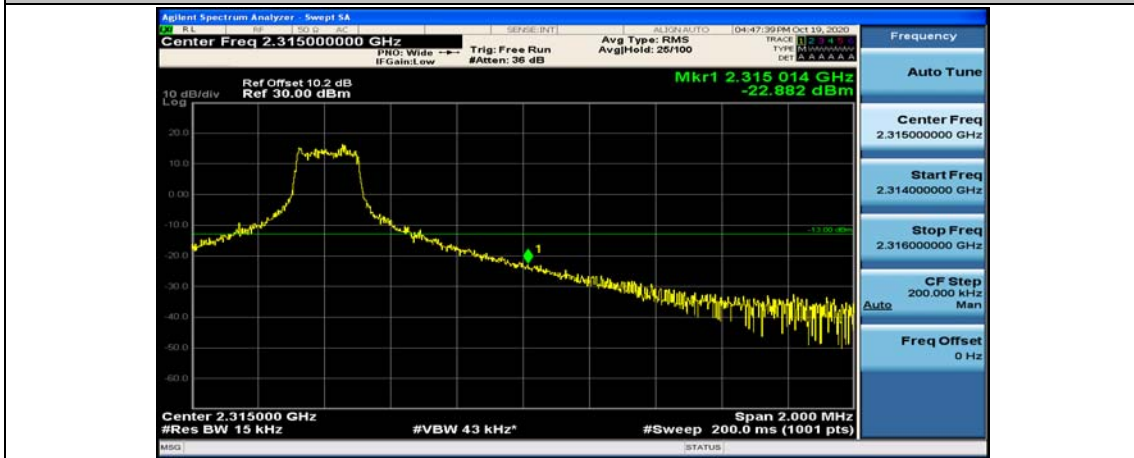
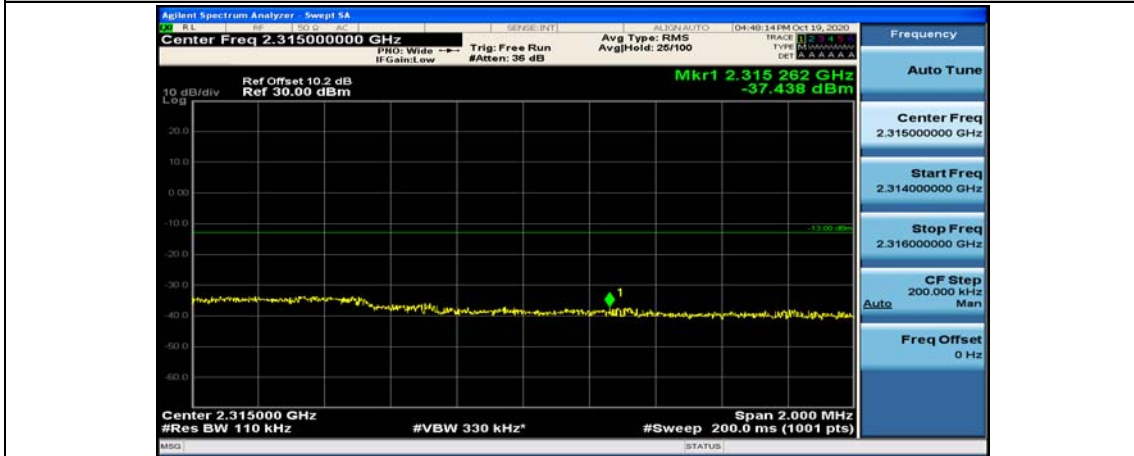


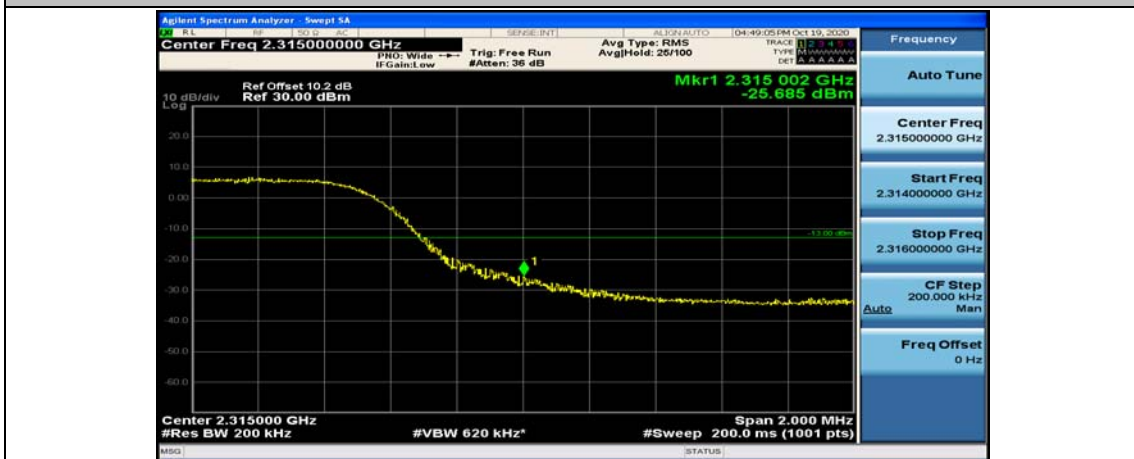
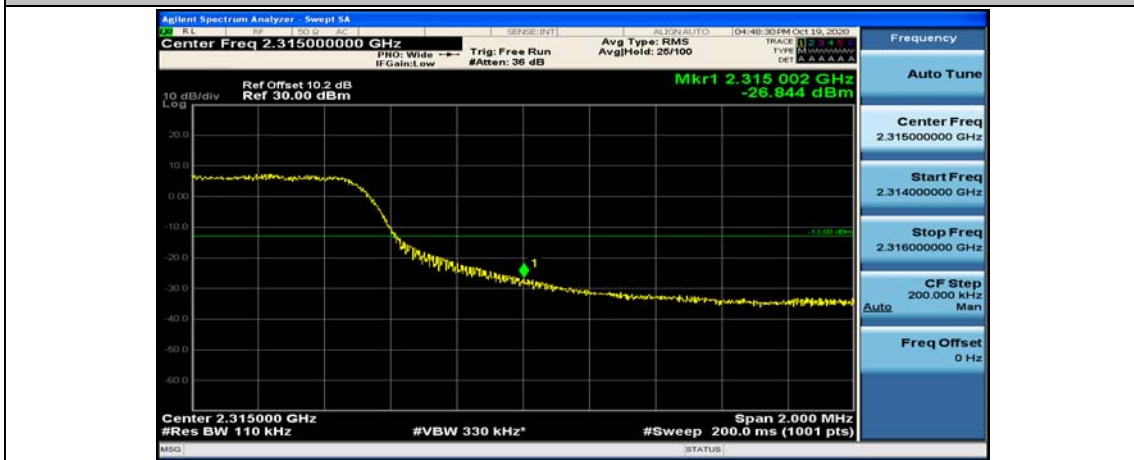
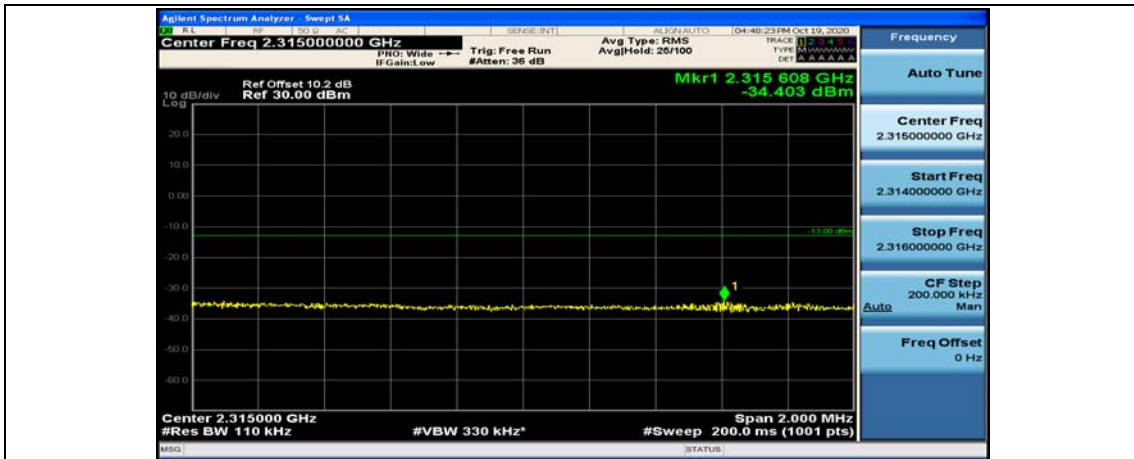
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

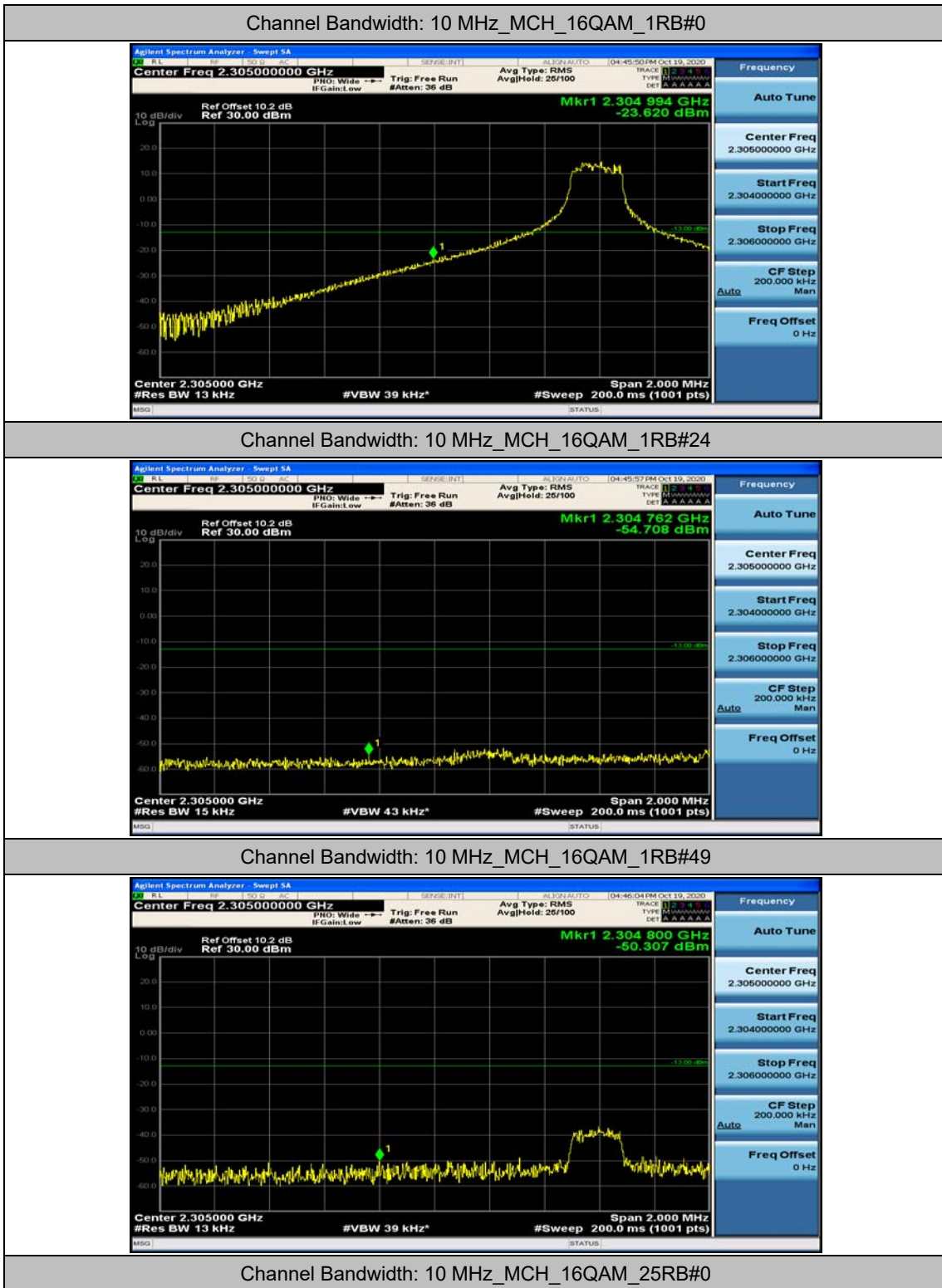


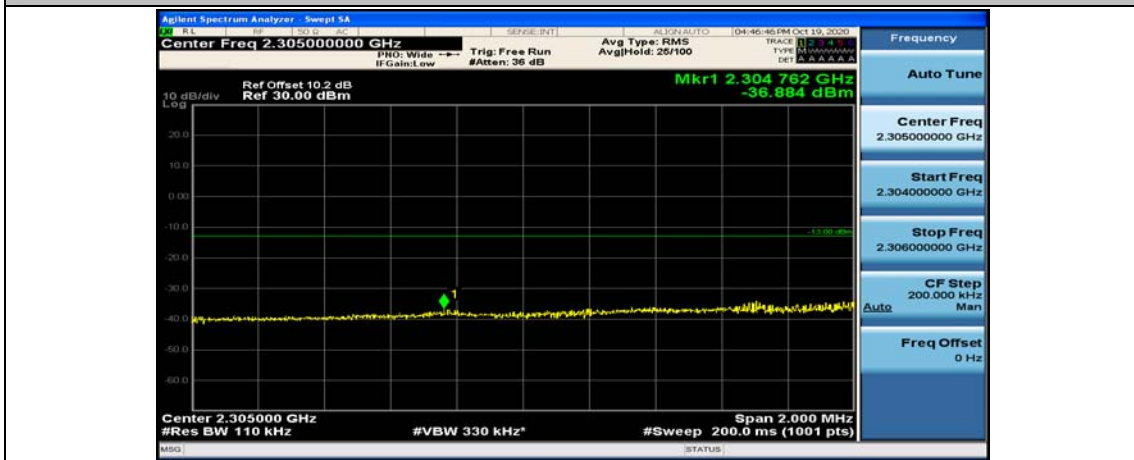
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12

