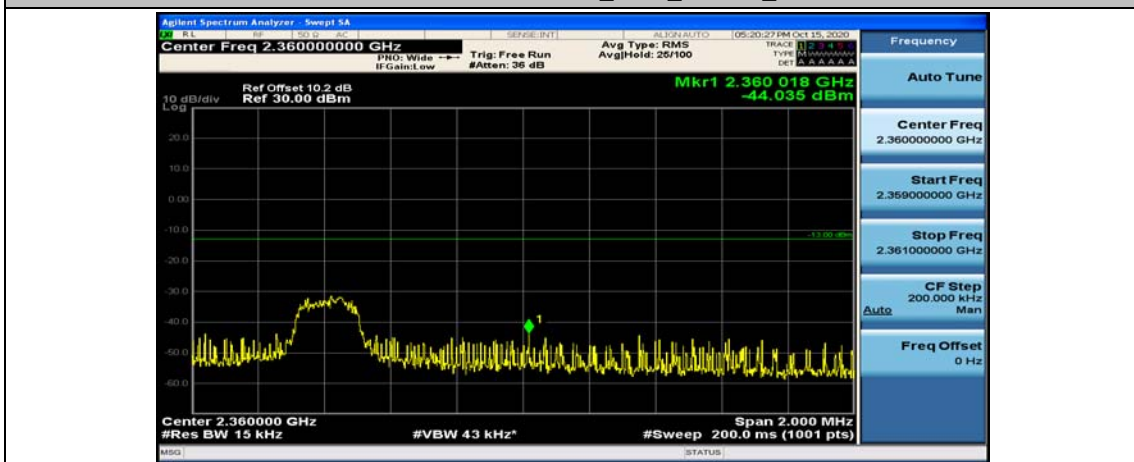
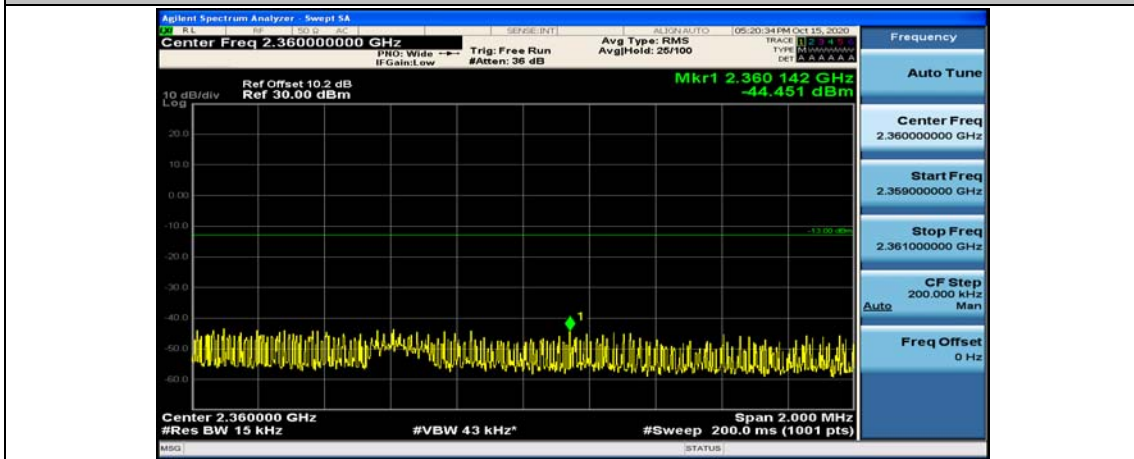




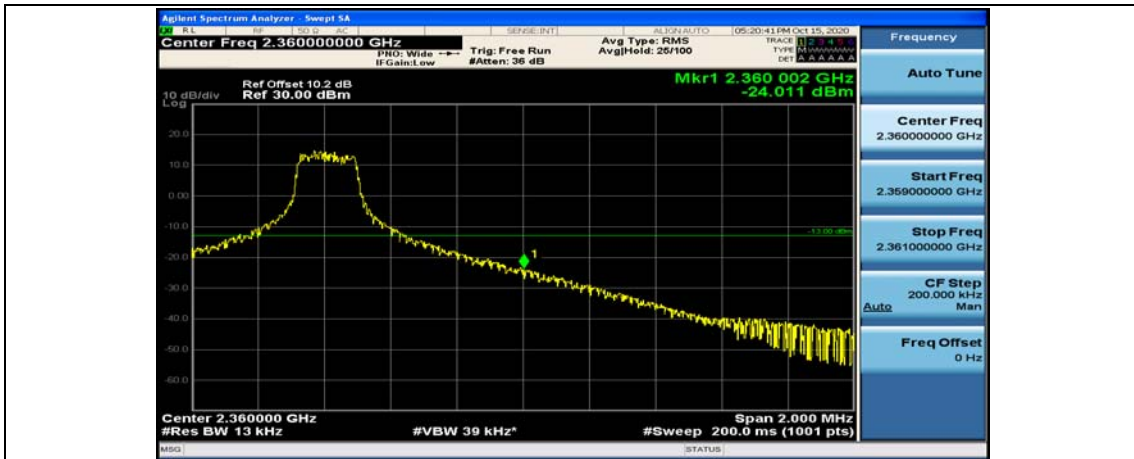
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#0



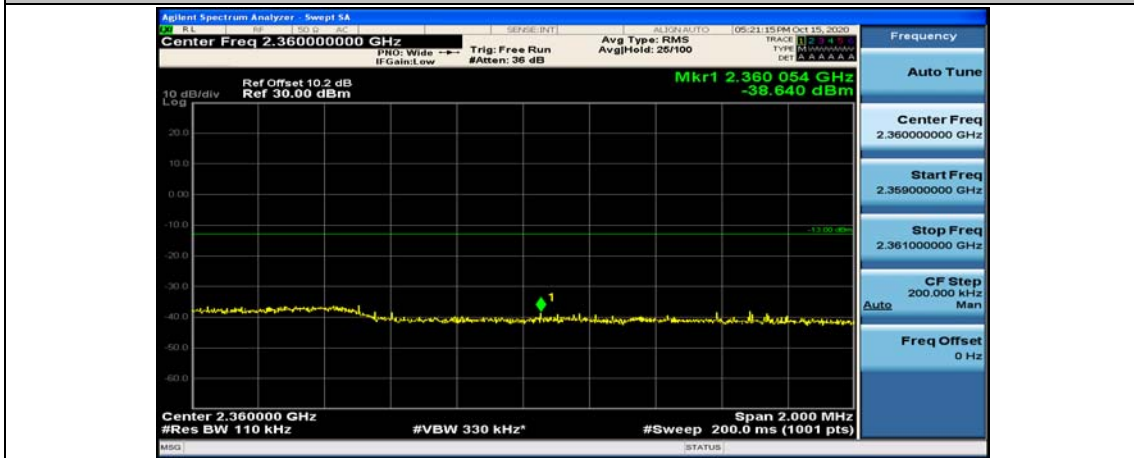
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#24



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



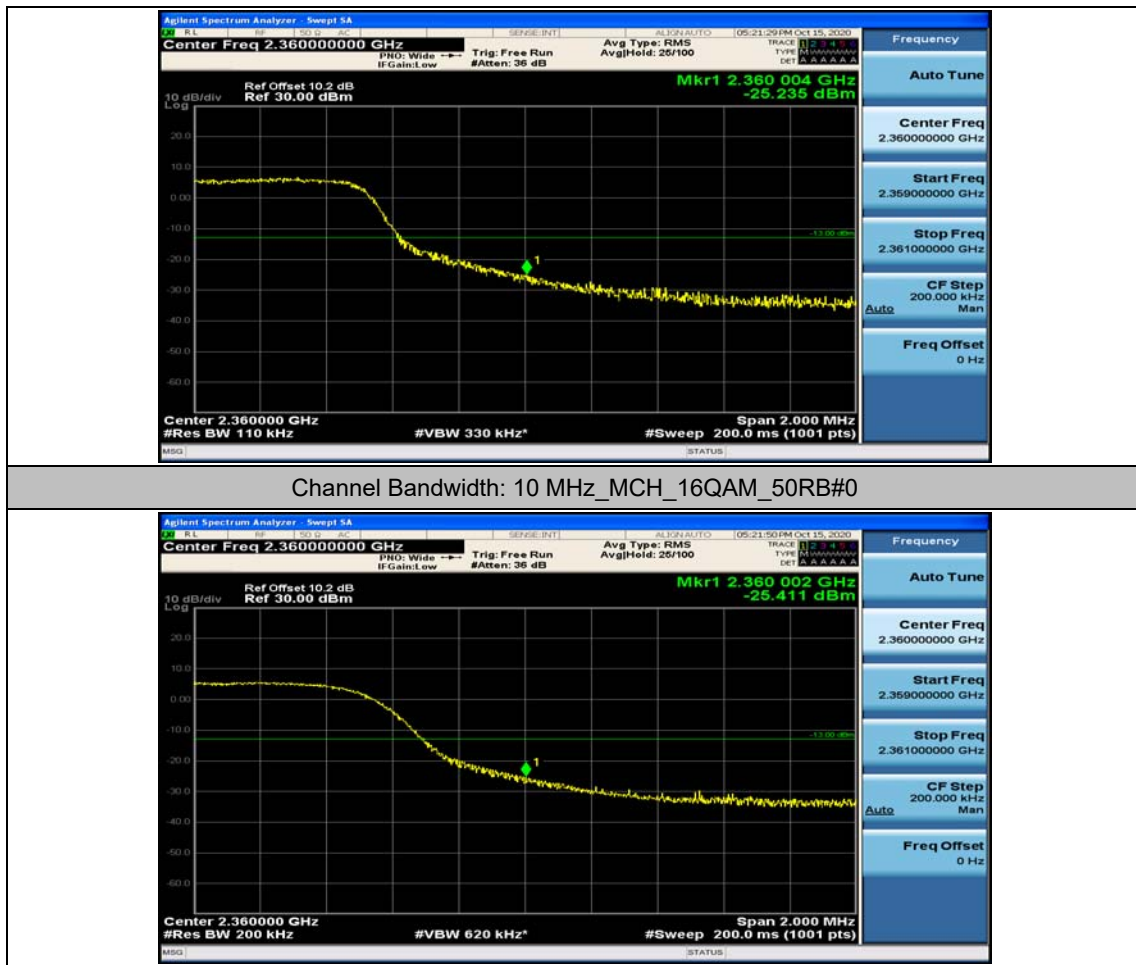
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_25RB#0



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



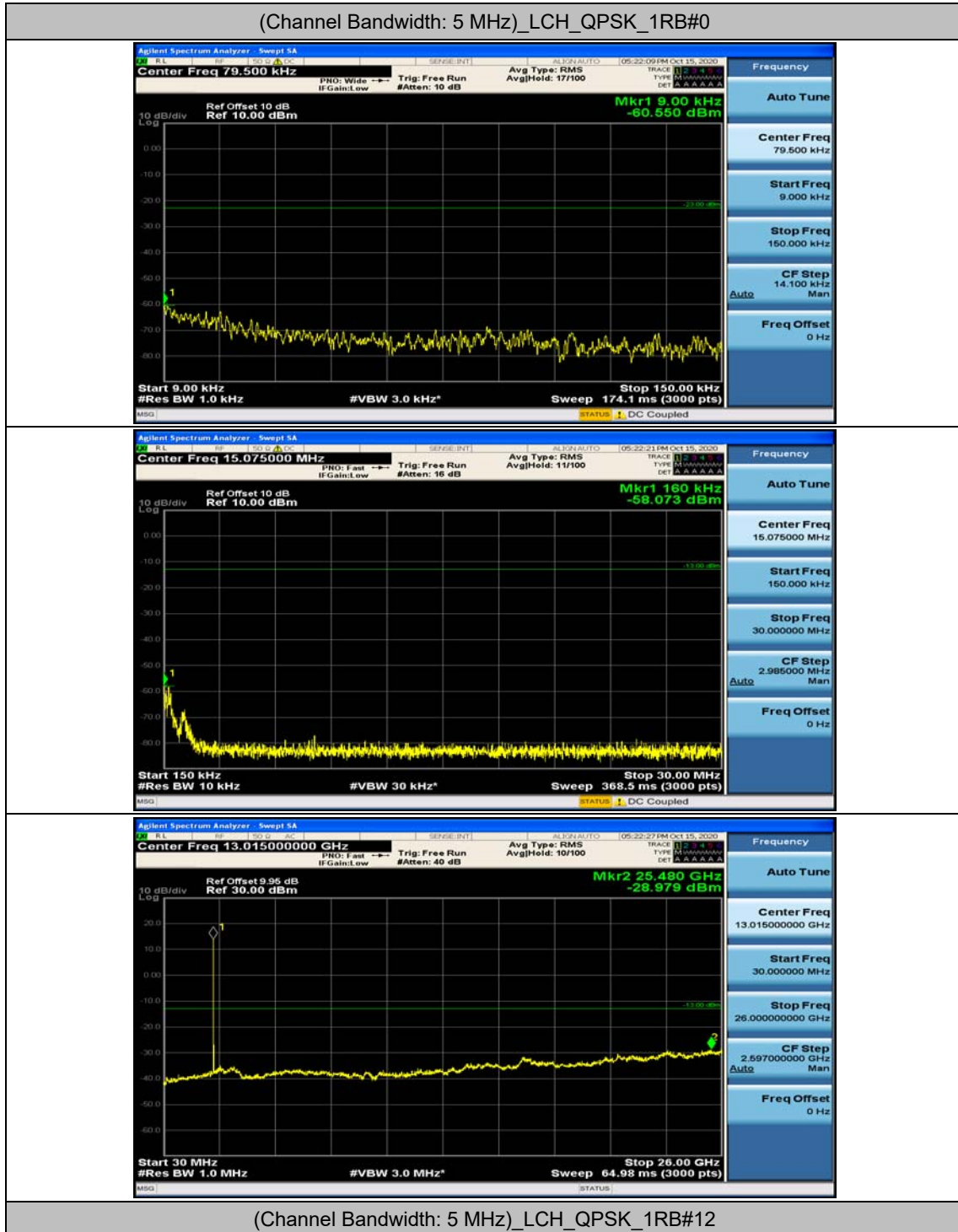
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_25RB#25

