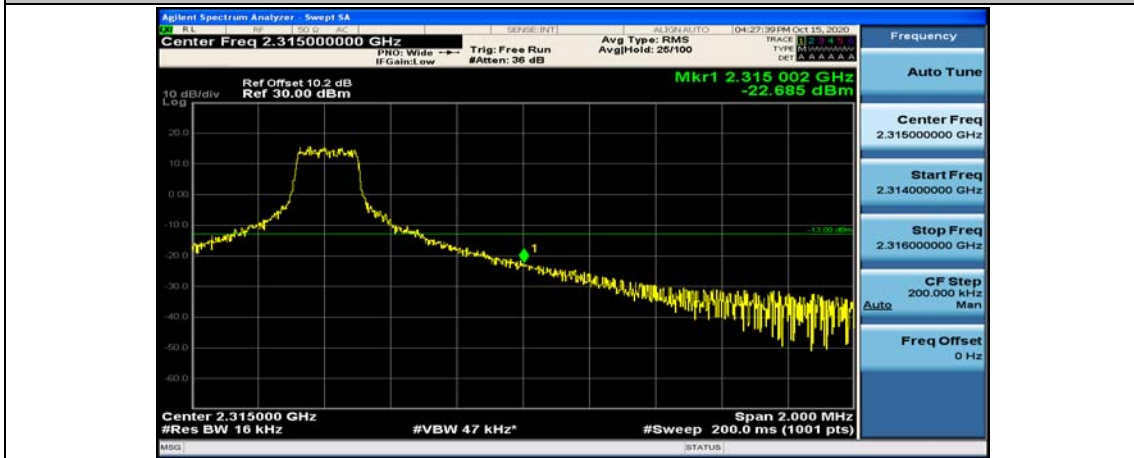


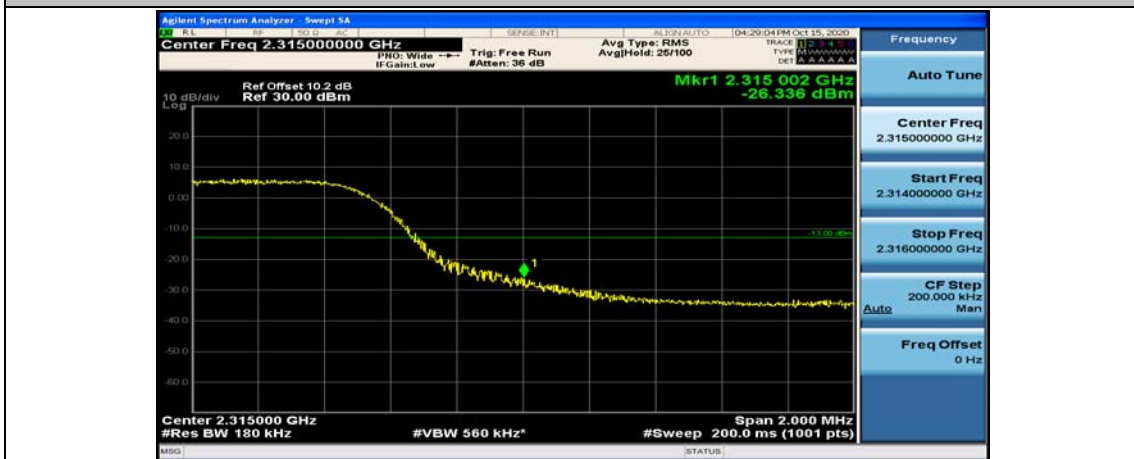
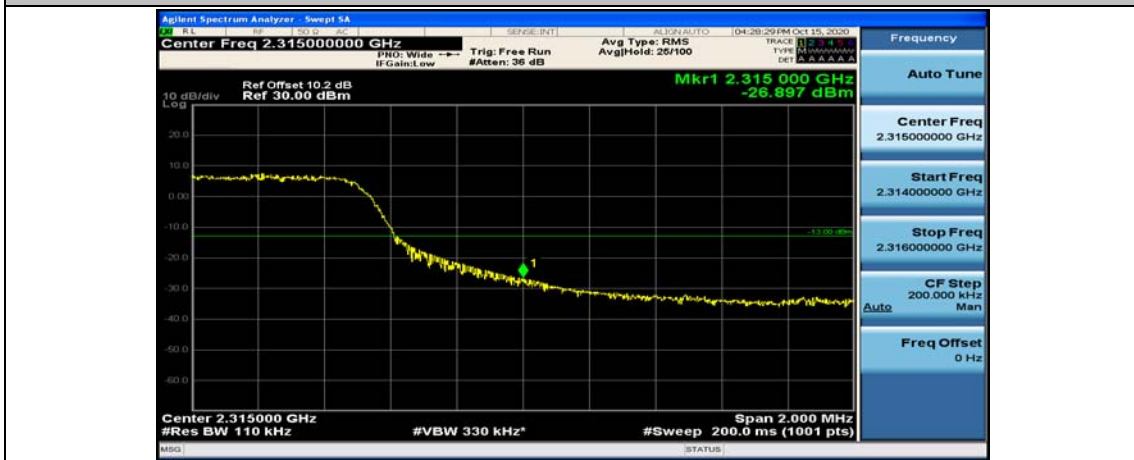
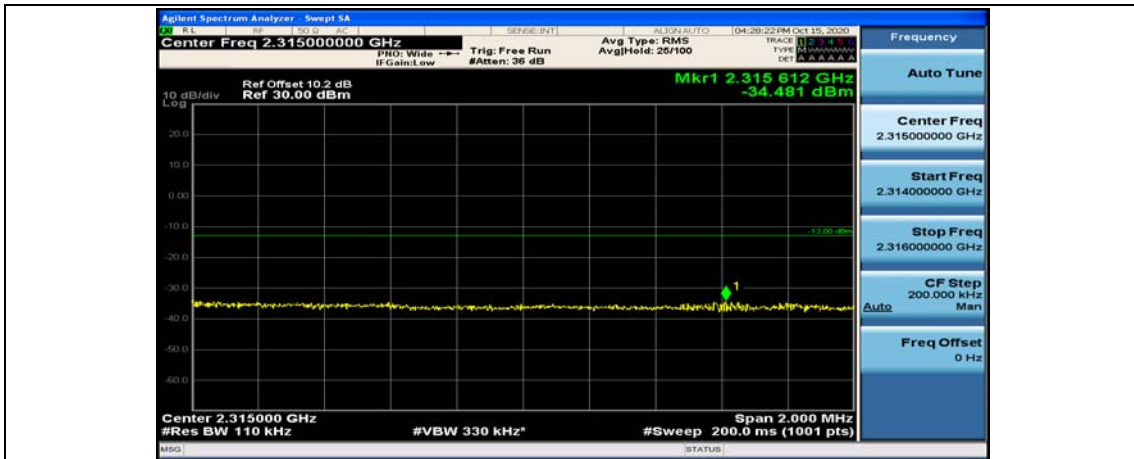
Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#49

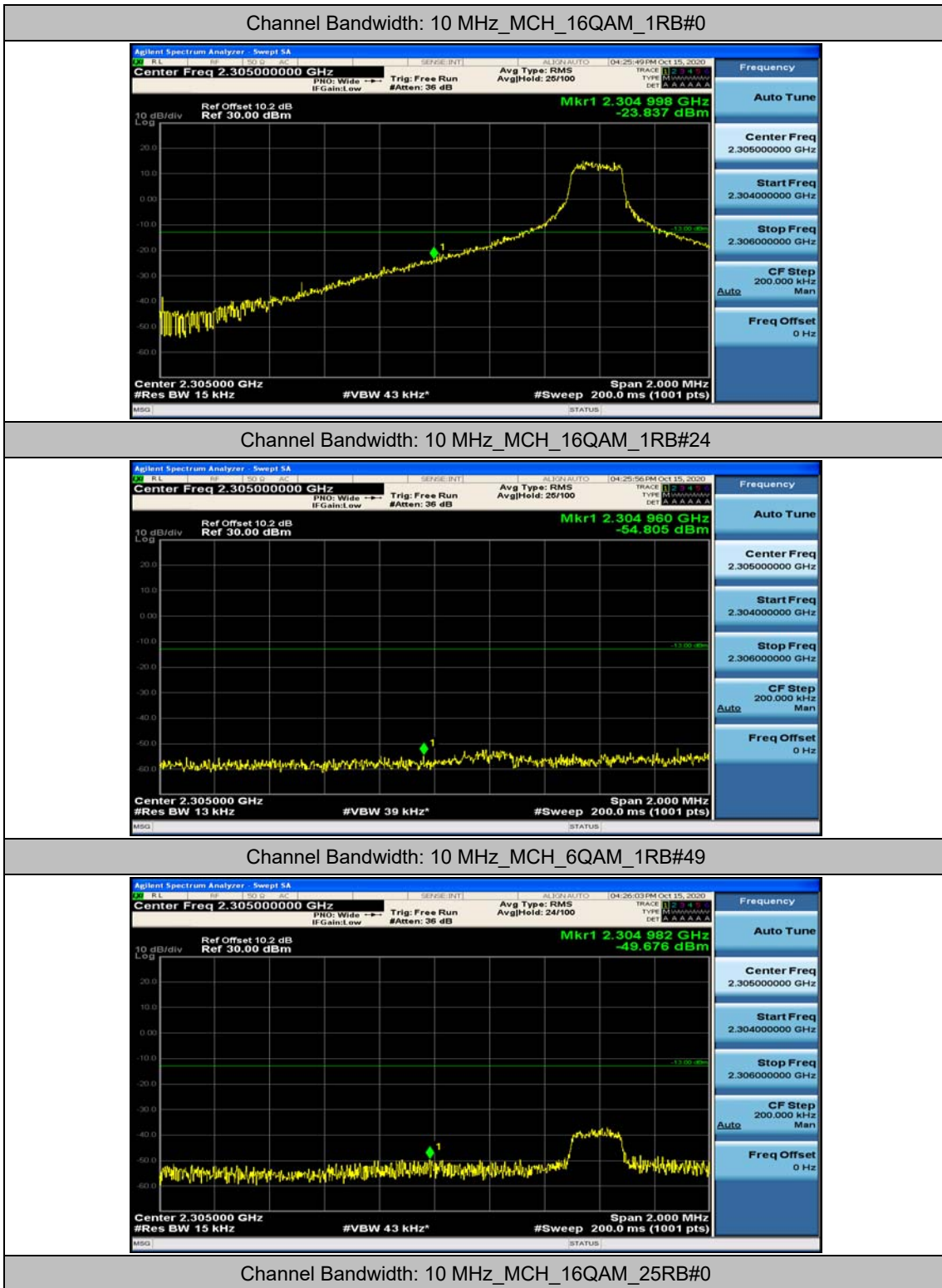


Channel Bandwidth: 10 MHz\_MCH\_QPSK\_25RB#0



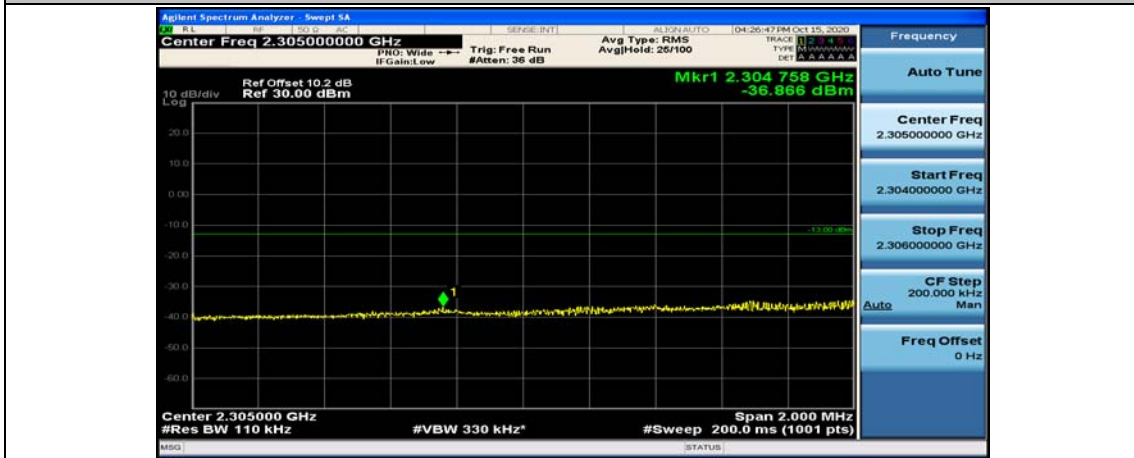
Channel Bandwidth: 10 MHz\_MCH\_QPSK\_25RB#12



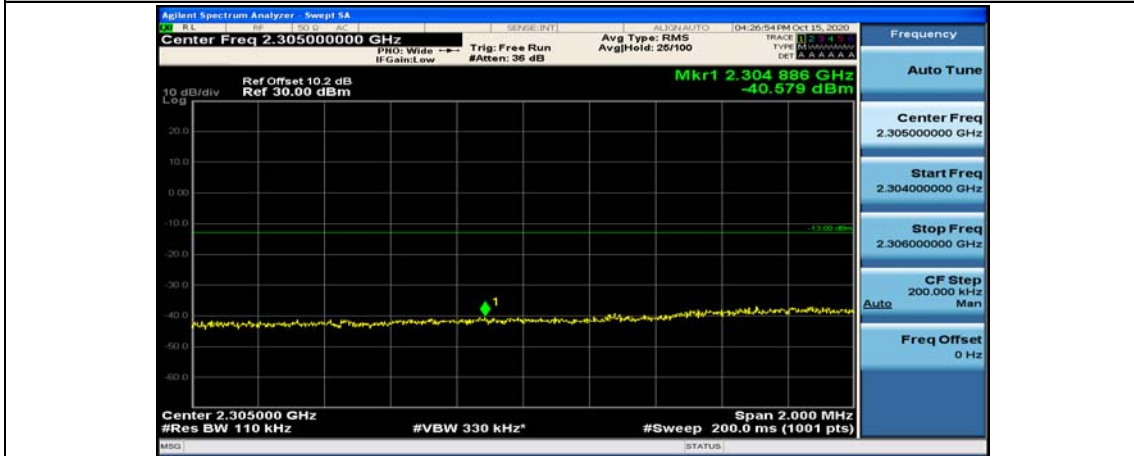




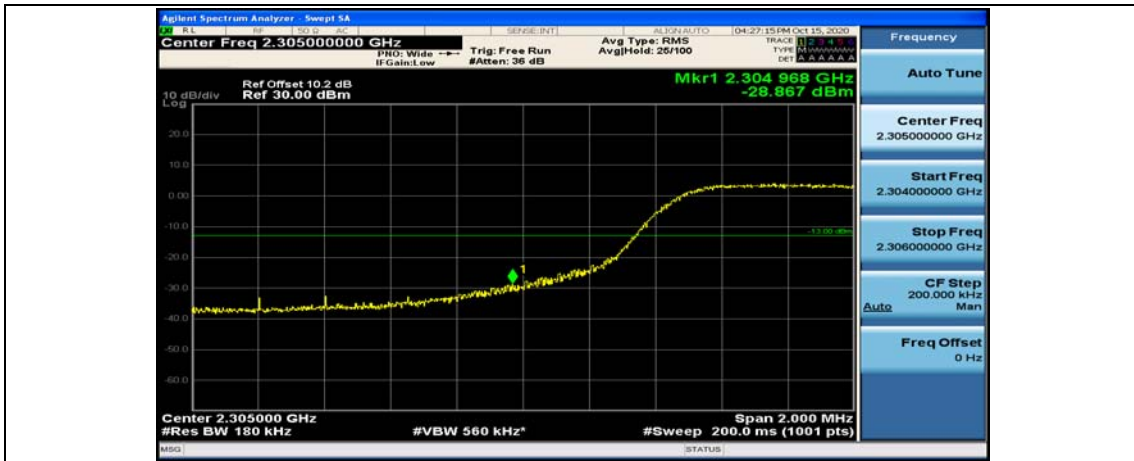
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_25RB#12



