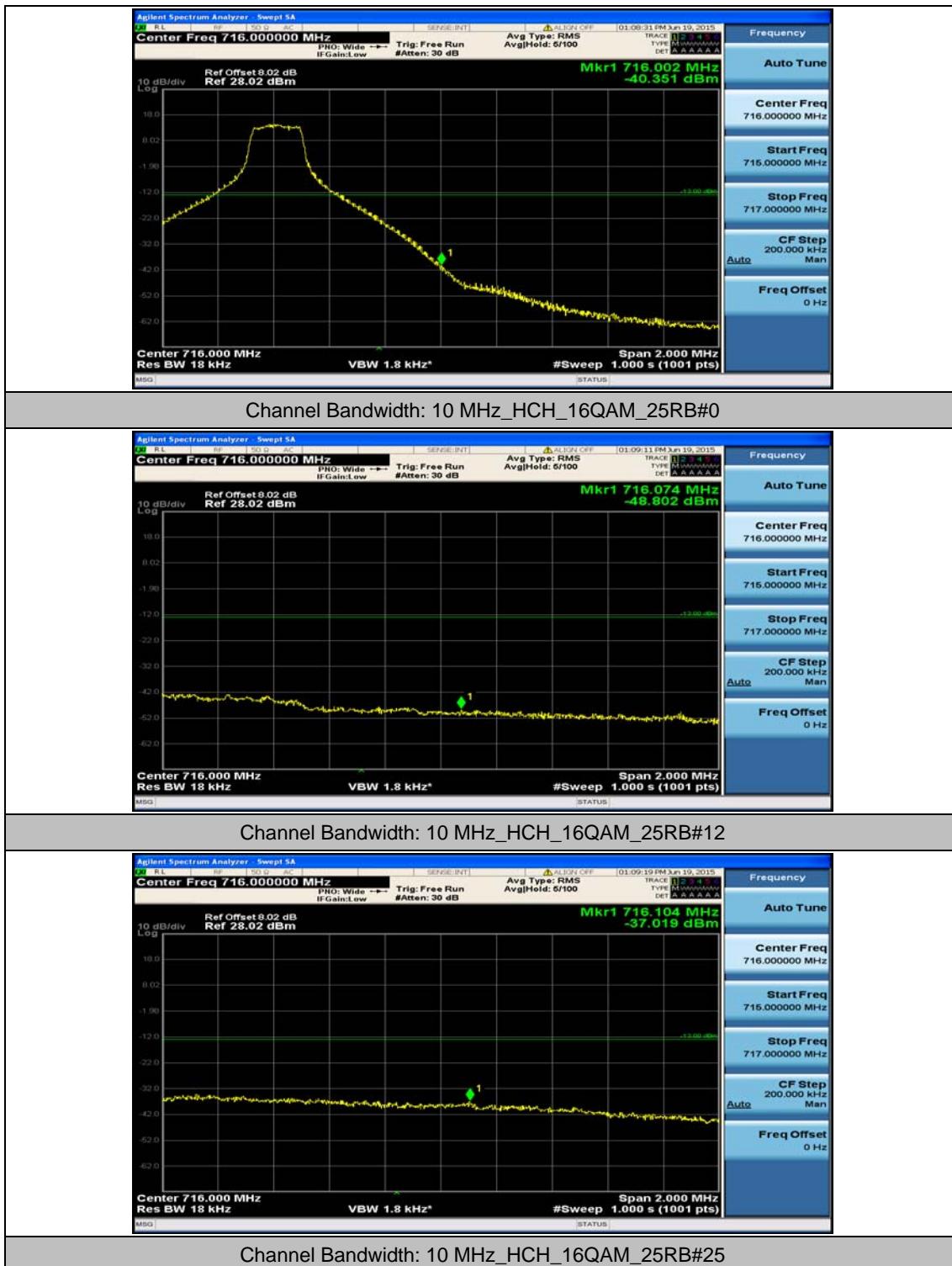
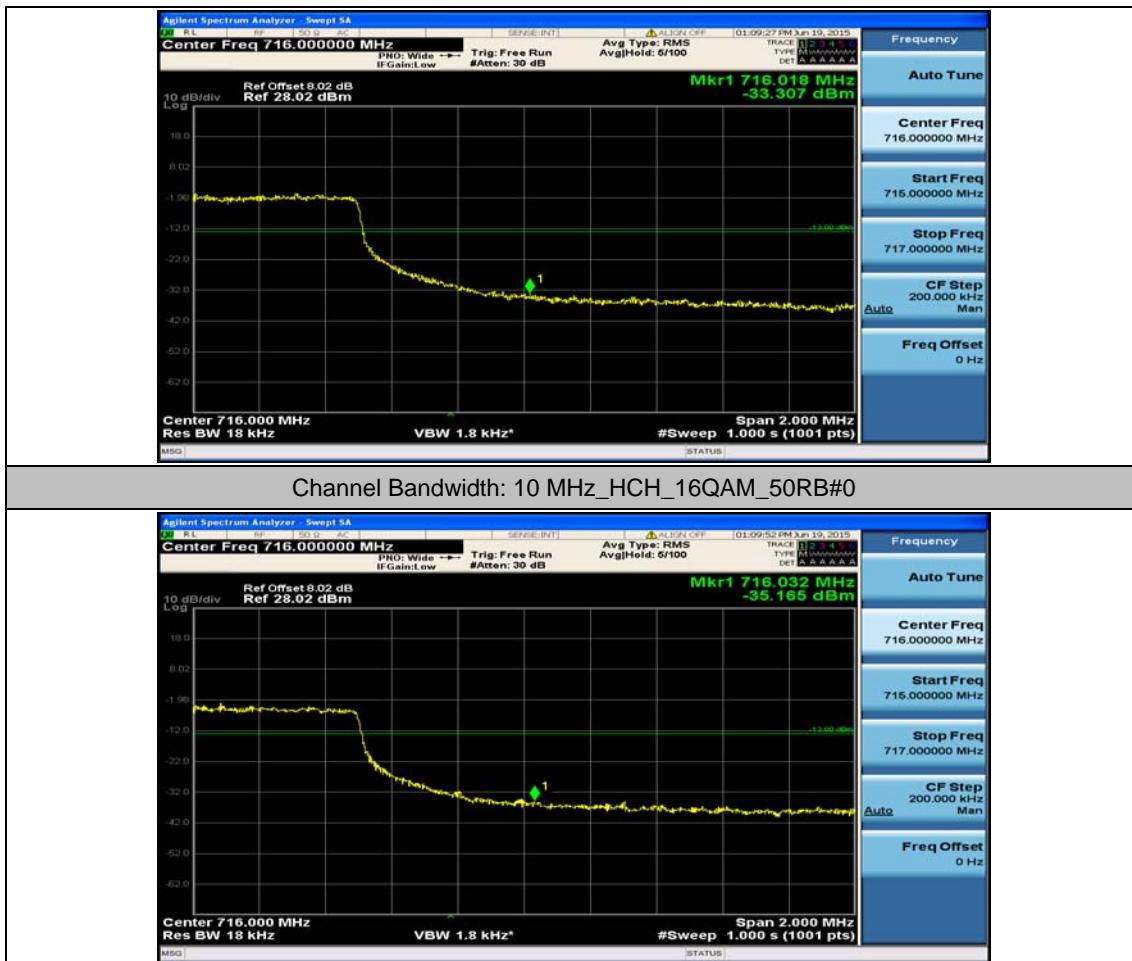


