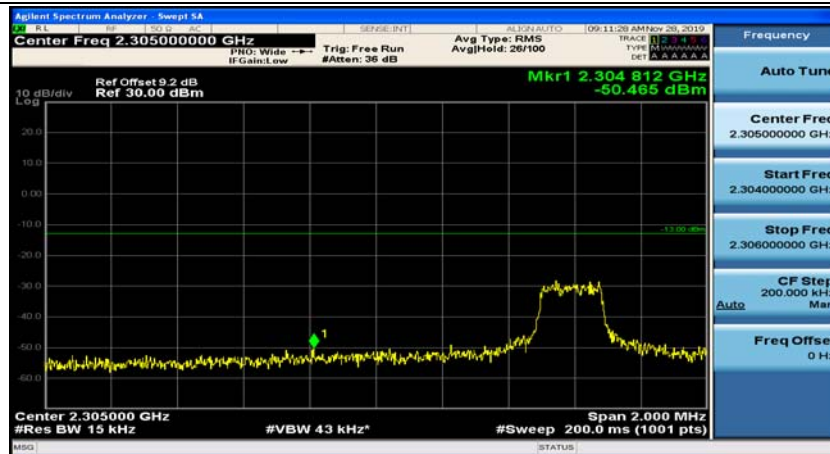
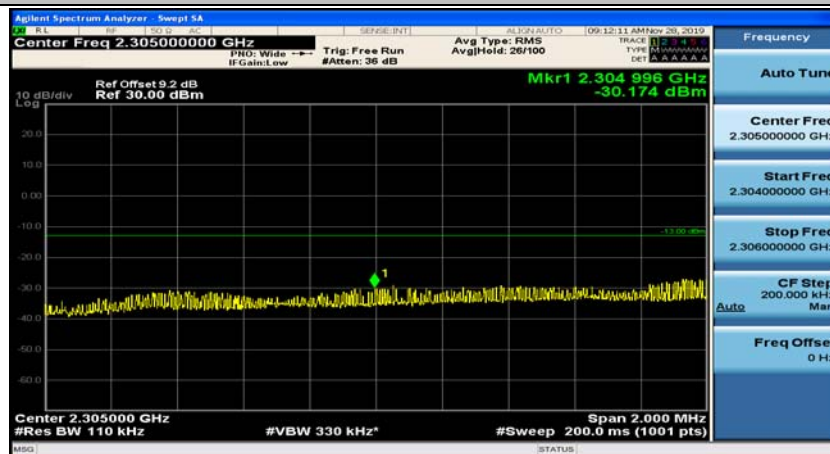




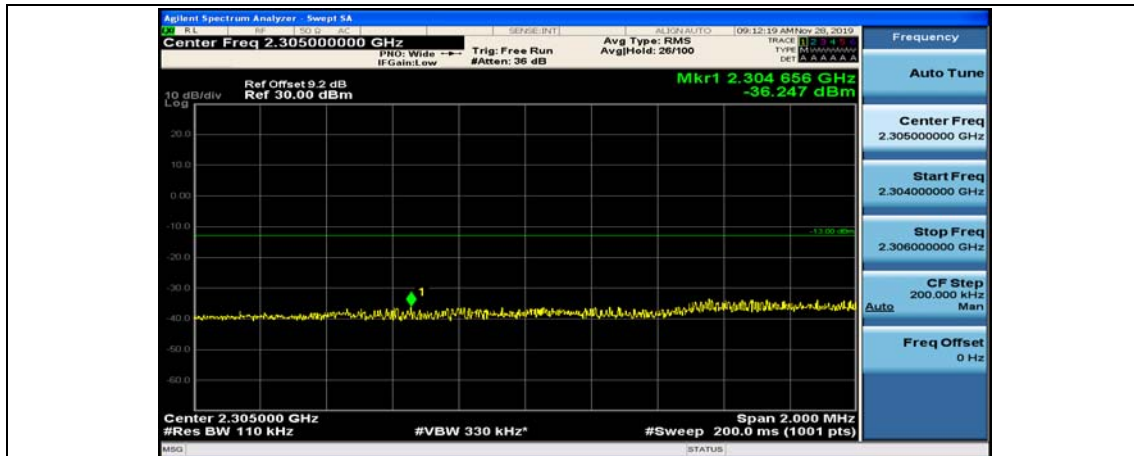
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0



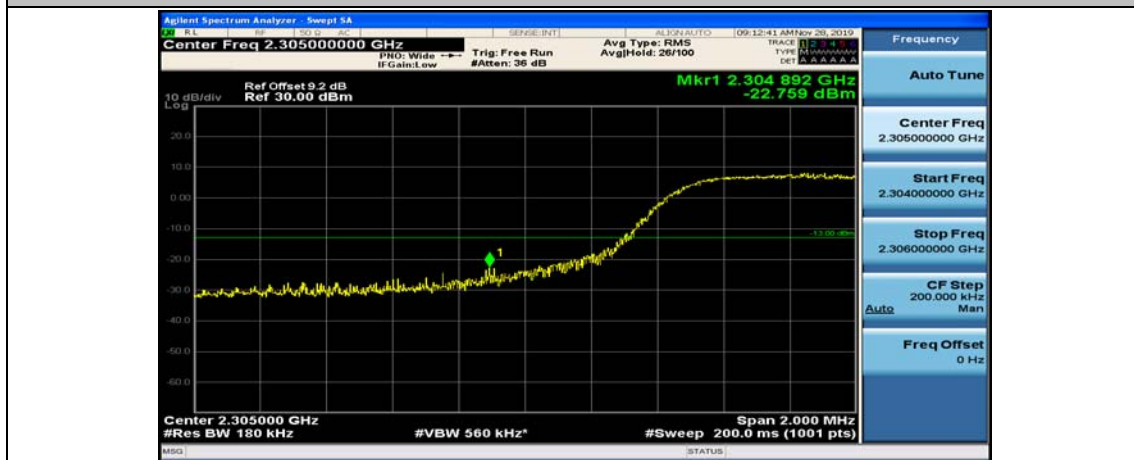
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12



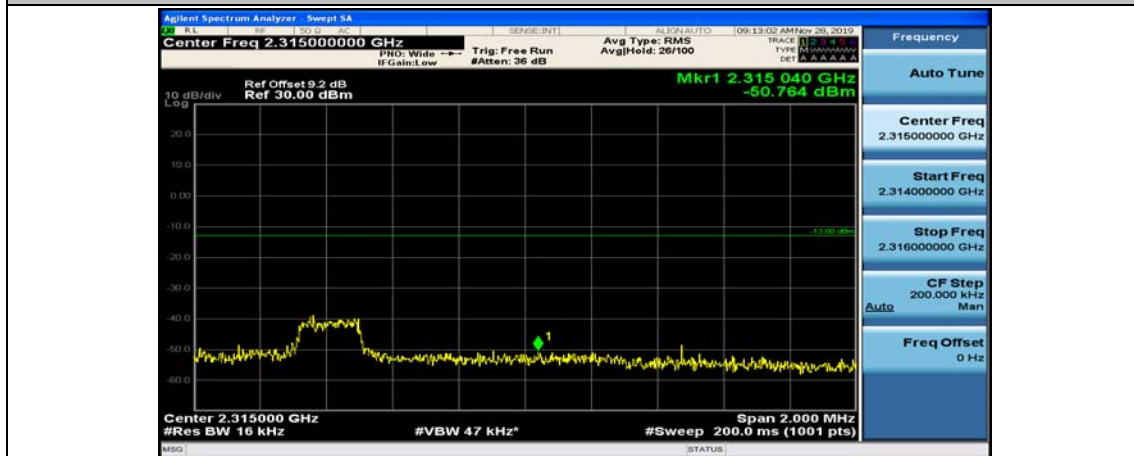
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25



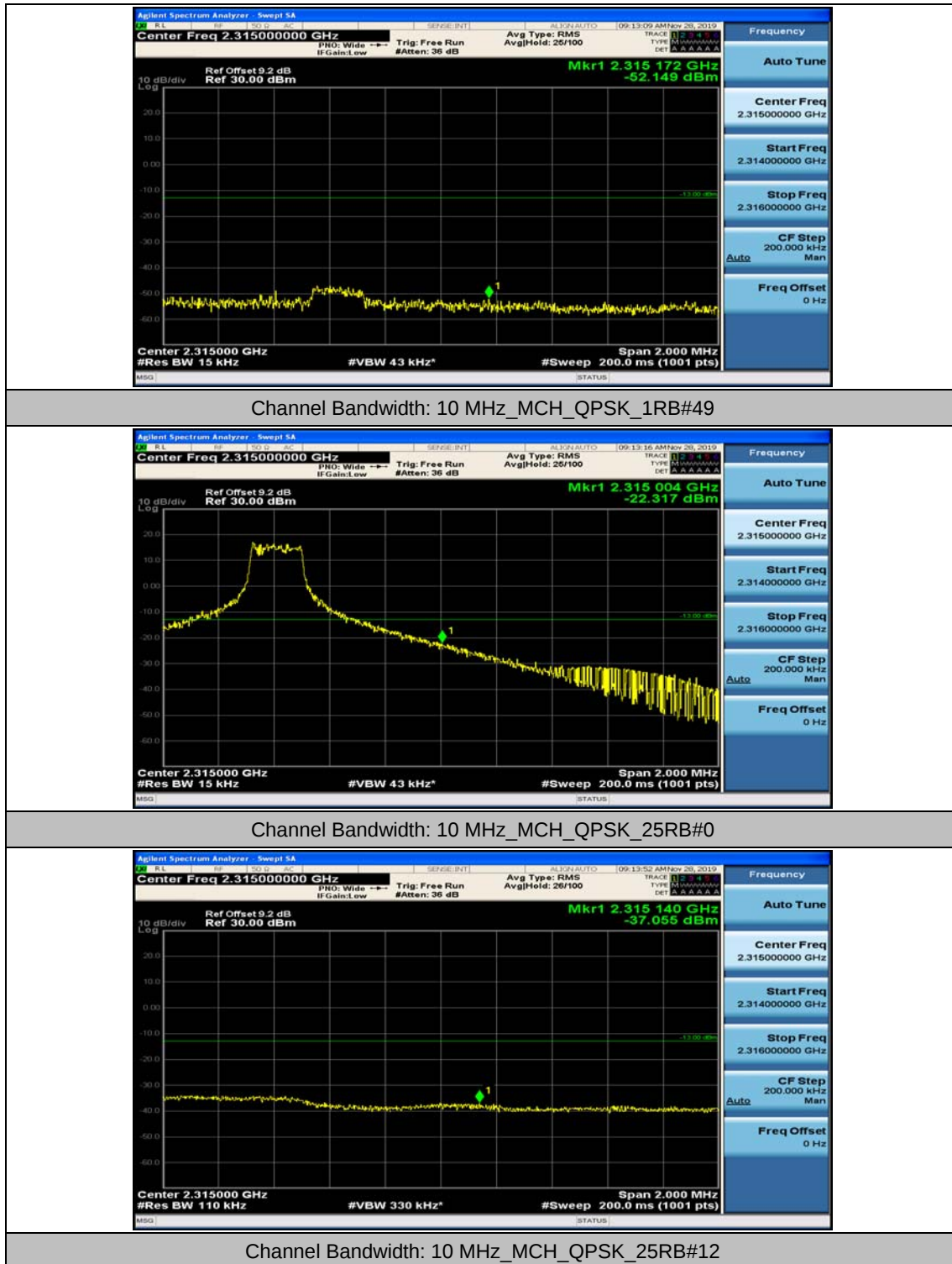
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0

