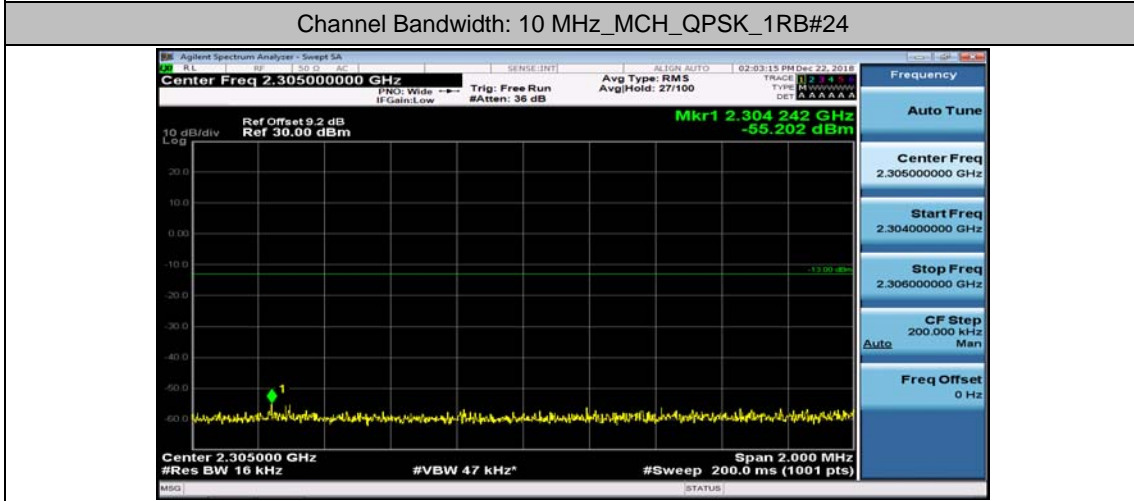
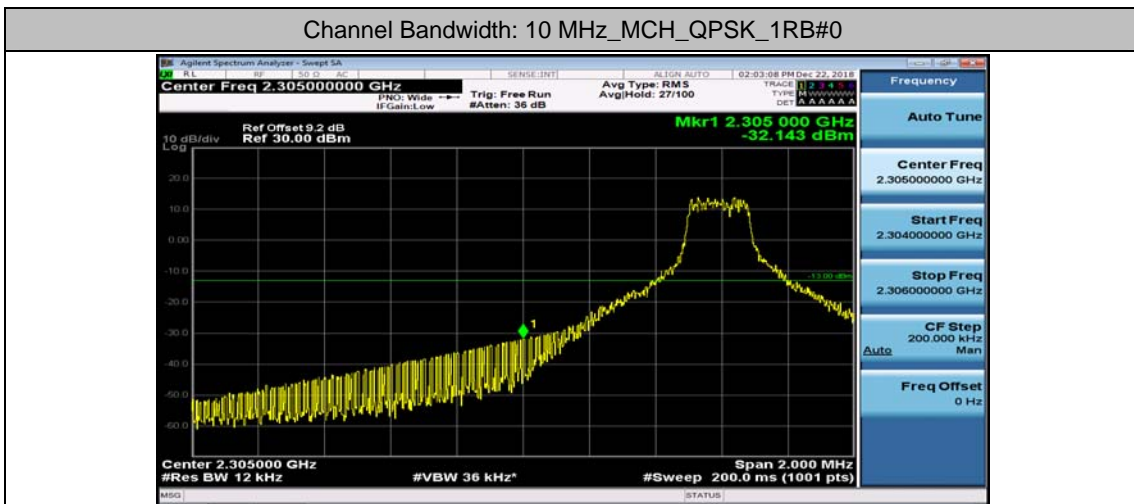
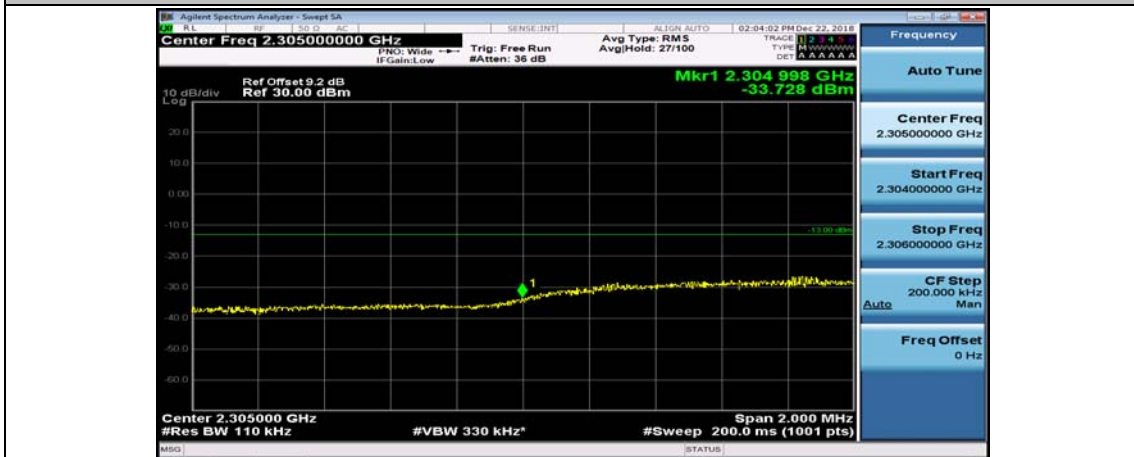
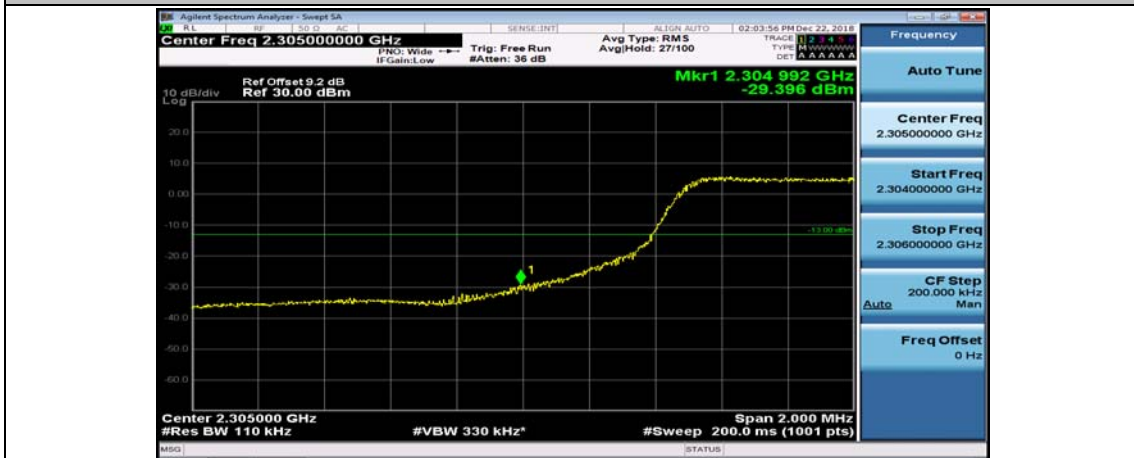
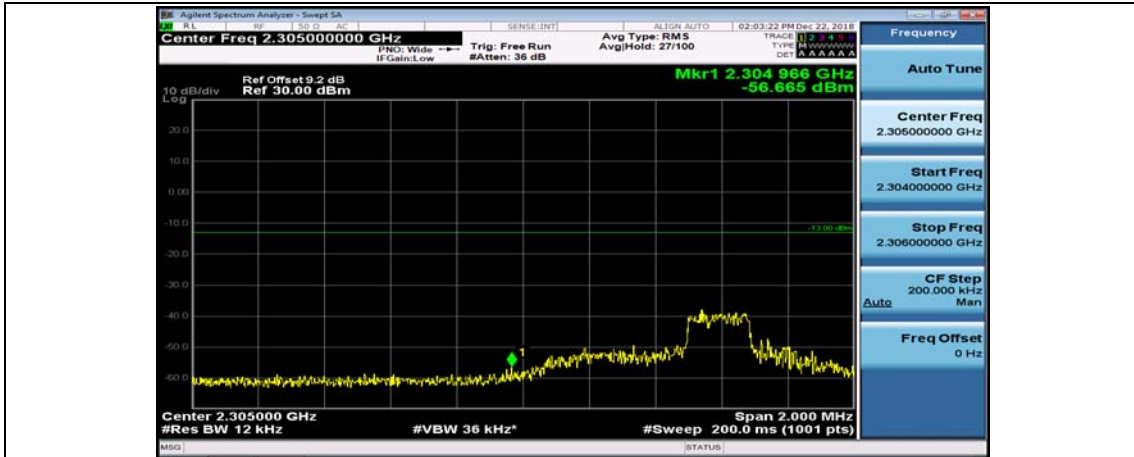
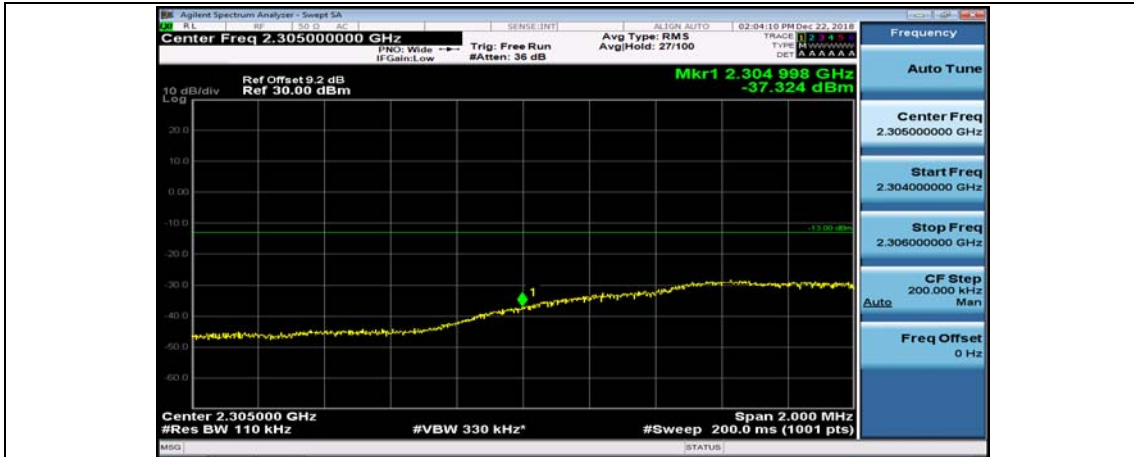


Channel Bandwidth: 10 MHz

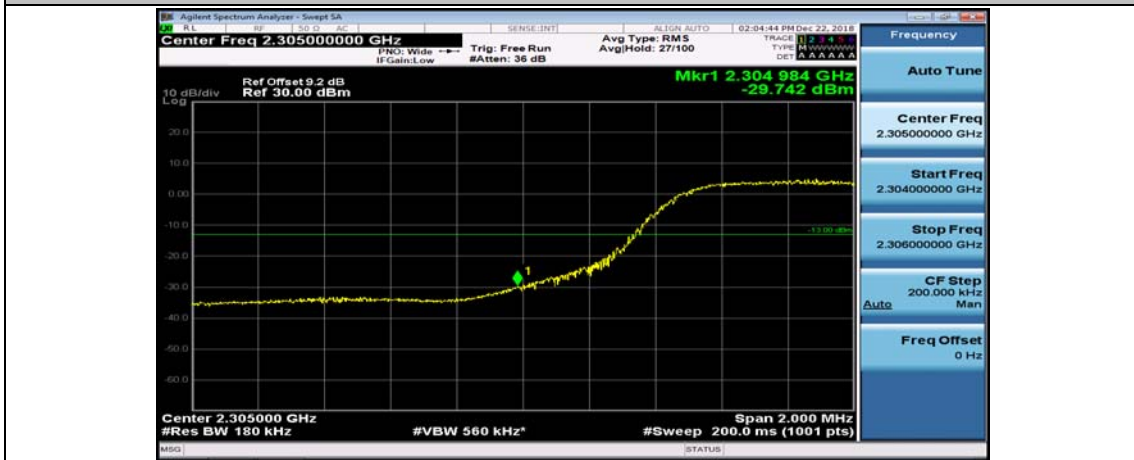


Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#49

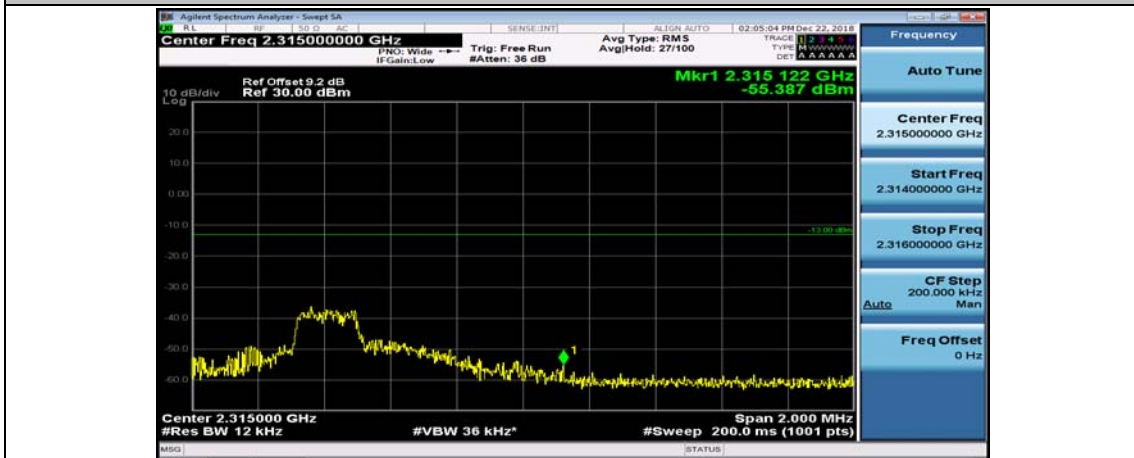




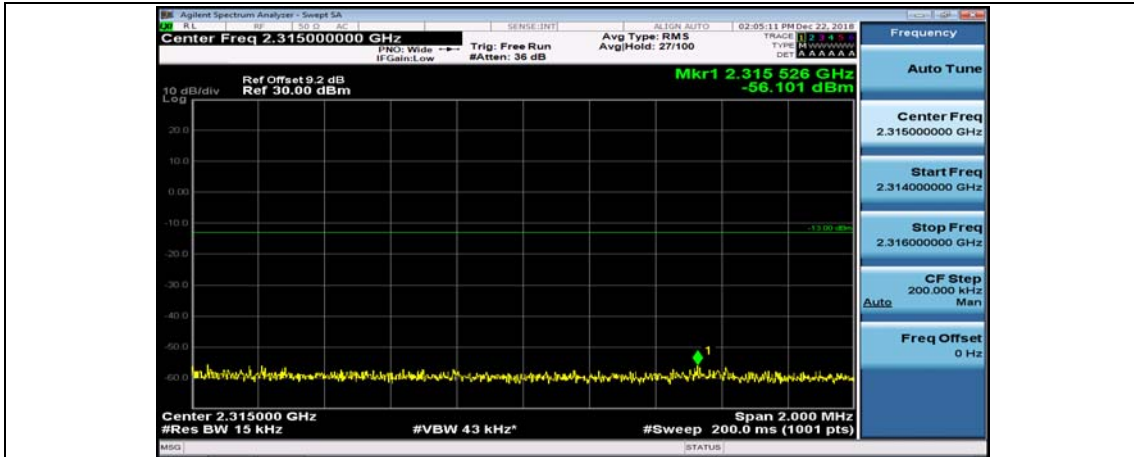
Channel Bandwidth: 10 MHz\_MCH\_QPSK\_50RB#0