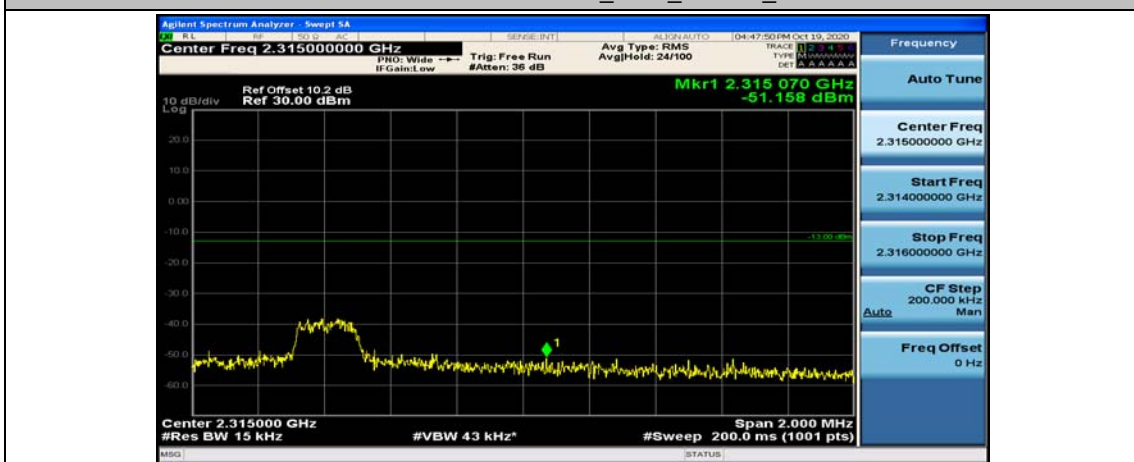




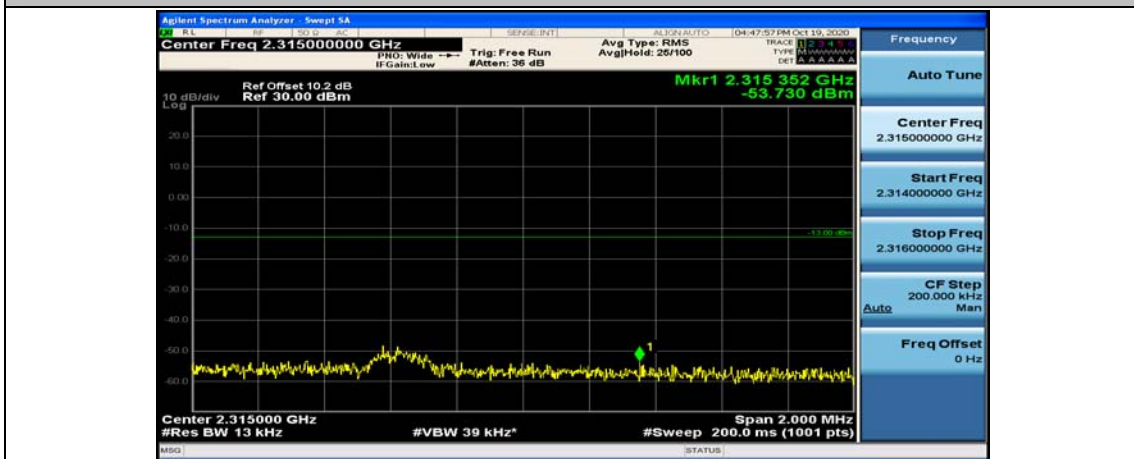




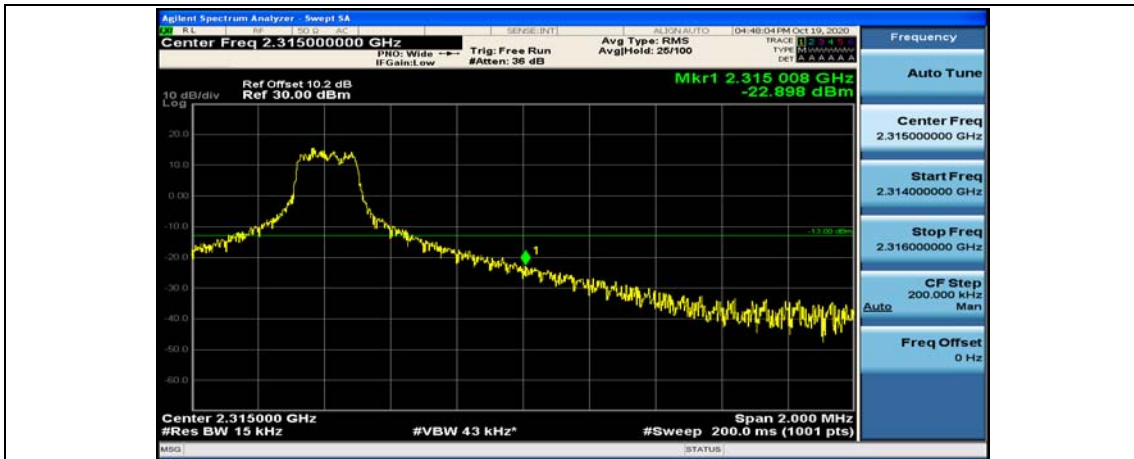
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



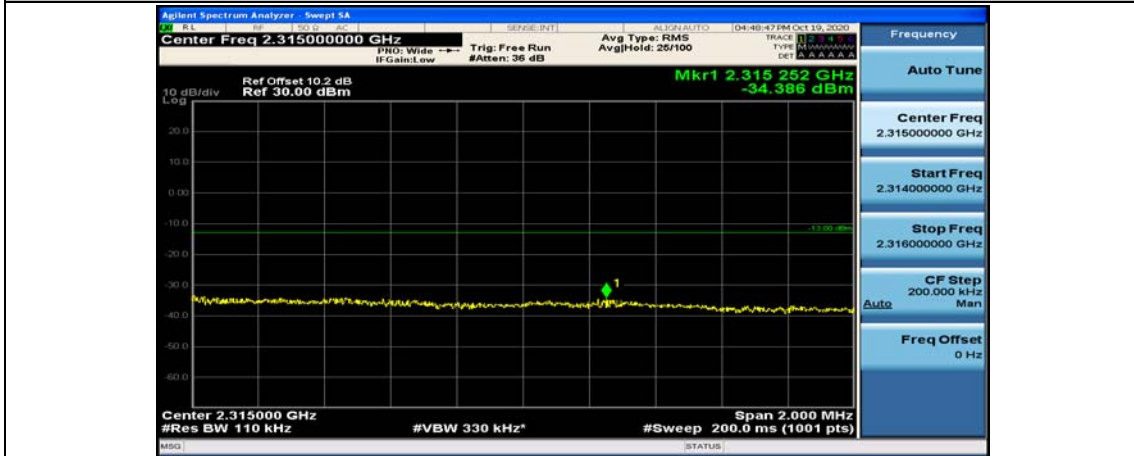
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49



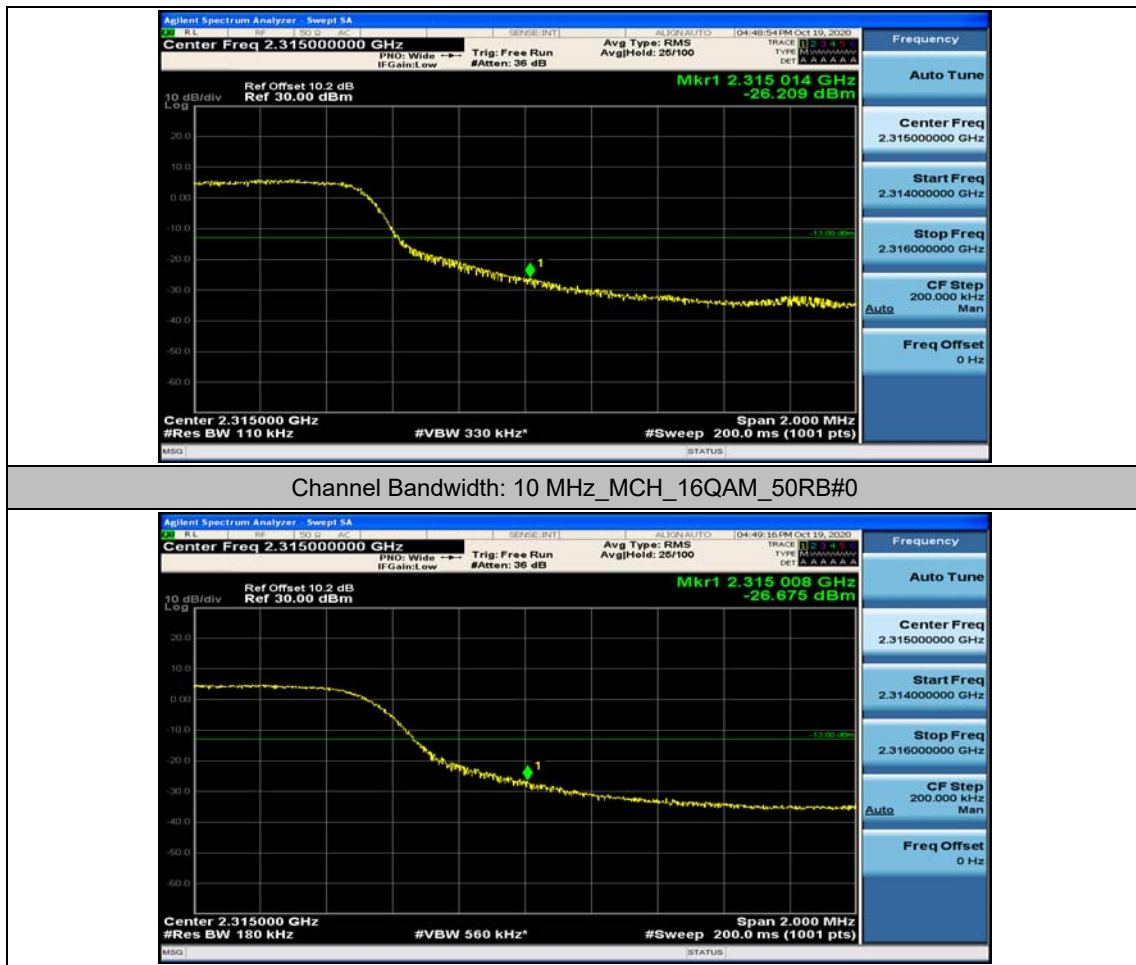
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12



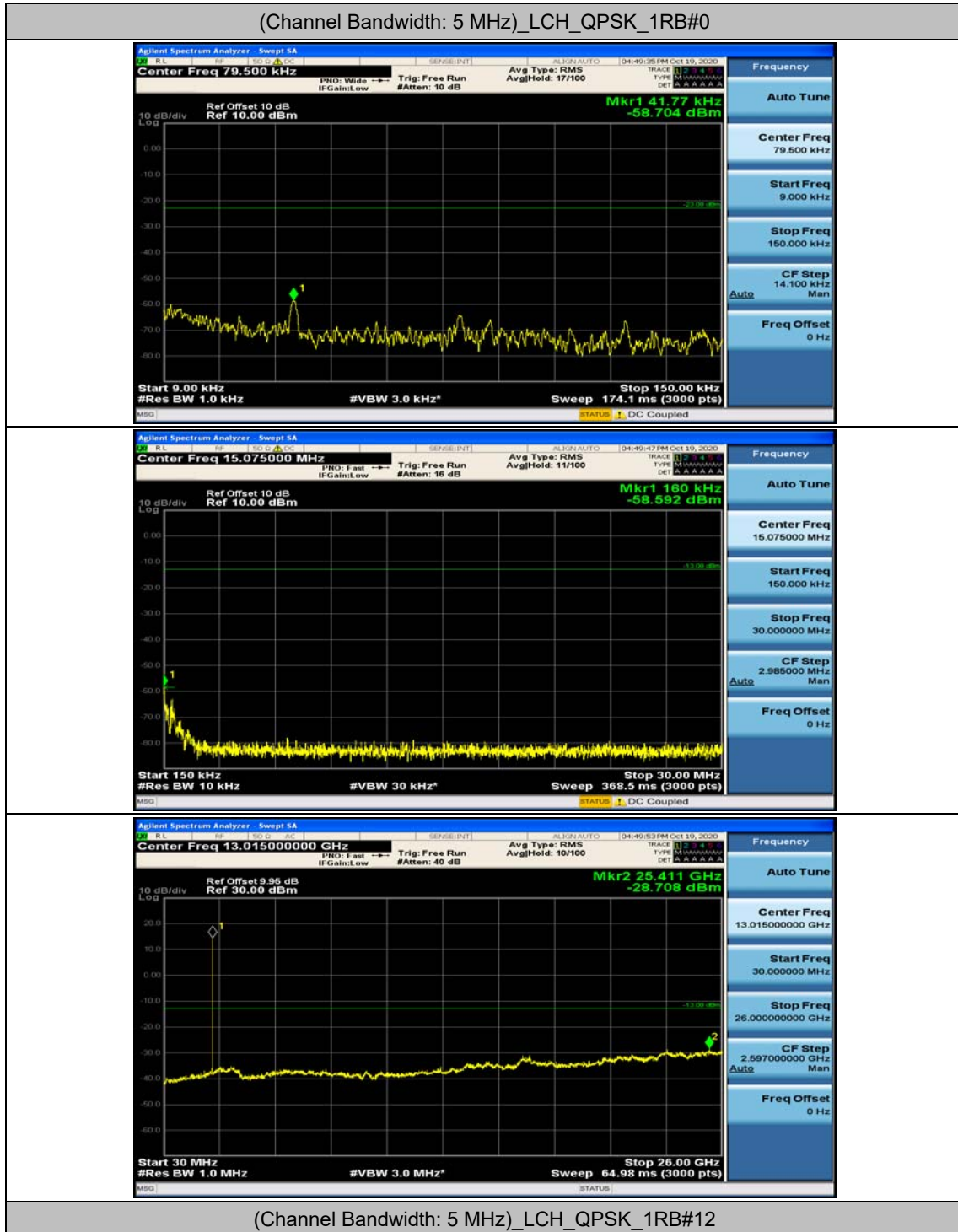
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25