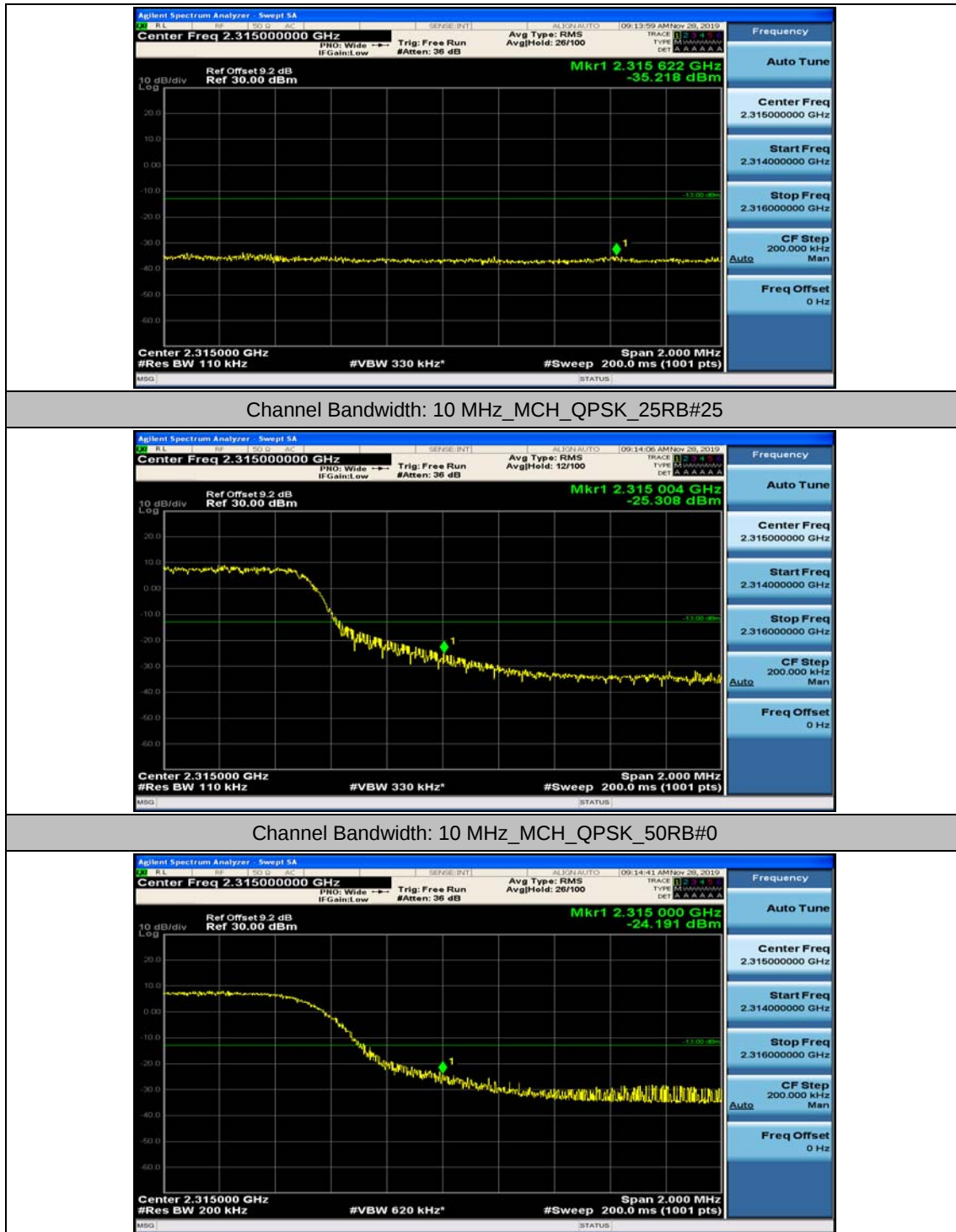


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

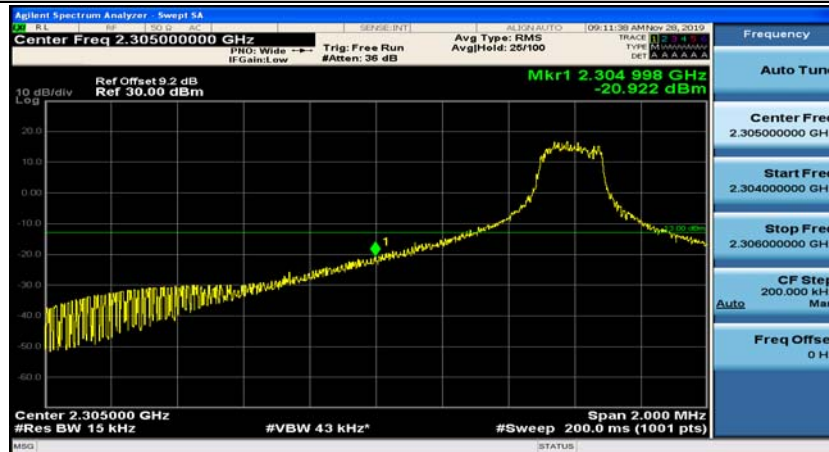


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

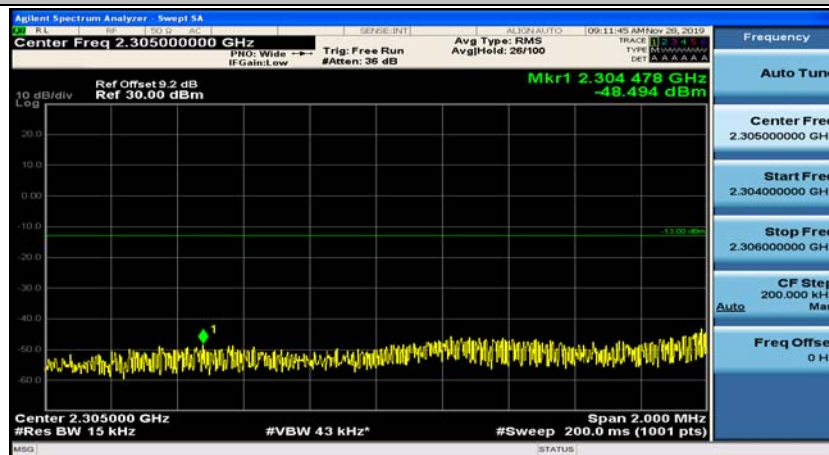




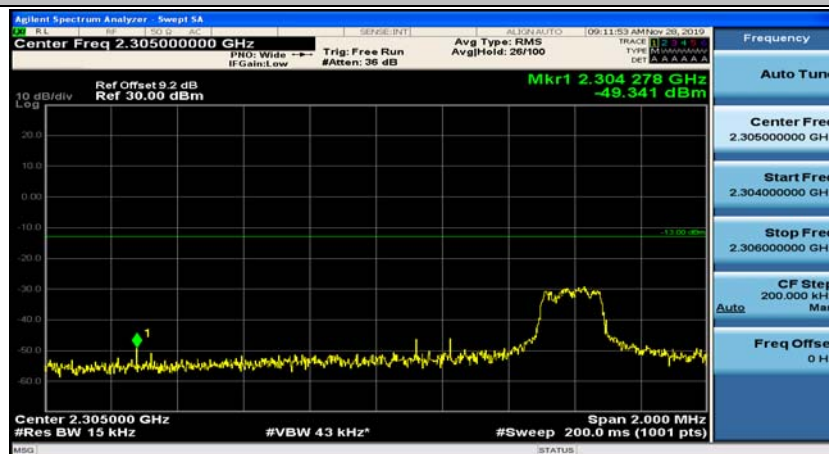
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

