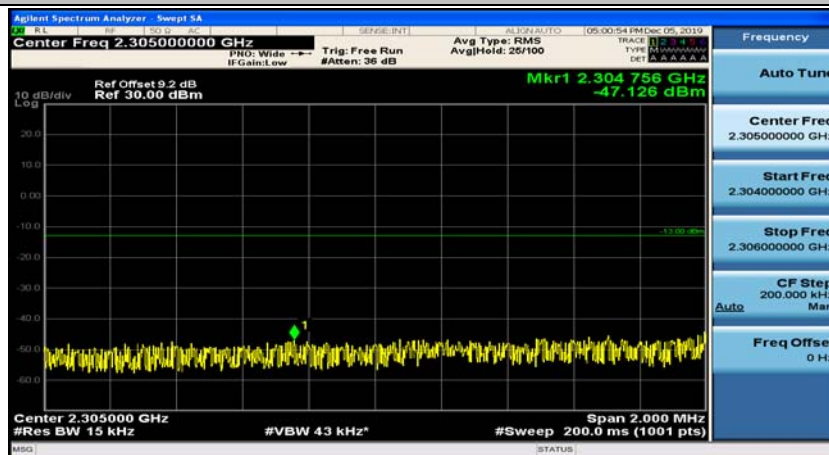


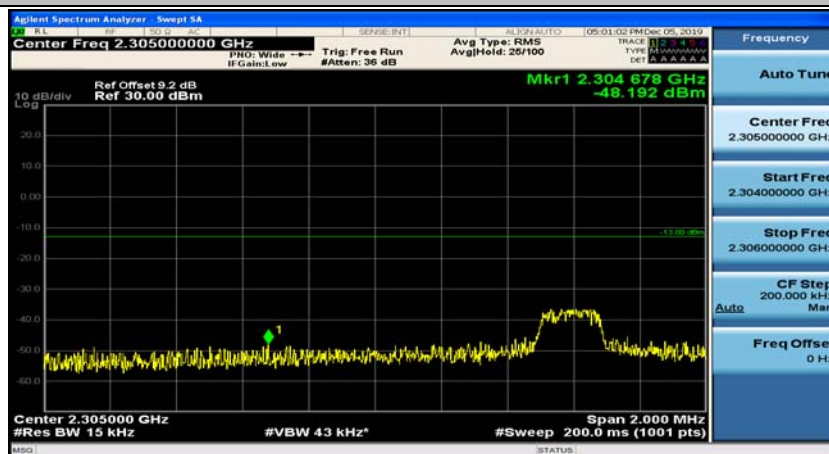
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#0



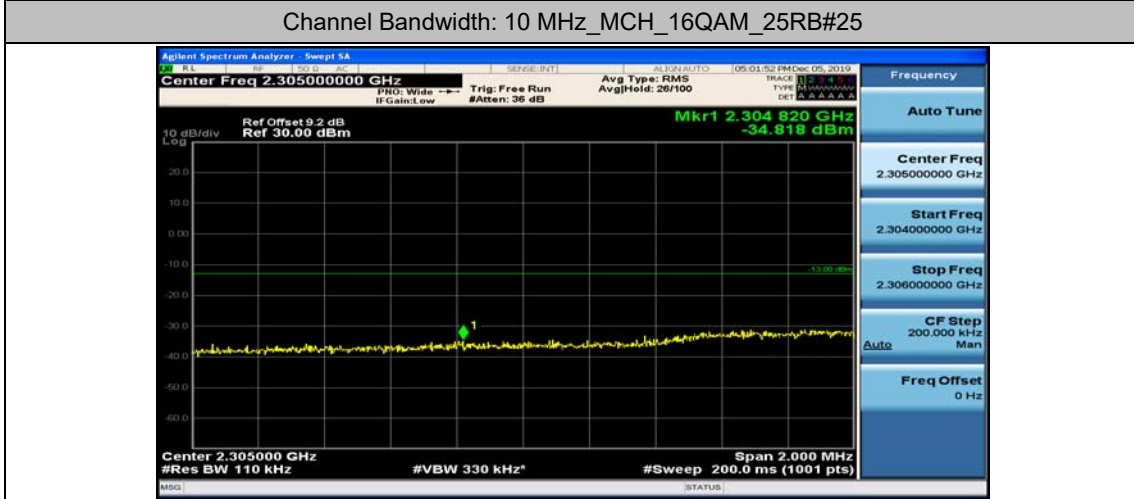
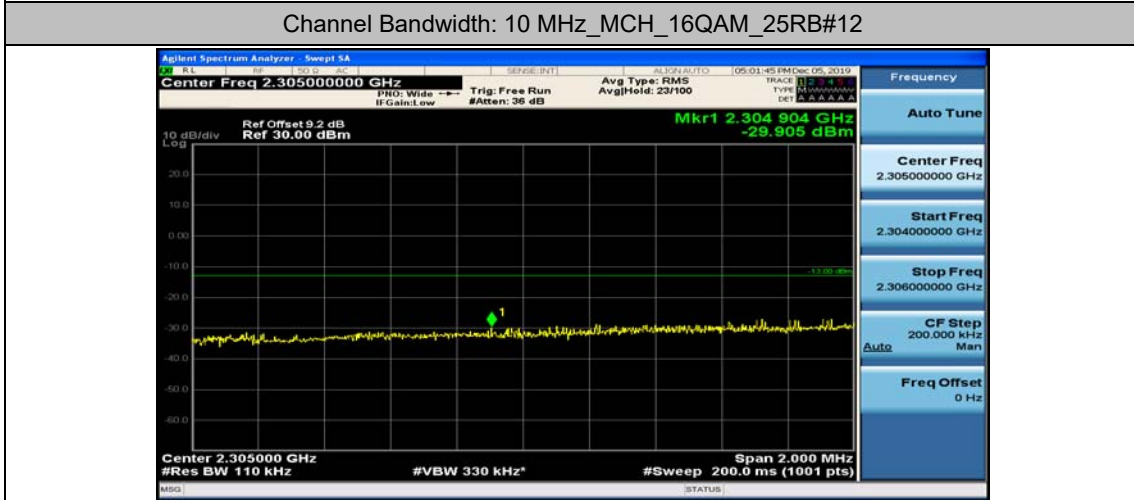
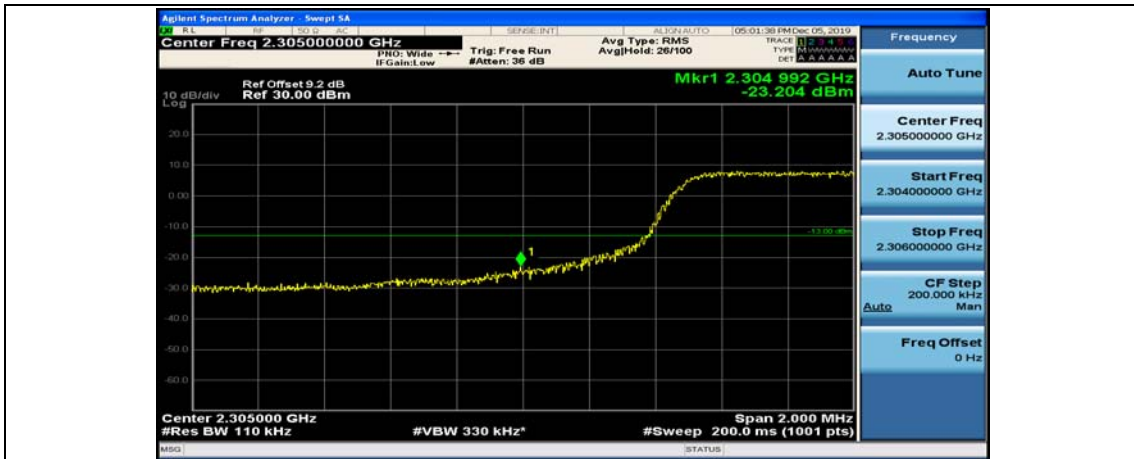
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#24



