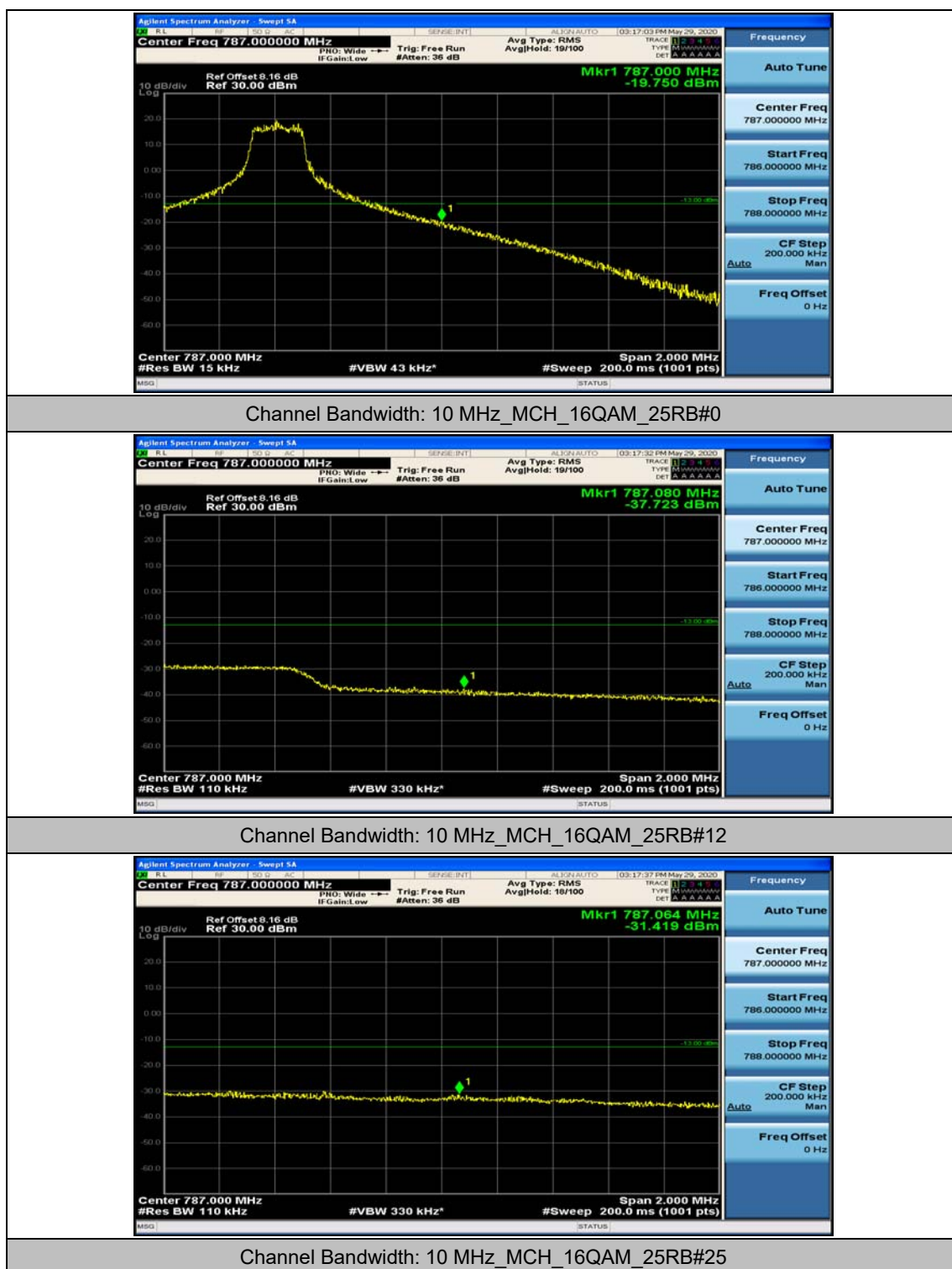
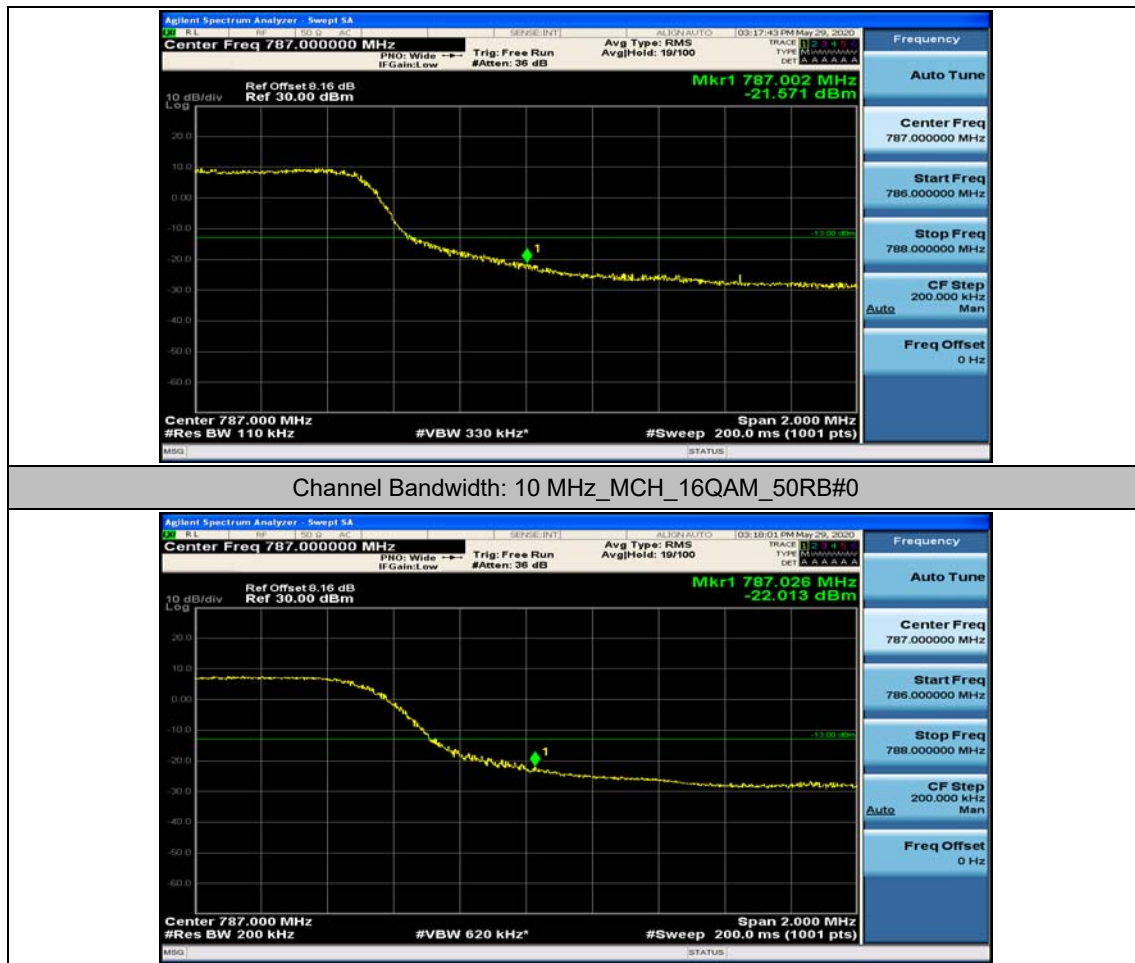