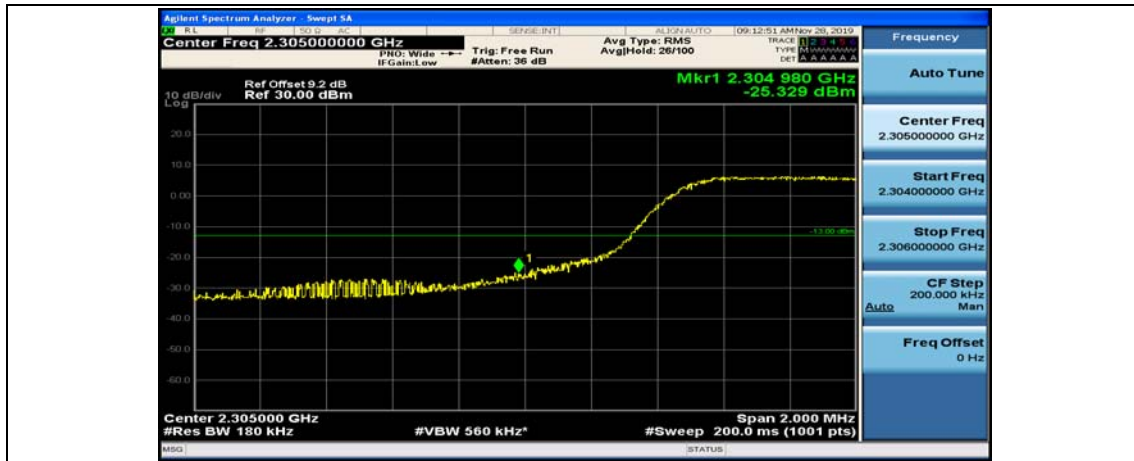


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

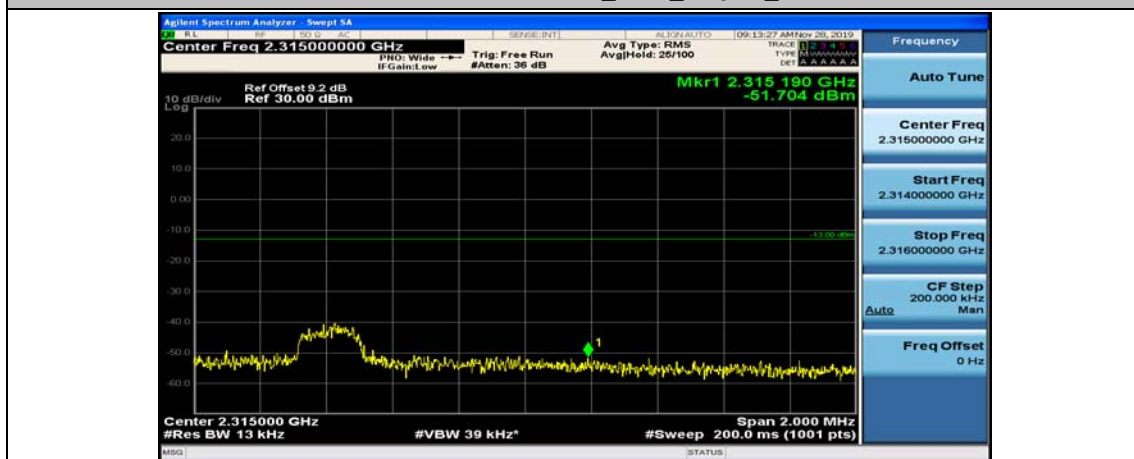


Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0

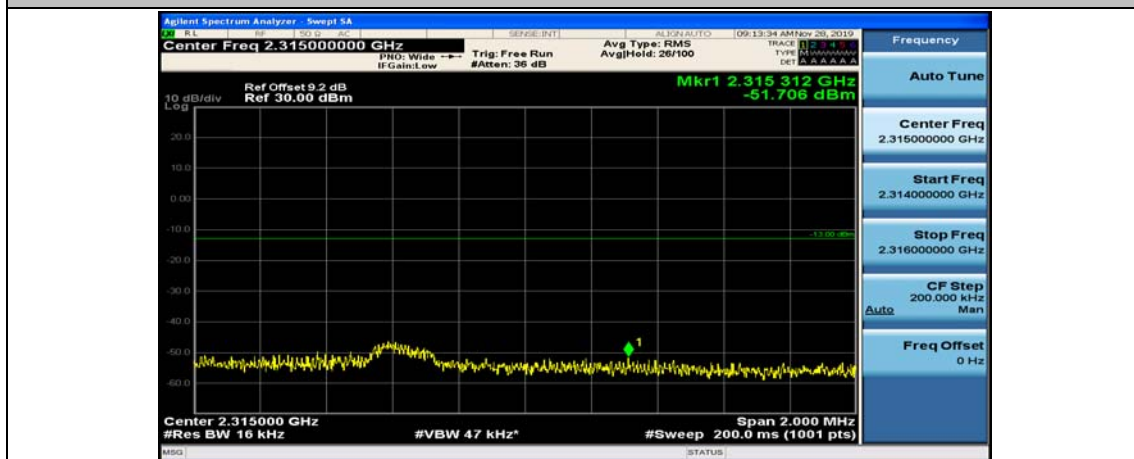




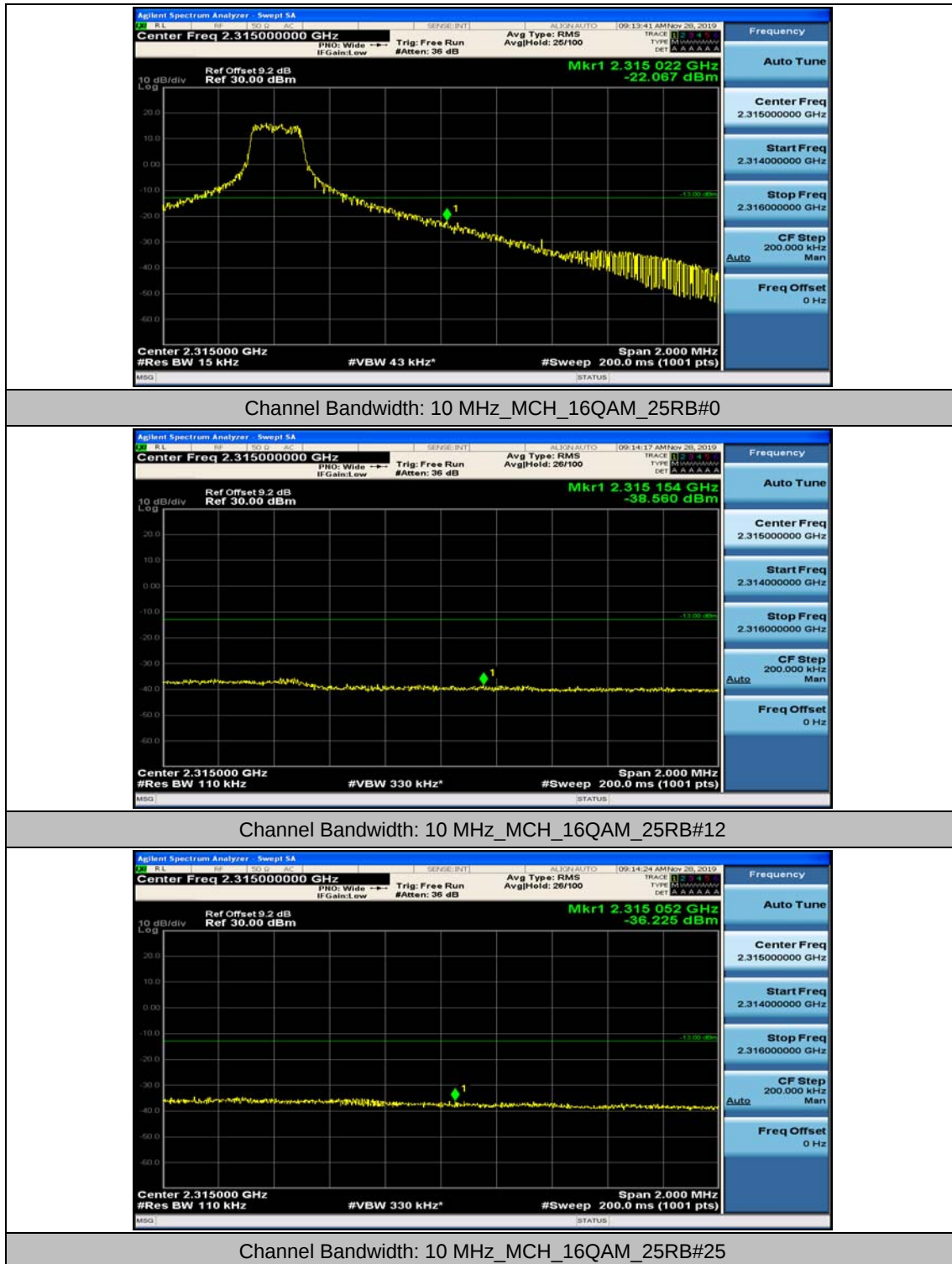
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

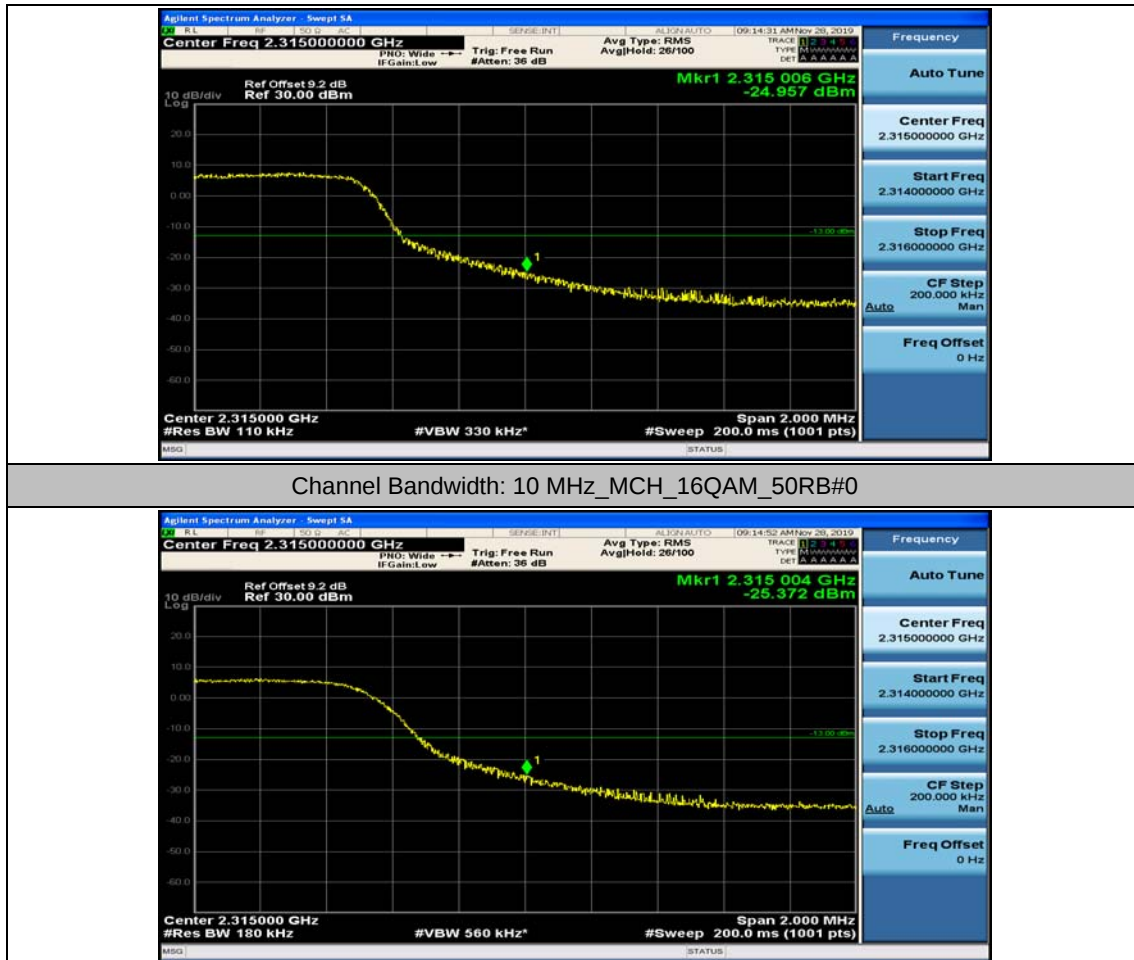


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49



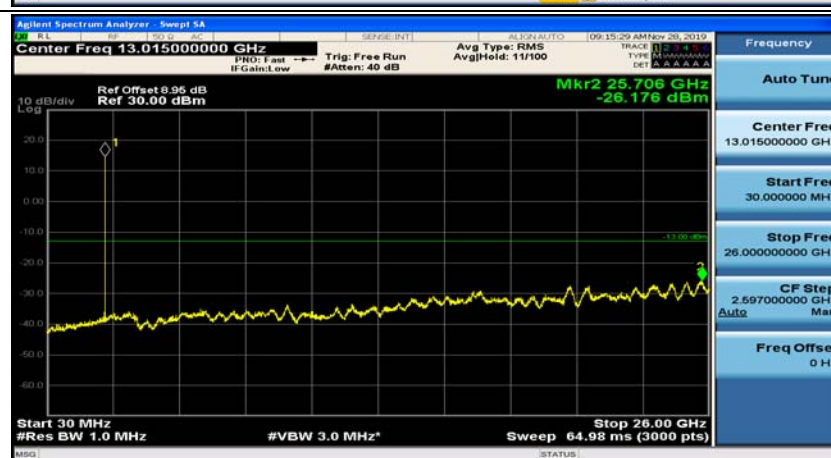
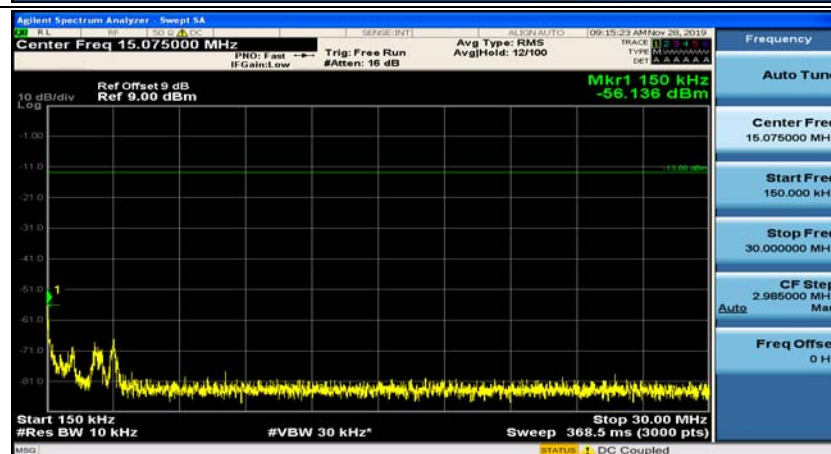
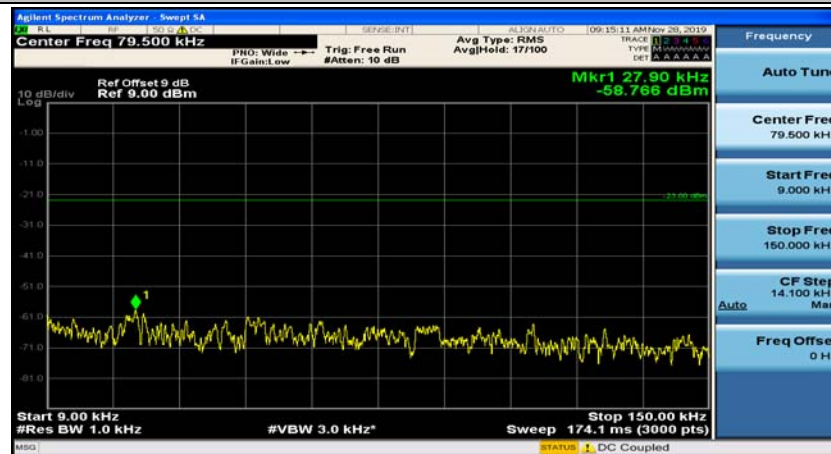