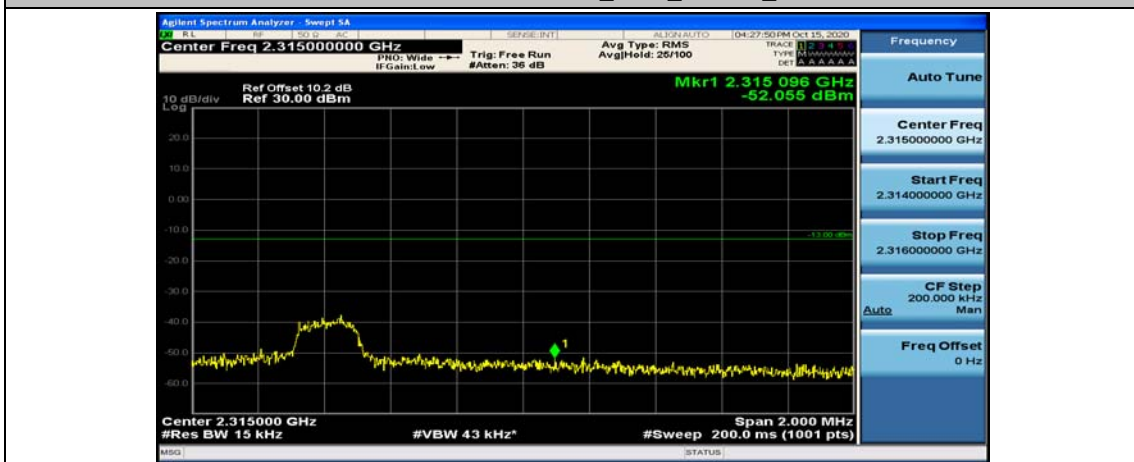
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_25RB#25



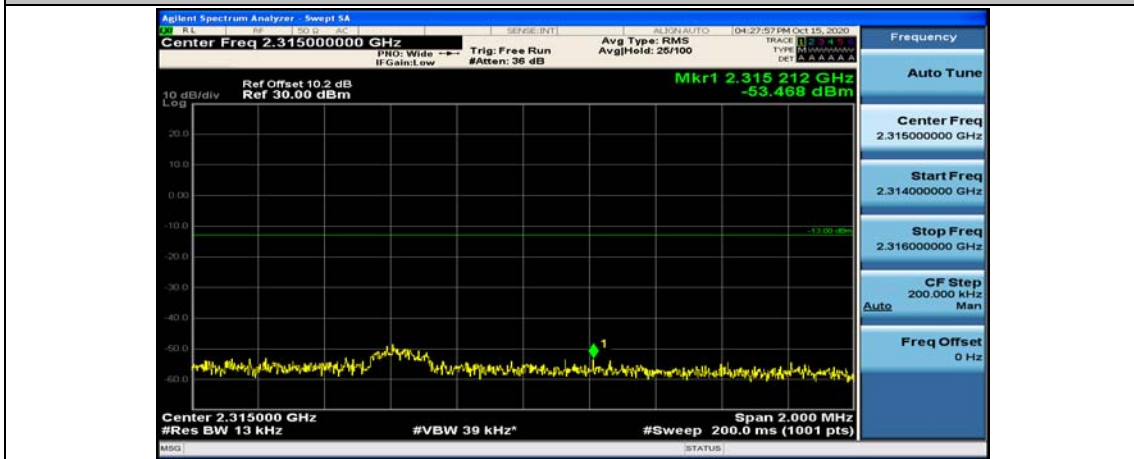
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_50RB#0



Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#0

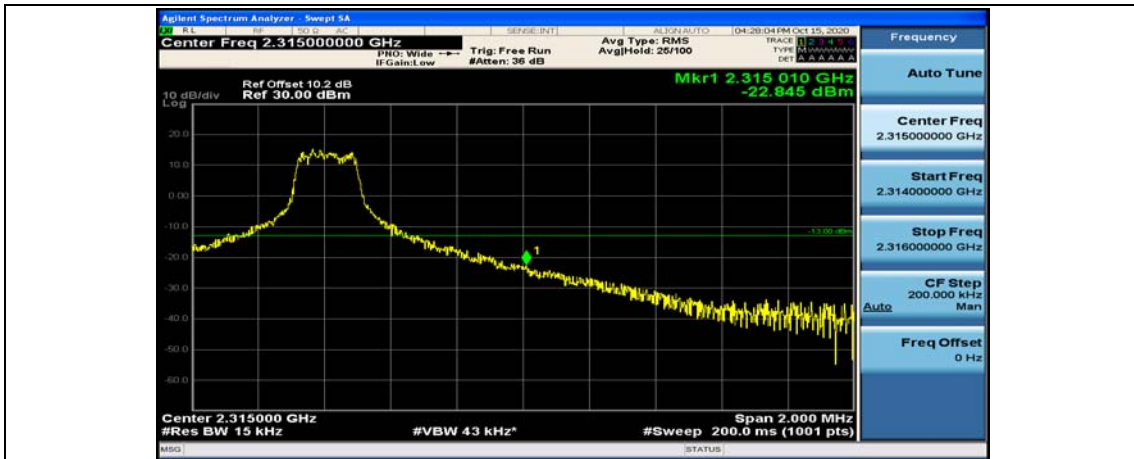


Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#24

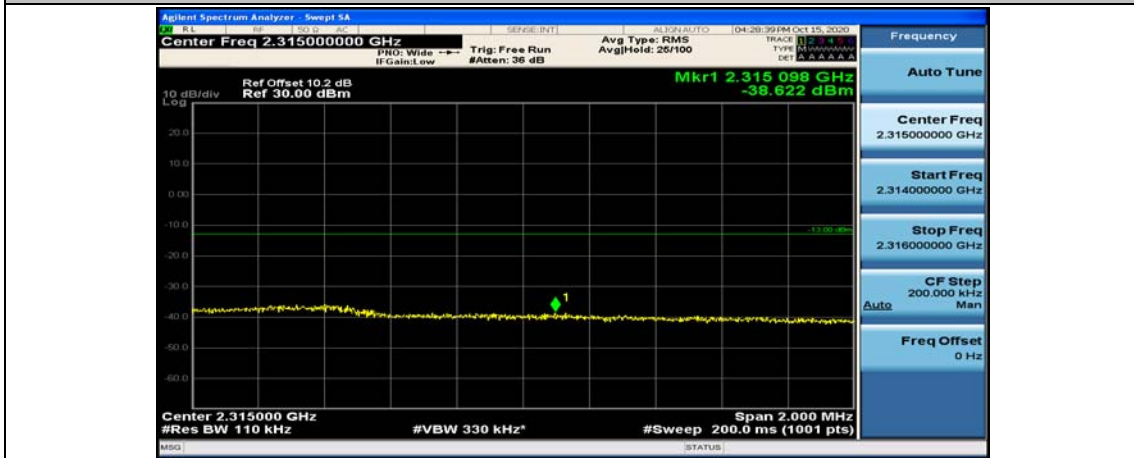


Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#49





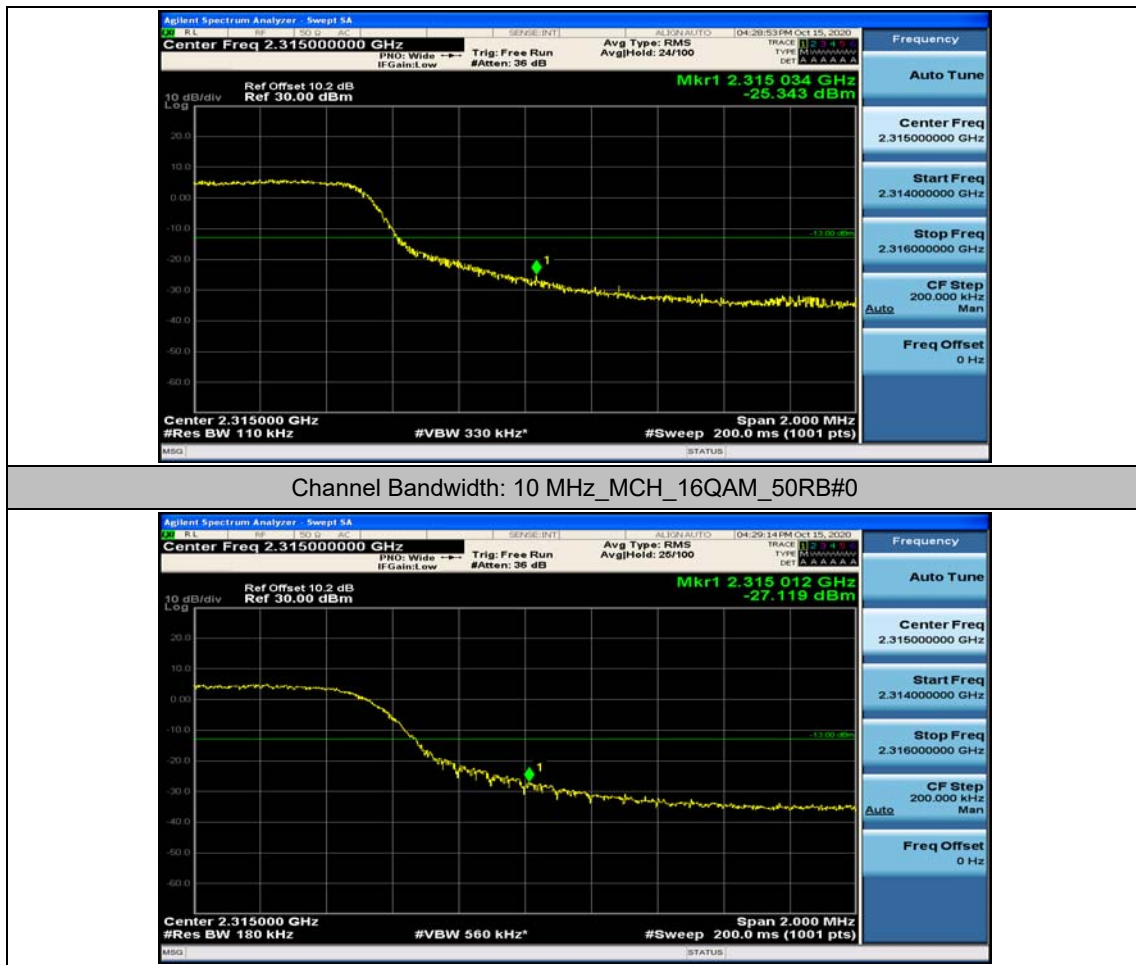
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_25RB#0



Channel Bandwidth: 10 MHz\_MCH\_16QAM\_25RB#12



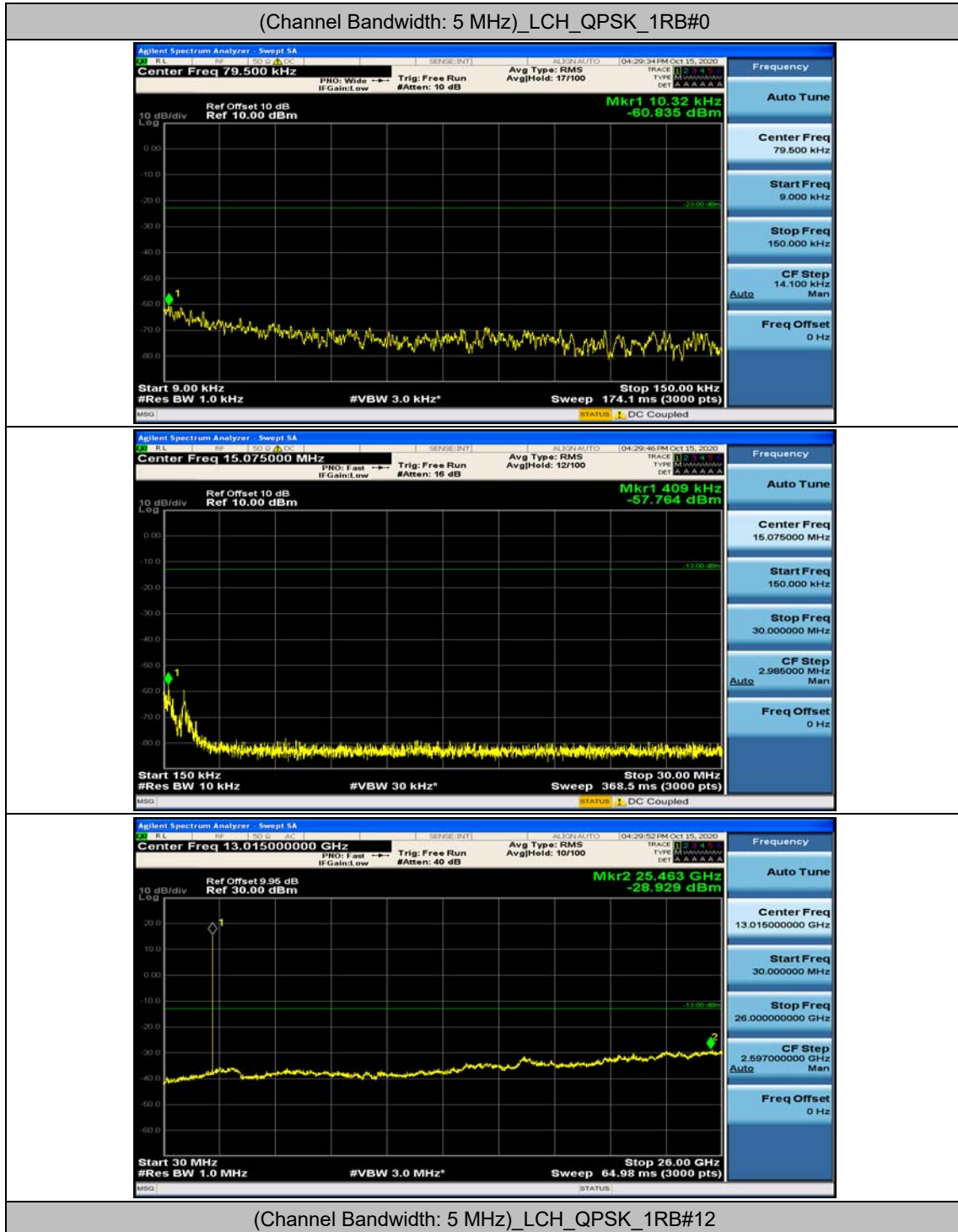
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_25RB#25



