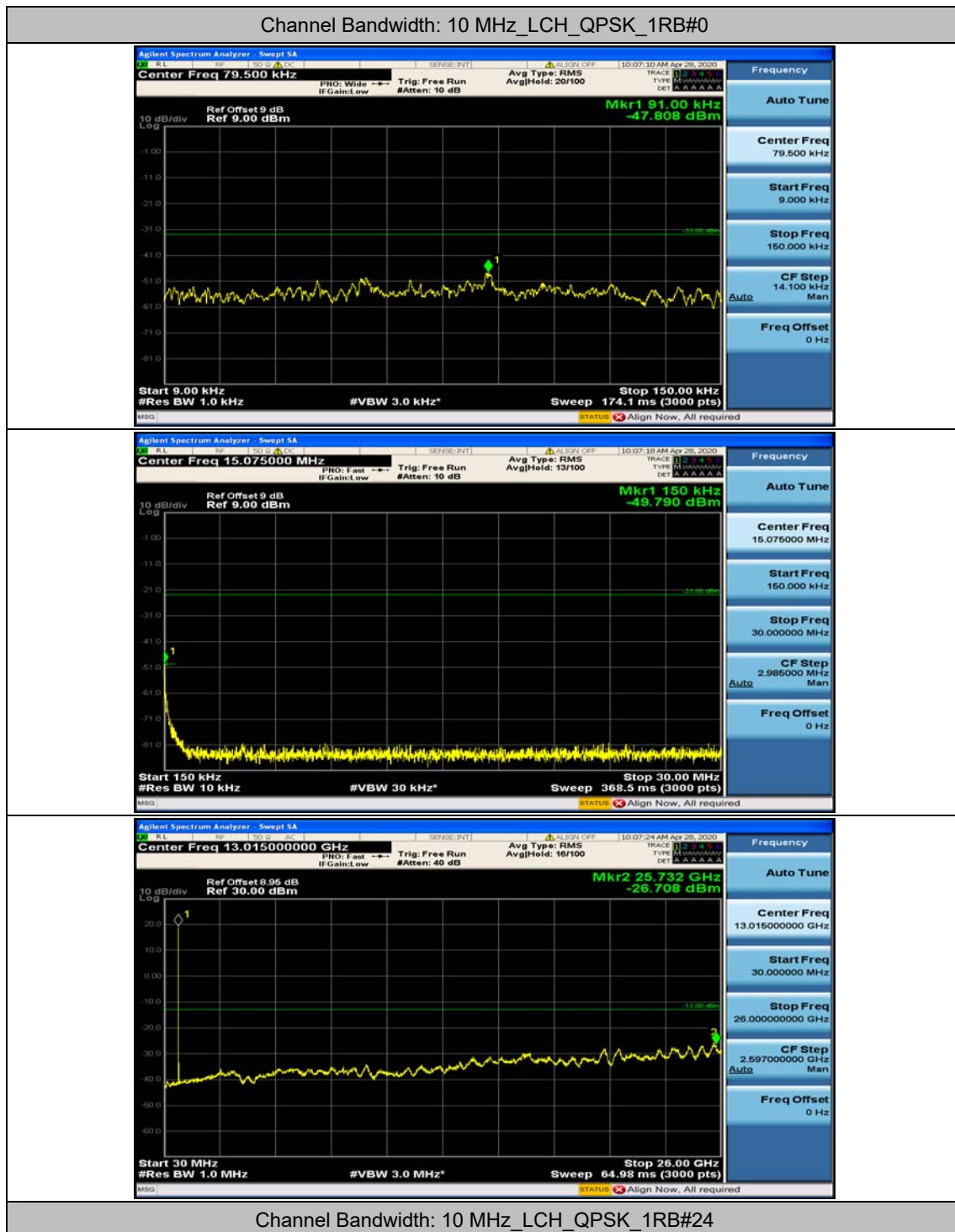


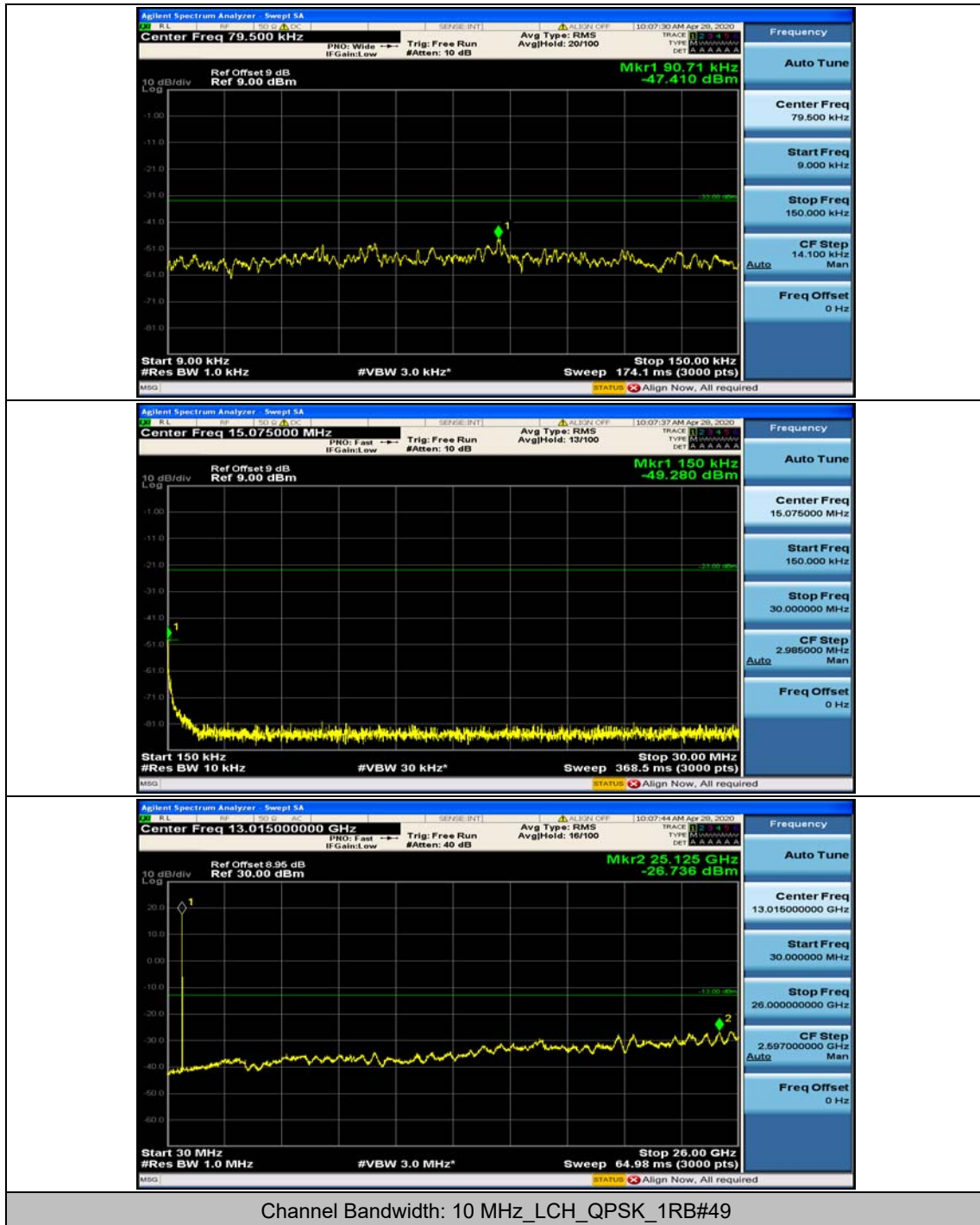
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