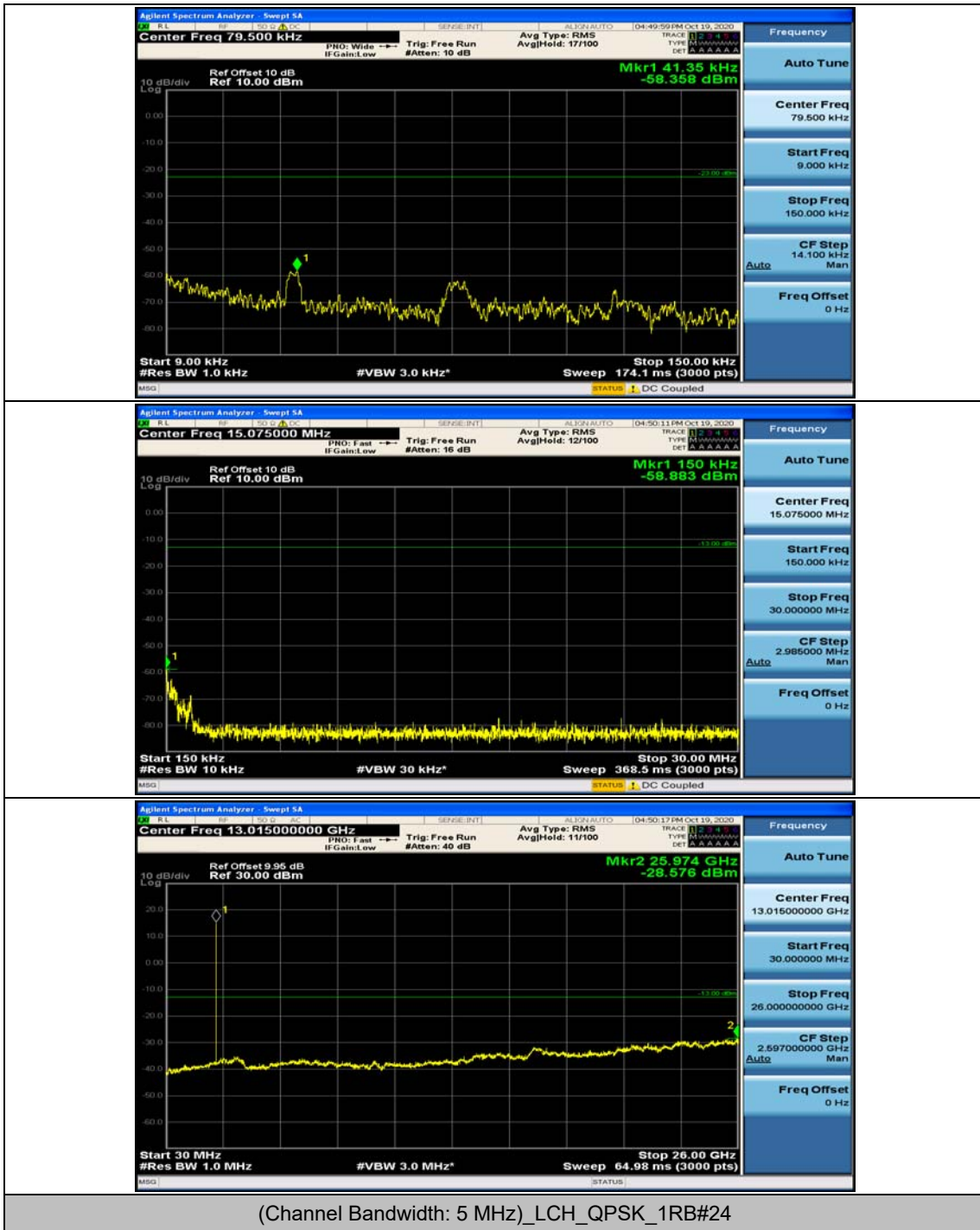


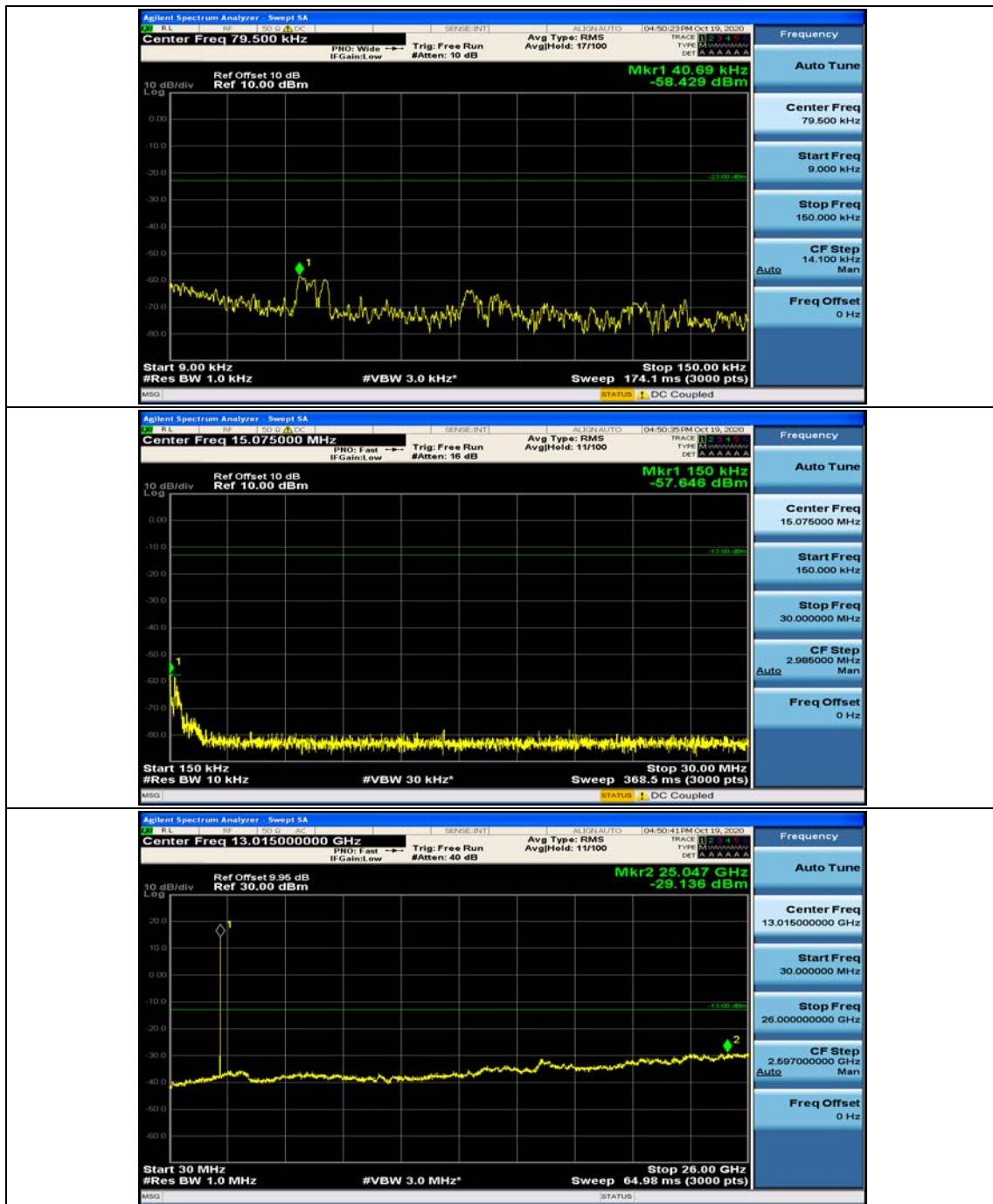
Appendix E: Conducted Spurious Emission

Test Graphs

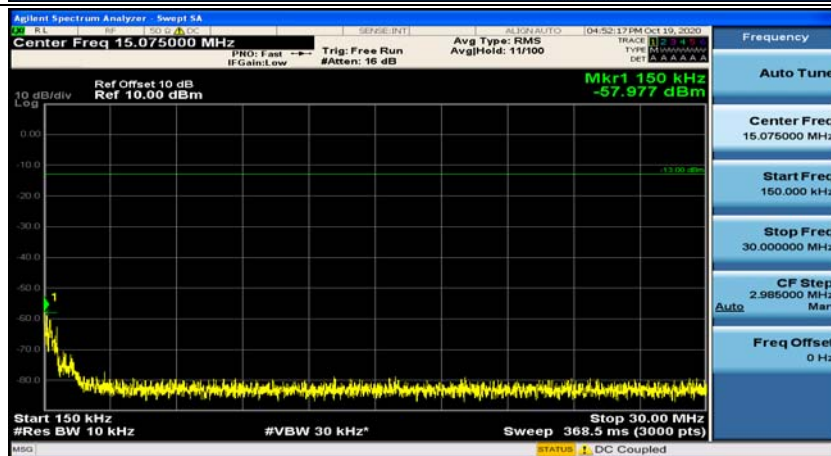
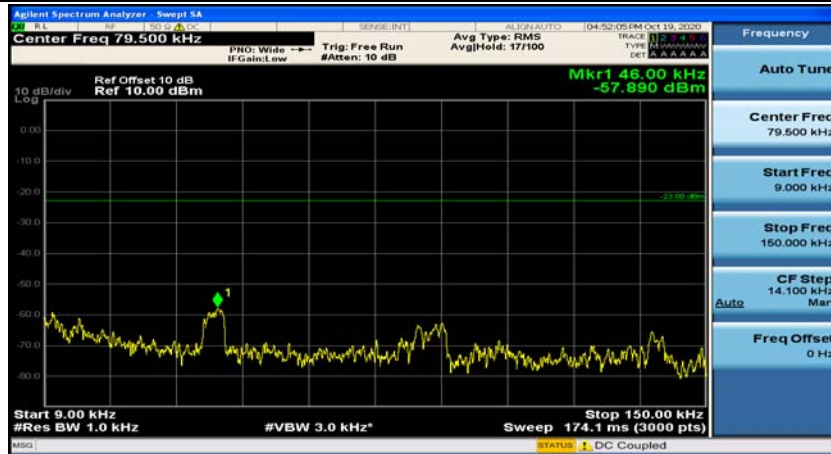
Channel Bandwidth: 5 MHz