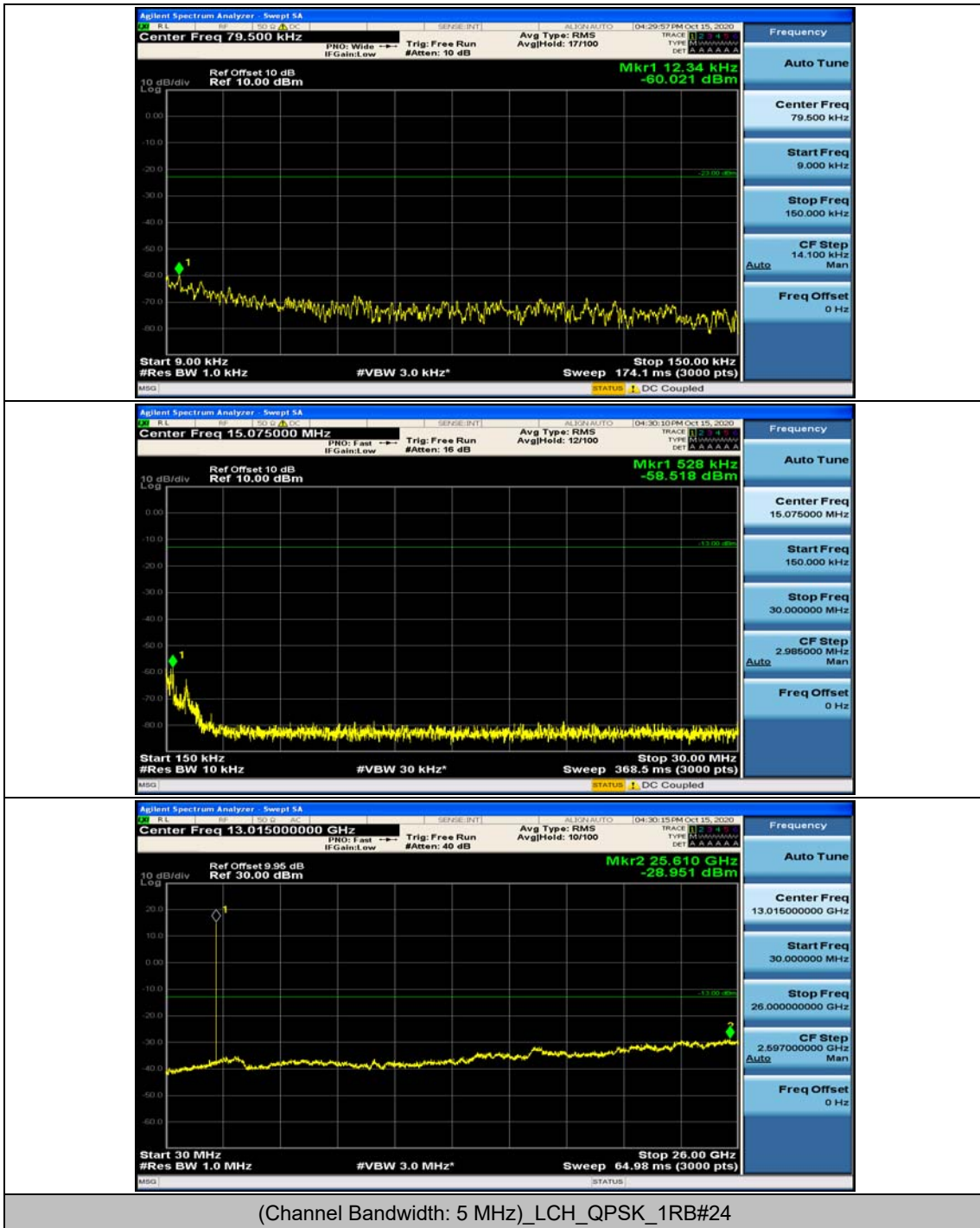
## Appendix E: Conducted Spurious Emission

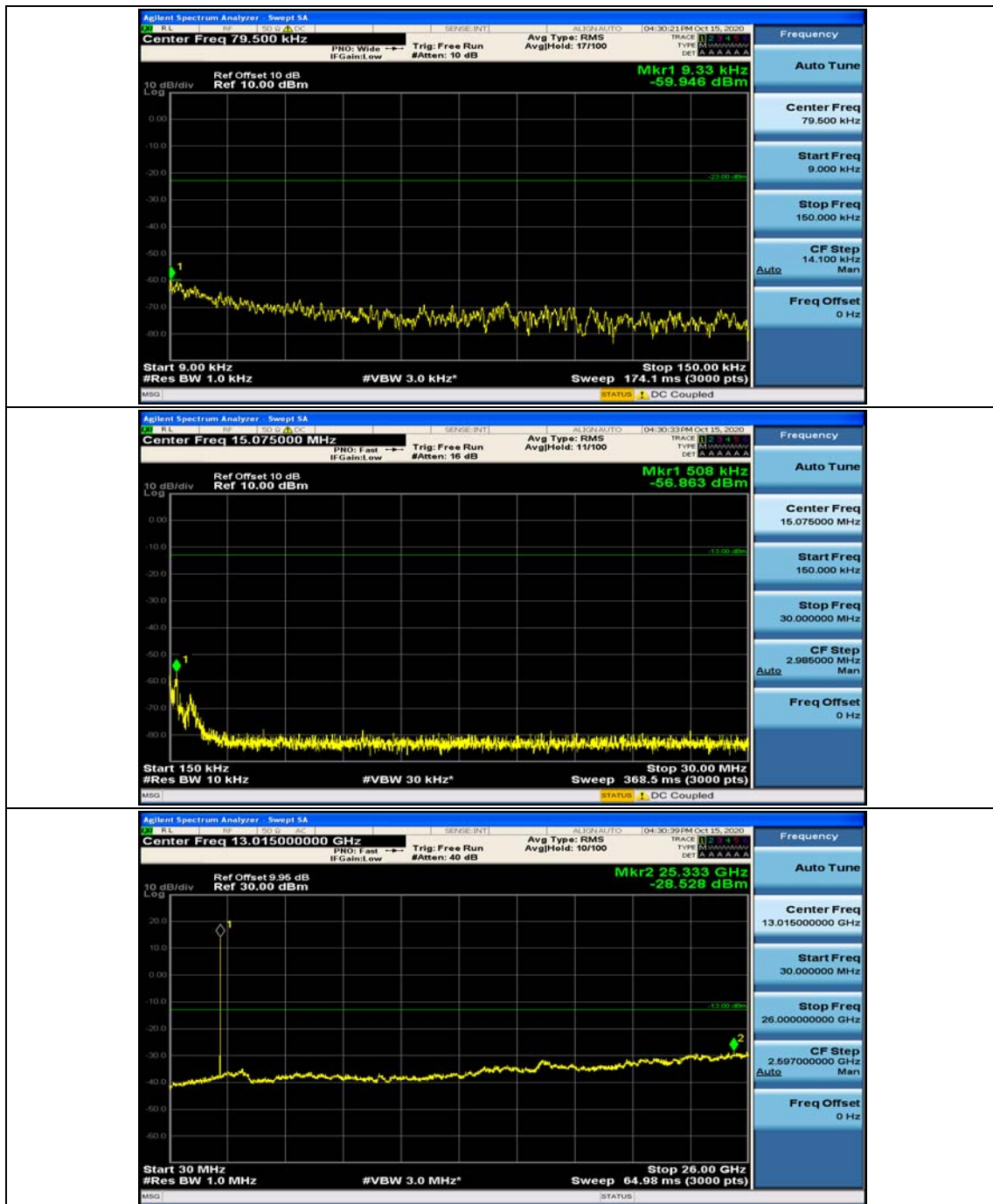
### Test Graphs

Channel Bandwidth: 5 MHz

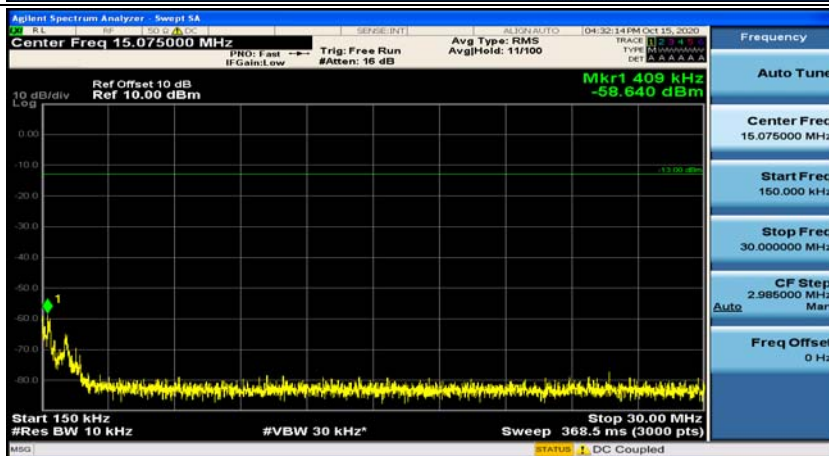
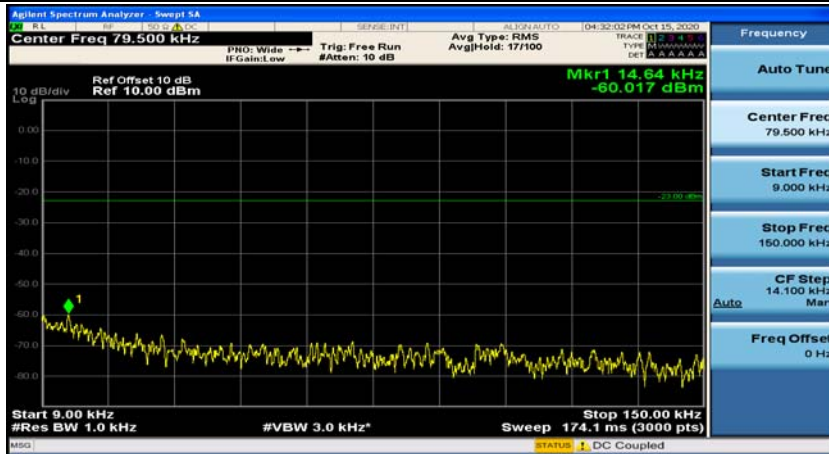