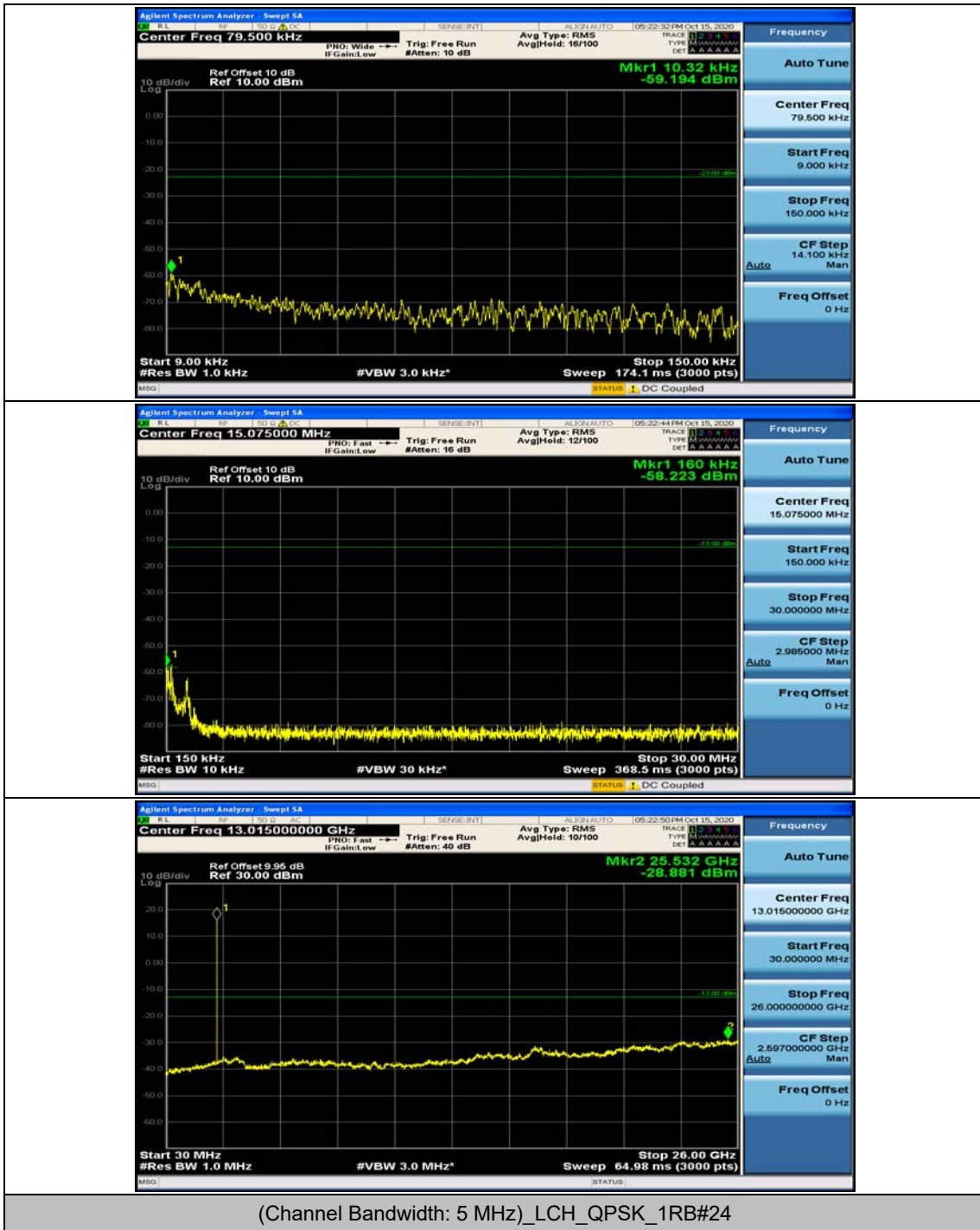


## Appendix E: Conducted Spurious Emission

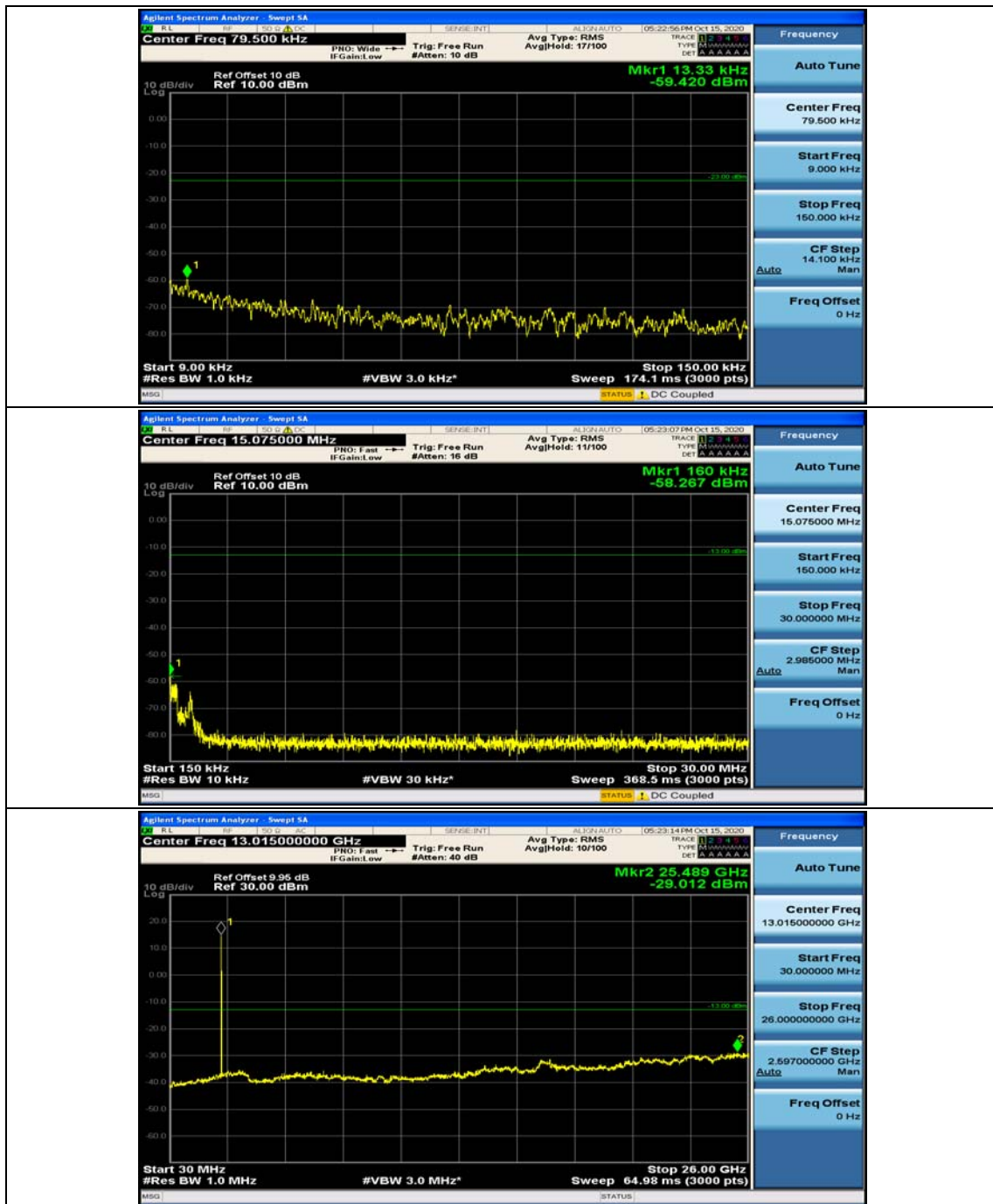
### Test Graphs

Channel Bandwidth: 5 MHz

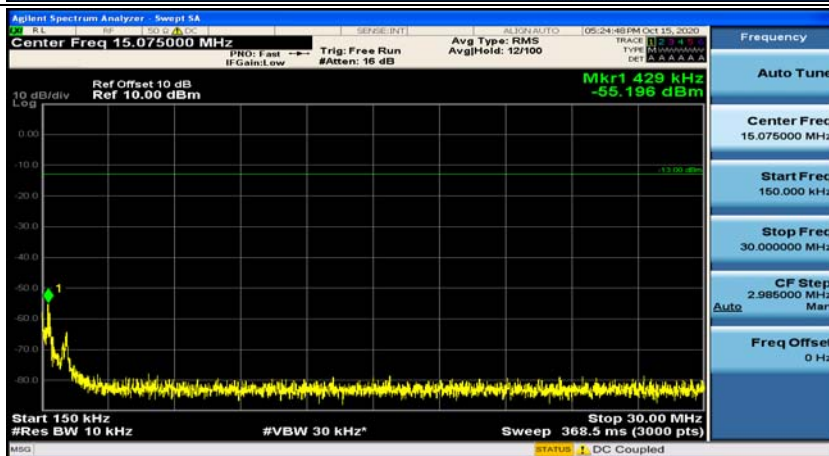
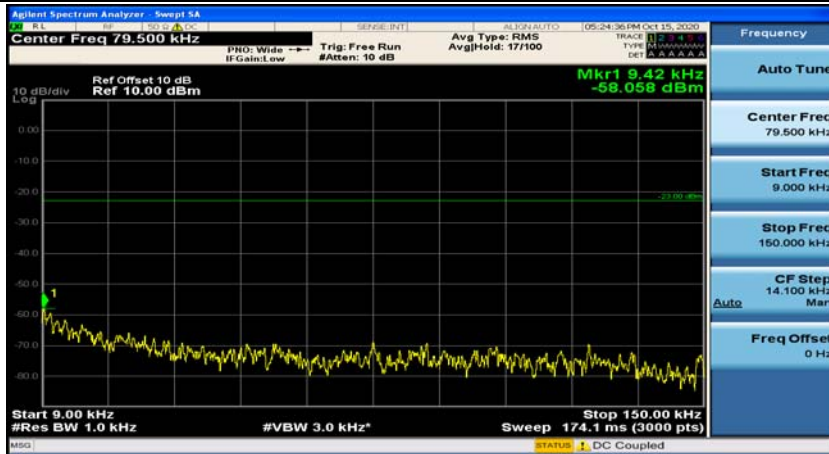