**Channel Bandwidth: 10 MHz\_HCH\_16QAM\_1RB#49**

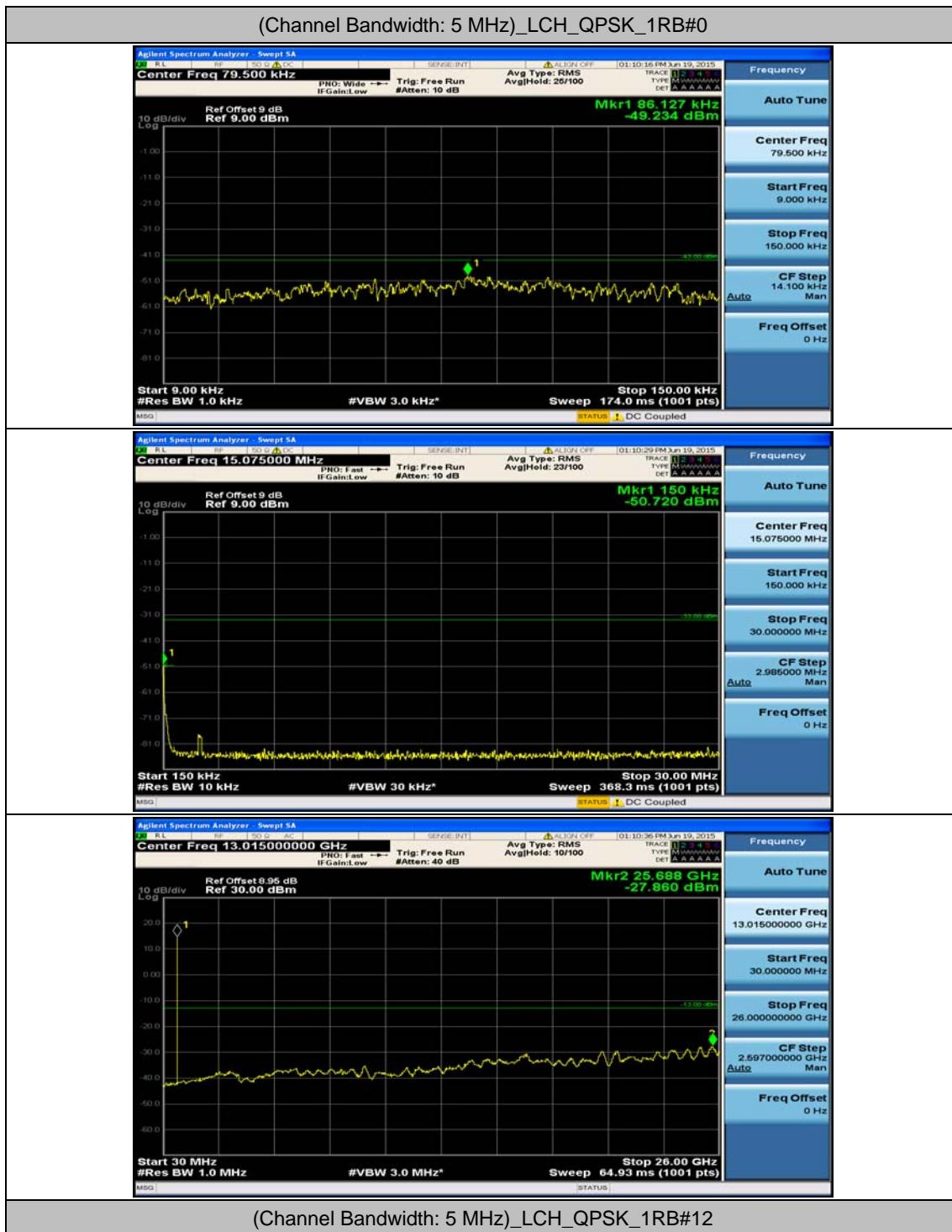


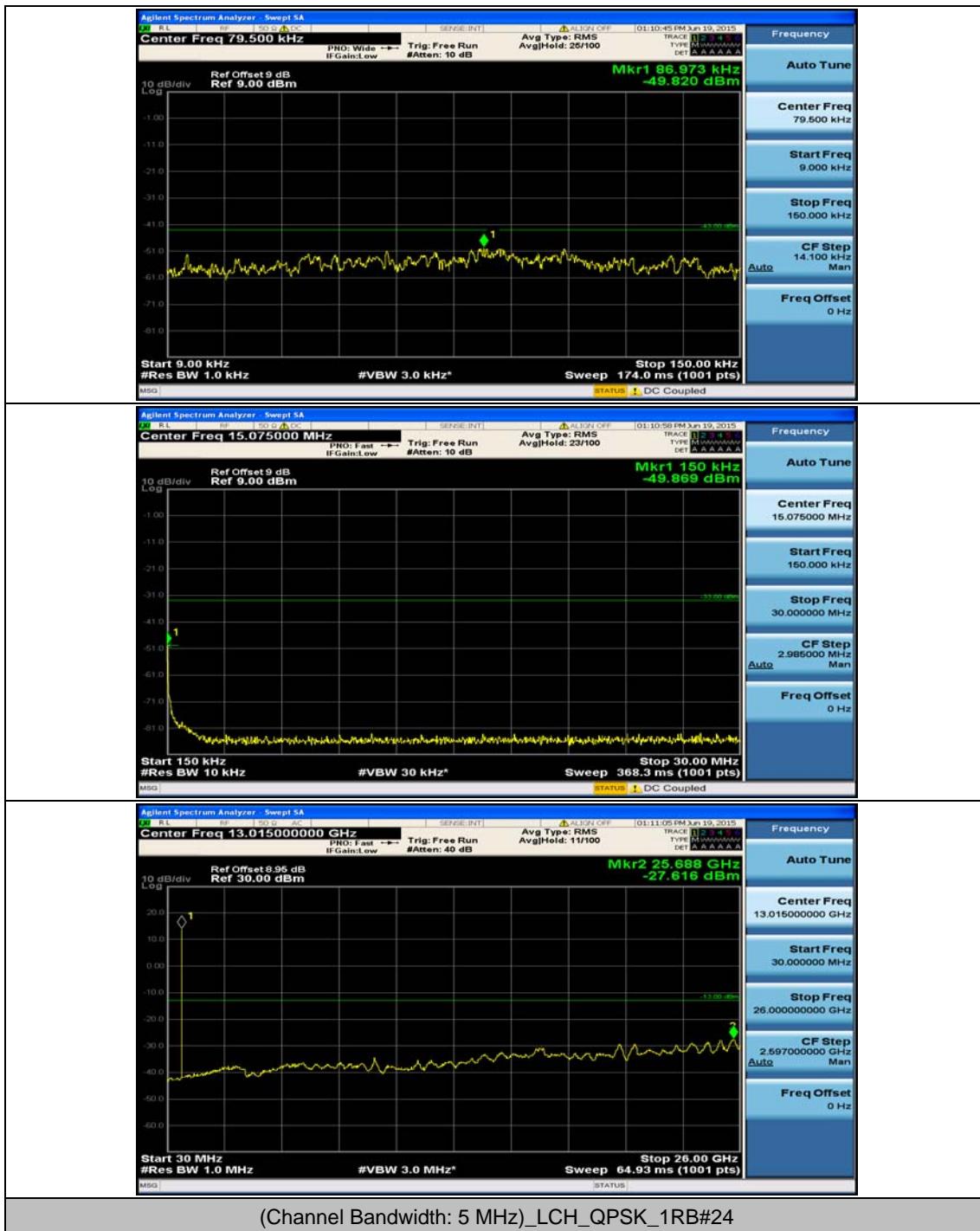


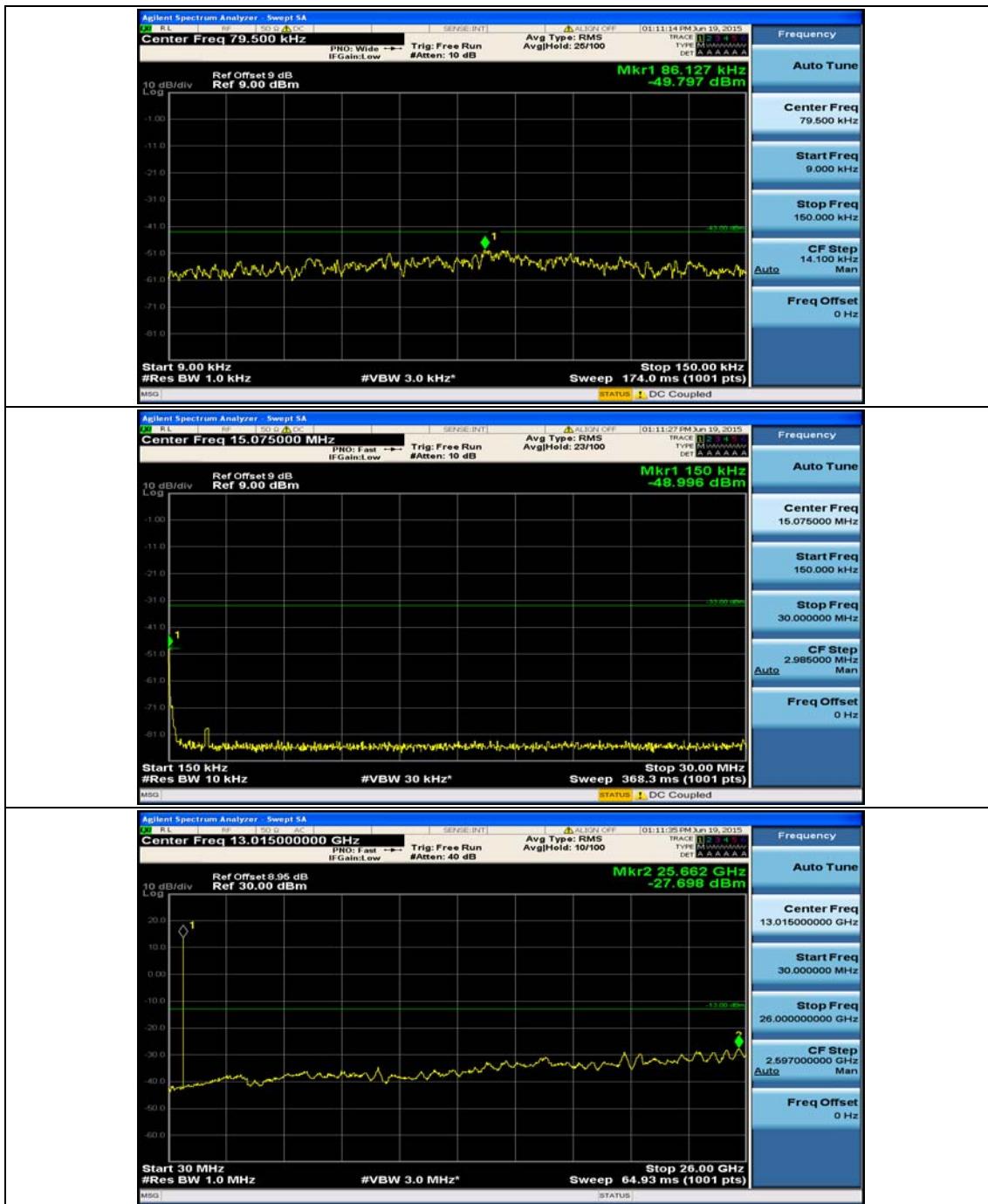
## Appendix E: Conducted Spurious Emission