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

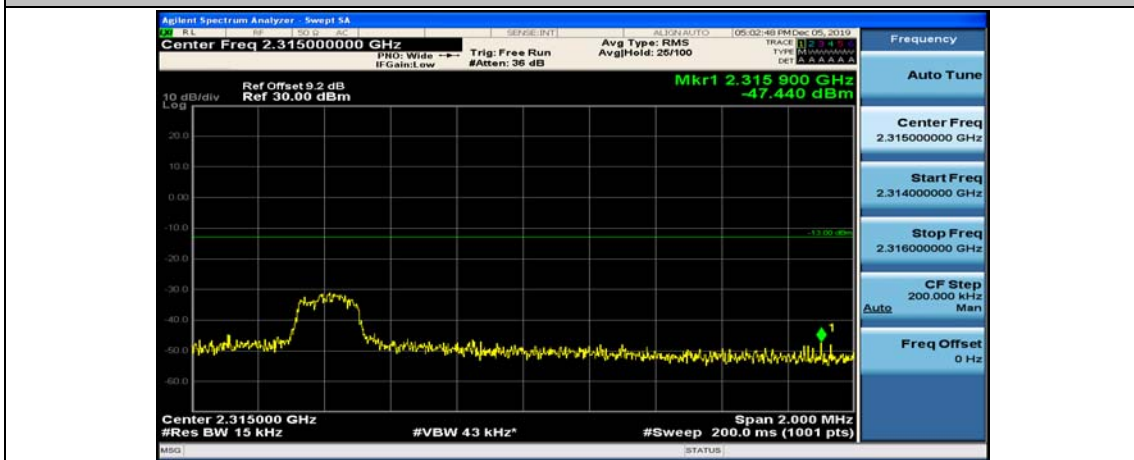


Channel Bandwidth: 10 MHz\_MCH\_16QAM\_25RB#0

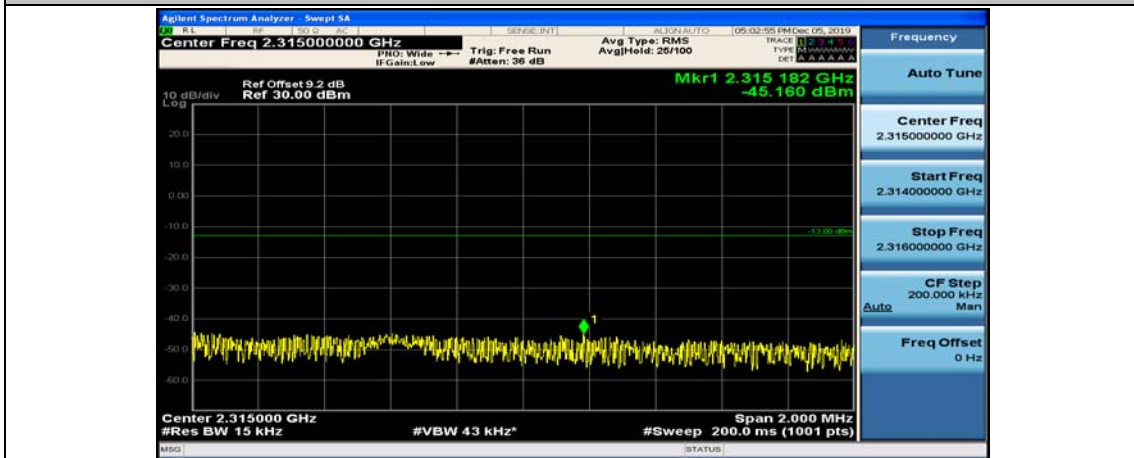




Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#0



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



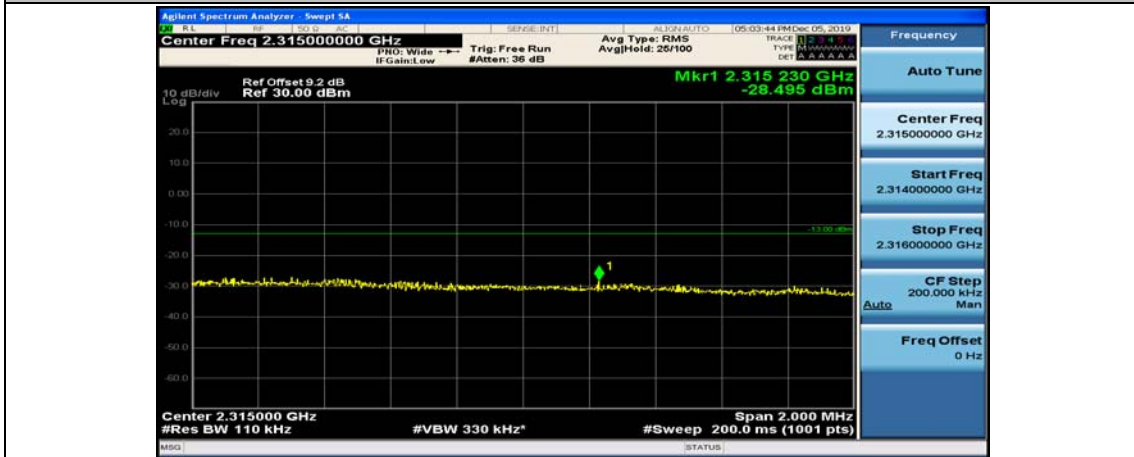
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#49



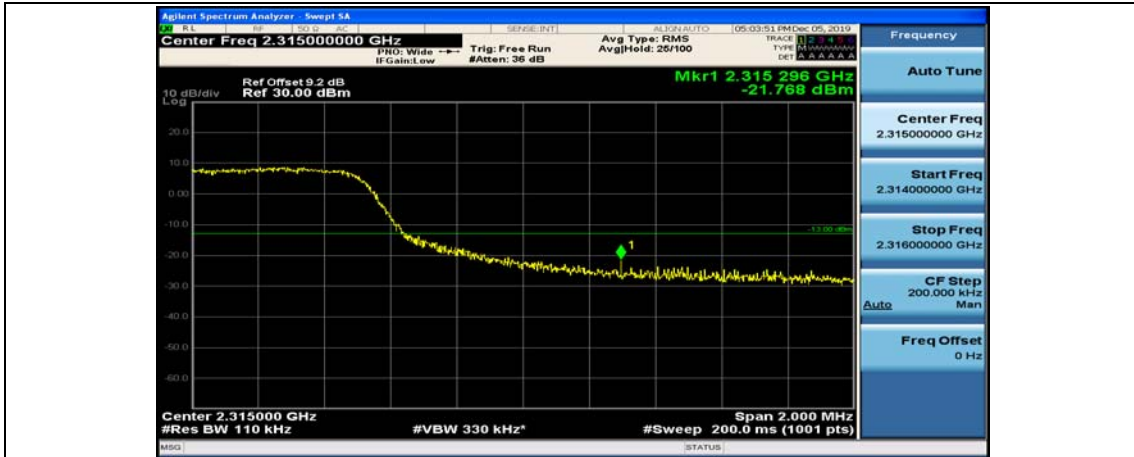
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_25RB#0



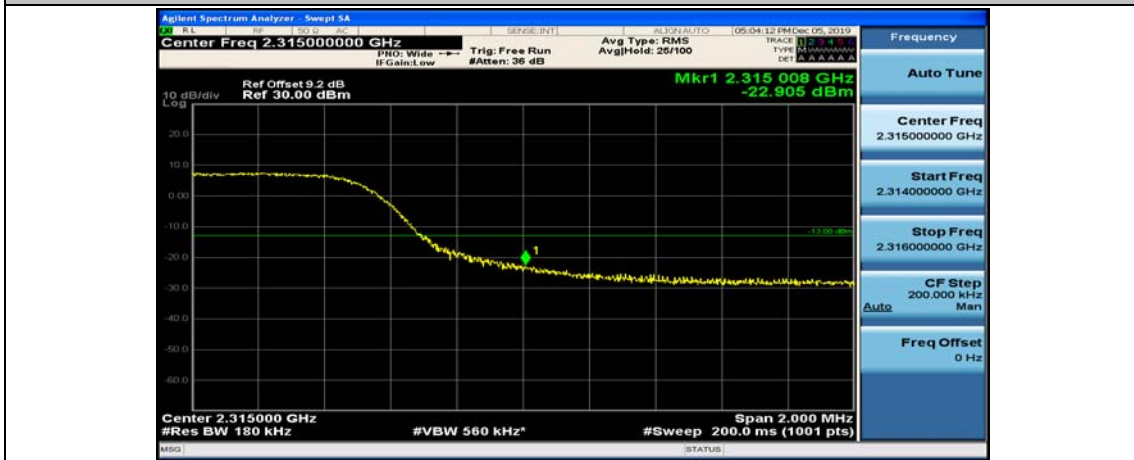
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_25RB#12



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



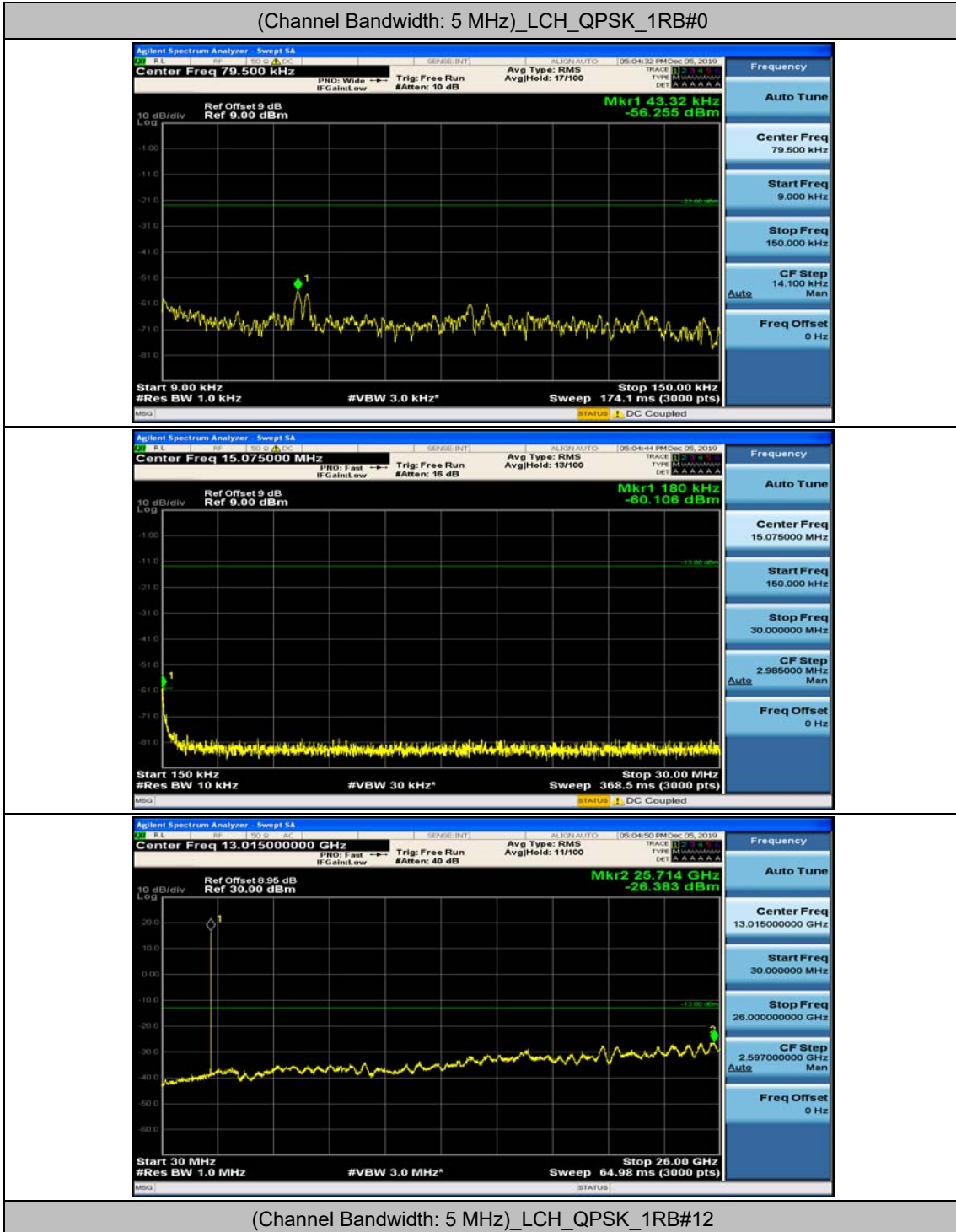
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_50RB#0