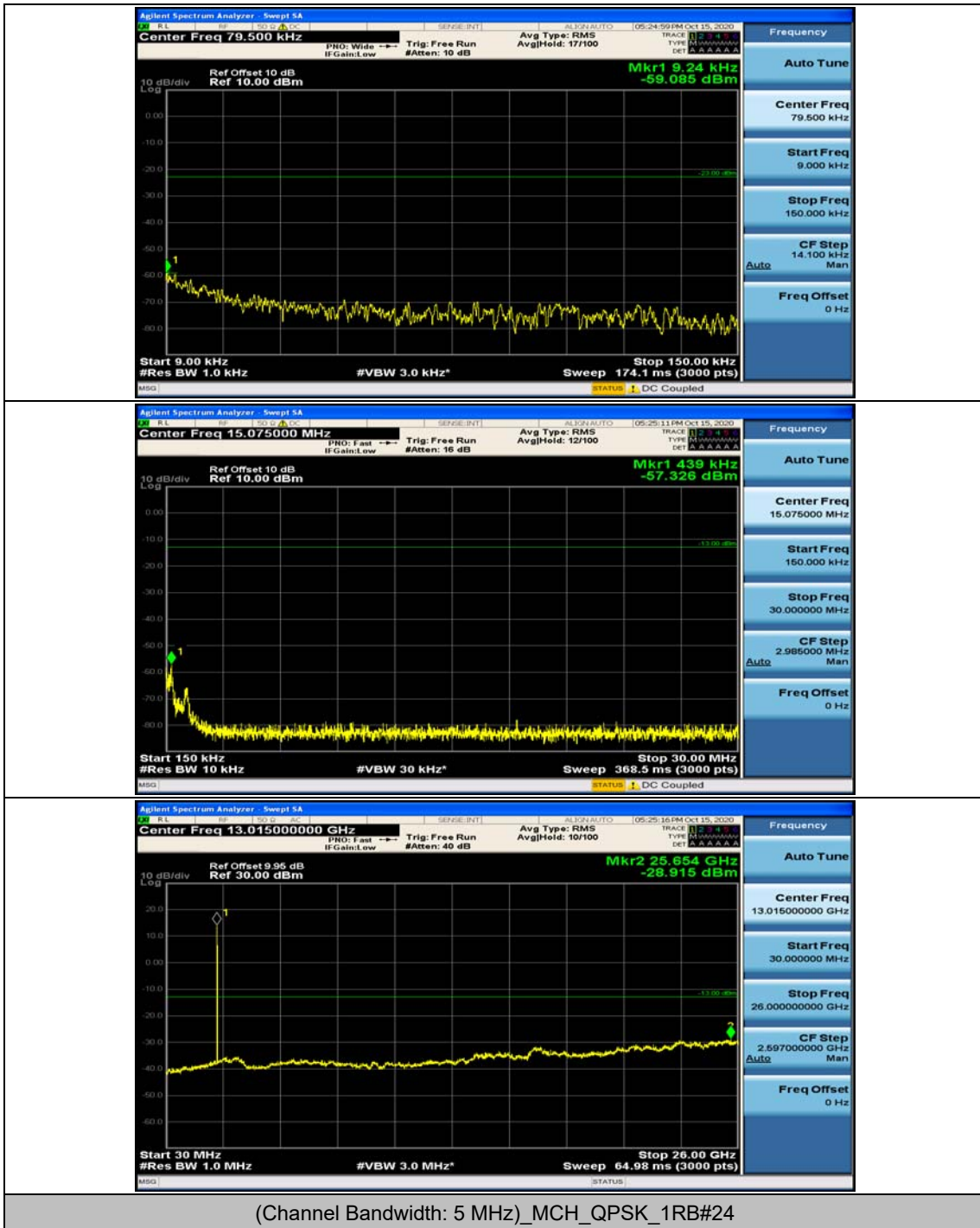


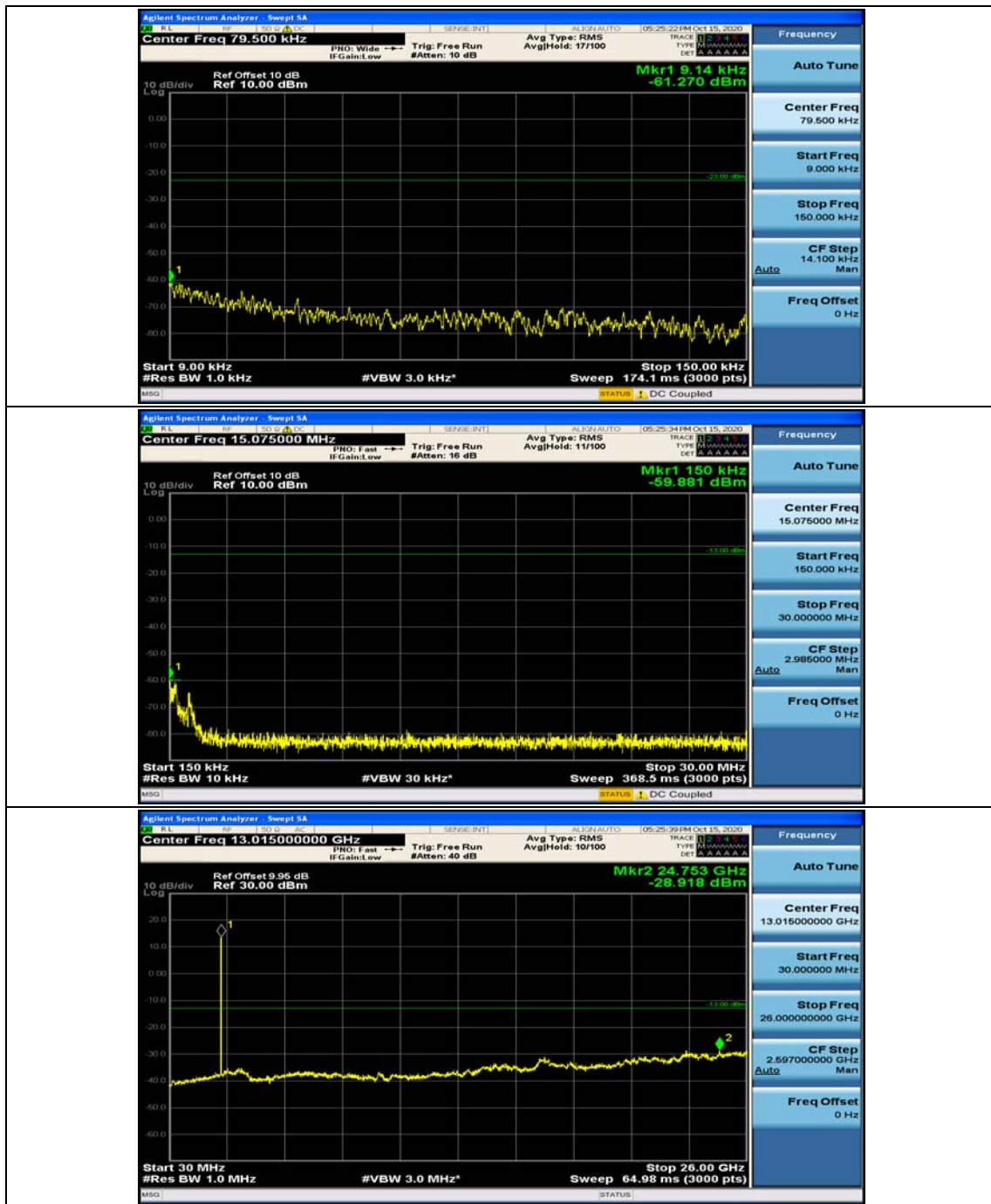


(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#0

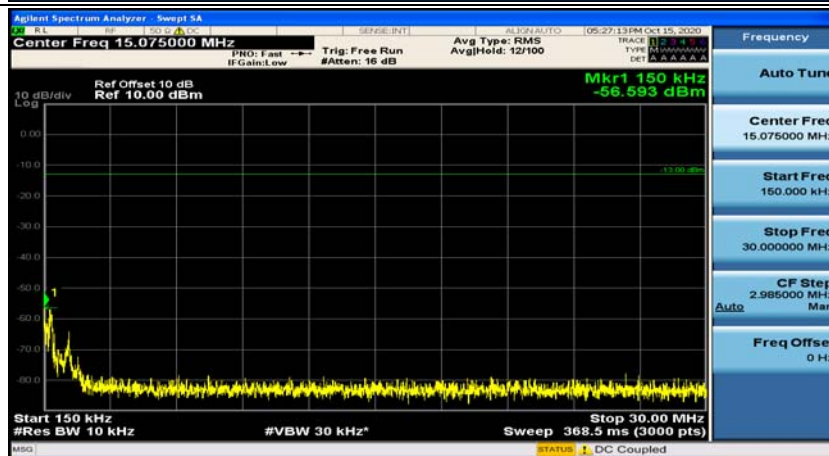
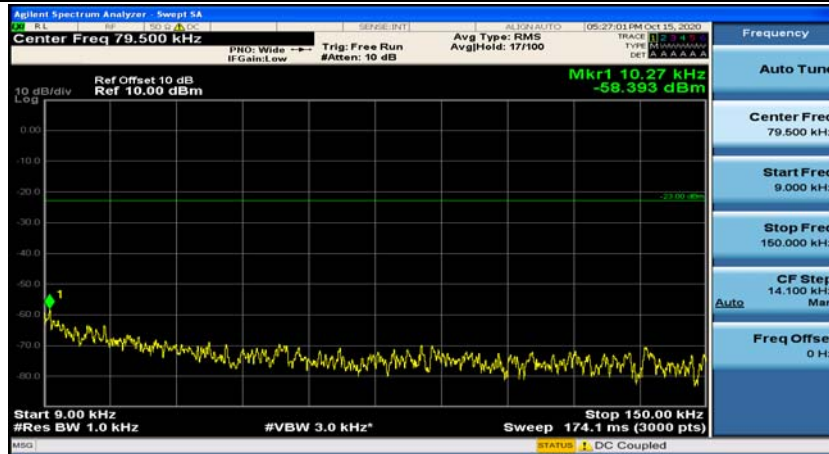