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



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



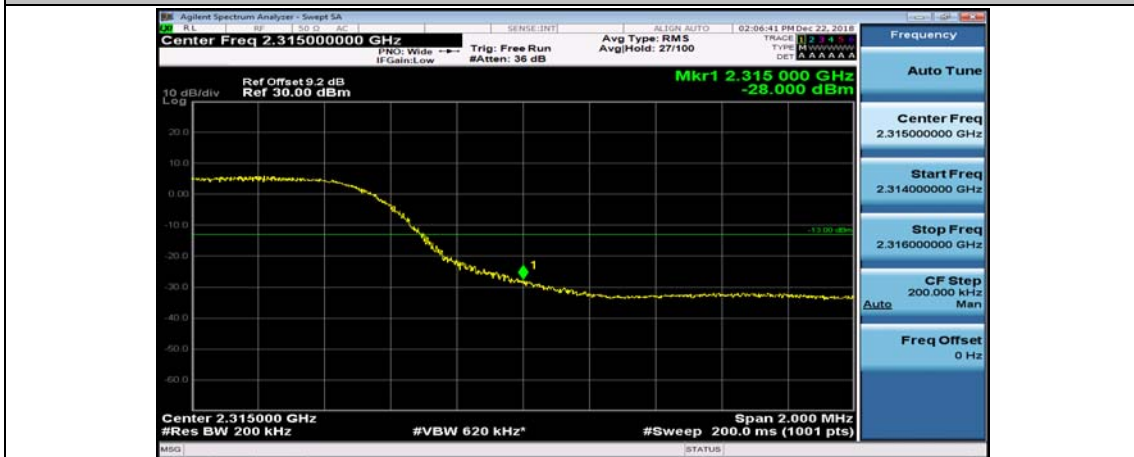
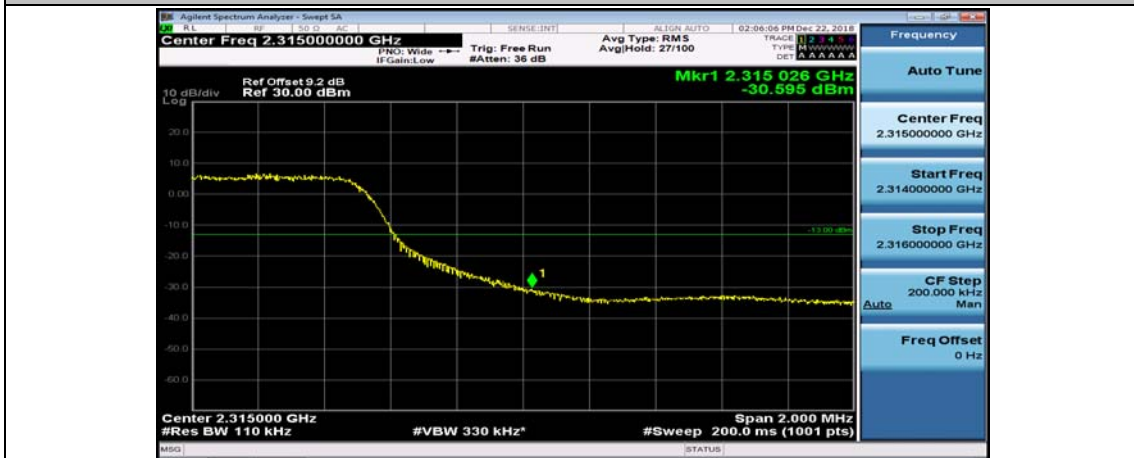
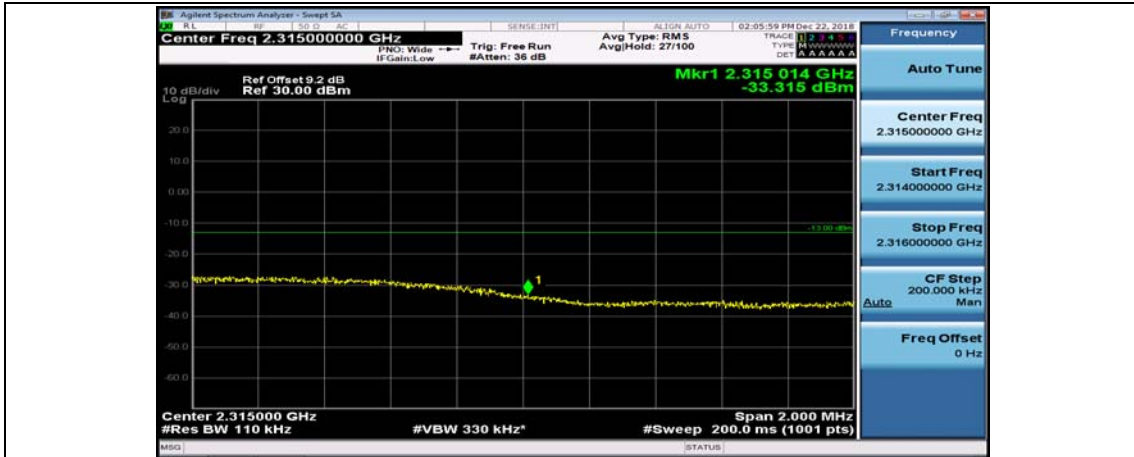
Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#49



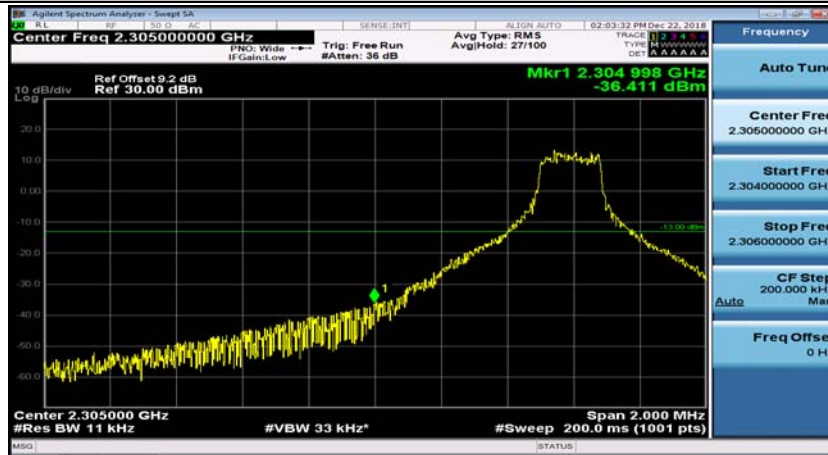
Channel Bandwidth: 10 MHz\_MCH\_QPSK\_25RB#0



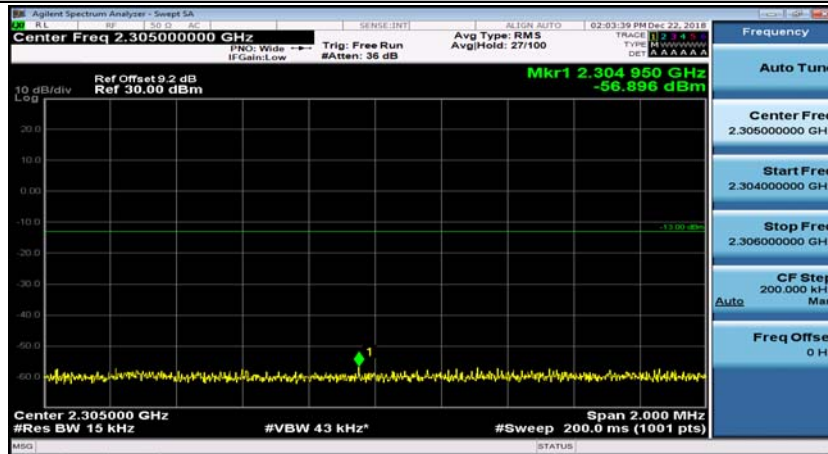
Channel Bandwidth: 10 MHz\_MCH\_QPSK\_25RB#12



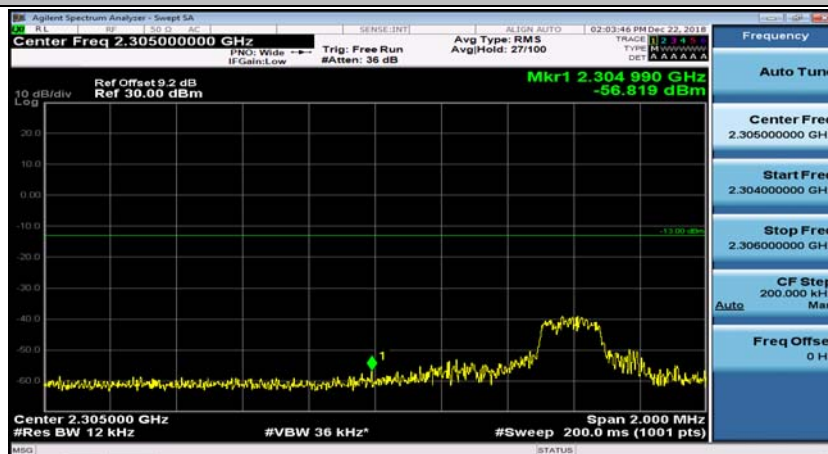
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#0



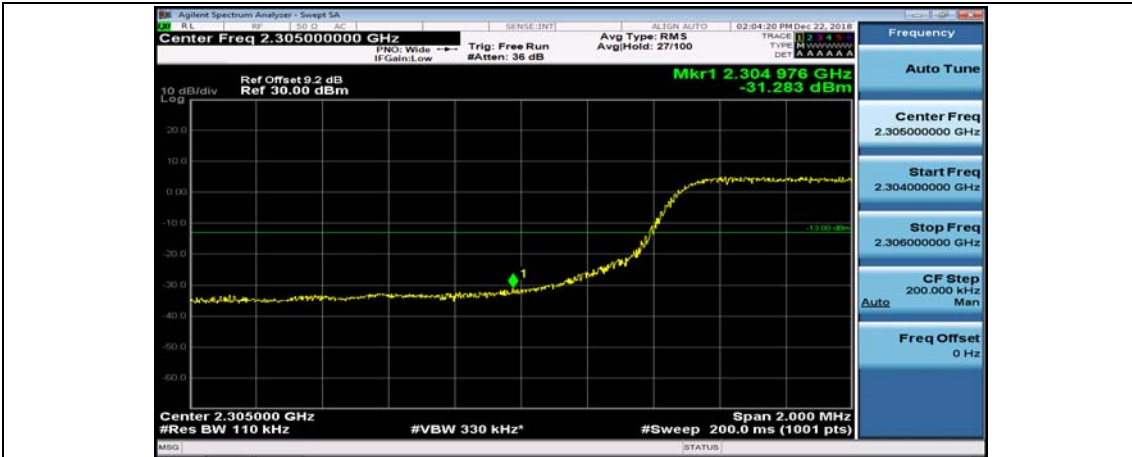
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#24



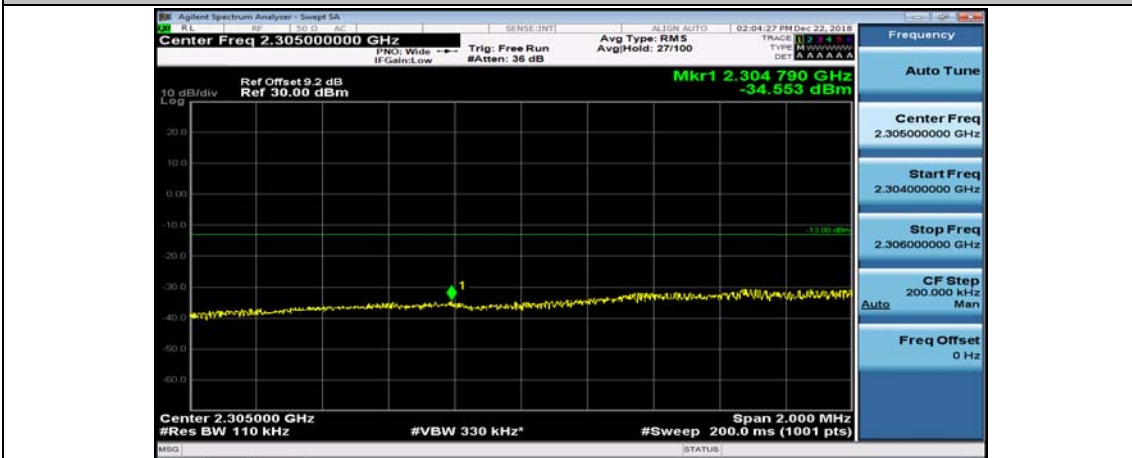
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#49