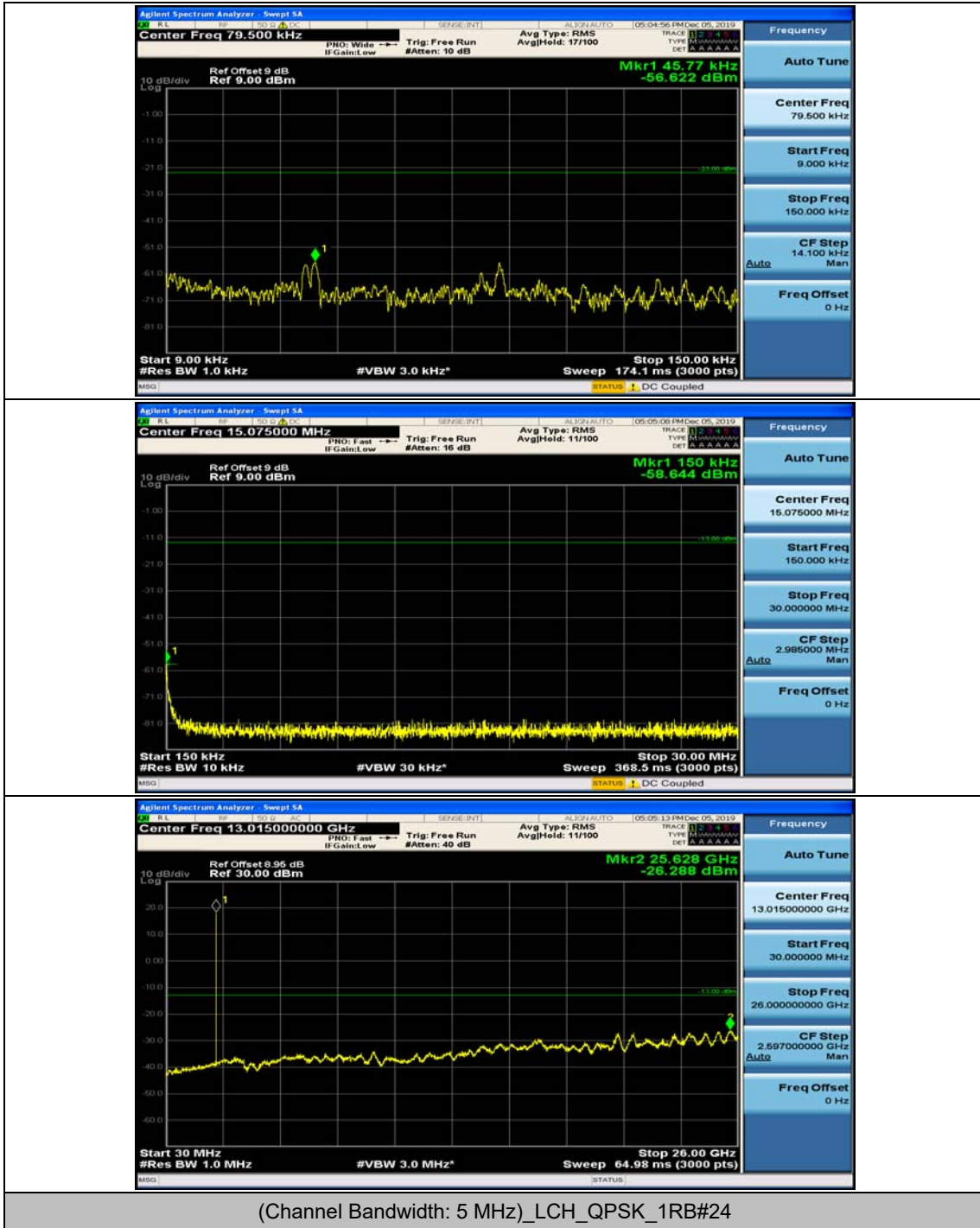


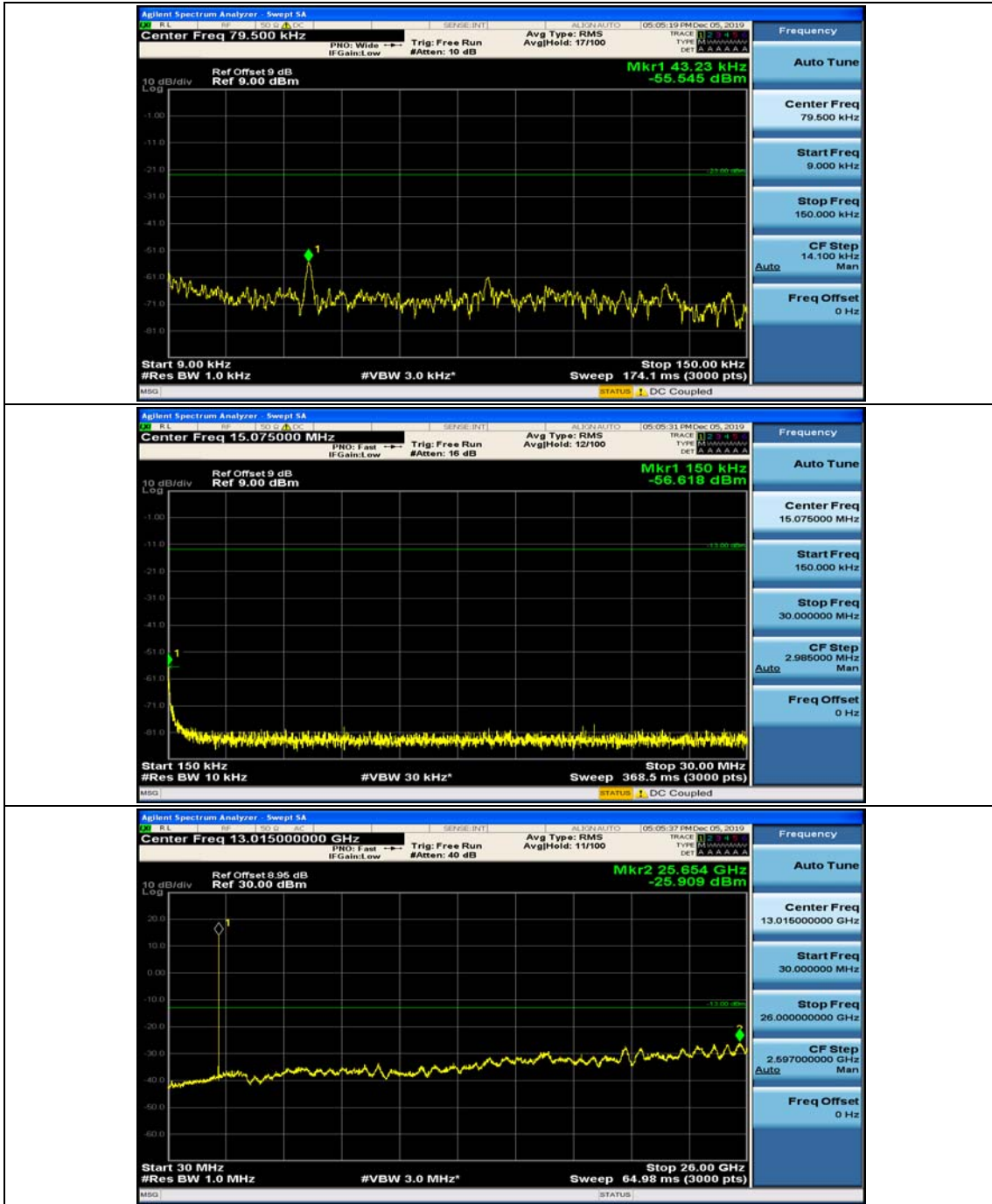
## Appendix E: Conducted Spurious Emission

### Test Graphs

Channel Bandwidth: 5 MHz

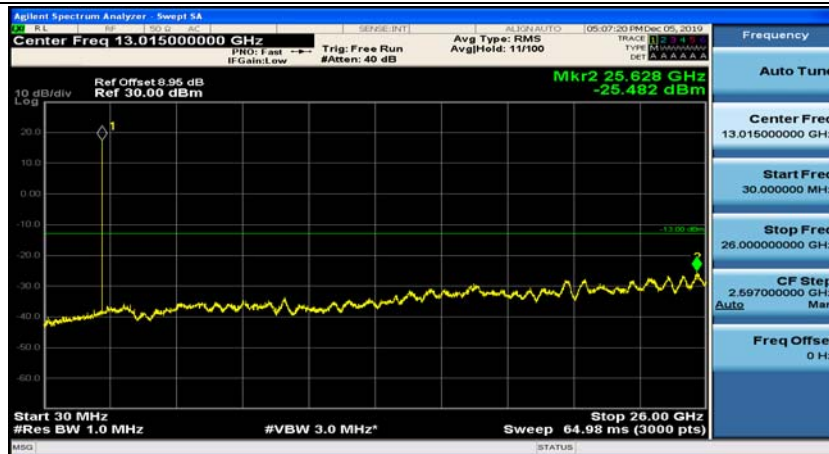
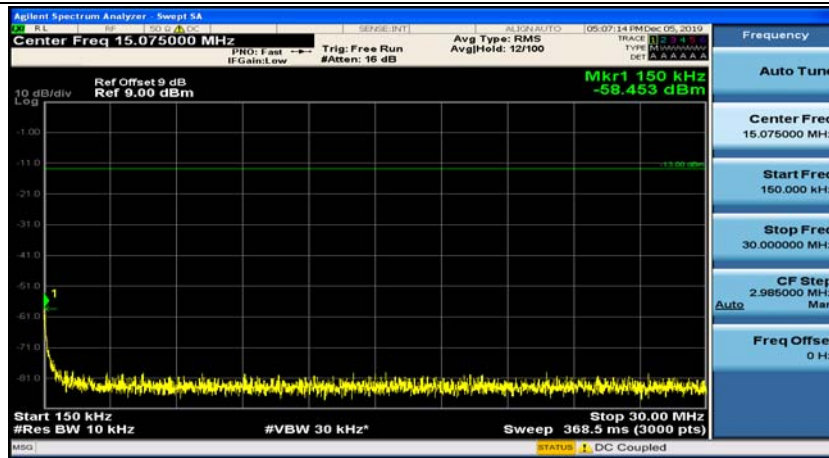
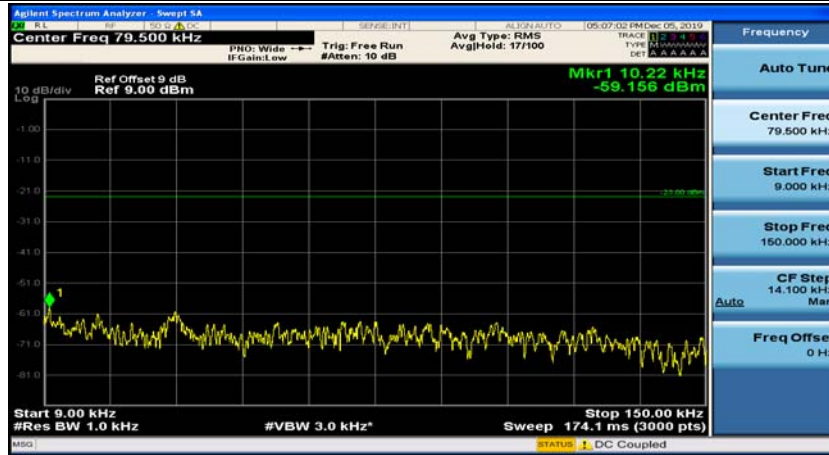