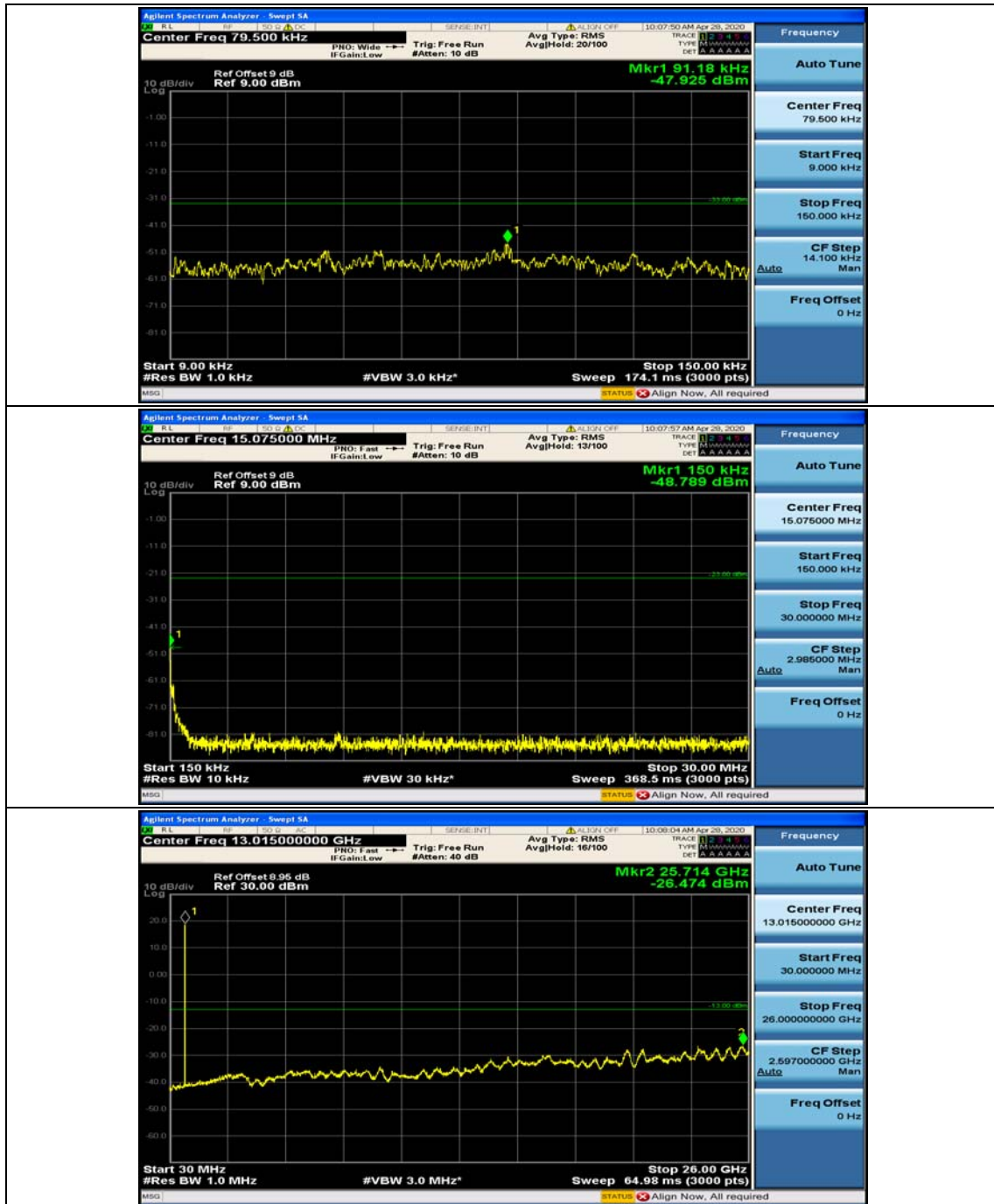




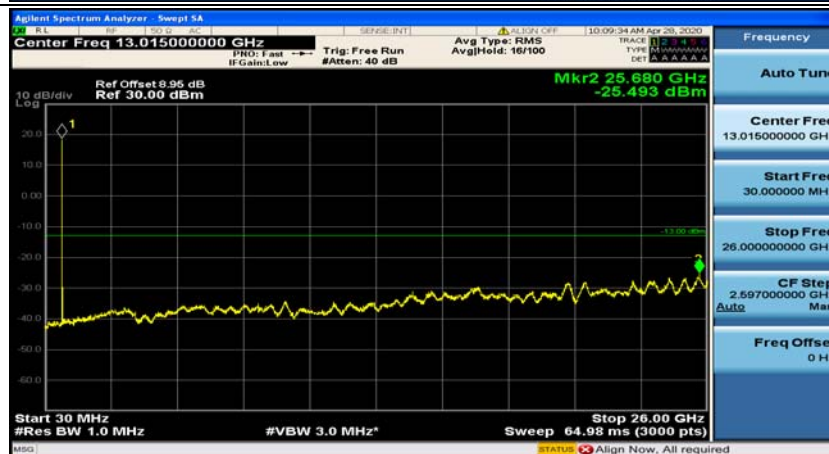
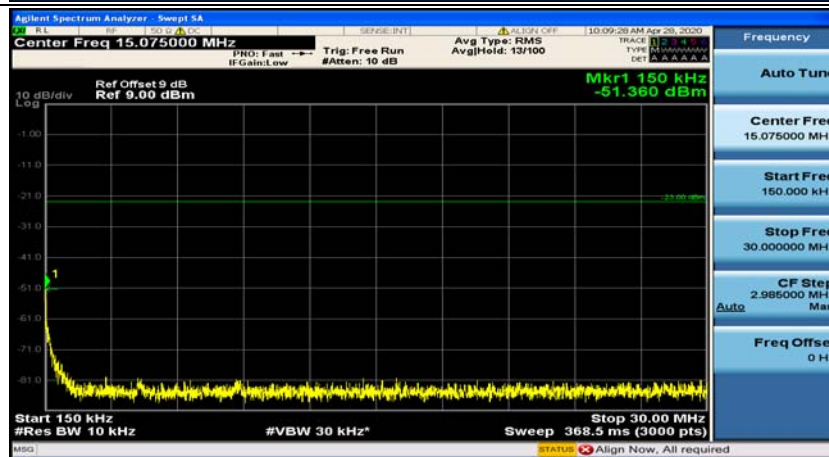
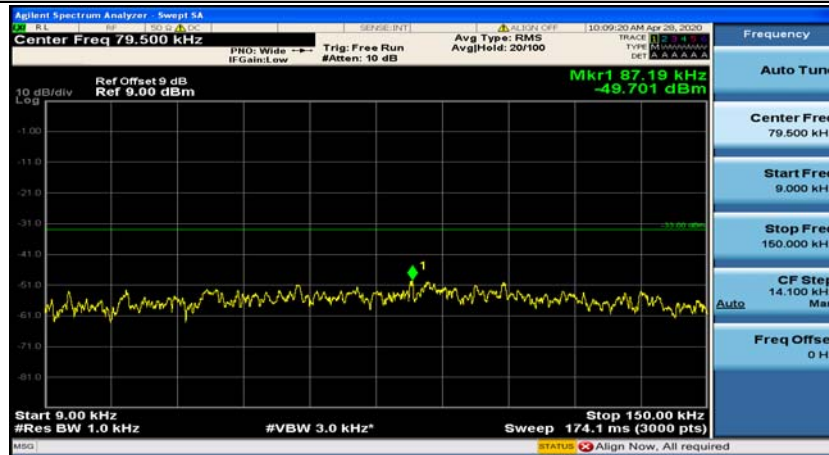
Channel Bandwidth: 10 MHz