(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#12

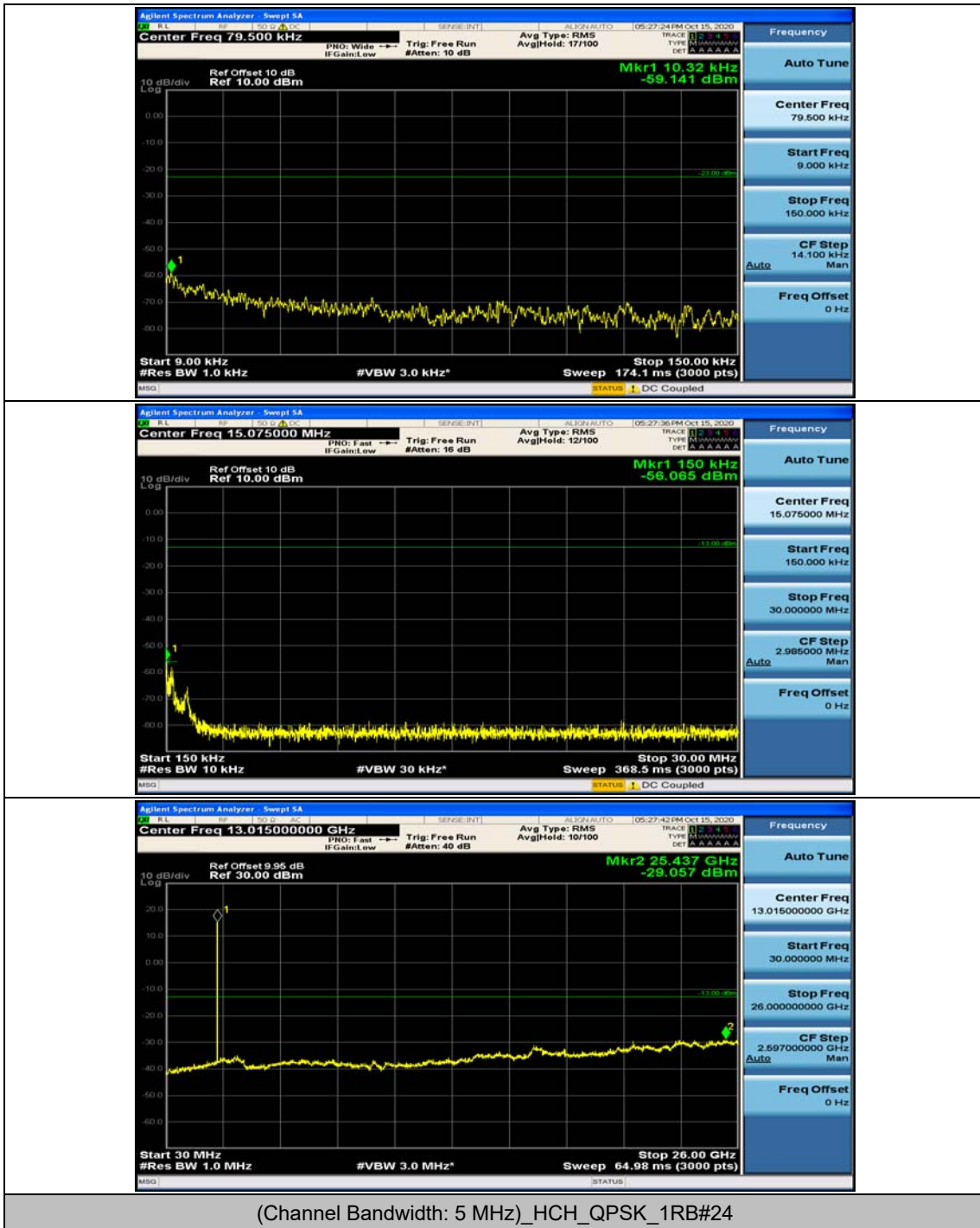


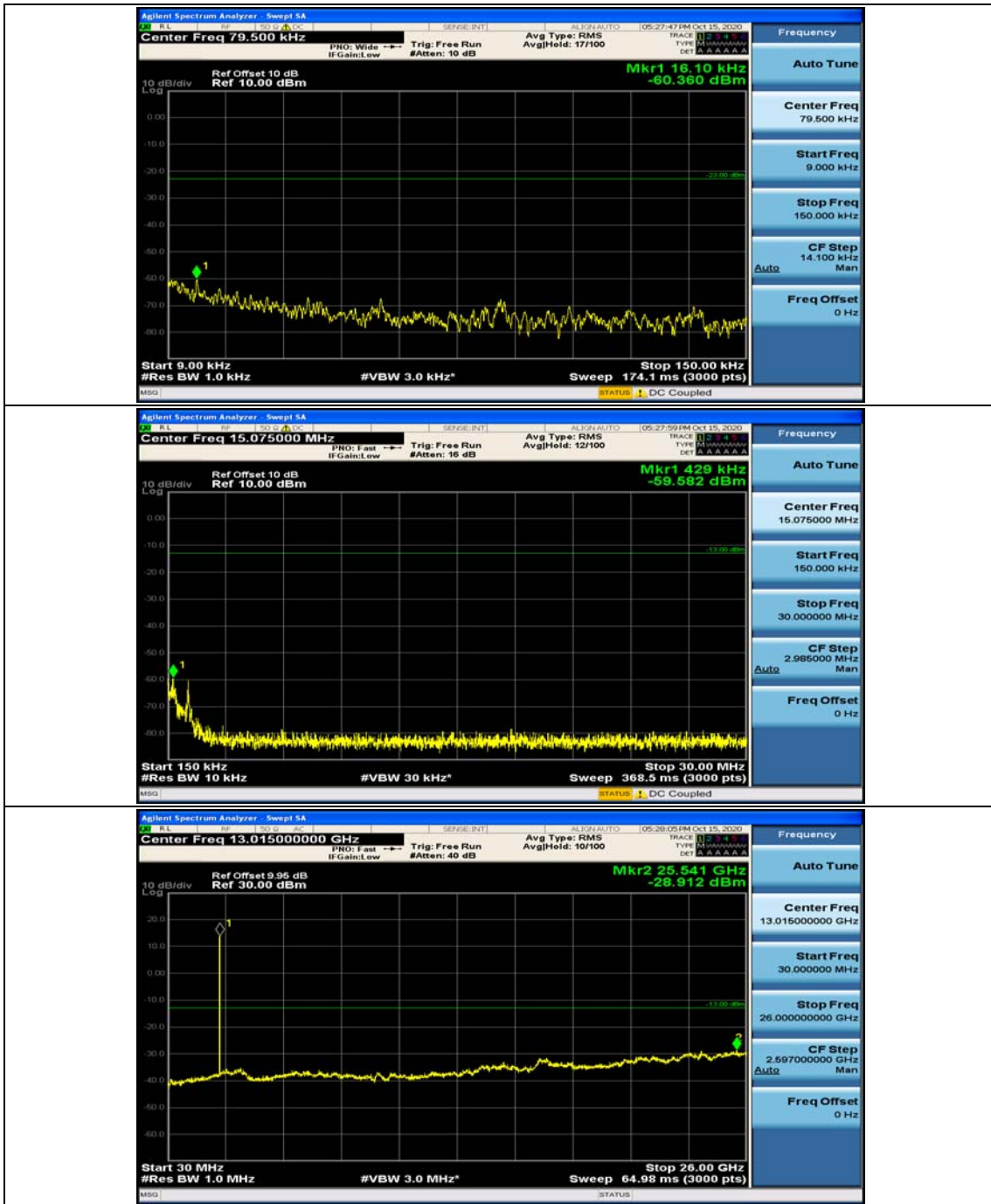


(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#0

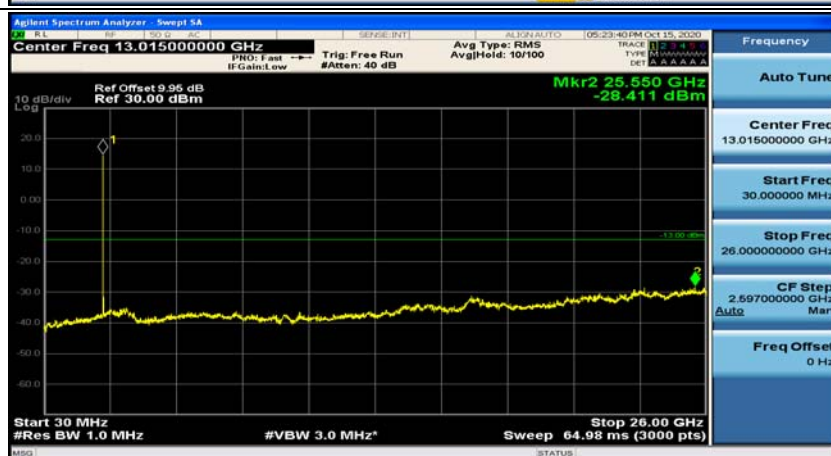
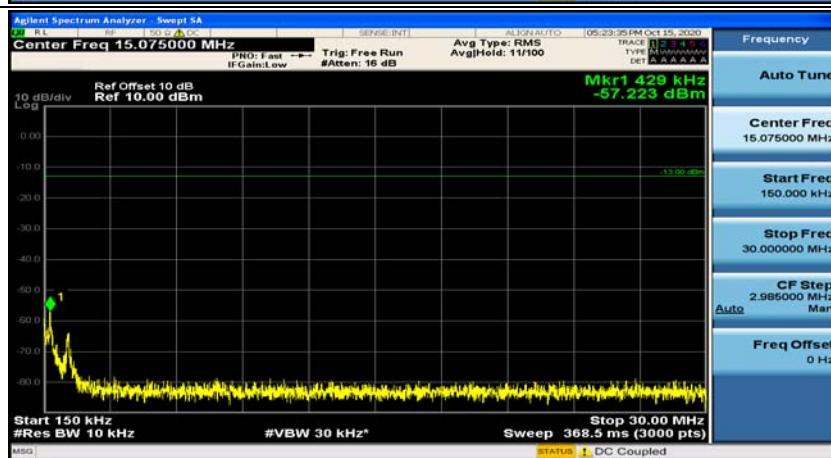
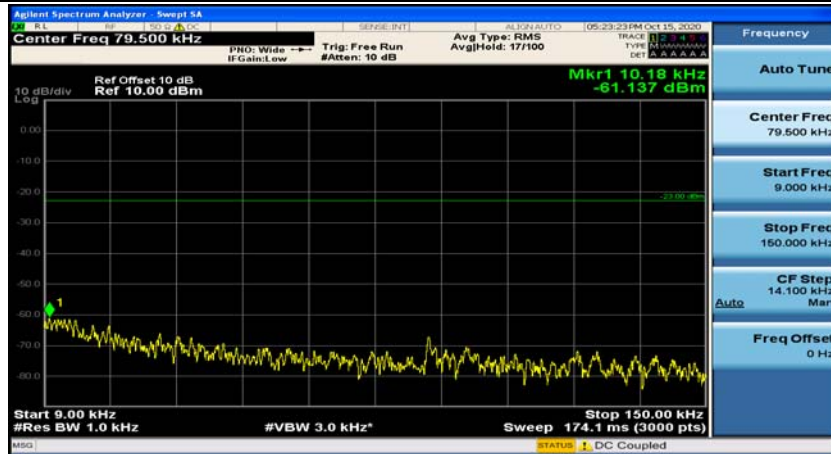


(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#12



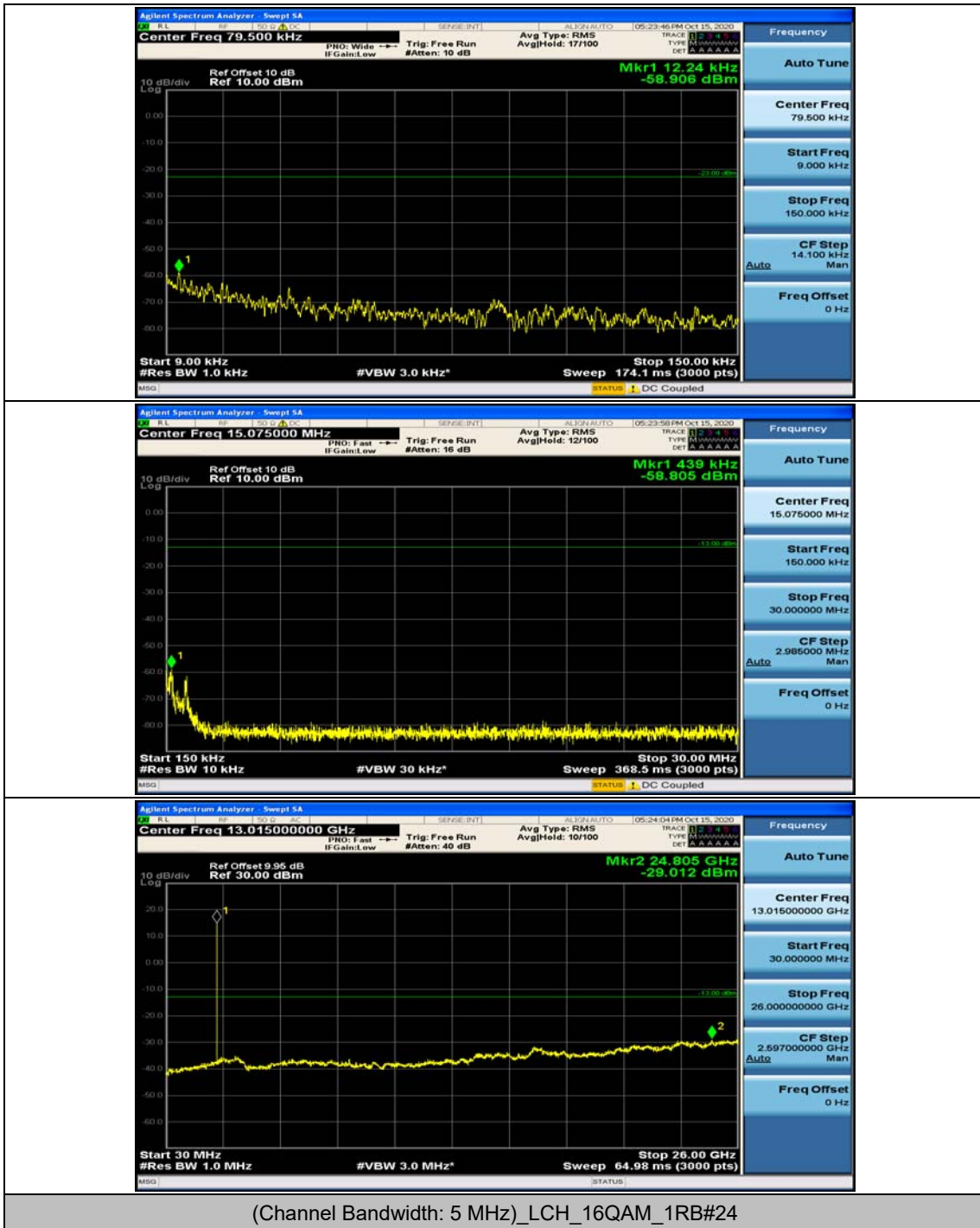


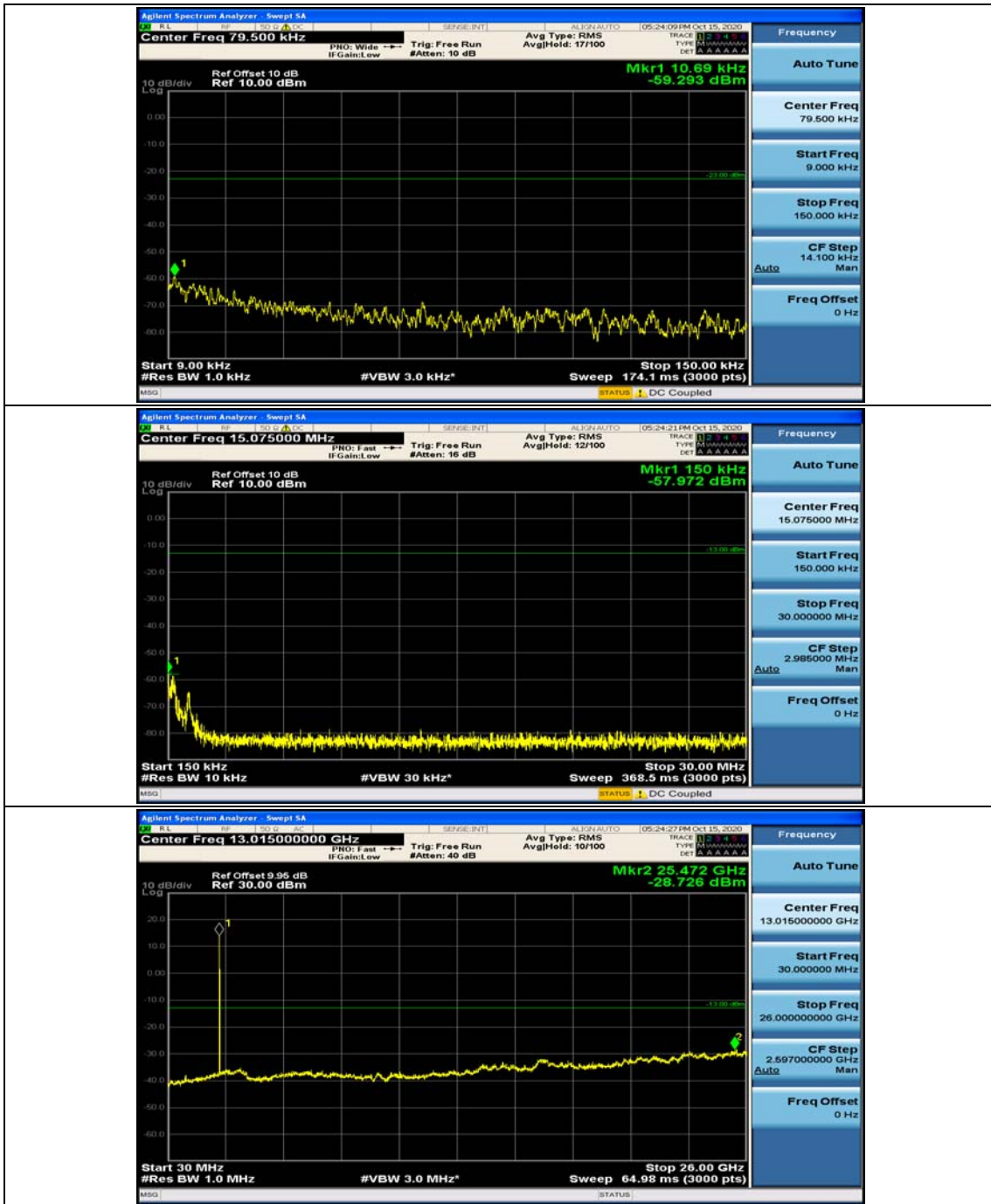
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#0