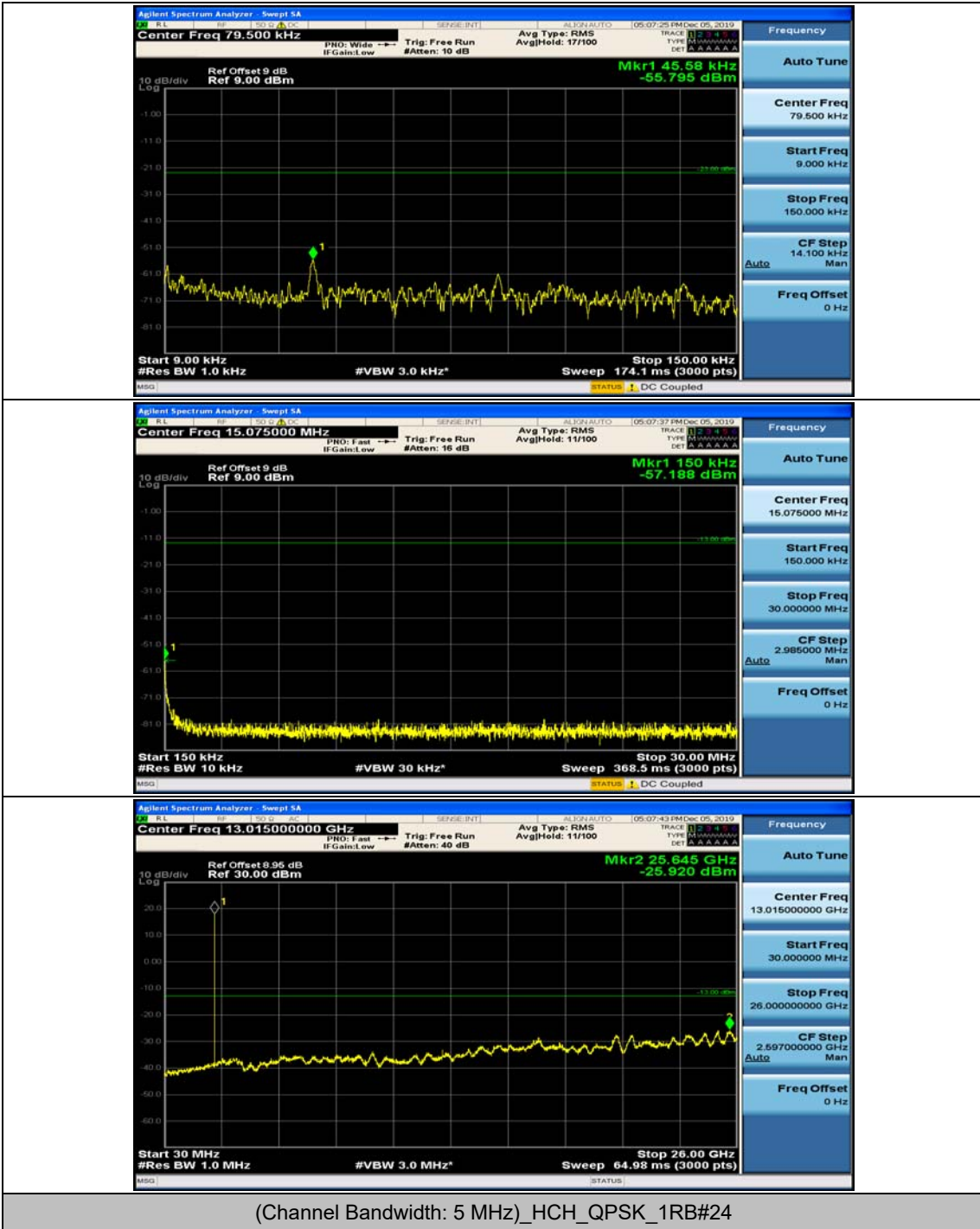


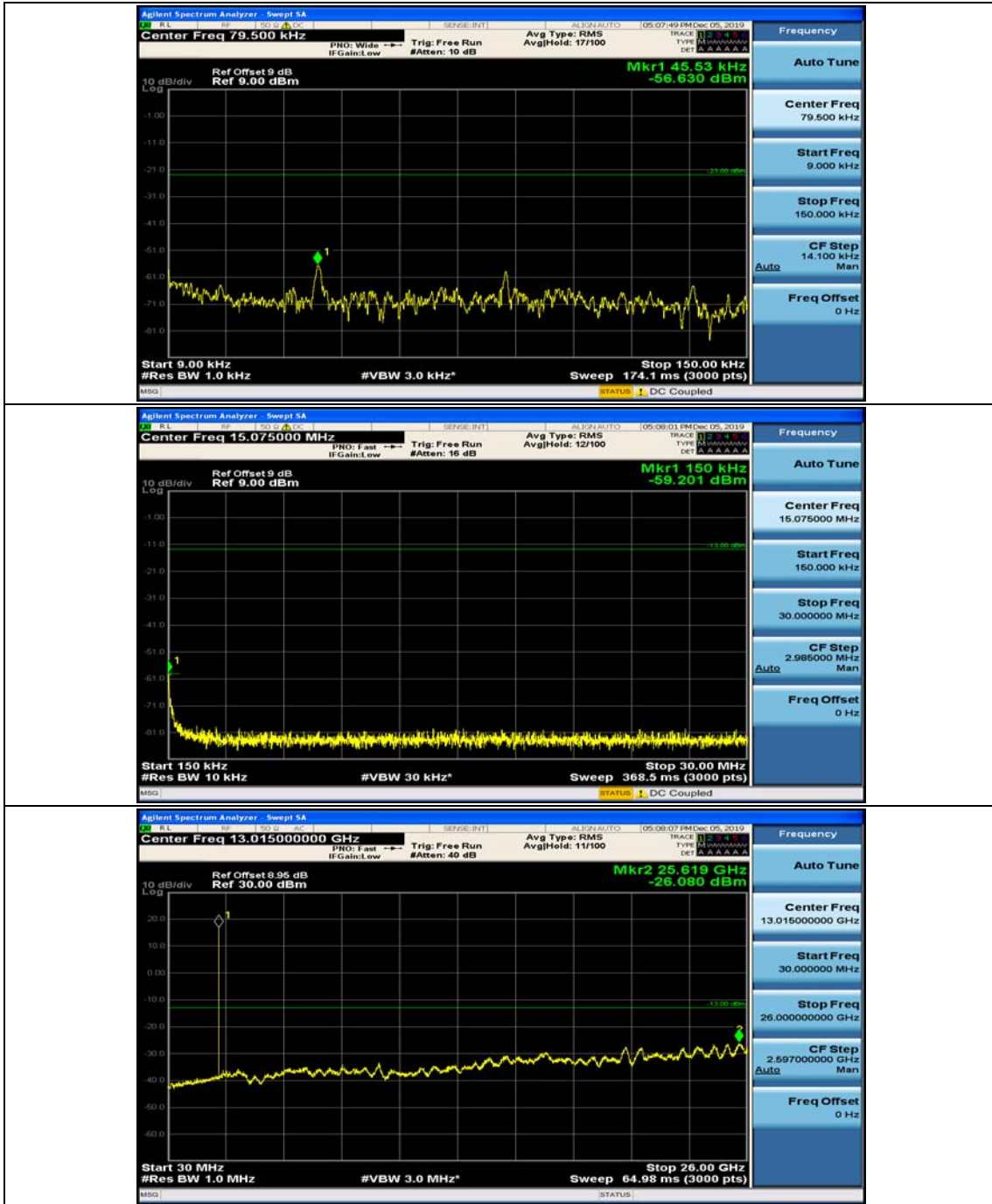


(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#0

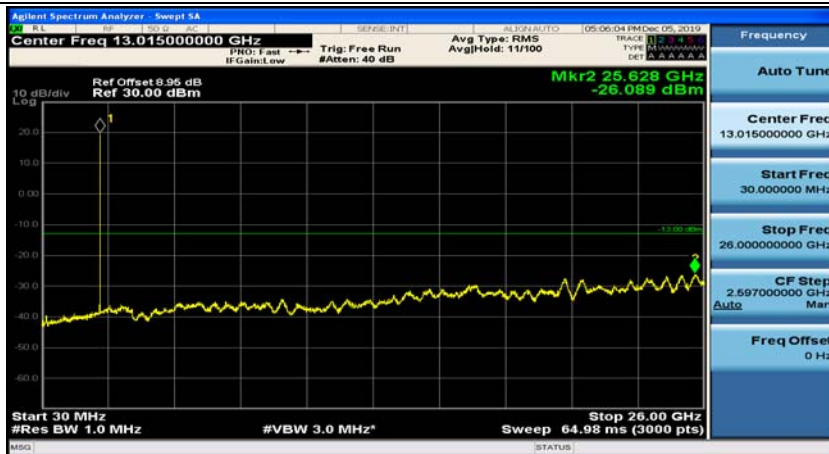
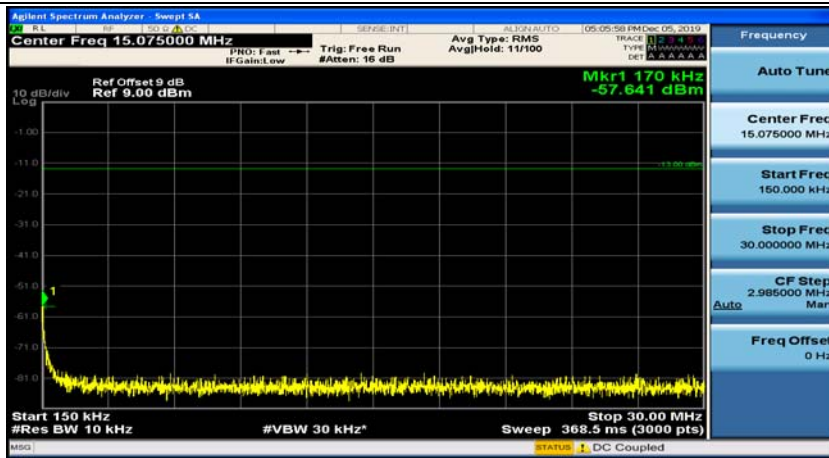
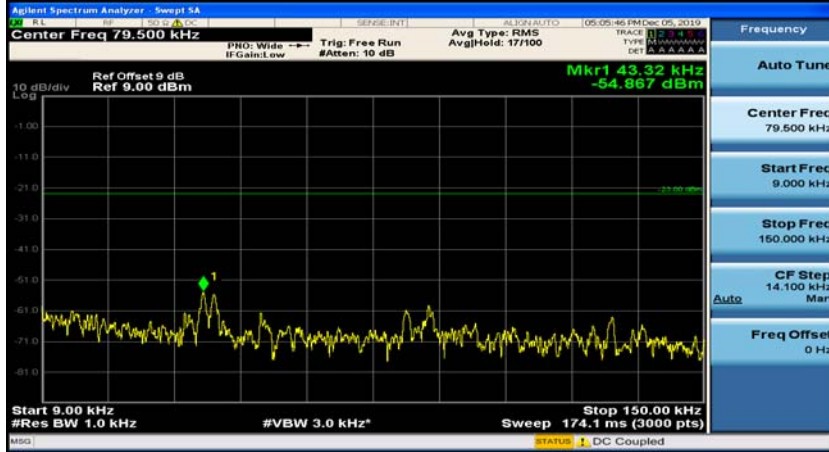