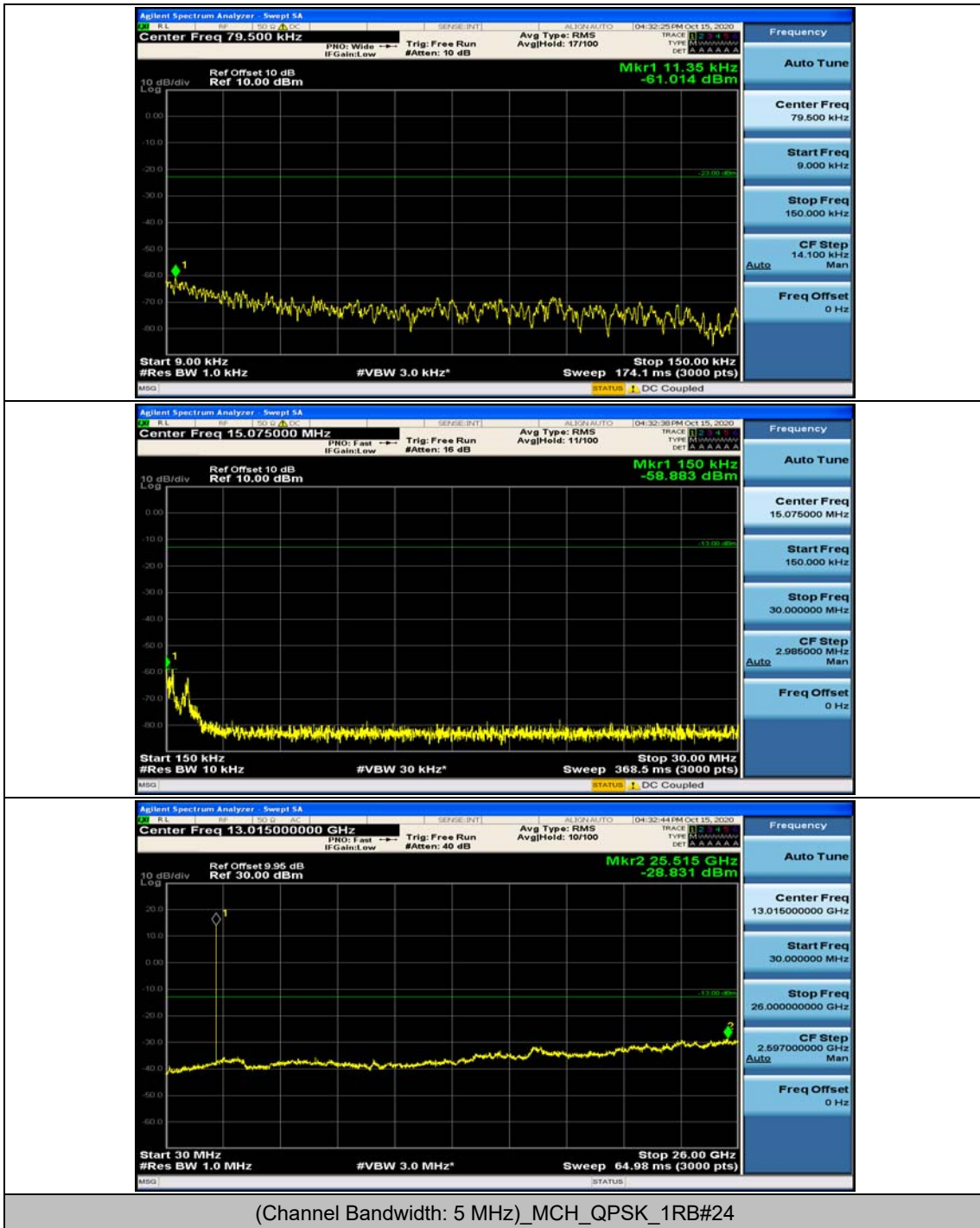


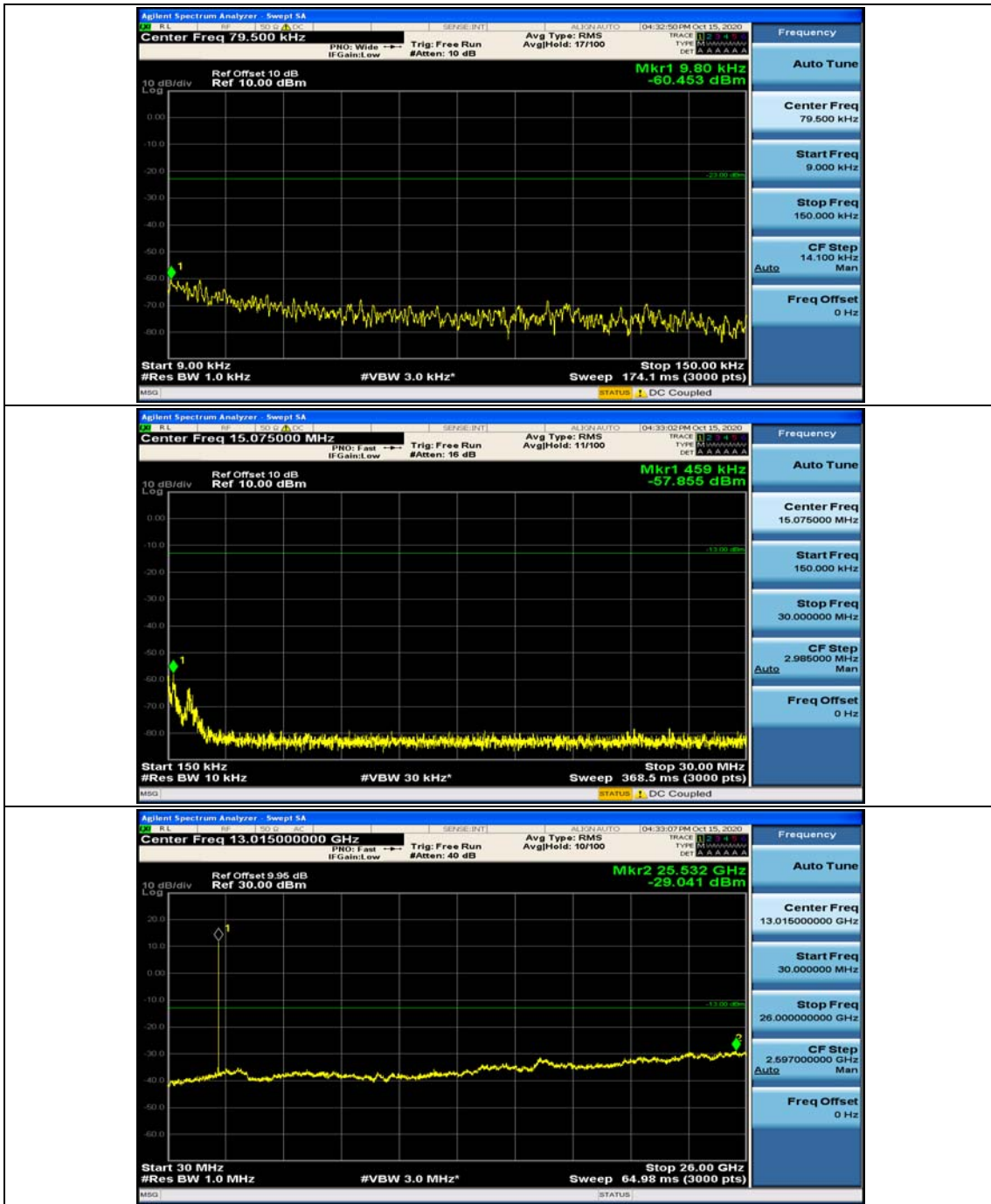


(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#0



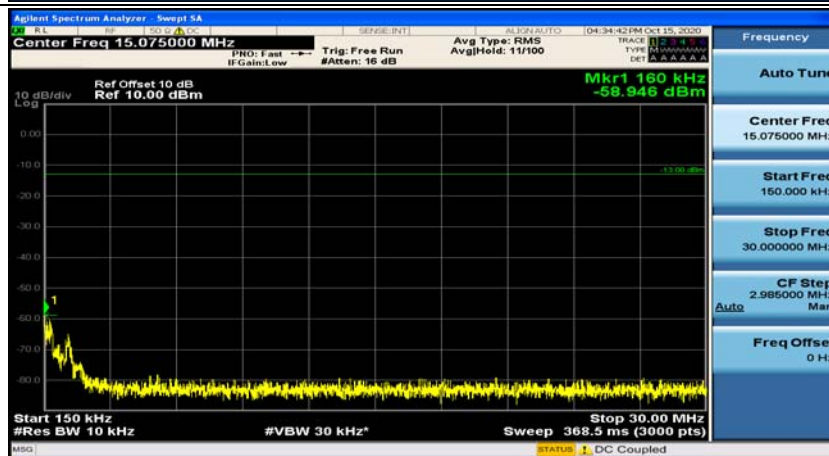
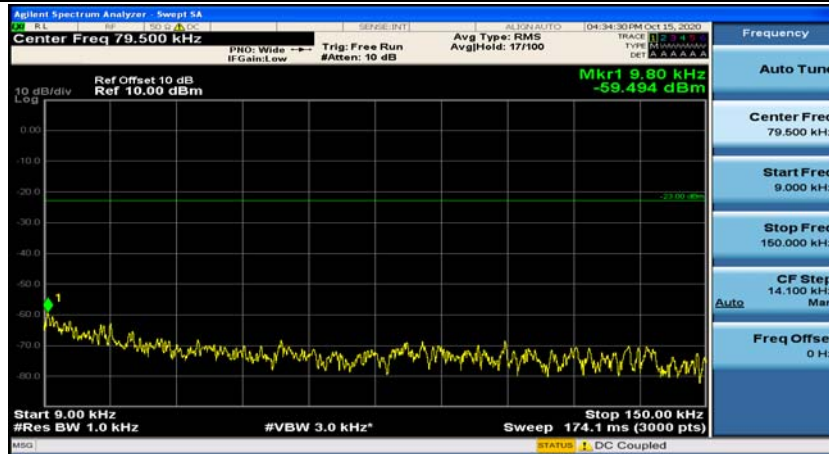
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#12



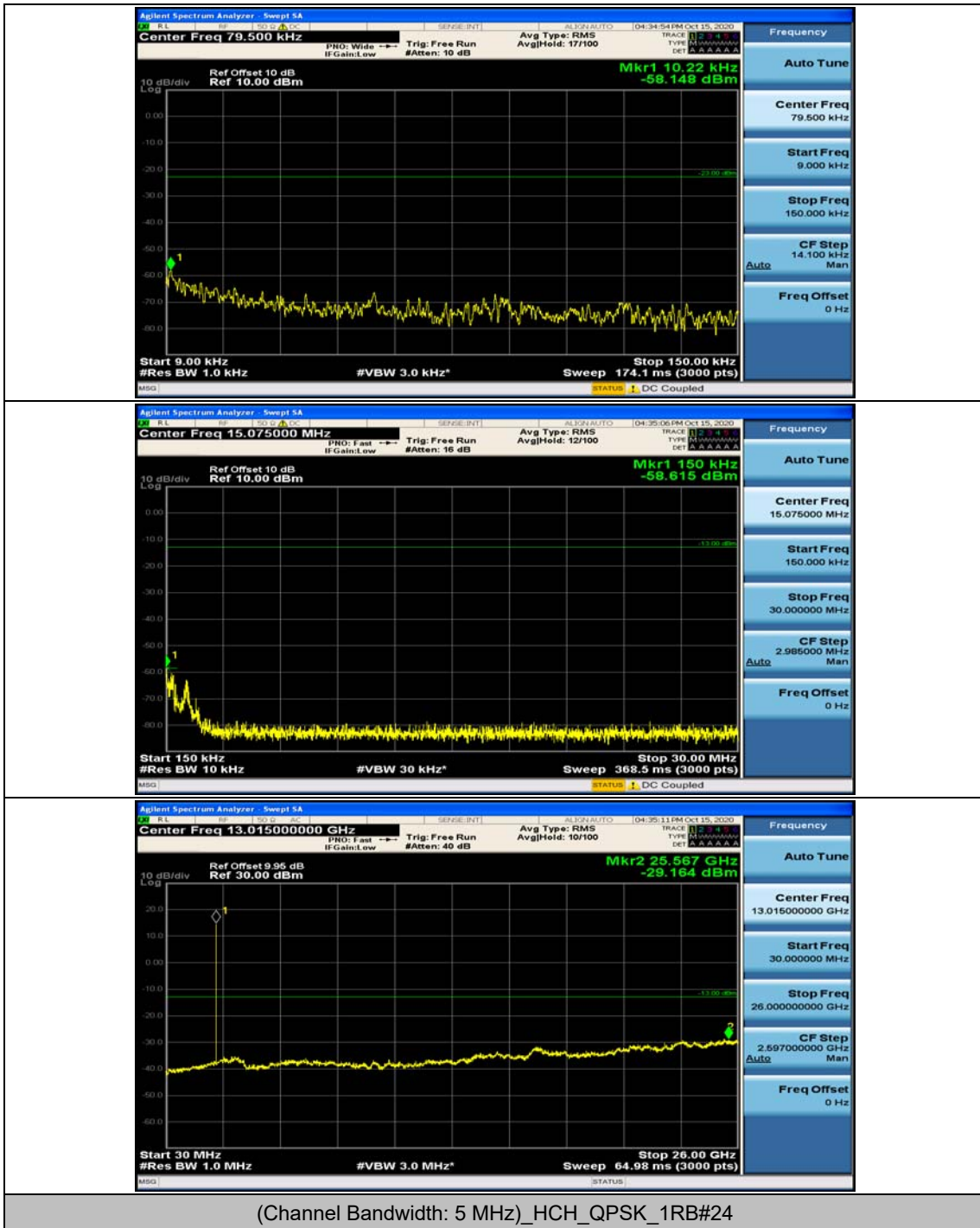


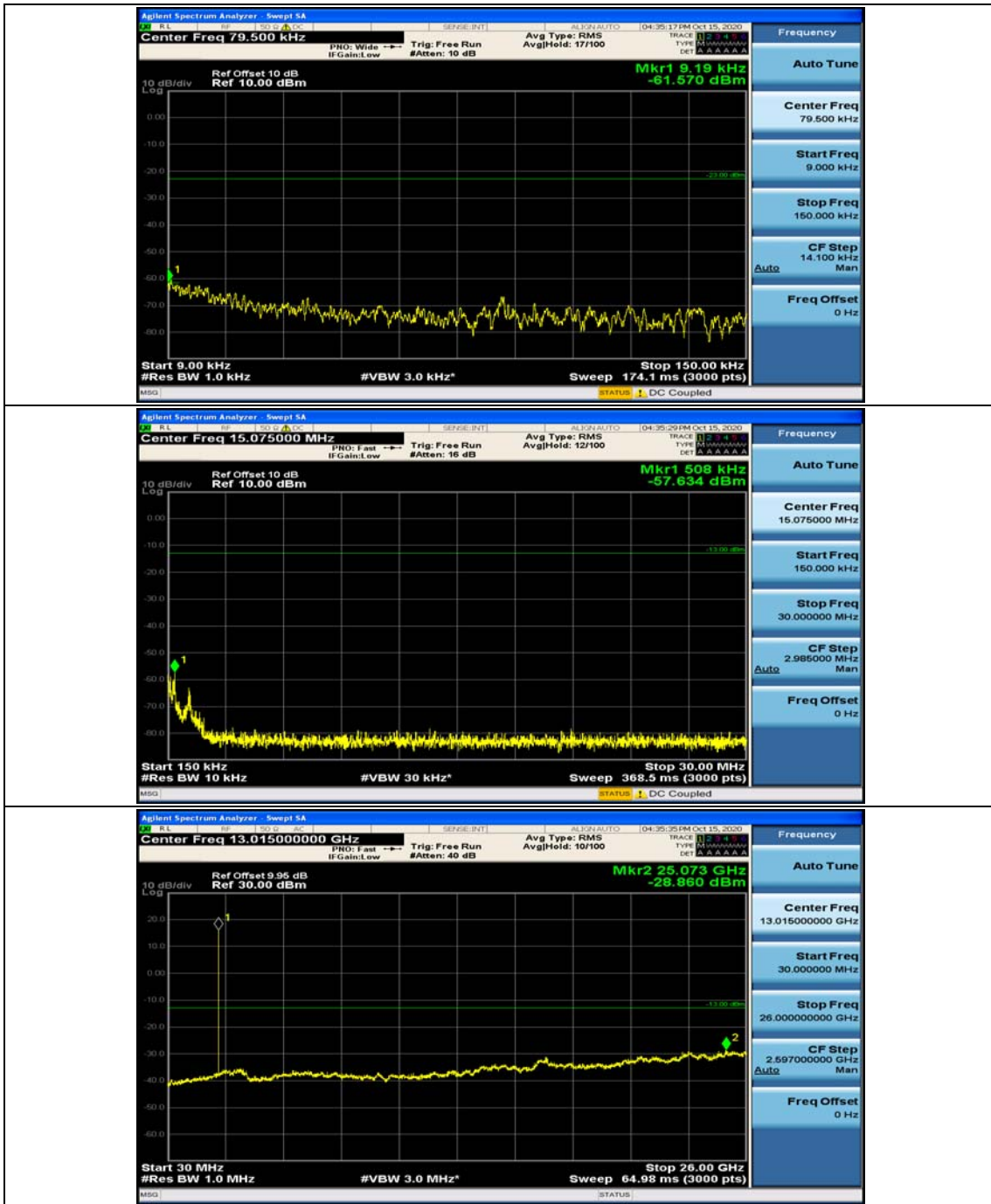


(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#0

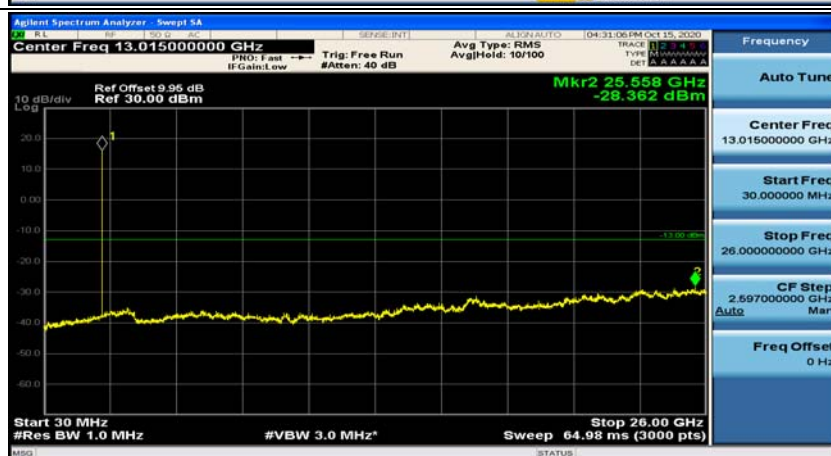
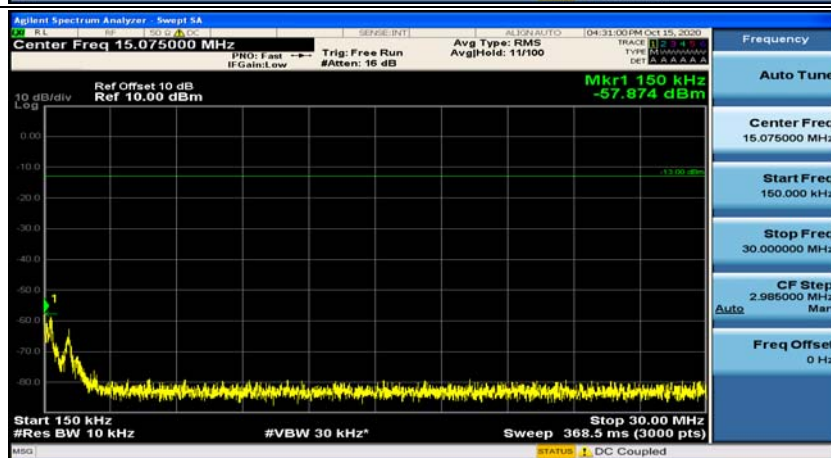
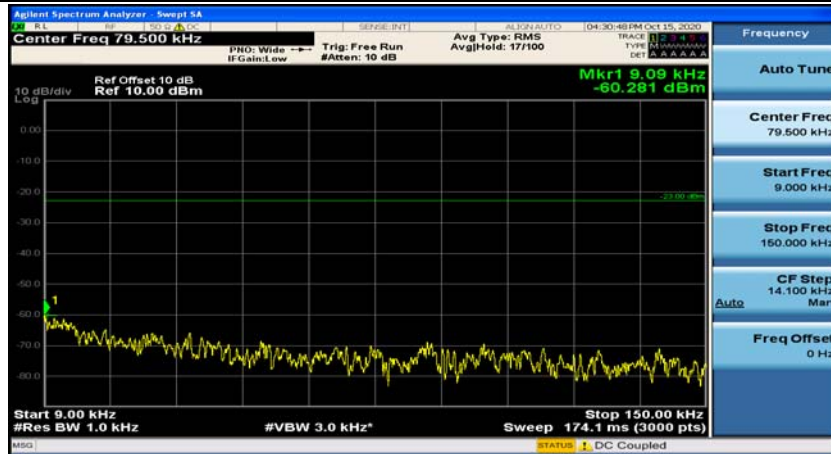