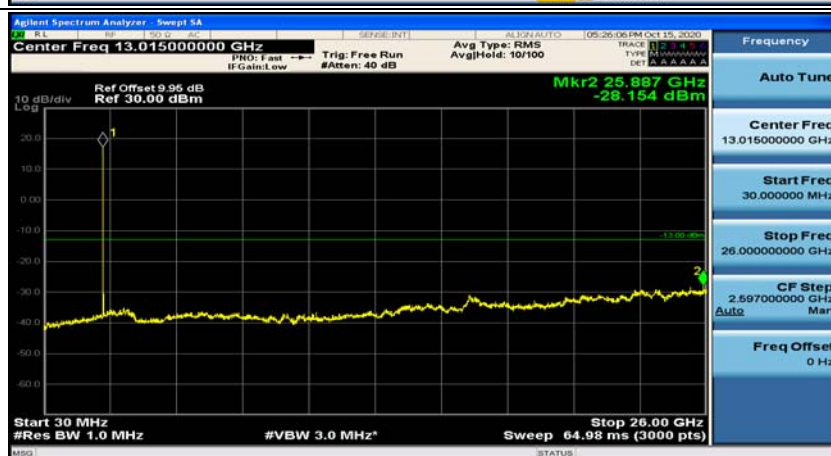
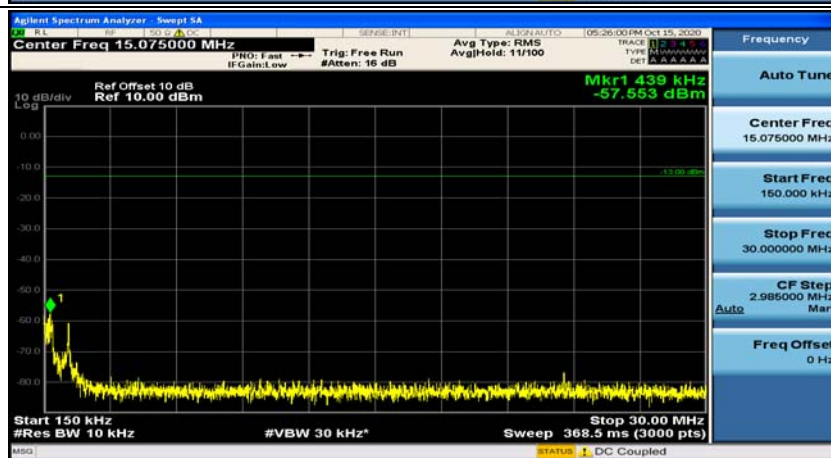
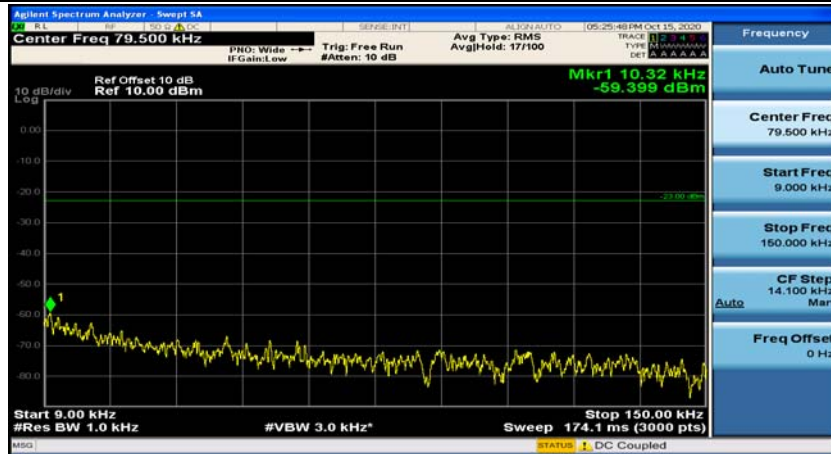
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#12