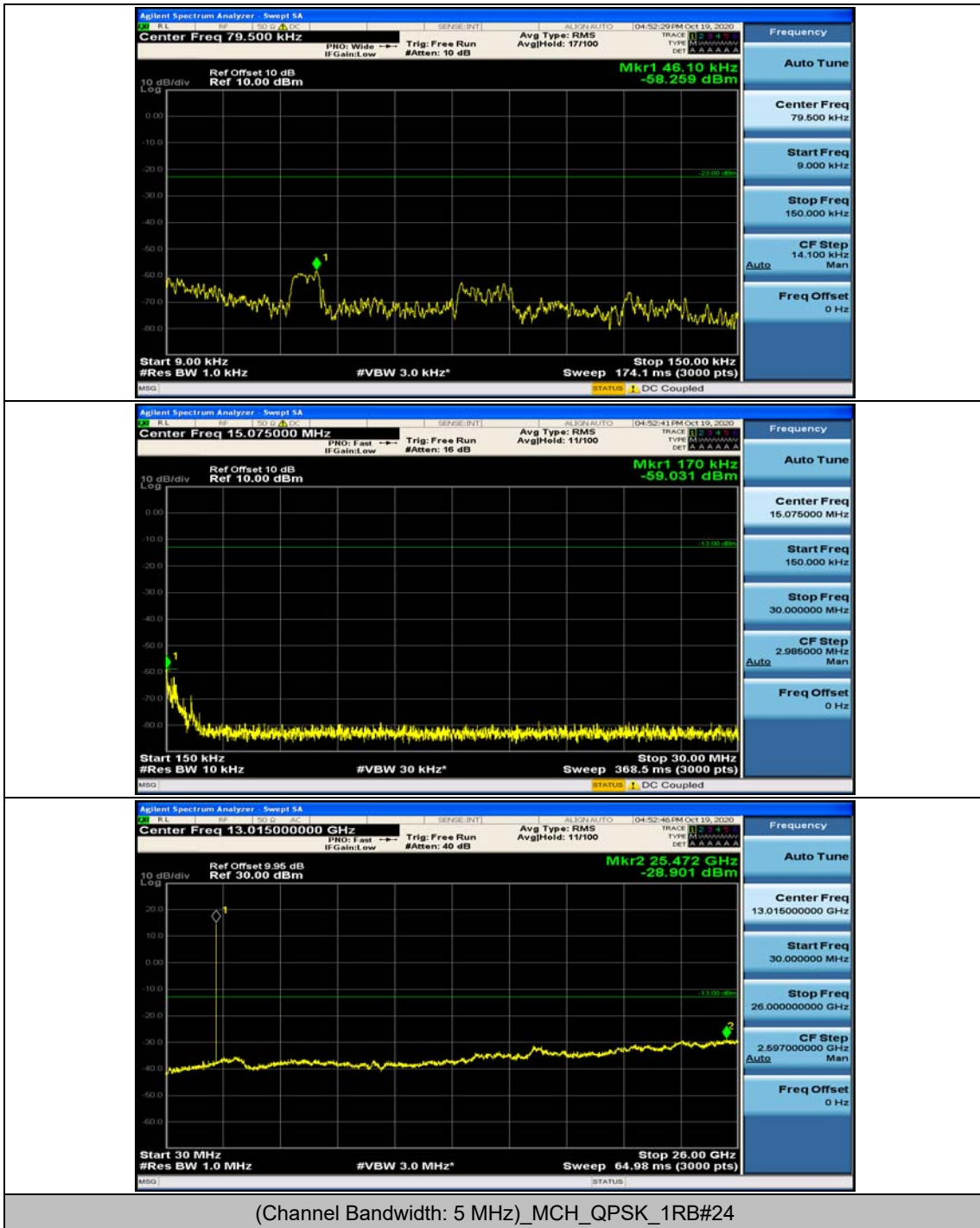


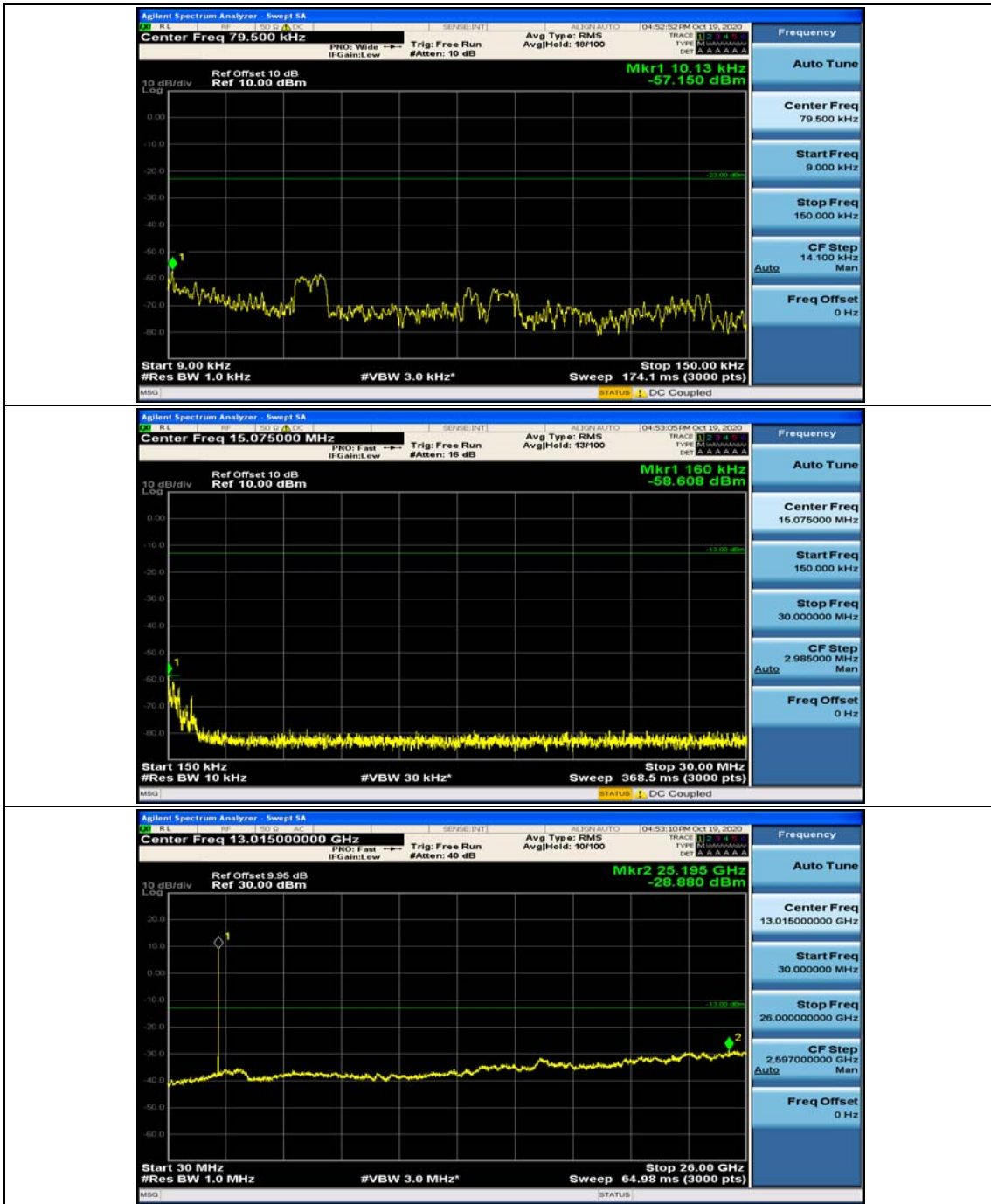


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

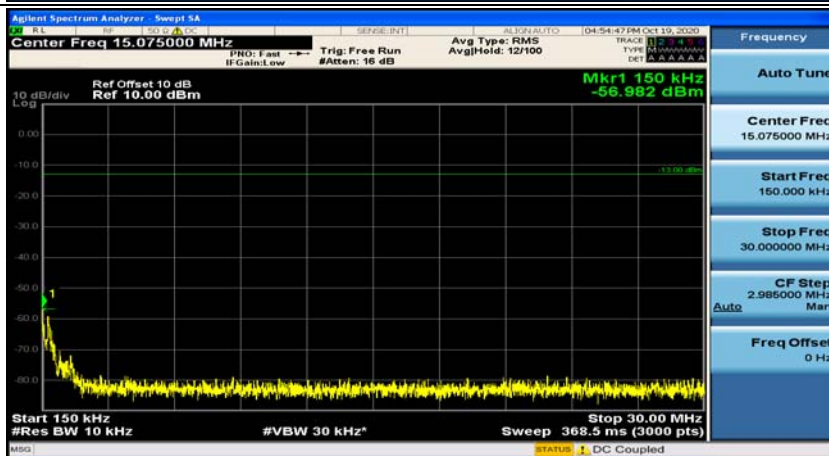
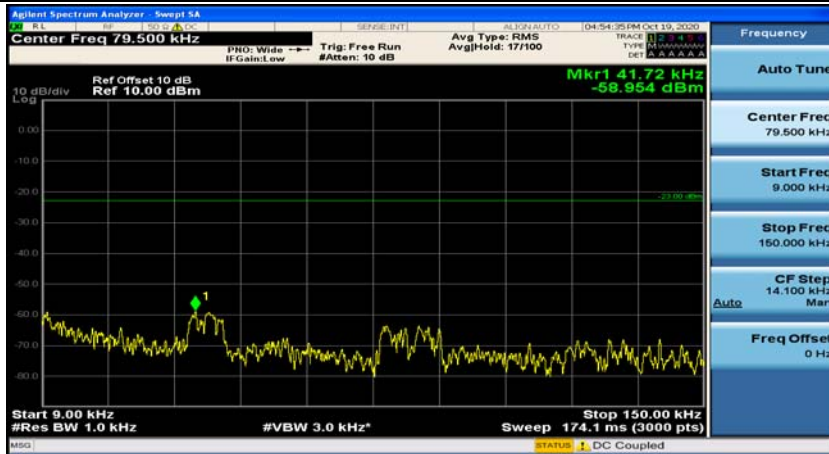


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

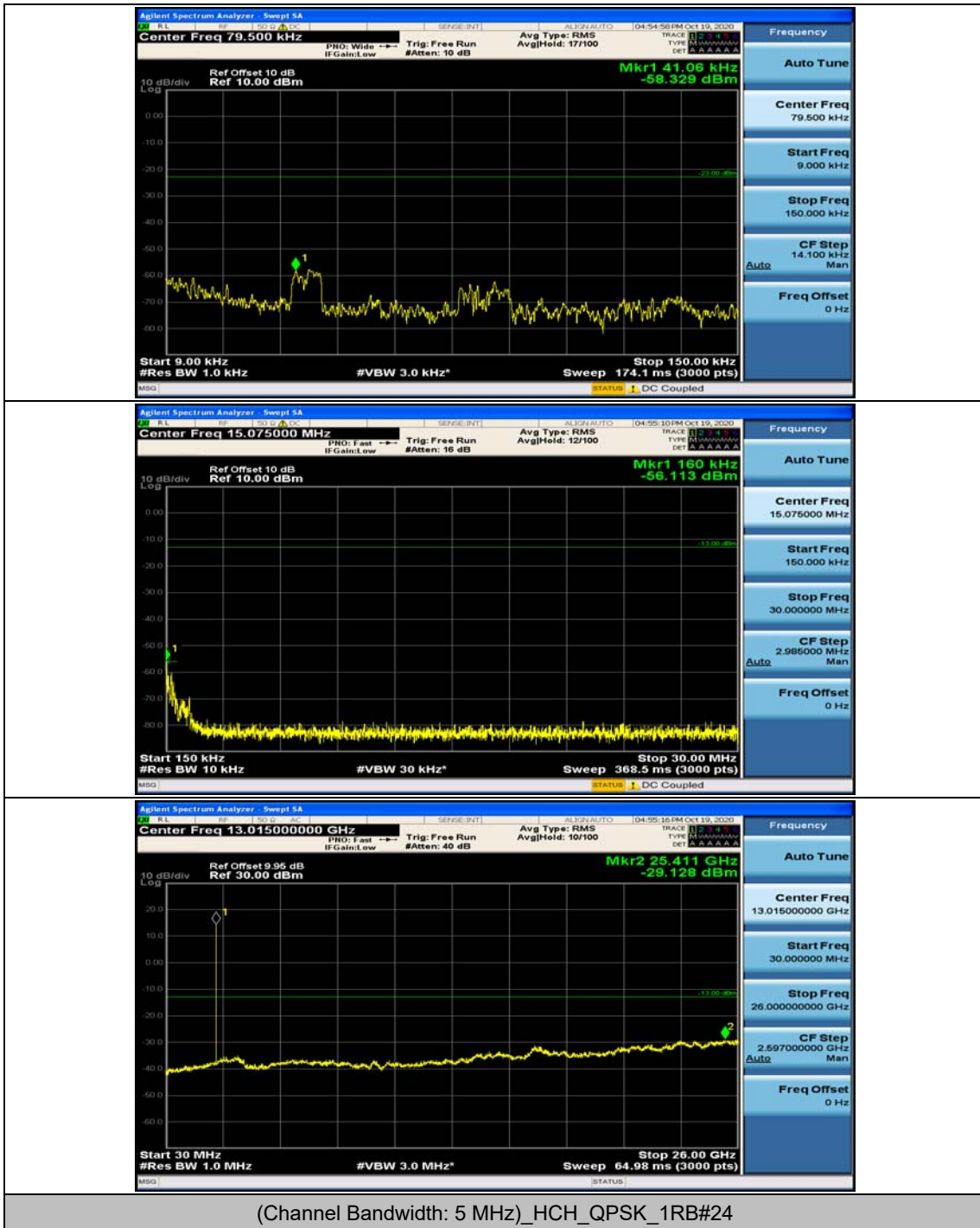


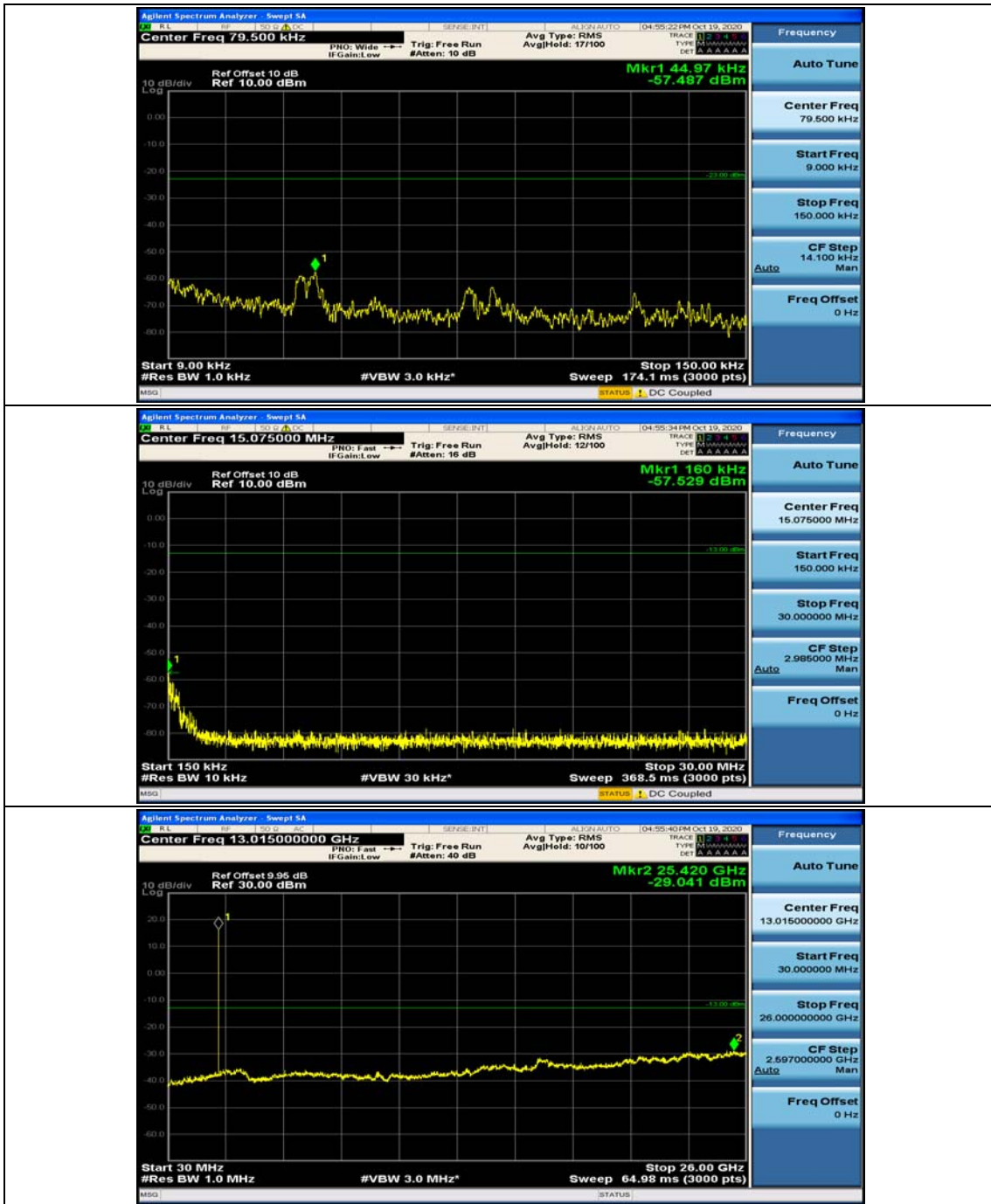


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

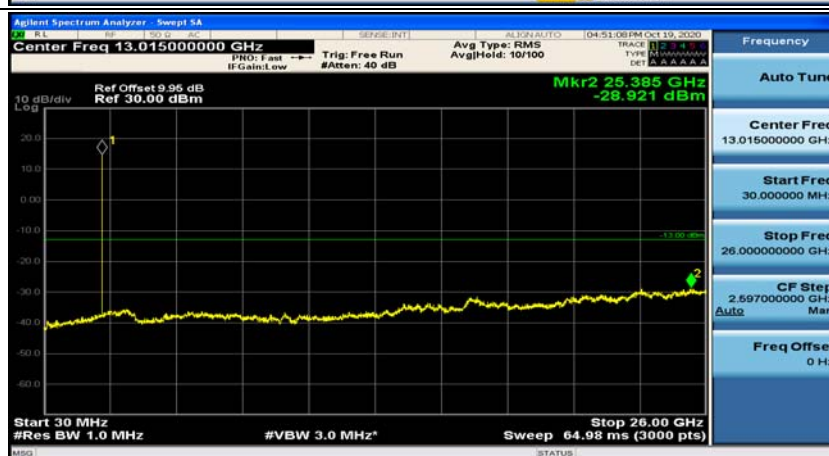
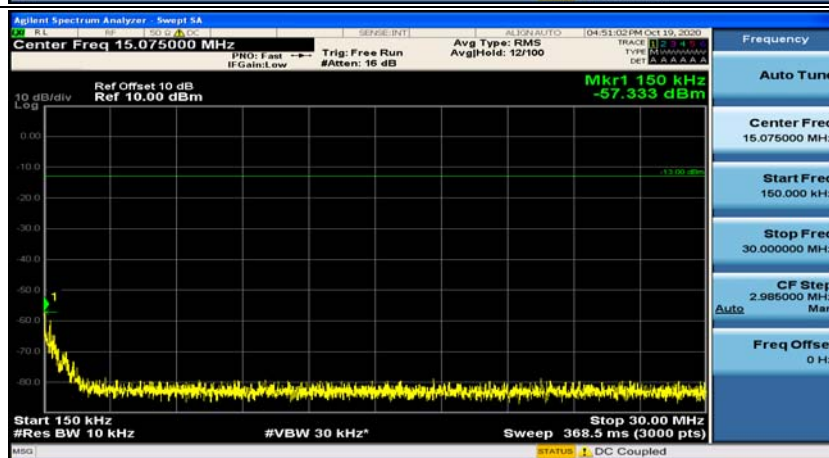
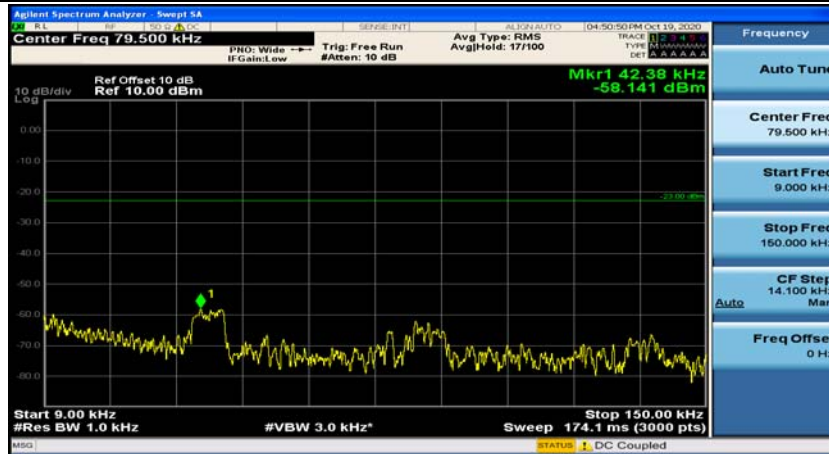