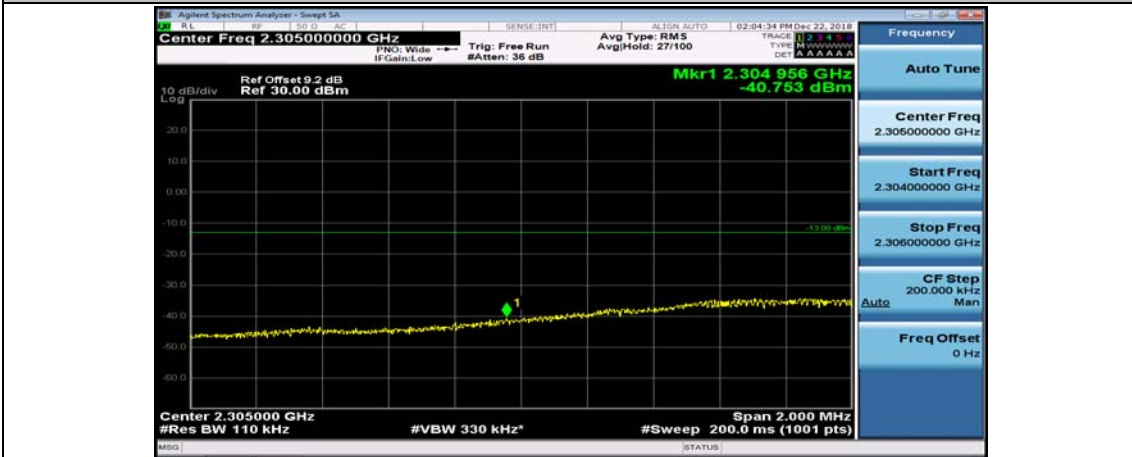
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_25RB#0



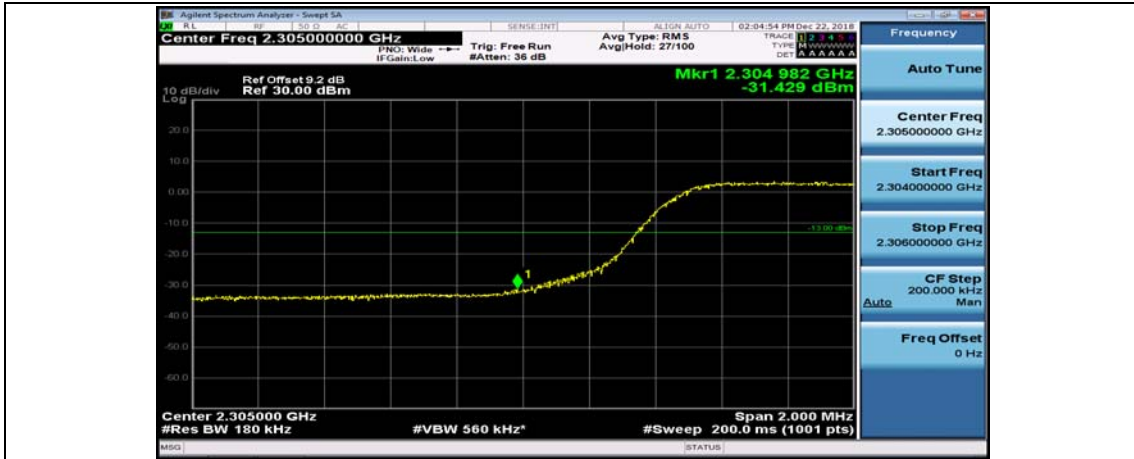
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_25RB#12



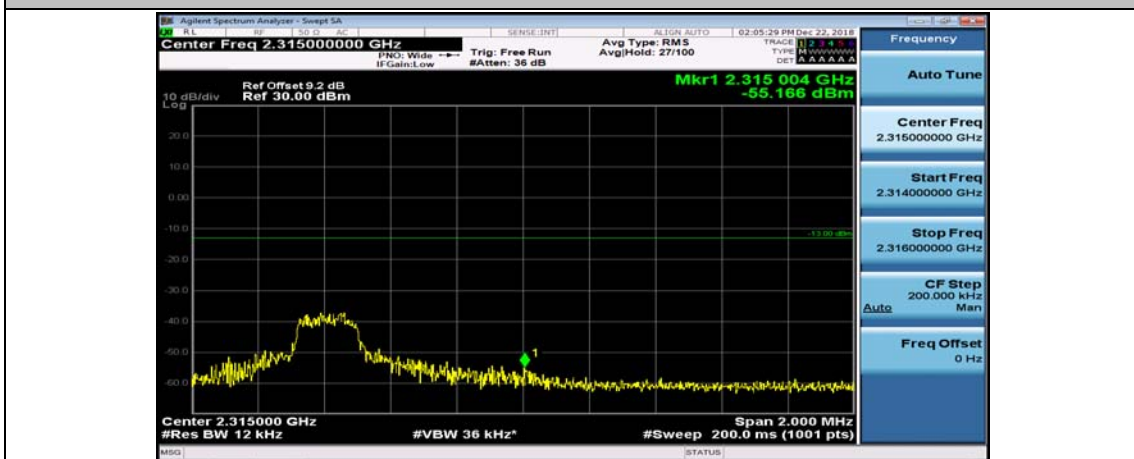
Channel Bandwidth: 10 MHz\_MCH\_6QAM\_25RB#25



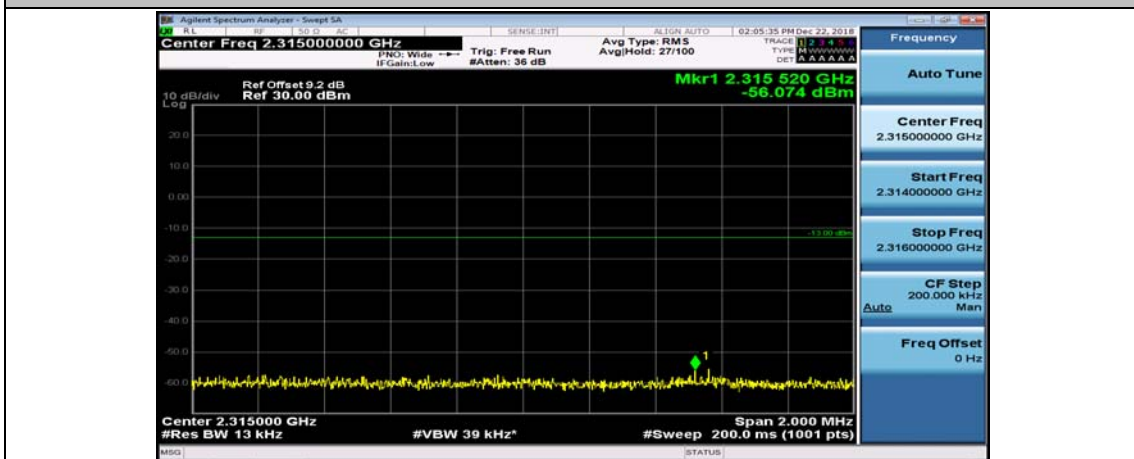
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_50RB#0



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

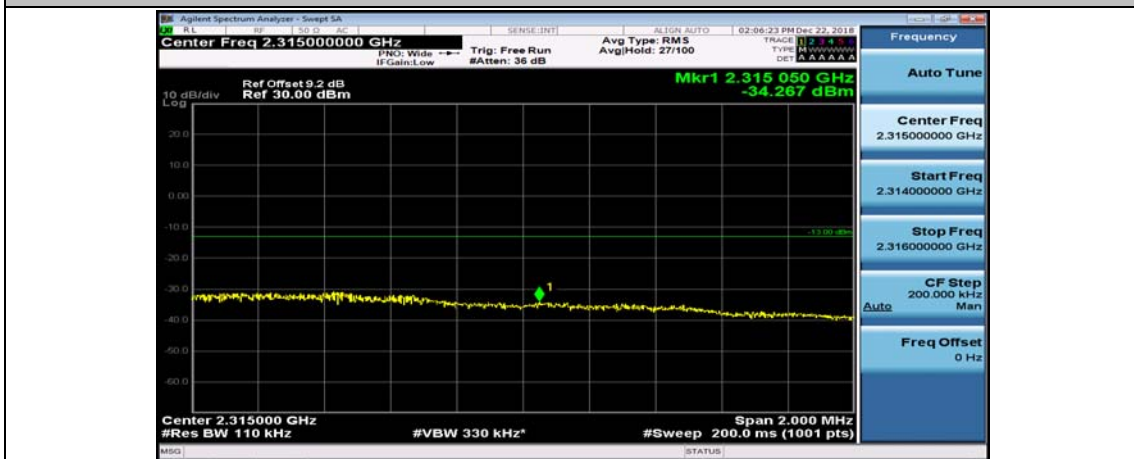
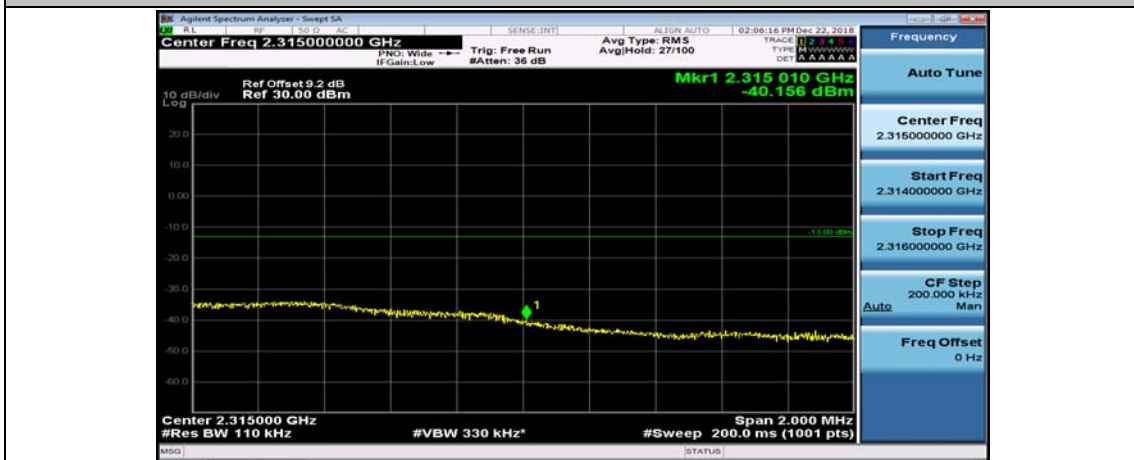
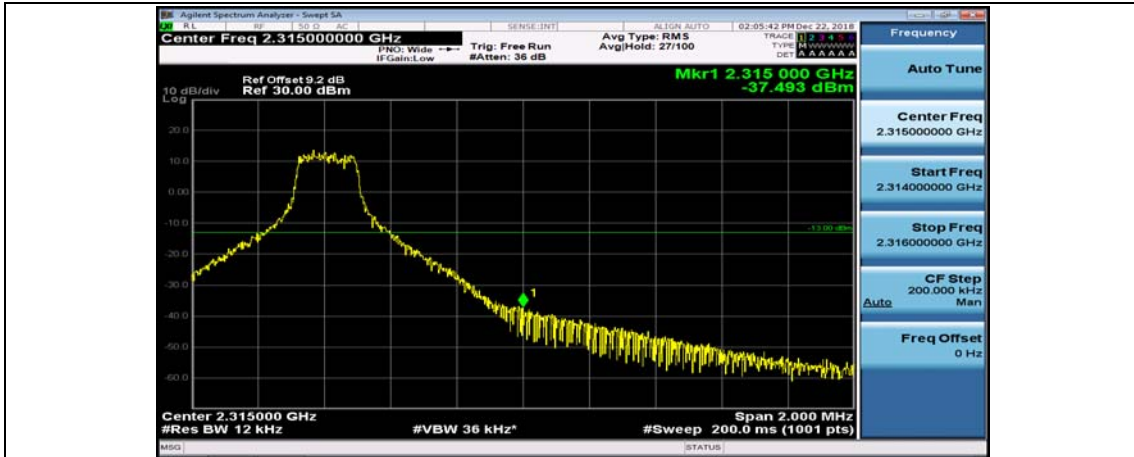