(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#12

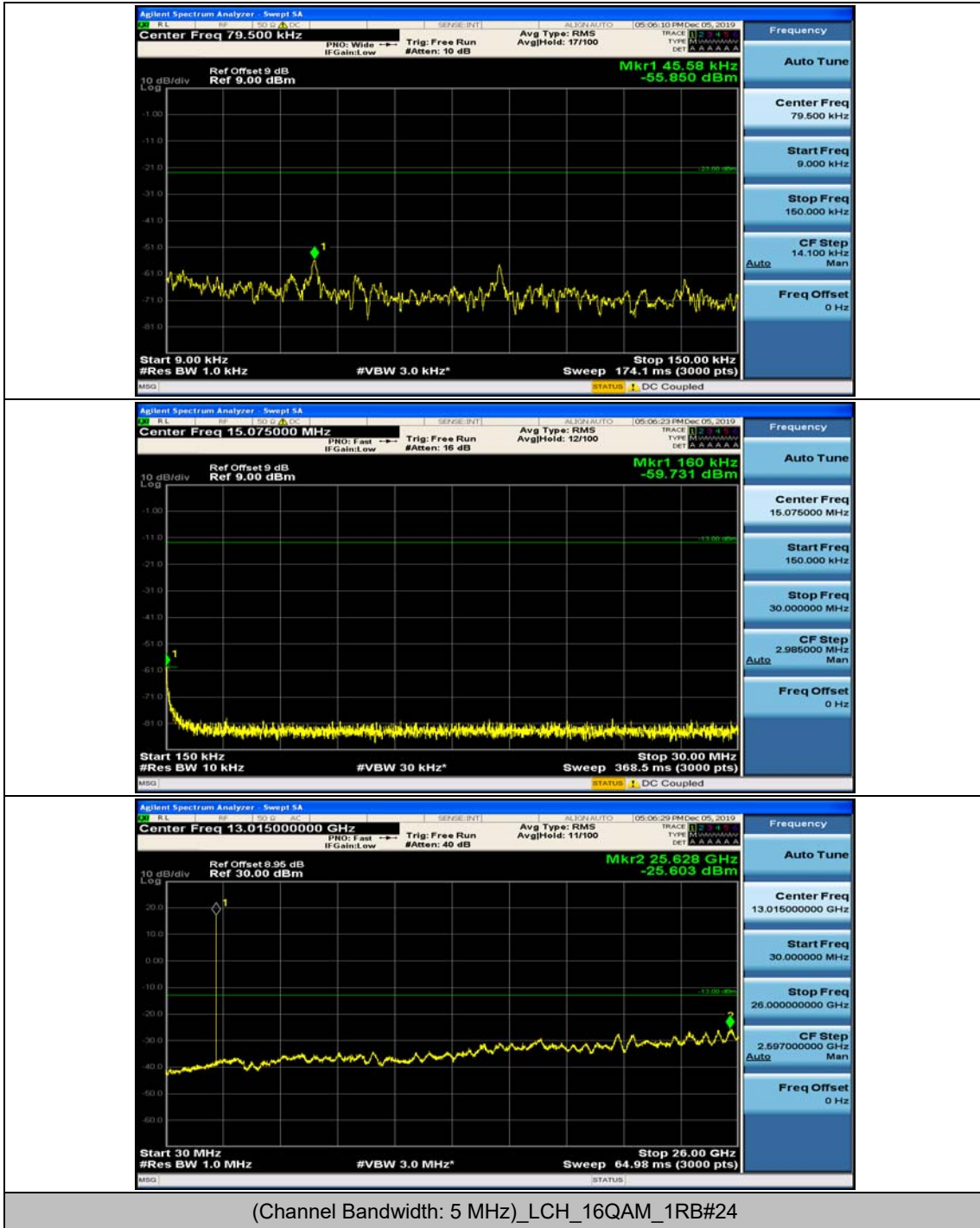


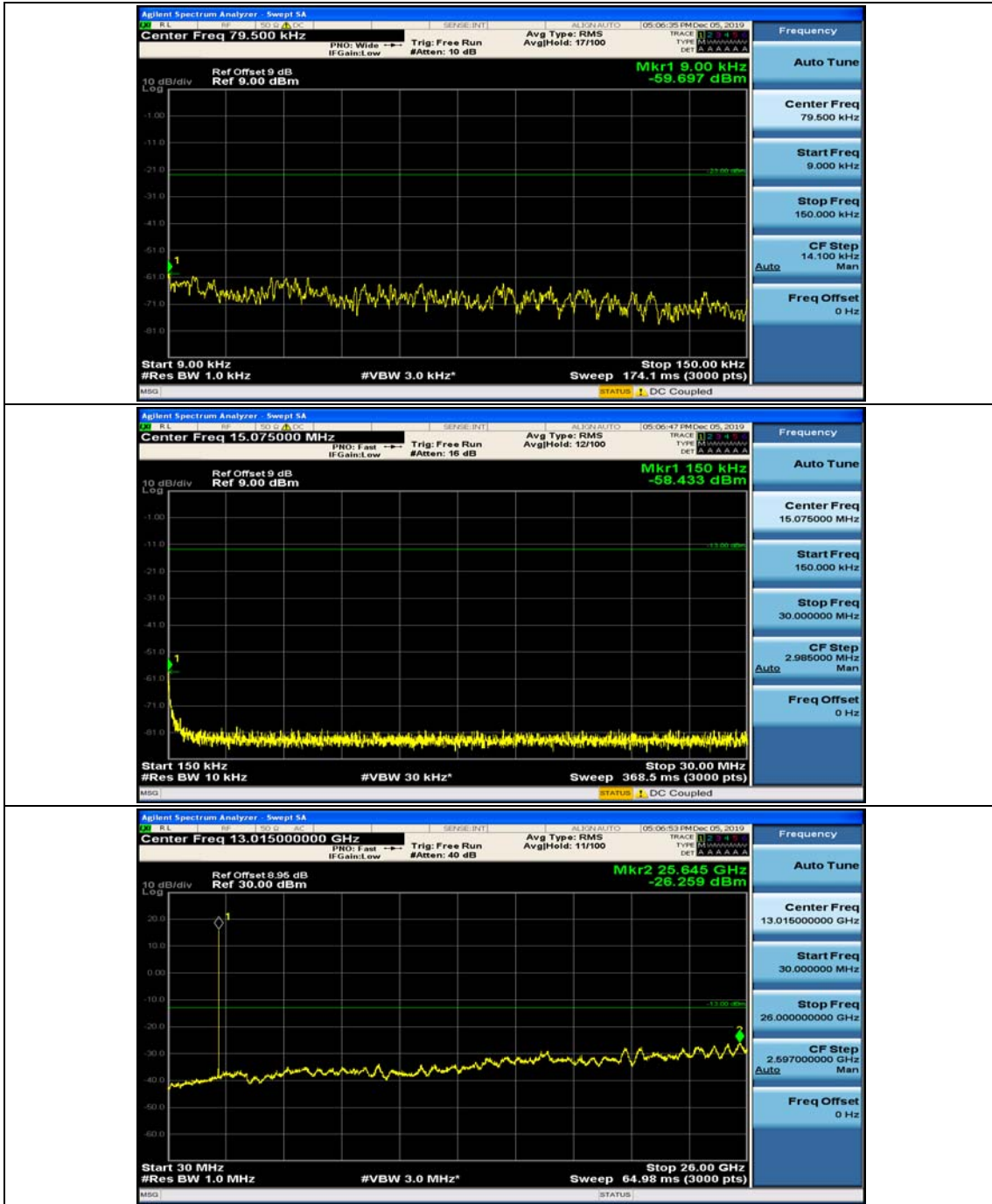


(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#0

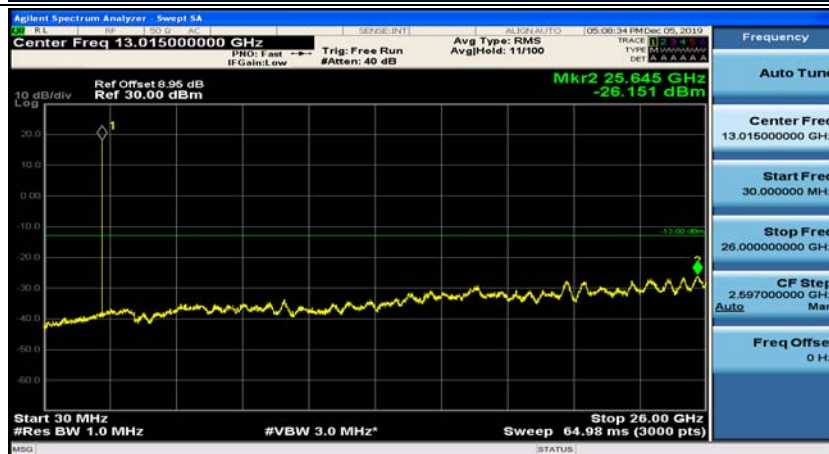
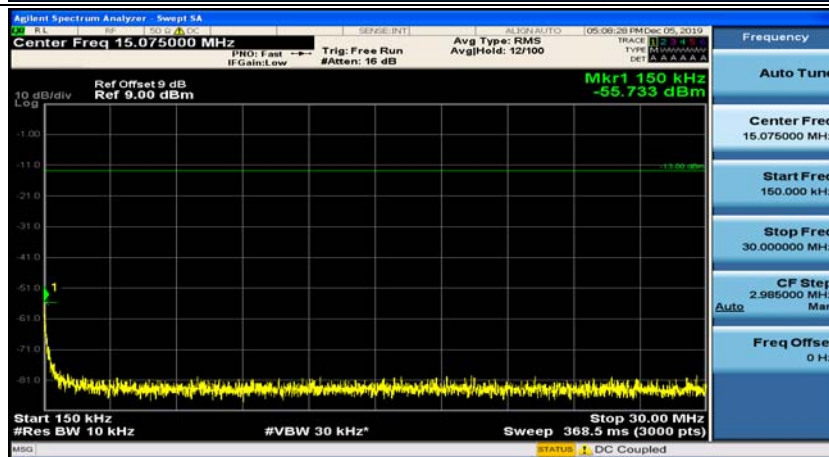
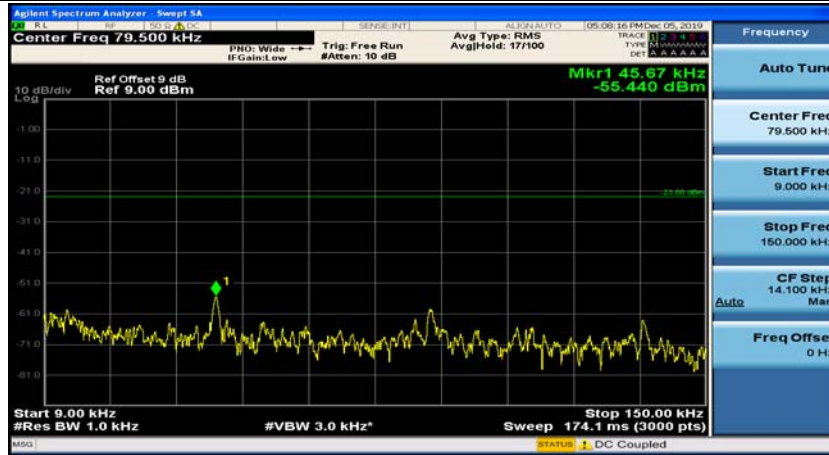