Appendix E: Conducted Spurious Emission

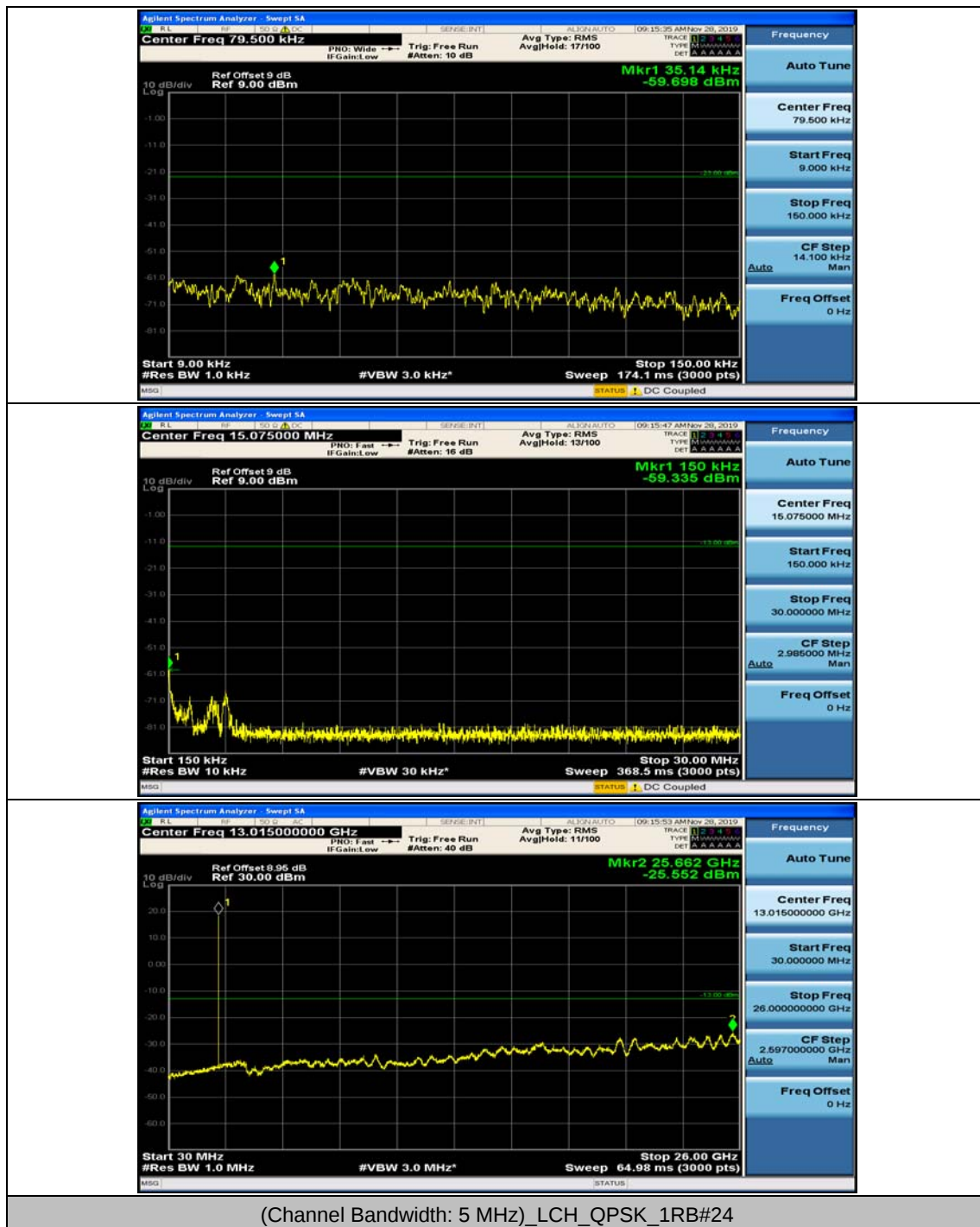
Test Graphs

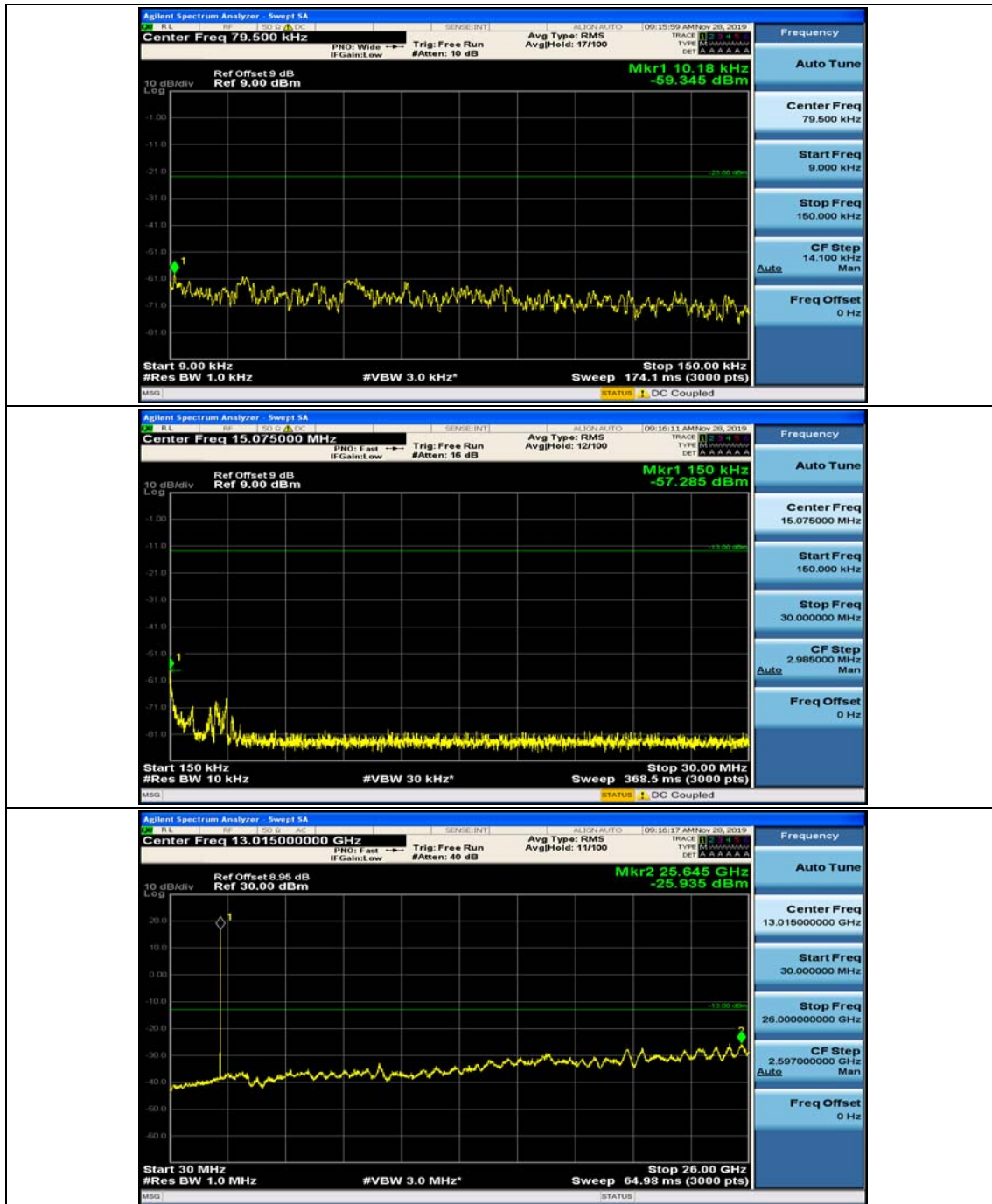
Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0

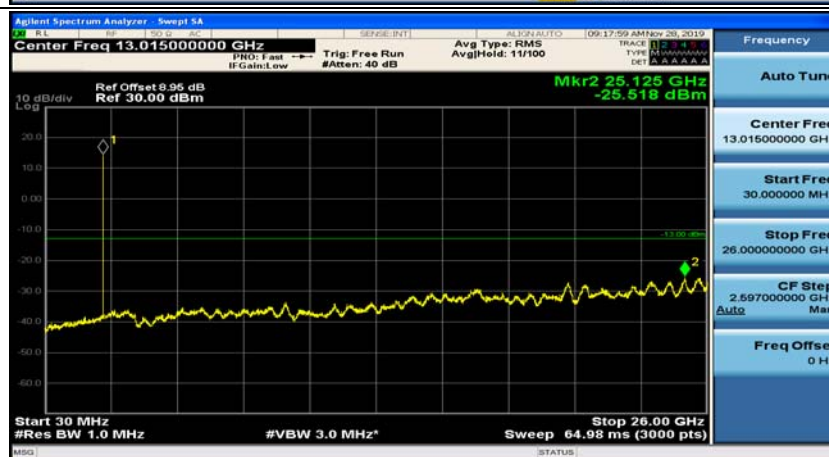
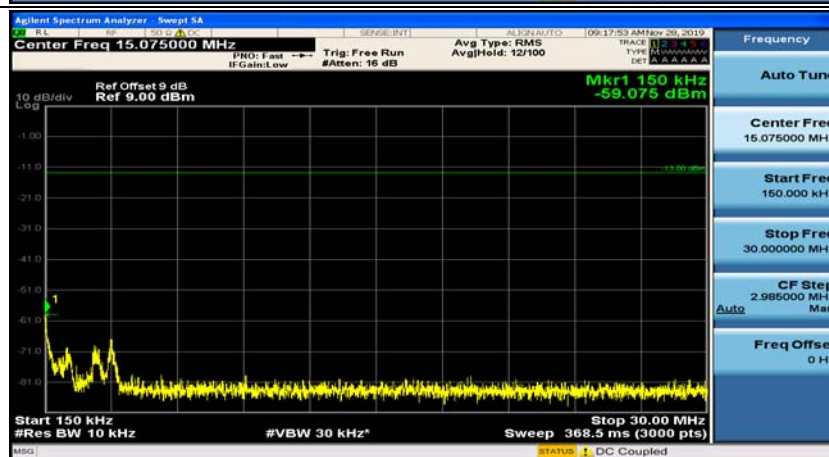
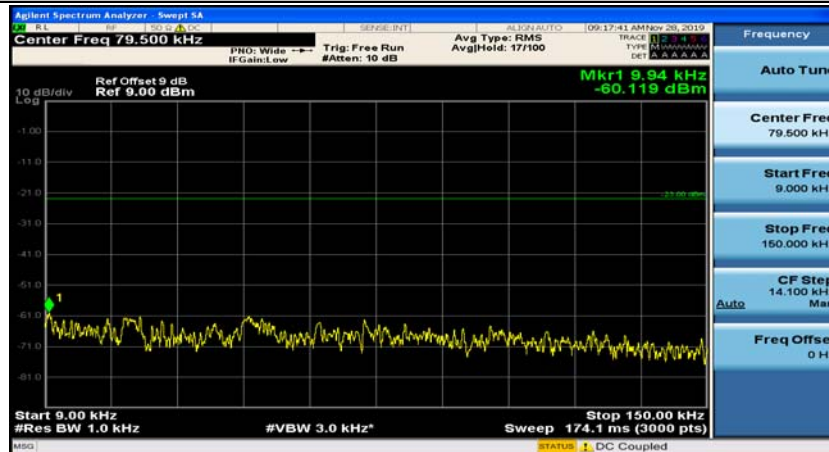