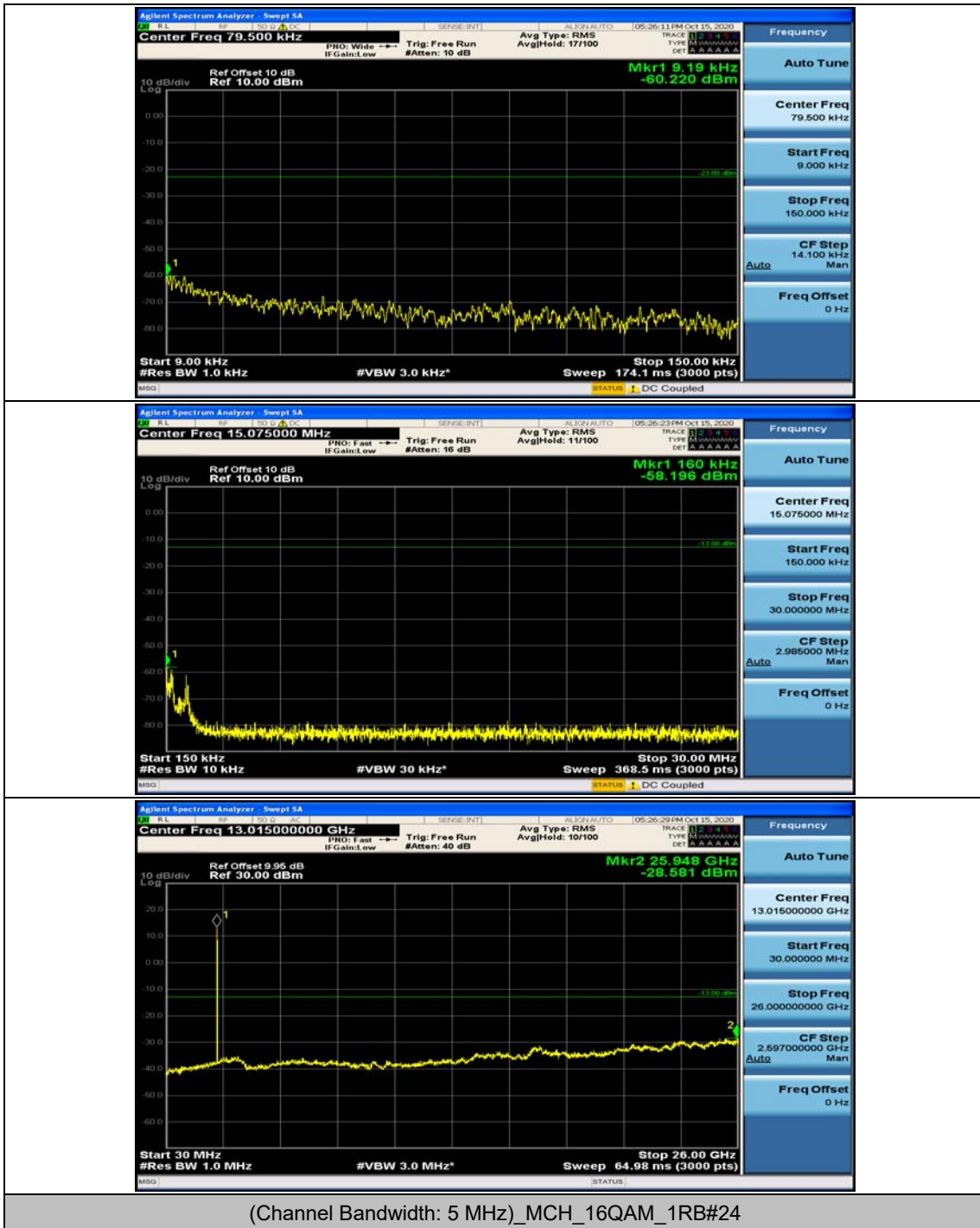


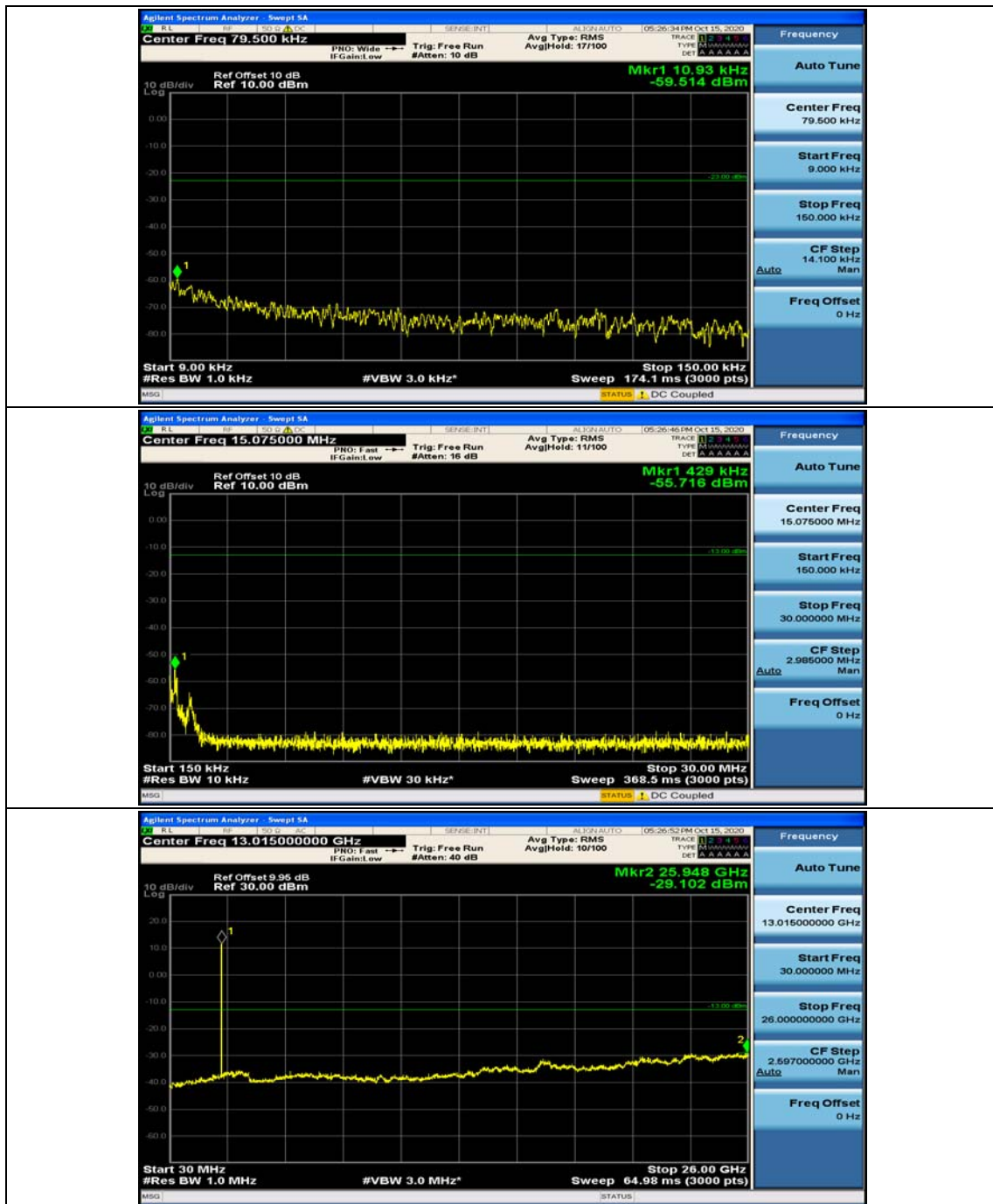


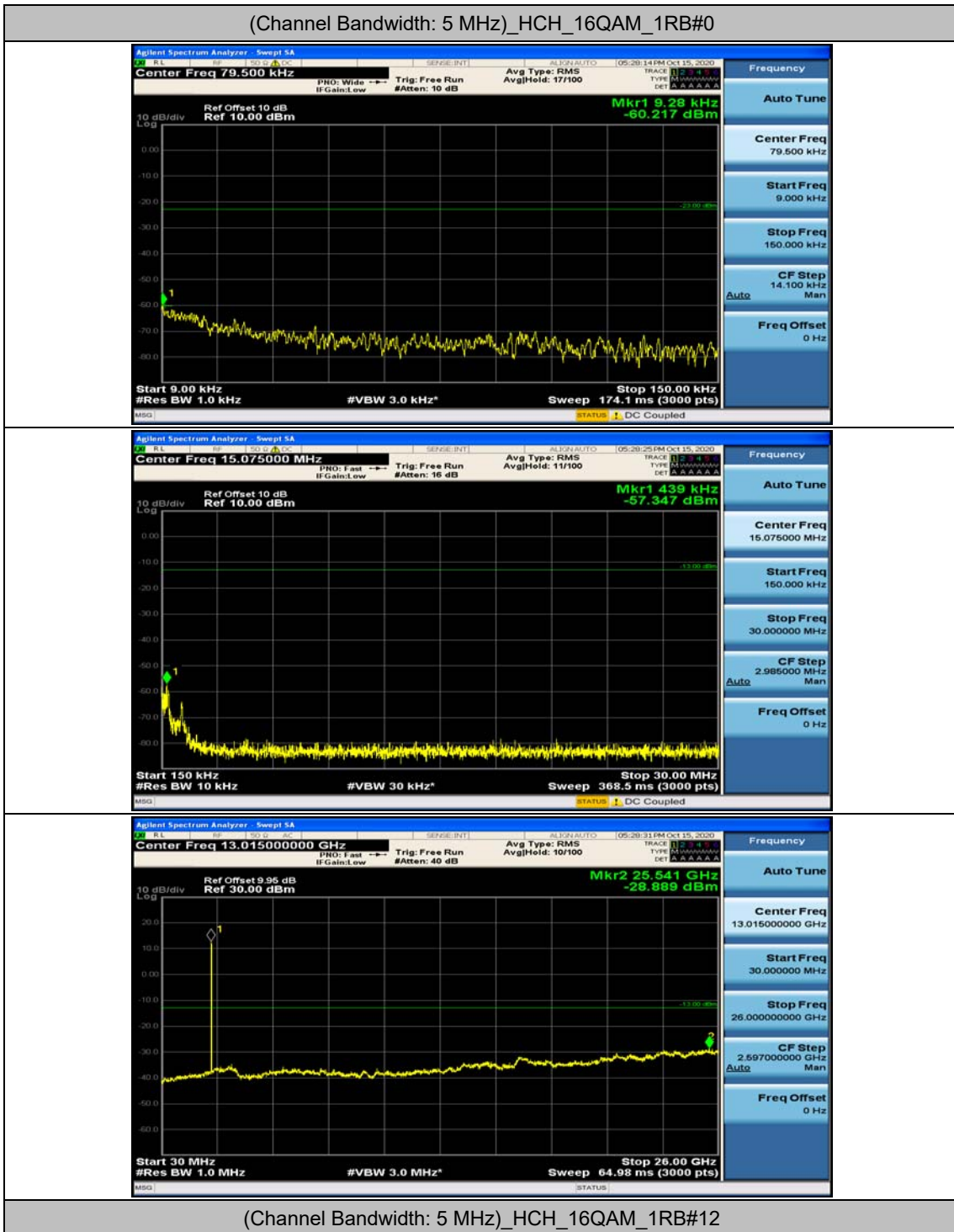
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_1RB#0

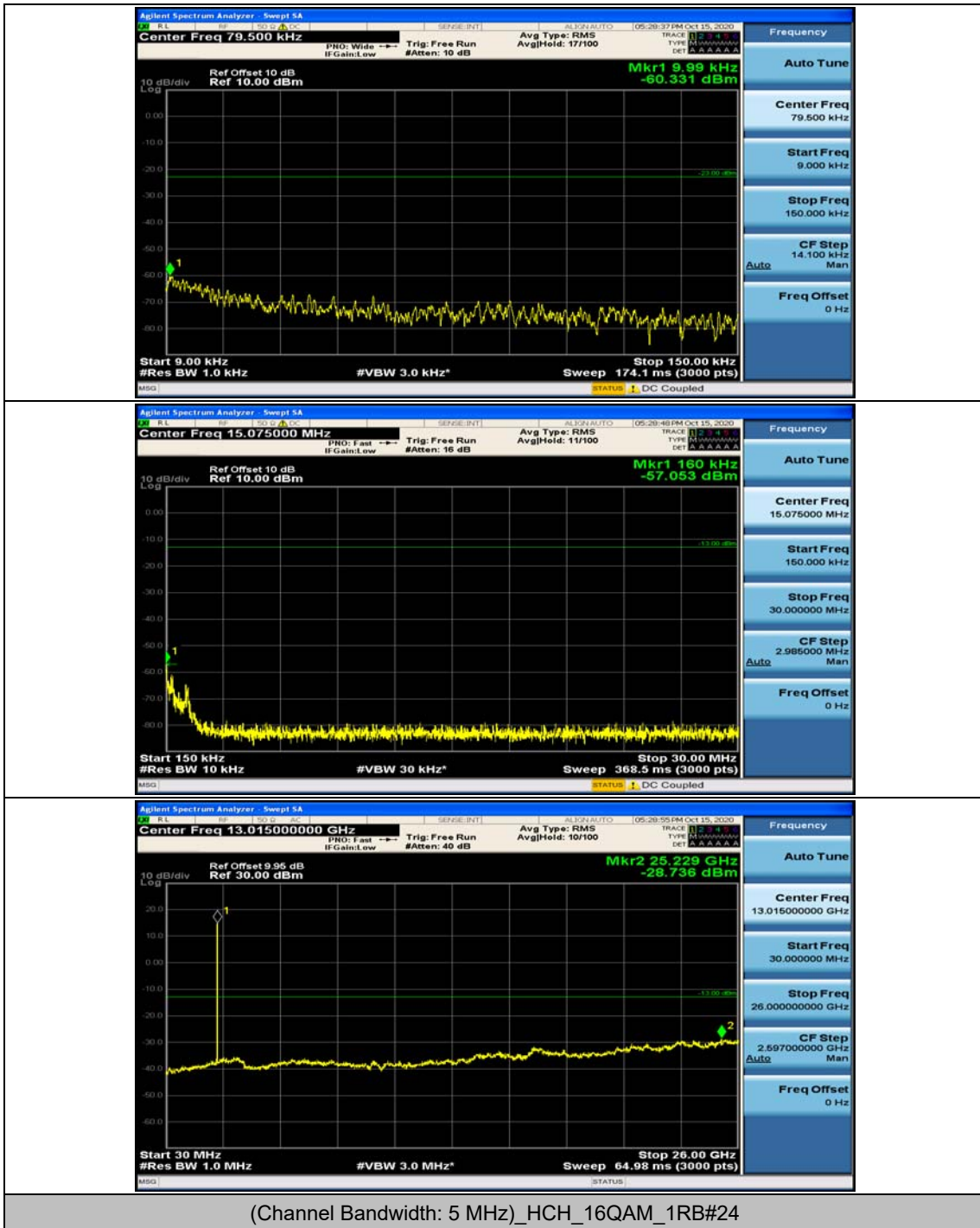


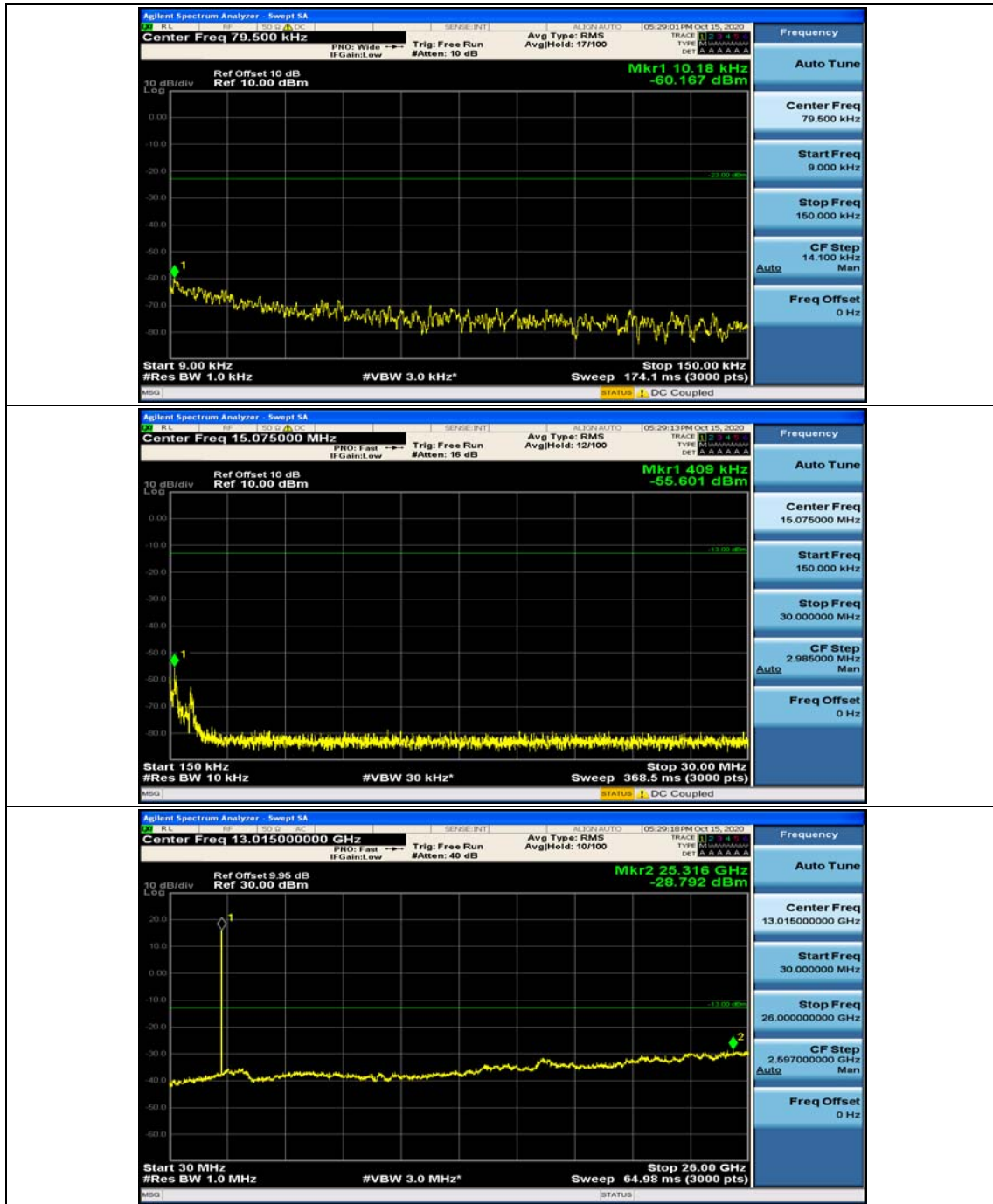
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_1RB#12