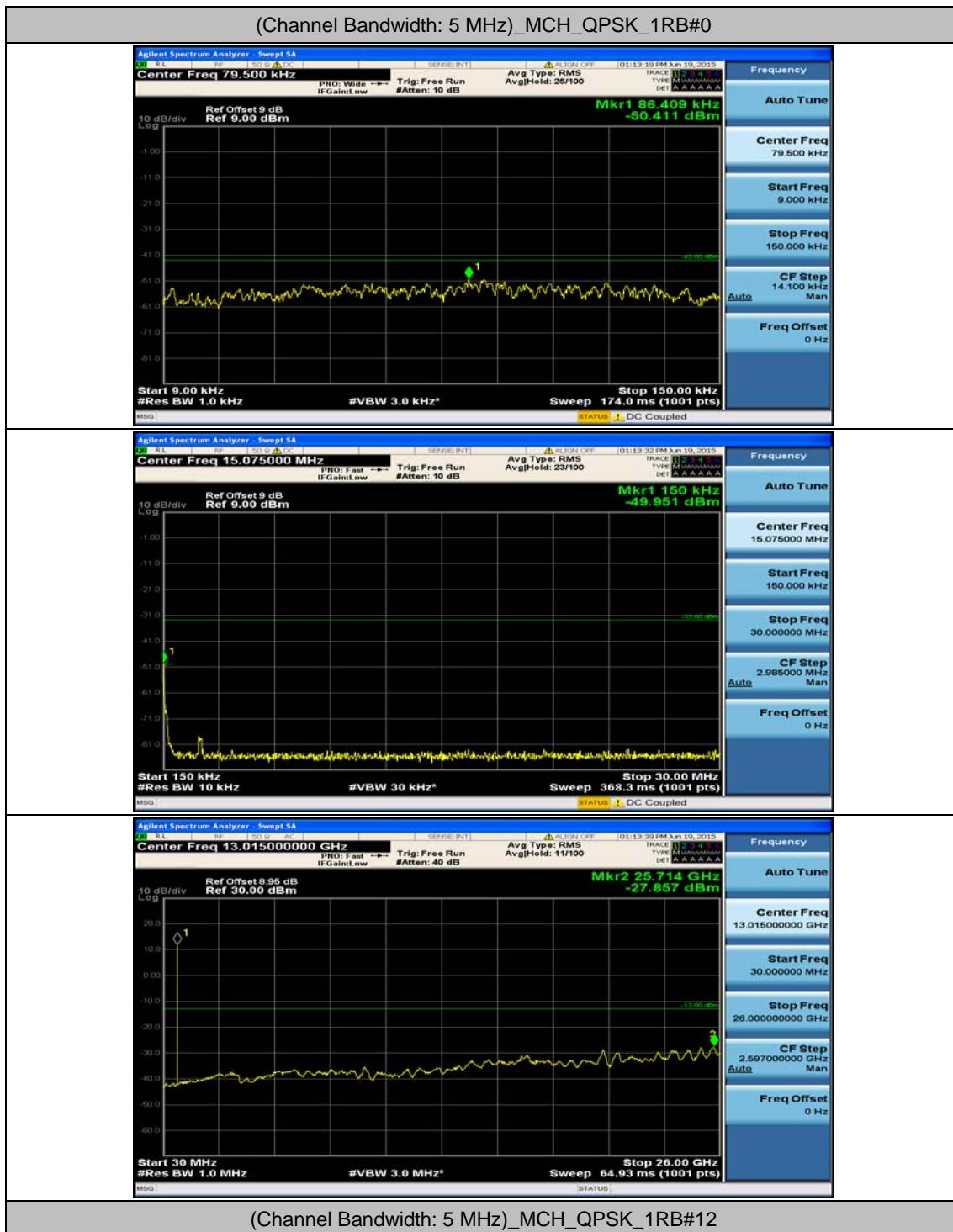
### Test Graphs

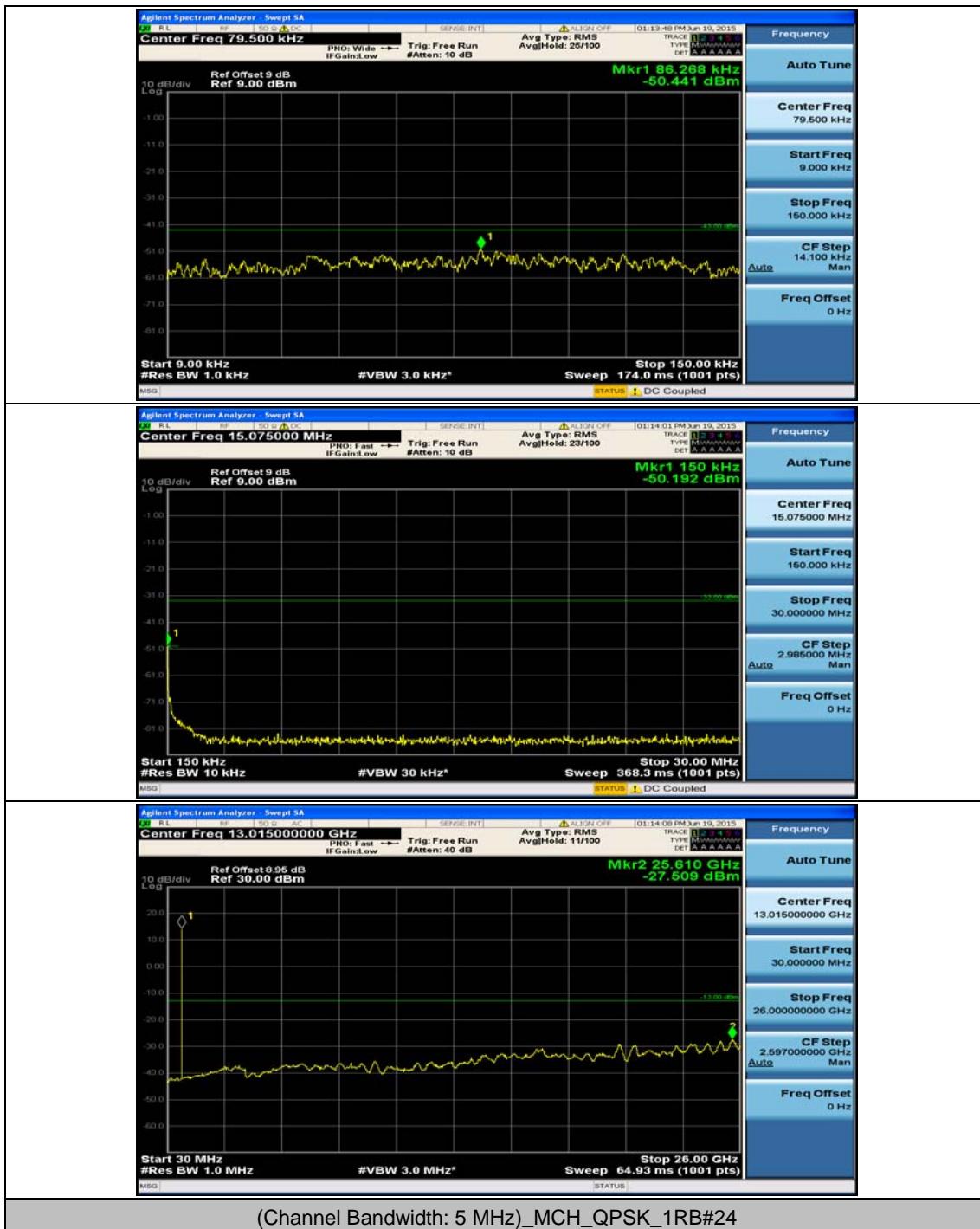
#### Channel Bandwidth: 5 MHz

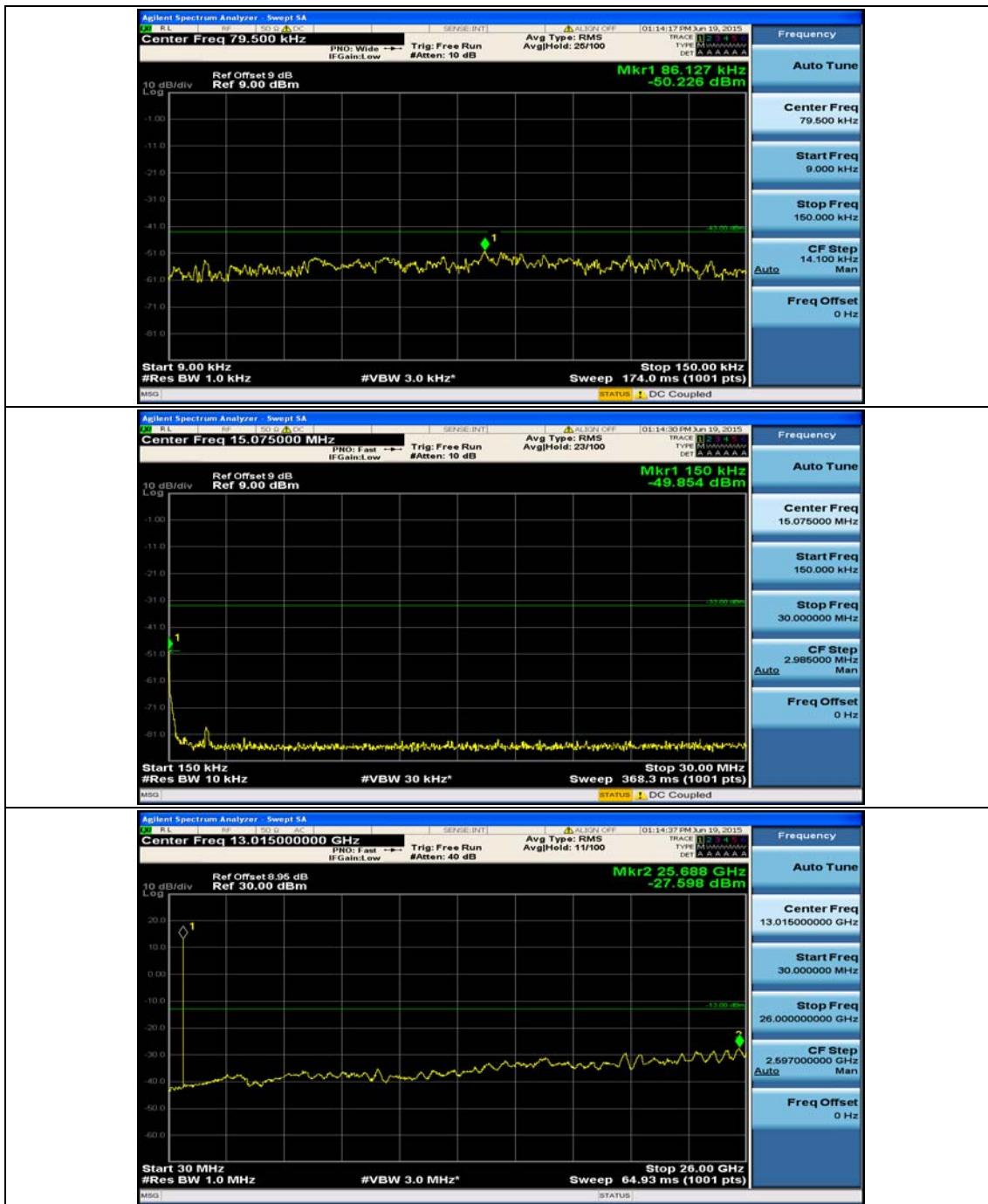