(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12

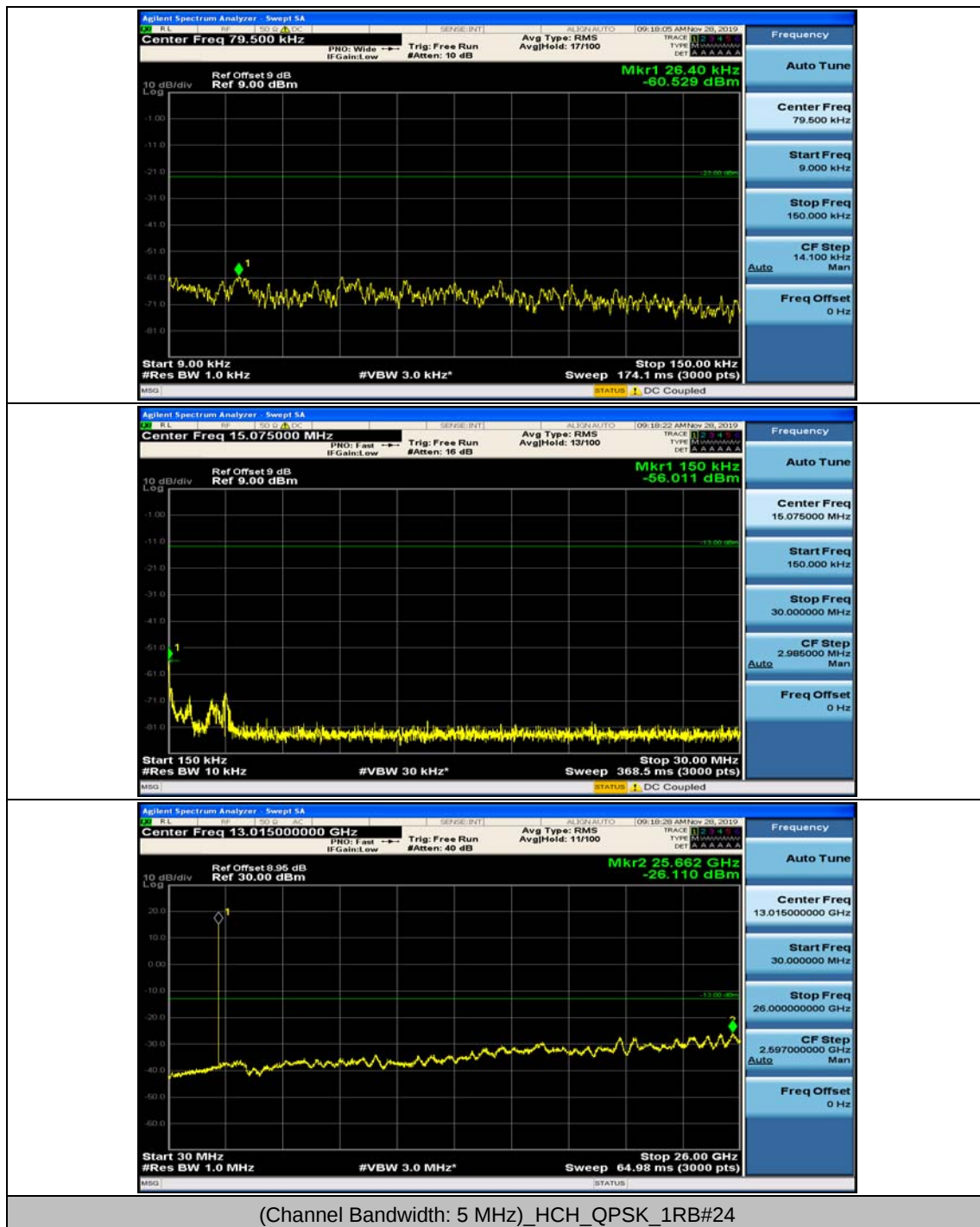


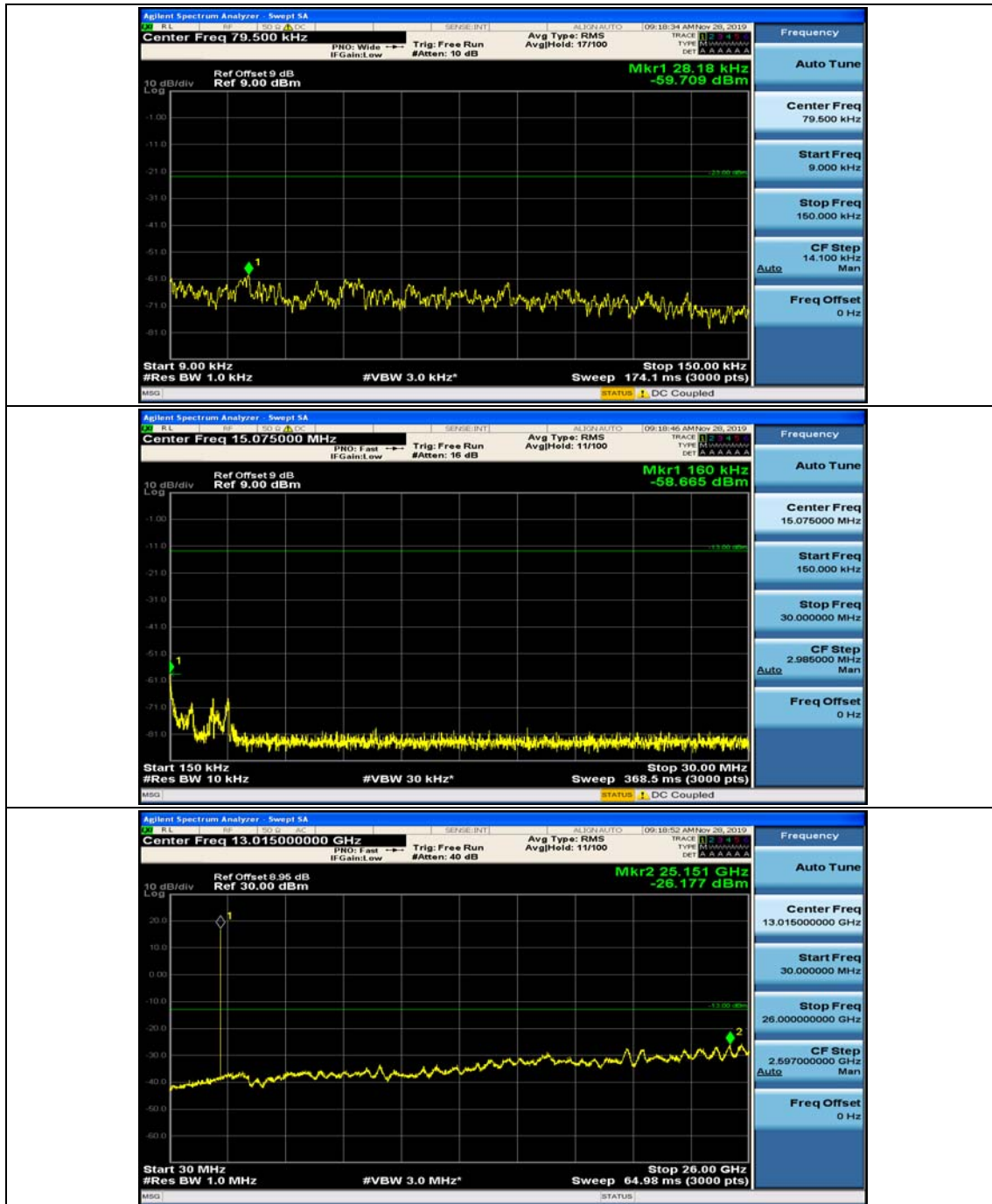


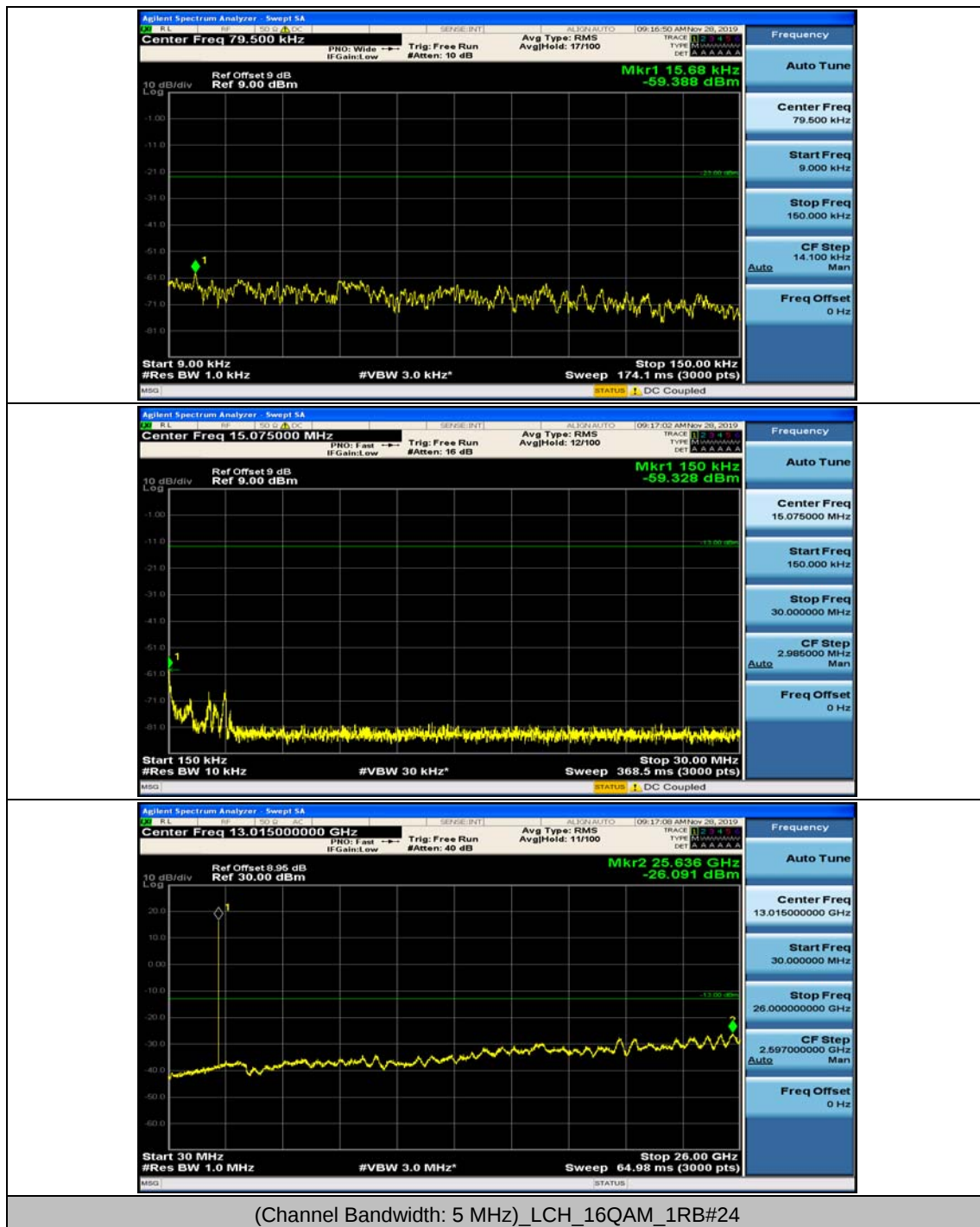
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