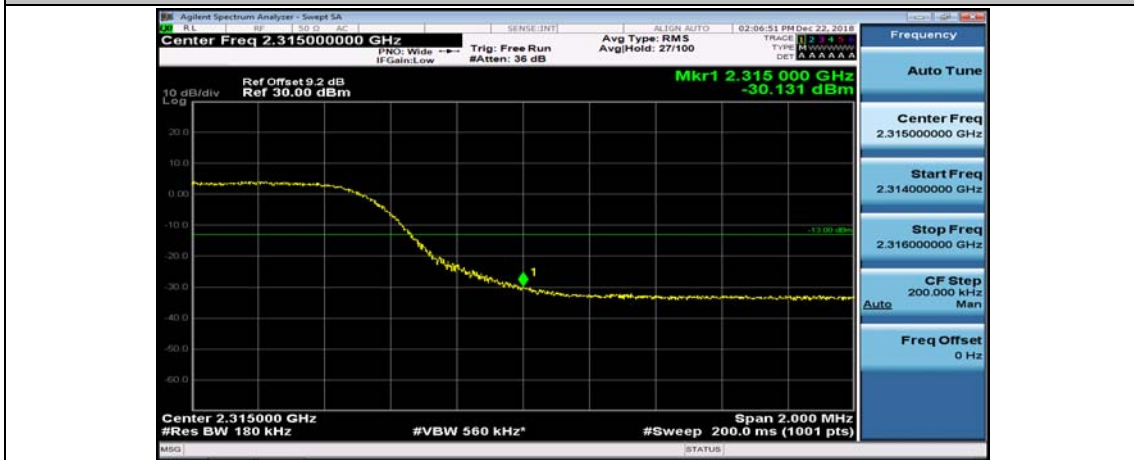
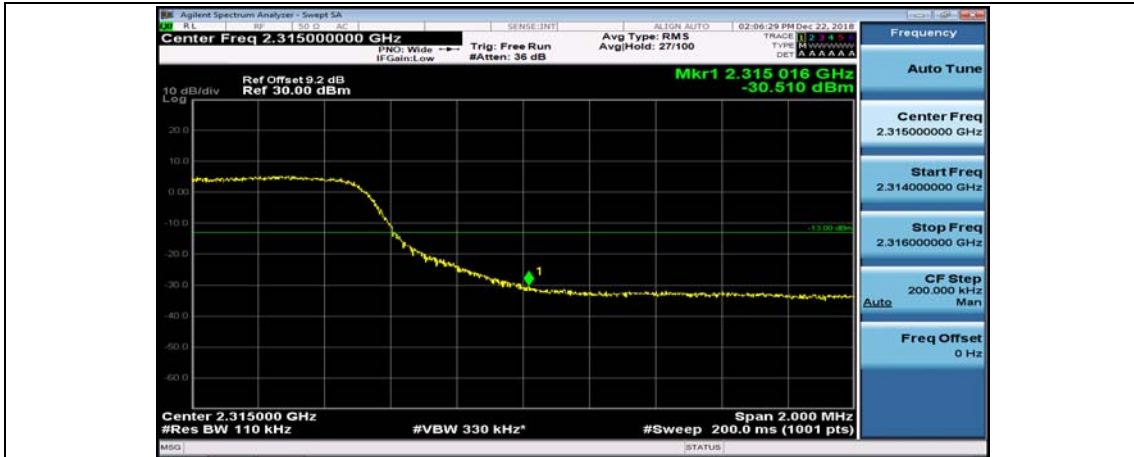
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#24



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



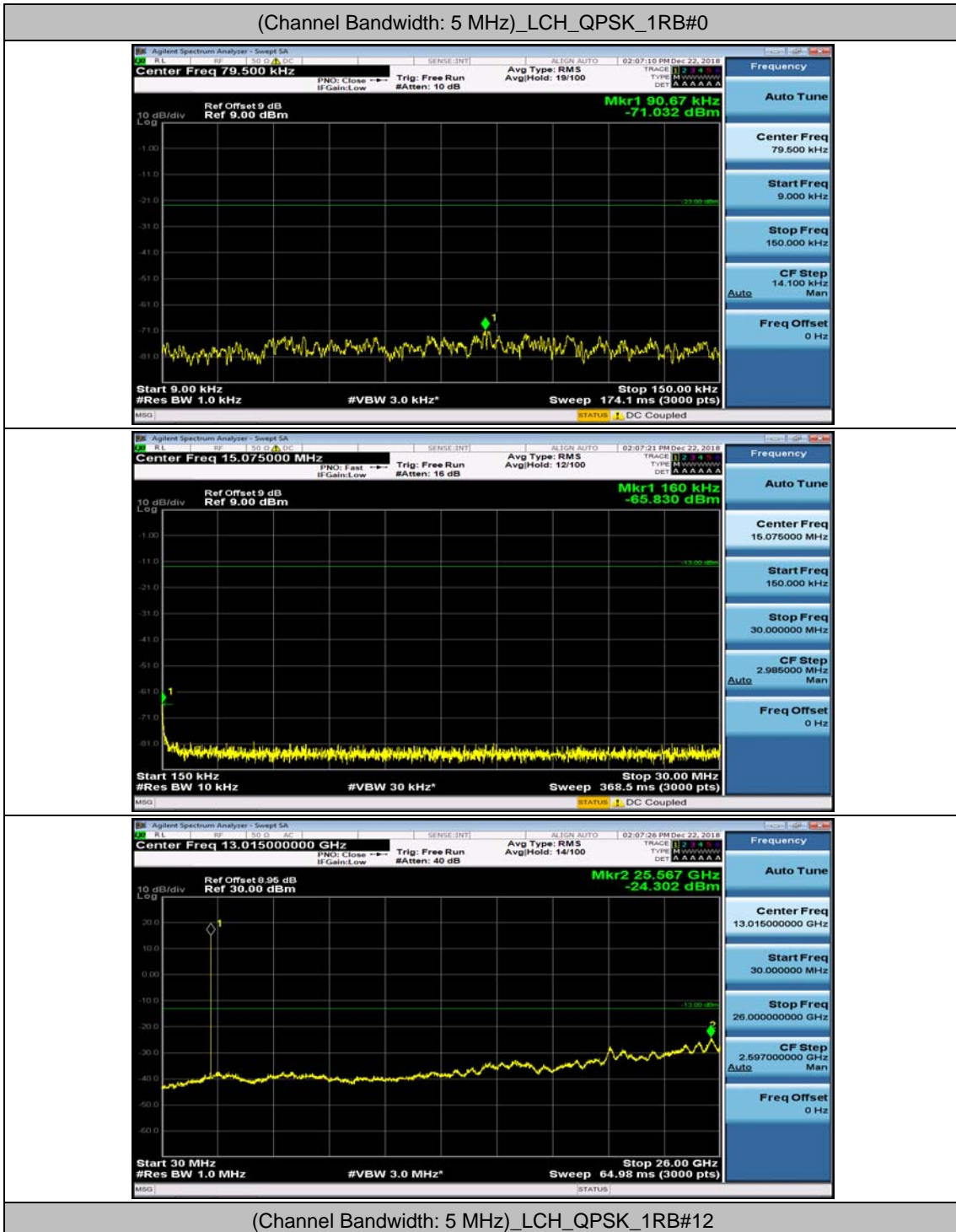


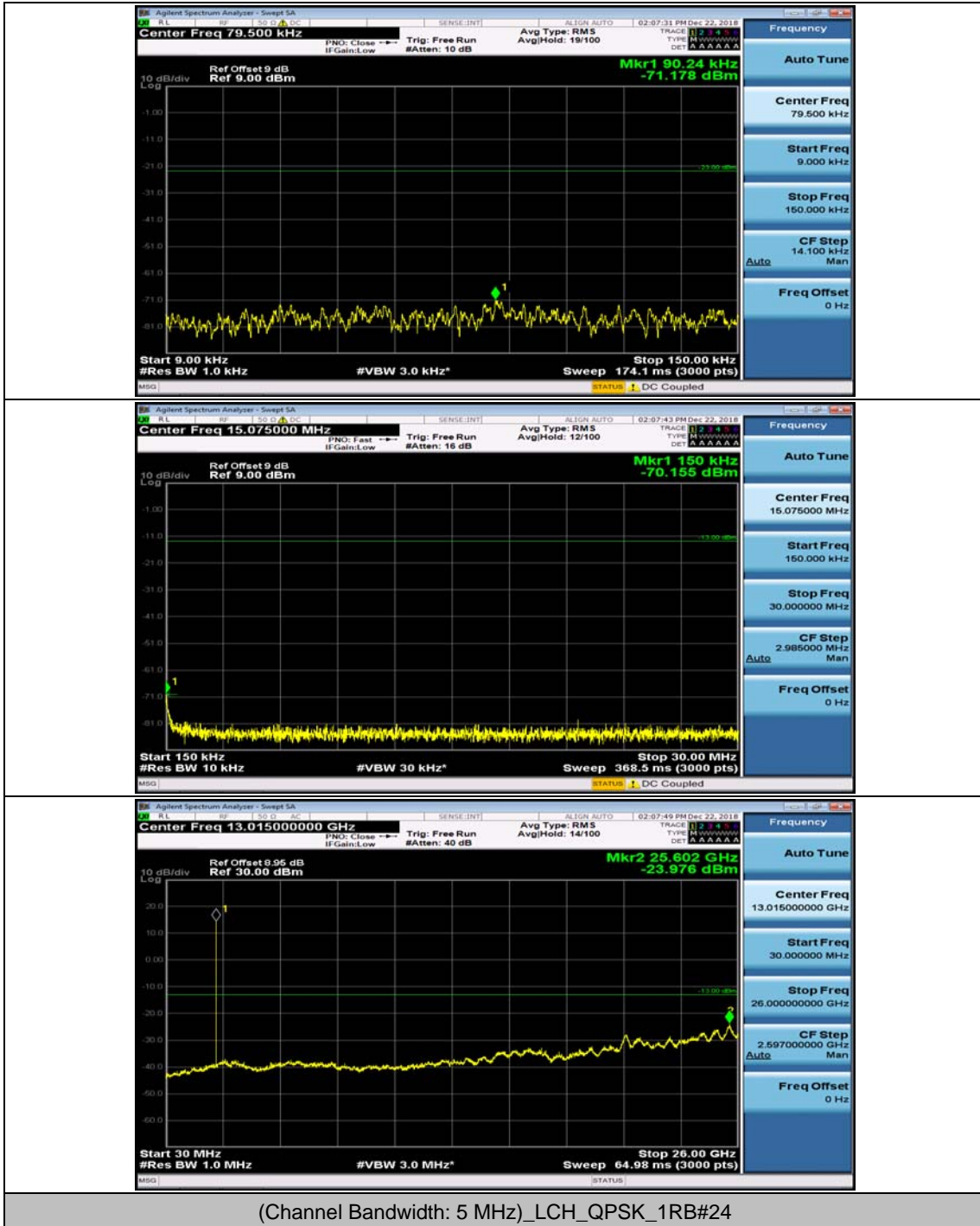


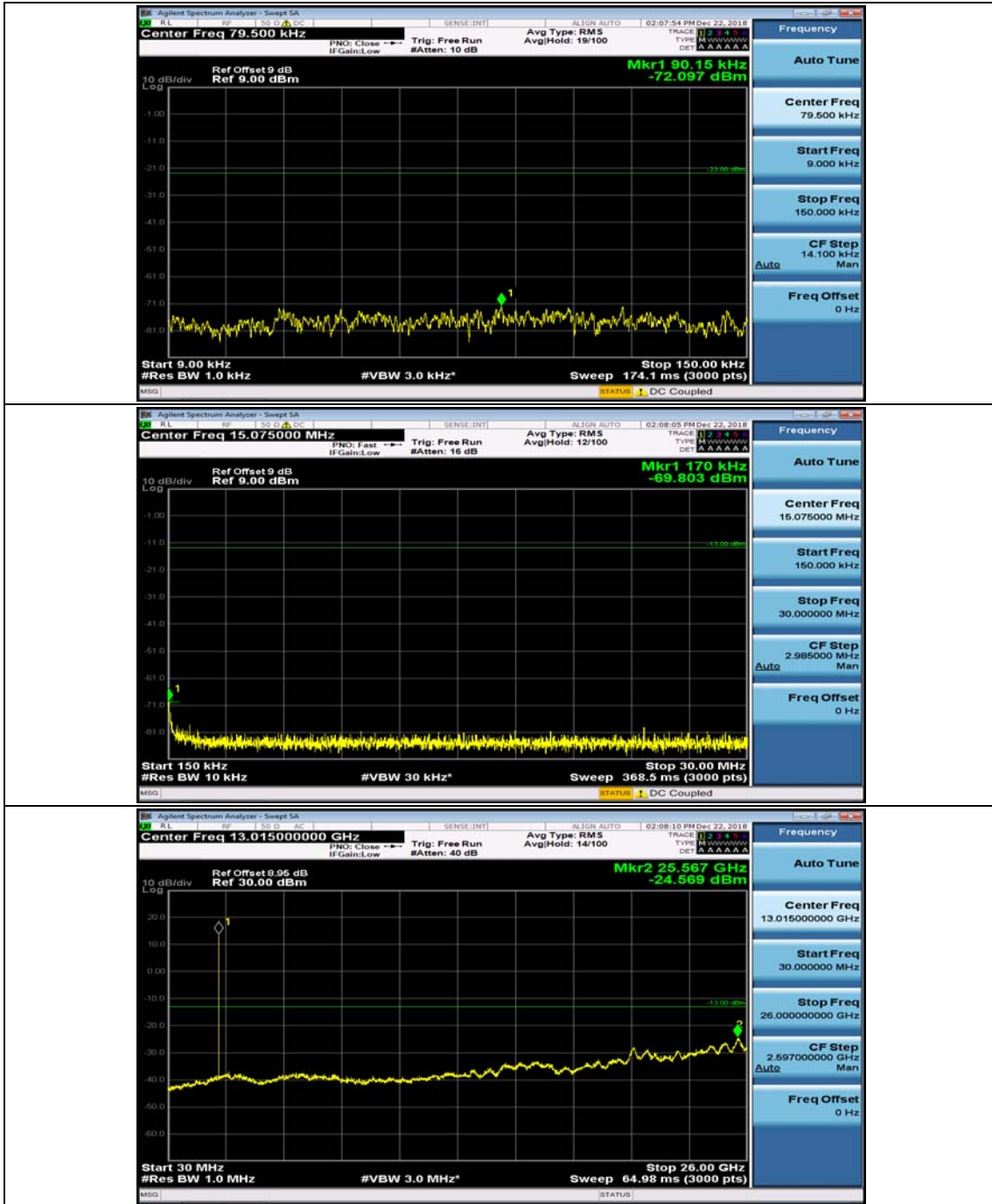
# Appendix E: Conducted Spurious Emission