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

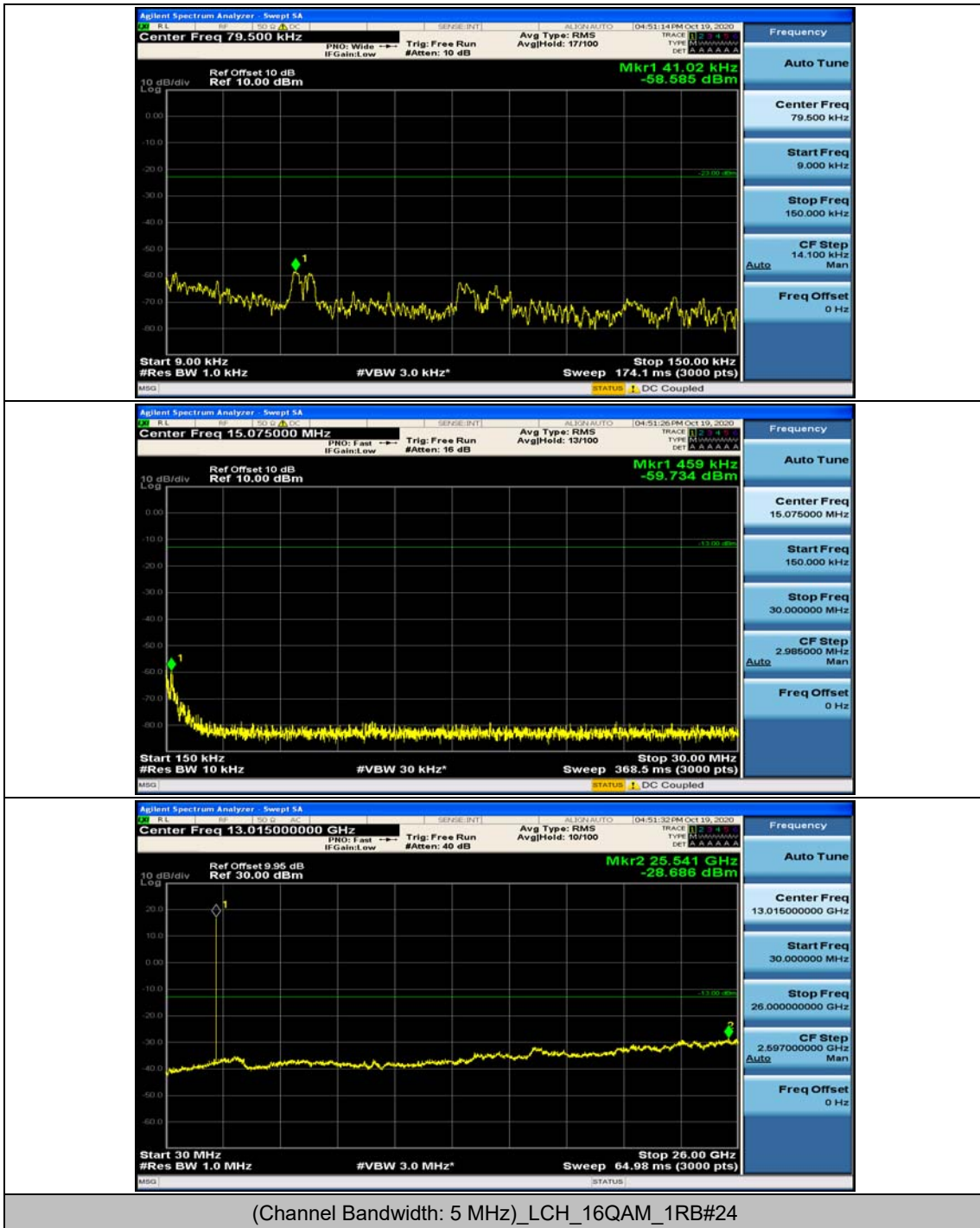


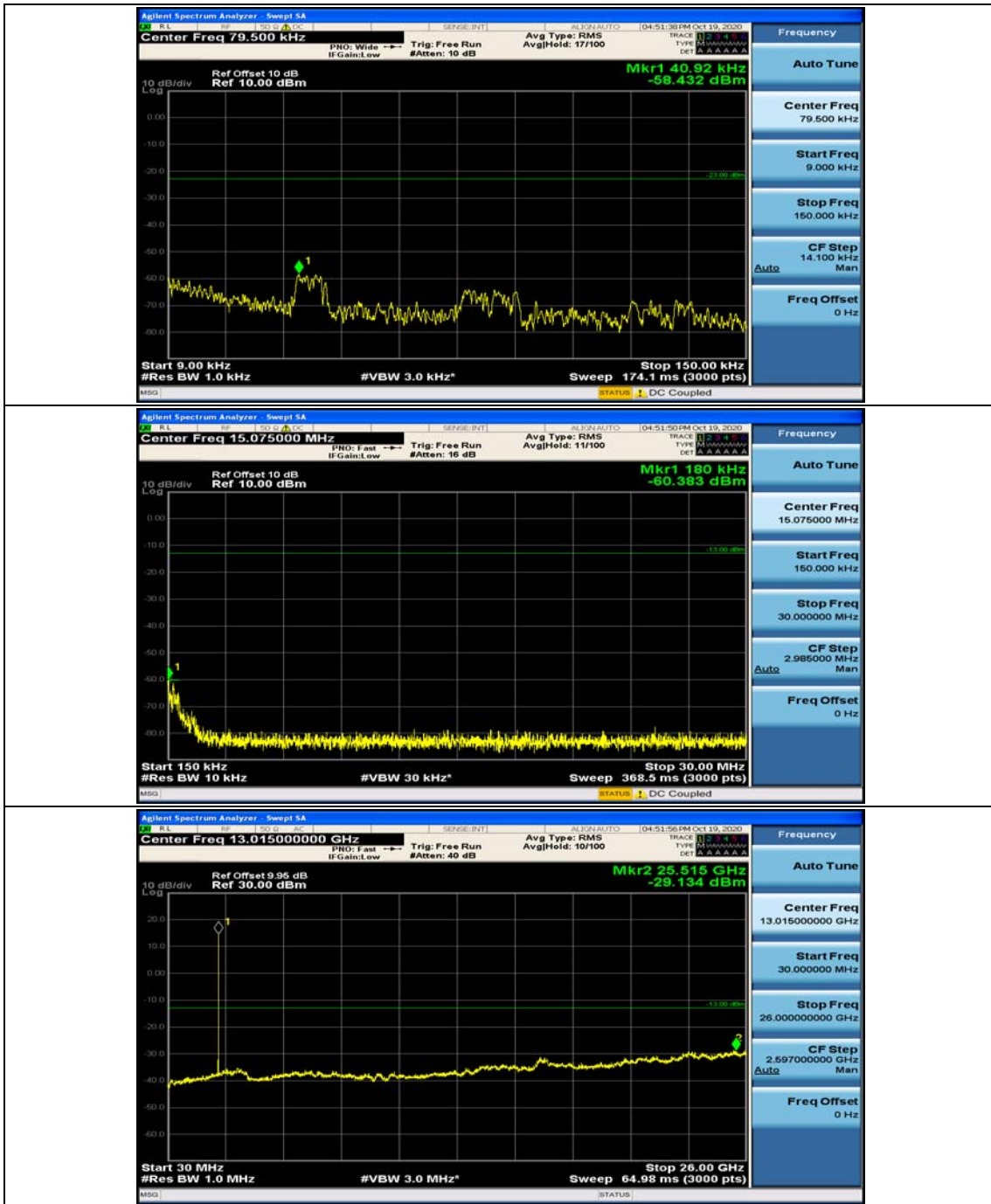


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

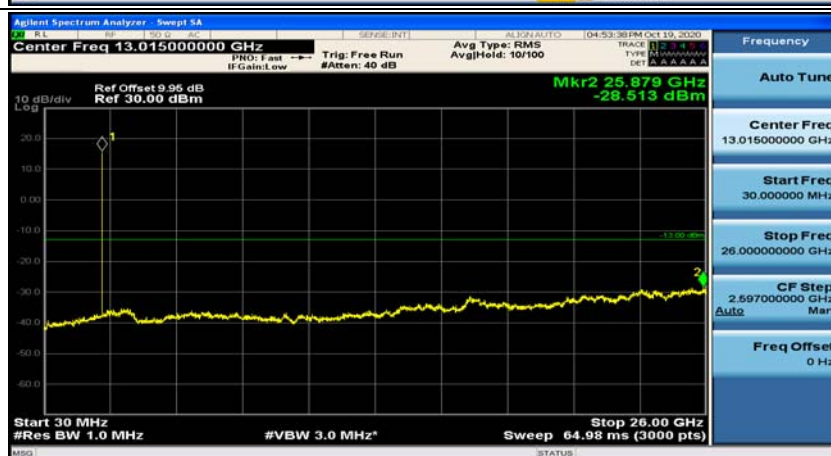
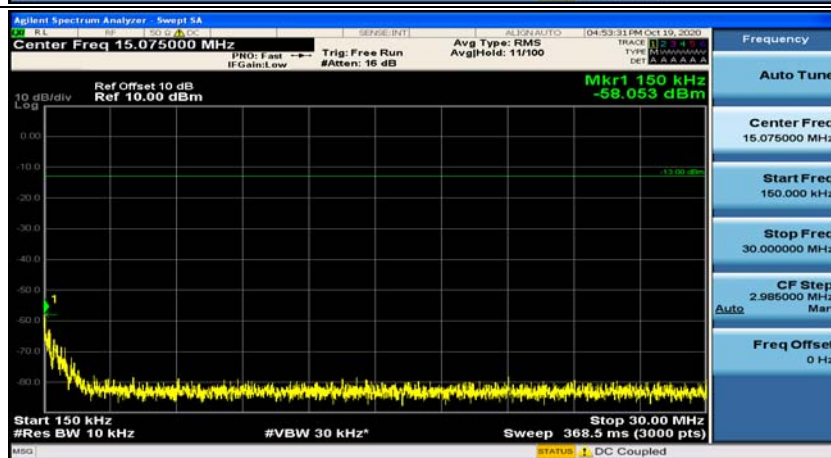
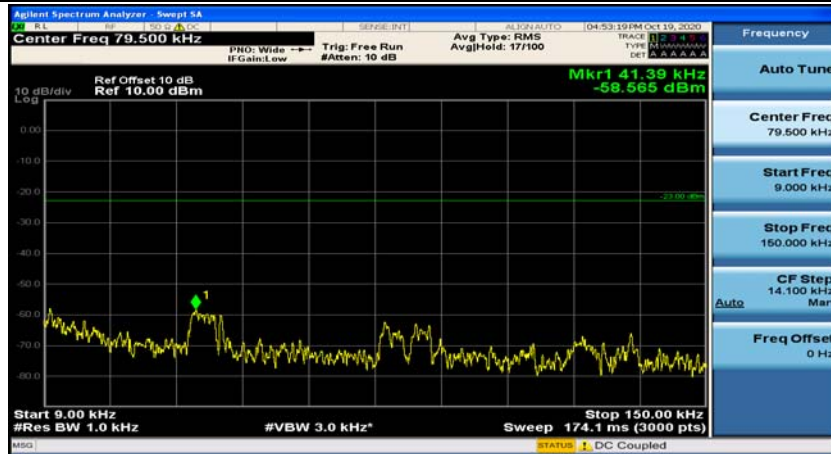