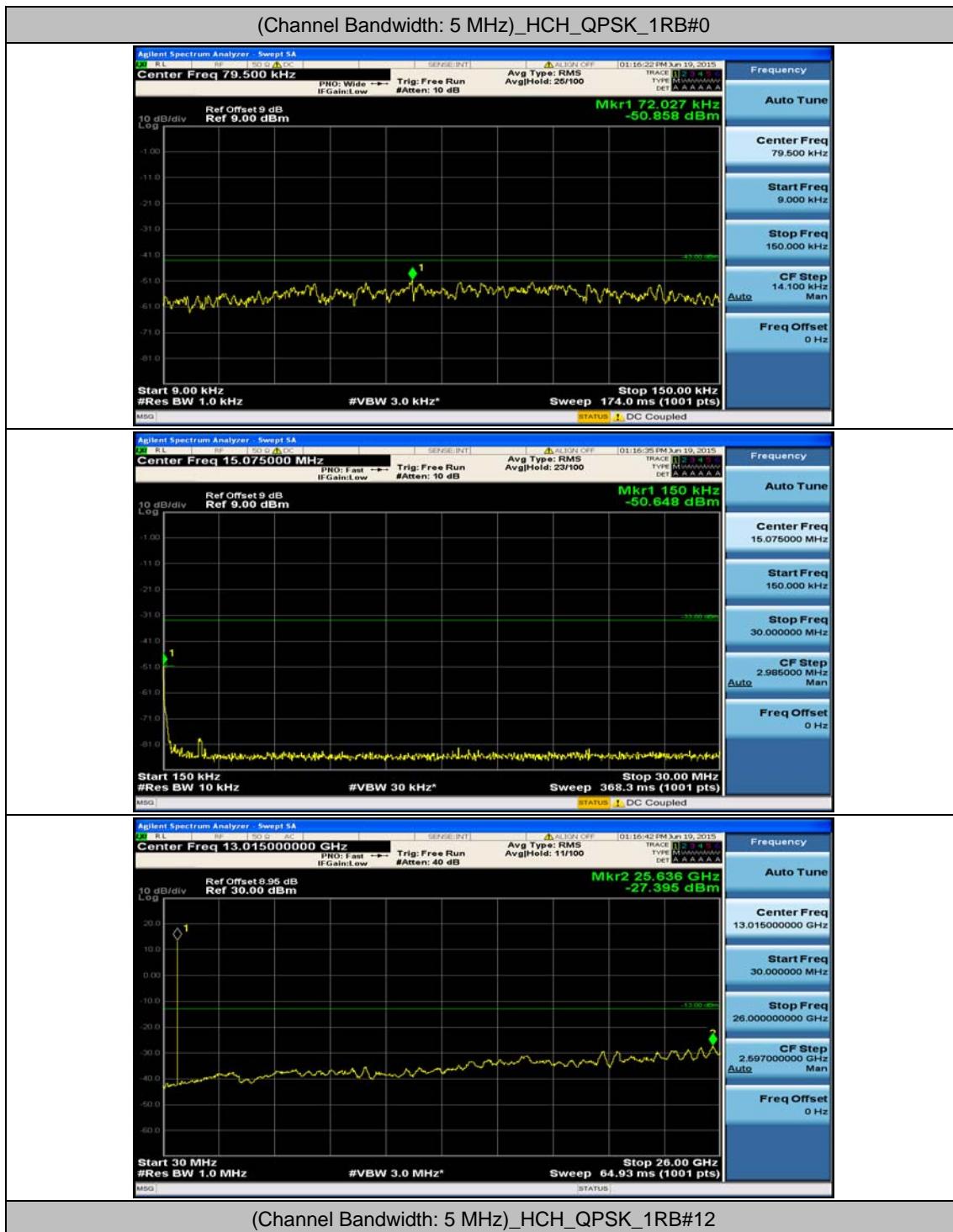


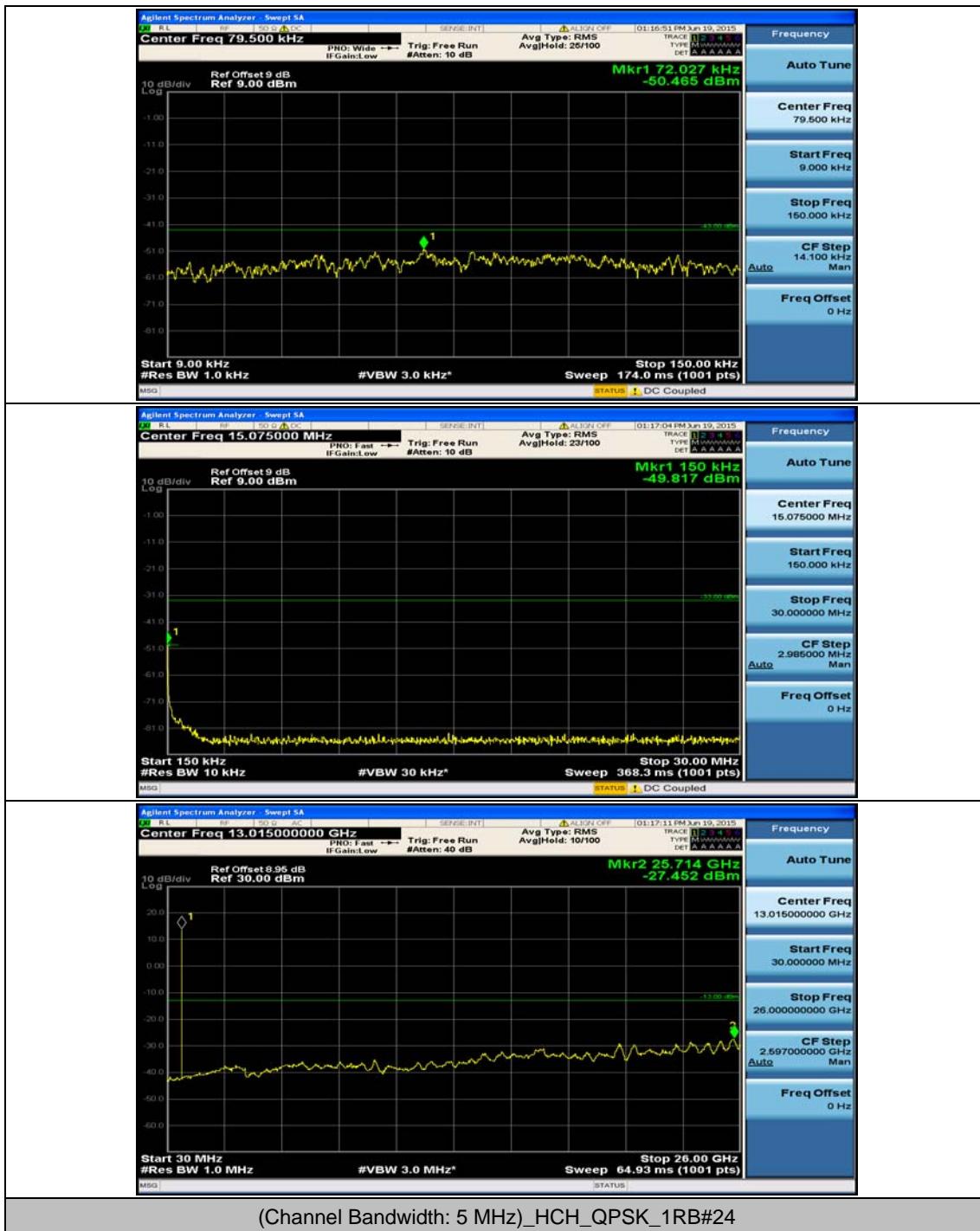




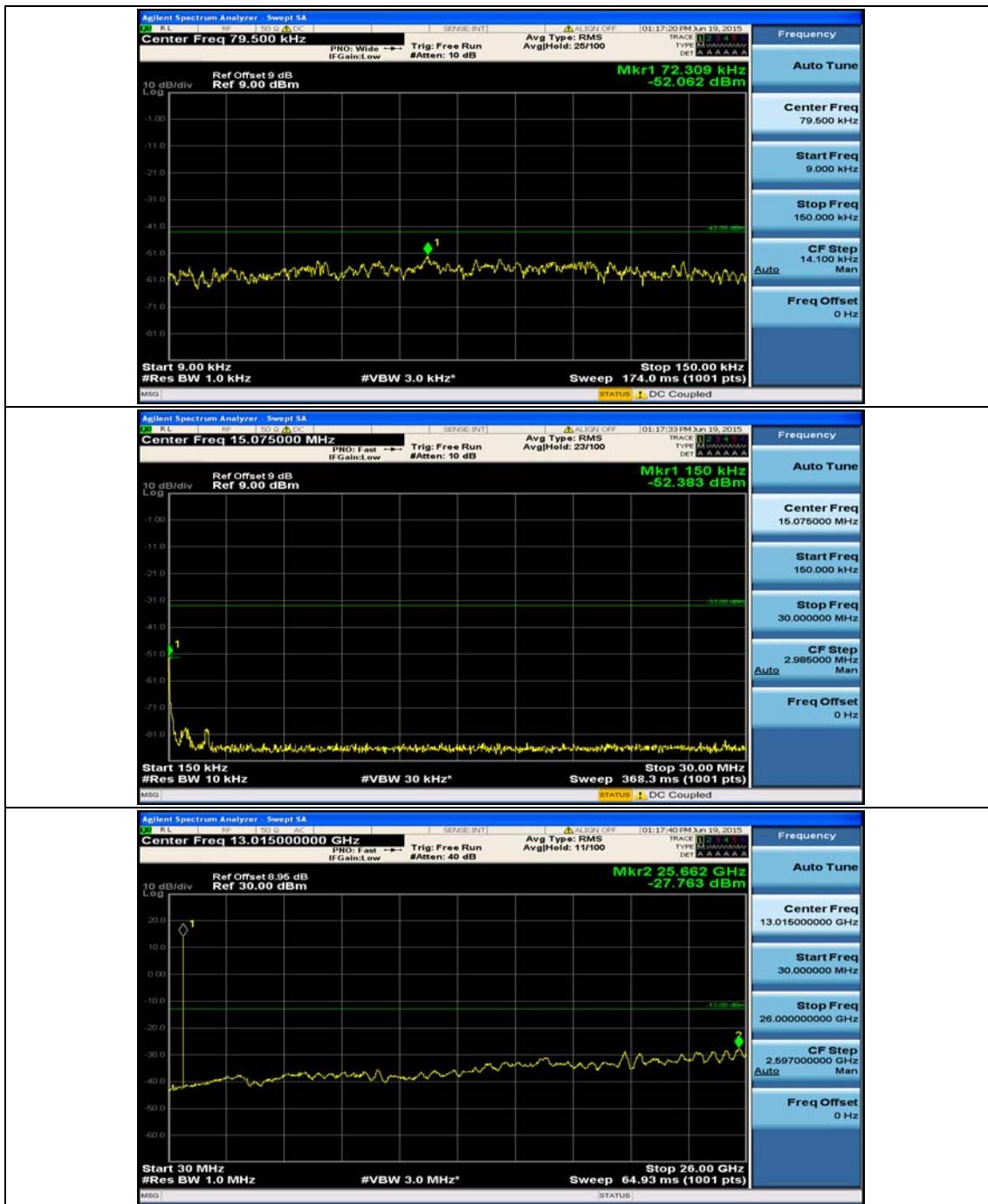


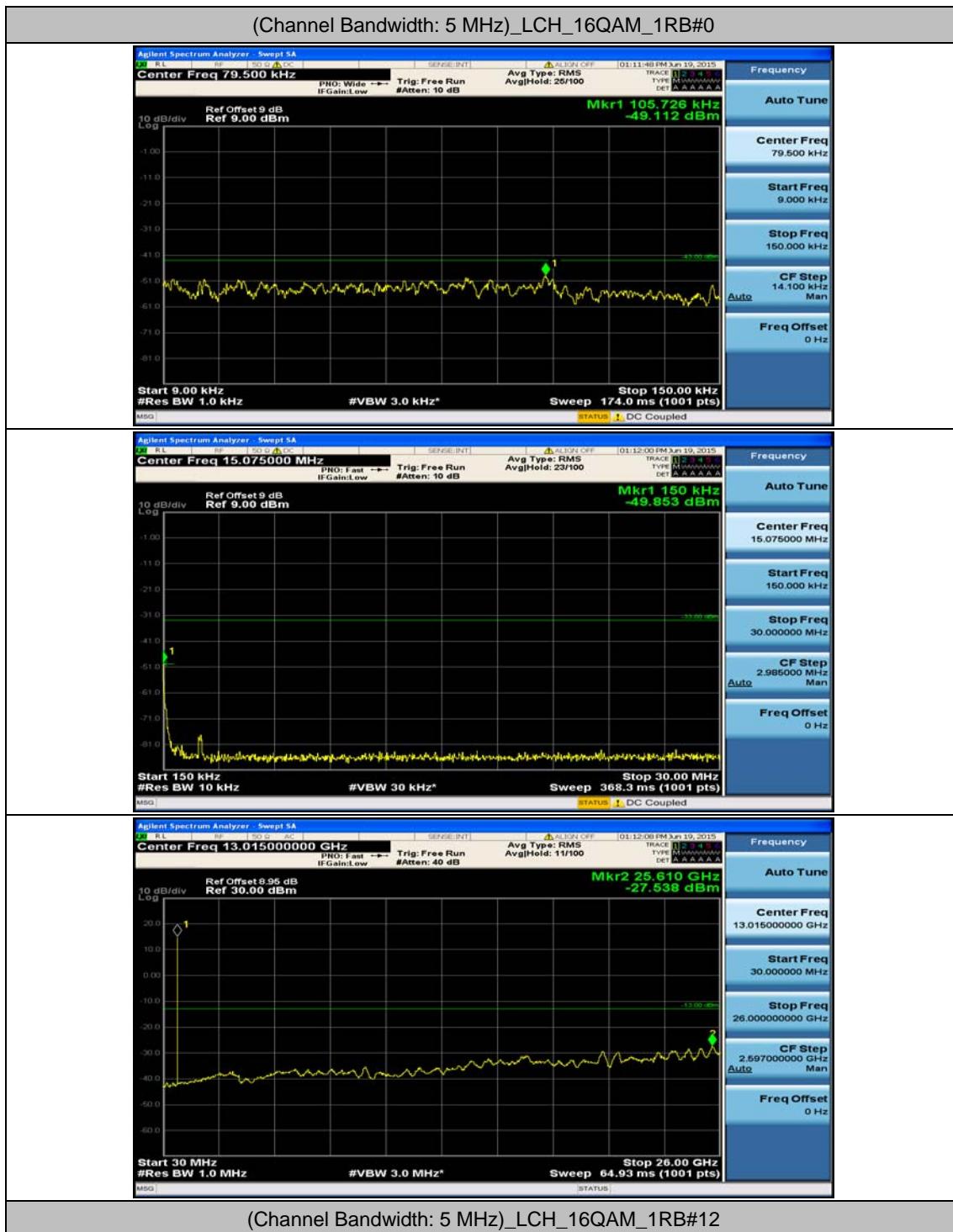