## Test Graphs

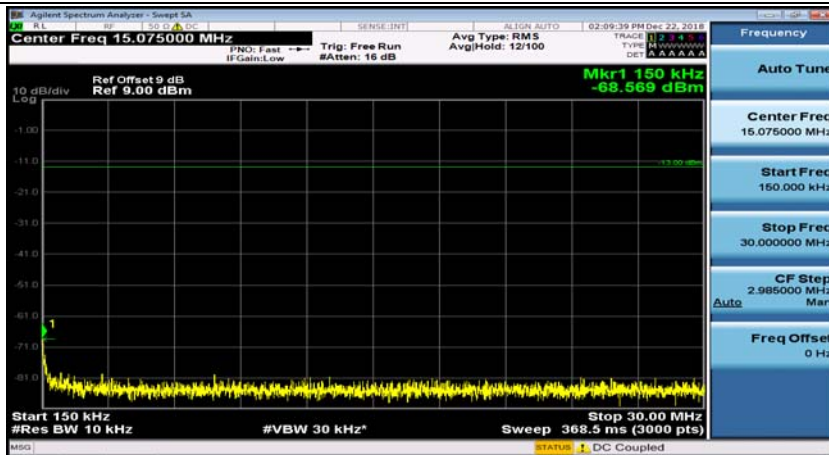
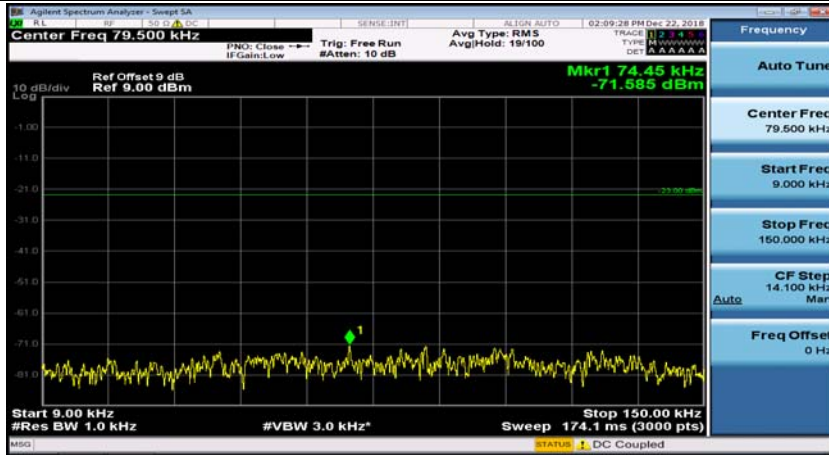
Channel Bandwidth: 5 MHz



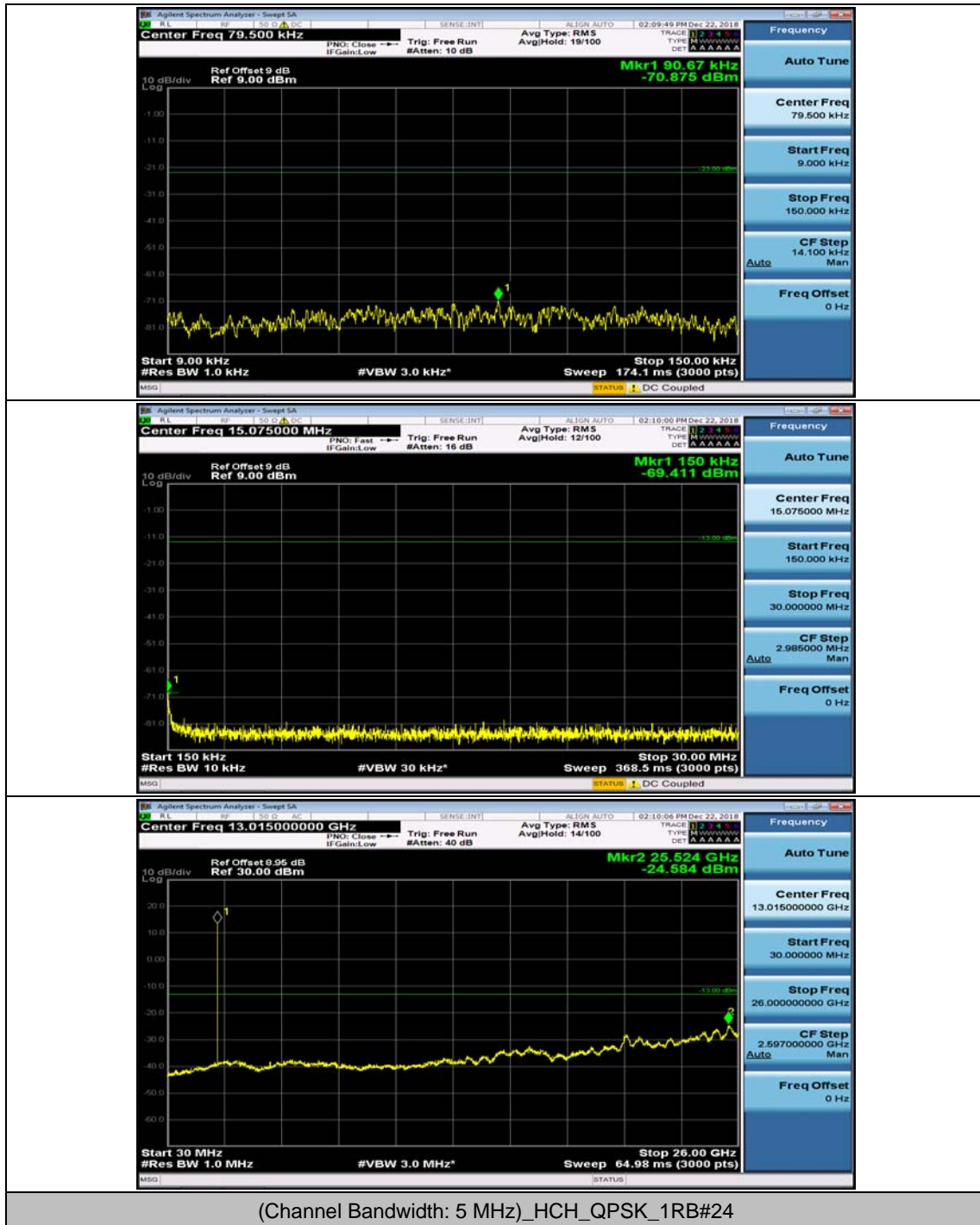


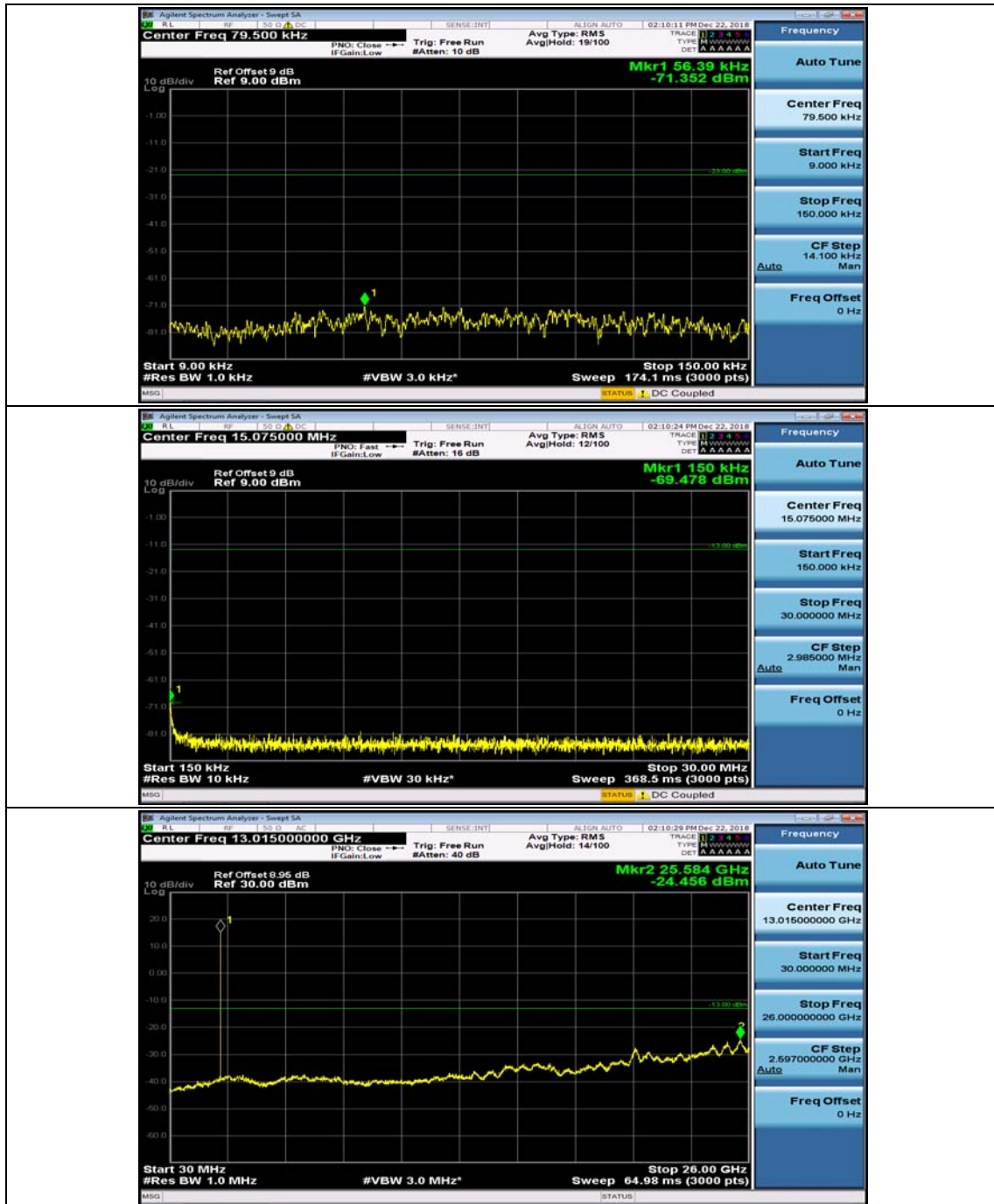


(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#0



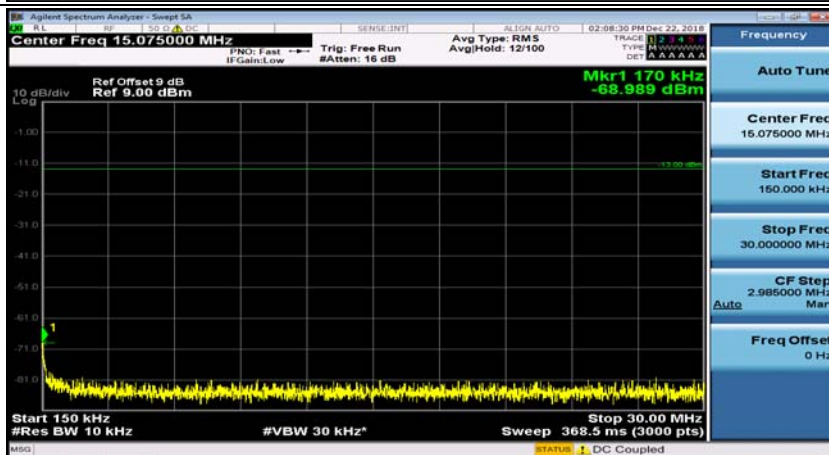
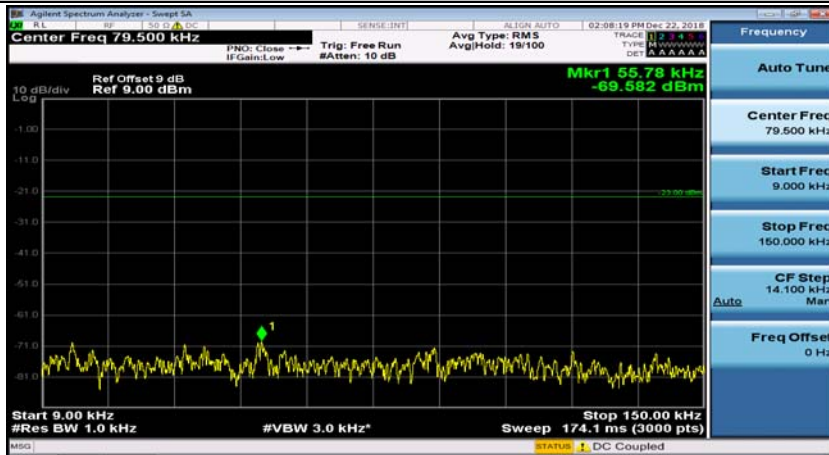
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#12