(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#12

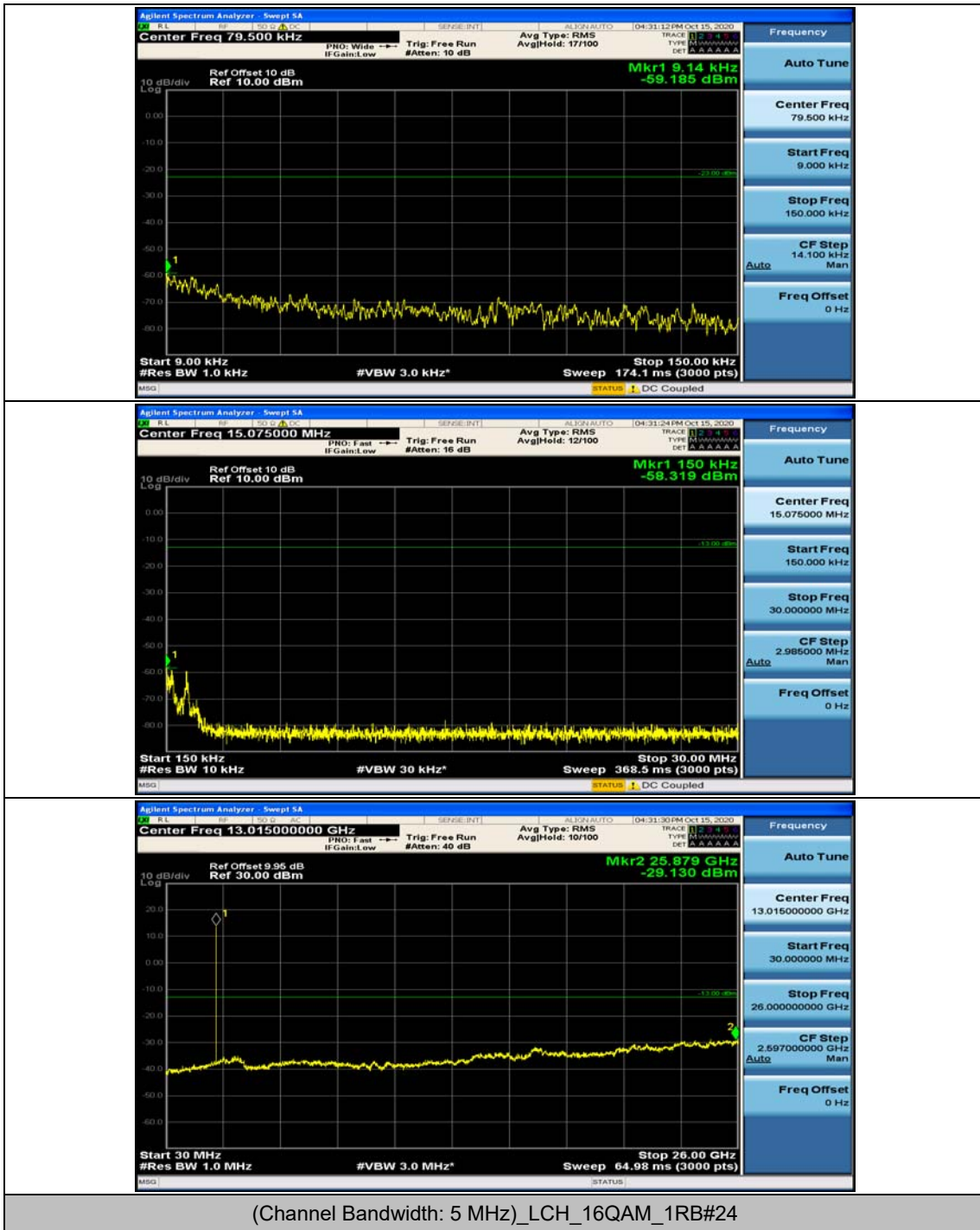




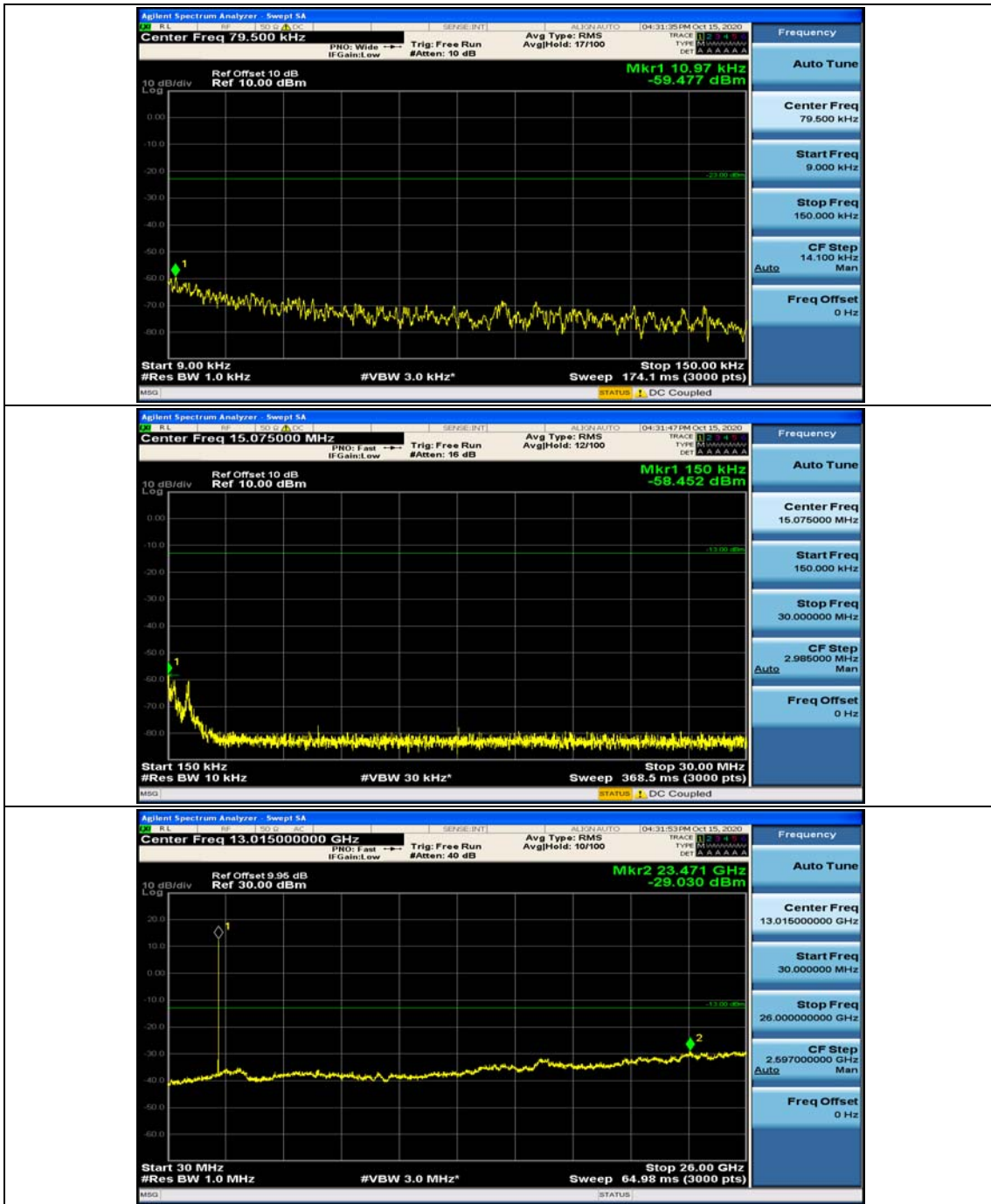
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#0

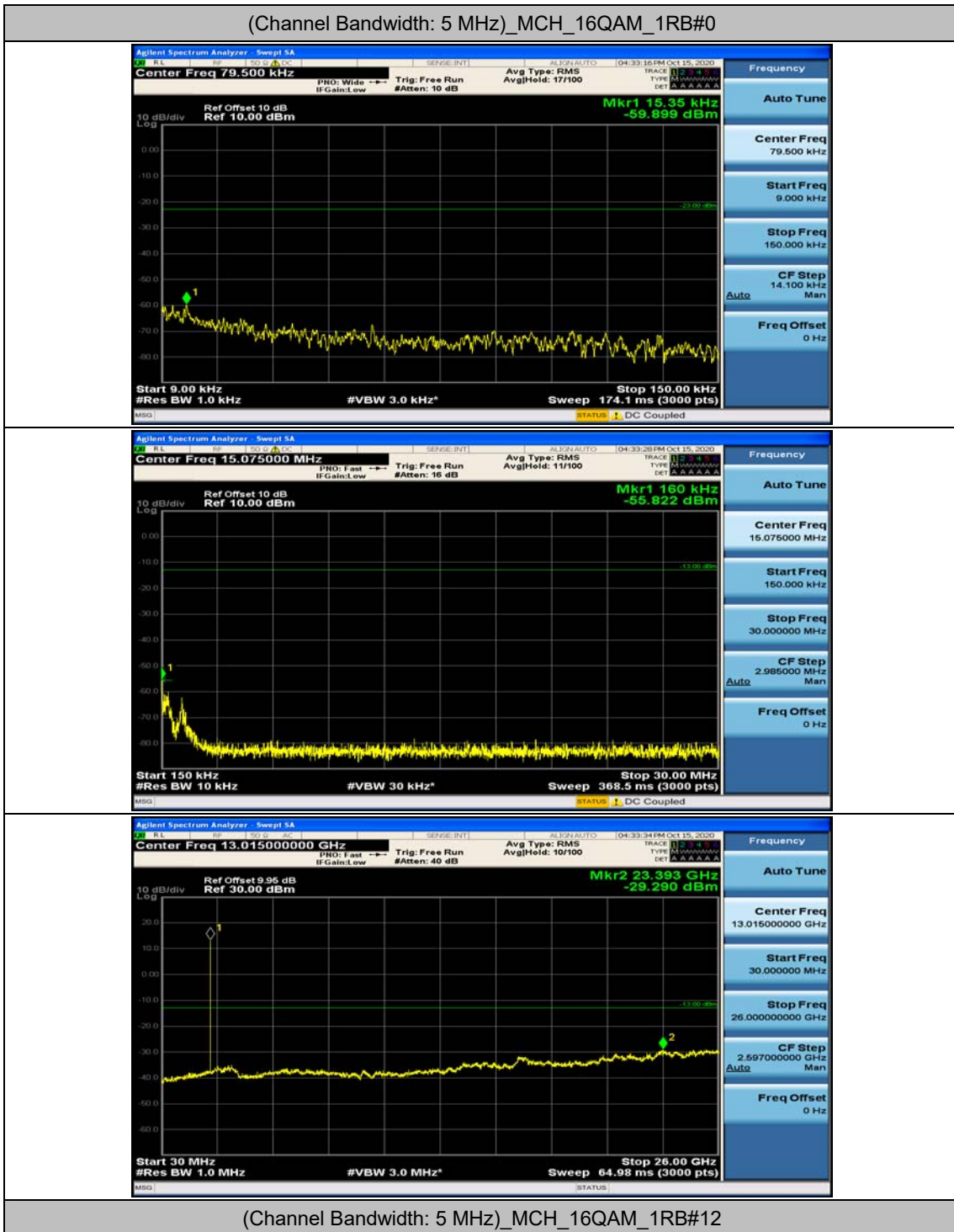


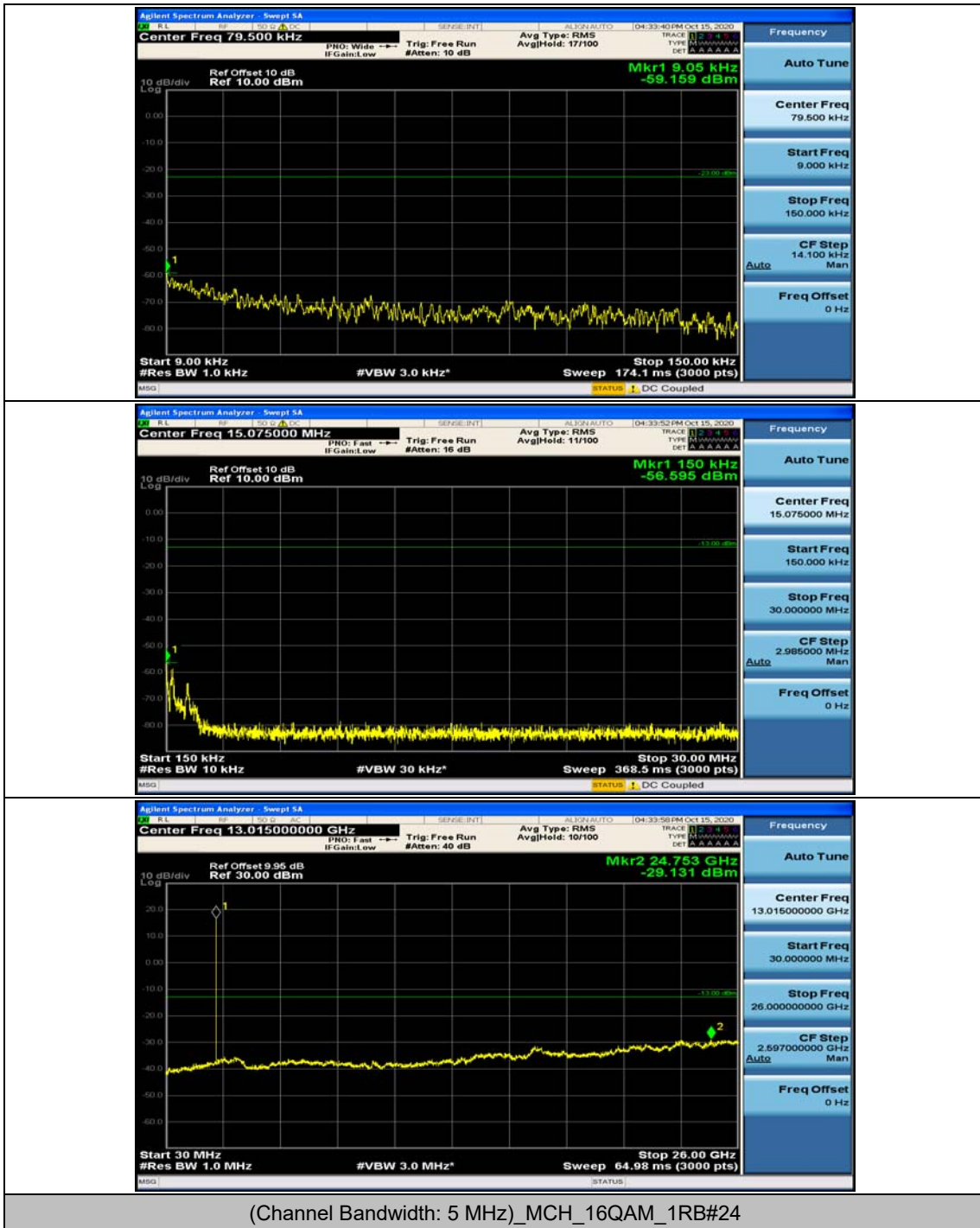
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#12