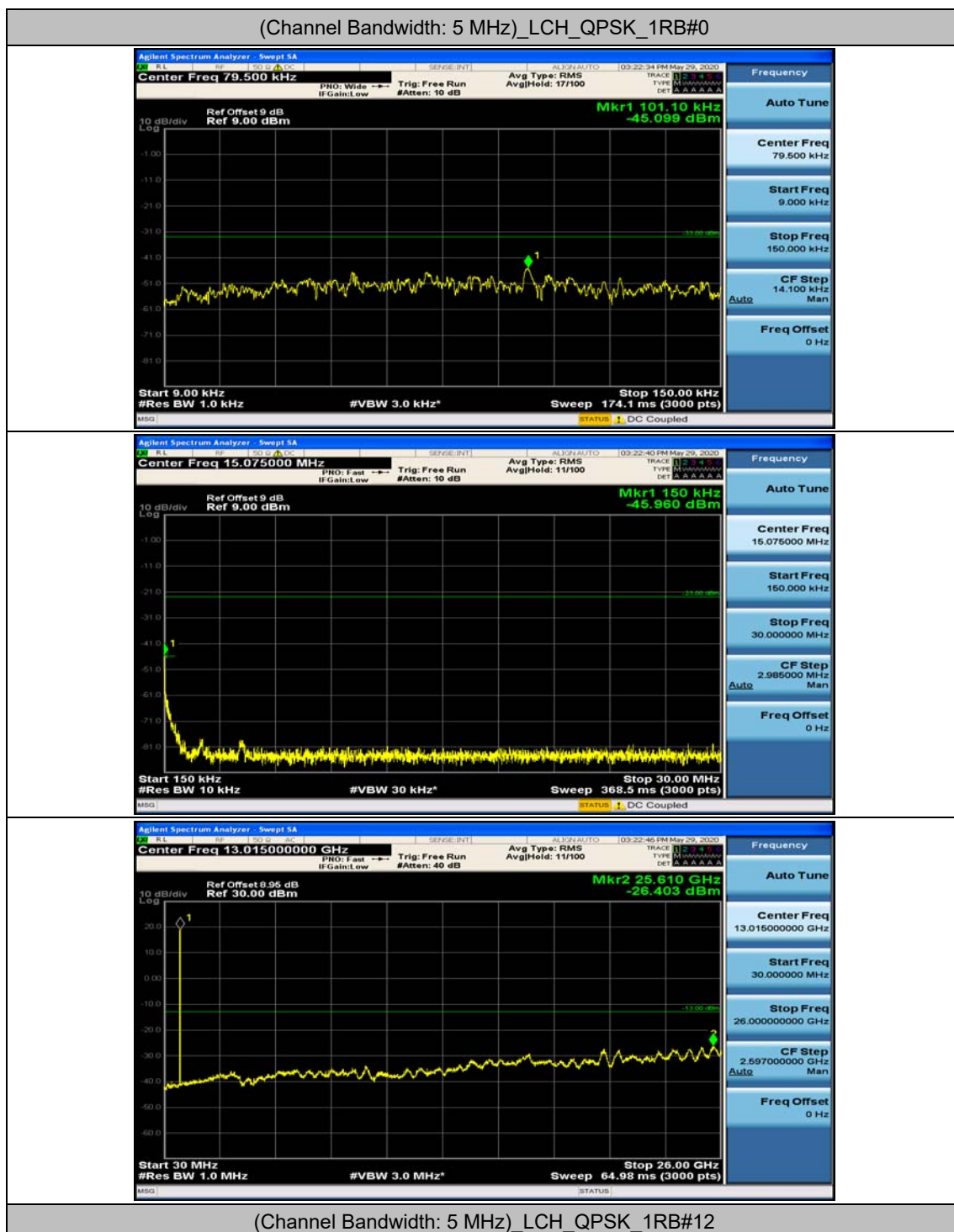


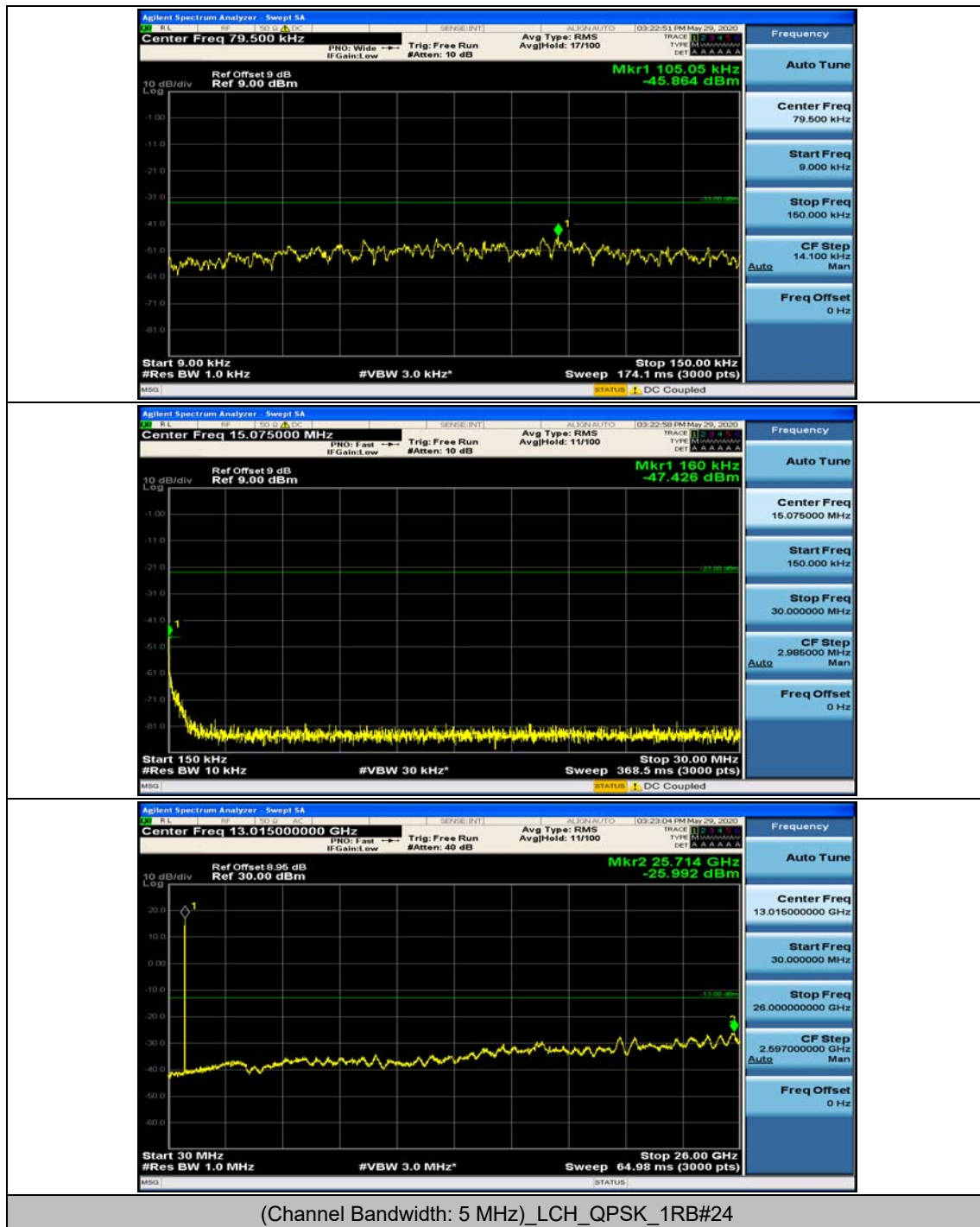


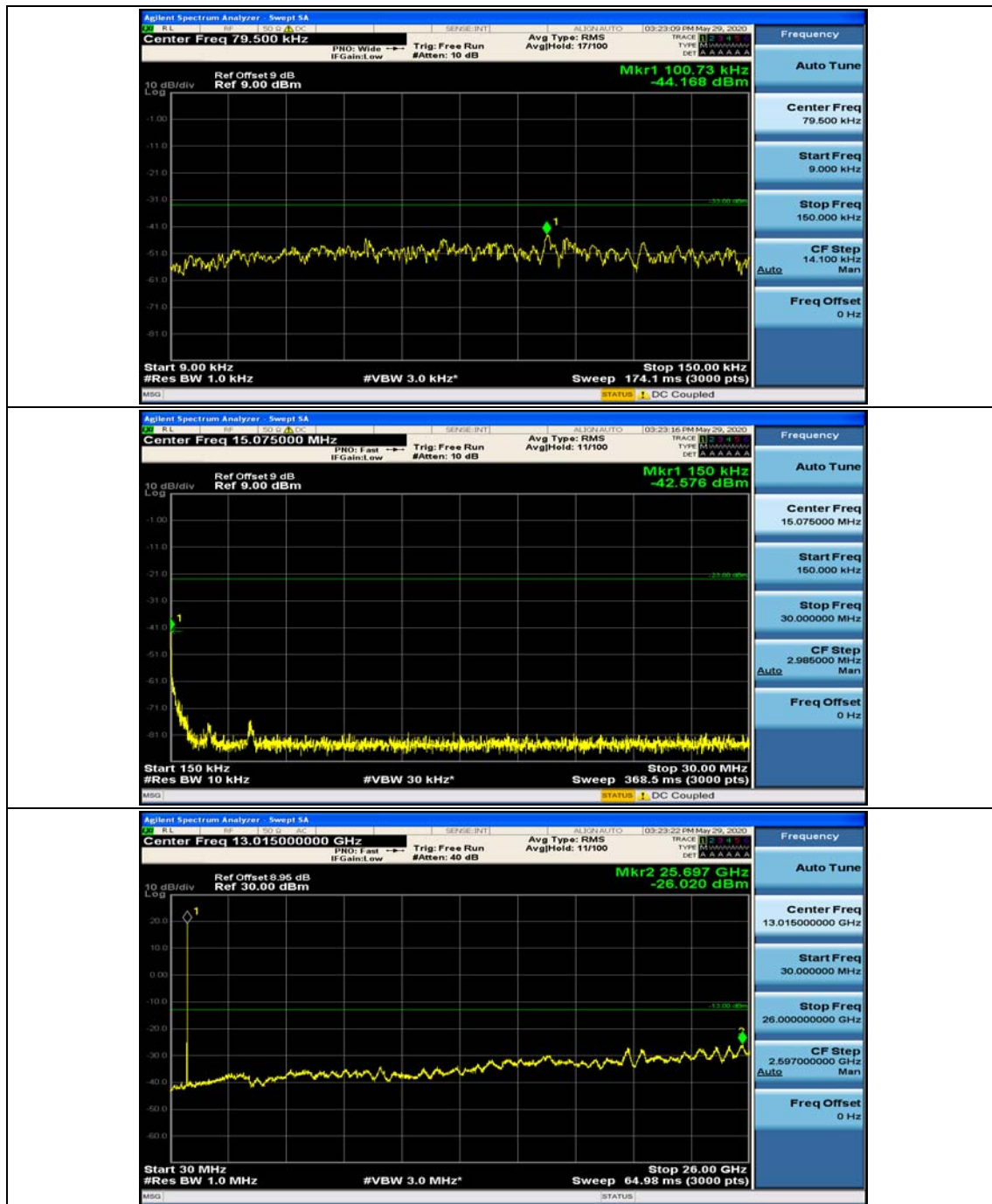
Appendix E: Conducted Spurious Emission

Test Graphs

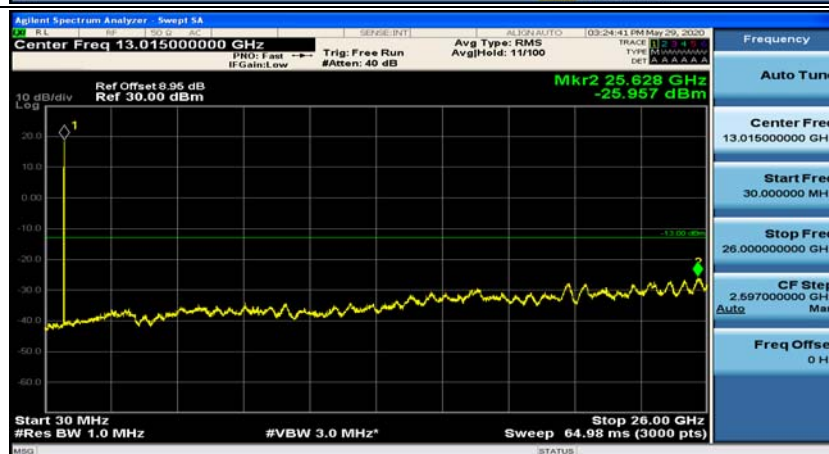
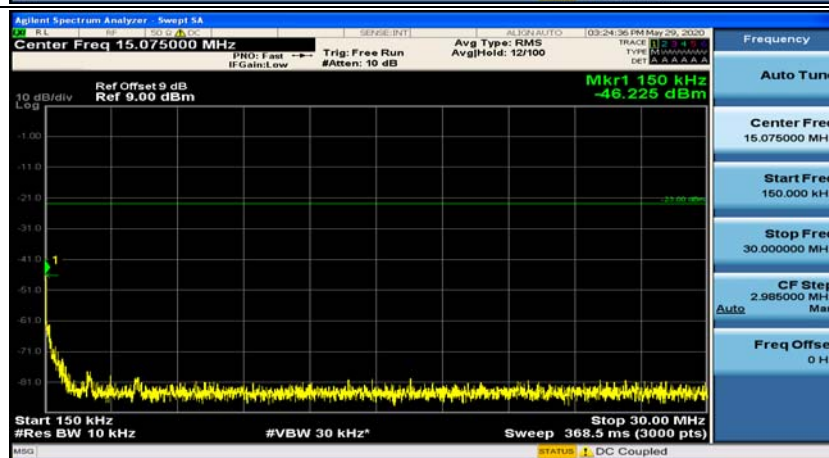
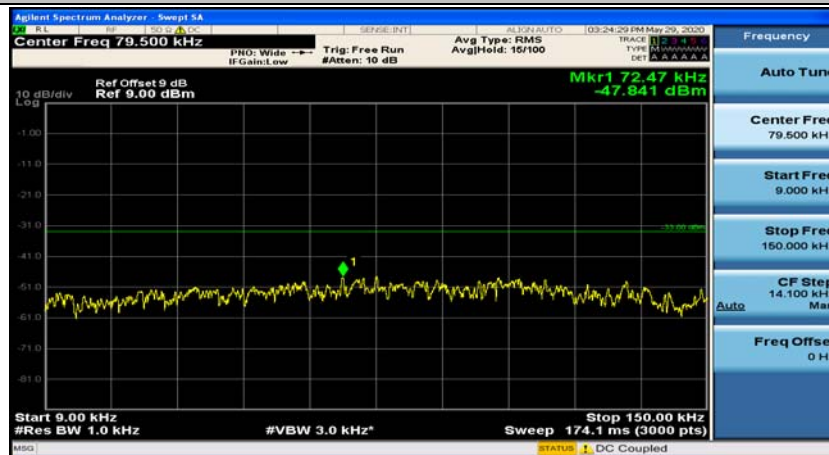
Channel Bandwidth: 5 MHz