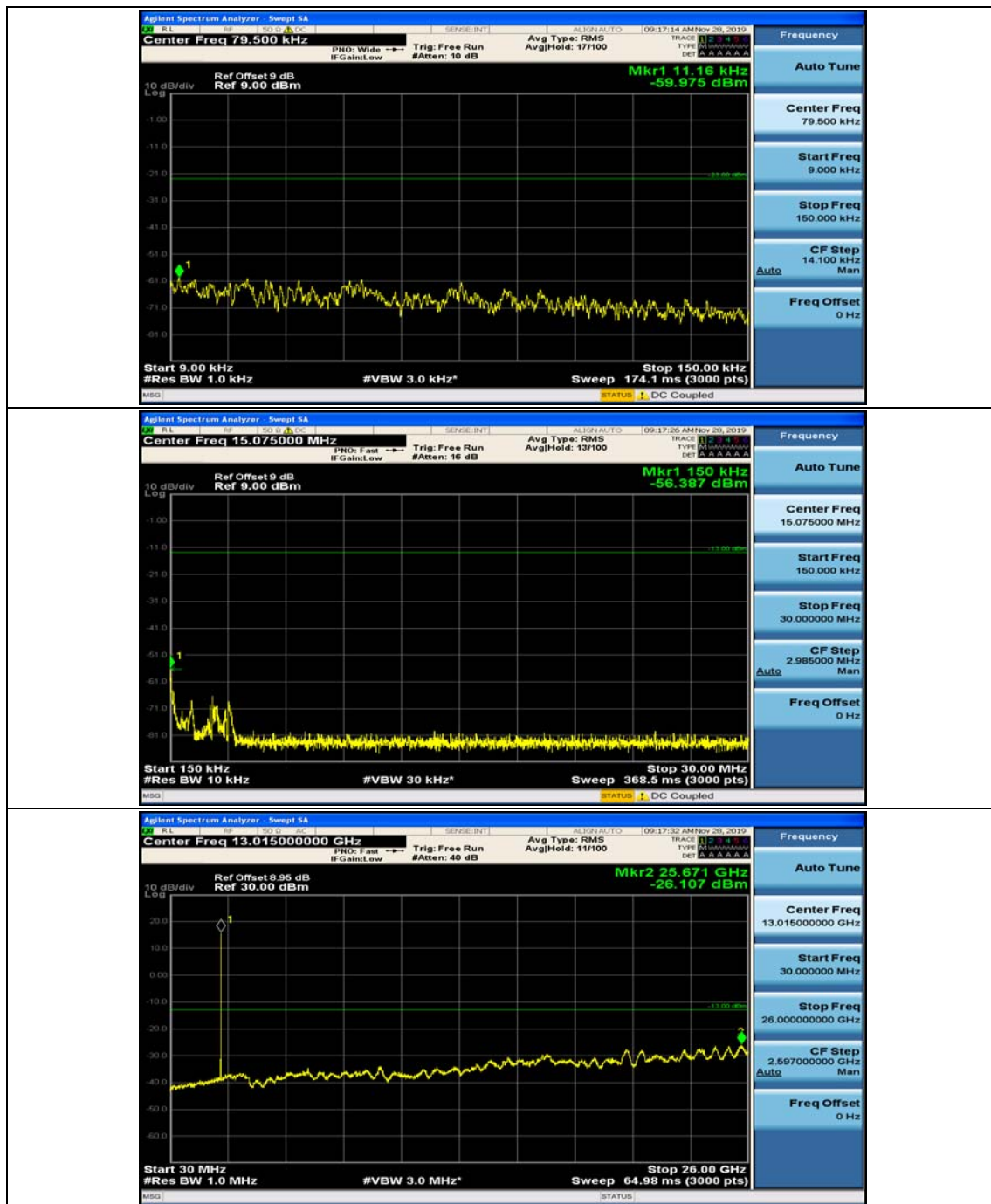


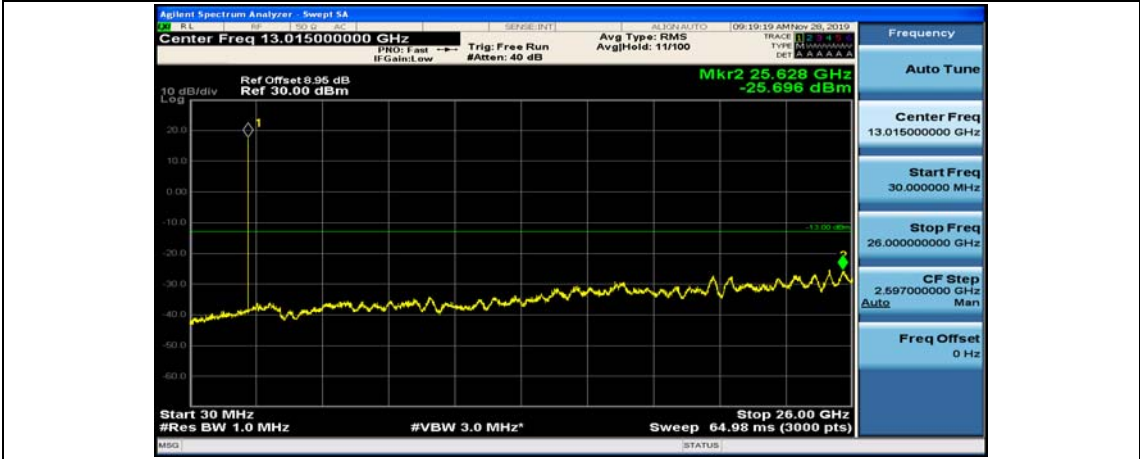
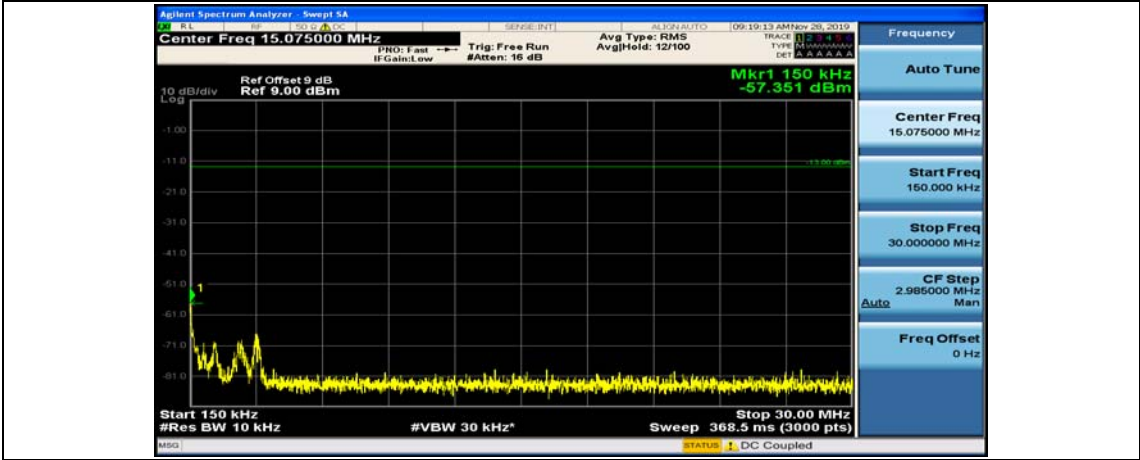
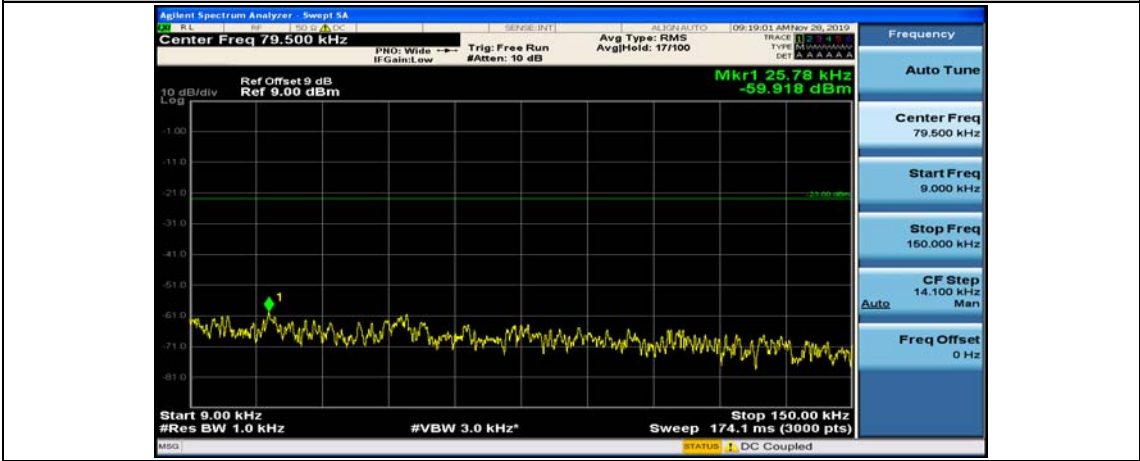
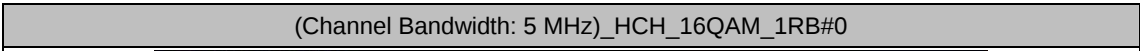
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