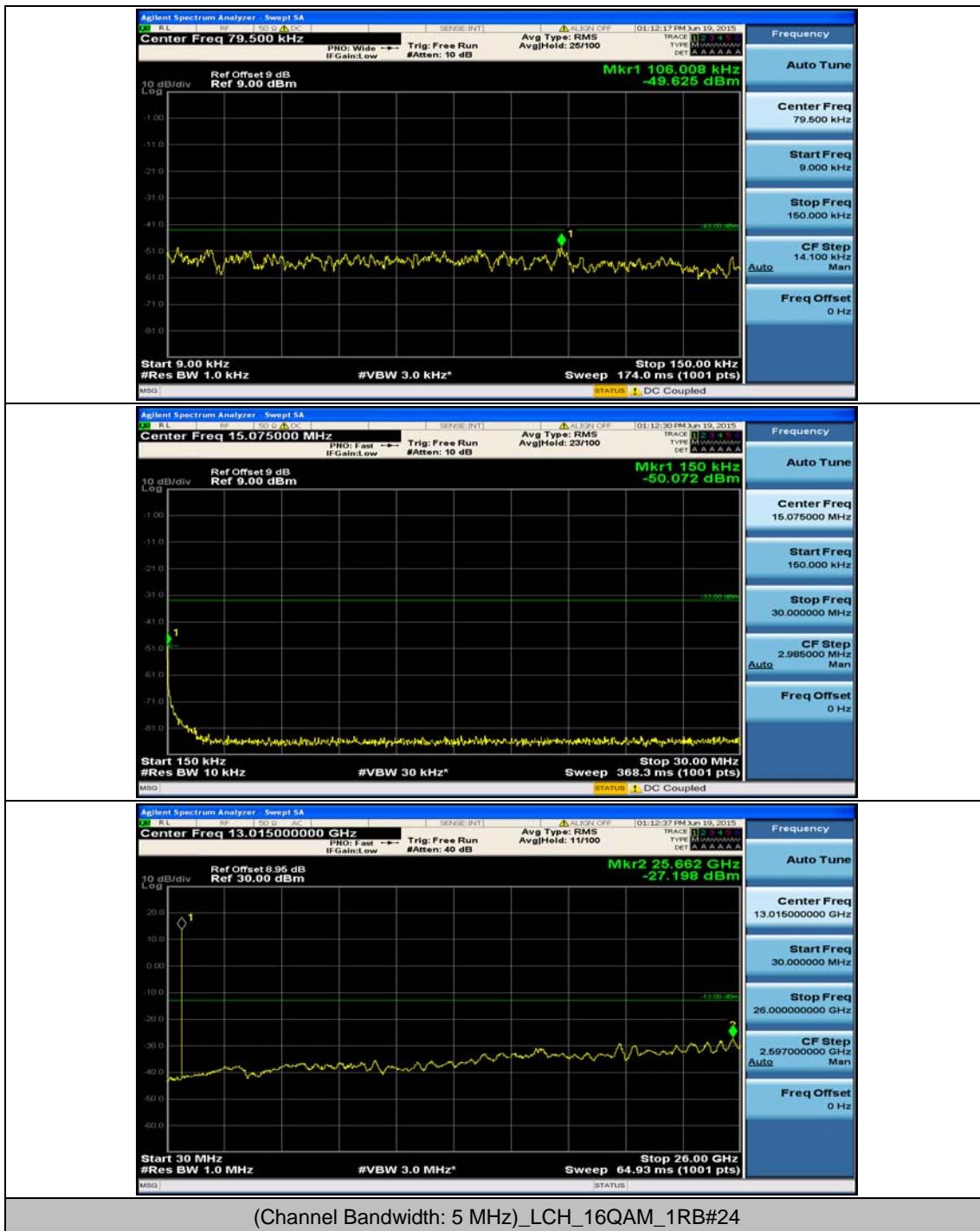


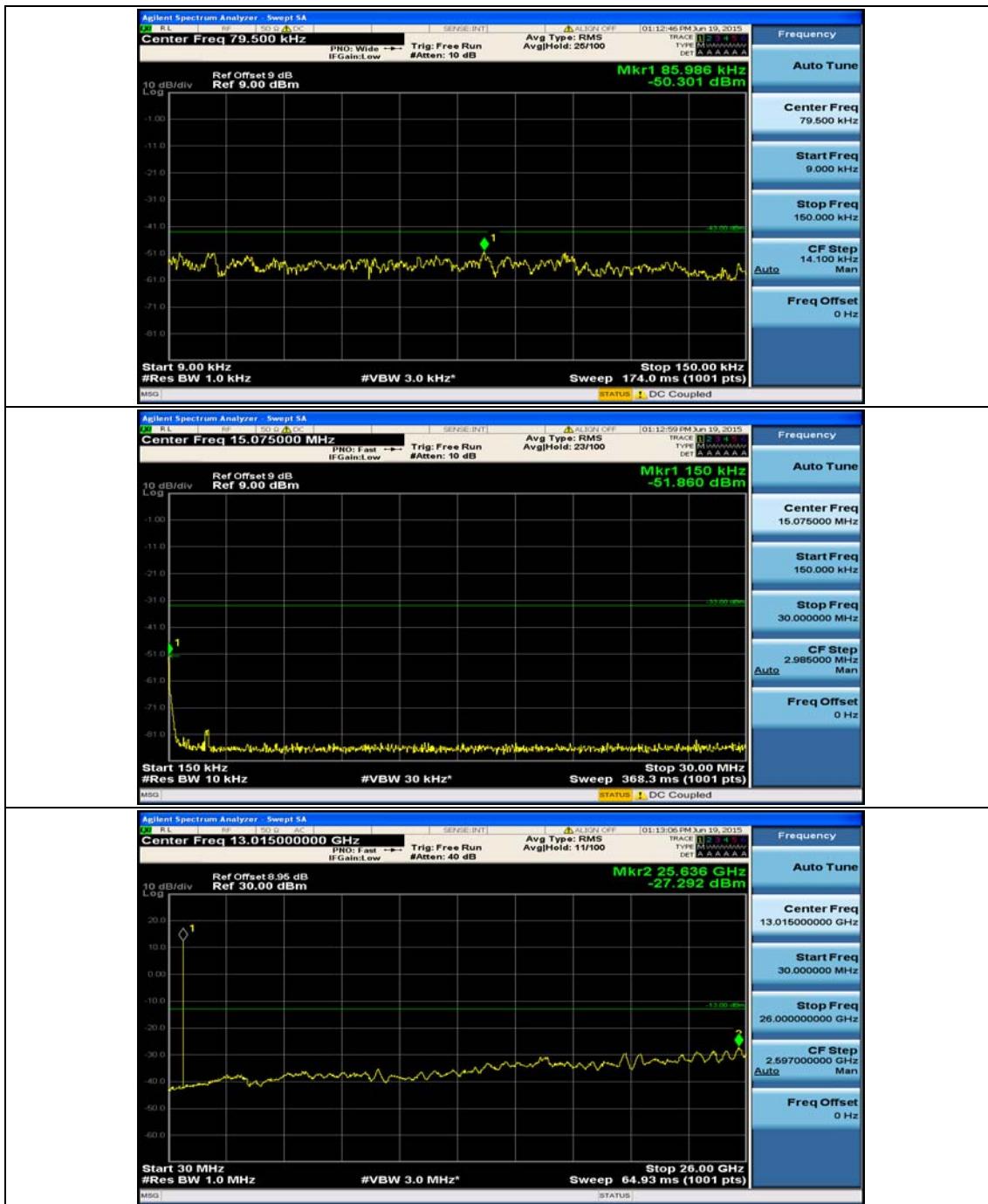


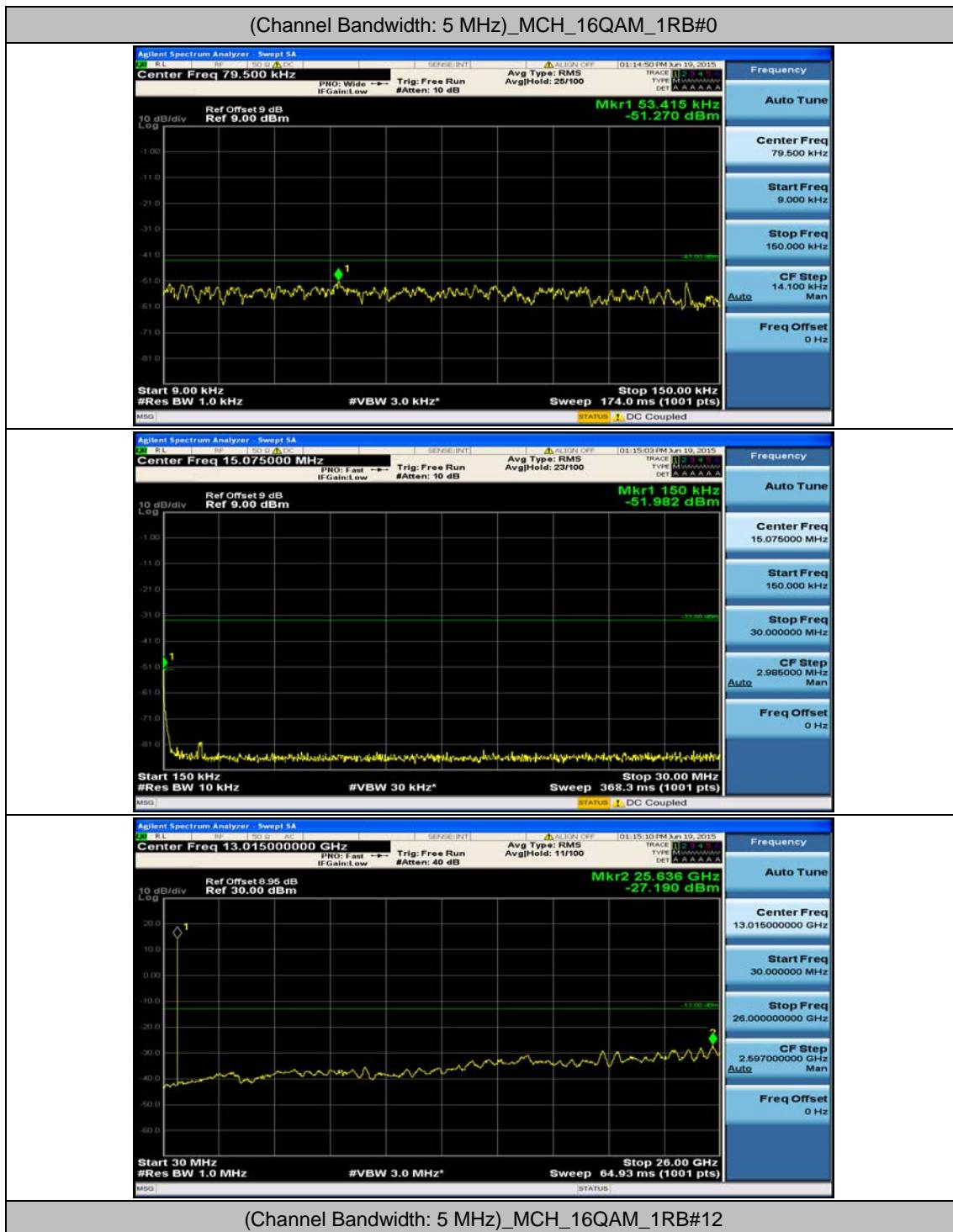
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#24