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12

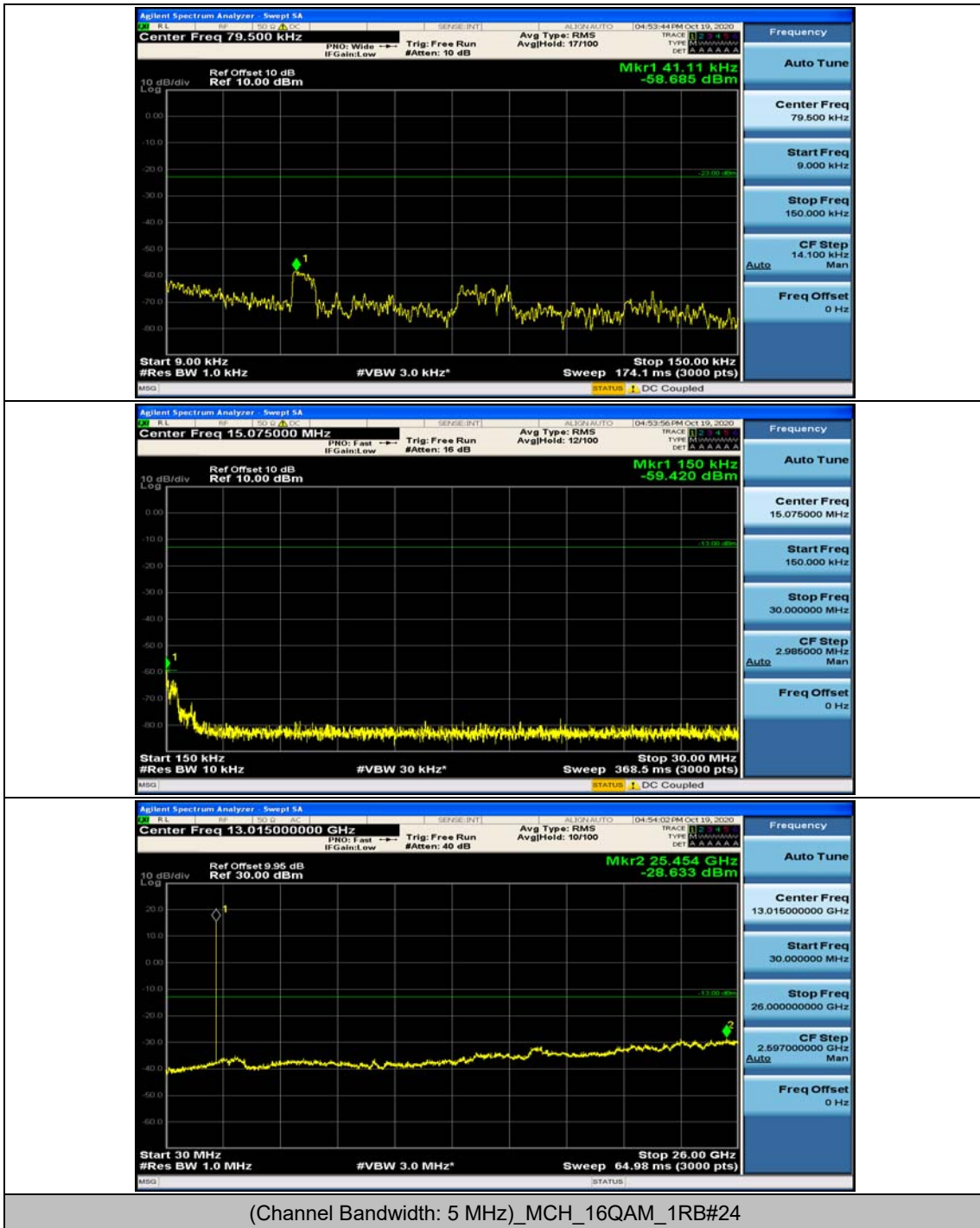


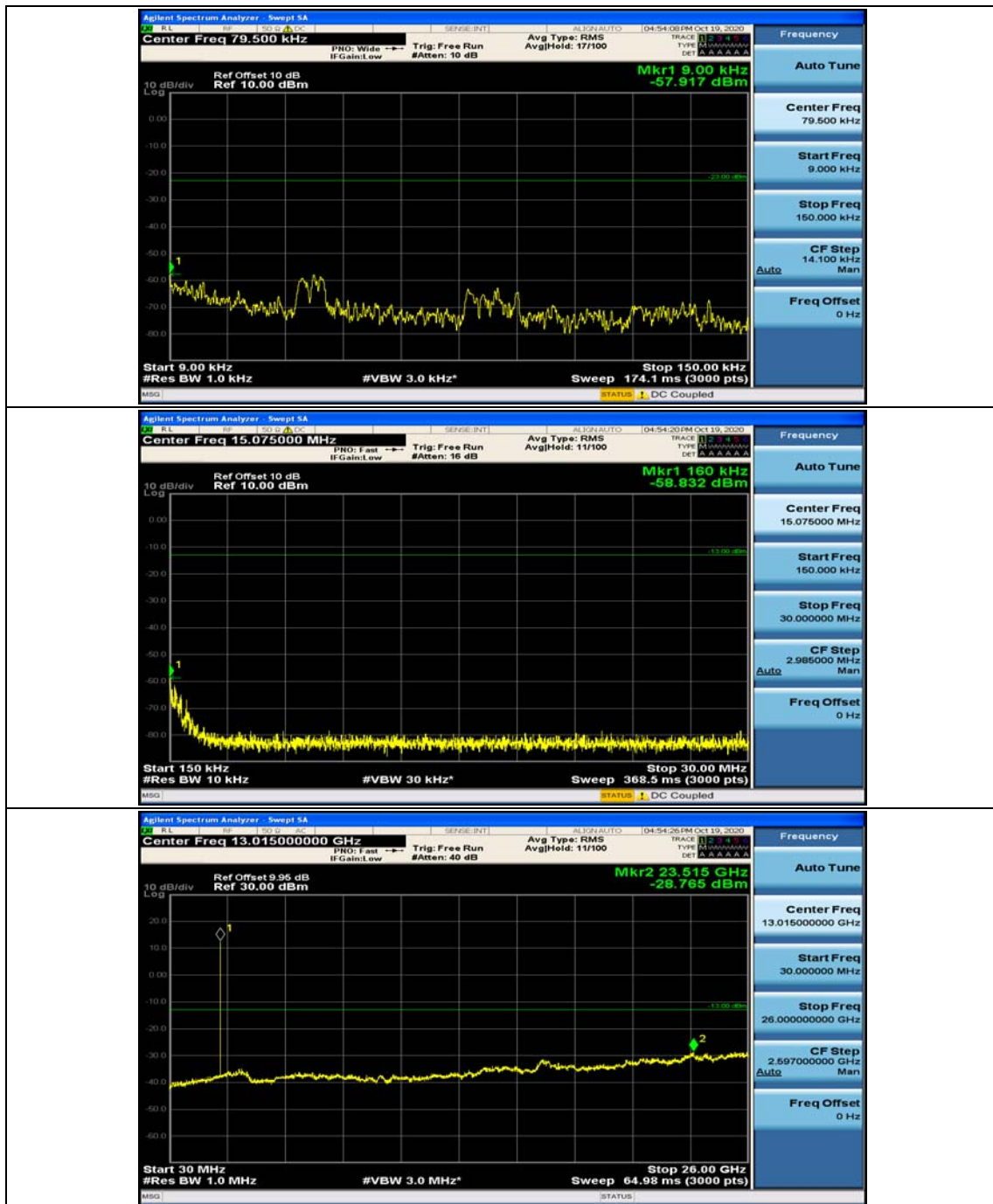


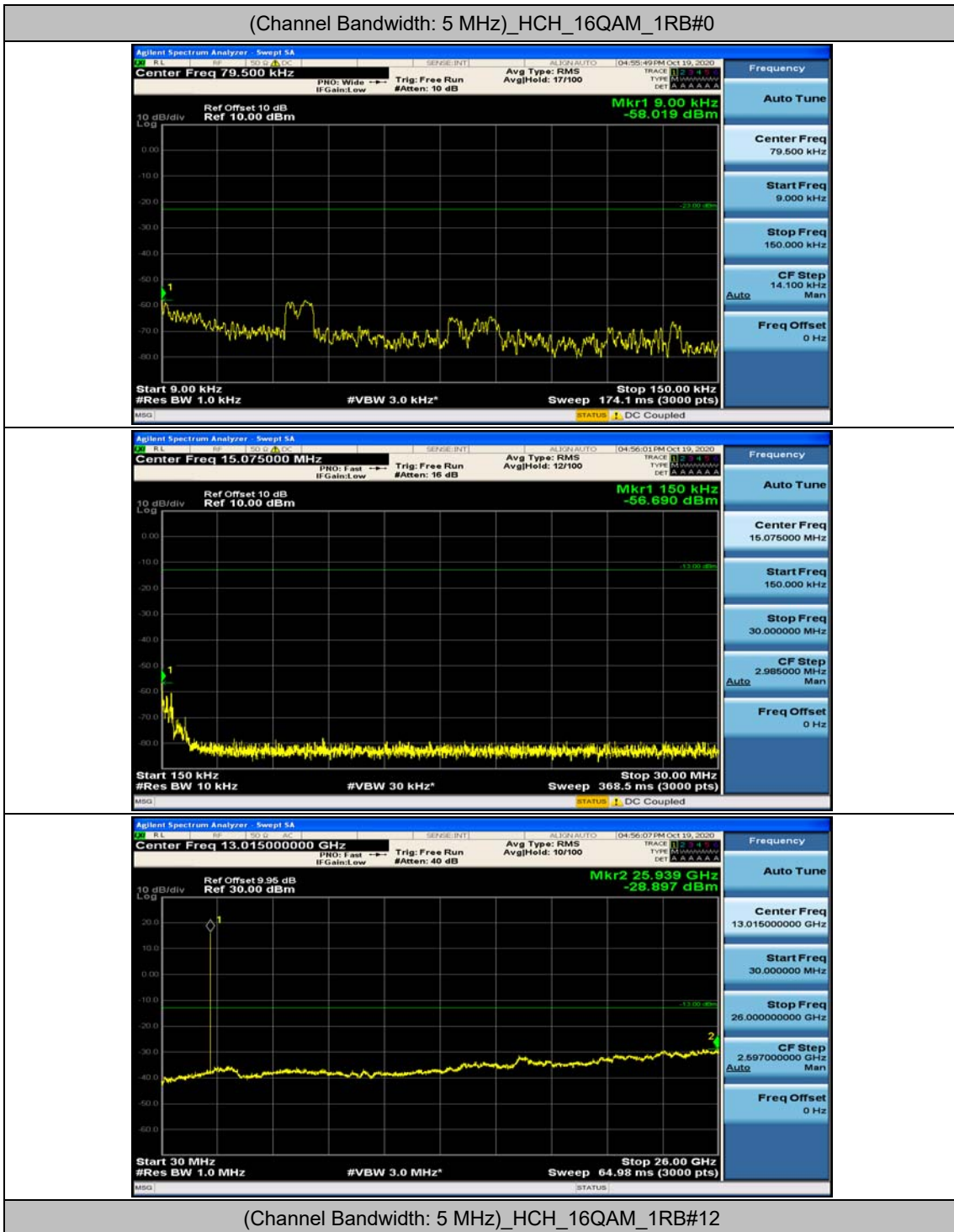
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

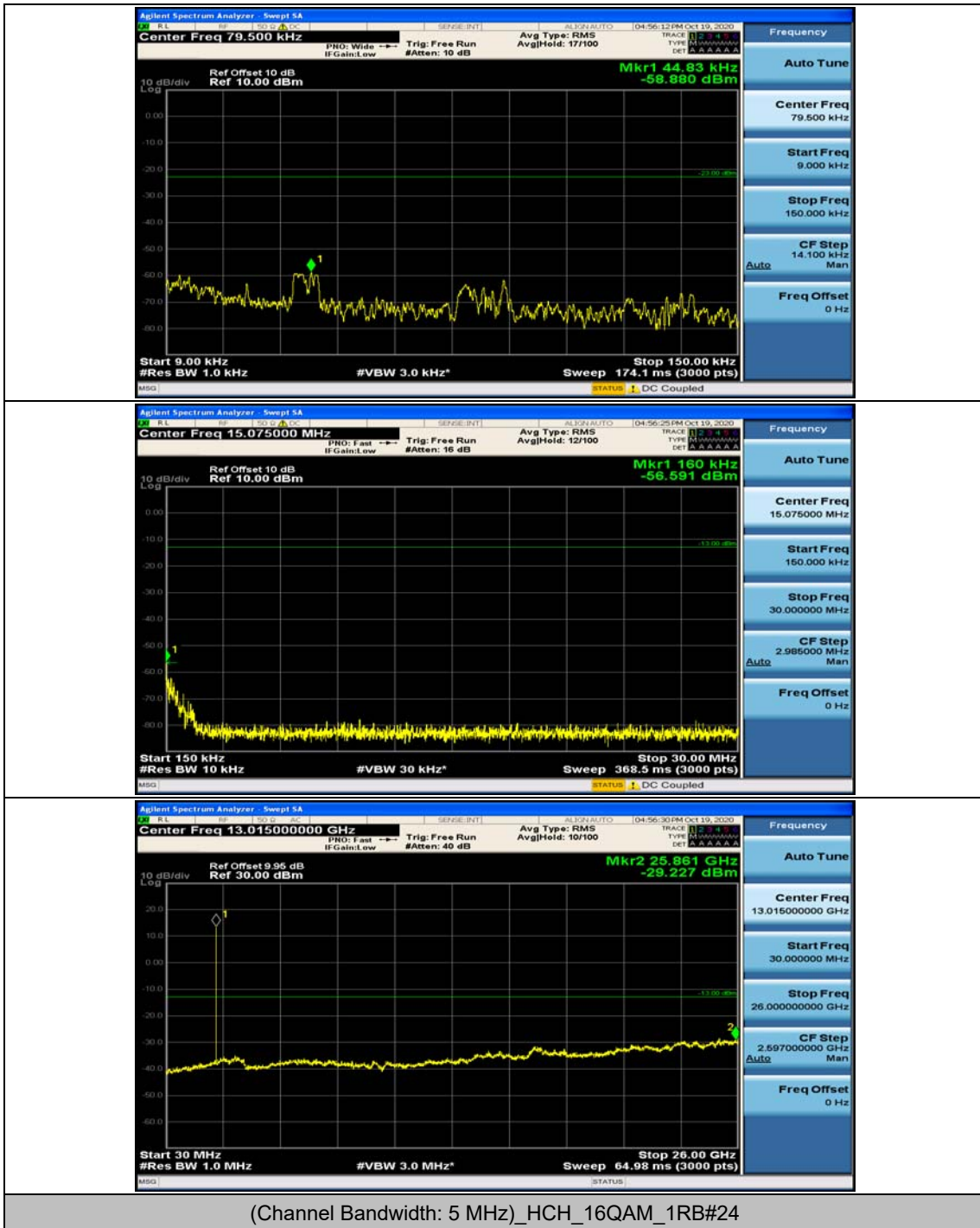


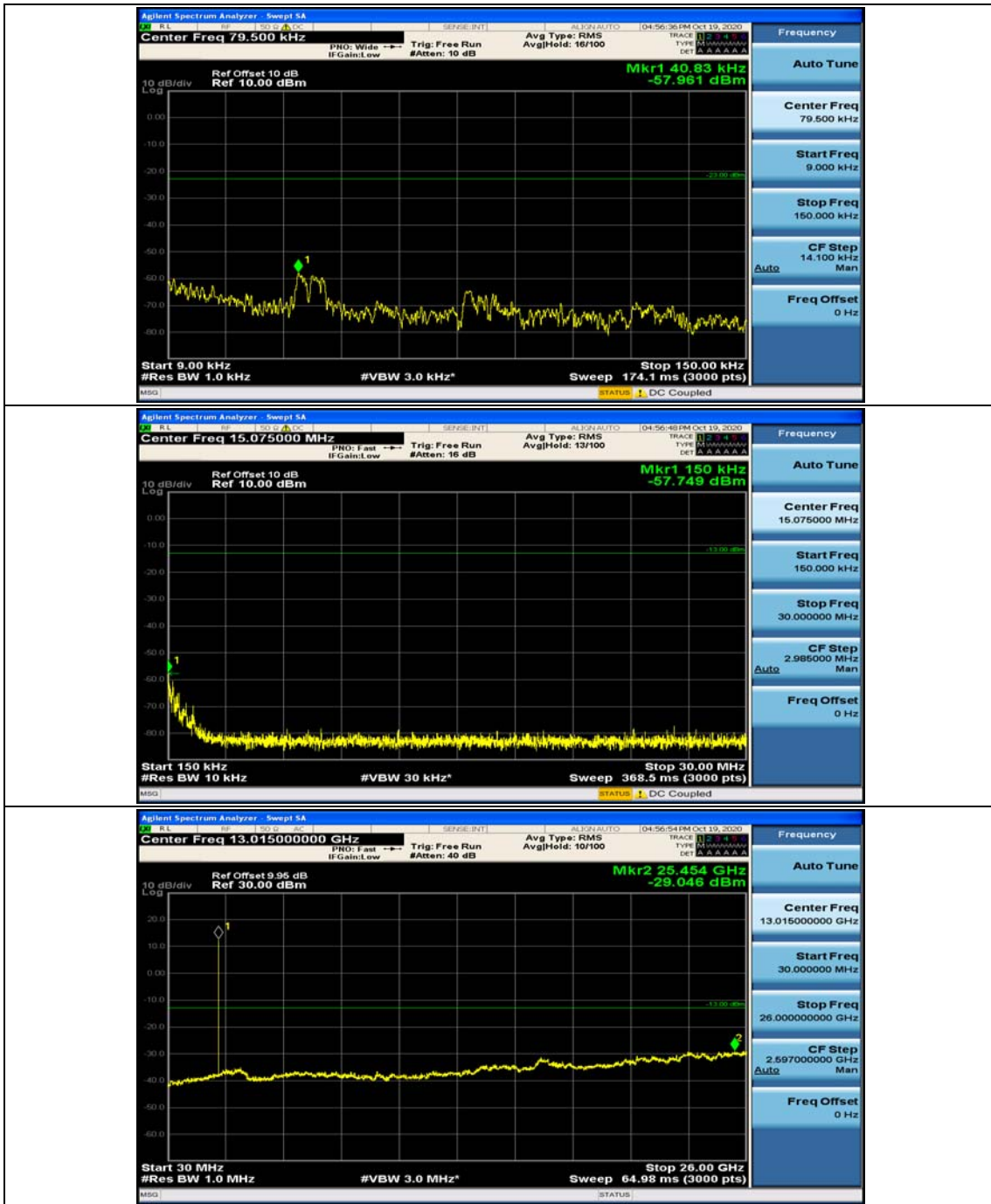
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12