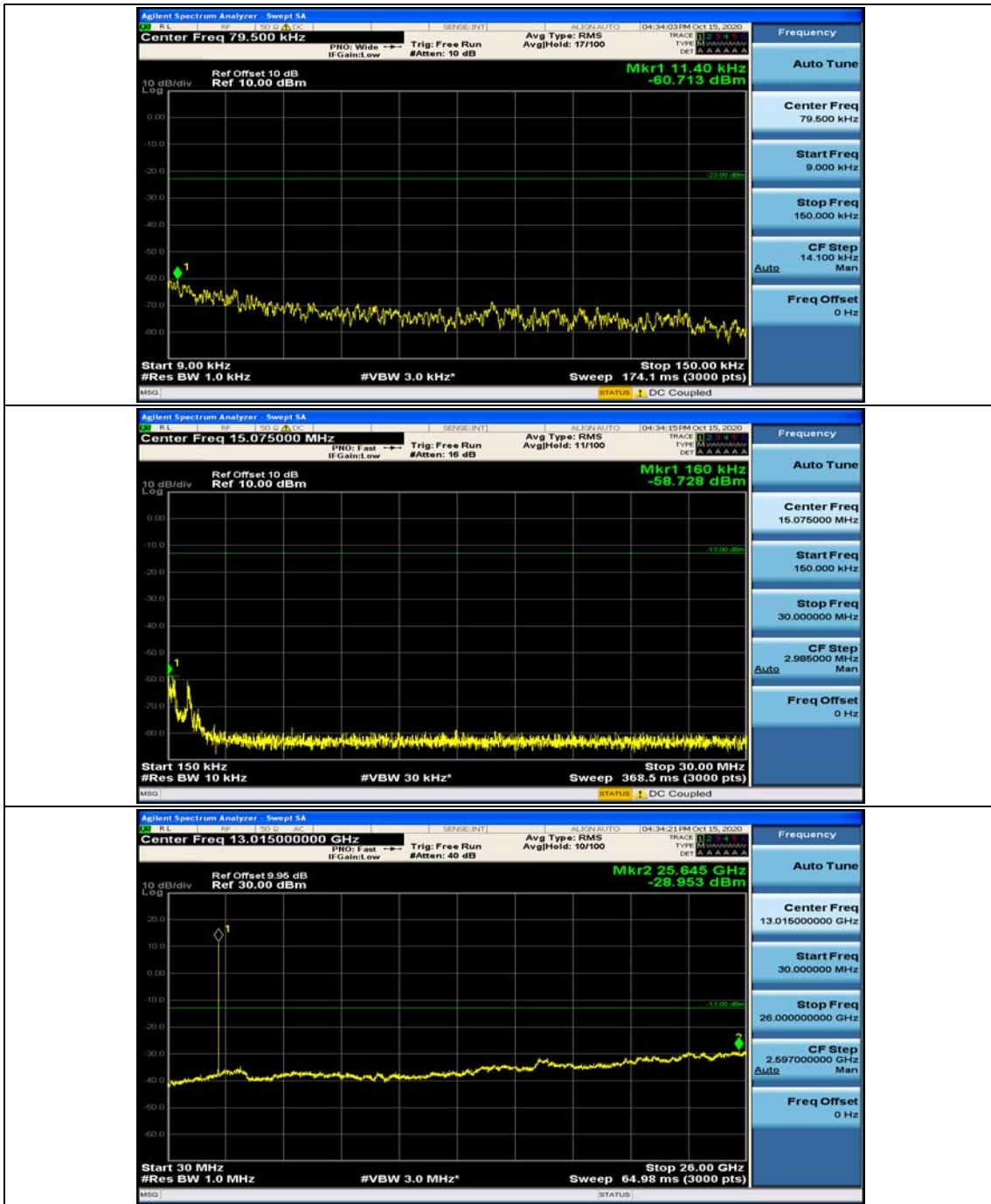


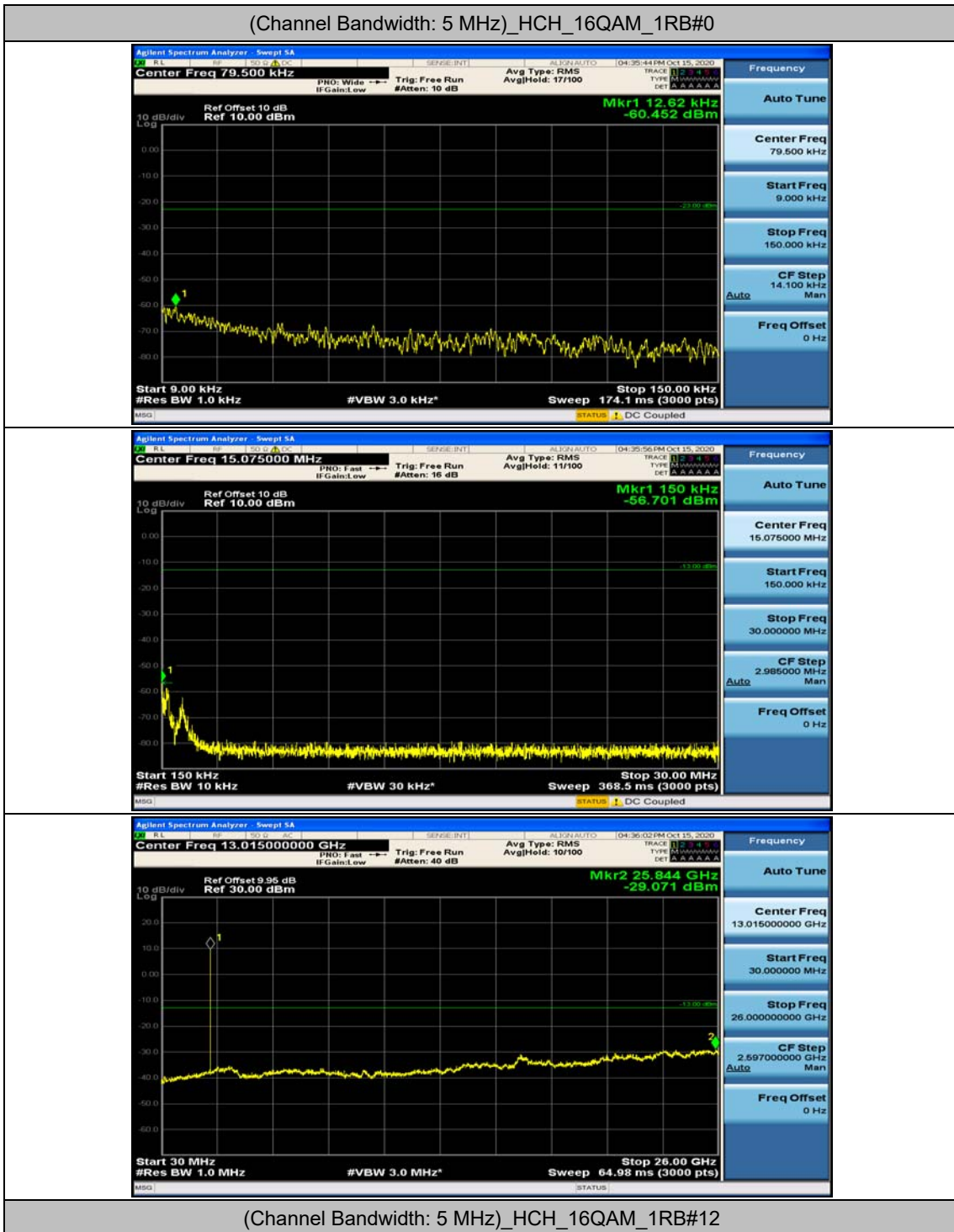




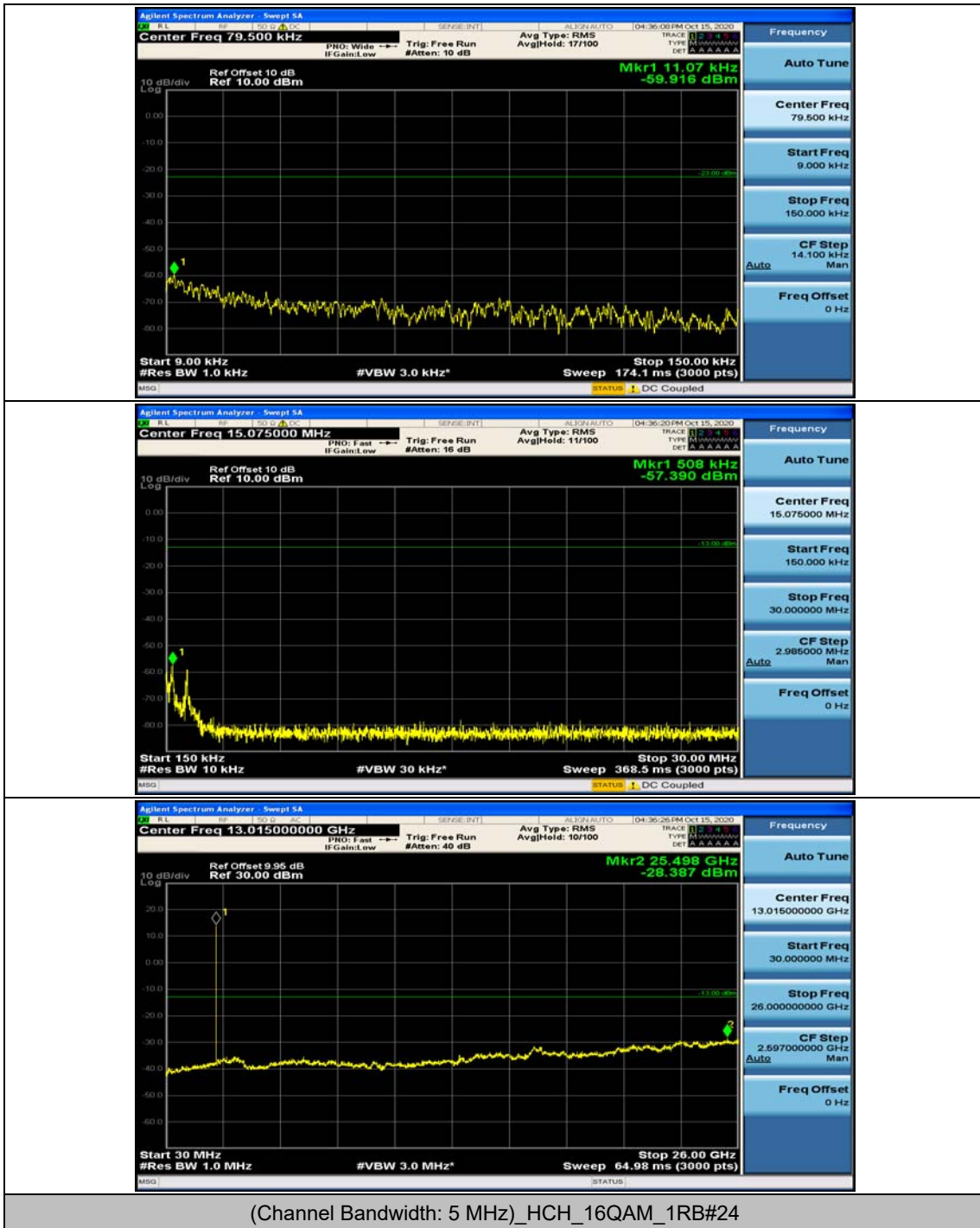


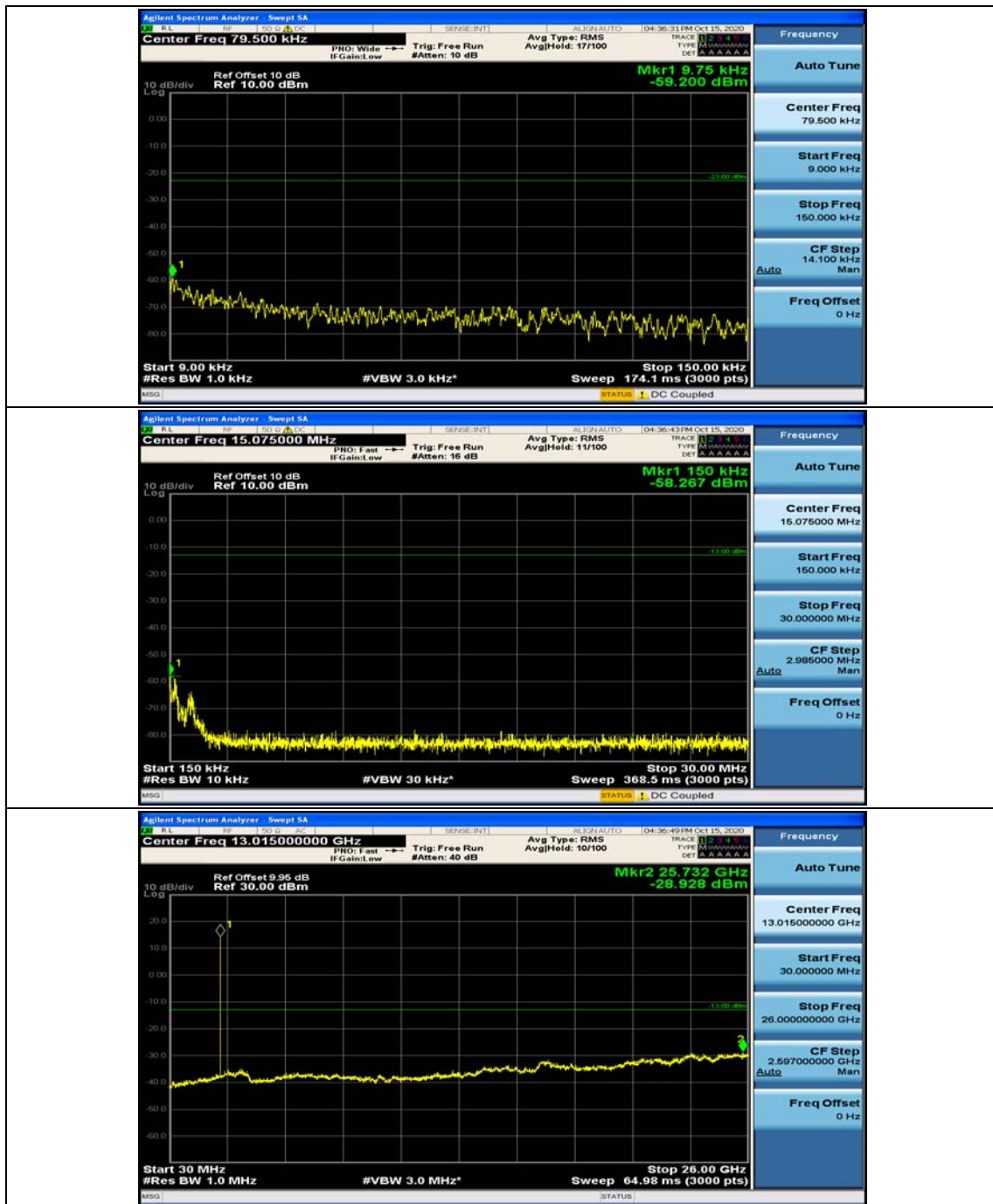


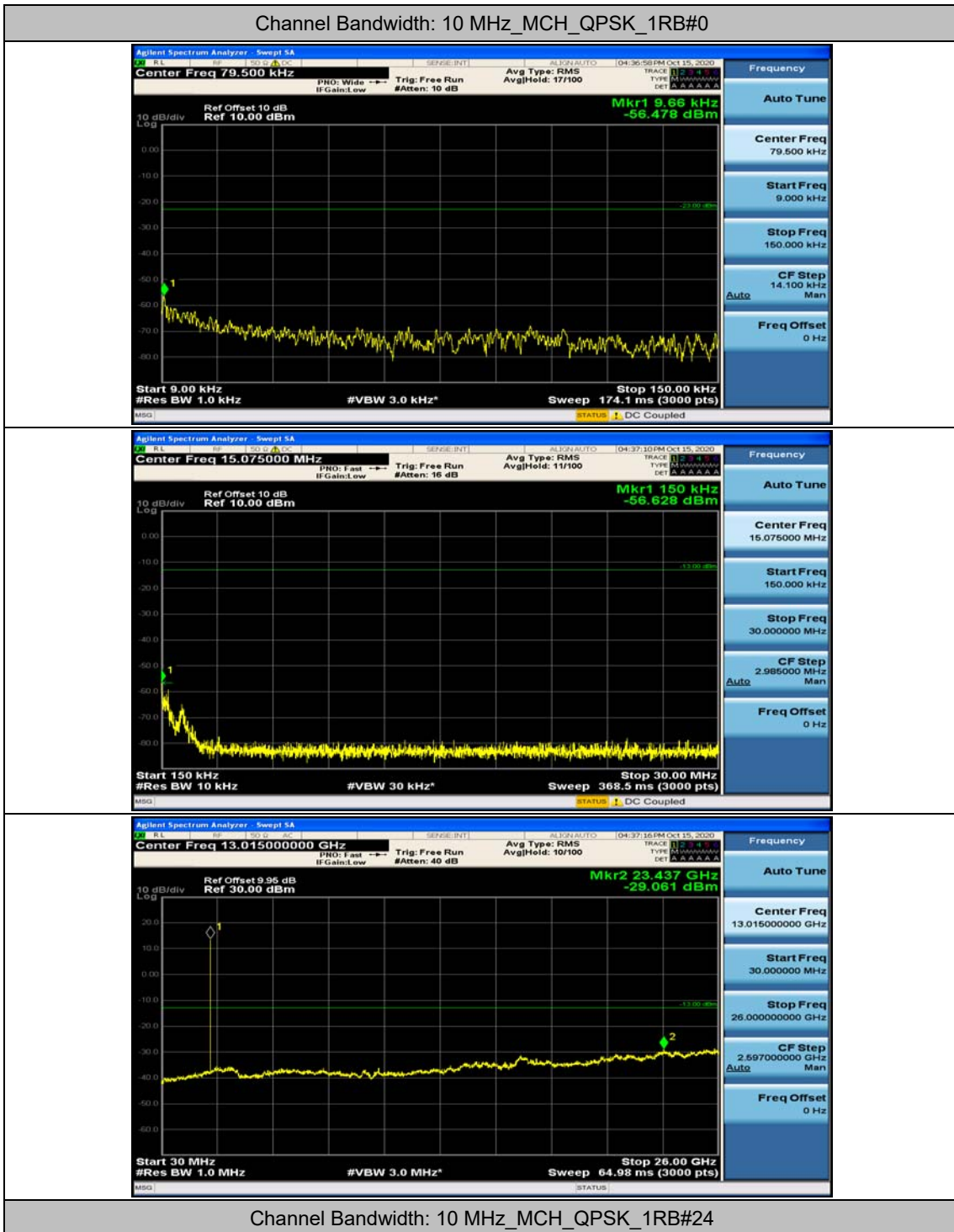


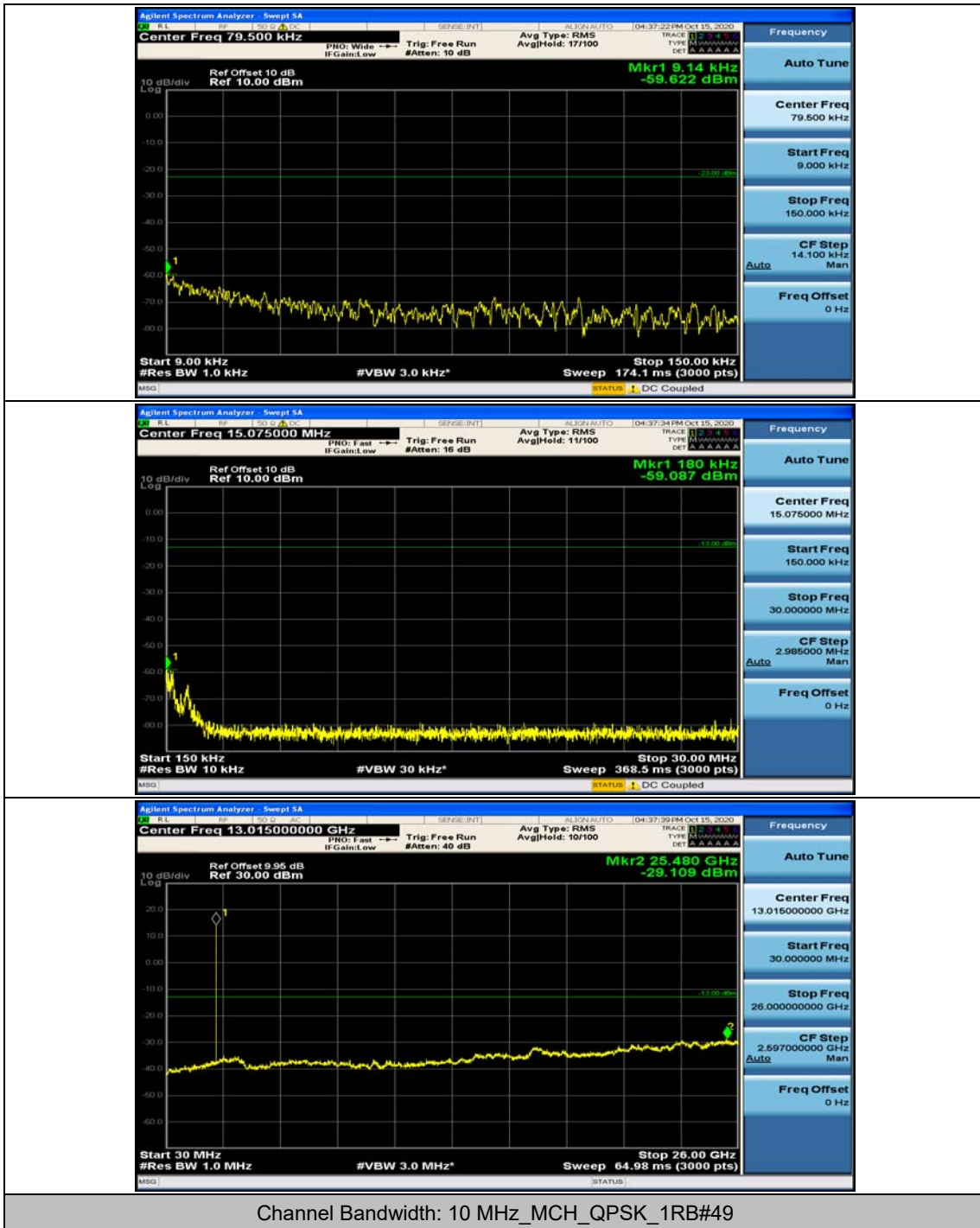


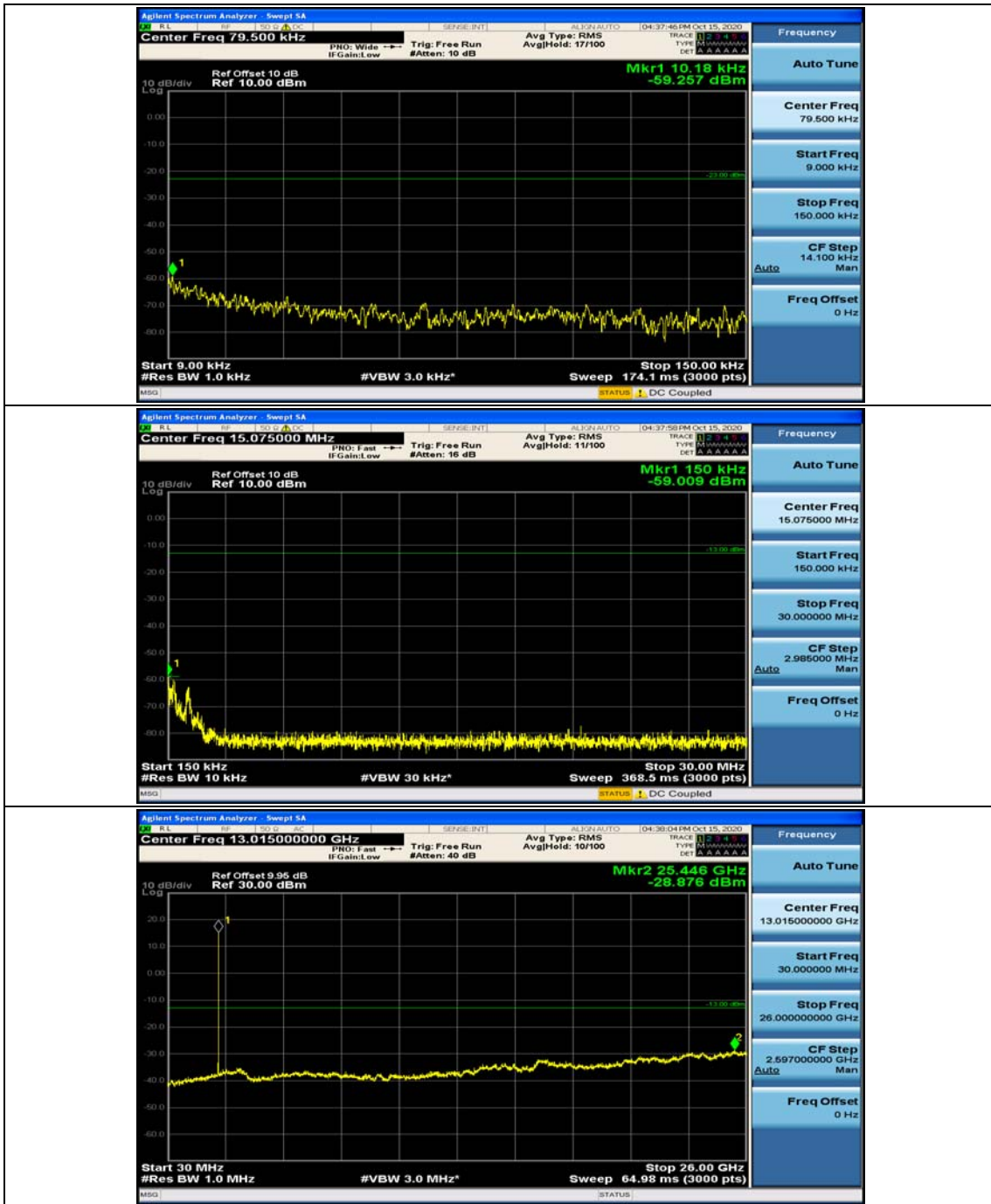




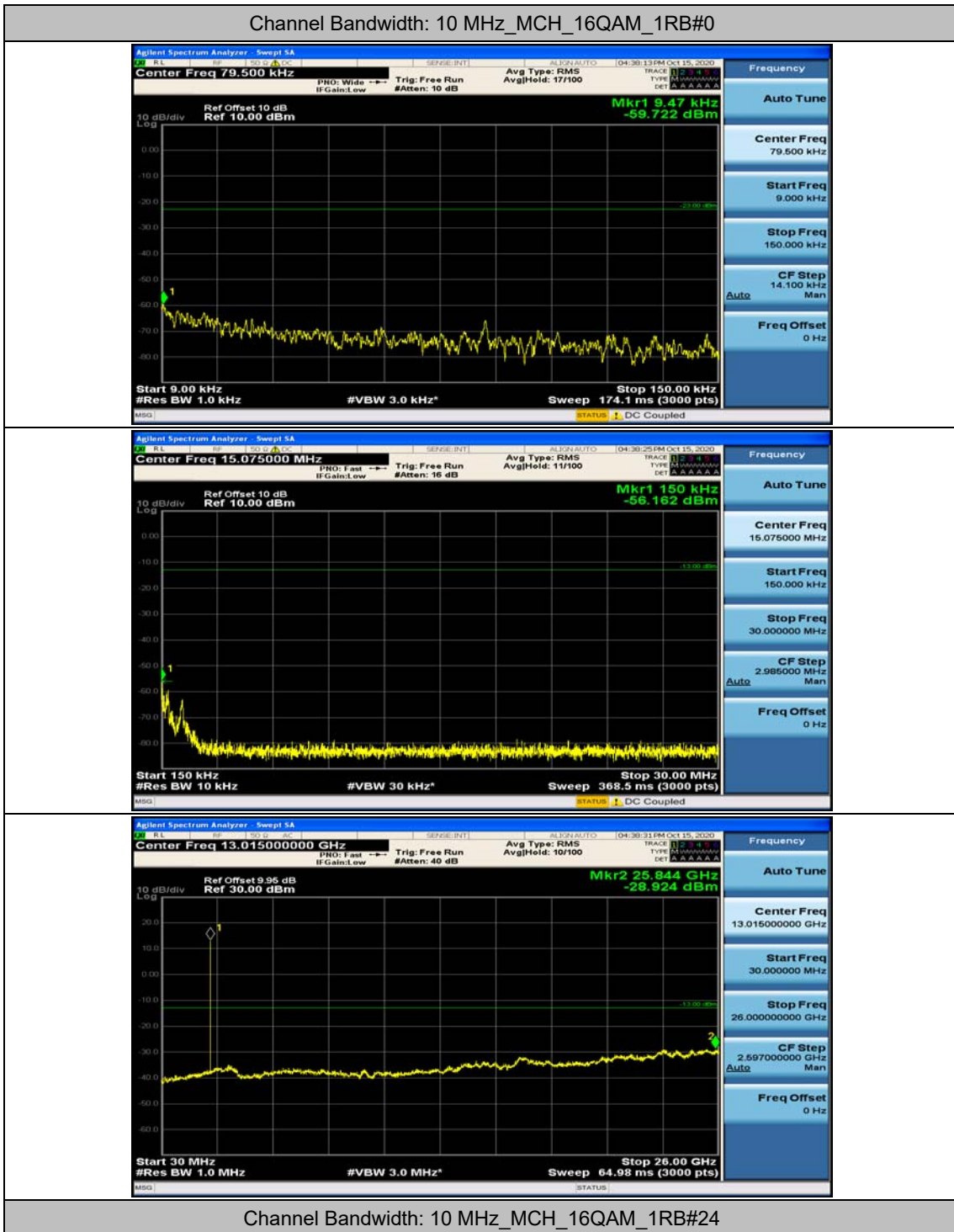


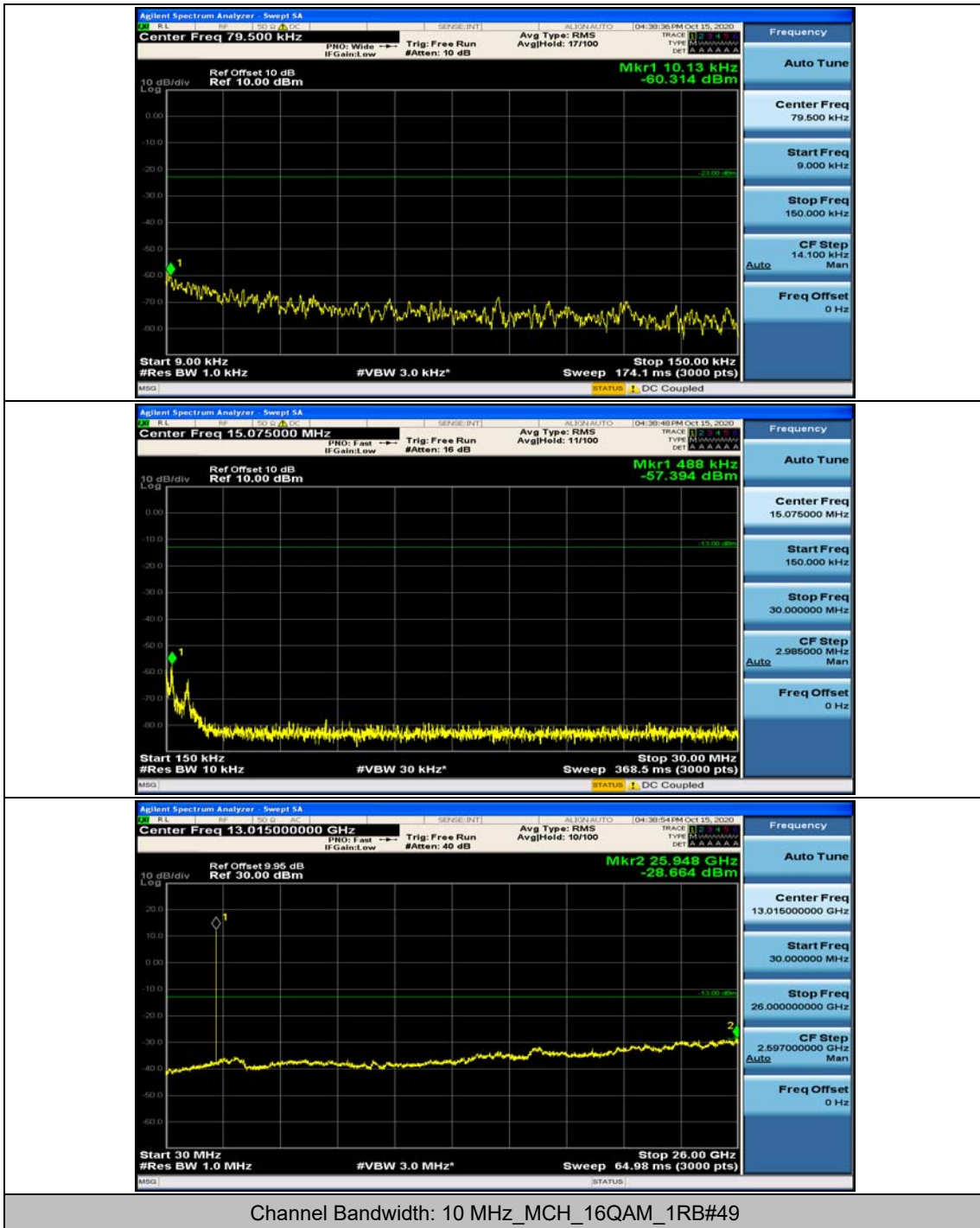


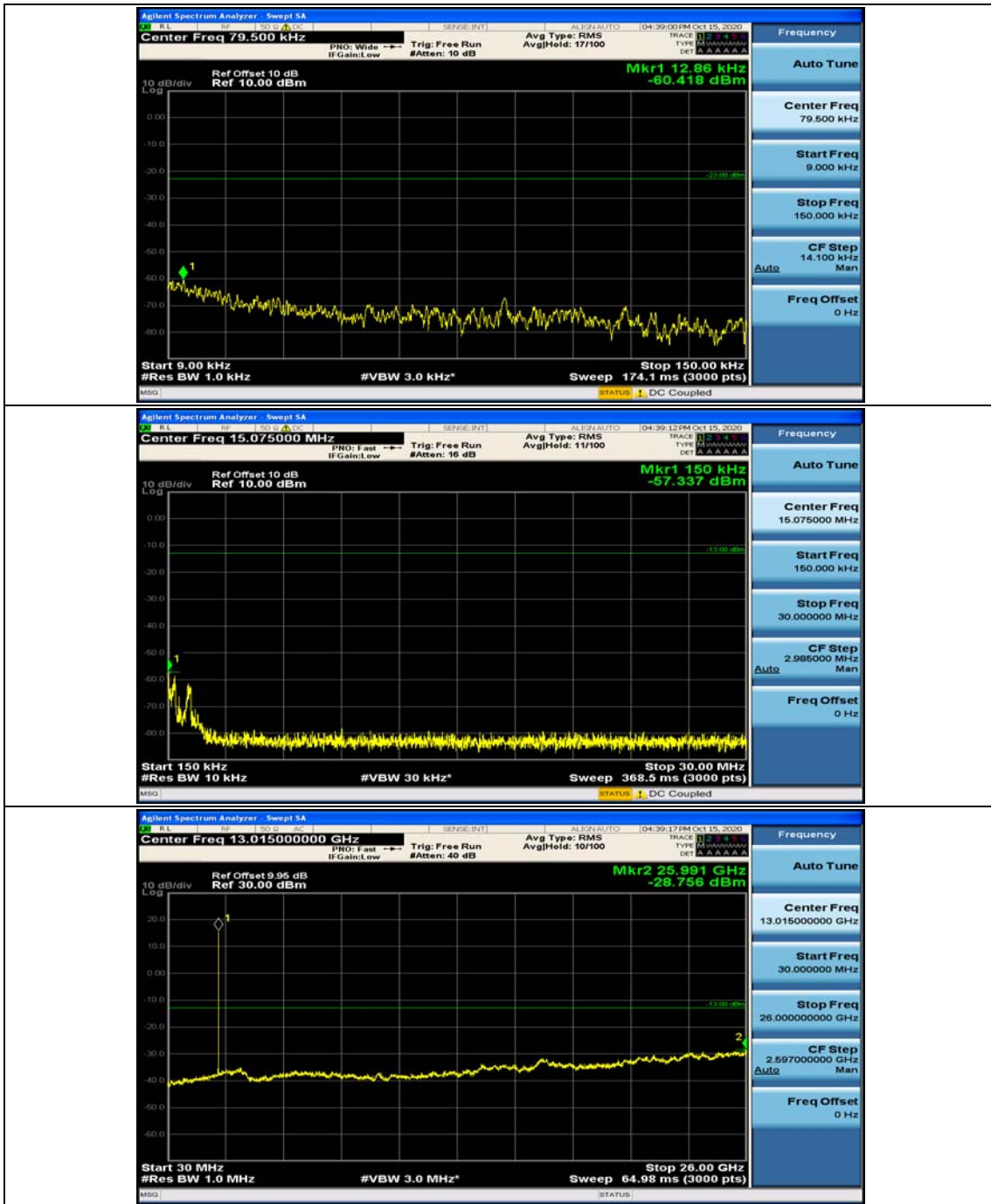












## Appendix F: Frequency Stability

### 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	-1.49	-0.000646	± 2.5	PASS
		VN	TN	4.87	0.002111	± 2.5	PASS
		VH	TN	1.85	0.000802	± 2.5	PASS
	MCH	VL	TN	4.87	0.002108	± 2.5	PASS
		VN	TN	-0.94	-0.000407	± 2.5	PASS
		VH	TN	4.3	0.001861	± 2.5	PASS
	HCH	VL	TN	-1.93	-0.000835	± 2.5	PASS
		VN	TN	0.37	0.000160	± 2.5	PASS
		VH	TN	2.96	0.001280	± 2.5	PASS
16QAM	LCH	VL	TN	1.98	0.000858	± 2.5	PASS
		VN	TN	1.43	0.000620	± 2.5	PASS
		VH	TN	0.56	0.000243	± 2.5	PASS
	MCH	VL	TN	4.75	0.002056	± 2.5	PASS
		VN	TN	2.89	0.001251	± 2.5	PASS
		VH	TN	-1.62	-0.000701	± 2.5	PASS
	HCH	VL	TN	3.39	0.001466	± 2.5	PASS
		VN	TN	2.45	0.001059	± 2.5	PASS
		VH	TN	2.08	0.000899	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	2.39	0.001036	± 2.5	PASS
		VN	-20	2.04	0.000884	± 2.5	PASS
		VN	-10	-1.39	-0.000602	± 2.5	PASS
		VN	0	2.82	0.001222	± 2.5	PASS