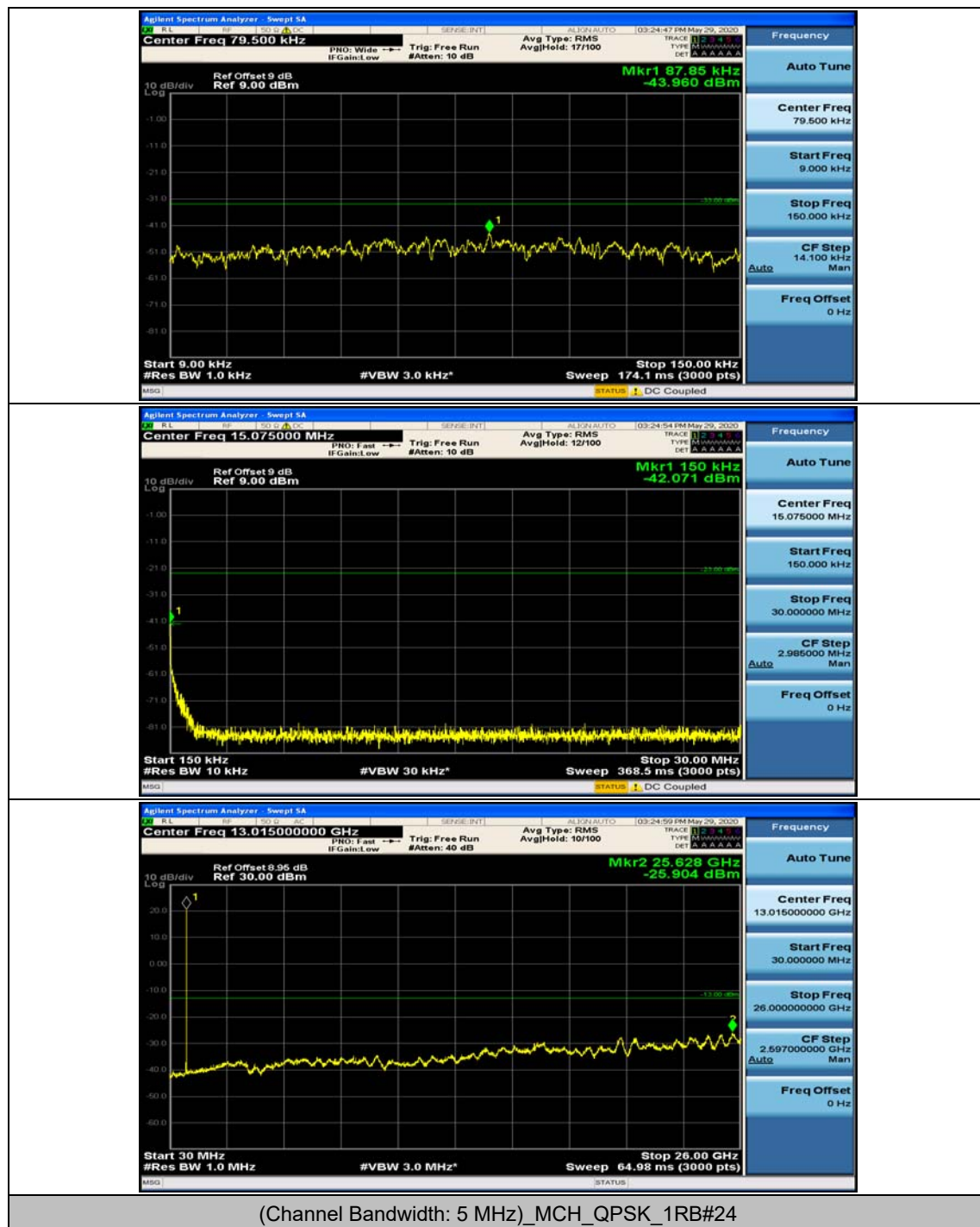


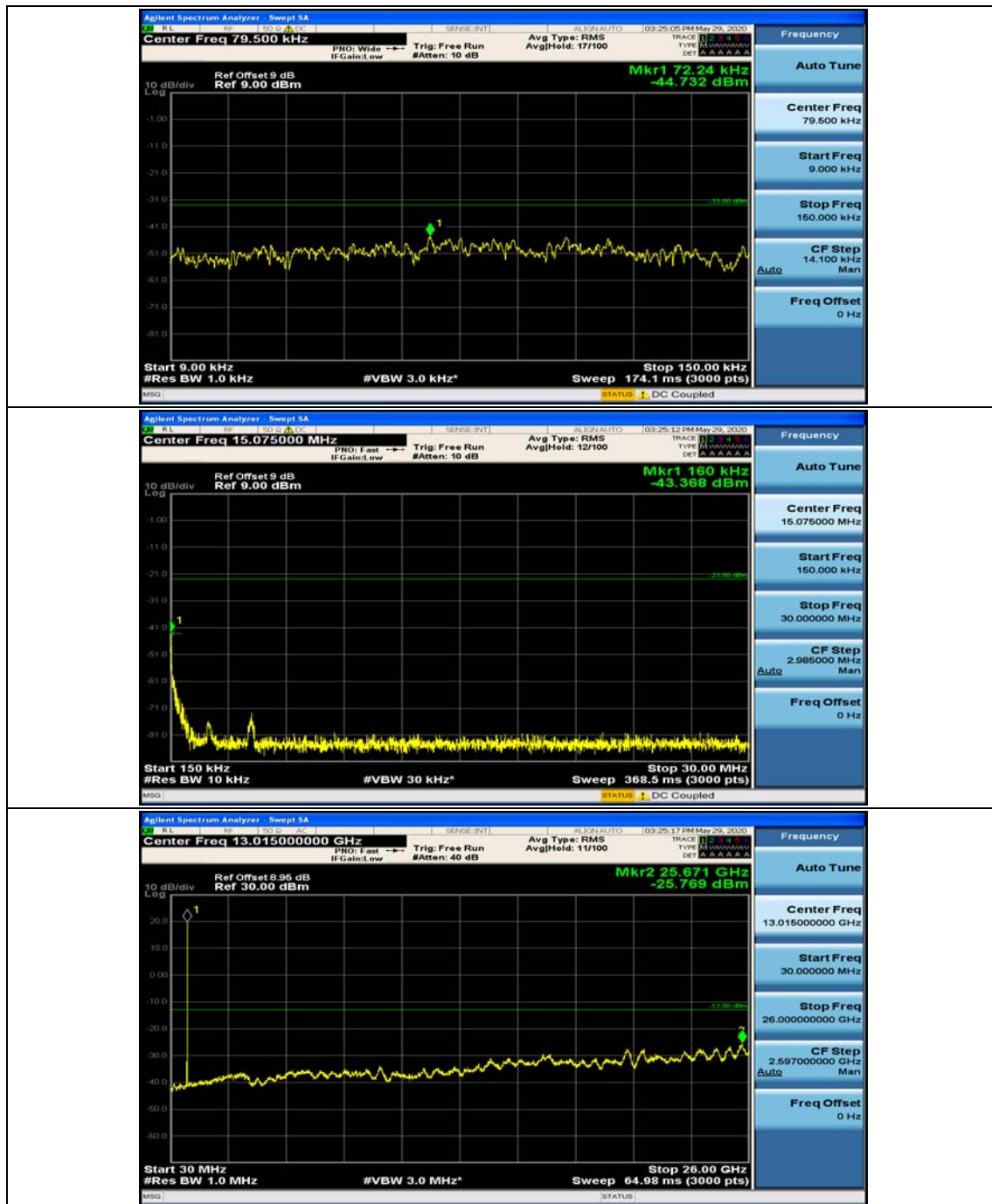


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

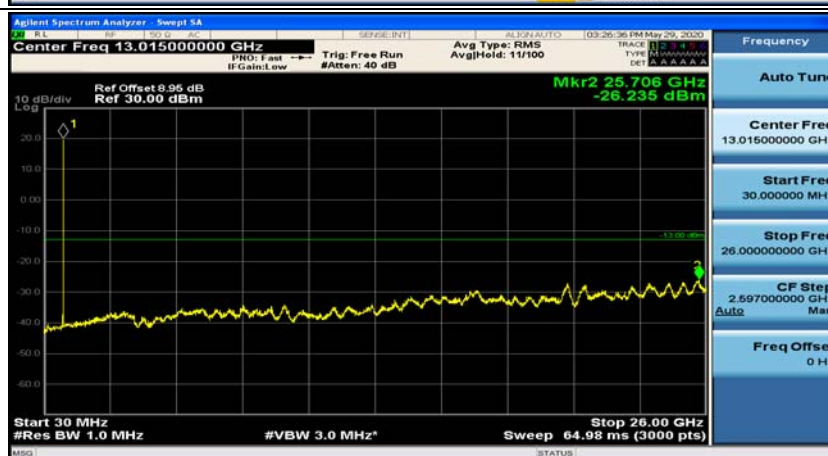
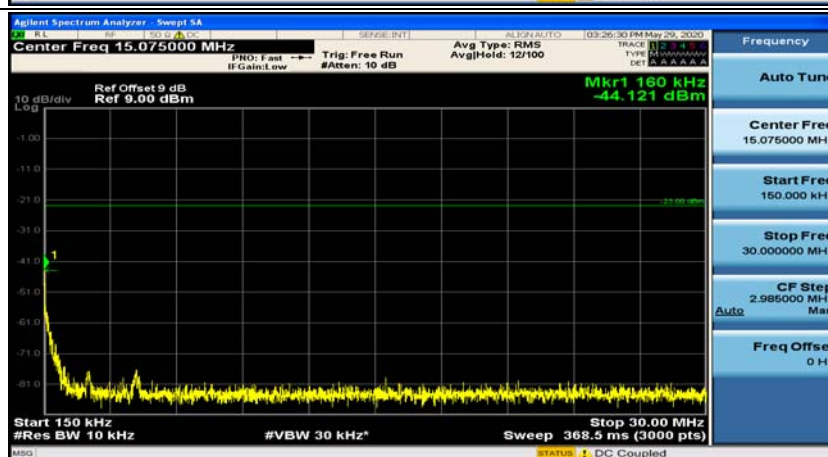
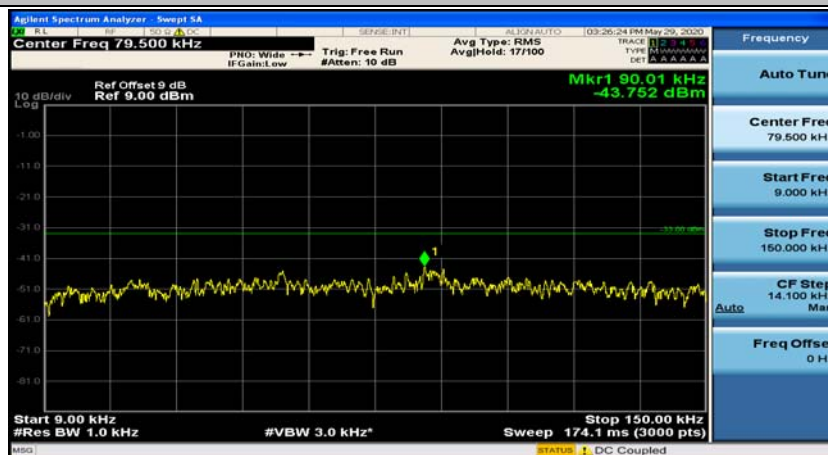