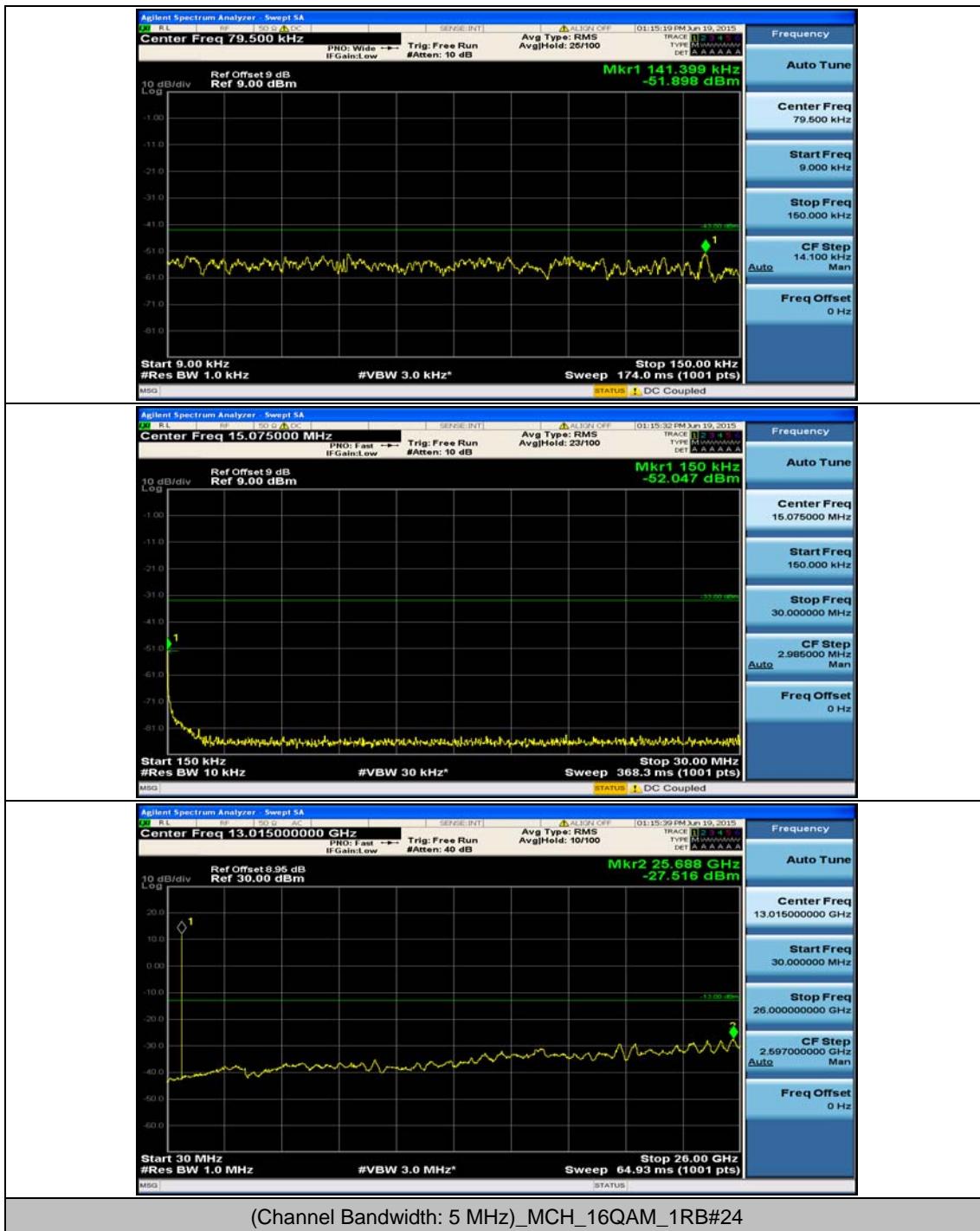




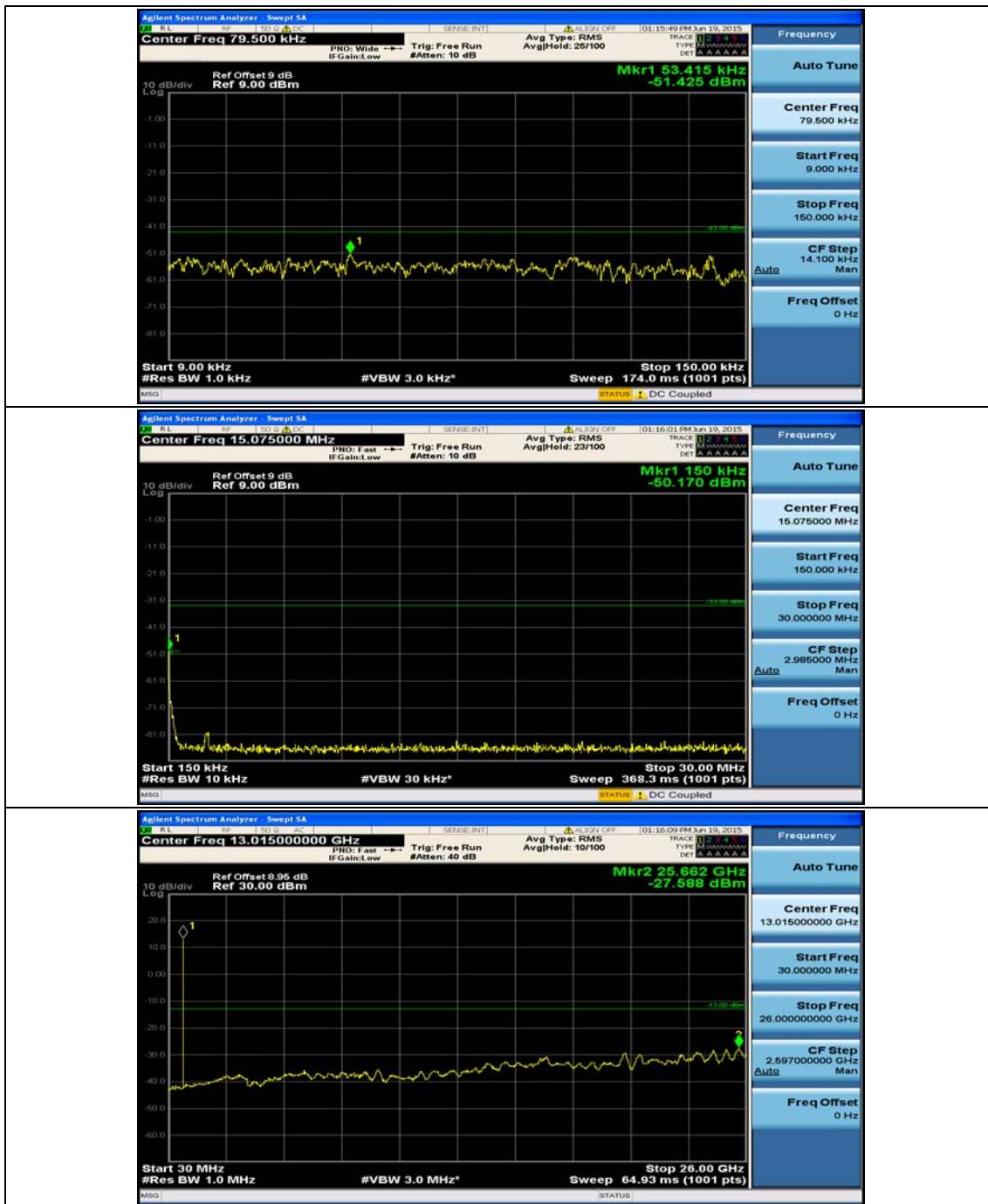


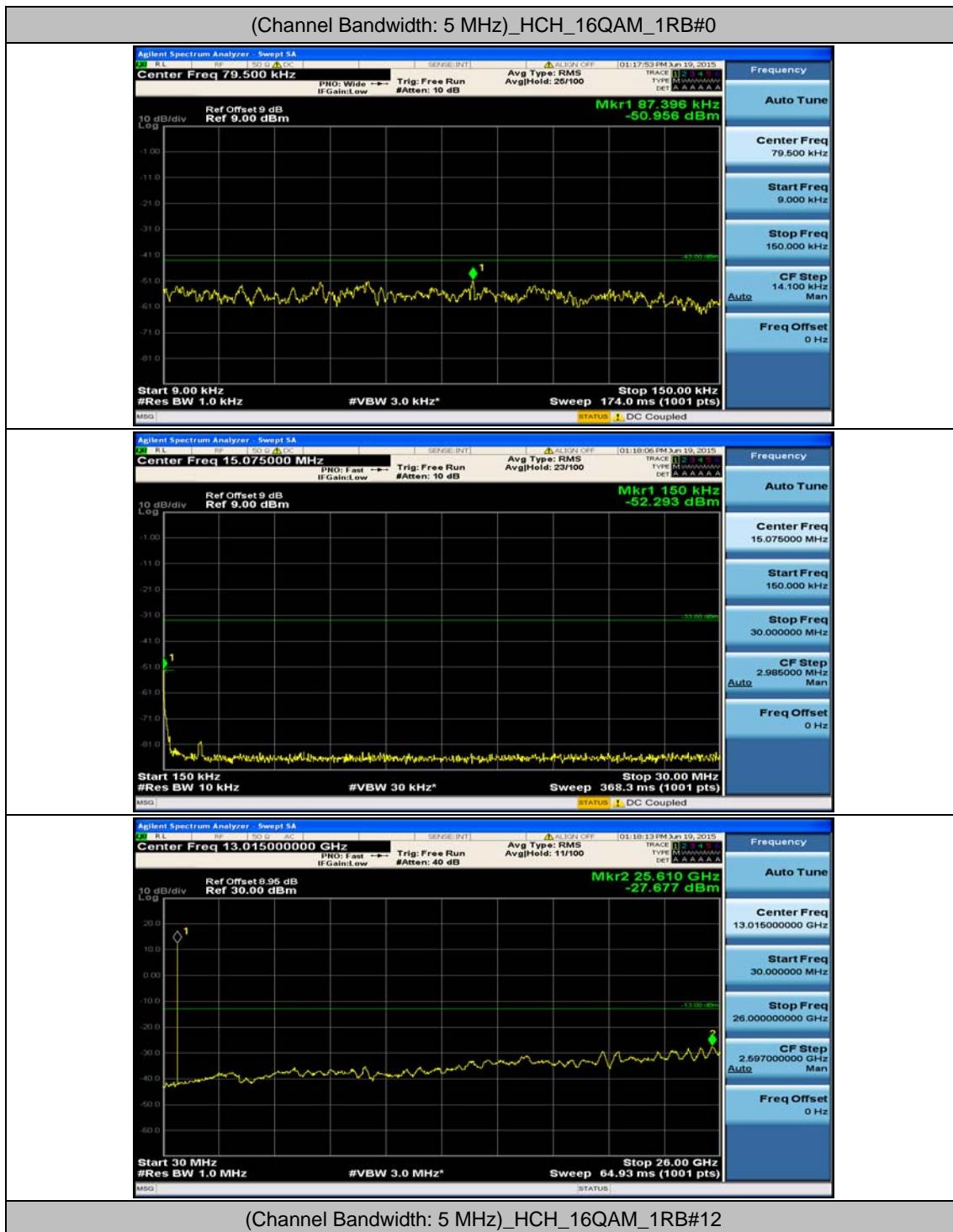