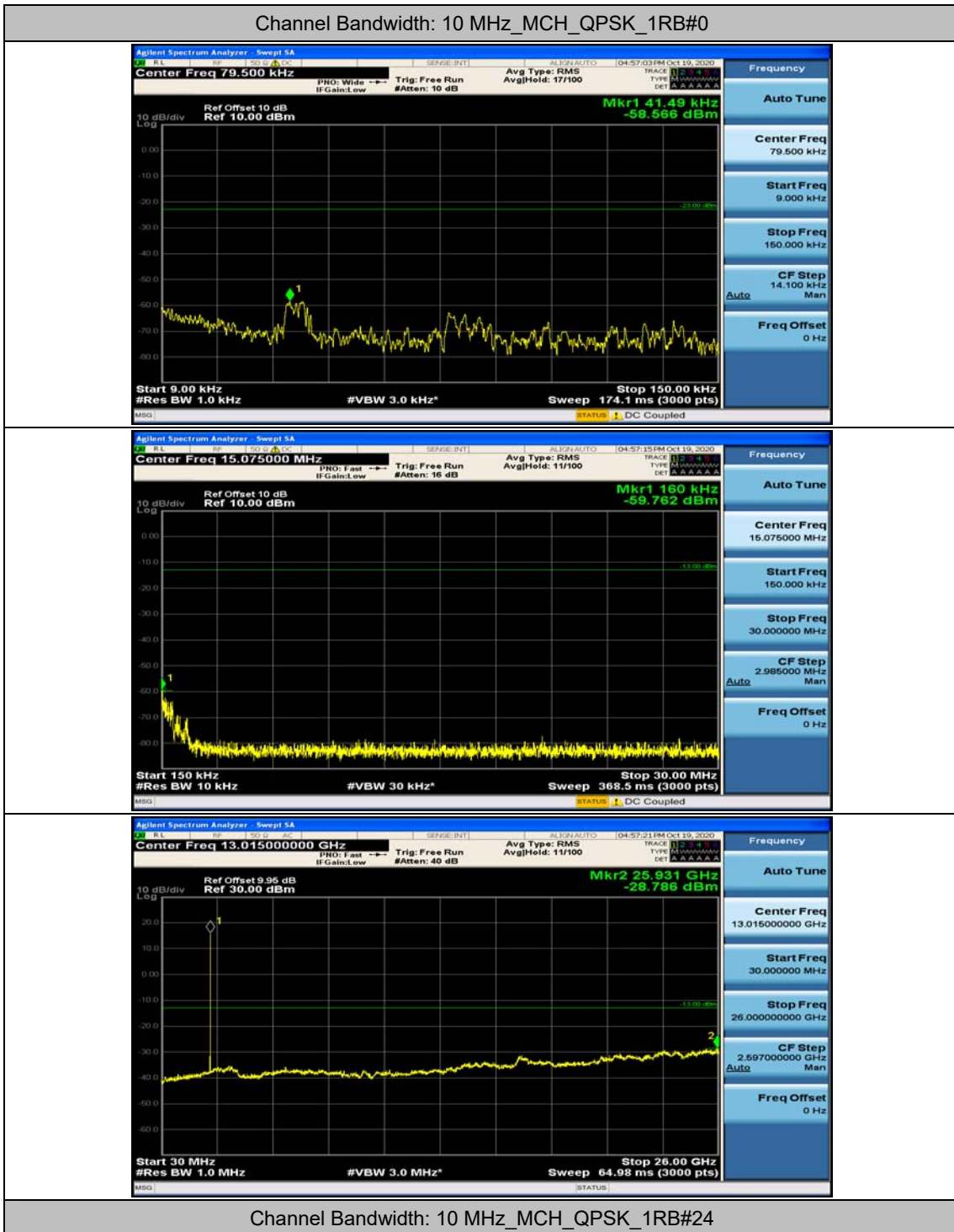


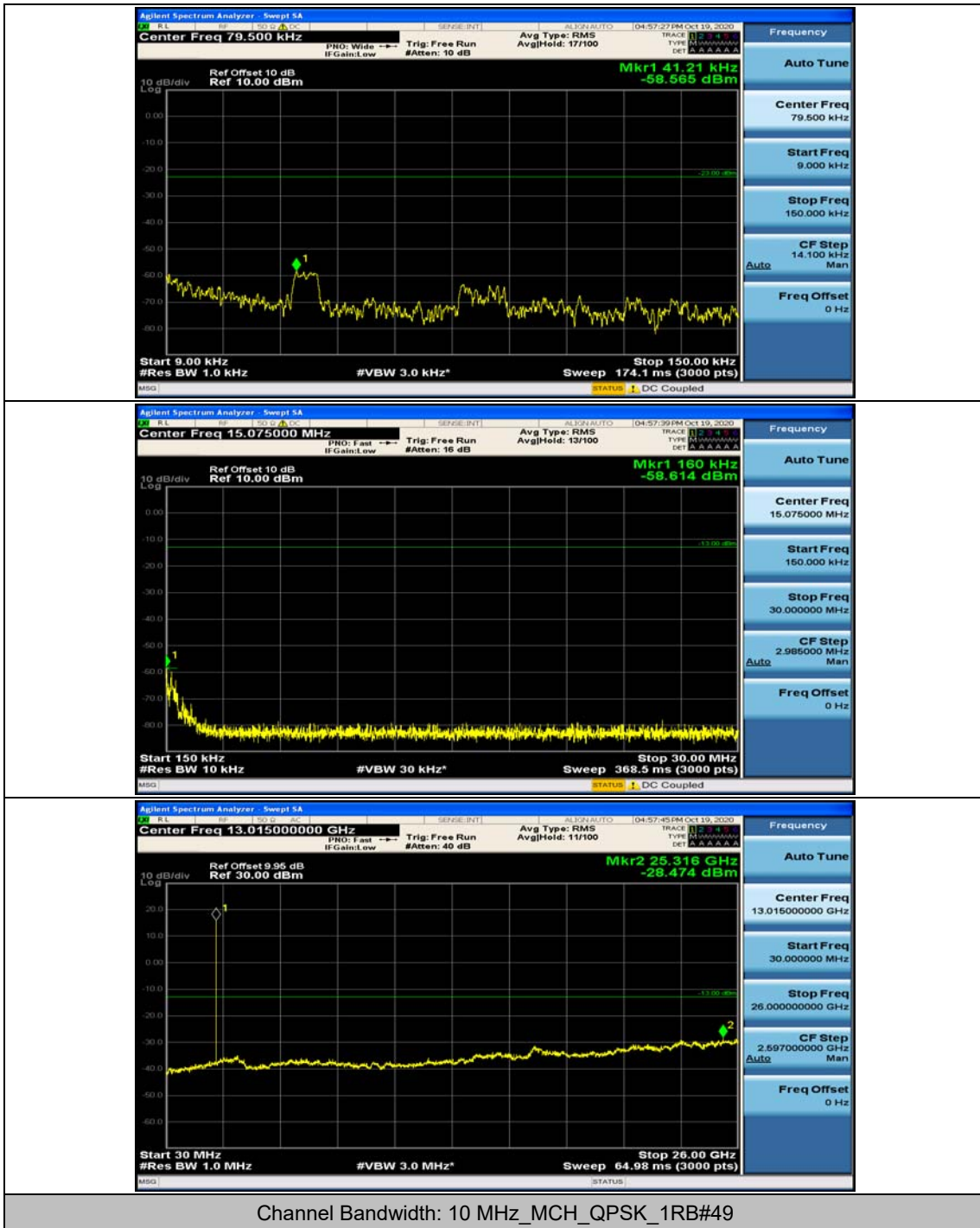


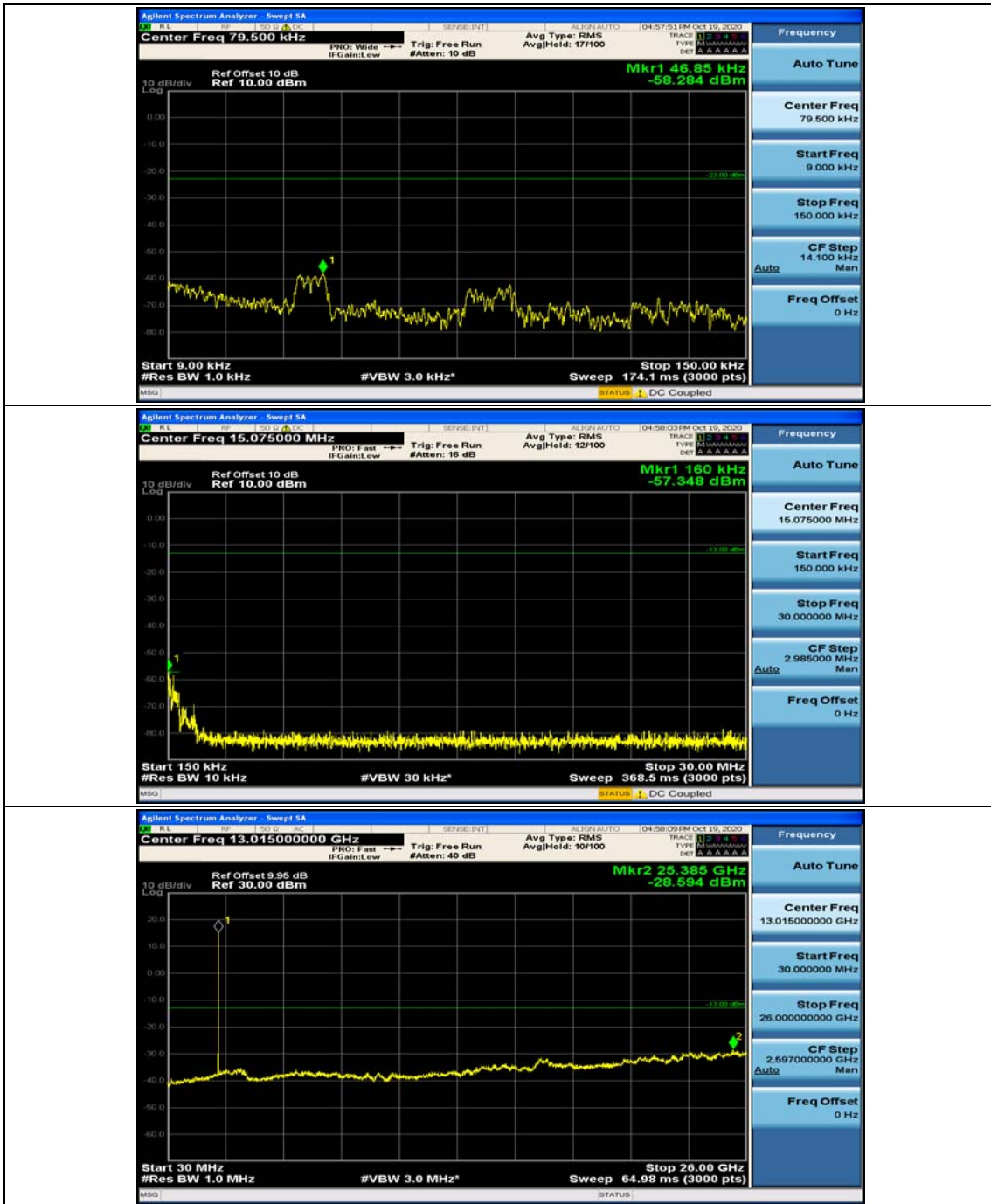


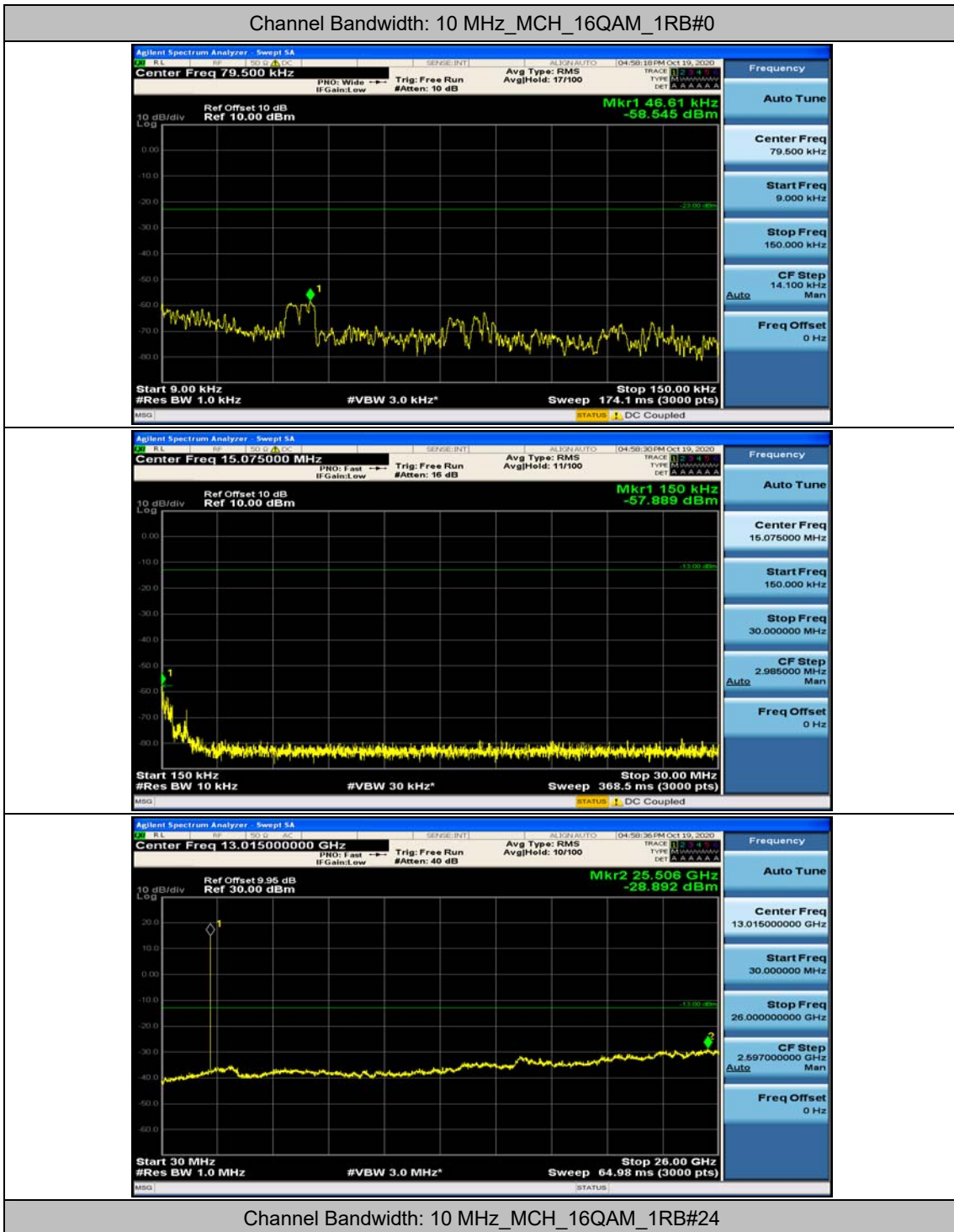


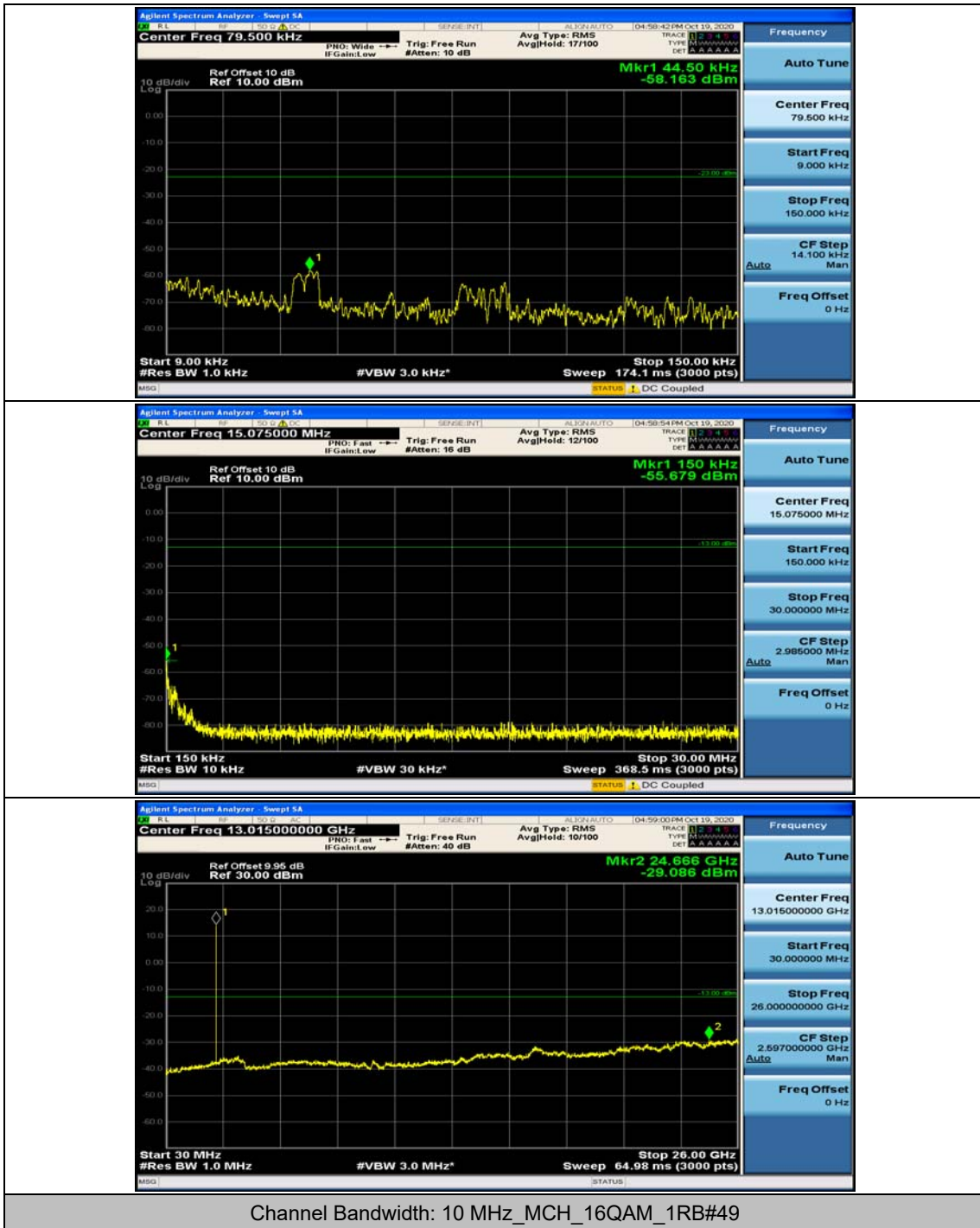


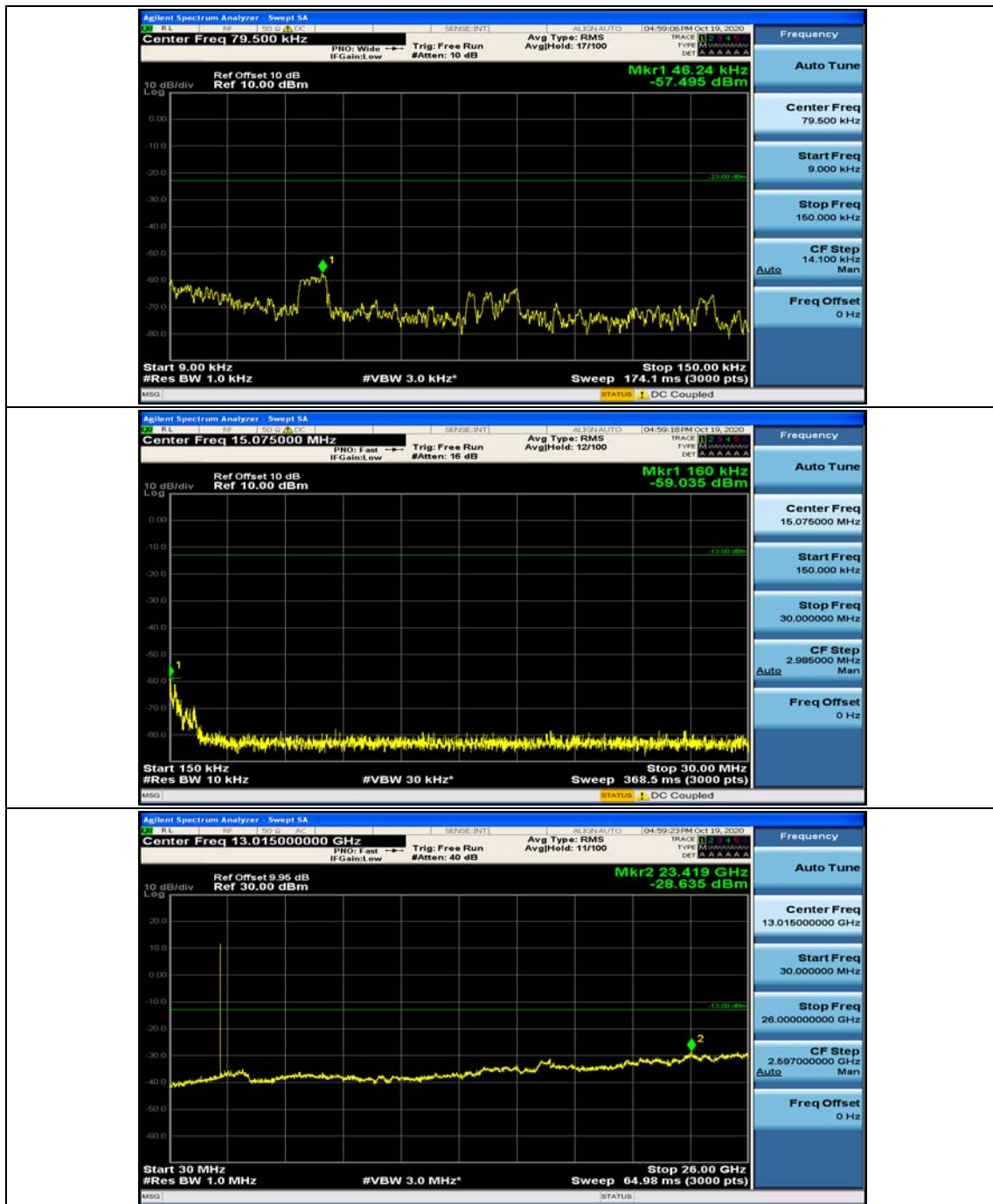












Appendix F: Frequency Stability

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	4.49	0.001946	± 2.5	PASS
		VN	TN	3.33	0.001443	± 2.5	PASS
		VH	TN	-0.88	-0.000381	± 2.5	PASS
	MCH	VL	TN	-1.21	-0.000524	± 2.5	PASS
		VN	TN	-0.47	-0.000203	± 2.5	PASS
		VH	TN	0.61	0.000264	± 2.5	PASS
	HCH	VL	TN	-0.2	-0.000086	± 2.5	PASS
		VN	TN	3.39	0.001466	± 2.5	PASS
		VH	TN	4.65	0.002011	± 2.5	PASS
16QAM	LCH	VL	TN	3.05	0.001322	± 2.5	PASS
		VN	TN	-0.78	-0.000338	± 2.5	PASS
		VH	TN	0.41	0.000178	± 2.5	PASS
	MCH	VL	TN	2.55	0.001104	± 2.5	PASS
		VN	TN	-1.73	-0.000749	± 2.5	PASS
		VH	TN	4.69	0.002030	± 2.5	PASS
	HCH	VL	TN	4.7	0.002032	± 2.5	PASS
		VN	TN	0.12	0.000052	± 2.5	PASS
		VH	TN	1.57	0.000679	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-0.28	-0.000121	± 2.5	PASS
		VN	-20	3.72	0.001612	± 2.5	PASS
		VN	-10	2.94	0.001274	± 2.5	PASS
		VN	0	2.14	0.000927	± 2.5	PASS
		VN	10	1.92	0.000832	± 2.5	PASS
		VN	20	0.37	0.000160	± 2.5	PASS
		VN	30	2.4	0.001040	± 2.5	PASS
		VN	40	3.9	0.001690	± 2.5	PASS
		VN	50	4.1	0.001777	± 2.5	PASS

	MCH	VN	-30	1.1	0.000476	± 2.5	PASS
		VN	-20	3.58	0.001550	± 2.5	PASS
		VN	-10	3.87	0.001675	± 2.5	PASS
		VN	0	1.65	0.000714	± 2.5	PASS
		VN	10	4.71	0.002039	± 2.5	PASS
		VN	20	1.66	0.000719	± 2.5	PASS
		VN	30	1.2	0.000519	± 2.5	PASS
		VN	40	1.77	0.000766	± 2.5	PASS
		VN	50	3.07	0.001329	± 2.5	PASS
	HCH	VN	-30	1.94	0.000839	± 2.5	PASS
		VN	-20	3.61	0.001561	± 2.5	PASS
		VN	-10	3.82	0.001652	± 2.5	PASS
		VN	0	-0.16	-0.000069	± 2.5	PASS
		VN	10	-0.4	-0.000173	± 2.5	PASS
		VN	20	3.08	0.001332	± 2.5	PASS
		VN	30	1.82	0.000787	± 2.5	PASS
		VN	40	1.04	0.000450	± 2.5	PASS