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

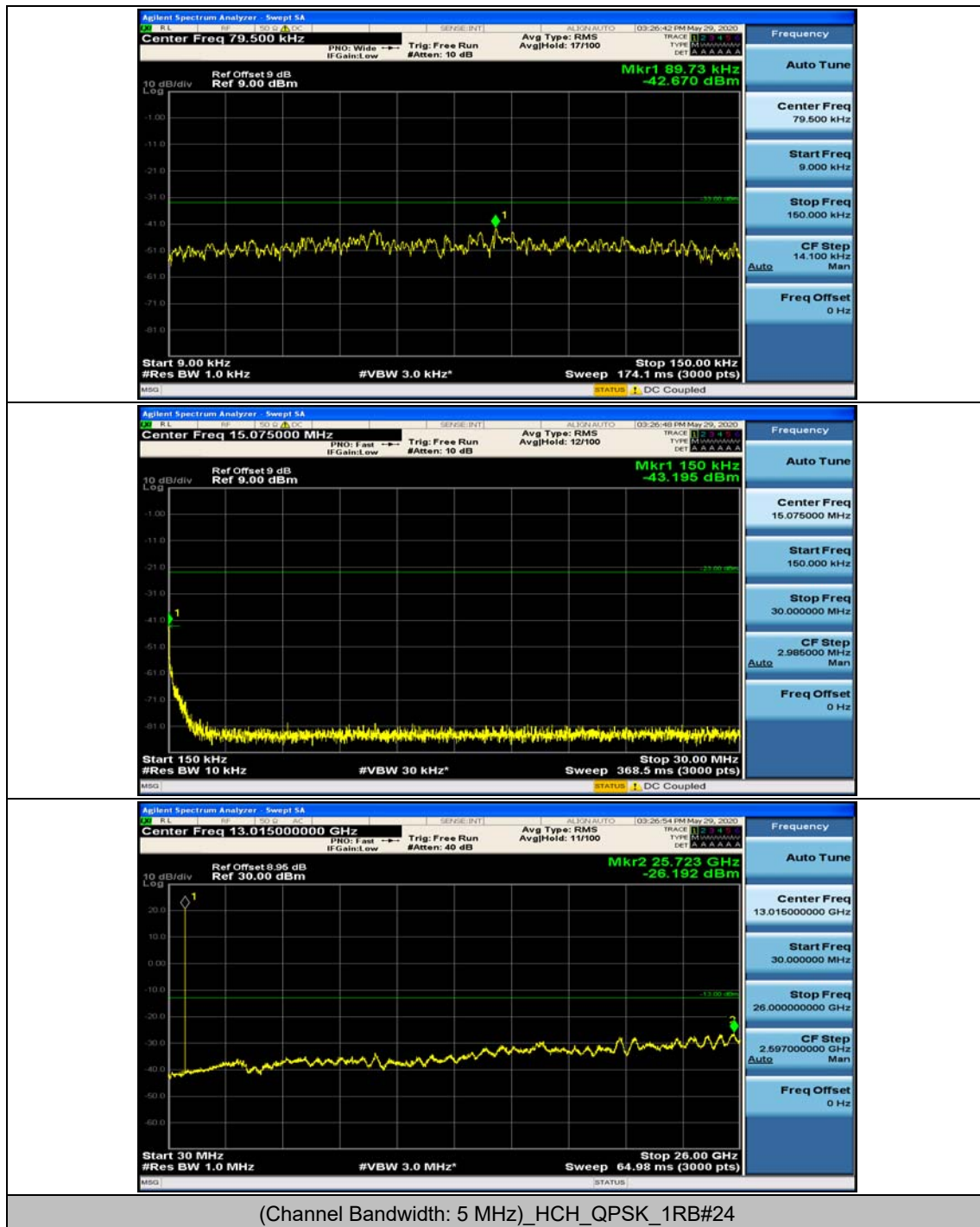


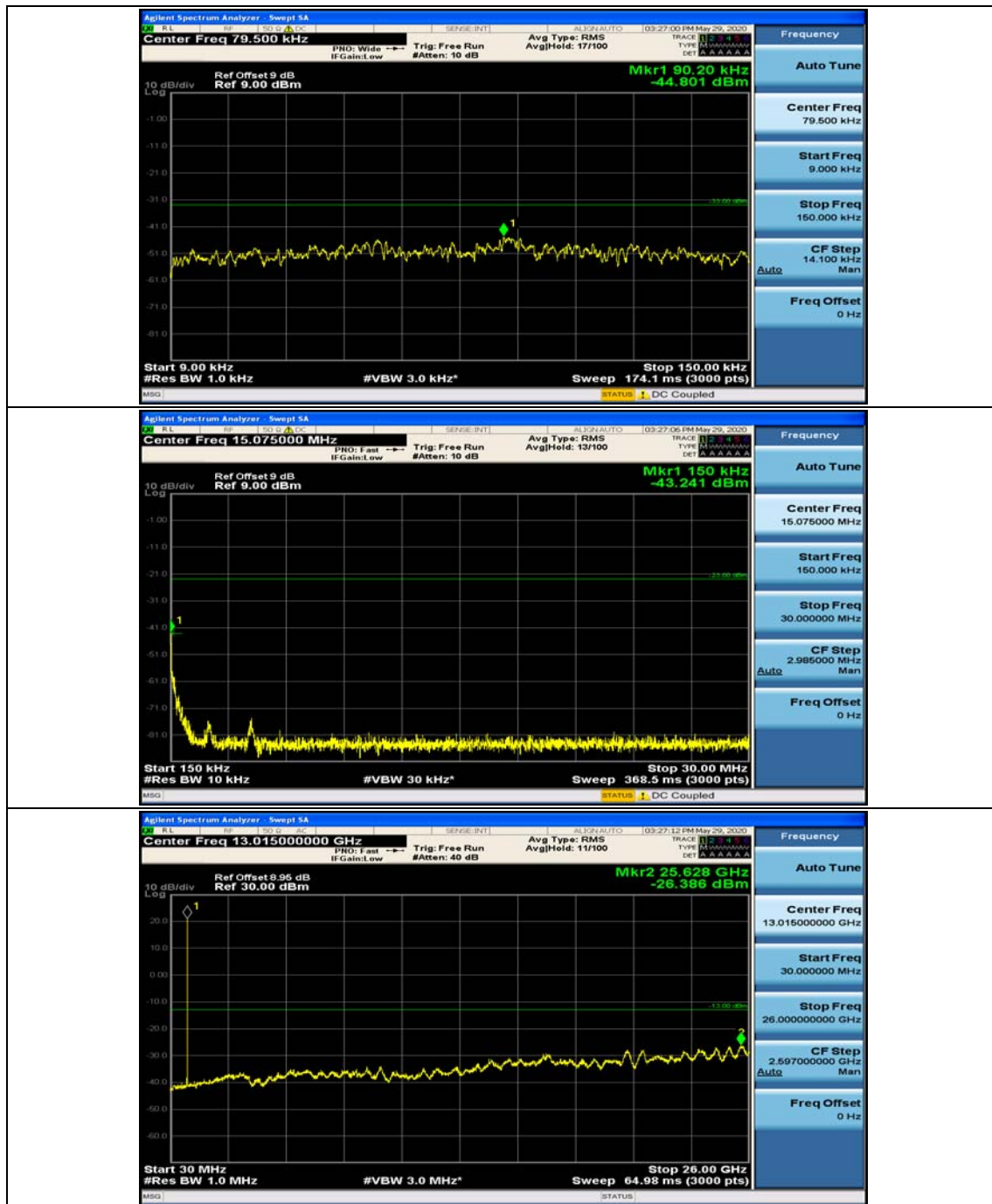


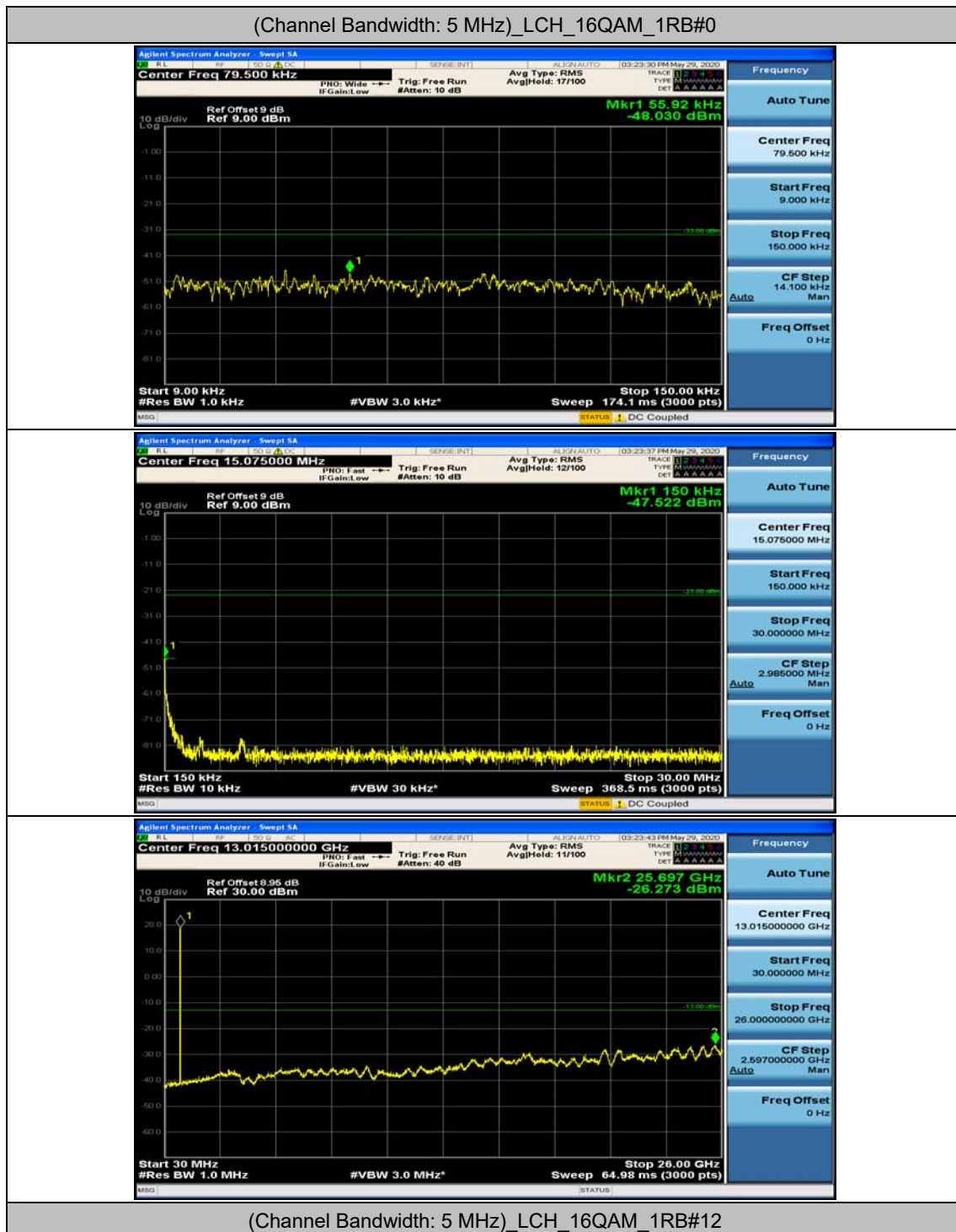
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

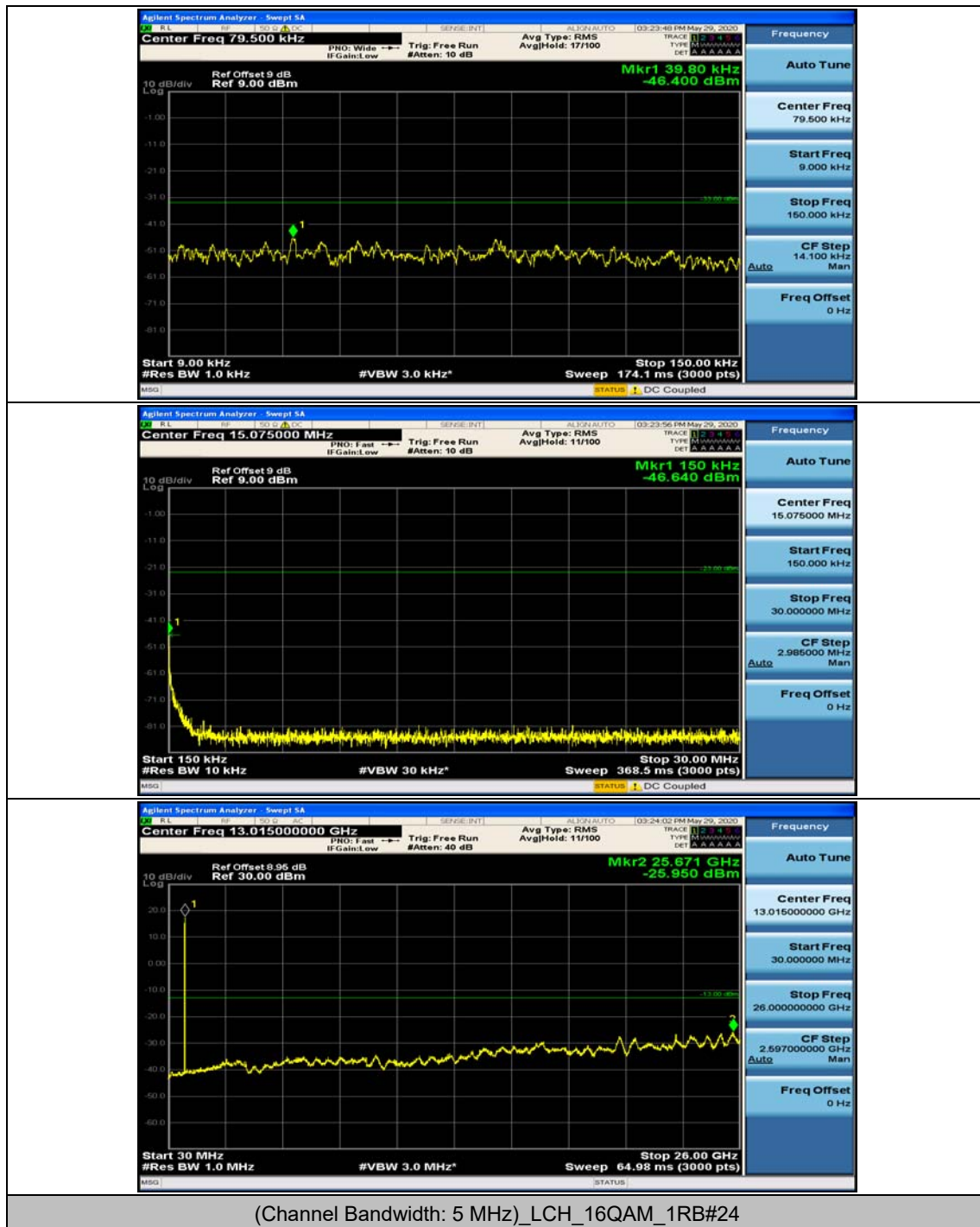


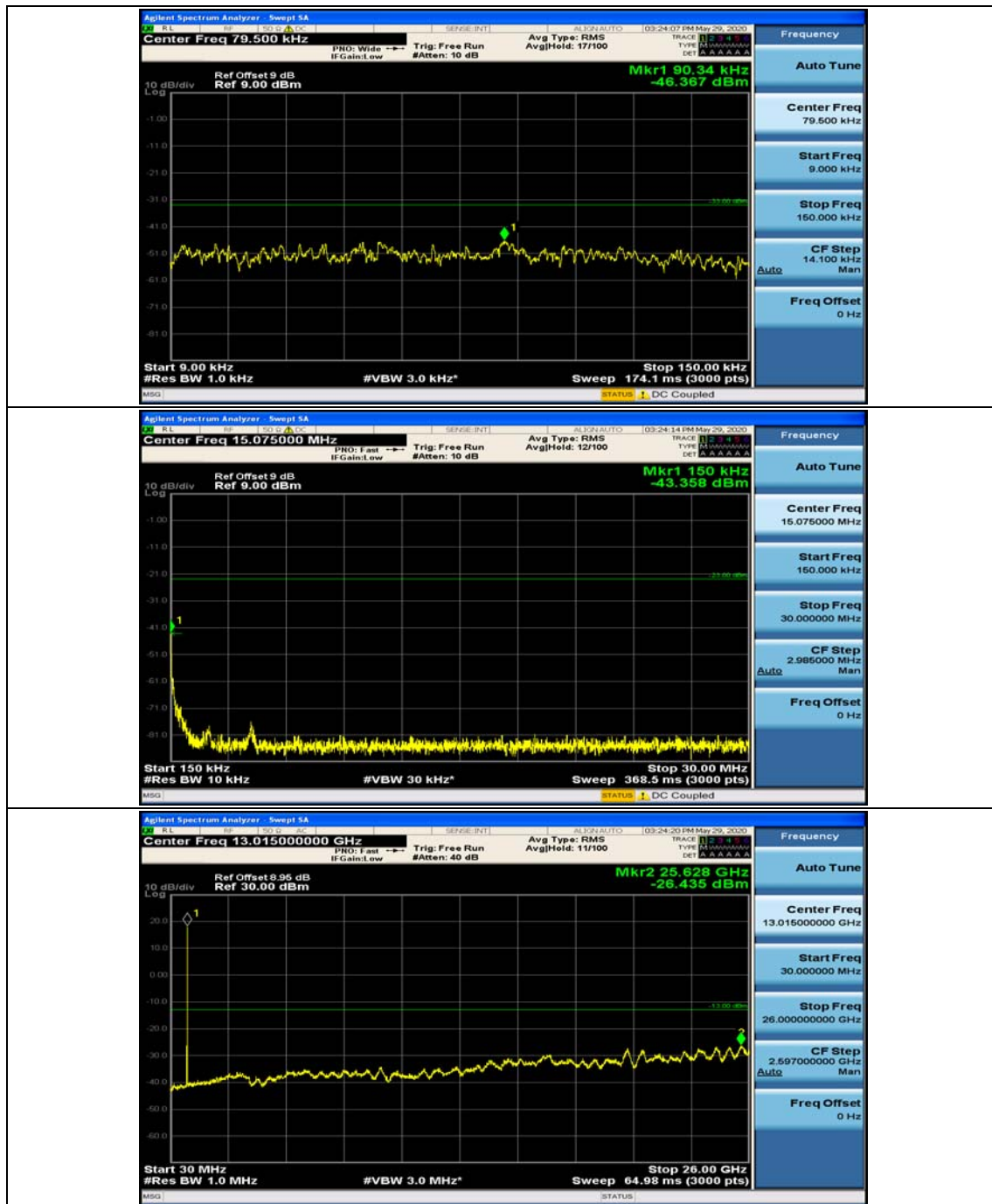
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