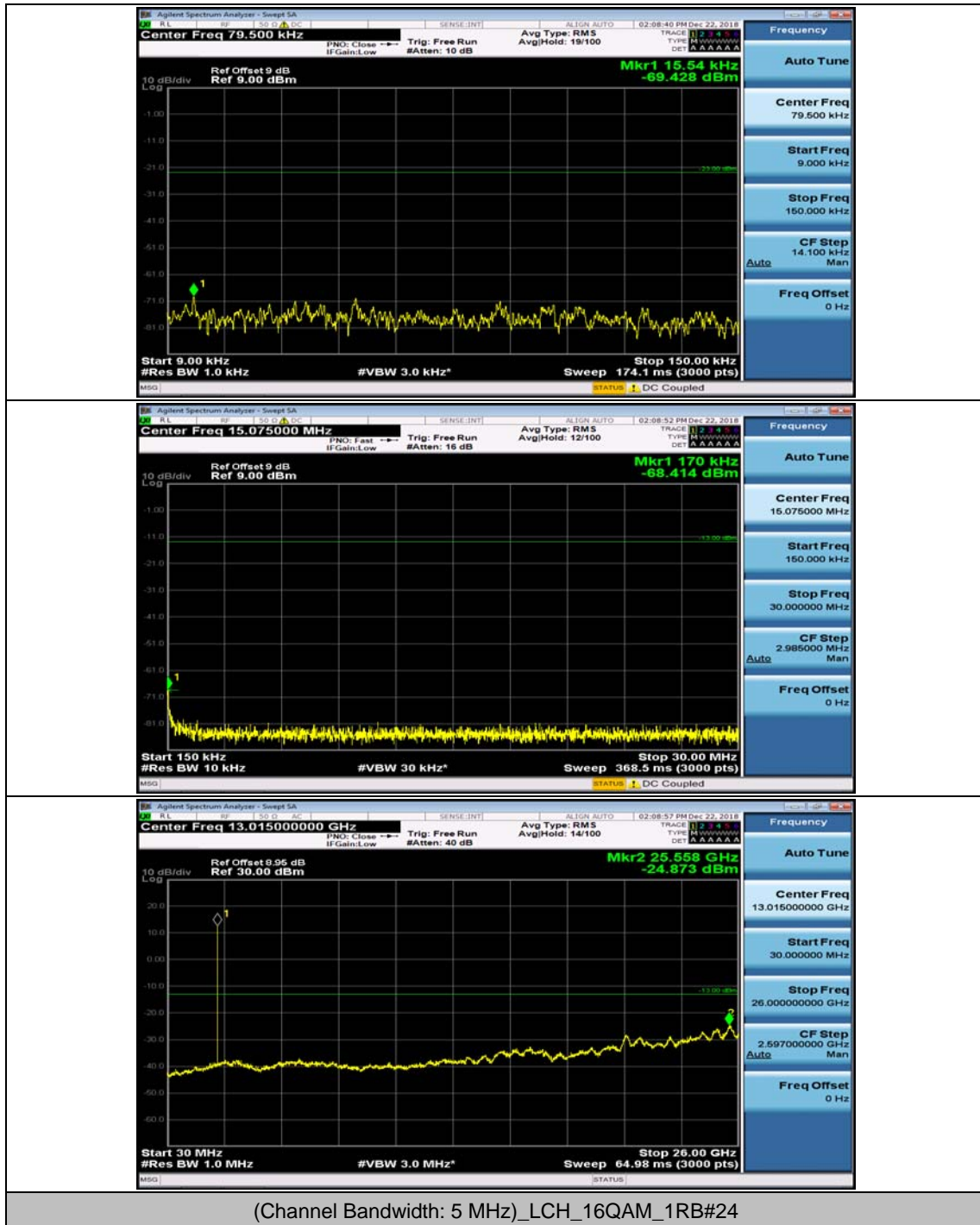


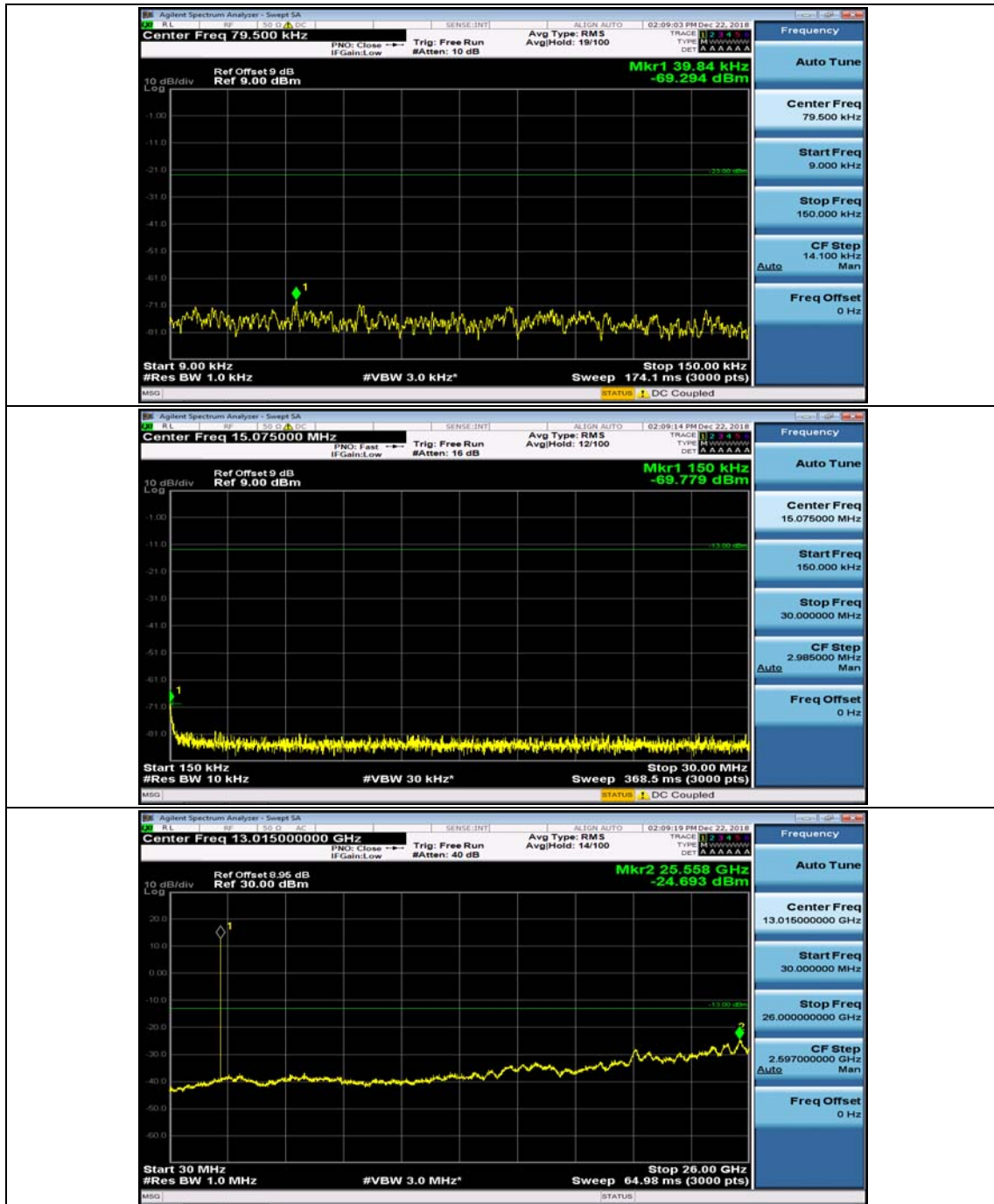


(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#0

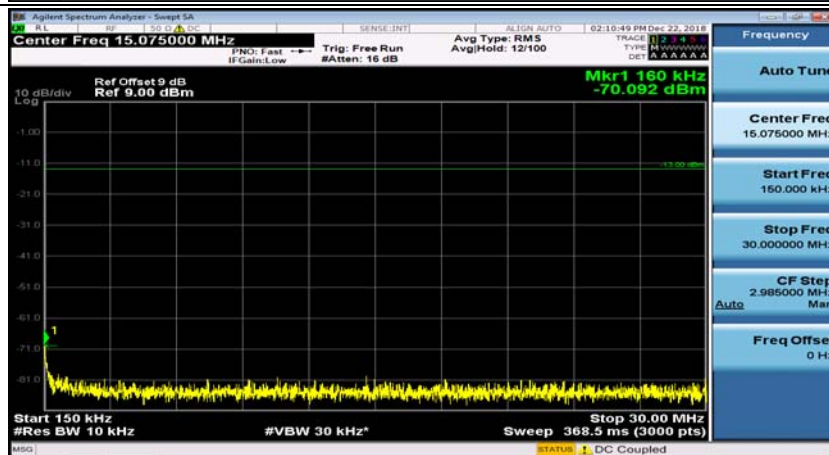
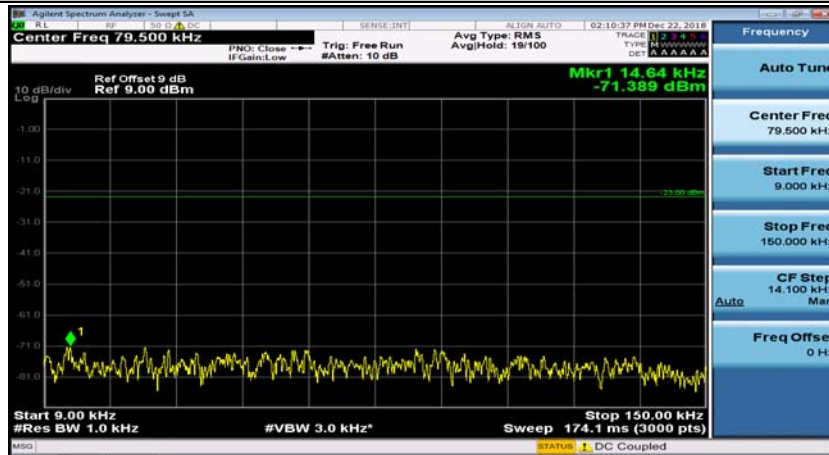