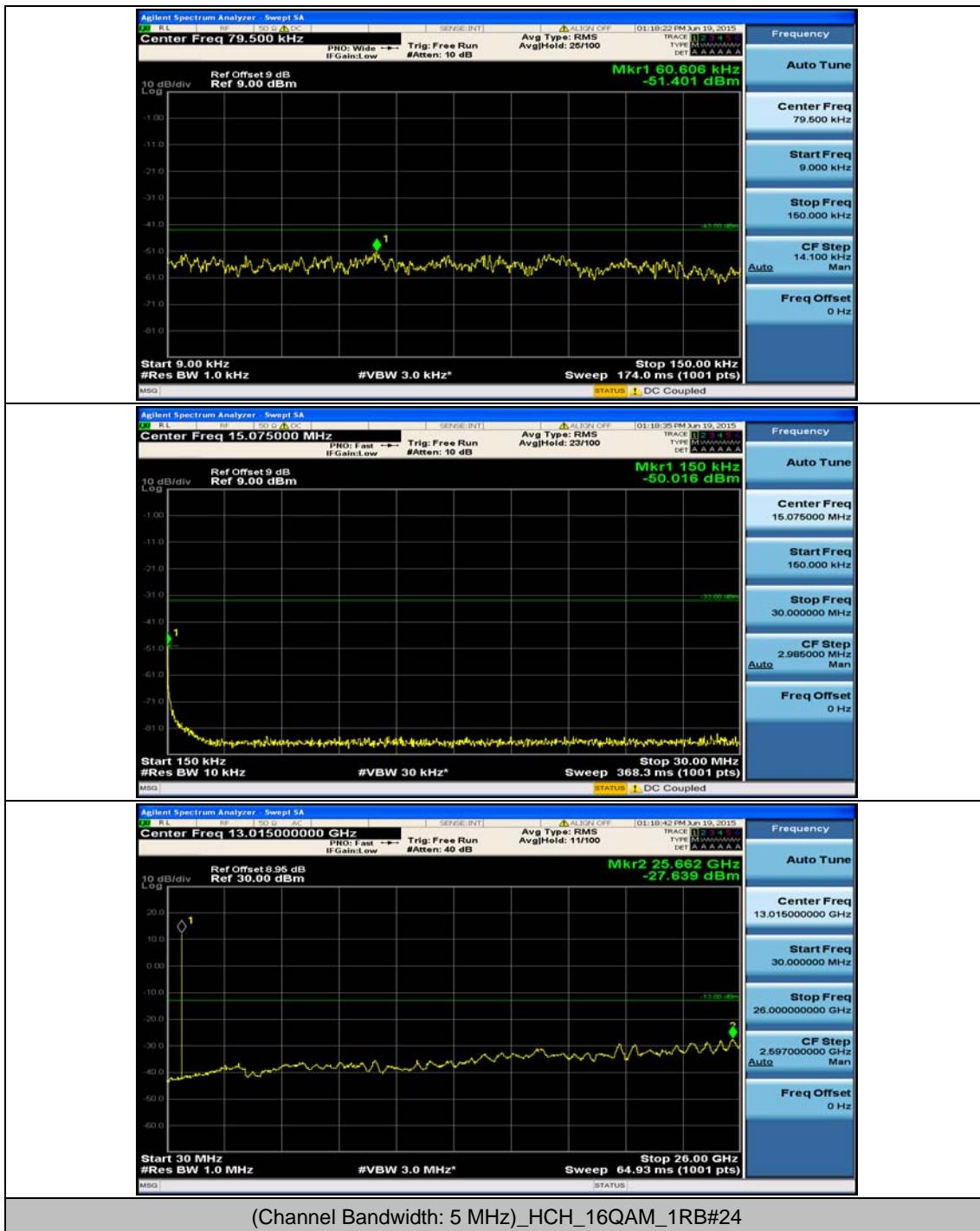


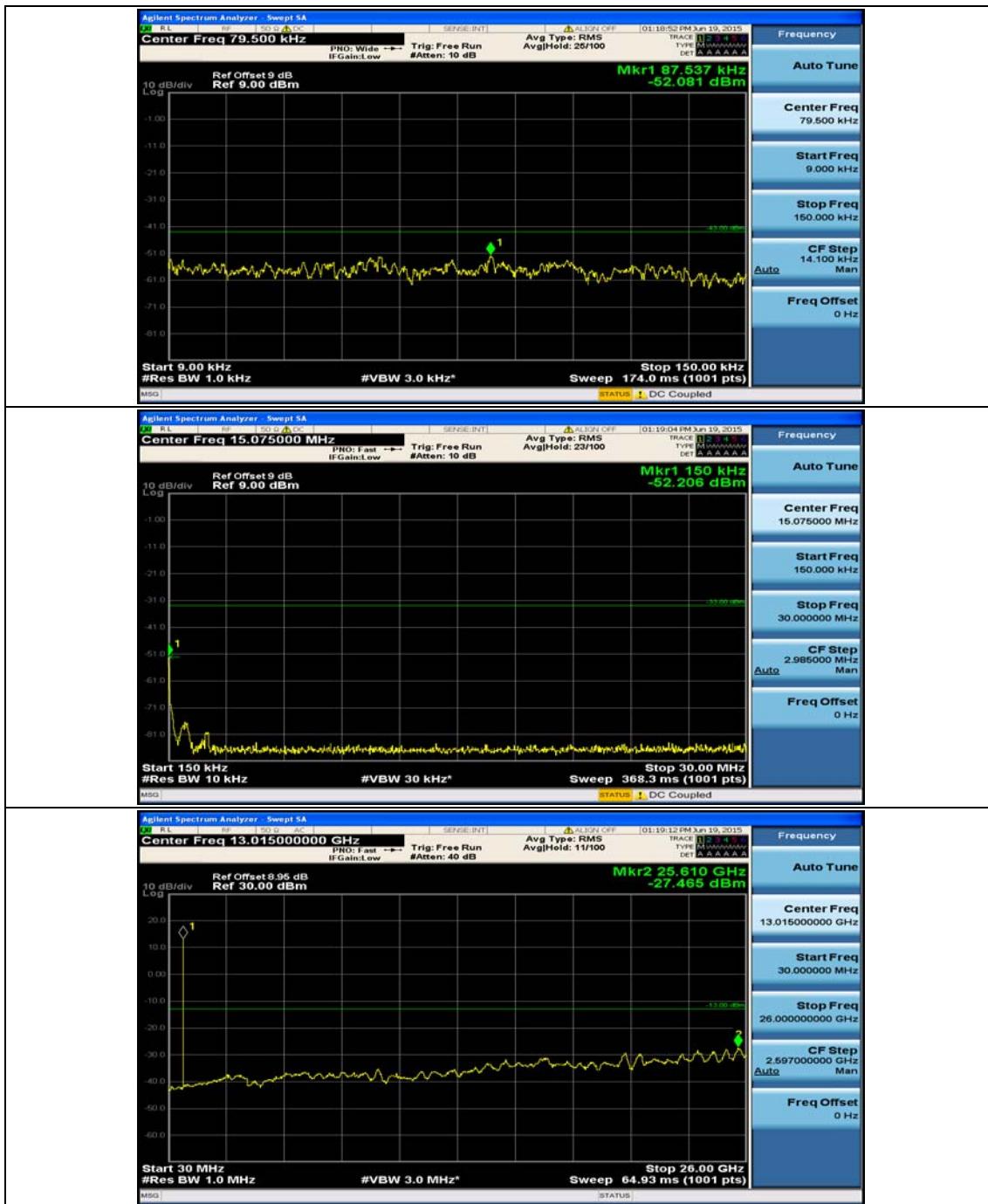


(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_1RB#24