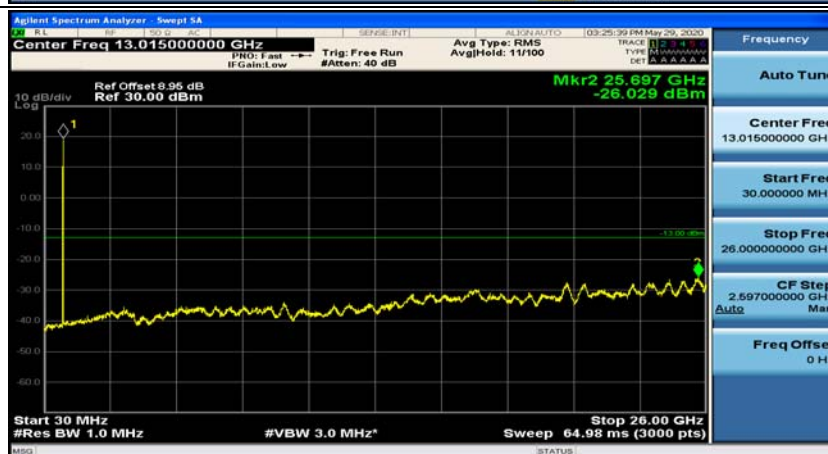
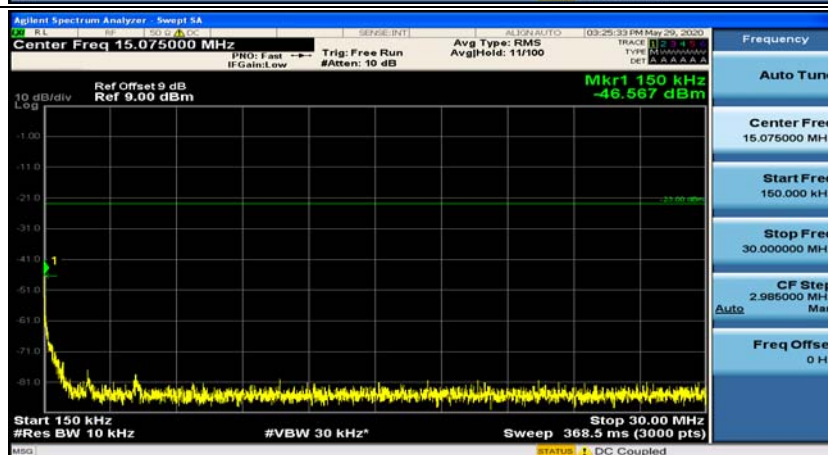
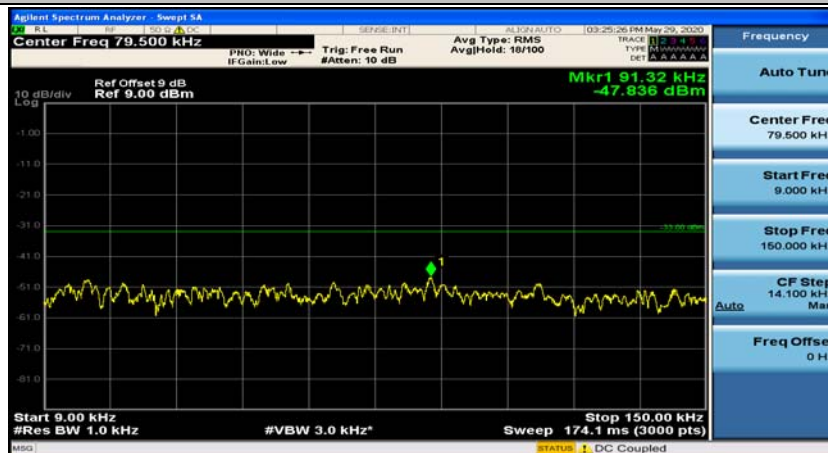