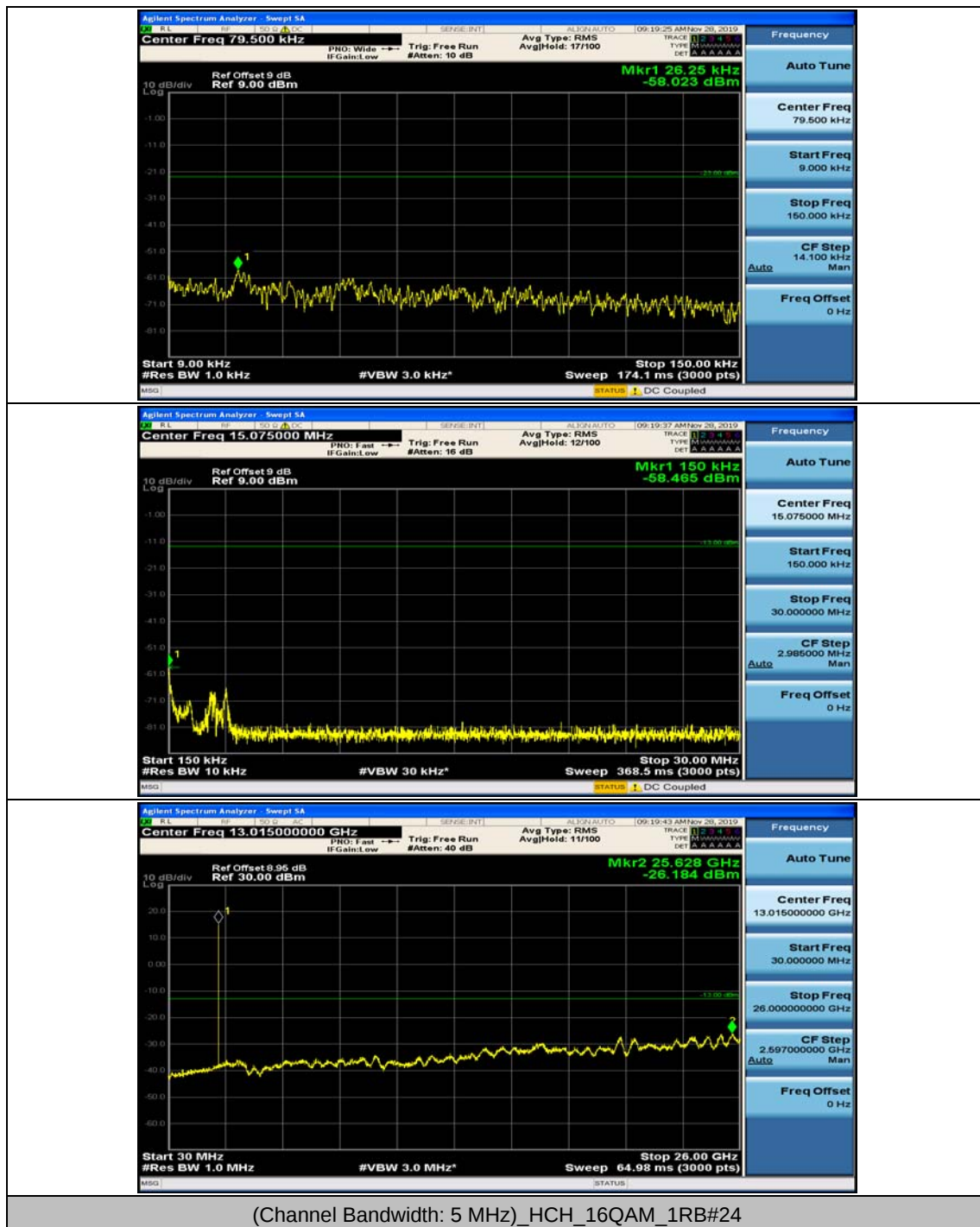


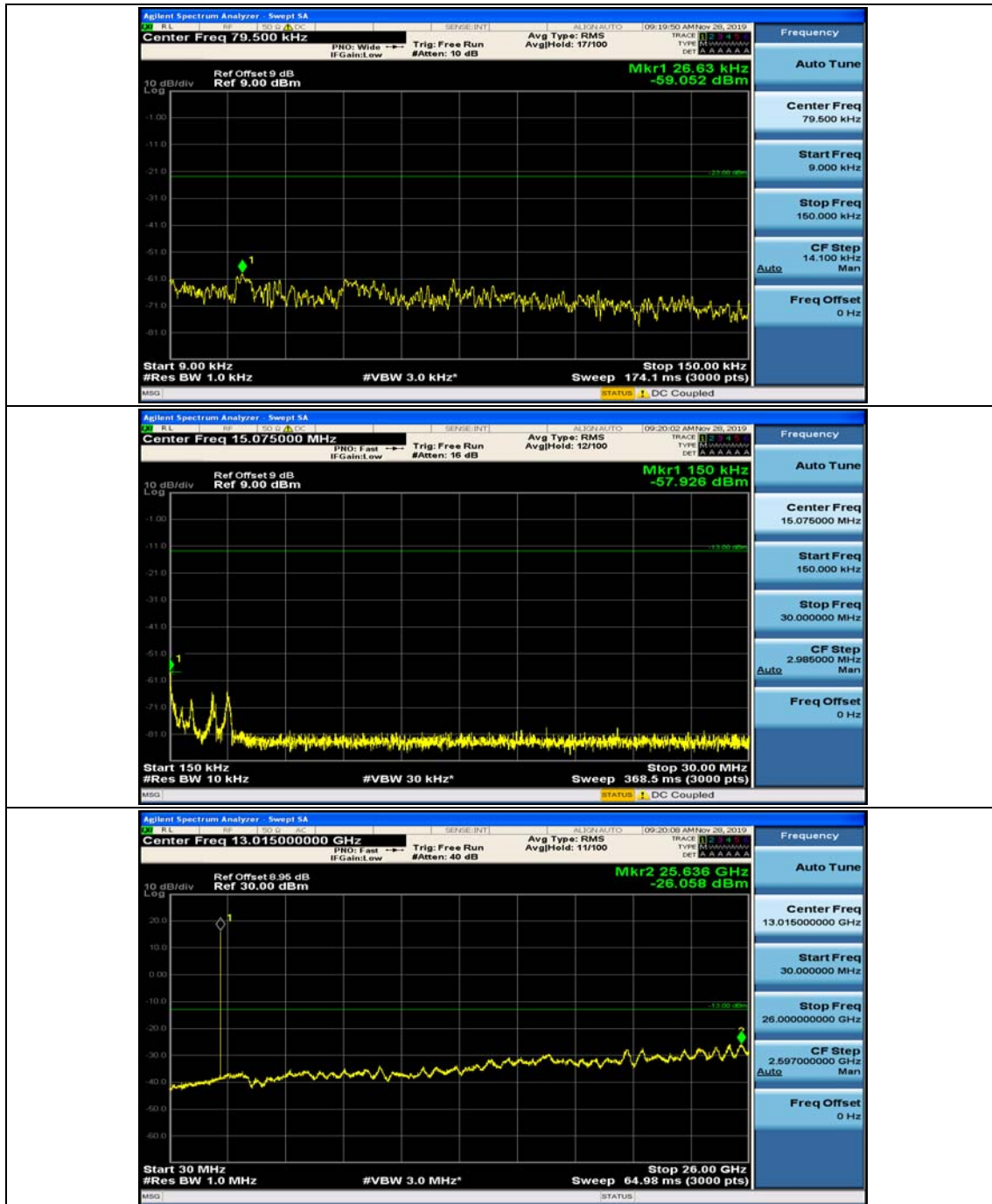




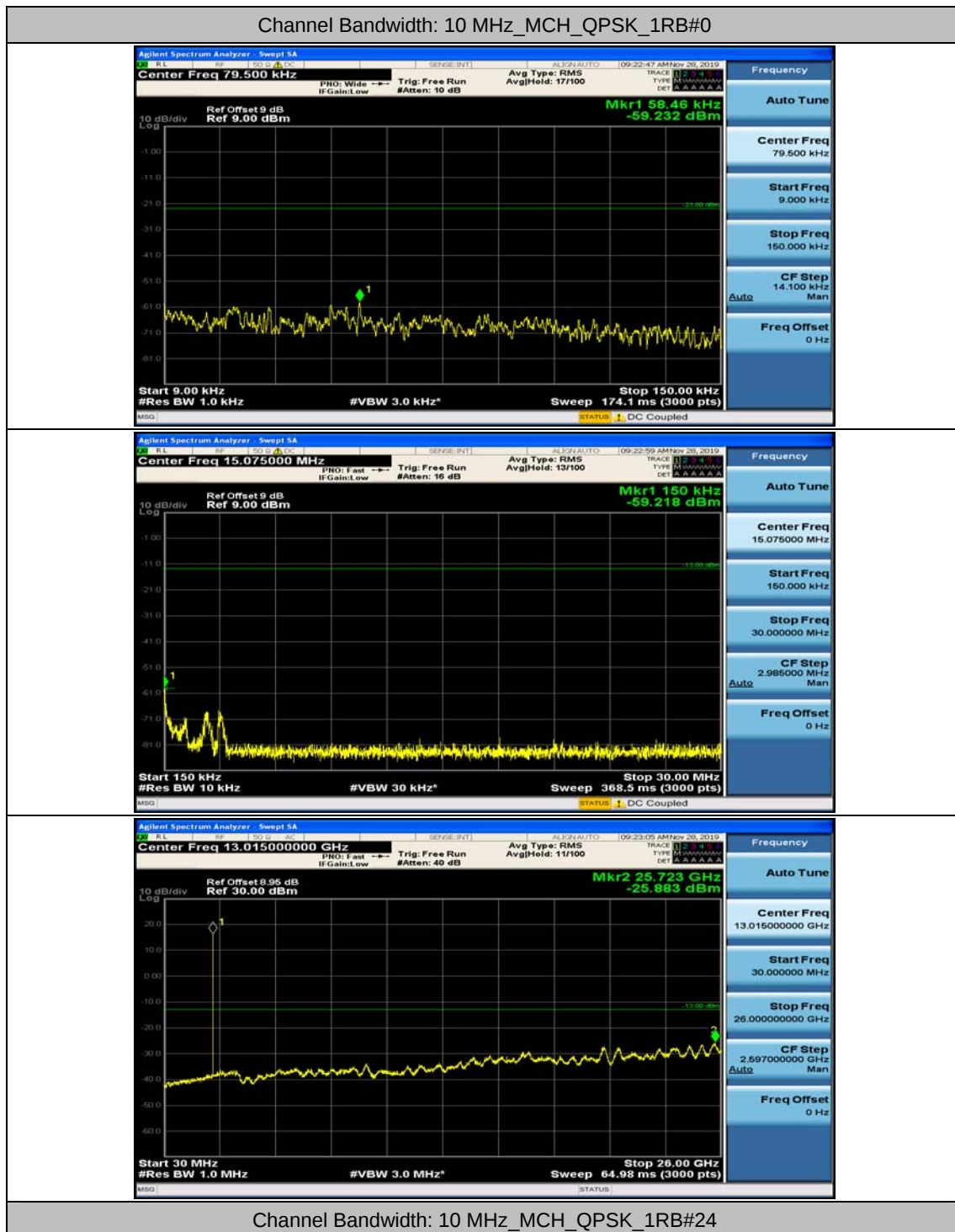


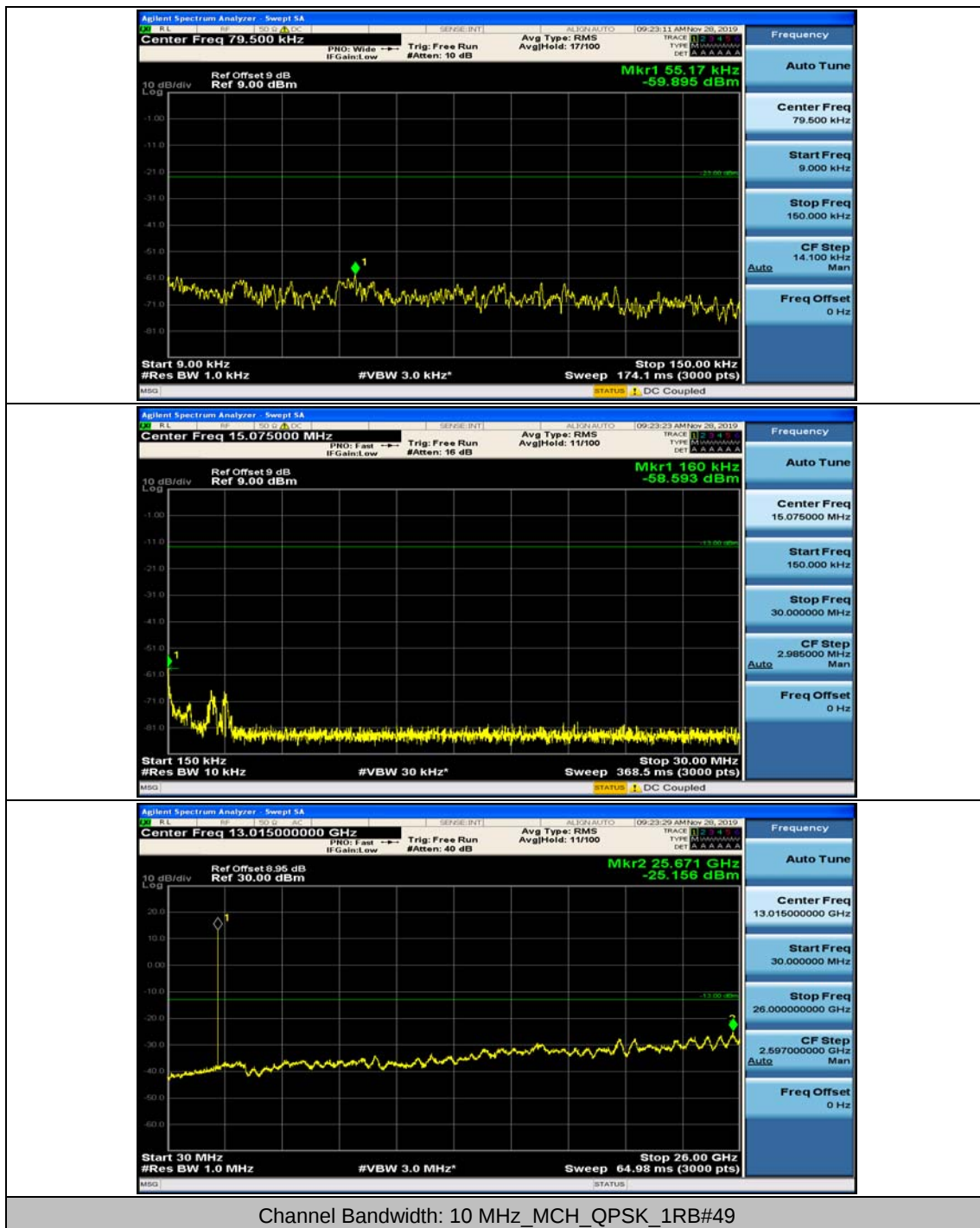
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

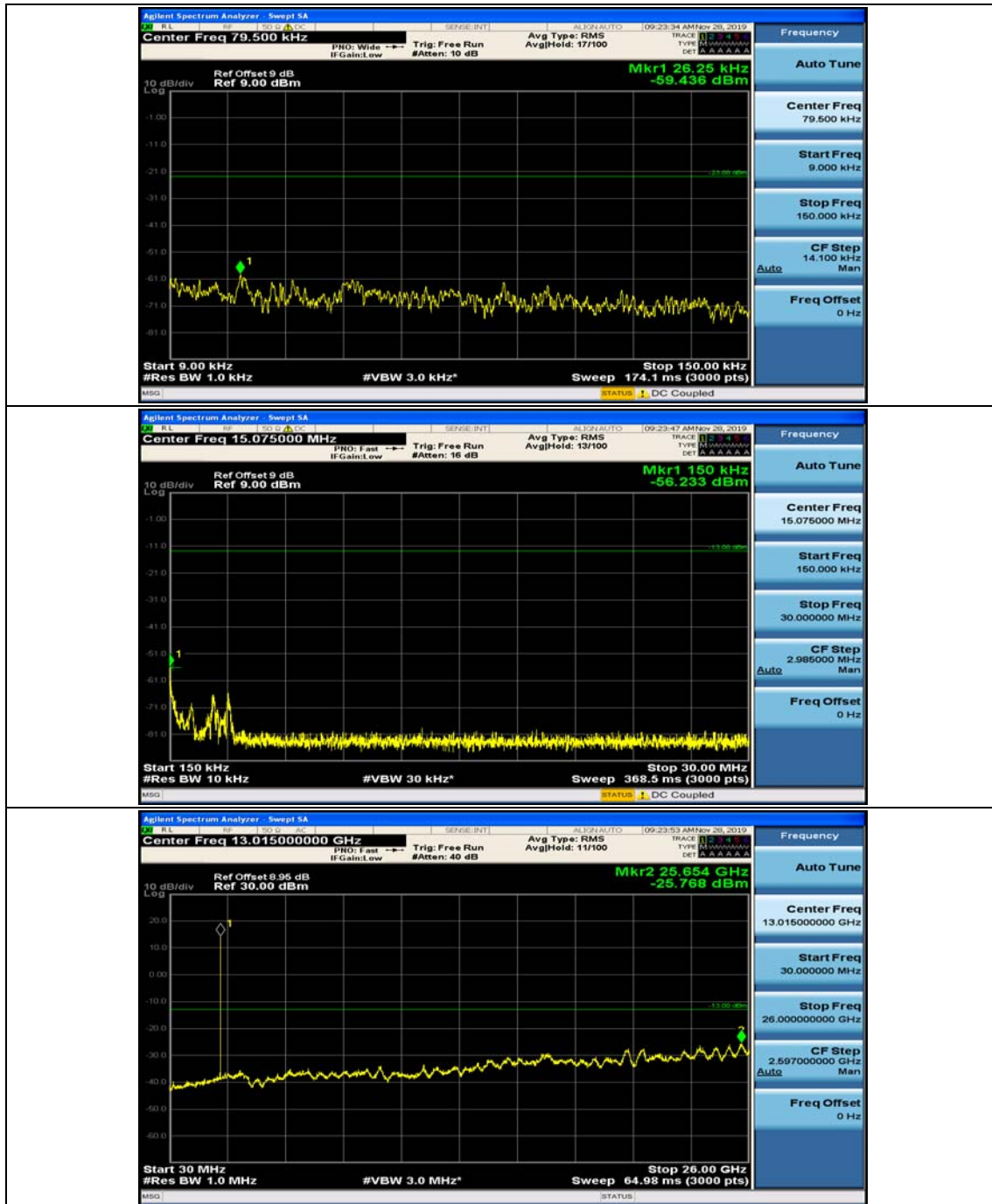




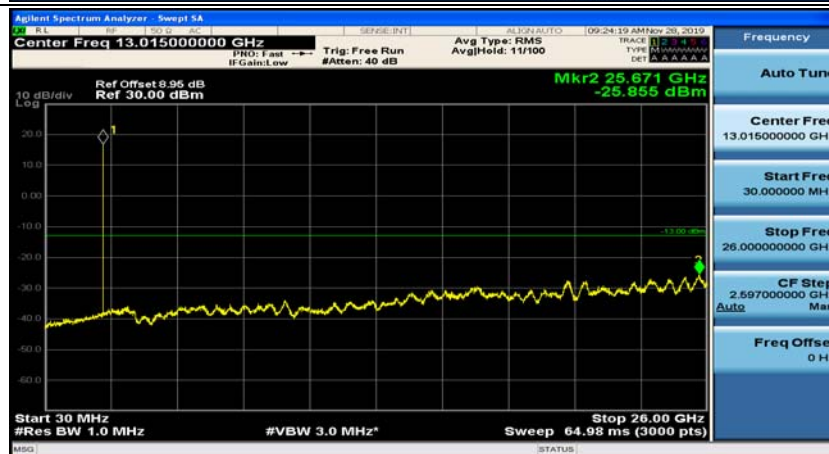
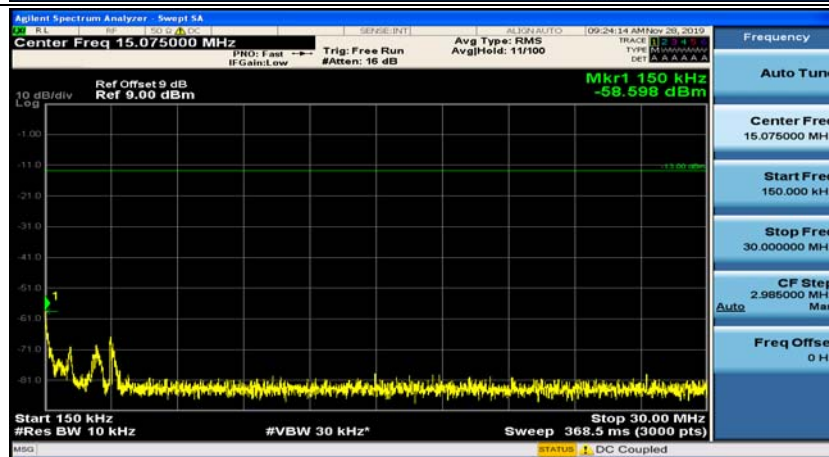
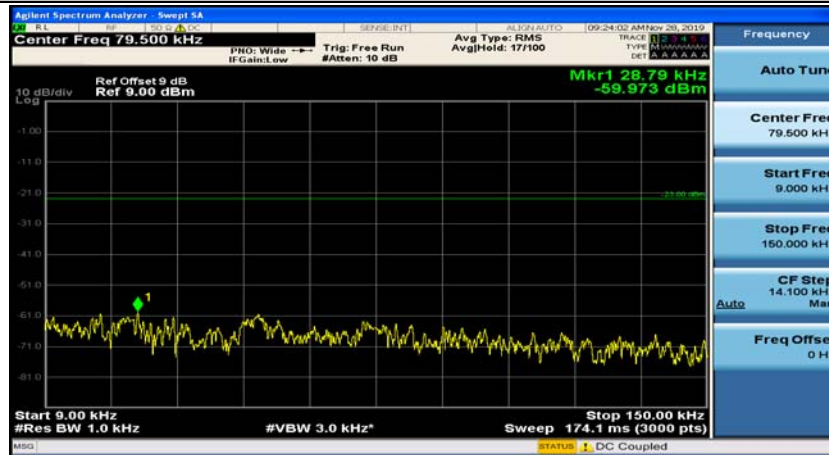
Channel Bandwidth: 10 MHz