(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#12

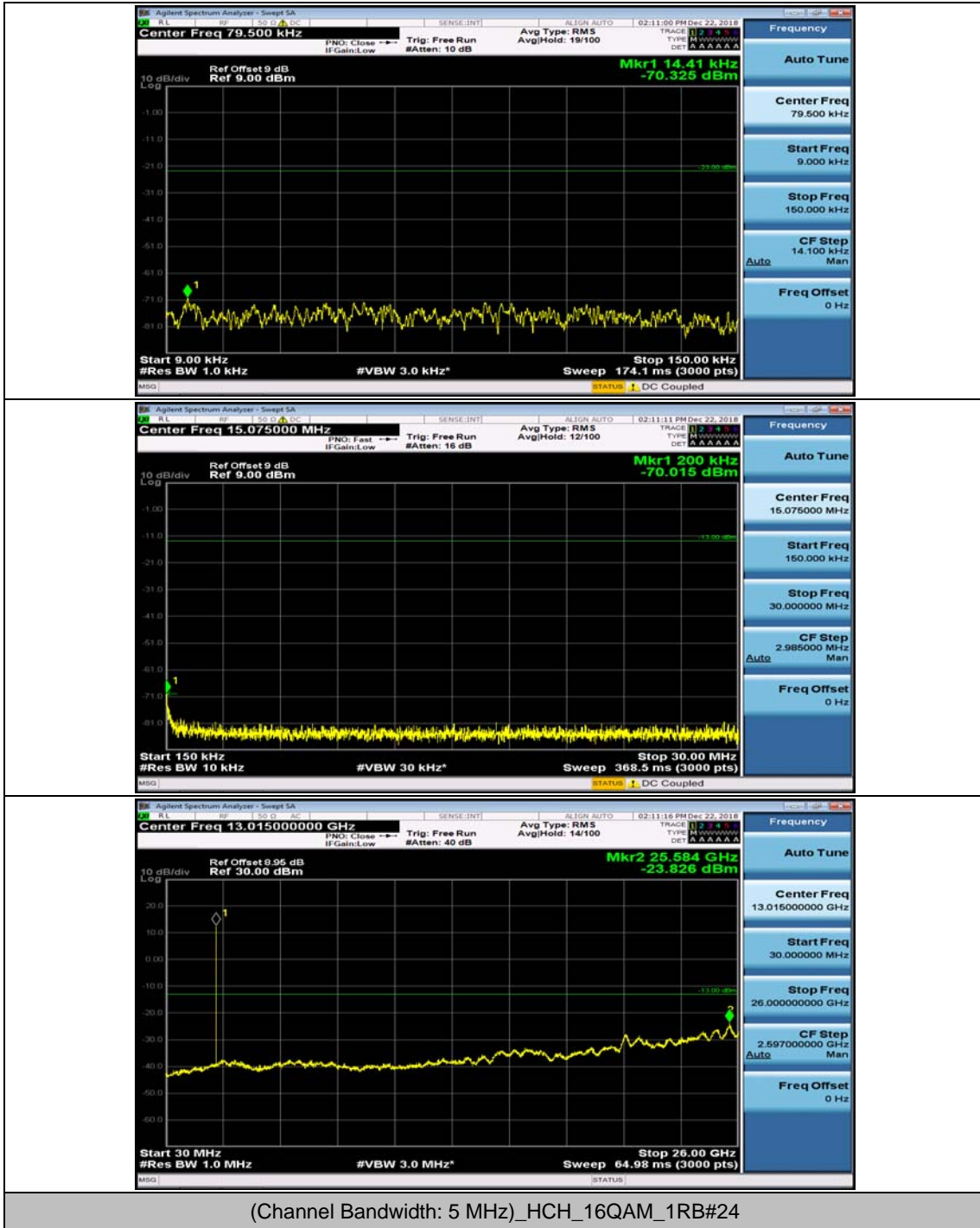


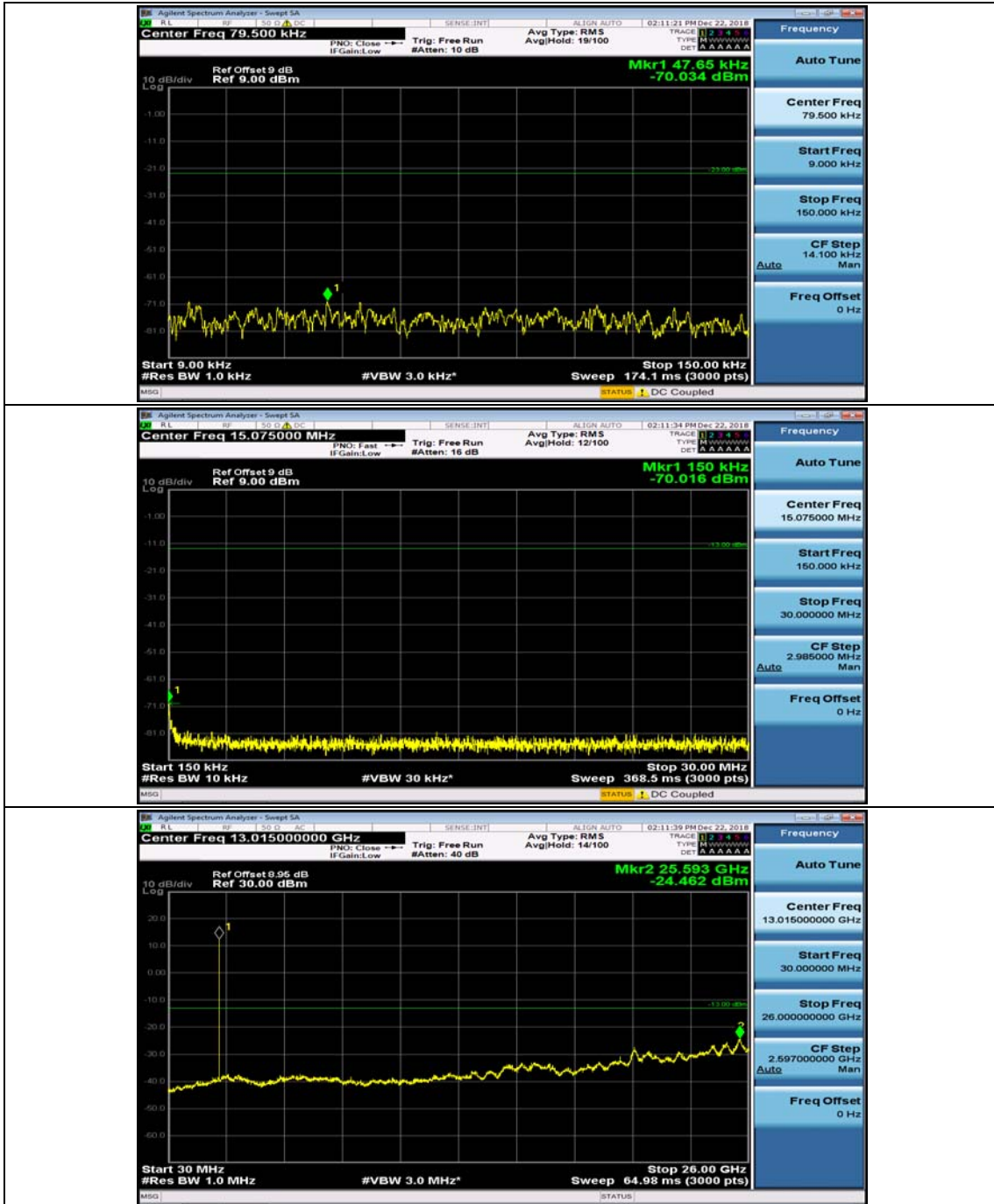


(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#0

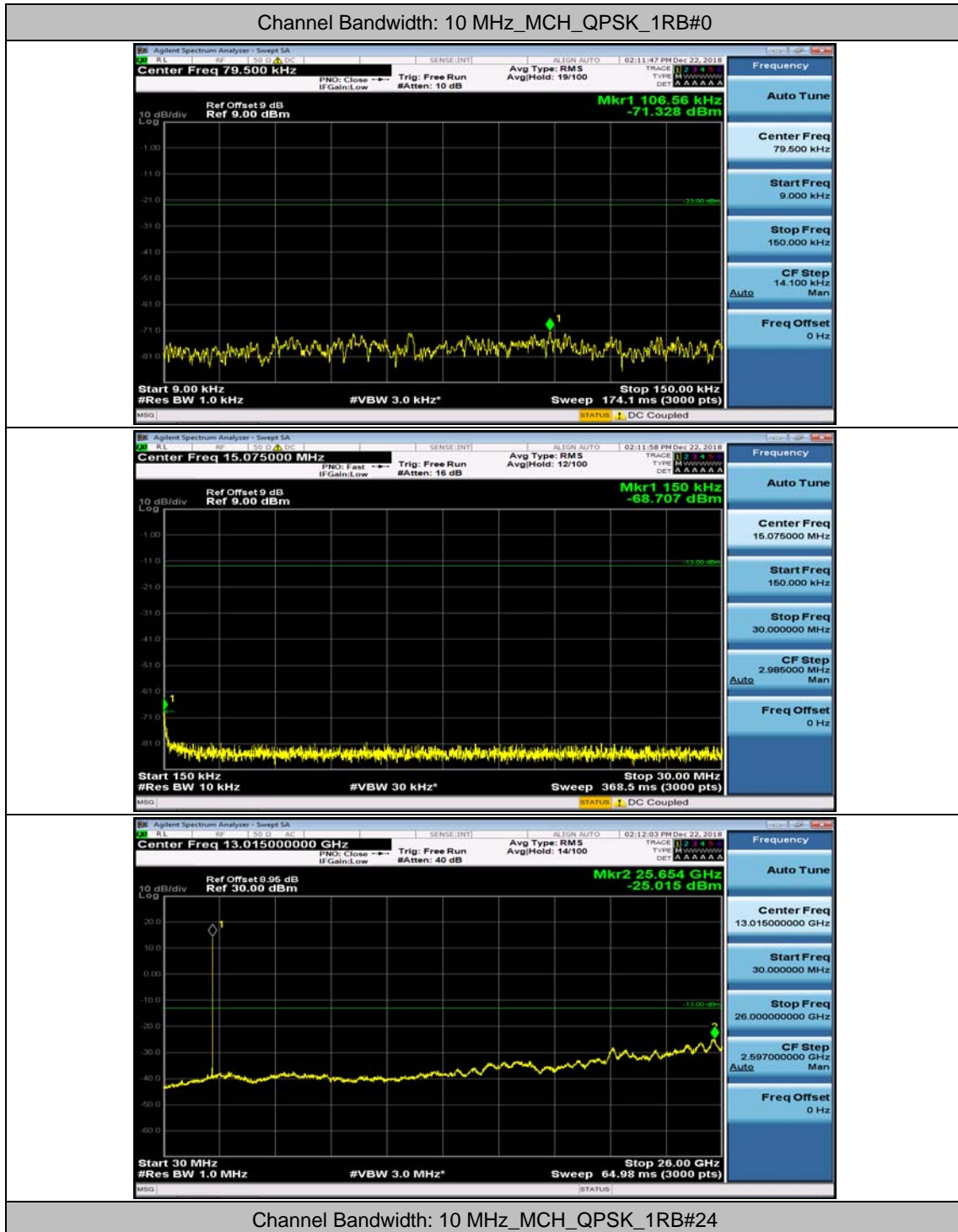


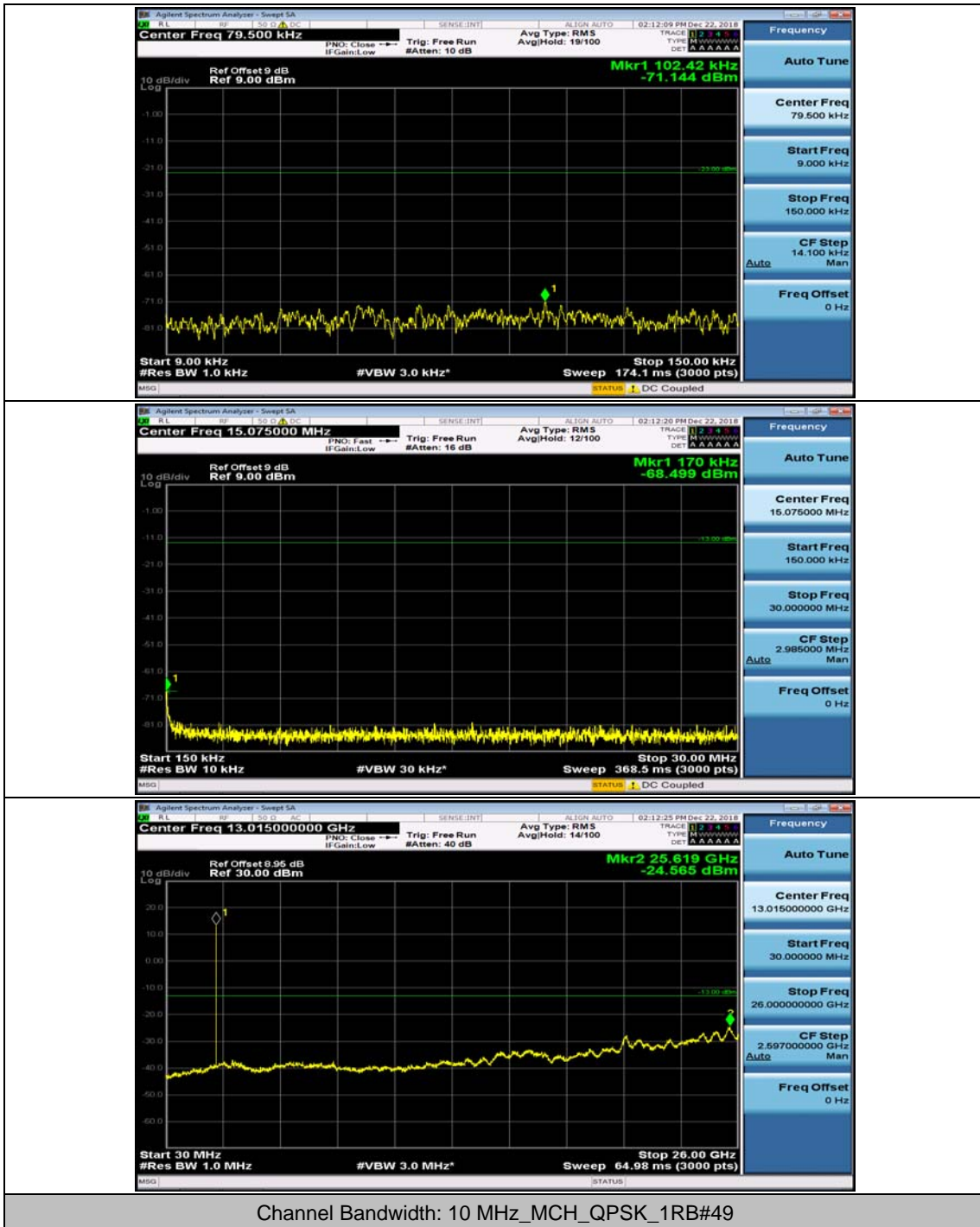
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#12



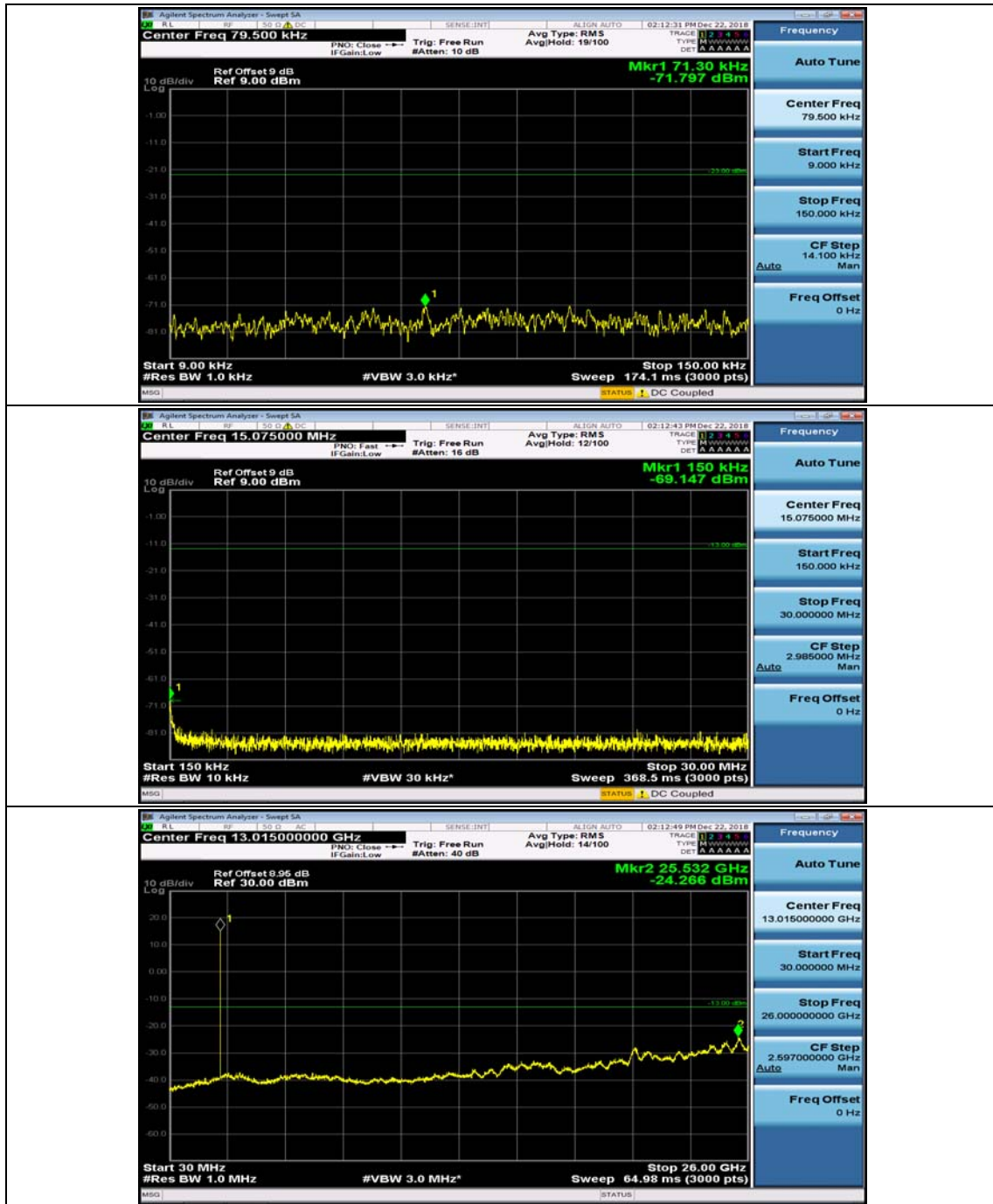


### Channel Bandwidth: 10 MHz

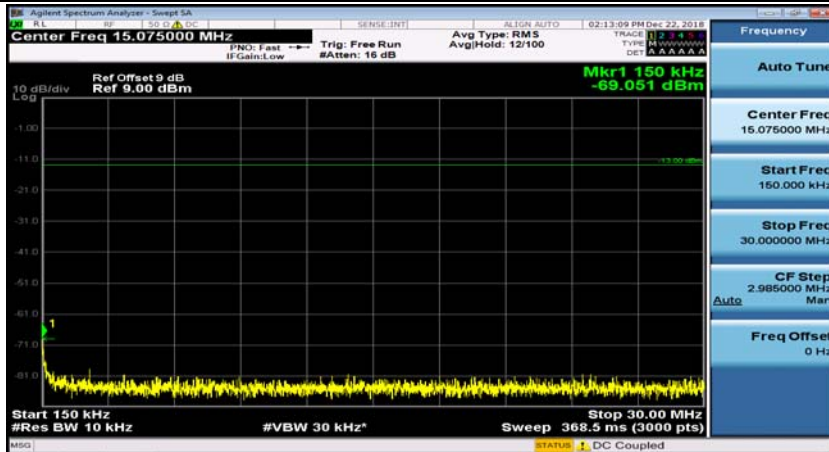
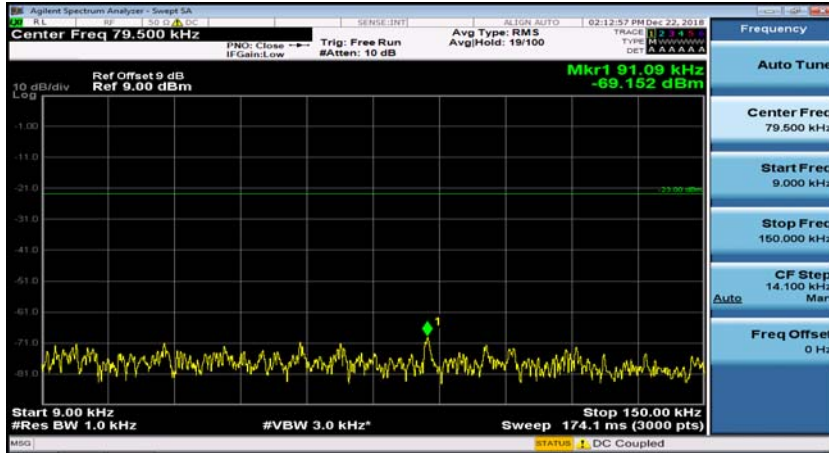