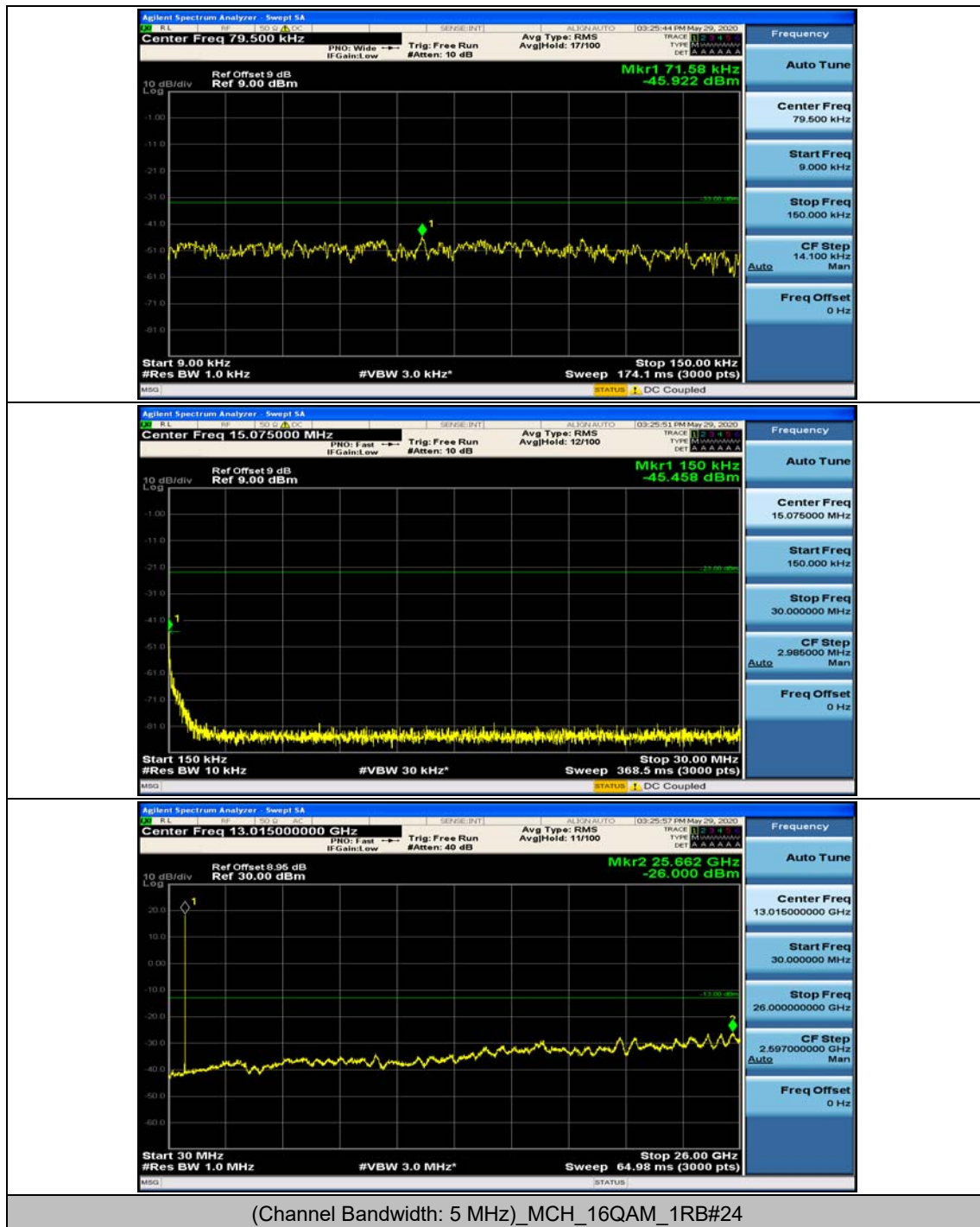


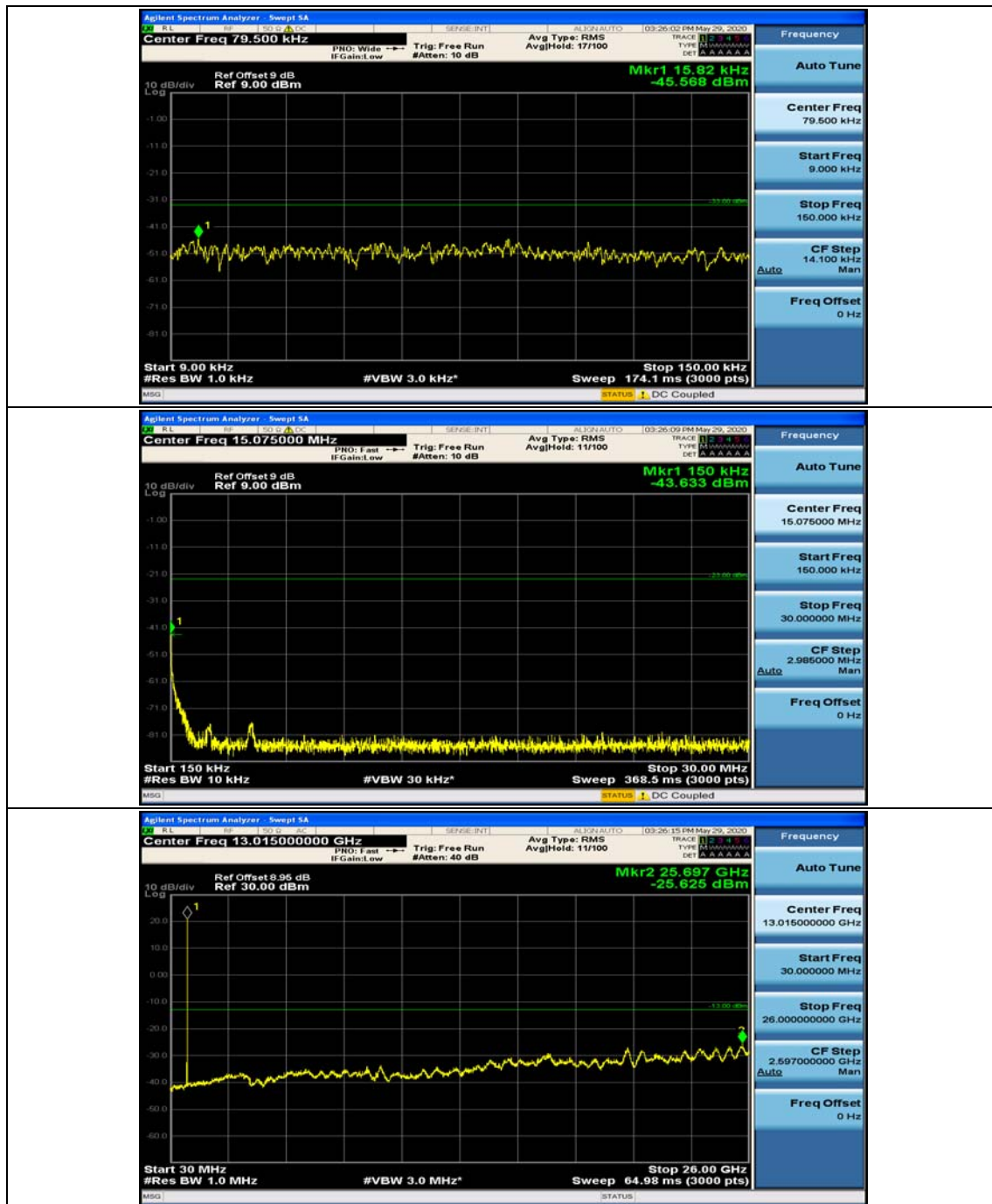


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

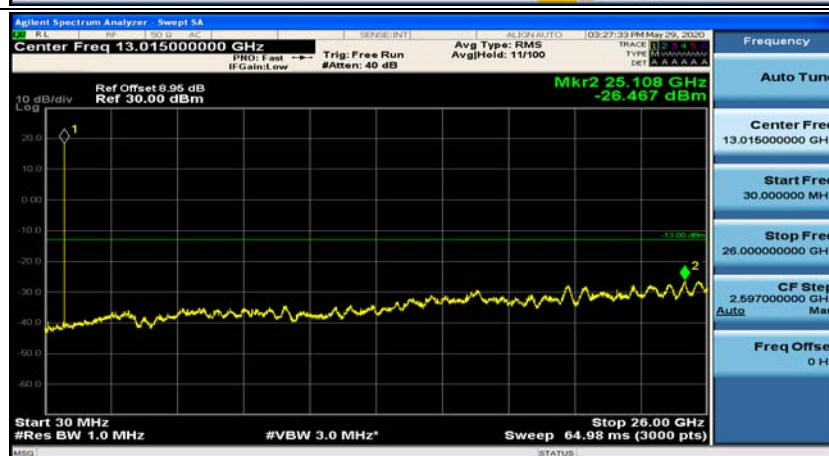
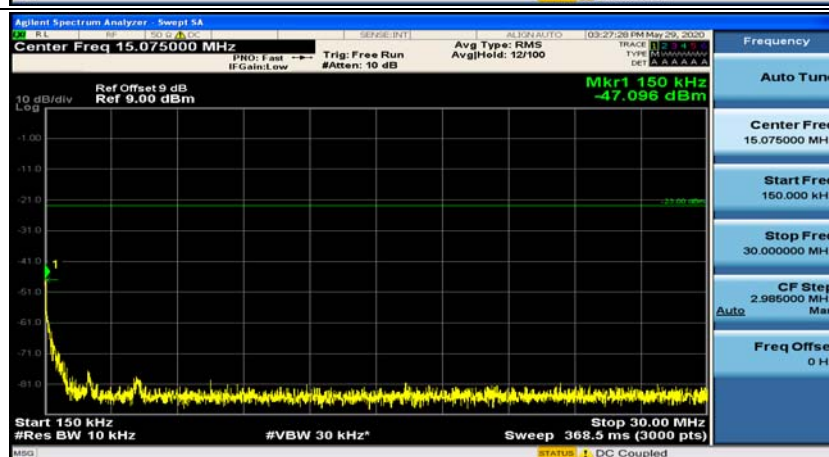
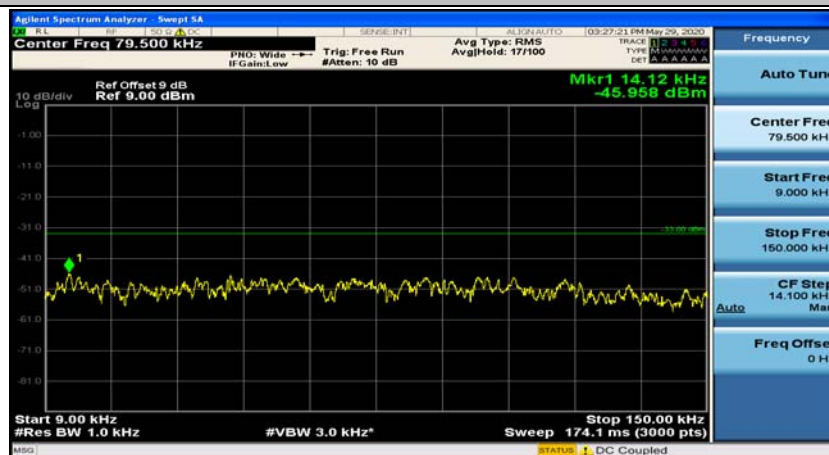