		VN	10	1.84	0.000797	± 2.5	PASS
		VN	20	3.31	0.001434	± 2.5	PASS
		VN	30	1.88	0.000815	± 2.5	PASS
		VN	40	1.43	0.000620	± 2.5	PASS
		VN	50	4.71	0.002041	± 2.5	PASS

	MCH	VN	-30	4.69	0.002030	± 2.5	PASS
		VN	-20	2.91	0.001260	± 2.5	PASS
		VN	-10	3.51	0.001519	± 2.5	PASS
		VN	0	0.9	0.000390	± 2.5	PASS
		VN	10	2.6	0.001126	± 2.5	PASS
		VN	20	0.64	0.000277	± 2.5	PASS
		VN	30	-1.41	-0.000610	± 2.5	PASS
		VN	40	-0.08	-0.000035	± 2.5	PASS
		VN	50	0.31	0.000134	± 2.5	PASS
	HCH	VN	-30	-1.39	-0.000601	± 2.5	PASS
		VN	-20	-0.82	-0.000355	± 2.5	PASS
		VN	-10	1.46	0.000631	± 2.5	PASS
		VN	0	0.4	0.000173	± 2.5	PASS
		VN	10	2.63	0.001137	± 2.5	PASS
		VN	20	1.72	0.000744	± 2.5	PASS
		VN	30	2.3	0.000995	± 2.5	PASS
		VN	40	4.96	0.002145	± 2.5	PASS
		VN	50	-0.83	-0.000359	± 2.5	PASS
16QAM	LCH	VN	-30	-1.11	-0.000481	± 2.5	PASS
		VN	-20	0.36	0.000156	± 2.5	PASS
		VN	-10	3.87	0.001677	± 2.5	PASS
		VN	0	-1.64	-0.000711	± 2.5	PASS
		VN	10	2.34	0.001014	± 2.5	PASS
		VN	20	3.21	0.001391	± 2.5	PASS
		VN	30	-0.85	-0.000368	± 2.5	PASS
		VN	40	3.25	0.001408	± 2.5	PASS
		VN	50	4.71	0.002041	± 2.5	PASS
	MCH	VN	-30	2.92	0.001264	± 2.5	PASS
		VN	-20	1.44	0.000623	± 2.5	PASS
		VN	-10	3.57	0.001545	± 2.5	PASS
		VN	0	0.99	0.000429	± 2.5	PASS
		VN	10	4.77	0.002065	± 2.5	PASS
		VN	20	-1.53	-0.000662	± 2.5	PASS