		VN	50	0.73	0.000316	± 2.5	PASS
16QAM	LCH	VN	-30	-1.18	-0.000511	± 2.5	PASS
		VN	-20	4.74	0.002054	± 2.5	PASS
		VN	-10	-0.12	-0.000052	± 2.5	PASS
		VN	0	1.57	0.000680	± 2.5	PASS
		VN	10	3.92	0.001699	± 2.5	PASS
		VN	20	-0.27	-0.000117	± 2.5	PASS
		VN	30	4.77	0.002067	± 2.5	PASS
		VN	40	-0.28	-0.000121	± 2.5	PASS
		VN	50	2.79	0.001209	± 2.5	PASS
	MCH	VN	-30	-0.56	-0.000242	± 2.5	PASS
		VN	-20	3.73	0.001613	± 2.5	PASS
		VN	-10	3.79	0.001639	± 2.5	PASS
		VN	0	-1.06	-0.000458	± 2.5	PASS
		VN	10	2.79	0.001206	± 2.5	PASS
		VN	20	4.64	0.002006	± 2.5	PASS
		VN	30	-0.3	-0.000130	± 2.5	PASS
		VN	40	3.9	0.001686	± 2.5	PASS
		VN	50	3.52	0.001522	± 2.5	PASS
	HCH	VN	-30	3.83	0.001656	± 2.5	PASS
		VN	-20	4.34	0.001877	± 2.5	PASS
		VN	-10	-1.33	-0.000575	± 2.5	PASS
		VN	0	3.79	0.001639	± 2.5	PASS
		VN	10	2.27	0.000982	± 2.5	PASS

		VN	20	2.27	0.000982	± 2.5	PASS
		VN	30	3.12	0.001349	± 2.5	PASS
		VN	40	0.27	0.000117	± 2.5	PASS
		VN	50	-0.13	-0.000056	± 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	-0.32	-0.000139	± 2.5	PASS
		VN	TN	1.1	0.000476	± 2.5	PASS
		VH	TN	-1.41	-0.000610	± 2.5	PASS
16QAM	MCH	VL	TN	1.69	0.000732	± 2.5	PASS
		VN	TN	4.52	0.001957	± 2.5	PASS
		VH	TN	1.15	0.000498	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	MCH	VN	-30	4.02	0.001740	± 2.5	PASS
		VN	-20	0.87	0.000377	± 2.5	PASS
		VN	-10	0.02	0.000009	± 2.5	PASS
		VN	0	-0.71	-0.000307	± 2.5	PASS
		VN	10	3.79	0.001641	± 2.5	PASS
		VN	20	3.09	0.001338	± 2.5	PASS
		VN	30	4.59	0.001987	± 2.5	PASS
		VN	40	3.1	0.001342	± 2.5	PASS
		VN	50	-1.9	-0.000823	± 2.5	PASS
16QAM	MCH	VN	-30	3.57	0.001545	± 2.5	PASS
		VN	-20	0.41	0.000177	± 2.5	PASS
		VN	-10	3.07	0.001329	± 2.5	PASS
		VN	0	3.98	0.001723	± 2.5	PASS
		VN	10	-0.93	-0.000403	± 2.5	PASS
		VN	20	1.88	0.000814	± 2.5	PASS
		VN	30	3.25	0.001407	± 2.5	PASS
		VN	40	4.63	0.002004	± 2.5	PASS
		VN	50	-0.75	-0.000325	± 2.5	PASS