(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#12

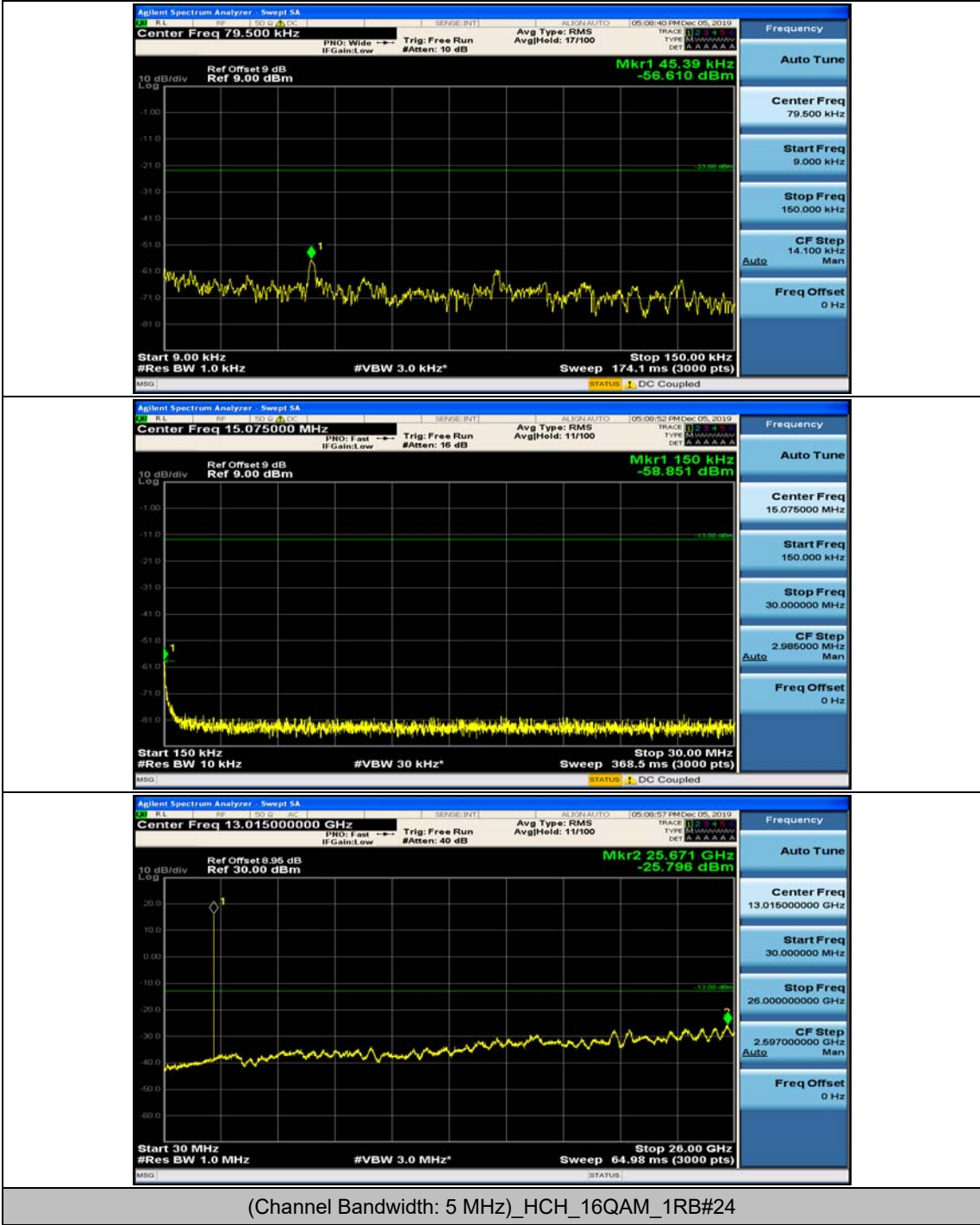




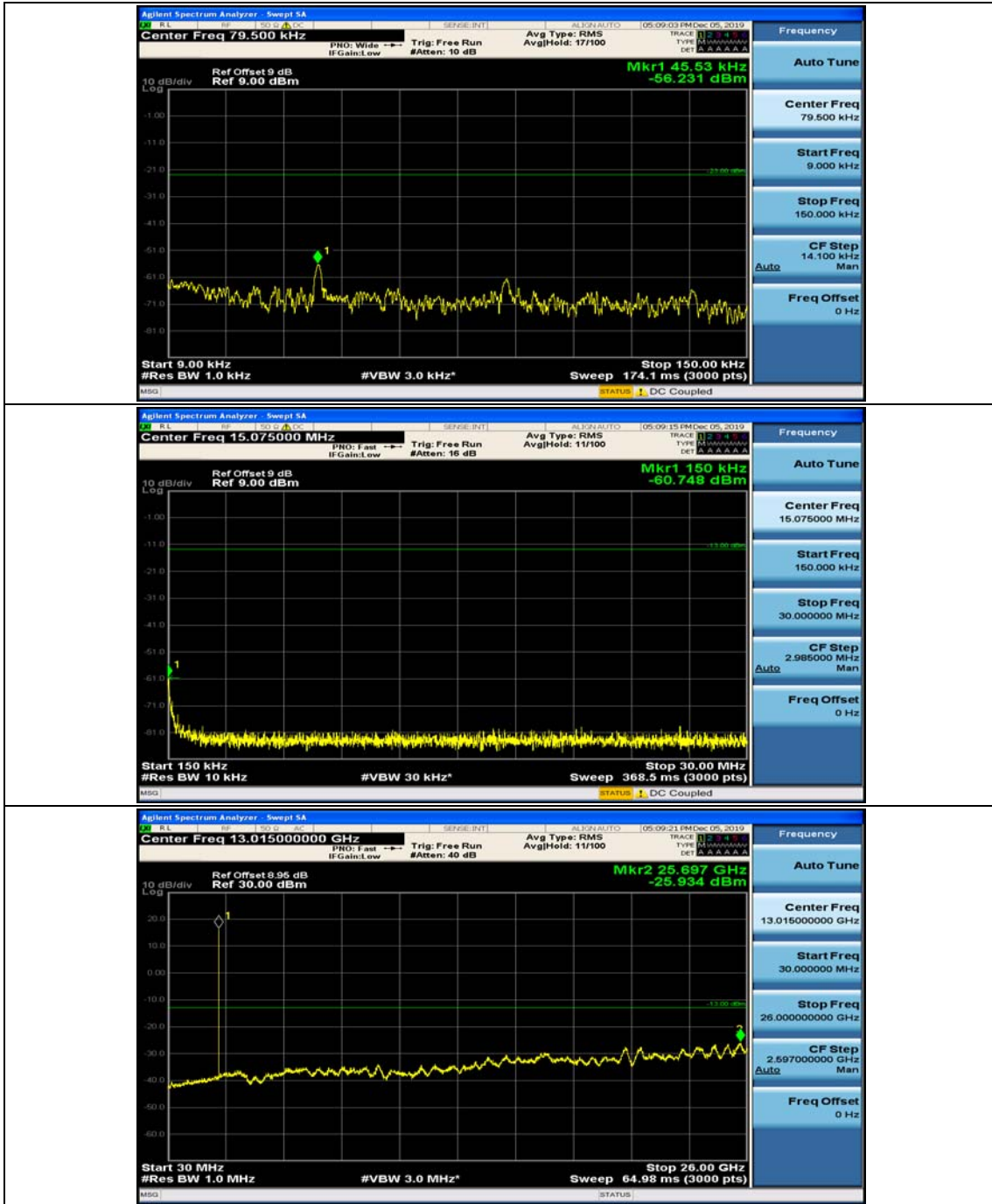
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#0



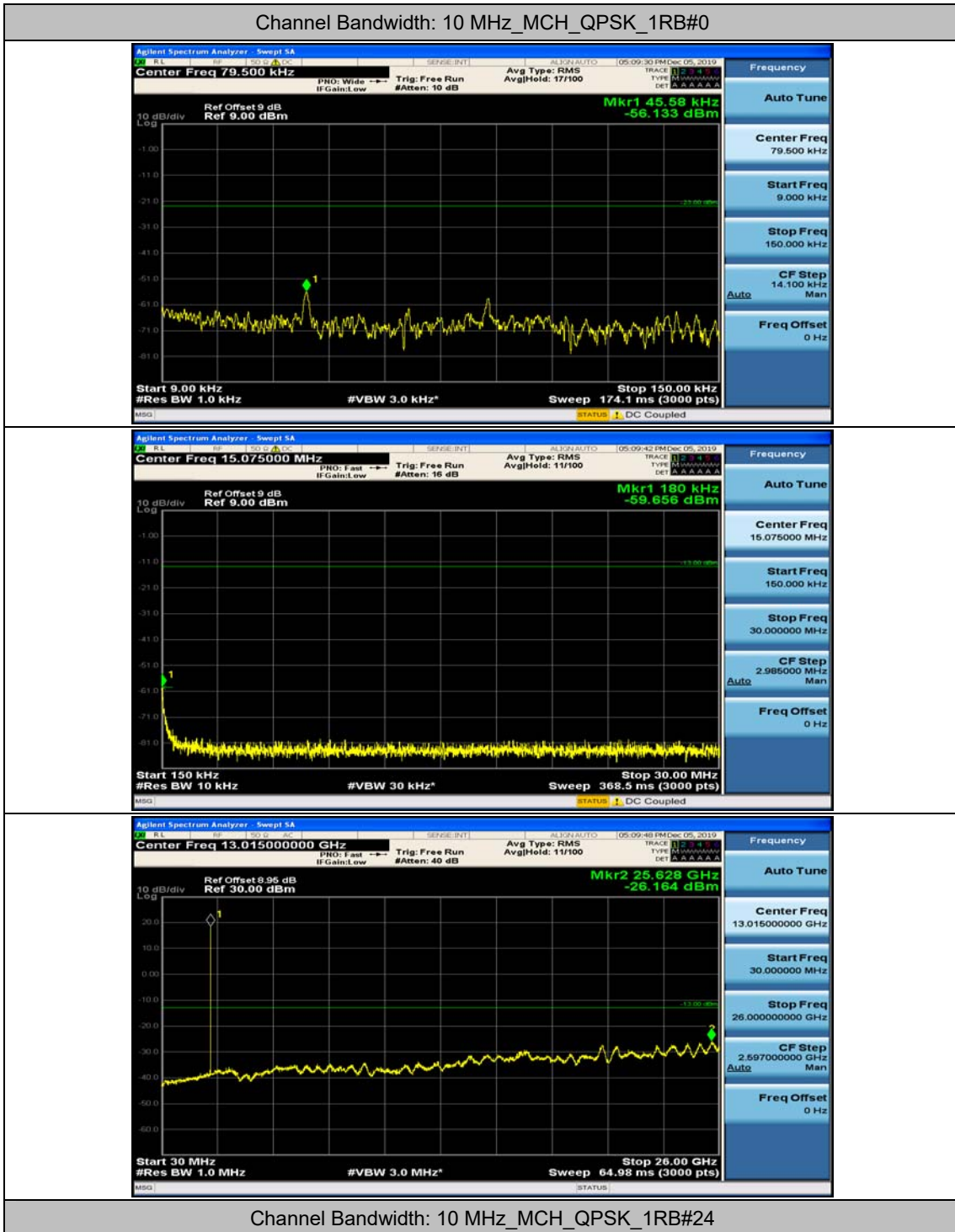
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#12