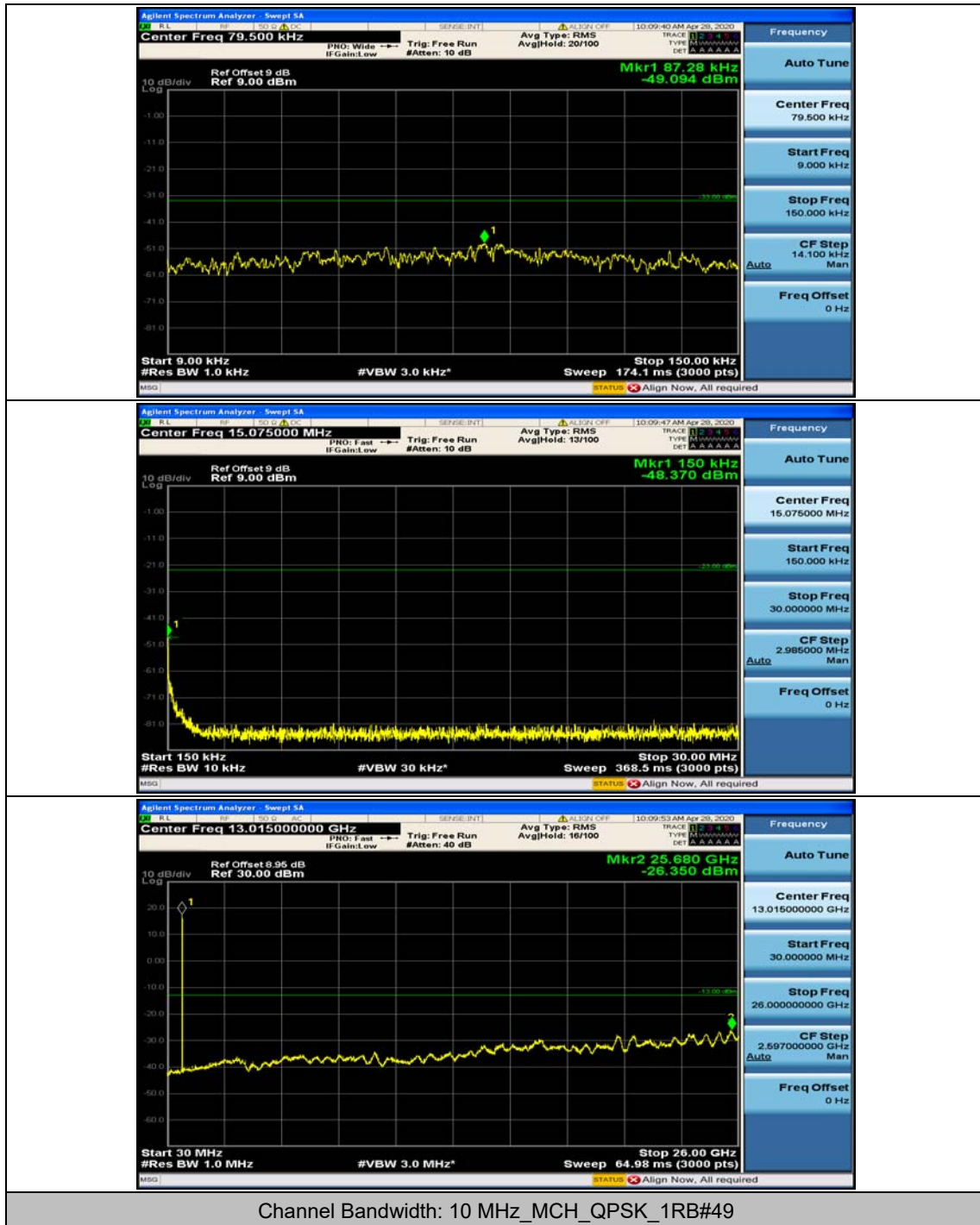


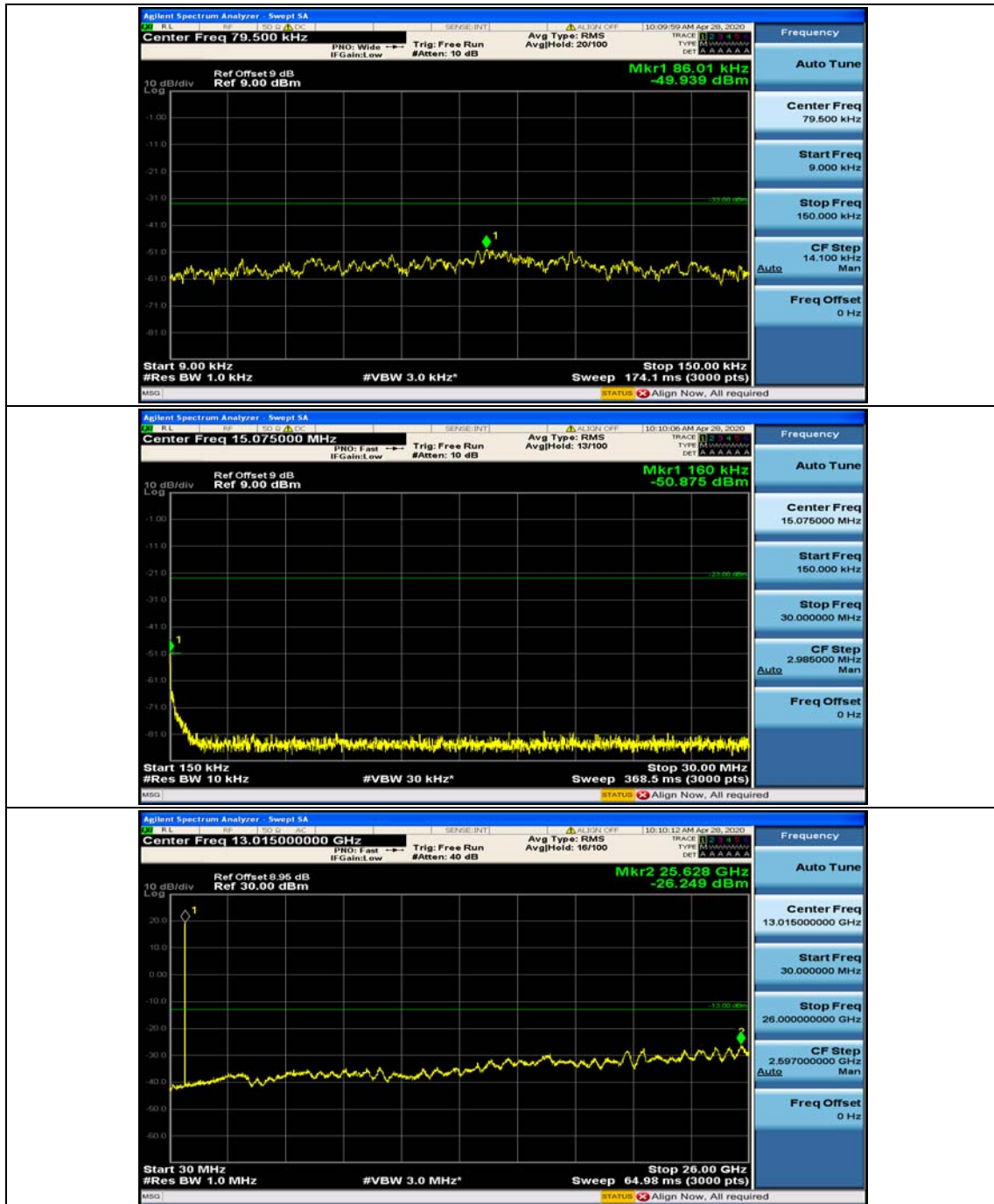


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0



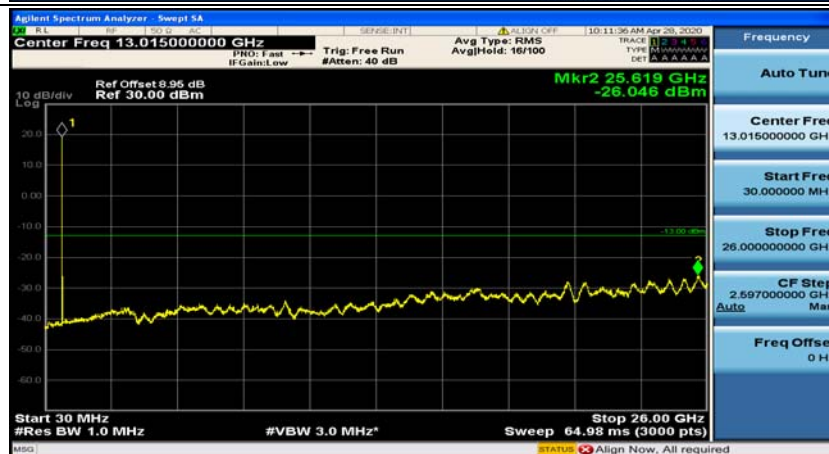
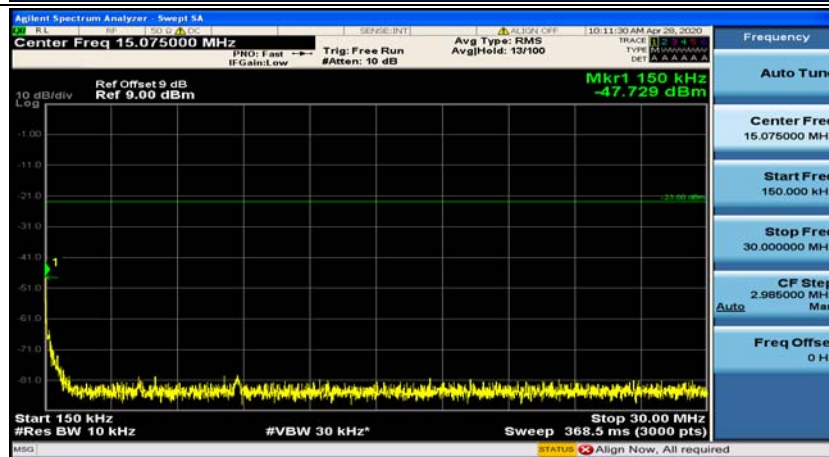
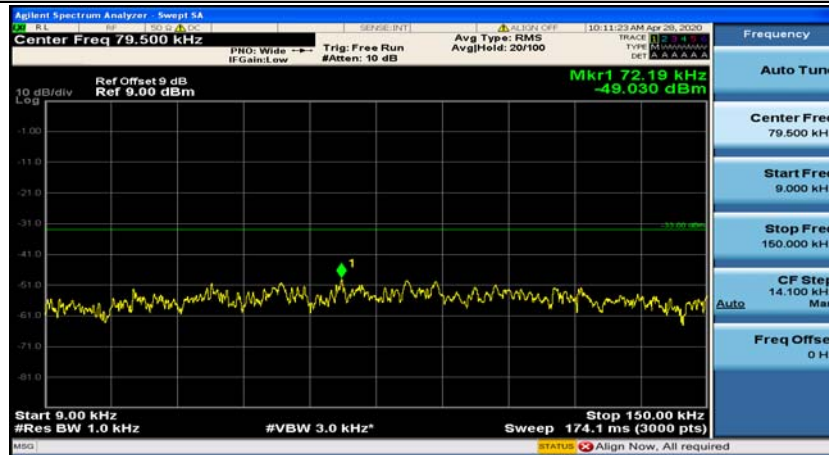
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