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12

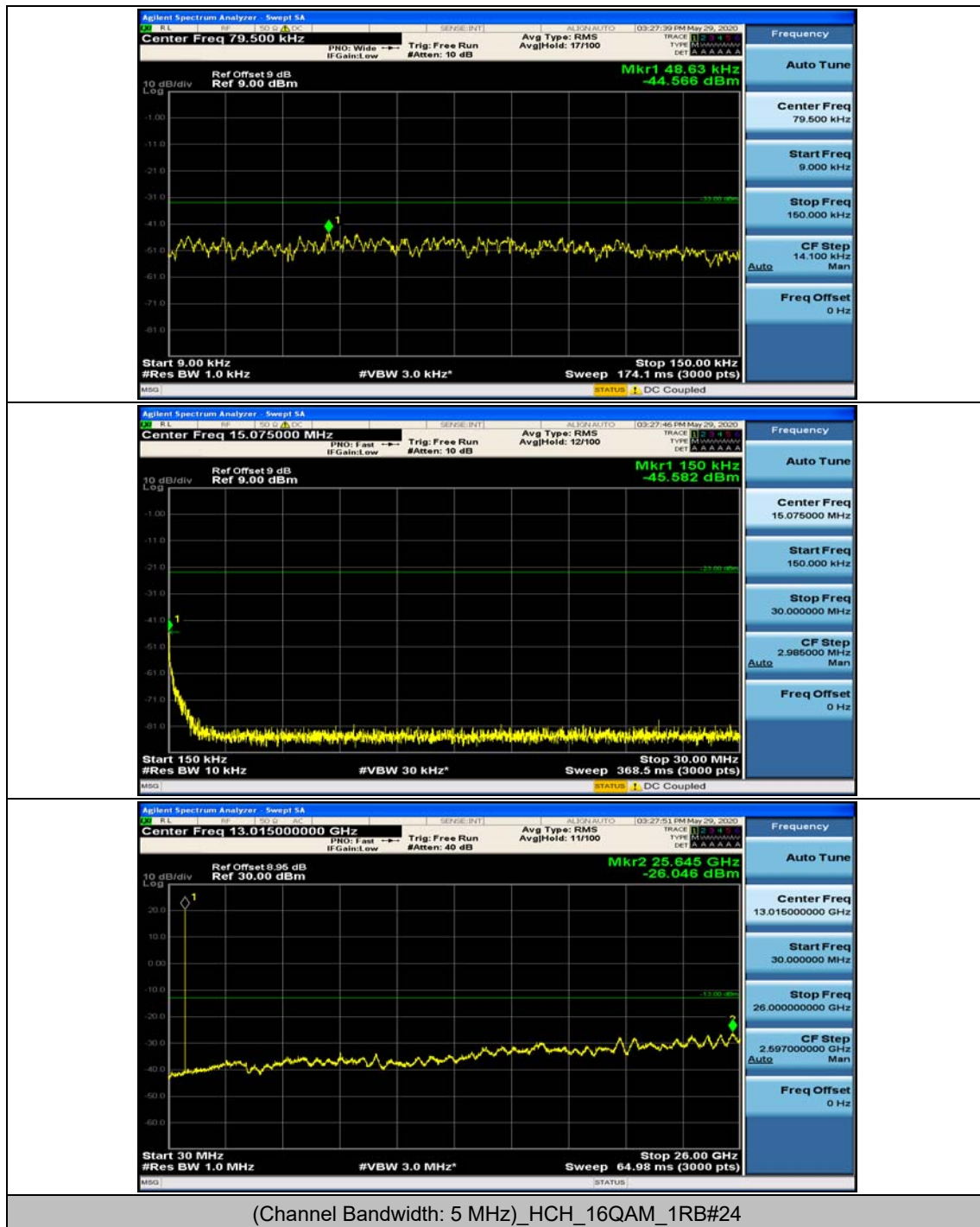


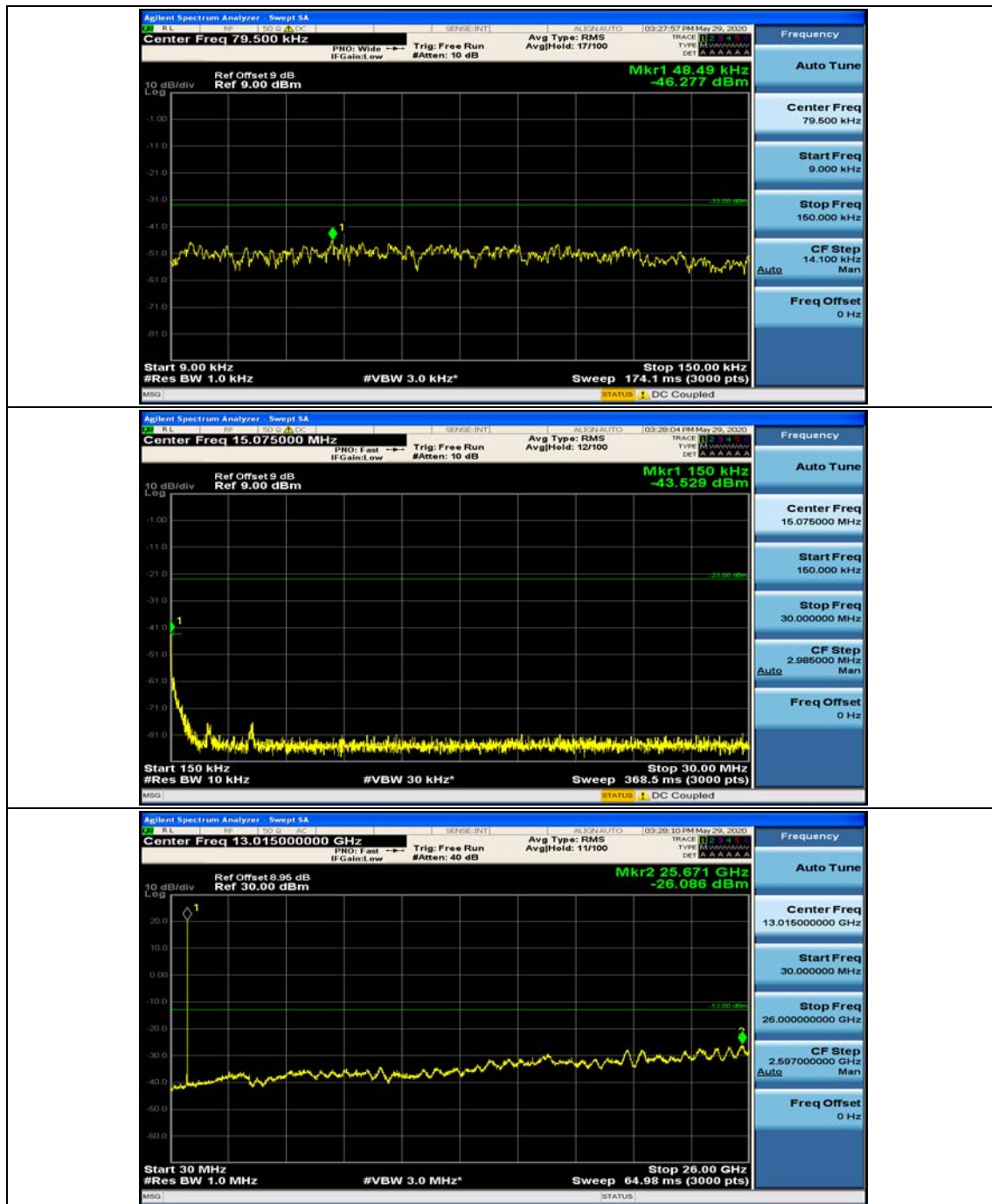


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

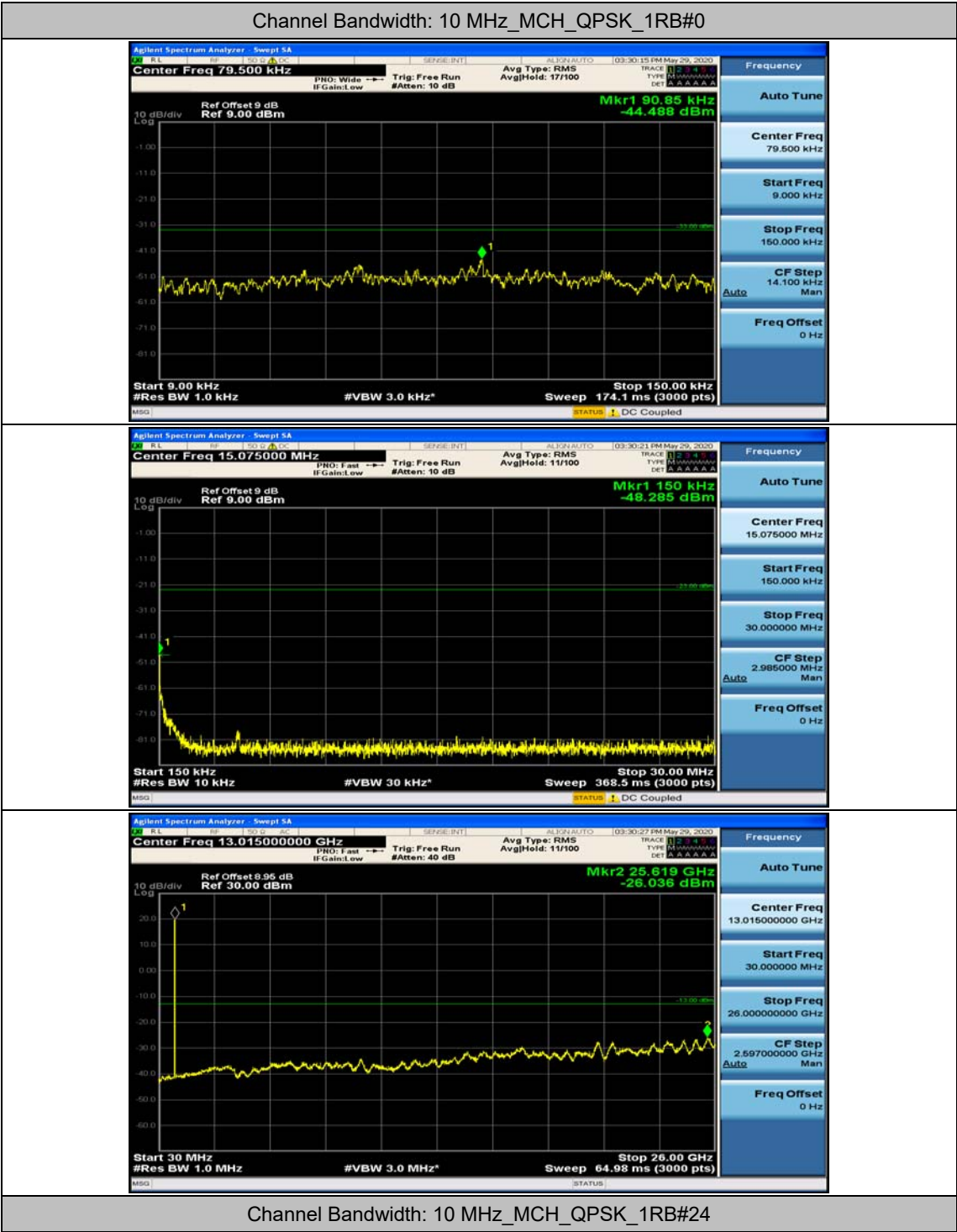


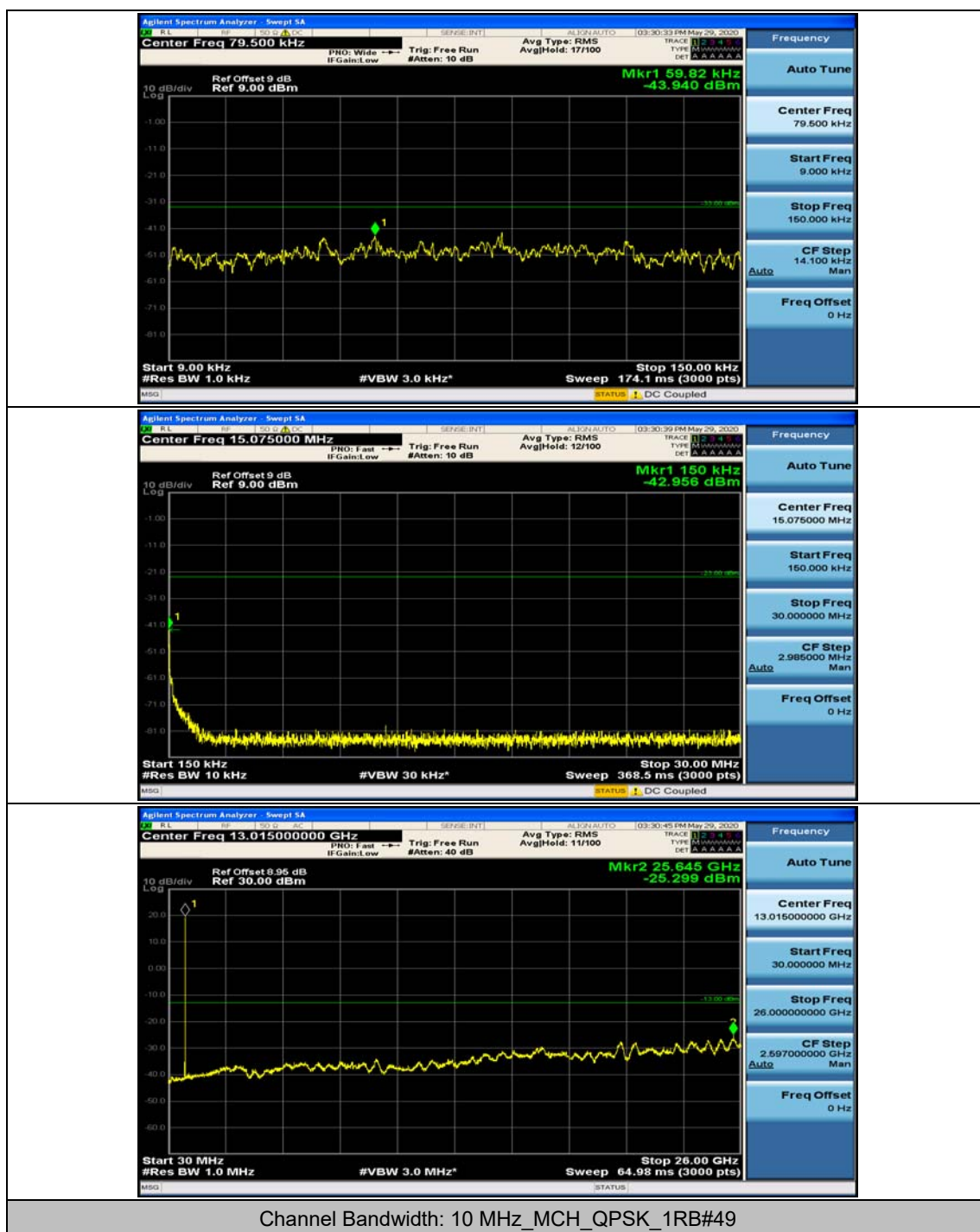
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