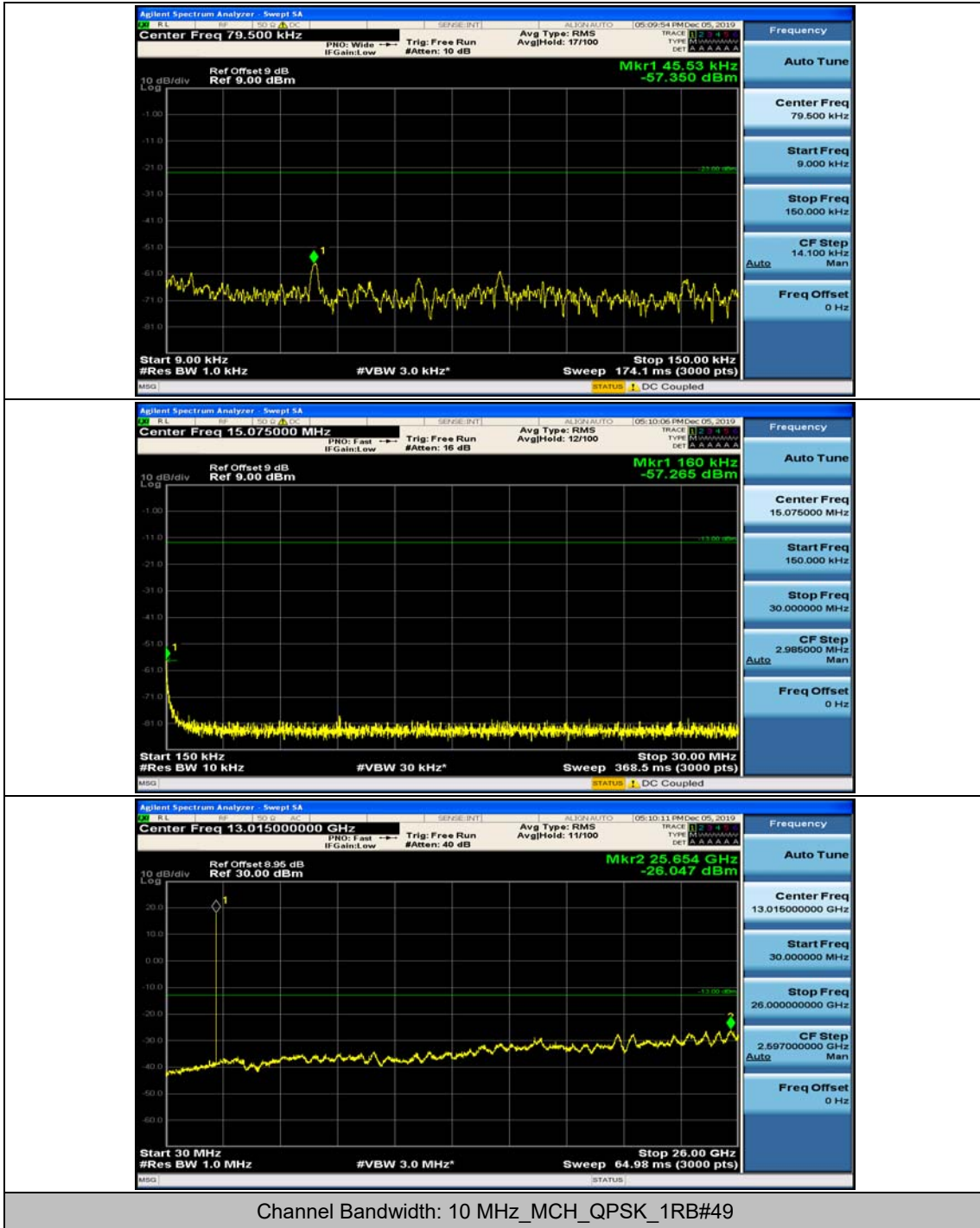


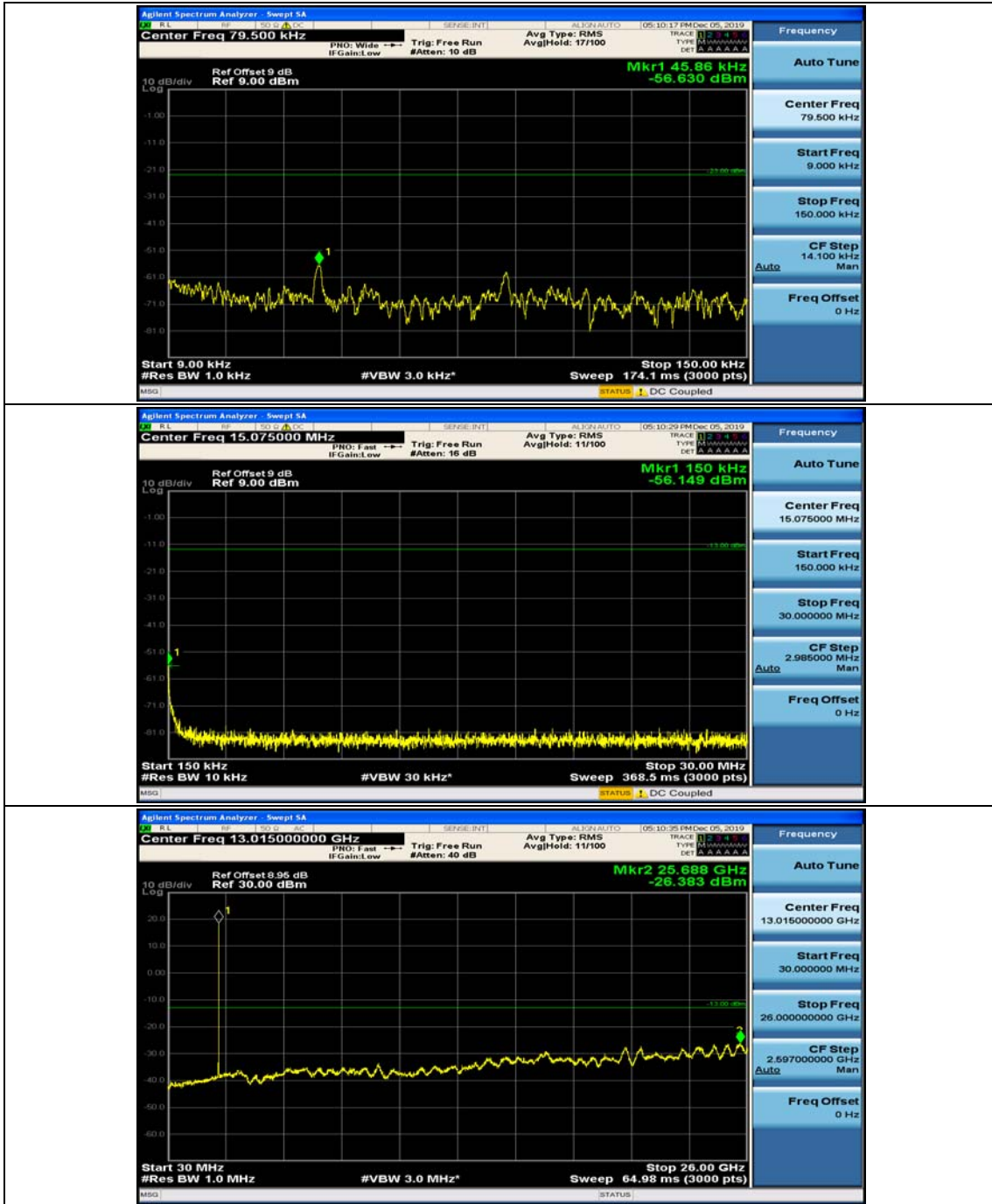




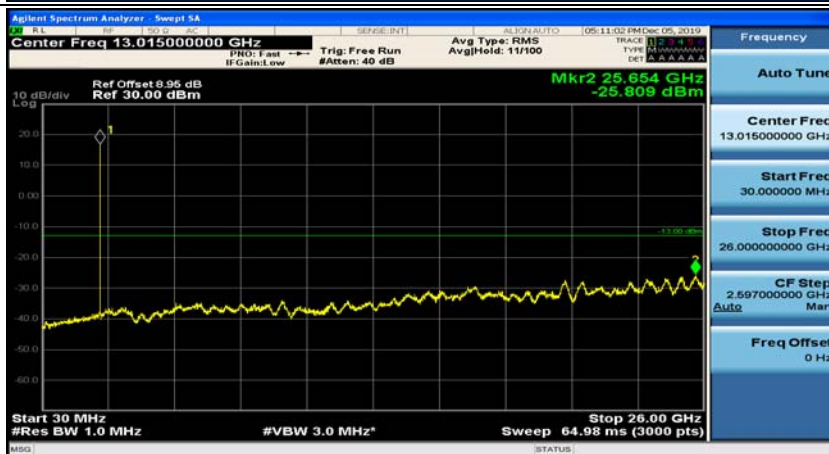
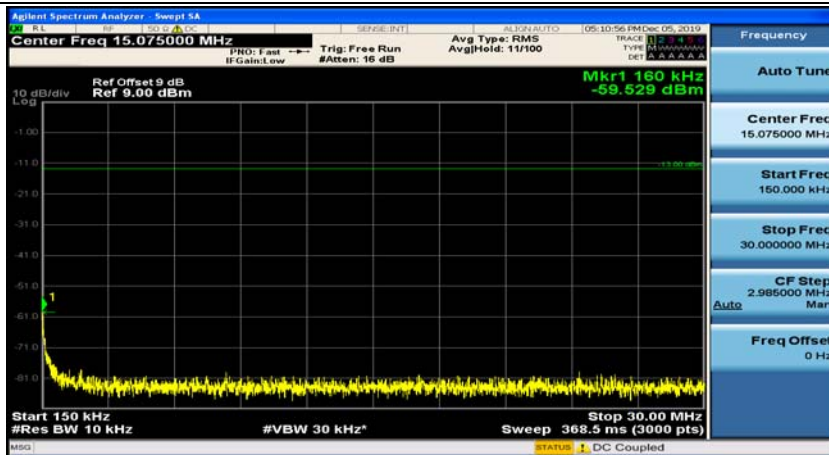
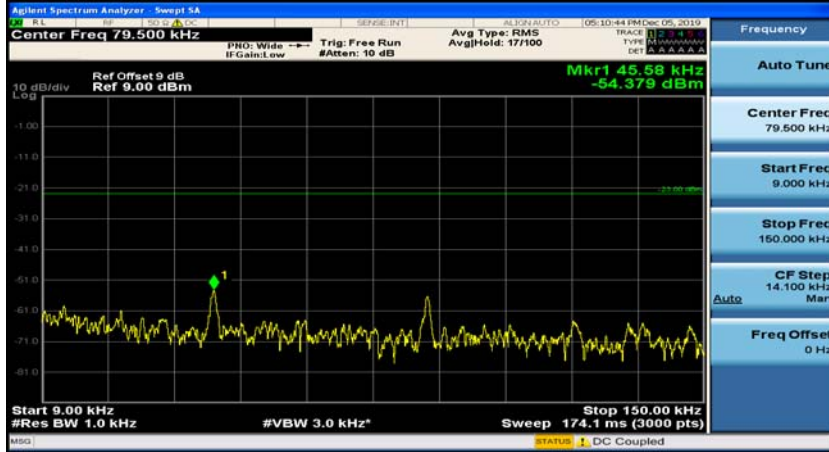
### Channel Bandwidth: 10 MHz