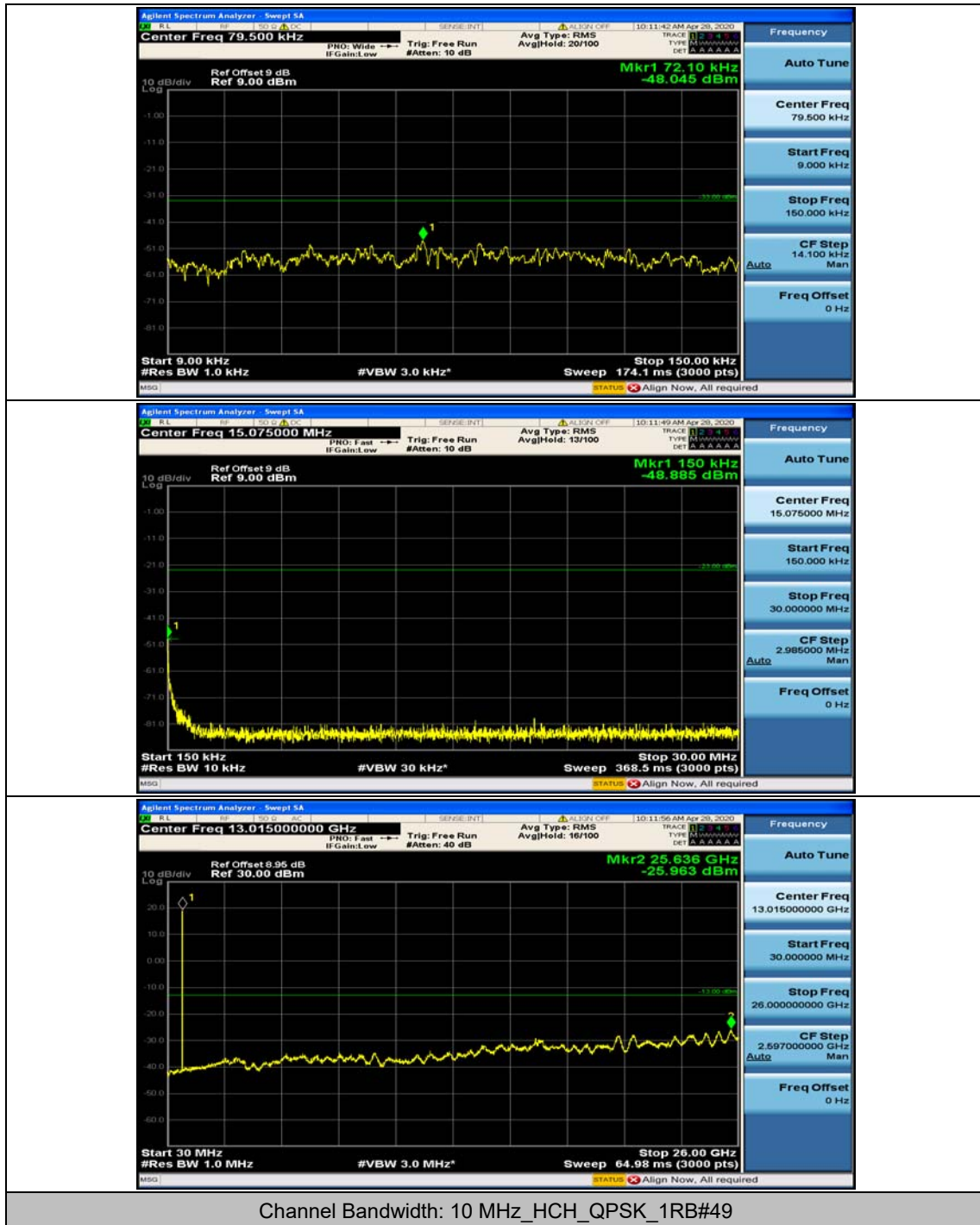


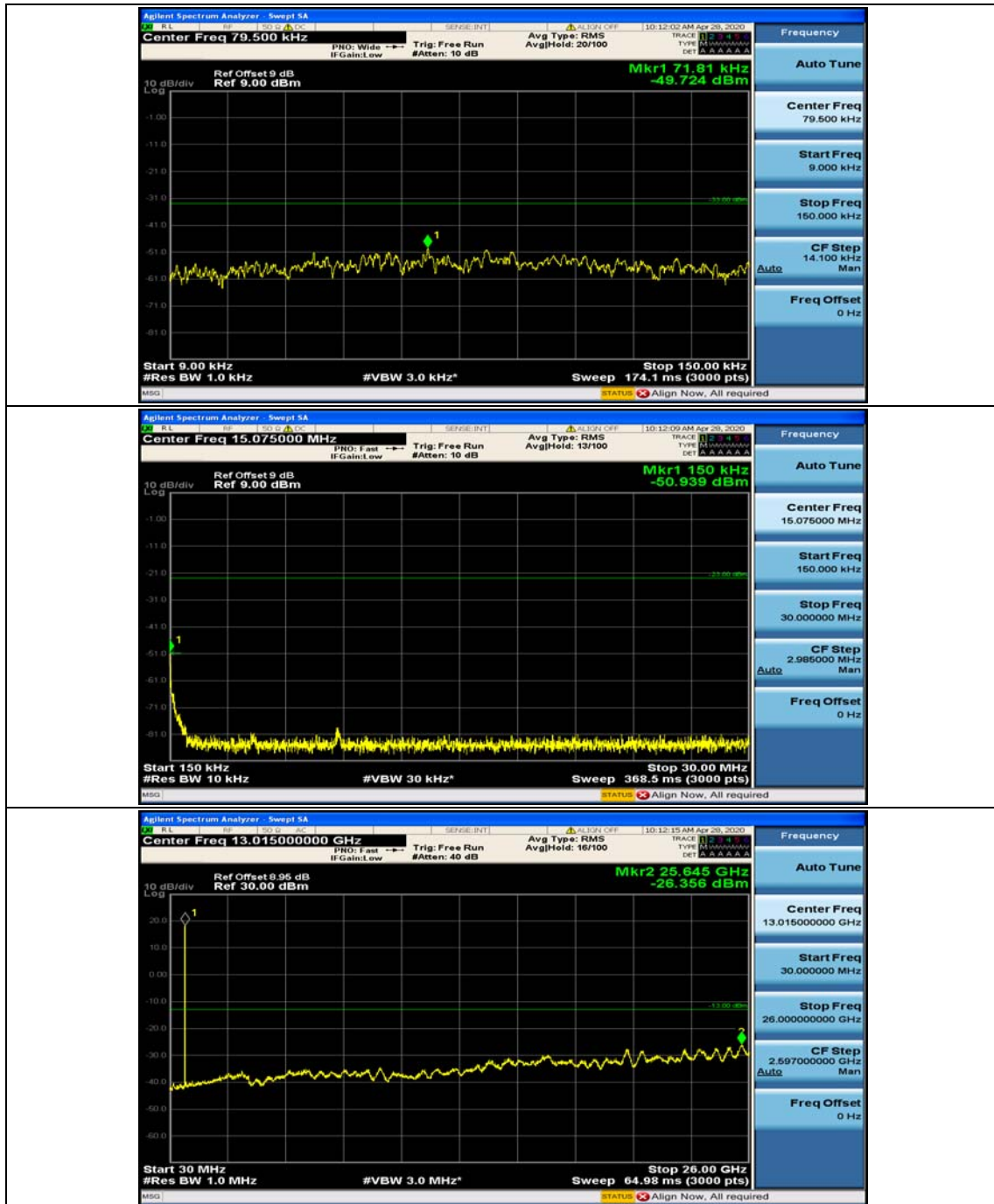


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

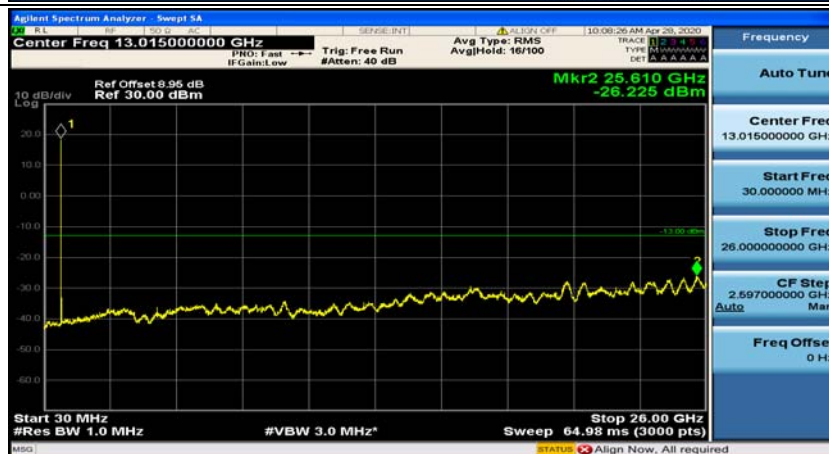
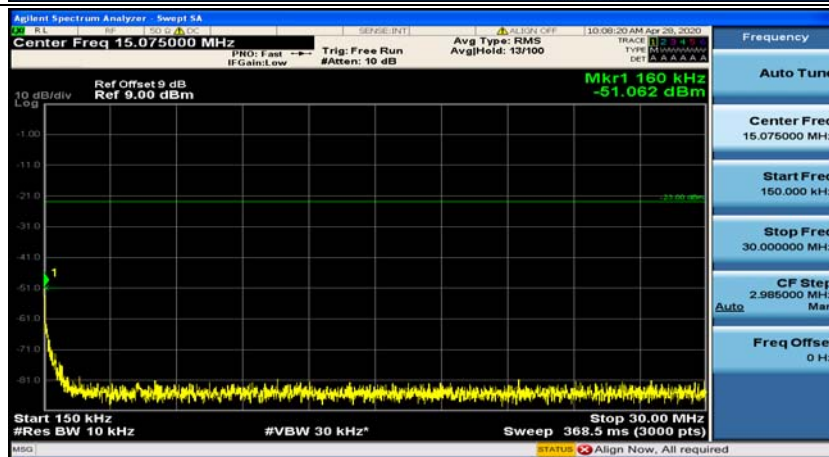
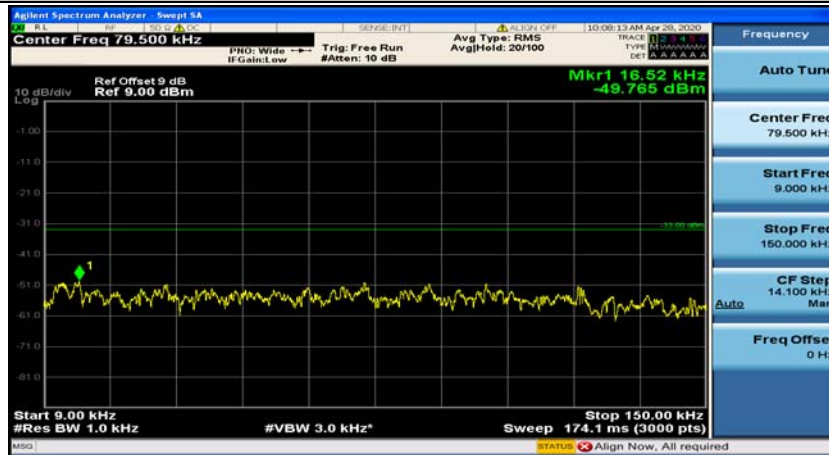