		VN	30	2.68	0.001160	± 2.5	PASS
		VN	40	-0.19	-0.000082	± 2.5	PASS
		VN	50	-1.64	-0.000710	± 2.5	PASS
	HCH	VN	-30	1.73	0.000748	± 2.5	PASS
		VN	-20	4.92	0.002128	± 2.5	PASS
		VN	-10	1.66	0.000718	± 2.5	PASS
		VN	0	-1.91	-0.000826	± 2.5	PASS
		VN	10	-0.29	-0.000125	± 2.5	PASS



		VN	20	-0.14	-0.000061	± 2.5	PASS
		VN	30	3.79	0.001639	± 2.5	PASS
		VN	40	0.56	0.000242	± 2.5	PASS
		VN	50	0.63	0.000272	± 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	-1.84	-0.000797	± 2.5	PASS
		VN	TN	-1.29	-0.000558	± 2.5	PASS
		VH	TN	2.42	0.001048	± 2.5	PASS
16QAM	MCH	VL	TN	4.91	0.002126	± 2.5	PASS
		VN	TN	-1.66	-0.000719	± 2.5	PASS
		VH	TN	-0.11	-0.000048	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	MCH	VN	-30	0.16	0.000069	± 2.5	PASS
		VN	-20	1.22	0.000528	± 2.5	PASS
		VN	-10	1.69	0.000732	± 2.5	PASS
		VN	0	2.23	0.000965	± 2.5	PASS
		VN	10	-0.91	-0.000394	± 2.5	PASS
		VN	20	0.63	0.000273	± 2.5	PASS
		VN	30	1.33	0.000576	± 2.5	PASS
		VN	40	1.61	0.000697	± 2.5	PASS
		VN	50	0.21	0.000091	± 2.5	PASS
16QAM	MCH	VN	-30	-0.98	-0.000424	± 2.5	PASS
		VN	-20	2.17	0.000939	± 2.5	PASS
		VN	-10	2.38	0.001030	± 2.5	PASS
		VN	0	3.07	0.001329	± 2.5	PASS
		VN	10	1.64	0.000710	± 2.5	PASS
		VN	20	-0.22	-0.000095	± 2.5	PASS
		VN	30	-0.47	-0.000203	± 2.5	PASS
		VN	40	4.39	0.001900	± 2.5	PASS
		VN	50	4.38	0.001896	± 2.5	PASS