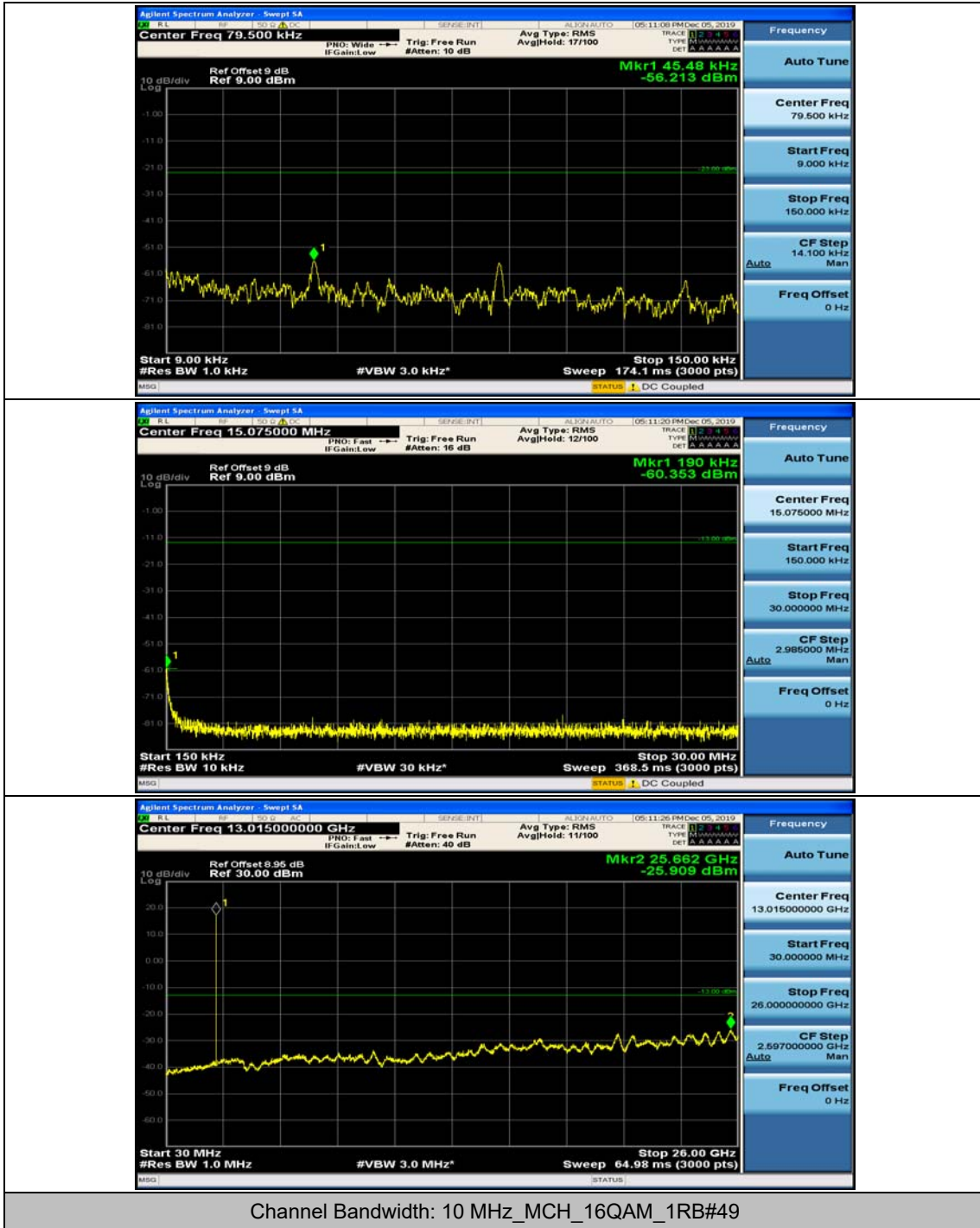


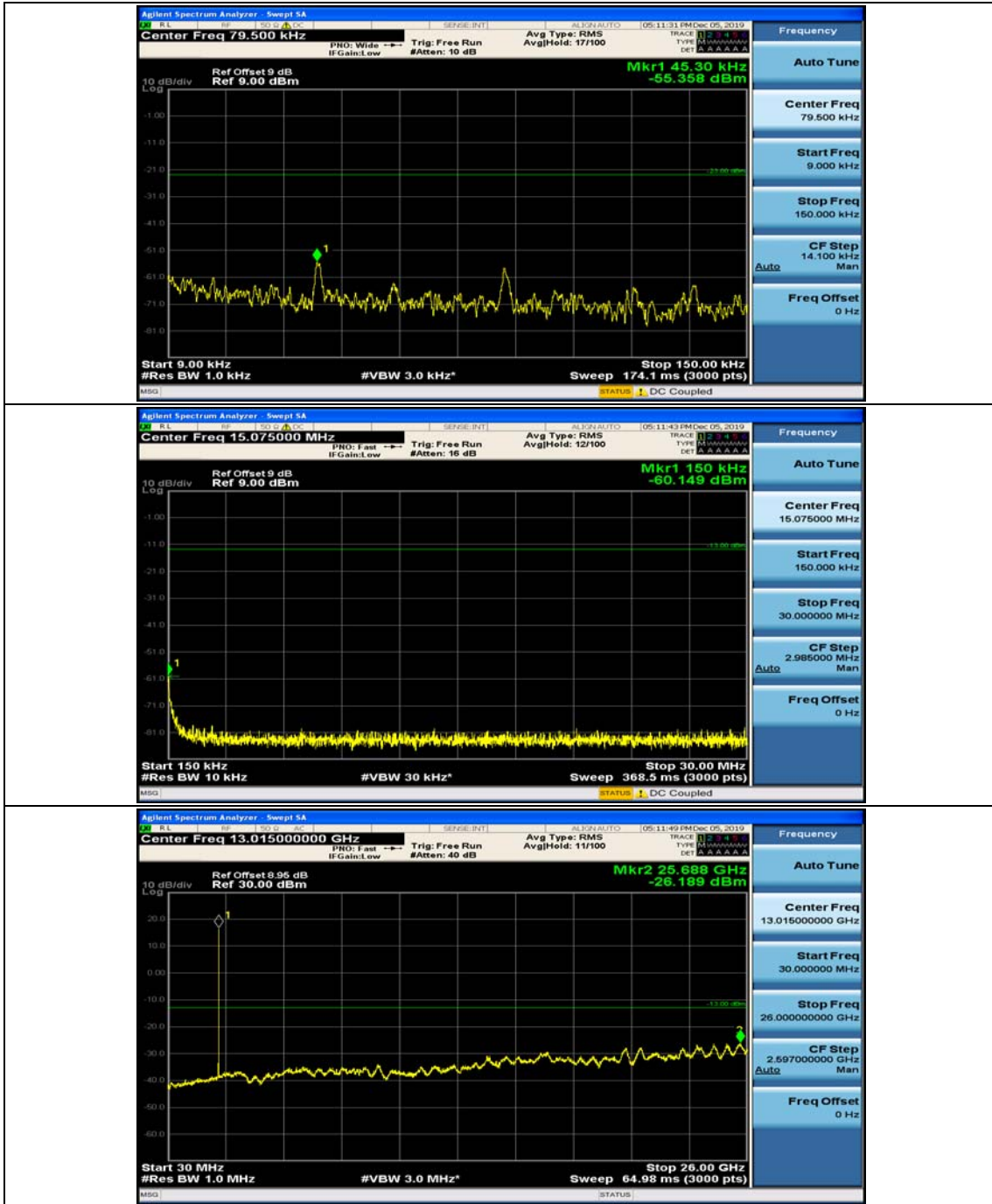


Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#0



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	0.16	0.000069	± 2.5	PASS
		VN	TN	0.15	0.000065	± 2.5	PASS
		VH	TN	2.5	0.001083	± 2.5	PASS
	HCH	VL	TN	3.07	0.001328	± 2.5	PASS
		VN	TN	1.49	0.000644	± 2.5	PASS
		VH	TN	-0.47	-0.000203	± 2.5	PASS
16QAM	LCH	VL	TN	-0.97	-0.000420	± 2.5	PASS
		VN	TN	1.44	0.000624	± 2.5	PASS
		VH	TN	3.48	0.001508	± 2.5	PASS
	HCH	VL	TN	-0.35	-0.000151	± 2.5	PASS
		VN	TN	-1.47	-0.000636	± 2.5	PASS
		VH	TN	4.63	0.002002	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	2.45	0.001062	± 2.5	PASS
		VN	-20	2.68	0.001161	± 2.5	PASS
		VN	-10	-0.68	-0.000295	± 2.5	PASS
		VN	0	-1.58	-0.000685	± 2.5	PASS
		VN	10	4.39	0.001902	± 2.5	PASS
		VN	20	1.17	0.000507	± 2.5	PASS
		VN	30	1.86	0.000806	± 2.5	PASS
		VN	40	-0.86	-0.000373	± 2.5	PASS
	HCH	VN	50	4.15	0.001798	± 2.5	PASS
		VN	-30	4.99	0.002158	± 2.5	PASS
		VN	-20	-0.7	-0.000303	± 2.5	PASS
		VN	-10	0.3	0.000130	± 2.5	PASS
		VN	0	2.9	0.001254	± 2.5	PASS
		VN	10	-1.71	-0.000739	± 2.5	PASS
		VN	20	-0.98	-0.000424	± 2.5	PASS
		VN	30	1.5	0.000649	± 2.5	PASS
VN	40	4.12	0.001782	± 2.5	PASS		



		VN	50	4.68	0.002024	± 2.5	PASS
16QAM	LCH	VN	-30	-1.3	-0.000563	± 2.5	PASS
		VN	-20	-0.23	-0.000100	± 2.5	PASS
		VN	-10	0.04	0.000017	± 2.5	PASS
		VN	0	3.72	0.001612	± 2.5	PASS
		VN	10	2.27	0.000984	± 2.5	PASS
		VN	20	0.05	0.000022	± 2.5	PASS
		VN	30	4.88	0.002115	± 2.5	PASS
		VN	40	-0.47	-0.000204	± 2.5	PASS
		VN	50	2.59	0.001122	± 2.5	PASS
		HCH	VN	-30	-0.35	-0.000151	± 2.5
	VN		-20	4.29	0.001855	± 2.5	PASS
	VN		-10	2.66	0.001150	± 2.5	PASS
	VN		0	3.24	0.001401	± 2.5	PASS
	VN		10	4.6	0.001989	± 2.5	PASS
	VN		20	-0.41	-0.000177	± 2.5	PASS
	VN		30	1.49	0.000644	± 2.5	PASS
	VN		40	0.36	0.000156	± 2.5	PASS
			VN	50	0.87	0.000376	± 2.5

**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	1.09	0.000472	± 2.5	PASS
		VN	TN	1.93	0.000835	± 2.5	PASS
		VH	TN	-0.95	-0.000411	± 2.5	PASS
16QAM	MCH	VL	TN	0.8	0.000346	± 2.5	PASS
		VN	TN	3.43	0.001485	± 2.5	PASS
		VH	TN	2.15	0.000931	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	MCH	VN	-30	1.09	0.000472	± 2.5	PASS
		VN	-20	1.93	0.000835	± 2.5	PASS
		VN	-10	-0.95	-0.000411	± 2.5	PASS
		VN	0	-0.25	-0.000108	± 2.5	PASS
		VN	10	0.74	0.000320	± 2.5	PASS
		VN	20	3.87	0.001675	± 2.5	PASS
		VN	30	2.49	0.001078	± 2.5	PASS
		VN	40	2.01	0.000870	± 2.5	PASS
		VN	50	0.79	0.000342	± 2.5	PASS
16QAM	MCH	VN	-30	2.72	0.001177	± 2.5	PASS
		VN	-20	0.75	0.000325	± 2.5	PASS
		VN	-10	2.93	0.001268	± 2.5	PASS
		VN	0	-1.02	-0.000442	± 2.5	PASS
		VN	10	2.45	0.001061	± 2.5	PASS
		VN	20	-0.53	-0.000229	± 2.5	PASS
		VN	30	3.78	0.001636	± 2.5	PASS
		VN	40	4.5	0.001948	± 2.5	PASS
		VN	50	4.85	0.002100	± 2.5	PASS