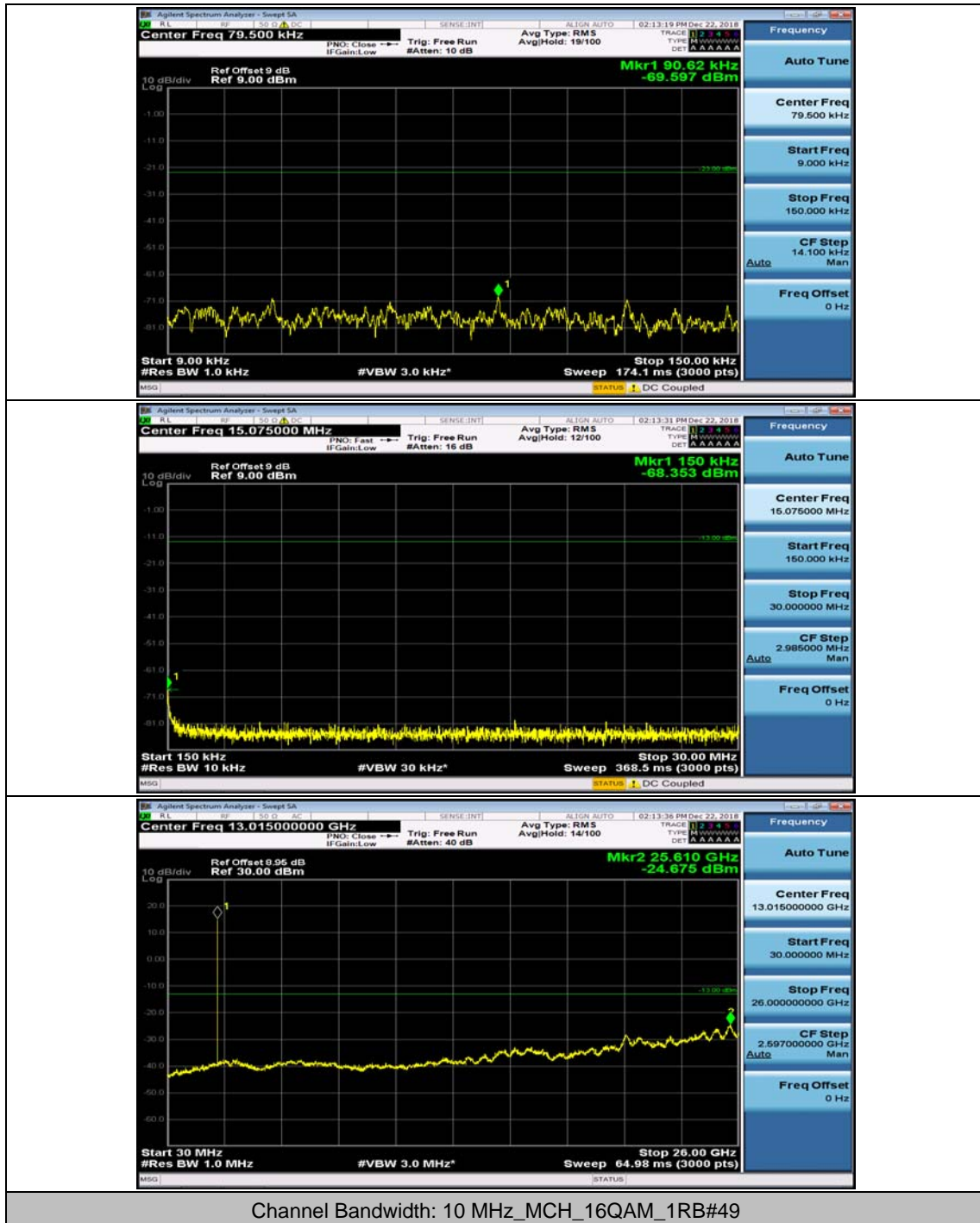


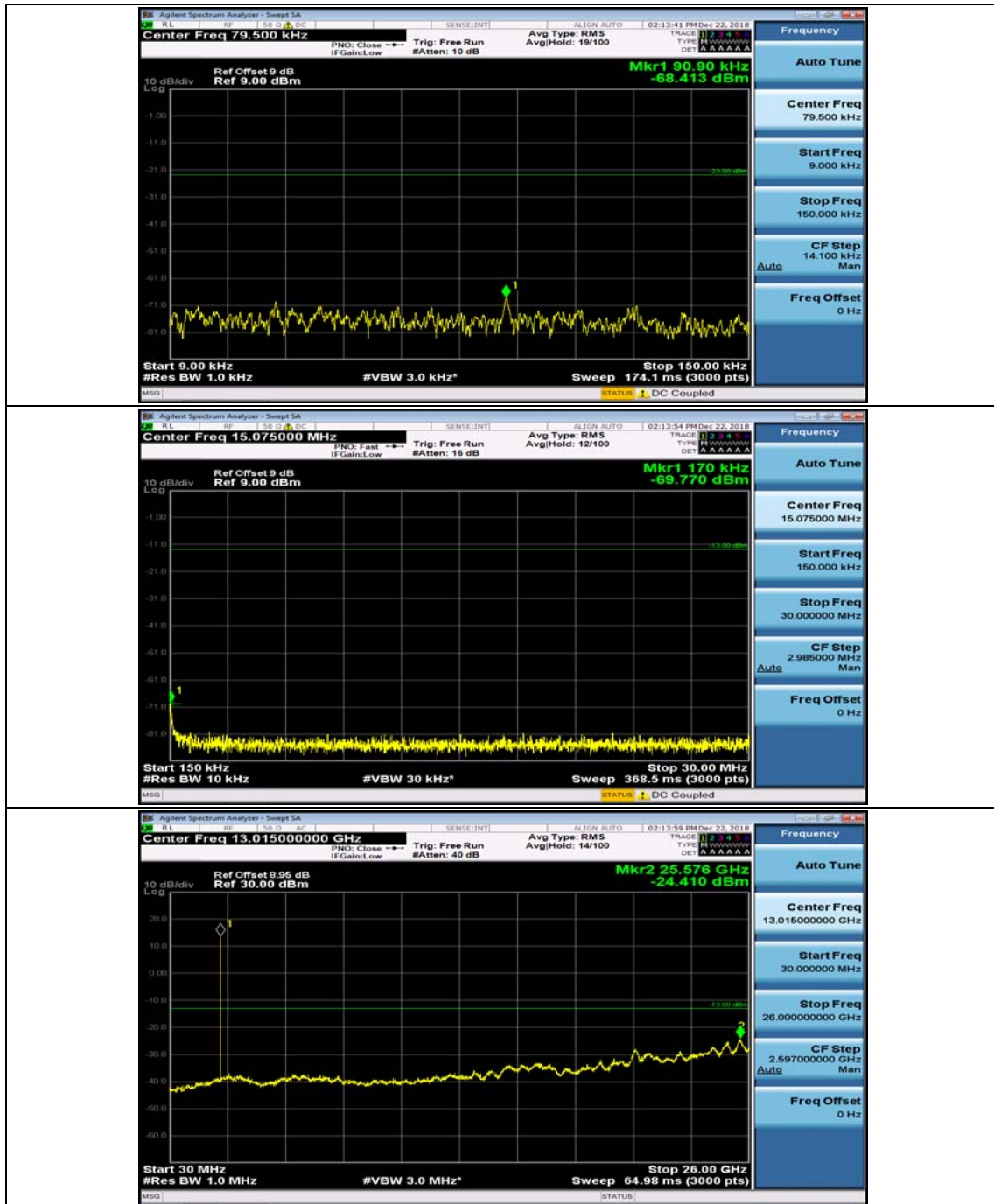


Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#0



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	-0.65	-0.000276	± 2.5	PASS
		VN	TN	4.52	0.001921	± 2.5	PASS
		VH	TN	-0.93	-0.000395	± 2.5	PASS
	HCH	VL	TN	0.75	0.000318	± 2.5	PASS
		VN	TN	-0.99	-0.000420	± 2.5	PASS
		VH	TN	2.79	0.001183	± 2.5	PASS
16QAM	LCH	VL	TN	0.1	0.000043	± 2.5	PASS
		VN	TN	3.44	0.001462	± 2.5	PASS
		VH	TN	-1.02	-0.000434	± 2.5	PASS
	HCH	VL	TN	4.43	0.001879	± 2.5	PASS
		VN	TN	1.36	0.000577	± 2.5	PASS
		VH	TN	3.82	0.001620	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	0.000136	0.000136	± 2.5	PASS
		VN	-20	0.001955	0.001955	± 2.5	PASS
		VN	-10	-0.000183	-0.000183	± 2.5	PASS
		VN	0	0.000302	0.000302	± 2.5	PASS
		VN	10	-0.000026	-0.000026	± 2.5	PASS
		VN	20	-0.000646	-0.000646	± 2.5	PASS
		VN	30	0.000514	0.000514	± 2.5	PASS
		VN	40	0.001348	0.001348	± 2.5	PASS
	HCH	VN	50	0.000123	0.000123	± 2.5	PASS
		VN	-30	-0.000734	-0.000734	± 2.5	PASS
		VN	-20	0.000420	0.000420	± 2.5	PASS
		VN	-10	0.000840	0.000840	± 2.5	PASS
		VN	0	0.000679	0.000679	± 2.5	PASS
		VN	10	0.000776	0.000776	± 2.5	PASS
		VN	20	-0.000462	-0.000462	± 2.5	PASS
		VN	30	0.000212	0.000212	± 2.5	PASS

		VN	40	0.001892	0.001892	± 2.5	PASS
		VN	50	-0.000280	-0.000280	± 2.5	PASS
16QAM	LCH	VN	-30	0.001781	0.001781	± 2.5	PASS
		VN	-20	0.001858	0.001858	± 2.5	PASS
		VN	-10	-0.000493	-0.000493	± 2.5	PASS
		VN	0	0.001097	0.001097	± 2.5	PASS
		VN	10	0.001492	0.001492	± 2.5	PASS
		VN	20	-0.000591	-0.000591	± 2.5	PASS
		VN	30	0.001318	0.001318	± 2.5	PASS
		VN	40	0.001535	0.001535	± 2.5	PASS
		VN	50	0.000676	0.000676	± 2.5	PASS
		HCH	VN	-30	0.001994	0.001994	± 2.5
	VN		-20	0.000276	0.000276	± 2.5	PASS
	VN		-10	0.000165	0.000165	± 2.5	PASS
	VN		0	0.000182	0.000182	± 2.5	PASS
	VN		10	0.001909	0.001909	± 2.5	PASS
	VN		20	0.001031	0.001031	± 2.5	PASS
	VN		30	0.001183	0.001183	± 2.5	PASS
	VN		40	0.000344	0.000344	± 2.5	PASS
			VN	50	0.001391	0.001391	± 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	4.77	0.002065	± 2.5	PASS
		VN	TN	-0.22	-0.000095	± 2.5	PASS
		VH	TN	1.47	0.000636	± 2.5	PASS
16QAM	MCH	VL	TN	-1.47	-0.000636	± 2.5	PASS
		VN	TN	1.53	0.000662	± 2.5	PASS
		VH	TN	-1.93	-0.000835	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
16QAM	MCH	VN	-30	1.8	0.000779	± 2.5	PASS
		VN	-20	2.76	0.001195	± 2.5	PASS
		VN	-10	-0.26	-0.000113	± 2.5	PASS
		VN	0	-1.66	-0.000719	± 2.5	PASS
		VN	10	4.74	0.002052	± 2.5	PASS
		VN	20	-0.67	-0.000290	± 2.5	PASS
		VN	30	-1.7	-0.000736	± 2.5	PASS
		VN	40	1.63	0.000706	± 2.5	PASS
		VN	50	2.52	0.001091	± 2.5	PASS
QPSK	MCH	VN	-30	4.43	0.001918	± 2.5	PASS
		VN	-20	-0.59	-0.000255	± 2.5	PASS
		VN	-10	2.57	0.001113	± 2.5	PASS
		VN	0	3.68	0.001593	± 2.5	PASS
		VN	10	2.26	0.000978	± 2.5	PASS
		VN	20	1.97	0.000853	± 2.5	PASS
		VN	30	2.65	0.001147	± 2.5	PASS
		VN	40	2.39	0.001035	± 2.5	PASS
		VN	50	2.41	0.001043	± 2.5	PASS