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

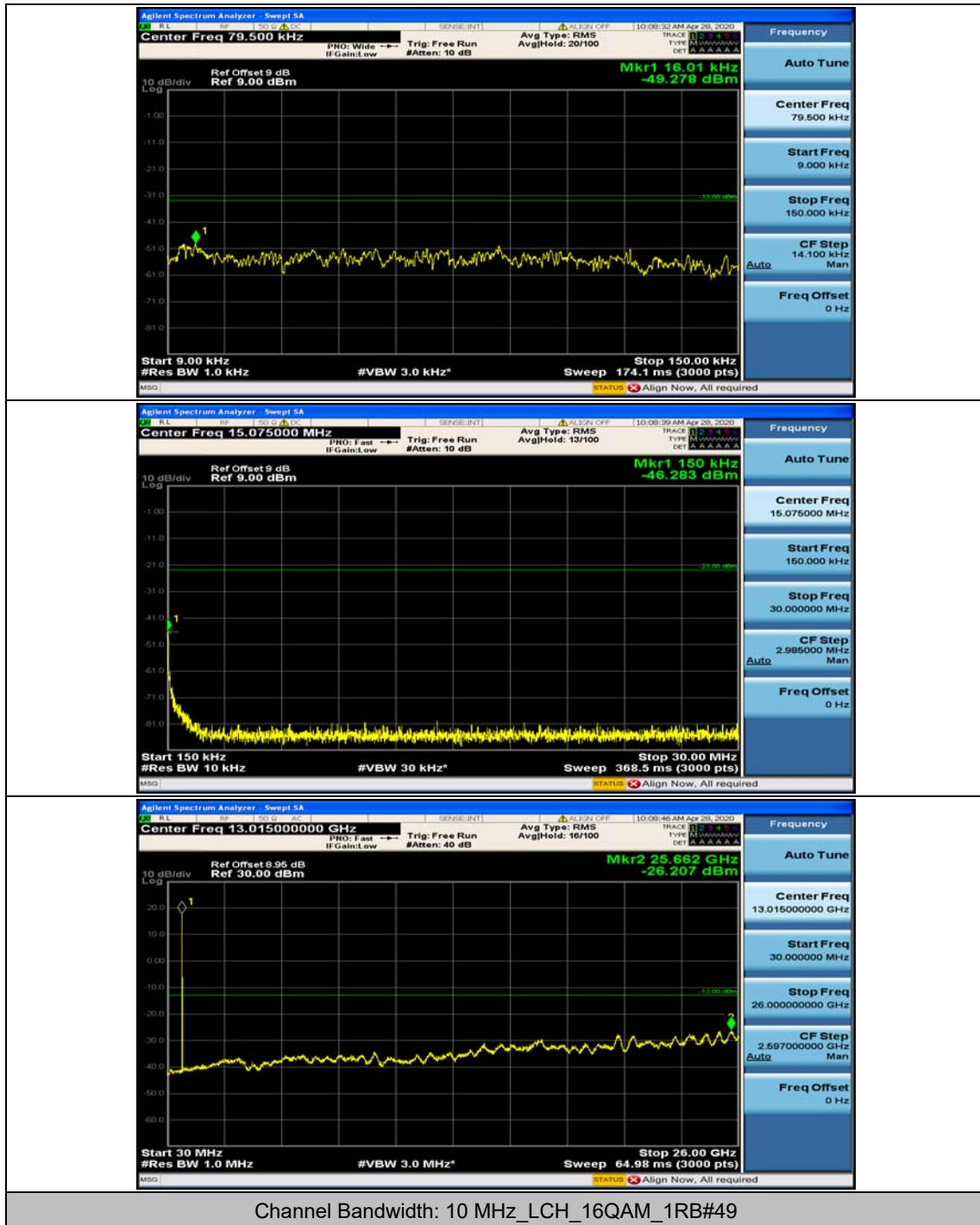


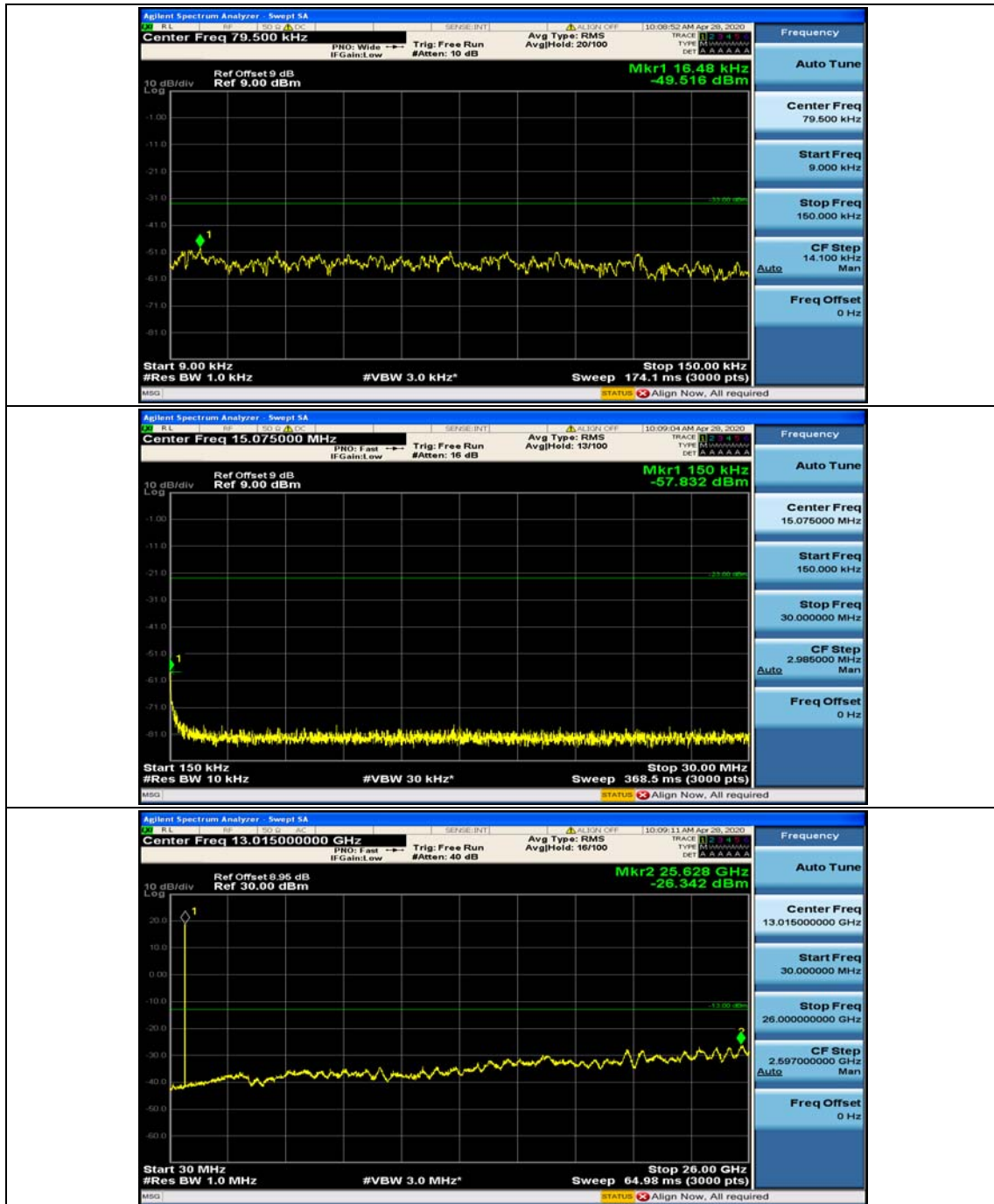


Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0

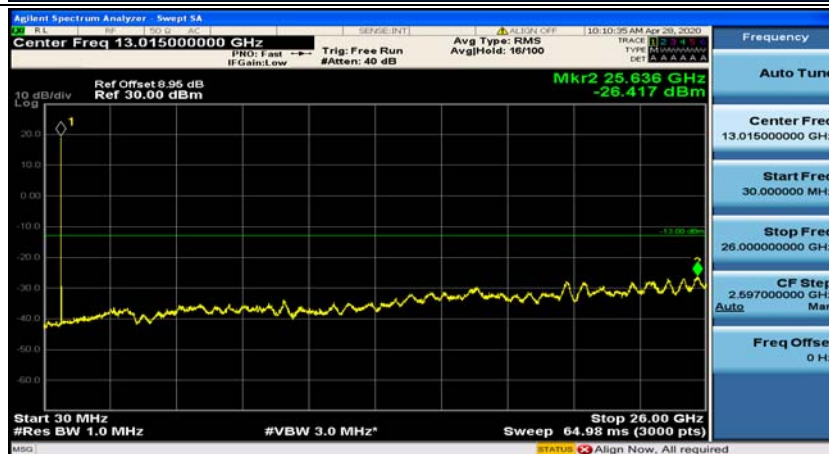
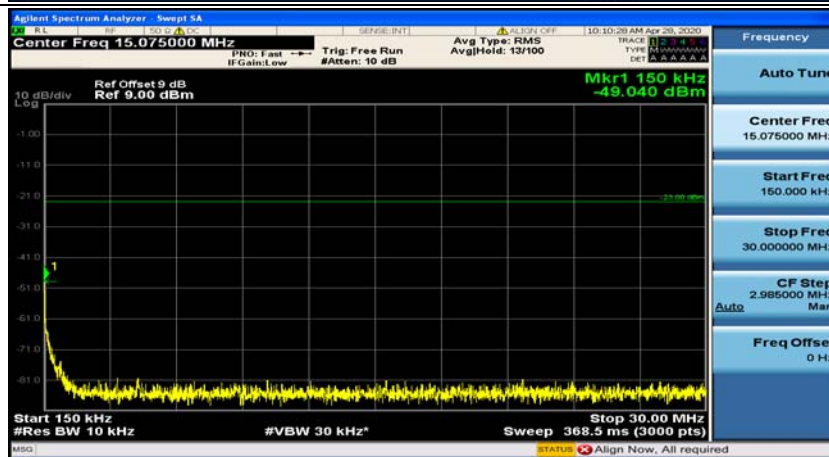
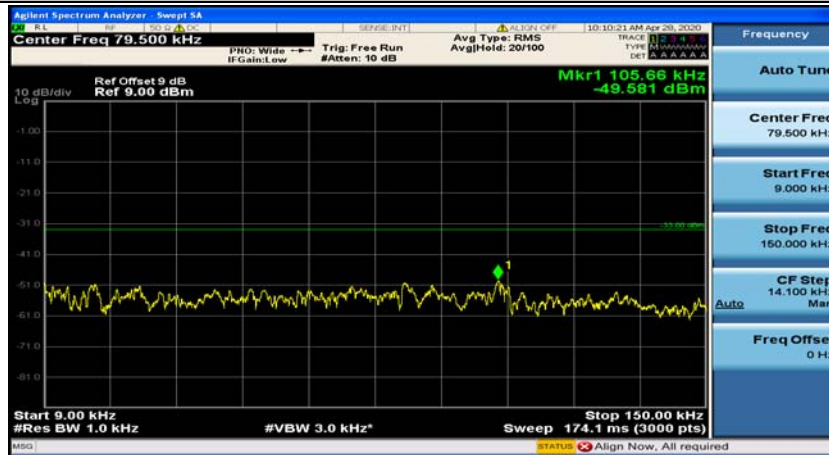


Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24

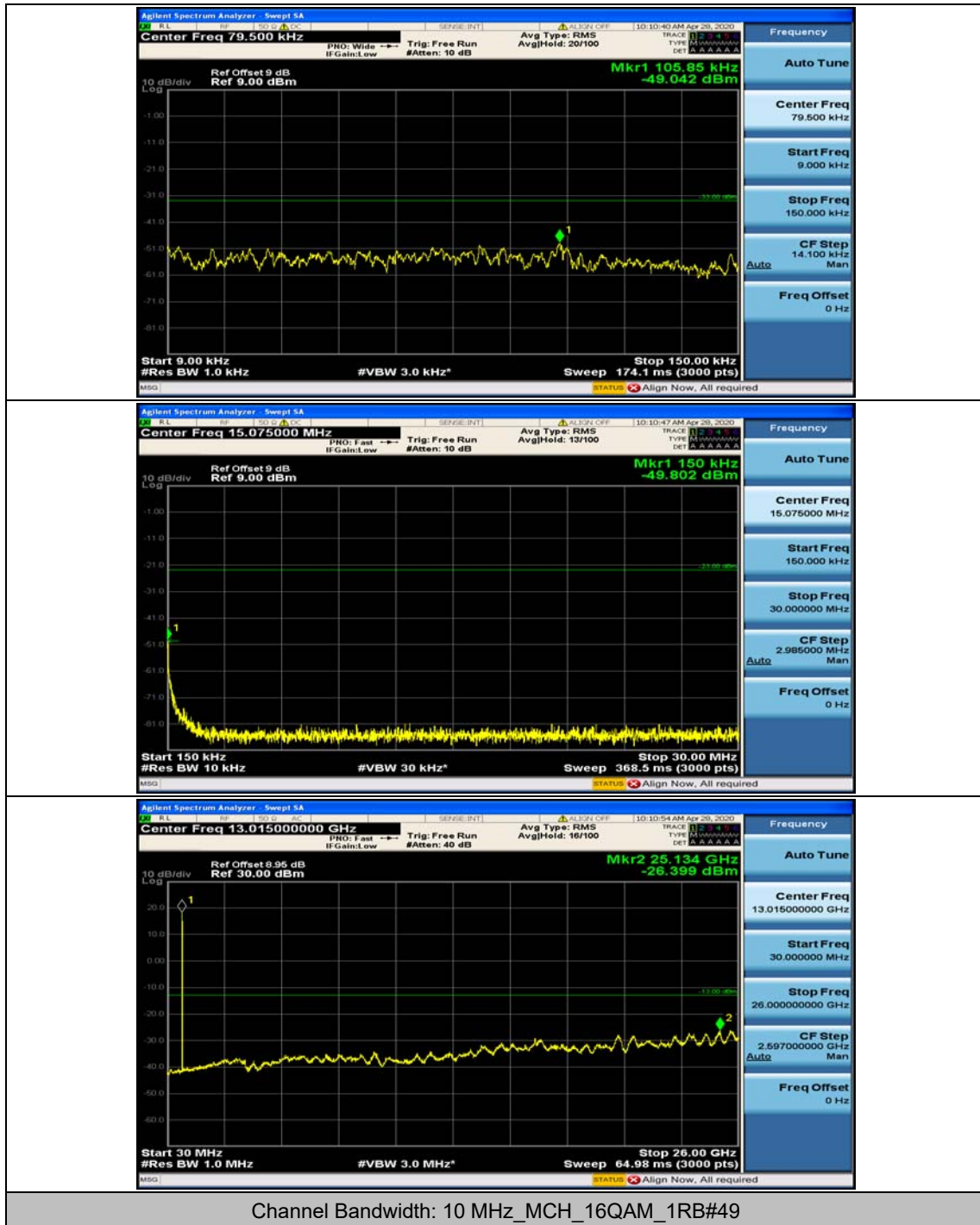


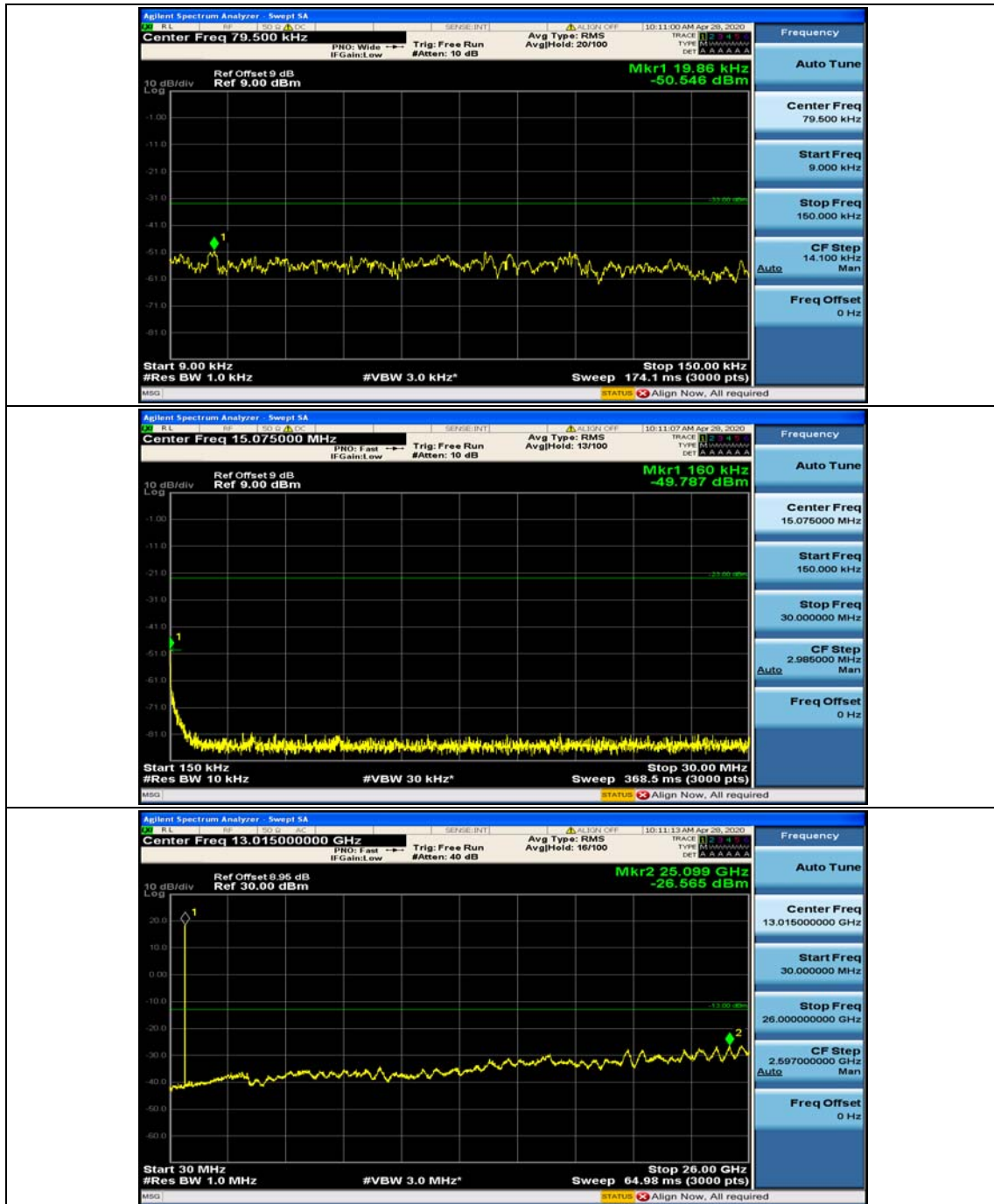


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

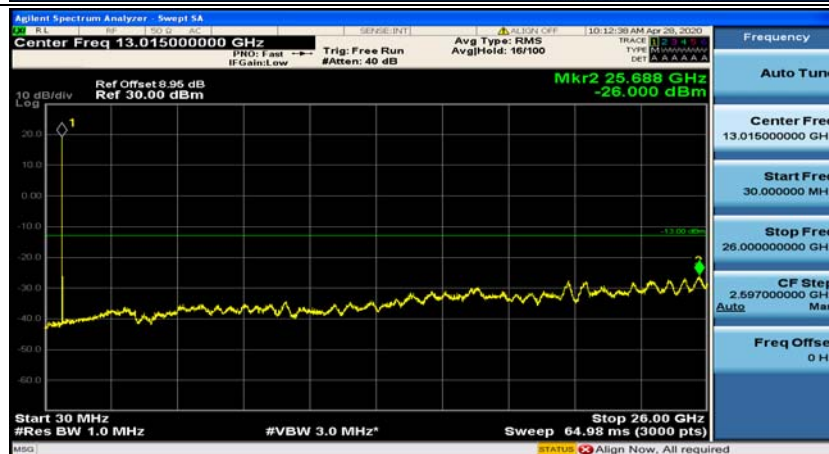
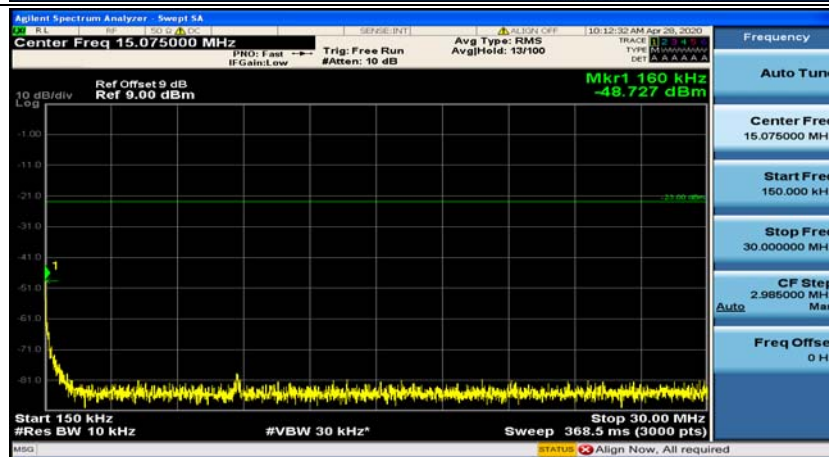