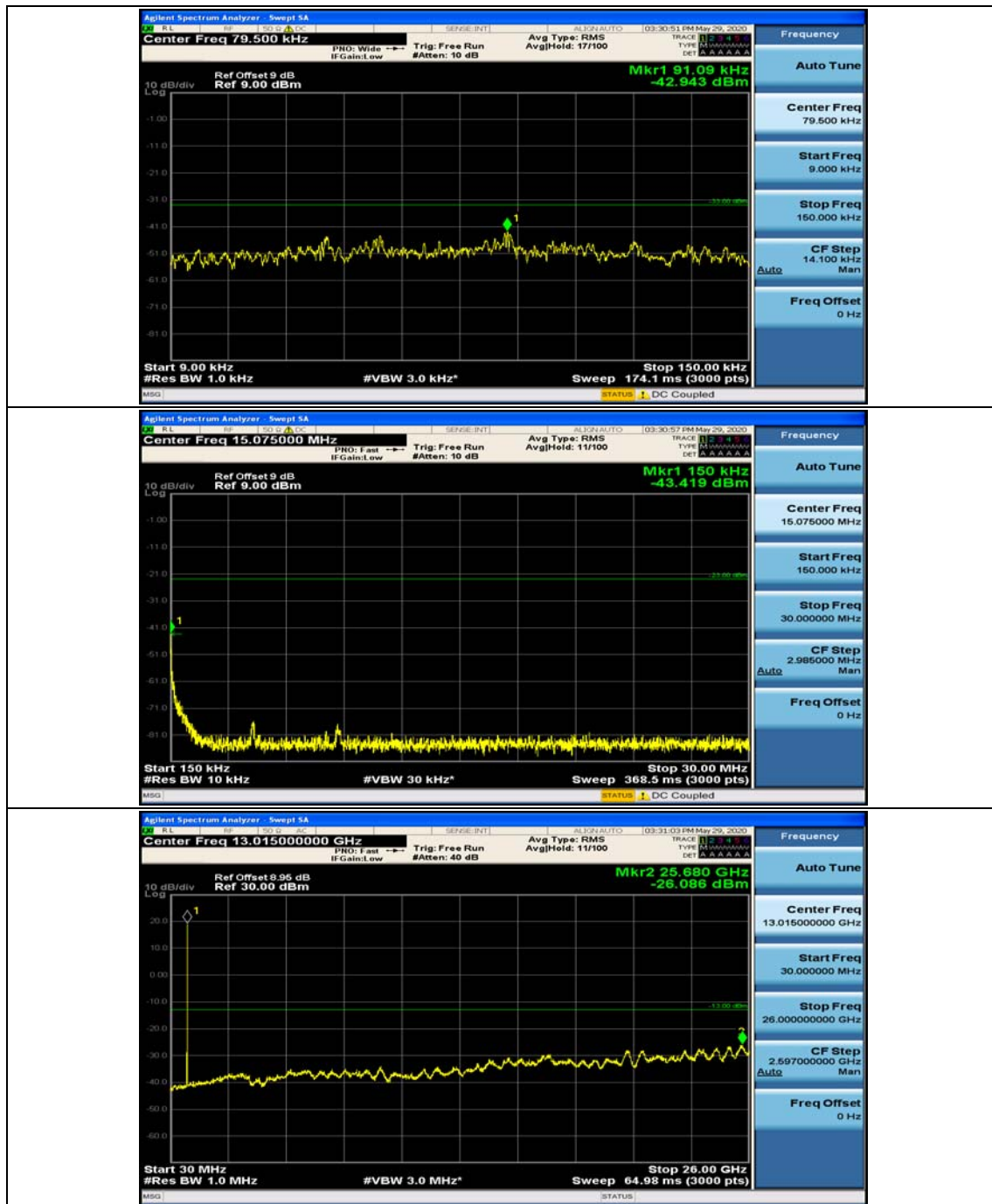


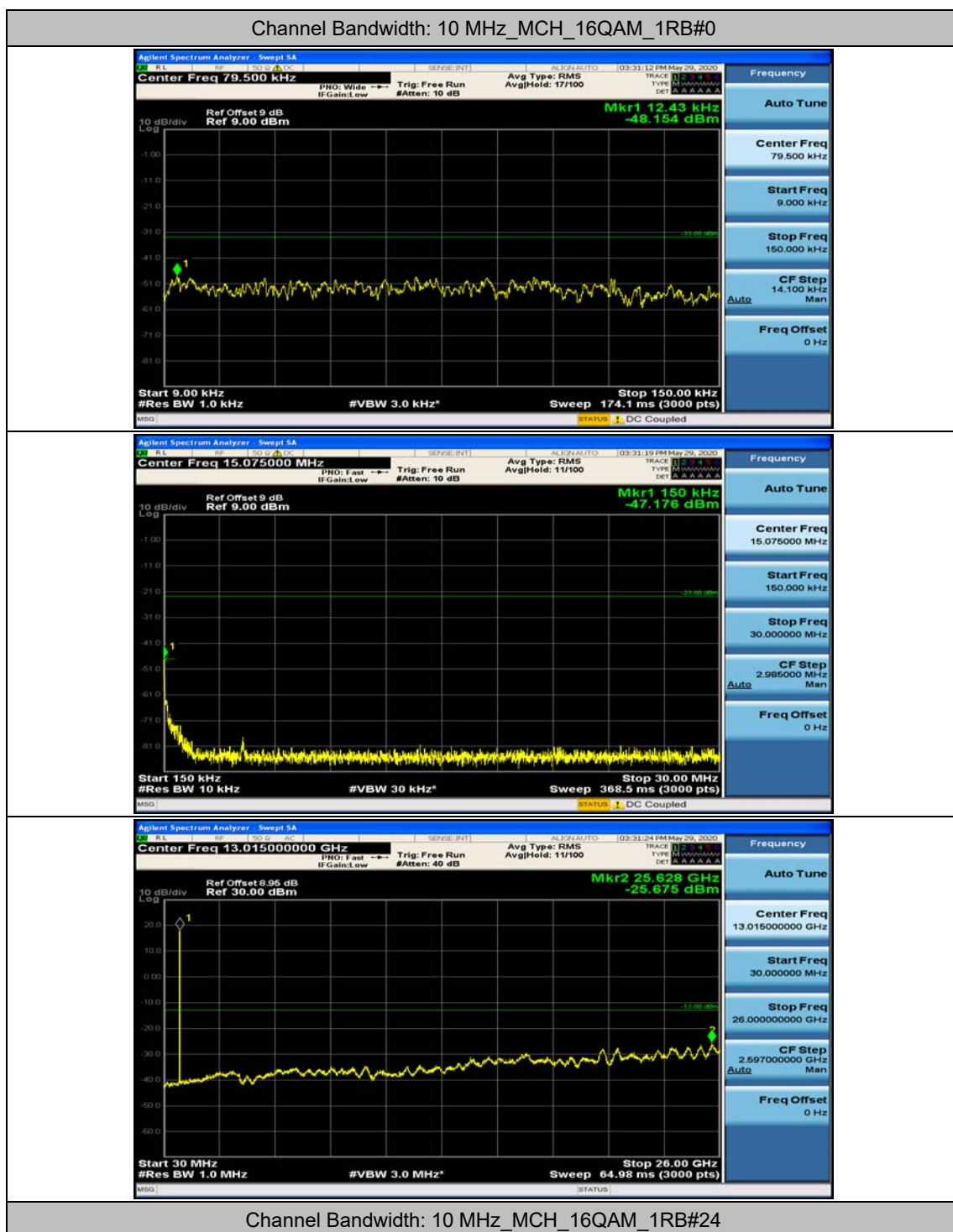


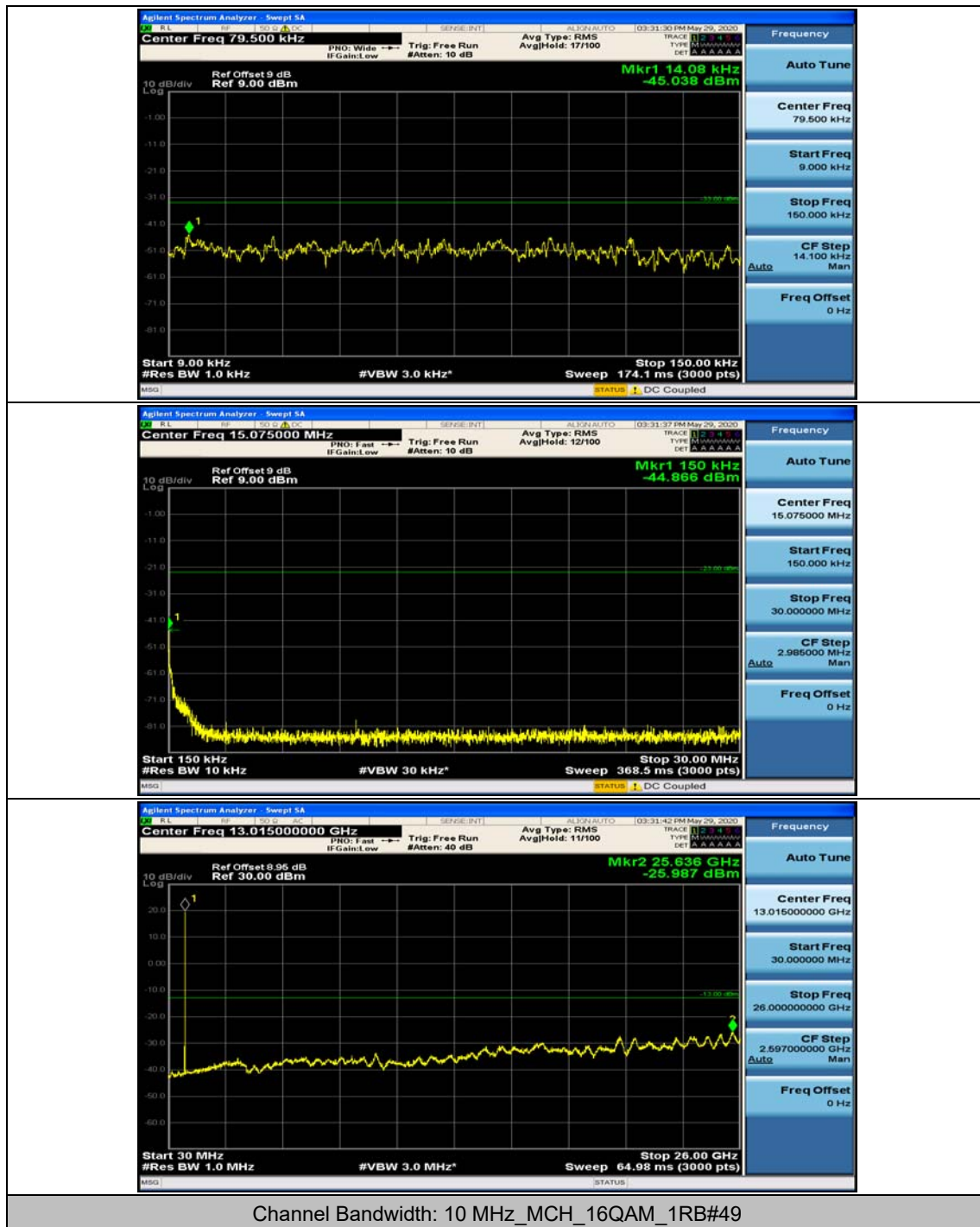
Channel Bandwidth: 10 MHz

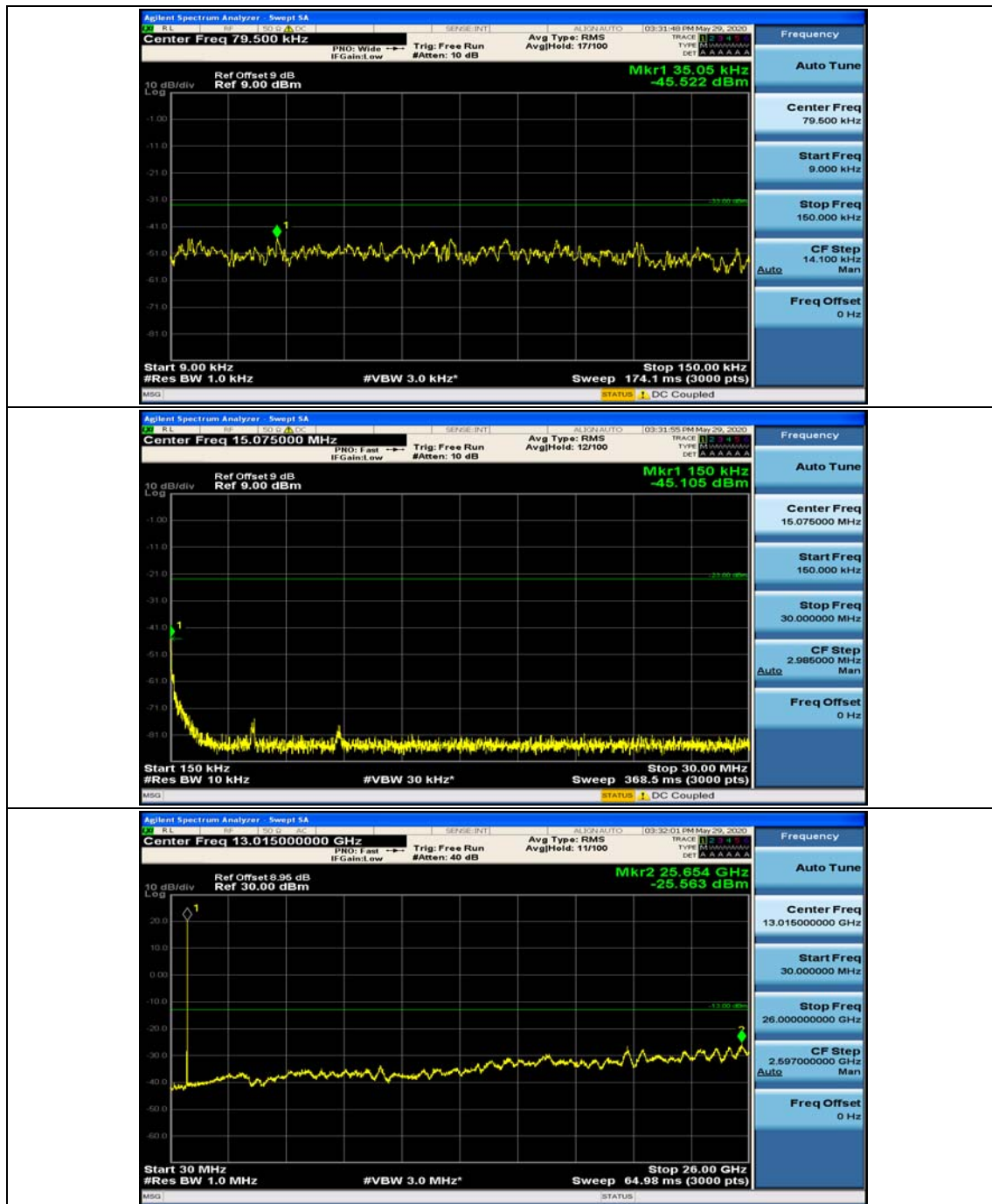












Appendix F: Frequency Stability

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	2.96	0.003797	± 2.5	PASS
		VN	TN	-0.22	-0.000282	± 2.5	PASS
		VH	TN	1.91	0.002450	± 2.5	PASS
	MCH	VL	TN	-0.38	-0.000486	± 2.5	PASS
		VN	TN	-0.05	-0.000064	± 2.5	PASS
		VH	TN	1.24	0.001586	± 2.5	PASS
	HCH	VL	TN	-1	-0.001275	± 2.5	PASS
		VN	TN	-0.25	-0.000319	± 2.5	PASS
		VH	TN	2.49	0.003174	± 2.5	PASS
16QAM	LCH	VL	TN	-1.23	-0.001578	± 2.5	PASS
		VN	TN	3.64	0.004670	± 2.5	PASS
		VH	TN	1.18	0.001514	± 2.5	PASS
	MCH	VL	TN	0.03	0.000038	± 2.5	PASS
		VN	TN	-0.09	-0.000115	± 2.5	PASS
		VH	TN	3.25	0.004156	± 2.5	PASS
	HCH	VL	TN	3.31	0.004219	± 2.5	PASS
		VN	TN	1.37	0.001746	± 2.5	PASS
		VH	TN	1.85	0.002358	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-0.44	-0.000564	± 2.5	PASS
		VN	-20	-1.47	-0.001886	± 2.5	PASS
		VN	-10	4.01	0.005144	± 2.5	PASS
		VN	0	-0.64	-0.000821	± 2.5	PASS
		VN	10	0.94	0.001206	± 2.5	PASS
		VN	20	0.84	0.001078	± 2.5	PASS
		VN	30	0.53	0.000680	± 2.5	PASS
		VN	40	-0.38	-0.000487	± 2.5	PASS
		VN	50	3.71	0.004759	± 2.5	PASS

	MCH	VN	-30	1.72	0.002199	± 2.5	PASS
		VN	-20	1.2	0.001535	± 2.5	PASS
		VN	-10	-1.63	-0.002084	± 2.5	PASS
		VN	0	0.53	0.000678	± 2.5	PASS
		VN	10	3.89	0.004974	± 2.5	PASS
		VN	20	-1.67	-0.002136	± 2.5	PASS
		VN	30	1.29	0.001650	± 2.5	PASS
		VN	40	4	0.005115	± 2.5	PASS
		VN	50	-0.48	-0.000614	± 2.5	PASS
	HCH	VN	-30	1.34	0.001708	± 2.5	PASS
		VN	-20	1.84	0.002345	± 2.5	PASS
		VN	-10	-1.2	-0.001530	± 2.5	PASS
		VN	0	3.21	0.004092	± 2.5	PASS
		VN	10	-1.16	-0.001479	± 2.5	PASS
		VN	20	-0.63	-0.000803	± 2.5	PASS
		VN	30	0.5	0.000637	± 2.5	PASS
		VN	40	4.51	0.005749	± 2.5	PASS
		VN	50	4.44	0.005660	± 2.5	PASS
16QAM	LCH	VN	-30	2.97	0.003810	± 2.5	PASS
		VN	-20	-1.14	-0.001462	± 2.5	PASS
		VN	-10	2.5	0.003207	± 2.5	PASS
		VN	0	1.9	0.002437	± 2.5	PASS
		VN	10	1.65	0.002117	± 2.5	PASS
		VN	20	0.64	0.000821	± 2.5	PASS
		VN	30	2.04	0.002617	± 2.5	PASS
		VN	40	0.66	0.000847	± 2.5	PASS
		VN	50	1.23	0.001578	± 2.5	PASS
	MCH	VN	-30	-1.36	-0.001739	± 2.5	PASS
		VN	-20	1.83	0.002340	± 2.5	PASS
		VN	-10	1.2	0.001535	± 2.5	PASS
		VN	0	3.39	0.004335	± 2.5	PASS
		VN	10	-1.09	-0.001394	± 2.5	PASS
		VN	20	-1.2	-0.001535	± 2.5	PASS
		VN	30	3.21	0.004105	± 2.5	PASS
		VN	40	2.07	0.002647	± 2.5	PASS
		VN	50	3.91	0.005000	± 2.5	PASS
	HCH	VN	-30	2.26	0.002881	± 2.5	PASS
		VN	-20	3.75	0.004780	± 2.5	PASS
		VN	-10	1.26	0.001606	± 2.5	PASS
		VN	0	4.85	0.006182	± 2.5	PASS
		VN	10	-0.88	-0.001122	± 2.5	PASS

		VN	20	4.8	0.006119	± 2.5	PASS
		VN	30	-1.08	-0.001377	± 2.5	PASS
		VN	40	2.5	0.003187	± 2.5	PASS
		VN	50	-0.94	-0.001198	± 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	MCH	VL	TN	4.91	0.006279	± 2.5	PASS
		VN	TN	2.94	0.003760	± 2.5	PASS
		VH	TN	-0.23	-0.000294	± 2.5	PASS
16QAM	MCH	VL	TN	0.23	0.000294	± 2.5	PASS
		VN	TN	0.29	0.000371	± 2.5	PASS
		VH	TN	4.16	0.005320	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	MCH	VN	-30	3.61	0.004616	± 2.5	PASS
		VN	-20	4.07	0.005205	± 2.5	PASS
		VN	-10	-1.85	-0.002366	± 2.5	PASS
		VN	0	1.72	0.002199	± 2.5	PASS
		VN	10	1.86	0.002379	± 2.5	PASS
		VN	20	0.09	0.000115	± 2.5	PASS
		VN	30	-0.4	-0.000512	± 2.5	PASS
		VN	40	-0.46	-0.000588	± 2.5	PASS
		VN	50	2.06	0.002634	± 2.5	PASS
16QAM	MCH	VN	-30	0.92	0.001176	± 2.5	PASS
		VN	-20	-0.31	-0.000396	± 2.5	PASS
		VN	-10	-0.39	-0.000499	± 2.5	PASS
		VN	0	1.83	0.002340	± 2.5	PASS
		VN	10	4.7	0.006010	± 2.5	PASS
		VN	20	-0.47	-0.000601	± 2.5	PASS
		VN	30	3.94	0.005038	± 2.5	PASS
		VN	40	2.97	0.003798	± 2.5	PASS
		VN	50	4.81	0.006151	± 2.5	PASS