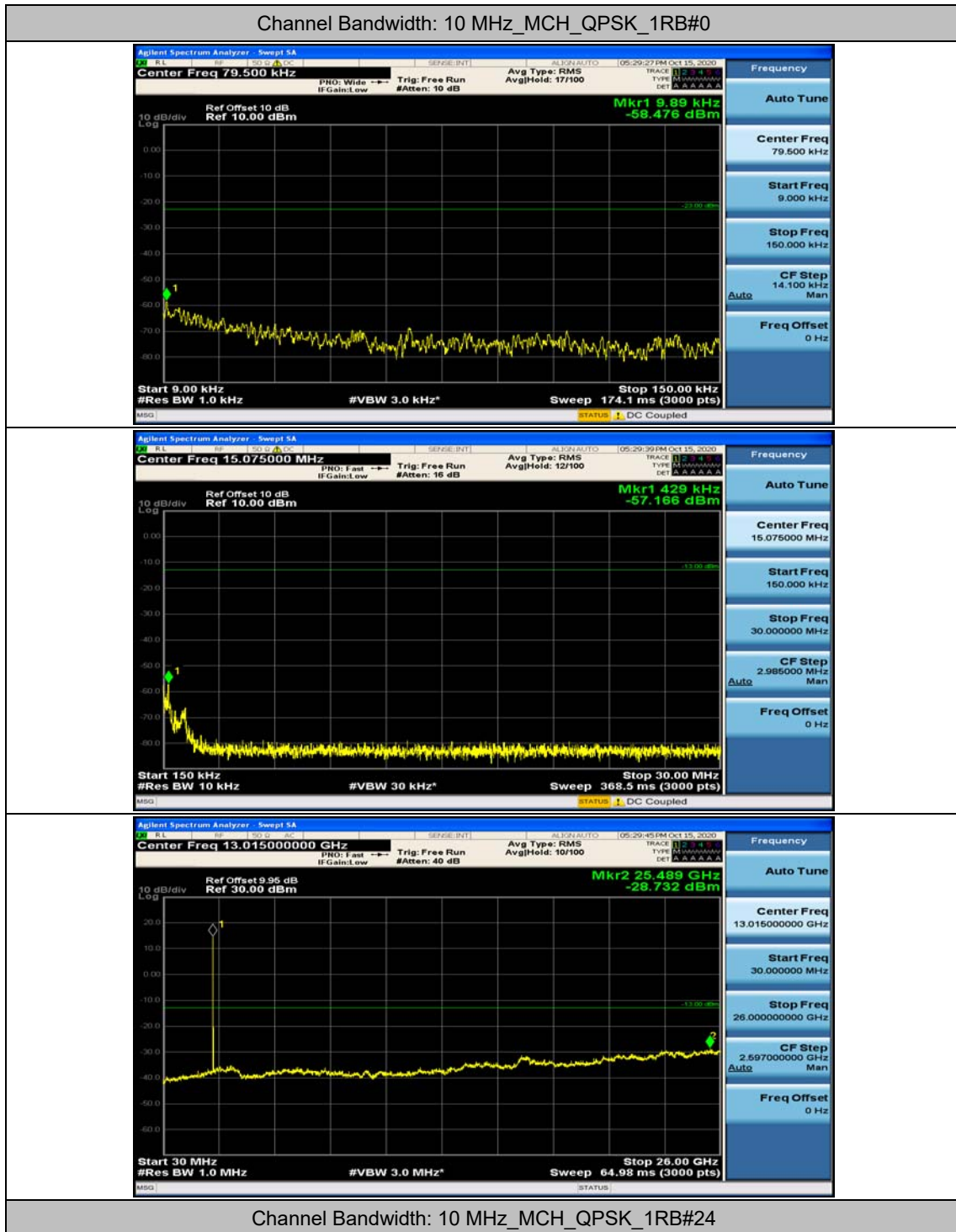


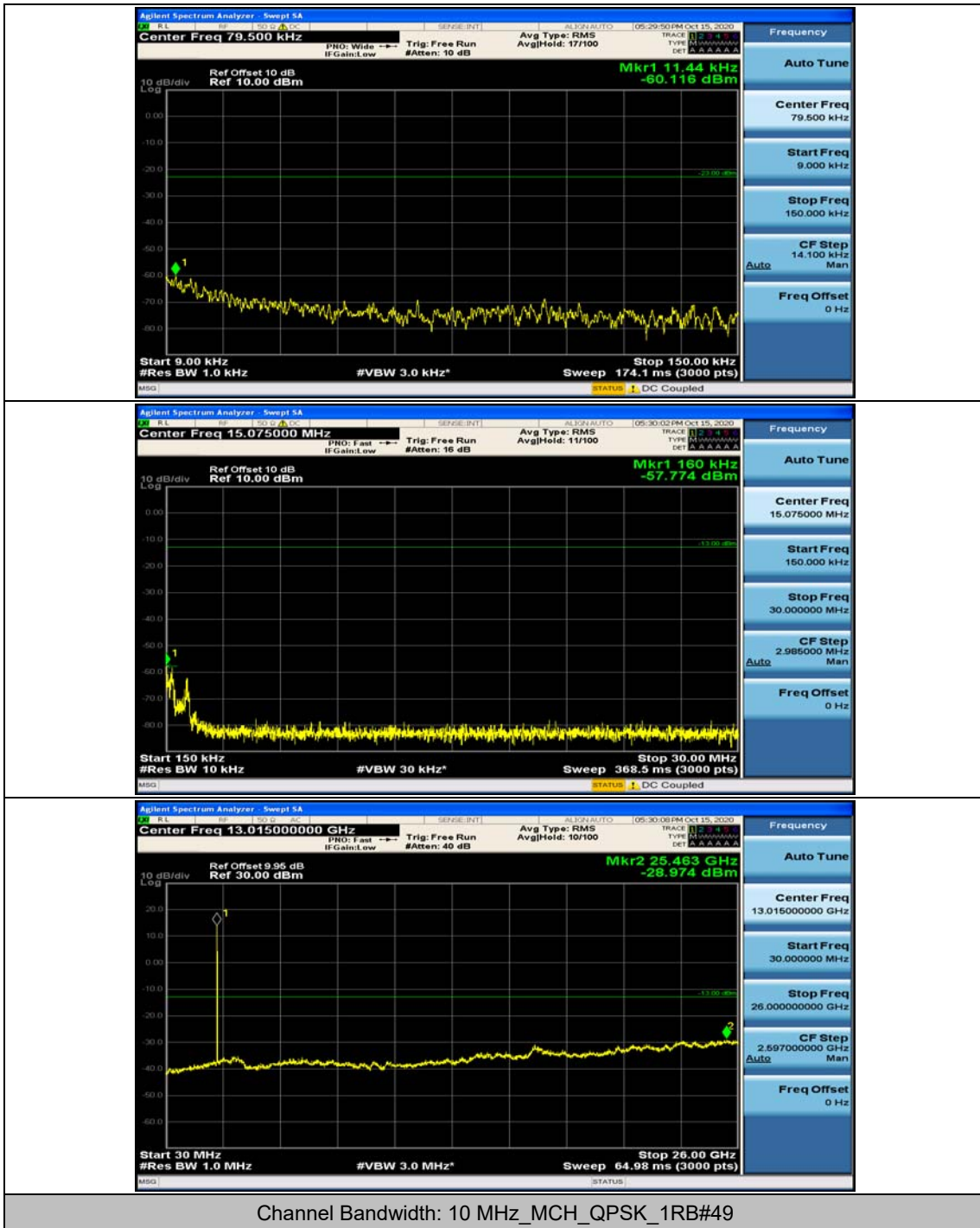


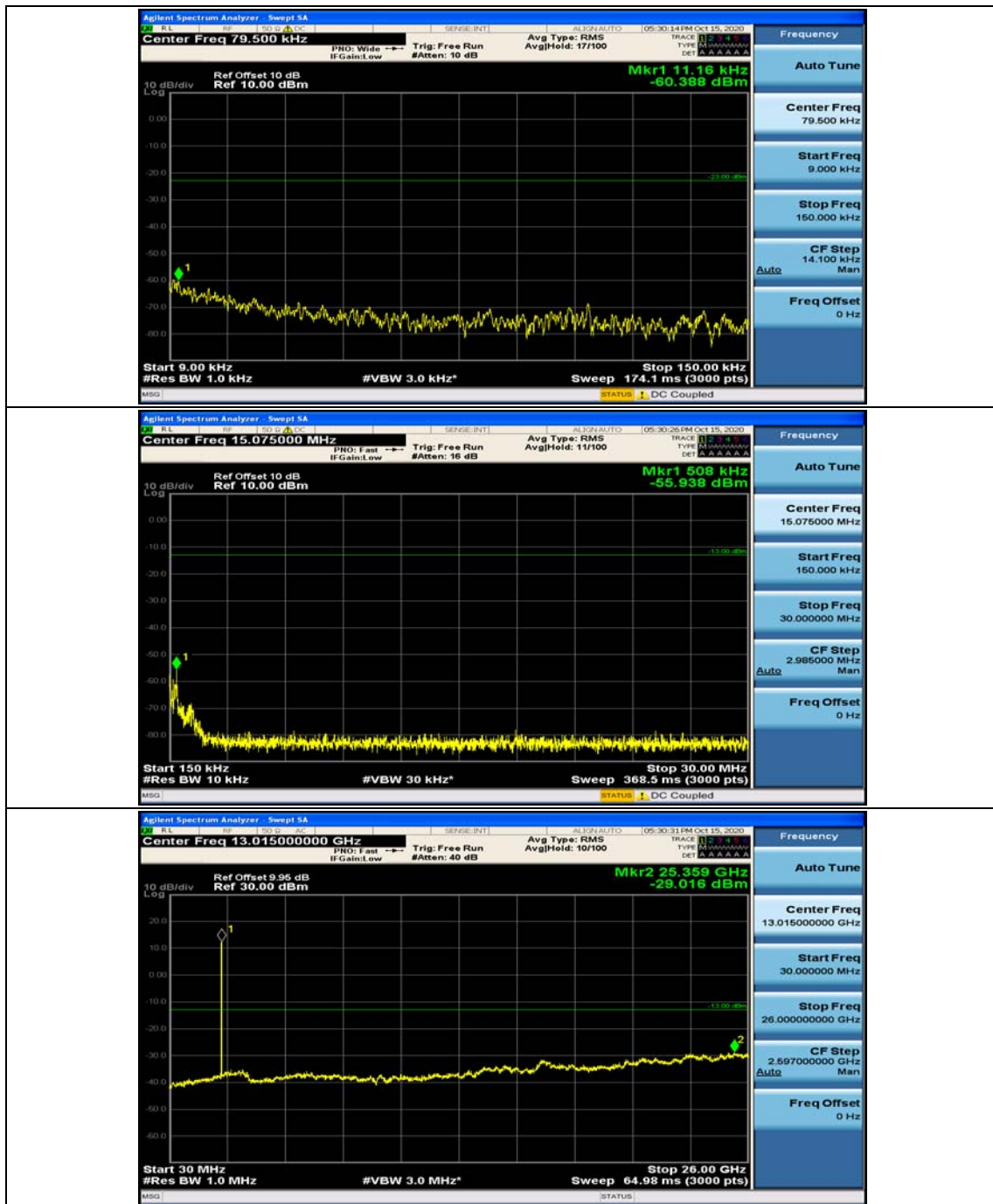


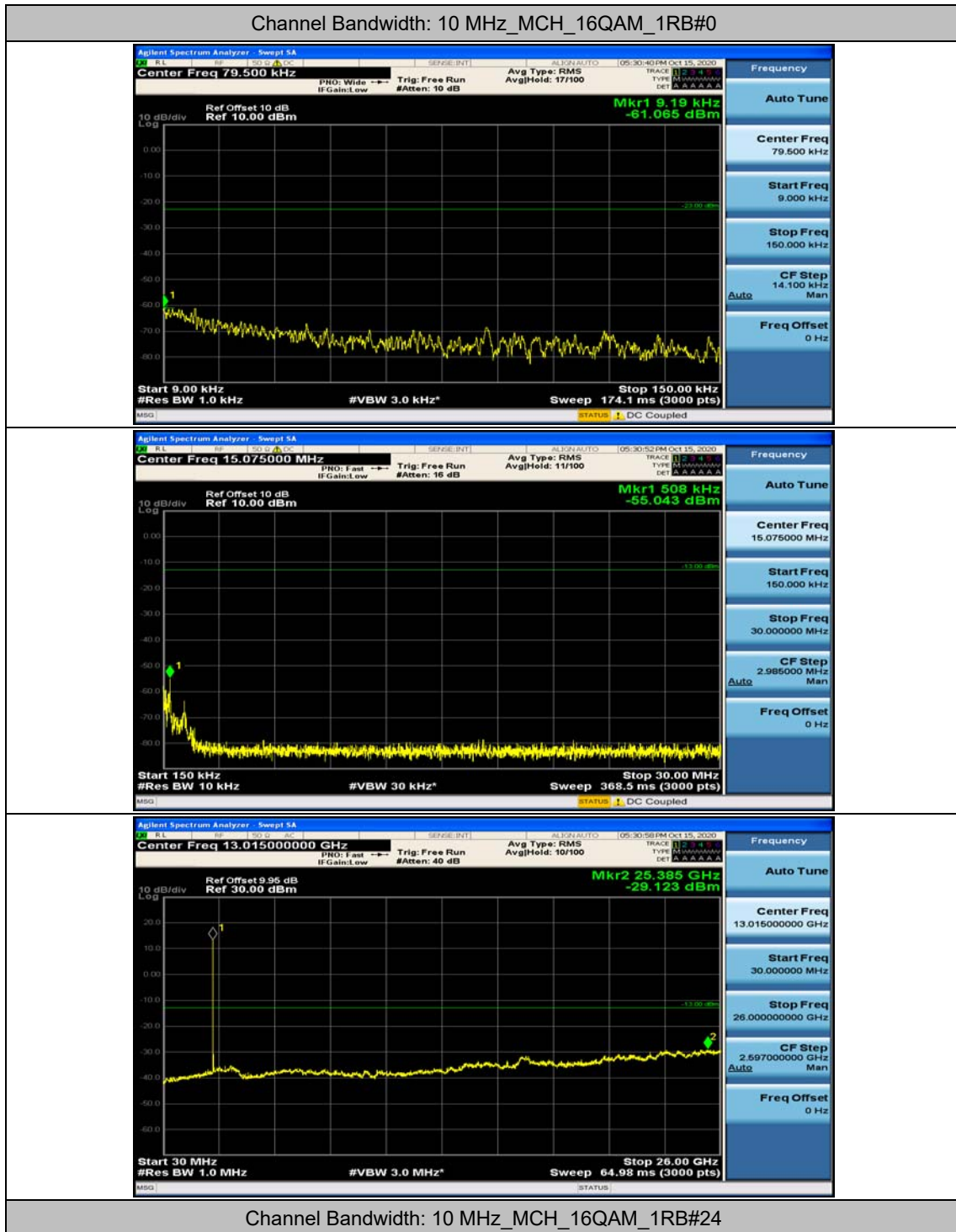


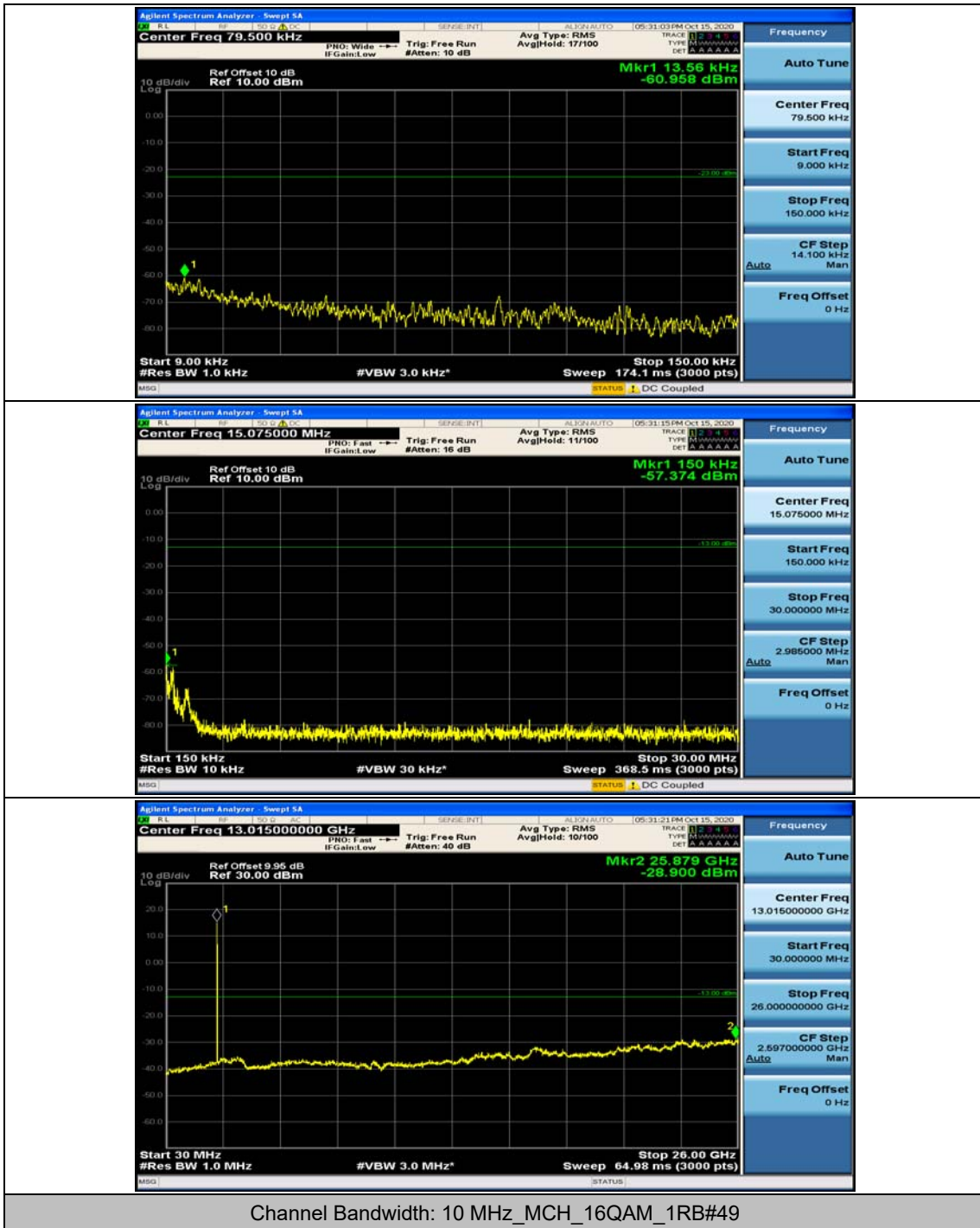


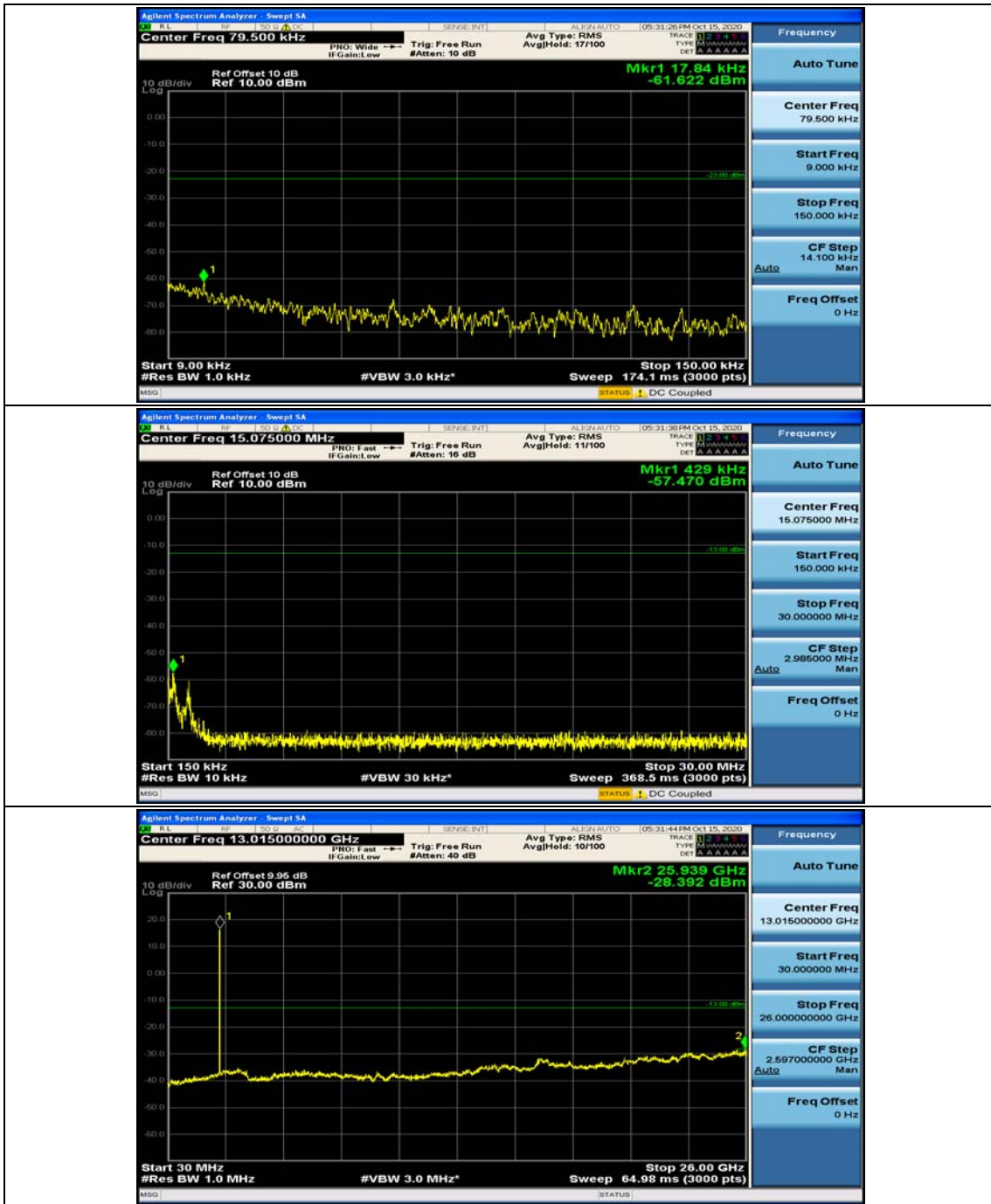












## Appendix F: Frequency Stability

### 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	-1.31	-0.000557	± 2.5	PASS
		VN	TN	-1.58	-0.000672	± 2.5	PASS
		VH	TN	2.82	0.001199	± 2.5	PASS
	MCH	VL	TN	3.7	0.001571	± 2.5	PASS
		VN	TN	0.45	0.000191	± 2.5	PASS
		VH	TN	-0.98	-0.000416	± 2.5	PASS
	HCH	VL	TN	-0.47	-0.000199	± 2.5	PASS
		VN	TN	-1.17	-0.000496	± 2.5	PASS
		VH	TN	4.48	0.001900	± 2.5	PASS
16QAM	LCH	VL	TN	-0.31	-0.000132	± 2.5	PASS
		VN	TN	-0.82	-0.000349	± 2.5	PASS
		VH	TN	3.33	0.001416	± 2.5	PASS
	MCH	VL	TN	3.36	0.001427	± 2.5	PASS
		VN	TN	-0.01	-0.000004	± 2.5	PASS
		VH	TN	2.83	0.001202	± 2.5	PASS
	HCH	VL	TN	4.44	0.001883	± 2.5	PASS
		VN	TN	0.09	0.000038	± 2.5	PASS
		VH	TN	3.61	0.001531	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	2.71	0.001152	± 2.5	PASS
		VN	-20	2.13	0.000905	± 2.5	PASS
		VN	-10	1.16	0.000493	± 2.5	PASS
		VN	0	0.15	0.000064	± 2.5	PASS
		VN	10	0.43	0.000183	± 2.5	PASS
		VN	20	4.79	0.002036	± 2.5	PASS
		VN	30	1.27	0.000540	± 2.5	PASS
		VN	40	1.61	0.000684	± 2.5	PASS
		VN	50	1.36	0.000578	± 2.5	PASS
	MCH	VN	-30	-1.31	-0.000556	± 2.5	PASS

		VN	-20	4.79	0.002034	± 2.5	PASS
		VN	-10	3.71	0.001575	± 2.5	PASS
		VN	0	2.61	0.001108	± 2.5	PASS
		VN	10	-0.77	-0.000327	± 2.5	PASS
		VN	20	-0.8	-0.000340	± 2.5	PASS
		VN	30	2.51	0.001066	± 2.5	PASS
		VN	40	-0.47	-0.000200	± 2.5	PASS
		VN	50	4.7	0.001996	± 2.5	PASS
	HCH	VN	-30	-1.47	-0.000624	± 2.5	PASS
		VN	-20	-1.83	-0.000776	± 2.5	PASS
		VN	-10	1.31	0.000556	± 2.5	PASS
		VN	0	-1.27	-0.000539	± 2.5	PASS
		VN	10	1.25	0.000530	± 2.5	PASS
		VN	20	2.54	0.001077	± 2.5	PASS
		VN	30	1.24	0.000526	± 2.5	PASS