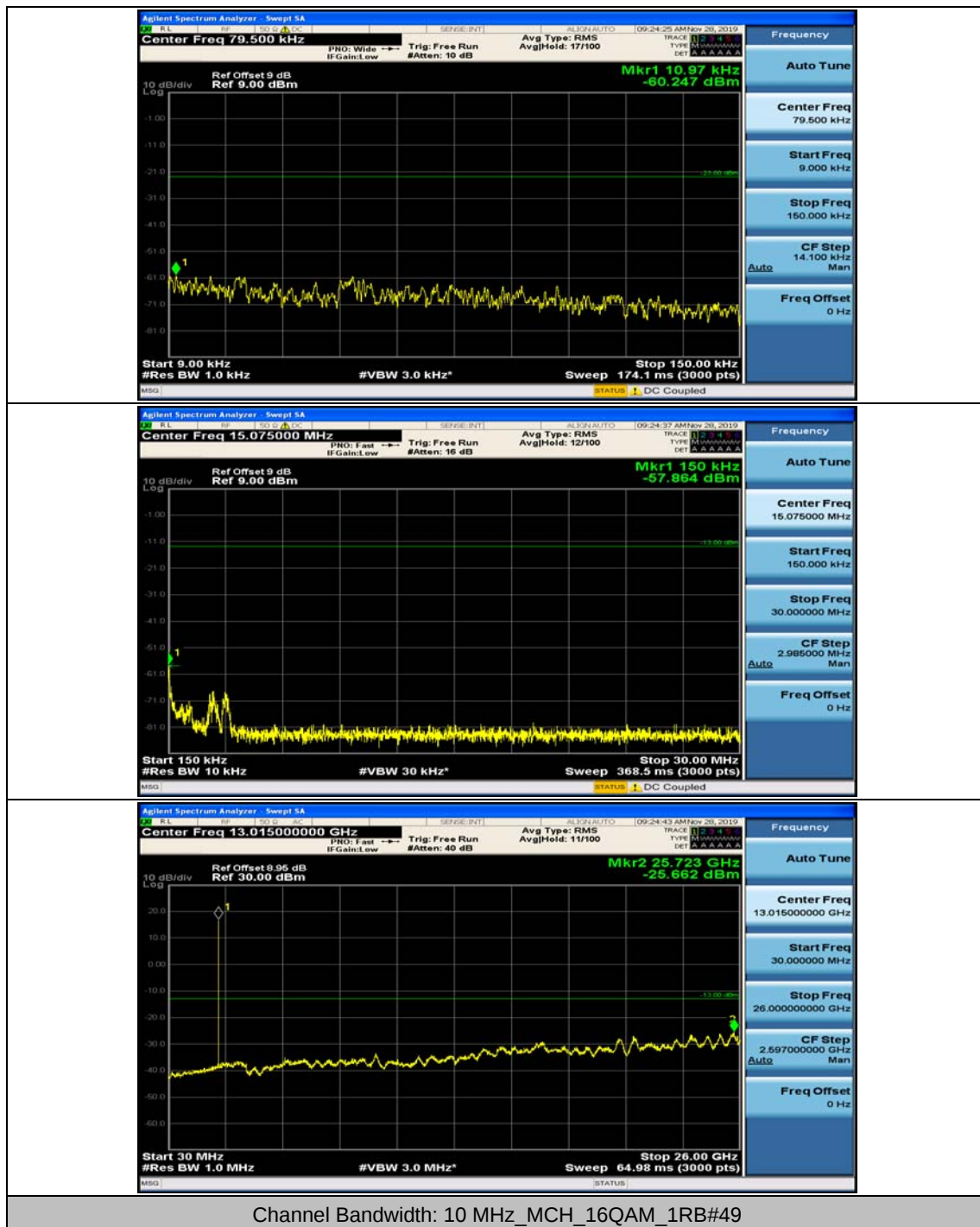


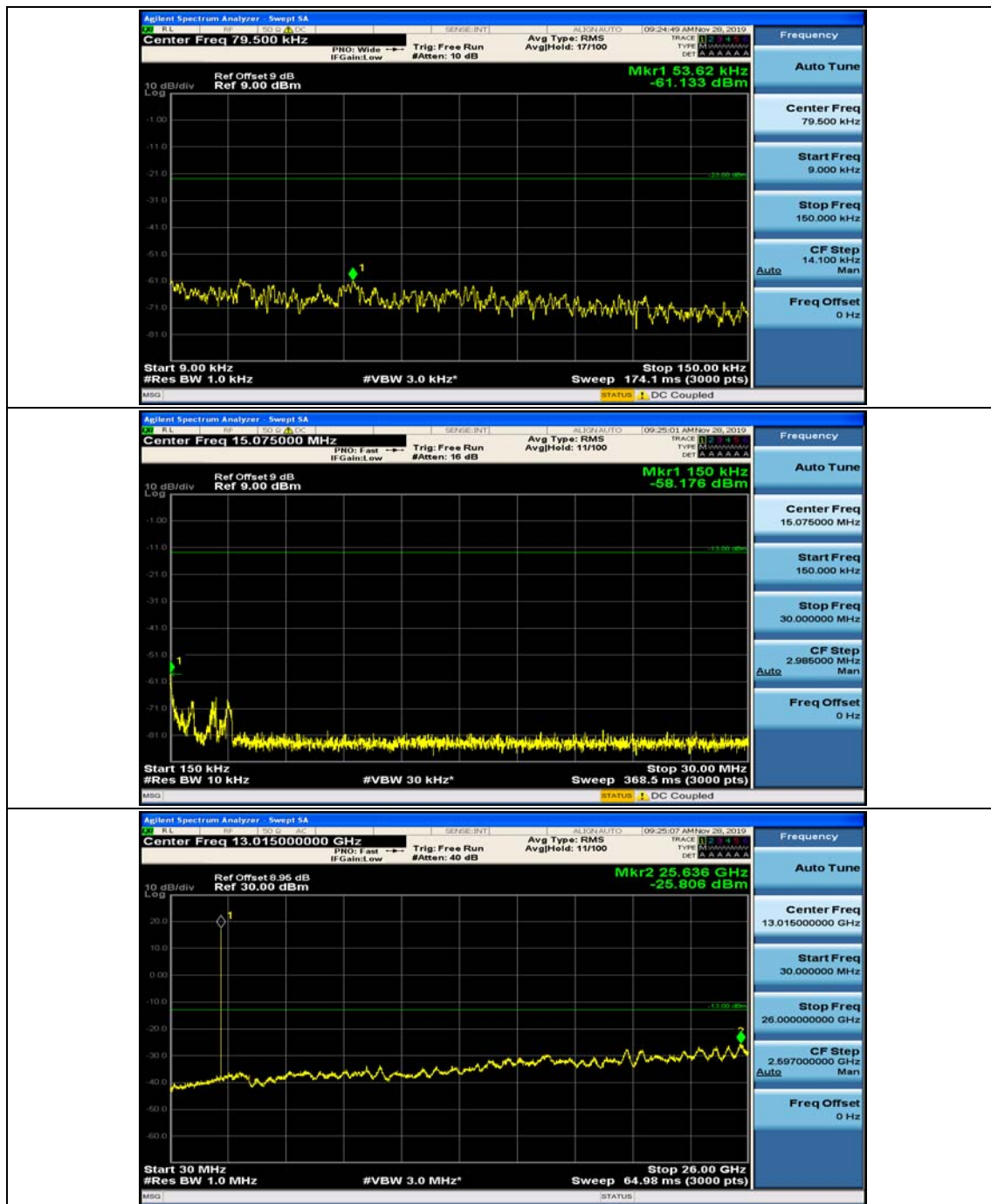


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_MCH_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	4.89	0.002119	± 2.5	PASS
		VN	TN	1.72	0.000745	± 2.5	PASS
		VH	TN	0.64	0.000277	± 2.5	PASS
	HCH	VL	TN	4.18	0.001808	± 2.5	PASS
		VN	TN	4.18	0.001808	± 2.5	PASS
		VH	TN	1.73	0.000748	± 2.5	PASS
16QAM	LCH	VL	TN	4.89	0.002119	± 2.5	PASS
		VN	TN	3.47	0.001504	± 2.5	PASS
		VH	TN	-1.06	-0.000459	± 2.5	PASS
	HCH	VL	TN	-0.14	-0.000061	± 2.5	PASS
		VN	TN	-0.93	-0.000402	± 2.5	PASS
		VH	TN	1.12	0.000484	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	1.91	0.000828	± 2.5	PASS
		VN	-20	-1.51	-0.000654	± 2.5	PASS
		VN	-10	-1.54	-0.000667	± 2.5	PASS
		VN	0	-1.64	-0.000711	± 2.5	PASS
		VN	10	2.54	0.001101	± 2.5	PASS
		VN	20	4.29	0.001859	± 2.5	PASS
		VN	30	4	0.001733	± 2.5	PASS
		VN	40	-1	-0.000433	± 2.5	PASS
		VN	50	1.97	0.000854	± 2.5	PASS
	HCH	VN	-30	1.67	0.000722	± 2.5	PASS
		VN	-20	-1.21	-0.000523	± 2.5	PASS
		VN	-10	1.16	0.000502	± 2.5	PASS
		VN	0	2.31	0.000999	± 2.5	PASS
		VN	10	4.89	0.002115	± 2.5	PASS
		VN	20	-0.33	-0.000143	± 2.5	PASS
VN		30	3.27	0.001414	± 2.5	PASS	
VN	40	1.8	0.000778	± 2.5	PASS		

		VN	50	0.75	0.000324	± 2.5	PASS
16QAM	LCH	VN	-30	2.84	0.001231	± 2.5	PASS
		VN	-20	-0.85	-0.000368	± 2.5	PASS
		VN	-10	-0.05	-0.000022	± 2.5	PASS
		VN	0	0.4	0.000173	± 2.5	PASS
		VN	10	4.6	0.001993	± 2.5	PASS
		VN	20	1.85	0.000802	± 2.5	PASS
		VN	30	4.49	0.001946	± 2.5	PASS
		VN	40	3.98	0.001725	± 2.5	PASS
		VN	50	4.1	0.001777	± 2.5	PASS
	HCH	VN	-30	1.48	0.000640	± 2.5	PASS
		VN	-20	3.59	0.001552	± 2.5	PASS
		VN	-10	-1.23	-0.000532	± 2.5	PASS
		VN	0	-1.52	-0.000657	± 2.5	PASS
		VN	10	2.36	0.001021	± 2.5	PASS
		VN	20	3.8	0.001643	± 2.5	PASS
		VN	30	3.62	0.001565	± 2.5	PASS
		VN	40	3.01	0.001302	± 2.5	PASS
		VN	50	0.22	0.000095	± 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	1.89	0.000818	± 2.5	PASS
		VN	TN	4.27	0.001848	± 2.5	PASS
		VH	TN	0.04	0.000017	± 2.5	PASS
16QAM	MCH	VL	TN	-0.92	-0.000398	± 2.5	PASS
		VN	TN	4.04	0.001749	± 2.5	PASS
		VH	TN	0.23	0.000100	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
16QAM	MCH	VN	-30	2.65	0.001147	± 2.5	PASS
		VN	-20	4.85	0.002100	± 2.5	PASS
		VN	-10	3.04	0.001316	± 2.5	PASS
		VN	0	1.89	0.000818	± 2.5	PASS
		VN	10	-1.56	-0.000675	± 2.5	PASS
		VN	20	4.9	0.002121	± 2.5	PASS
		VN	30	0.44	0.000190	± 2.5	PASS

QPSK	MCH	VN	40	-1.05	-0.000455	± 2.5	PASS
		VN	50	2.79	0.001208	± 2.5	PASS
		VN	-30	0.8	0.000346	± 2.5	PASS
		VN	-20	1.54	0.000667	± 2.5	PASS
		VN	-10	-0.68	-0.000294	± 2.5	PASS
		VN	0	-1.65	-0.000714	± 2.5	PASS
		VN	10	3.9	0.001688	± 2.5	PASS
		VN	20	-1.59	-0.000688	± 2.5	PASS
		VN	30	0.75	0.000325	± 2.5	PASS
		VN	40	2.62	0.001134	± 2.5	PASS
		VN	50	2.32	0.001004	± 2.5	PASS