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

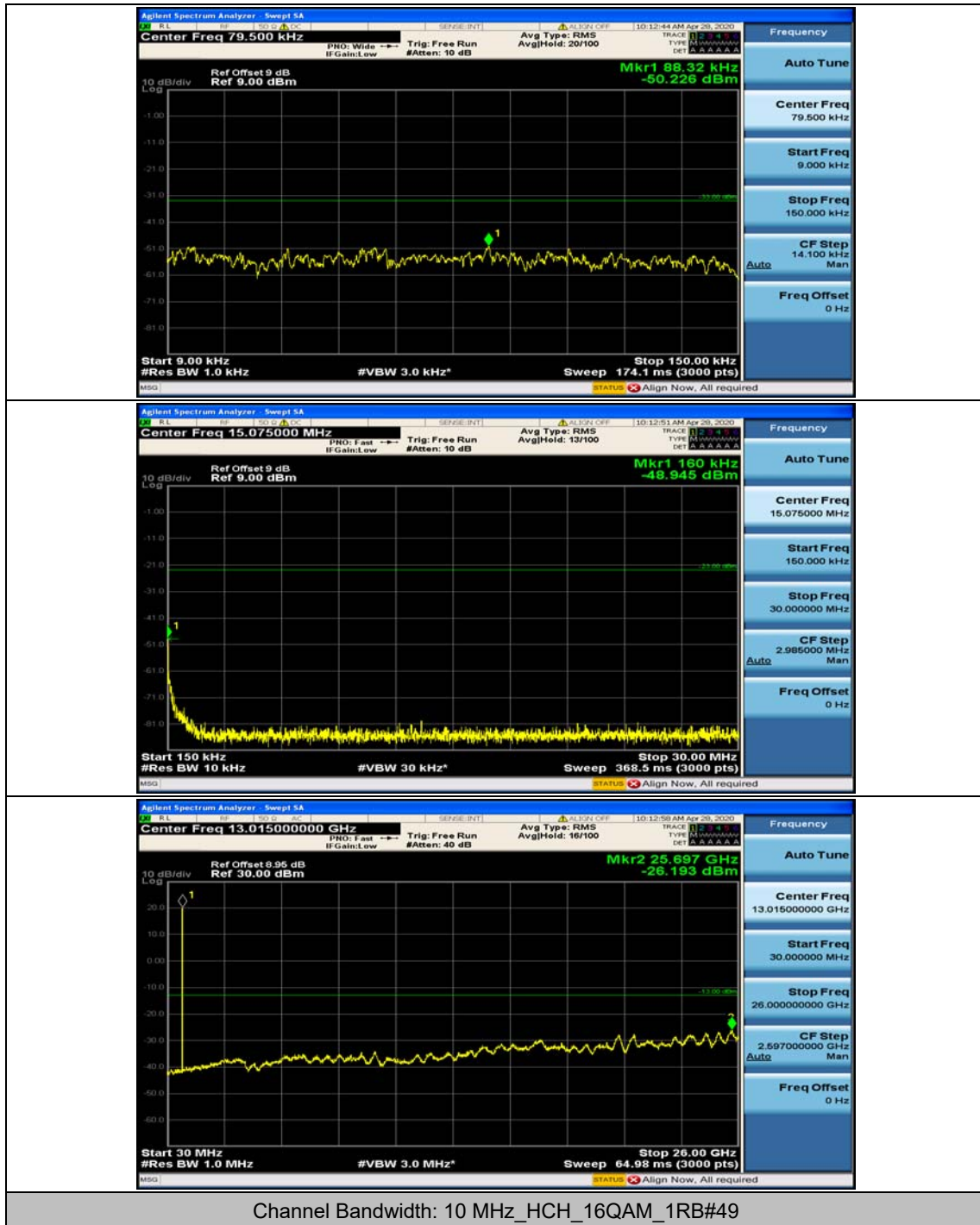


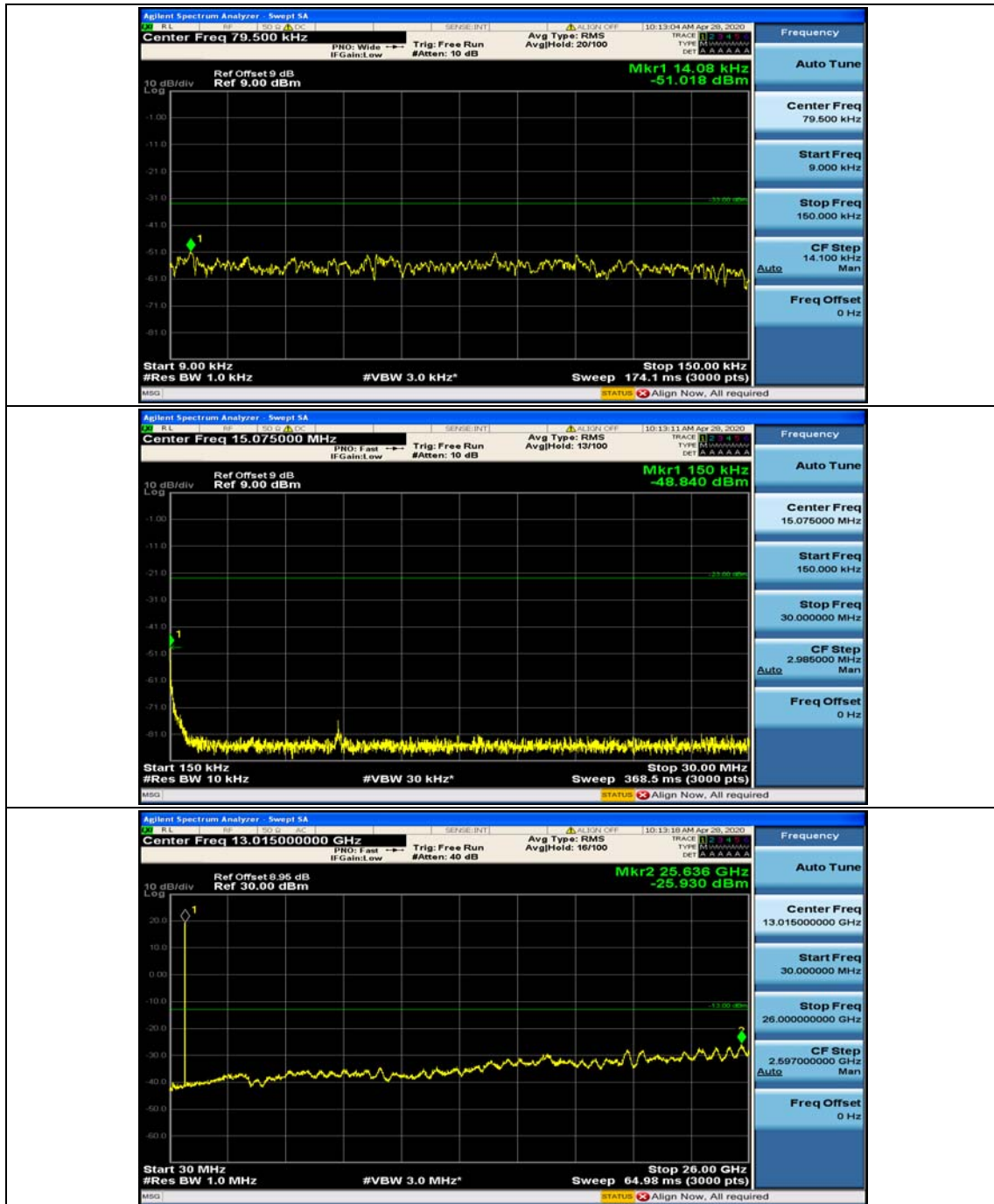


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24





Appendix F: Frequency Stability

Test Result

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	-0.42	-0.000594	± 2.5	PASS
		VN	TN	-1.92	-0.002718	± 2.5	PASS
		VH	TN	4.15	0.005874	± 2.5	PASS
	MCH	VL	TN	0.78	0.001099	± 2.5	PASS
		VN	TN	1.36	0.001915	± 2.5	PASS
		VH	TN	1.02	0.001437	± 2.5	PASS
	HCH	VL	TN	-1.85	-0.002593	± 2.5	PASS
		VN	TN	2.3	0.003224	± 2.5	PASS
		VH	TN	-0.41	-0.000575	± 2.5	PASS
16QAM	LCH	VL	TN	-0.25	-0.000354	± 2.5	PASS
		VN	TN	2.43	0.003439	± 2.5	PASS
		VH	TN	2.84	0.004020	± 2.5	PASS
	MCH	VL	TN	4.92	0.006930	± 2.5	PASS
		VN	TN	2.42	0.003408	± 2.5	PASS
		VH	TN	2.82	0.003972	± 2.5	PASS
	HCH	VL	TN	2.91	0.004078	± 2.5	PASS
		VN	TN	-0.55	-0.000771	± 2.5	PASS
		VH	TN	2.66	0.003728	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	4.74	0.006709	± 2.5	PASS
		VN	-20	4.8	0.006794	± 2.5	PASS
		VN	-10	1.57	0.002222	± 2.5	PASS
		VN	0	-0.05	-0.000071	± 2.5	PASS
		VN	10	2.93	0.004147	± 2.5	PASS
		VN	20	-1.99	-0.002817	± 2.5	PASS
		VN	30	1.96	0.002774	± 2.5	PASS
		VN	40	1.48	0.002095	± 2.5	PASS
		VN	50	1.65	0.002335	± 2.5	PASS
	MCH	VN	-30	-0.27	-0.000380	± 2.5	PASS



		VN	-20	1.01	0.001423	± 2.5	PASS
		VN	-10	4.06	0.005718	± 2.5	PASS
		VN	0	-0.31	-0.000437	± 2.5	PASS
		VN	10	2.02	0.002845	± 2.5	PASS
		VN	20	-0.57	-0.000803	± 2.5	PASS
		VN	30	-1.86	-0.002620	± 2.5	PASS
		VN	40	2.15	0.003028	± 2.5	PASS
		VN	50	-1	-0.001408	± 2.5	PASS
	HCH	VN	-30	0.93	0.001303	± 2.5	PASS
		VN	-20	1.32	0.001850	± 2.5	PASS
		VN	-10	2.78	0.003896	± 2.5	PASS
		VN	0	0.53	0.000743	± 2.5	PASS
		VN	10	-1.25	-0.001752	± 2.5	PASS
		VN	20	0.59	0.000827	± 2.5	PASS
		VN	30	2.07	0.002901	± 2.5	PASS
		VN	40	1.82	0.002551	± 2.5	PASS
16QAM	LCH	VN	50	4.71	0.006601	± 2.5	PASS
		VN	-30	2.31	0.003270	± 2.5	PASS
		VN	-20	2.98	0.004218	± 2.5	PASS
		VN	-10	2.62	0.003708	± 2.5	PASS
		VN	0	2.69	0.003808	± 2.5	PASS
		VN	10	-1.58	-0.002236	± 2.5	PASS
		VN	20	4.36	0.006171	± 2.5	PASS
		VN	30	4.47	0.006327	± 2.5	PASS
		VN	40	3.83	0.005421	± 2.5	PASS
	MCH	VN	50	2.41	0.003411	± 2.5	PASS
		VN	-30	1.55	0.002172	± 2.5	PASS
		VN	-20	3.83	0.005368	± 2.5	PASS
		VN	-10	-0.62	-0.000869	± 2.5	PASS
		VN	0	1.86	0.002607	± 2.5	PASS
		VN	10	3.13	0.004387	± 2.5	PASS
		VN	20	4.01	0.005620	± 2.5	PASS
		VN	30	0.72	0.001009	± 2.5	PASS
		VN	40	-1.39	-0.001948	± 2.5	PASS
	HCH	VN	50	1.73	0.002425	± 2.5	PASS
		VN	-30	1.57	0.002200	± 2.5	PASS
		VN	-20	0.82	0.001149	± 2.5	PASS
		VN	-10	4.01	0.005620	± 2.5	PASS
		VN	0	2.37	0.003322	± 2.5	PASS
		VN	10	0.18	0.000252	± 2.5	PASS