		VN	40	-1.75	-0.000742	± 2.5	PASS
		VN	50	-1.02	-0.000433	± 2.5	PASS
		16QAM	LCH	VN	-30	0.9	0.000383
VN	-20			3.95	0.001679	± 2.5	PASS
VN	-10			-1.19	-0.000506	± 2.5	PASS
VN	0			0.58	0.000247	± 2.5	PASS
VN	10			2.83	0.001203	± 2.5	PASS
VN	20			1.36	0.000578	± 2.5	PASS
VN	30			0.96	0.000408	± 2.5	PASS
VN	40			2.34	0.000995	± 2.5	PASS
VN	50			4.23	0.001798	± 2.5	PASS
MCH	VN		-30	2.54	0.001079	± 2.5	PASS
	VN		-20	4.03	0.001711	± 2.5	PASS
	VN		-10	-0.95	-0.000403	± 2.5	PASS
	VN		0	1.63	0.000692	± 2.5	PASS
	VN		10	2.67	0.001134	± 2.5	PASS
	VN		20	-0.48	-0.000204	± 2.5	PASS
	VN		30	-0.21	-0.000089	± 2.5	PASS
	VN		40	0.41	0.000174	± 2.5	PASS
	VN		50	-0.42	-0.000178	± 2.5	PASS
HCH	VN		-30	-0.08	-0.000034	± 2.5	PASS
	VN		-20	1.47	0.000624	± 2.5	PASS
	VN		-10	0.34	0.000144	± 2.5	PASS
	VN		0	-0.4	-0.000170	± 2.5	PASS
	VN		10	0.11	0.000047	± 2.5	PASS
	VN		20	3.01	0.001277	± 2.5	PASS



		VN	30	0.73	0.000310	± 2.5	PASS
		VN	40	2.45	0.001039	± 2.5	PASS
		VN	50	-0.59	-0.000250	± 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	-1.46	-0.000620	± 2.5	PASS
		VN	TN	3.29	0.001397	± 2.5	PASS
		VH	TN	2.41	0.001023	± 2.5	PASS
16QAM	MCH	VL	TN	4.47	0.001898	± 2.5	PASS
		VN	TN	1.15	0.000488	± 2.5	PASS
		VH	TN	0.98	0.000416	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	MCH	VN	-30	0.45	0.000191	± 2.5	PASS
		VN	-20	0.06	0.000025	± 2.5	PASS
		VN	-10	-0.02	-0.000008	± 2.5	PASS
		VN	0	4.16	0.001766	± 2.5	PASS
		VN	10	1.68	0.000713	± 2.5	PASS
		VN	20	2.39	0.001015	± 2.5	PASS
		VN	30	4.91	0.002085	± 2.5	PASS
		VN	40	4.28	0.001817	± 2.5	PASS
		VN	50	0.28	0.000119	± 2.5	PASS
16QAM	MCH	VN	-30	-1.3	-0.000552	± 2.5	PASS
		VN	-20	-1.66	-0.000705	± 2.5	PASS
		VN	-10	4.61	0.001958	± 2.5	PASS
		VN	0	0.53	0.000225	± 2.5	PASS
		VN	10	3.64	0.001546	± 2.5	PASS
		VN	20	0.76	0.000323	± 2.5	PASS
		VN	30	-1.81	-0.000769	± 2.5	PASS
		VN	40	2.25	0.000955	± 2.5	PASS
		VN	50	3.08	0.001308	± 2.5	PASS