		VN	20	2.61	0.003658	± 2.5	PASS



		VN	30	4.25	0.005957	± 2.5	PASS
		VN	40	-0.47	-0.000659	± 2.5	PASS
		VN	50	-1.82	-0.002551	± 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	-1.44	-0.002031	± 2.5	PASS
		VN	TN	0.49	0.000691	± 2.5	PASS
		VH	TN	0.32	0.000451	± 2.5	PASS
	MCH	VL	TN	-1.18	-0.001662	± 2.5	PASS
		VN	TN	2.34	0.003296	± 2.5	PASS
		VH	TN	-1.31	-0.001845	± 2.5	PASS
	HCH	VL	TN	-0.76	-0.001069	± 2.5	PASS
		VN	TN	-1.46	-0.002053	± 2.5	PASS
		VH	TN	1.23	0.001730	± 2.5	PASS
16QAM	LCH	VL	TN	4.22	0.005952	± 2.5	PASS
		VN	TN	-0.05	-0.000071	± 2.5	PASS
		VH	TN	1.94	0.002736	± 2.5	PASS
	MCH	VL	TN	2.8	0.003944	± 2.5	PASS
		VN	TN	4.7	0.006620	± 2.5	PASS
		VH	TN	0.75	0.001056	± 2.5	PASS
	HCH	VL	TN	-1.91	-0.002686	± 2.5	PASS
		VN	TN	1.36	0.001913	± 2.5	PASS
		VH	TN	-0.99	-0.001392	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	4.13	0.005825	± 2.5	PASS
		VN	-20	-1.3	-0.001834	± 2.5	PASS
		VN	-10	4.41	0.006220	± 2.5	PASS
		VN	0	0.62	0.000874	± 2.5	PASS
		VN	10	-1.61	-0.002271	± 2.5	PASS
		VN	20	4.53	0.006389	± 2.5	PASS
		VN	30	3.23	0.004556	± 2.5	PASS
		VN	40	-1.31	-0.001848	± 2.5	PASS
		VN	50	2.76	0.003893	± 2.5	PASS
	MCH	VN	-30	-1.51	-0.002127	± 2.5	PASS
		VN	-20	1.15	0.001620	± 2.5	PASS



		VN	-10	-0.42	-0.000592	± 2.5	PASS
		VN	0	0.9	0.001268	± 2.5	PASS
		VN	10	4.23	0.005958	± 2.5	PASS
		VN	20	-1.35	-0.001901	± 2.5	PASS
		VN	30	-0.87	-0.001225	± 2.5	PASS
		VN	40	-0.18	-0.000254	± 2.5	PASS
		VN	50	3.71	0.005225	± 2.5	PASS
	HCH	VN	-30	0.52	0.000731	± 2.5	PASS
		VN	-20	3.61	0.005077	± 2.5	PASS
		VN	-10	3.61	0.005077	± 2.5	PASS
		VN	0	-0.52	-0.000731	± 2.5	PASS
		VN	10	0.85	0.001195	± 2.5	PASS
		VN	20	0.69	0.000970	± 2.5	PASS
		VN	30	0.89	0.001252	± 2.5	PASS
		VN	40	2.17	0.003052	± 2.5	PASS
		VN	50	0.85	0.001195	± 2.5	PASS
16QAM	LCH	VN	-30	3.03	0.004268	± 2.5	PASS
		VN	-20	4.19	0.005901	± 2.5	PASS
		VN	-10	0.65	0.000915	± 2.5	PASS
		VN	0	1.96	0.002761	± 2.5	PASS
		VN	10	-1.49	-0.002099	± 2.5	PASS
		VN	20	1.74	0.002451	± 2.5	PASS
		VN	30	1.5	0.002113	± 2.5	PASS
		VN	40	2.02	0.002845	± 2.5	PASS
		VN	50	4.07	0.005732	± 2.5	PASS
	MCH	VN	-30	-1.59	-0.002236	± 2.5	PASS
		VN	-20	4.04	0.005682	± 2.5	PASS
		VN	-10	4.54	0.006385	± 2.5	PASS
		VN	0	3.8	0.005345	± 2.5	PASS
		VN	10	0.44	0.000619	± 2.5	PASS
		VN	20	2.66	0.003741	± 2.5	PASS
		VN	30	-0.96	-0.001350	± 2.5	PASS
		VN	40	-0.15	-0.000211	± 2.5	PASS
		VN	50	-1.79	-0.002518	± 2.5	PASS
	HCH	VN	-30	-1.76	-0.002475	± 2.5	PASS
		VN	-20	-1.95	-0.002743	± 2.5	PASS
		VN	-10	4.06	0.005710	± 2.5	PASS
		VN	0	1.63	0.002293	± 2.5	PASS
		VN	10	2.27	0.003193	± 2.5	PASS
		VN	20	4.76	0.006695	± 2.5	PASS
		VN	30	2.34	0.003291	± 2.5	PASS



		VN	40	2.38	0.003347	± 2.5	PASS
		VN	50	2.93	0.004121	± 2.5	PASS