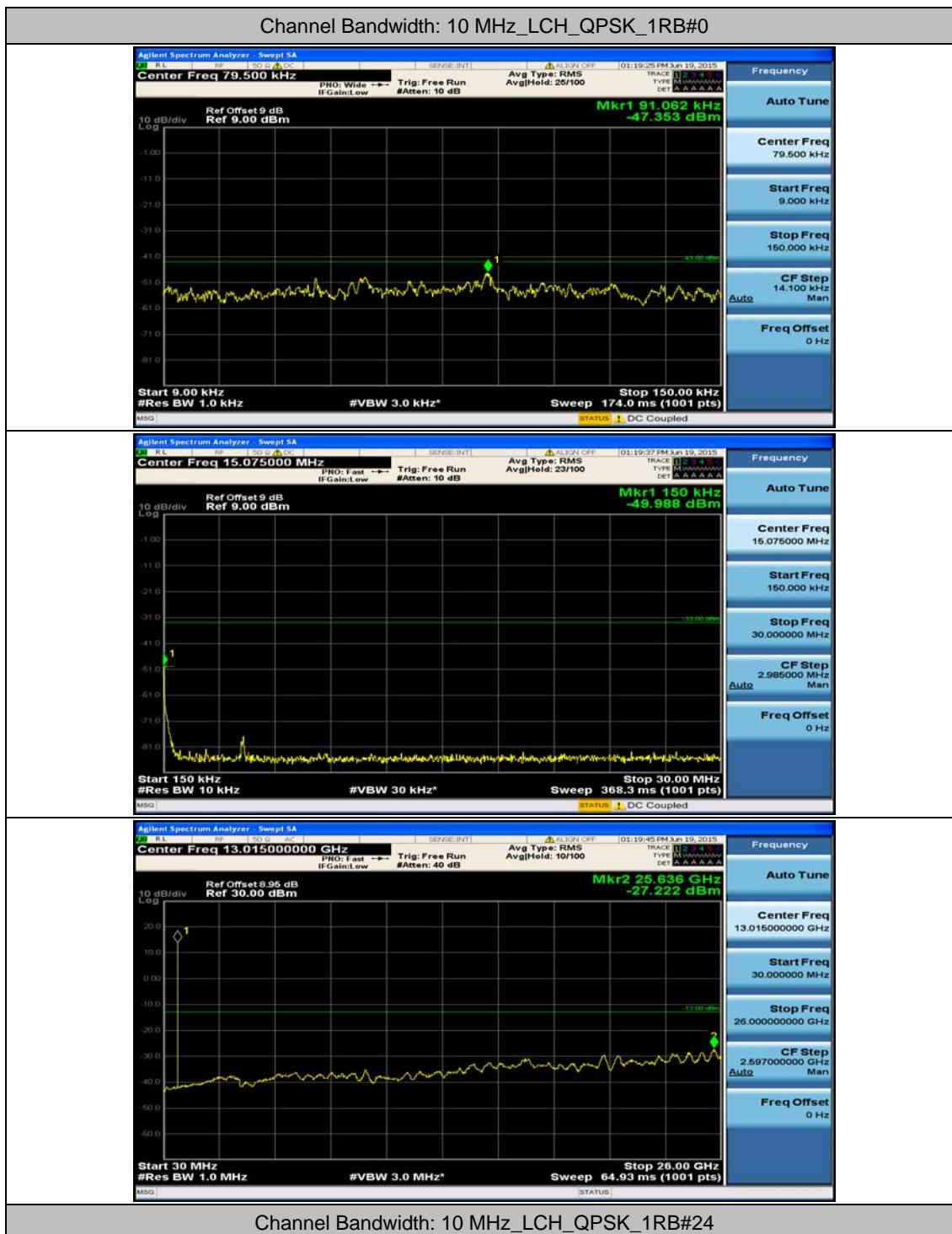


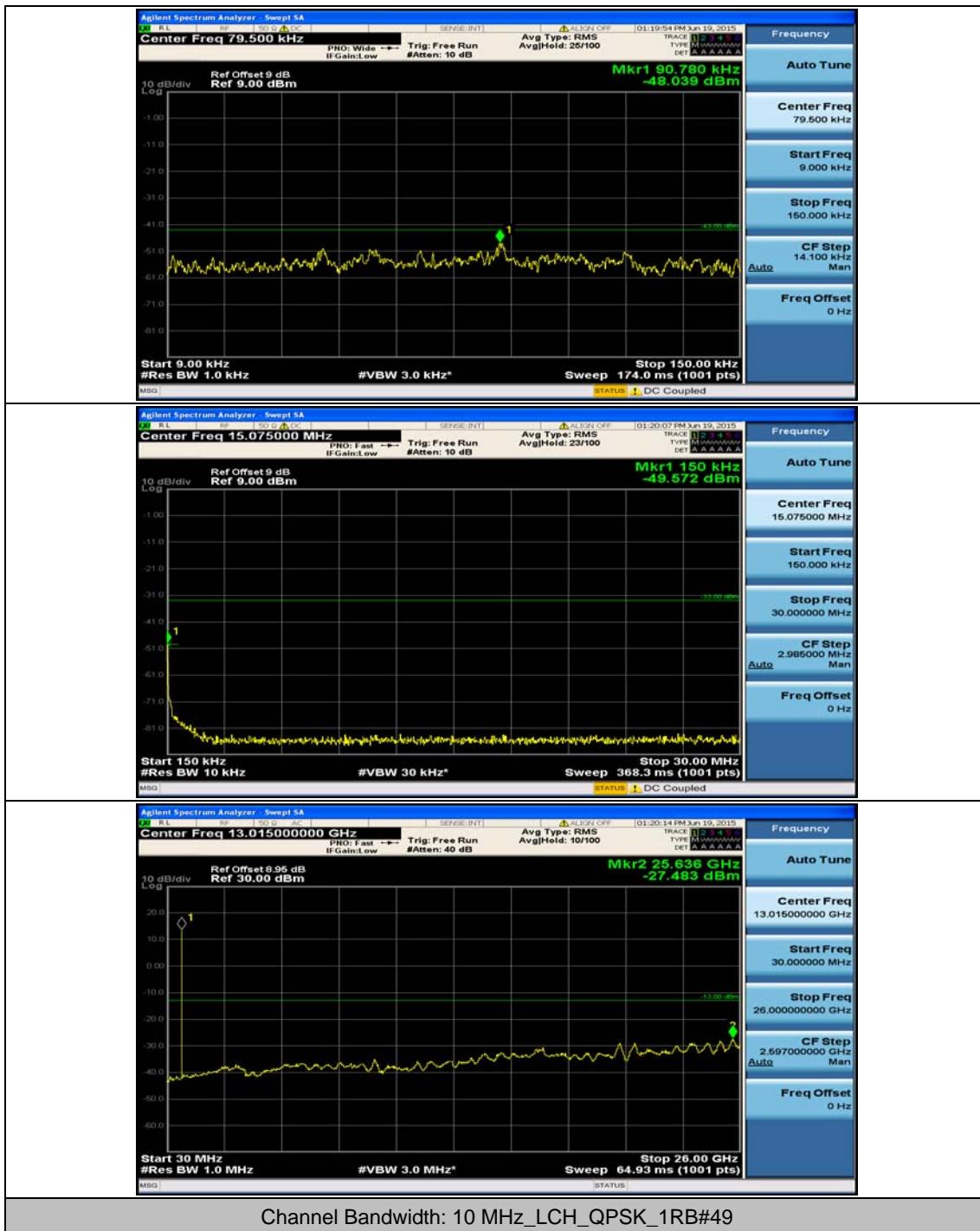


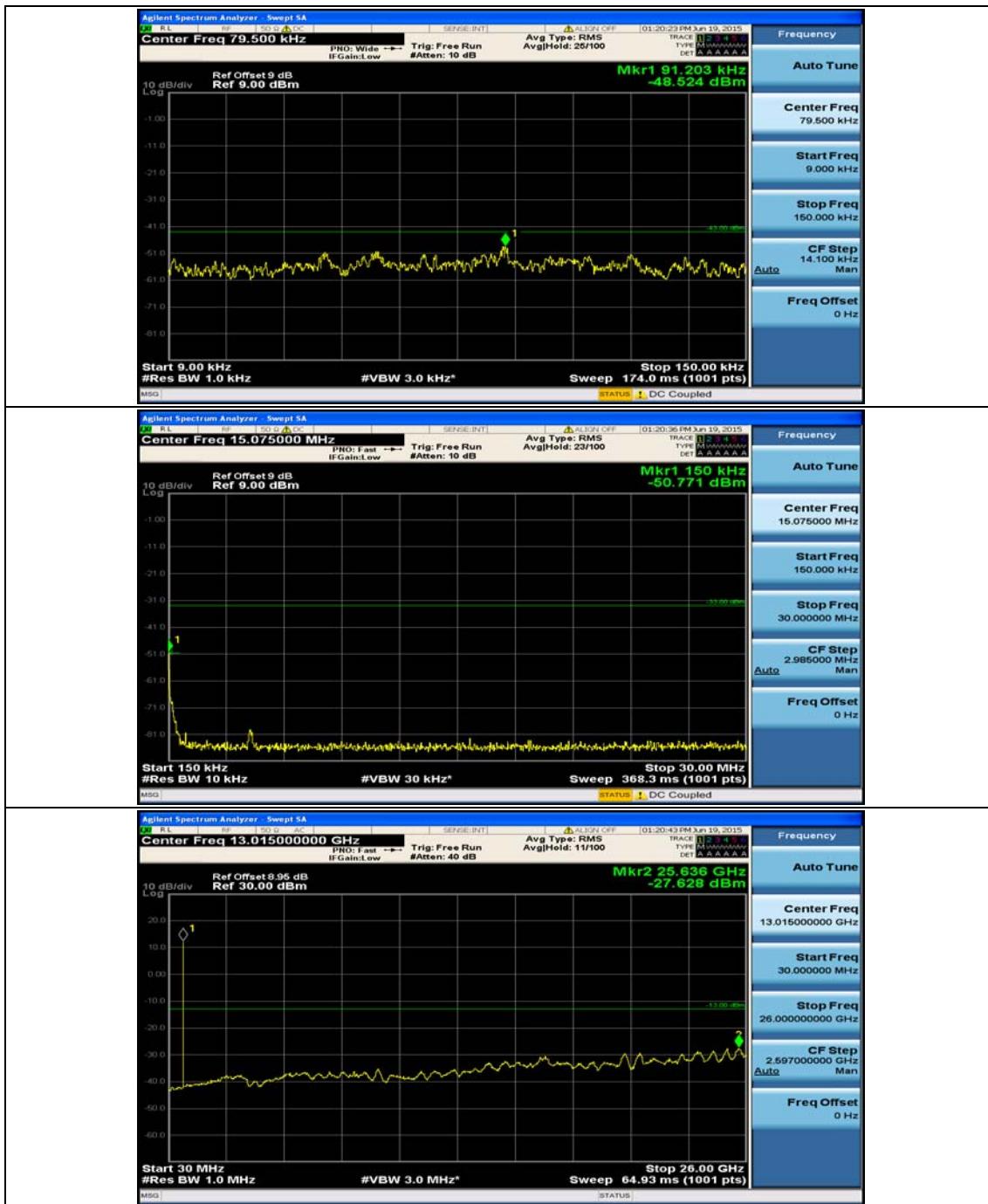


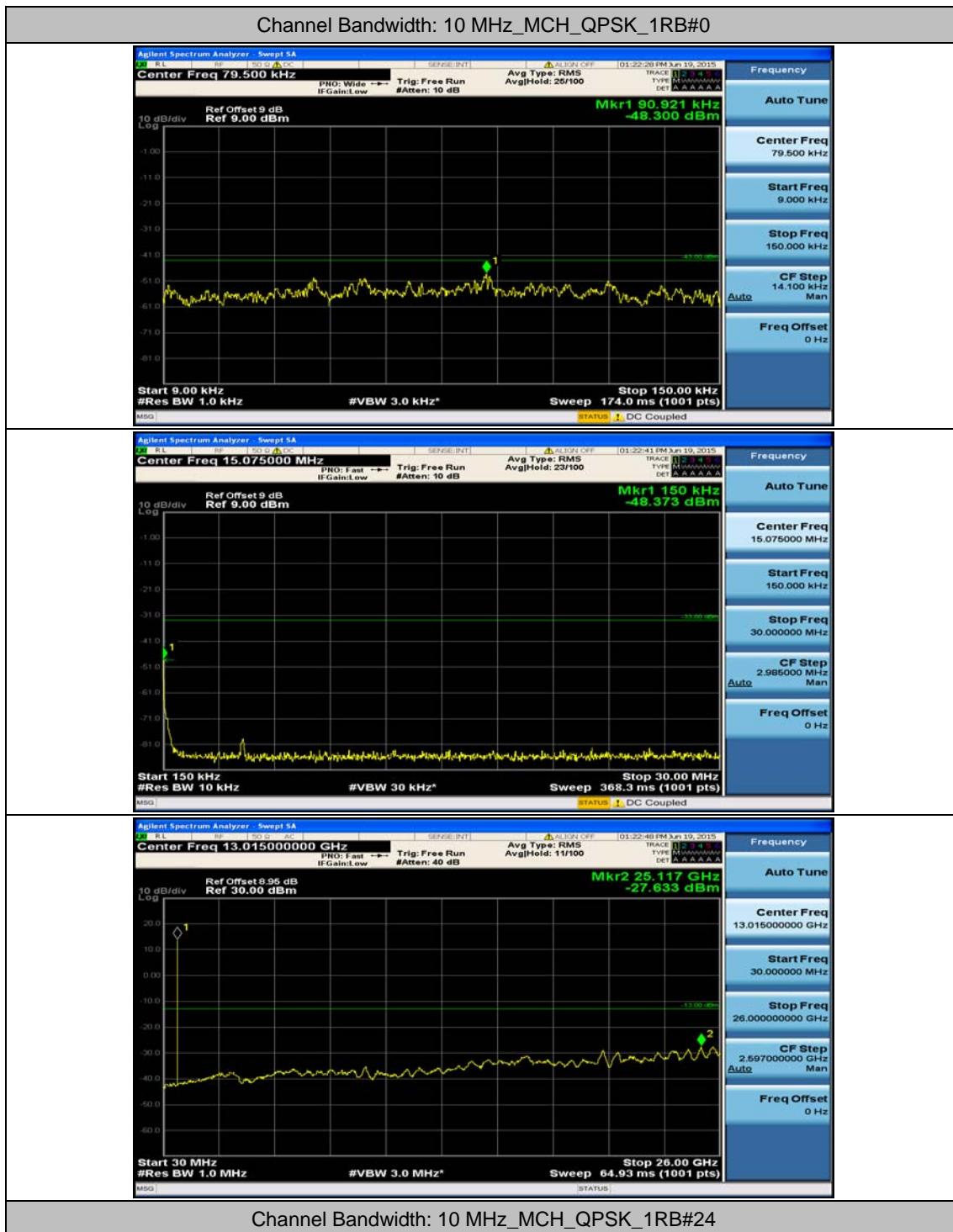


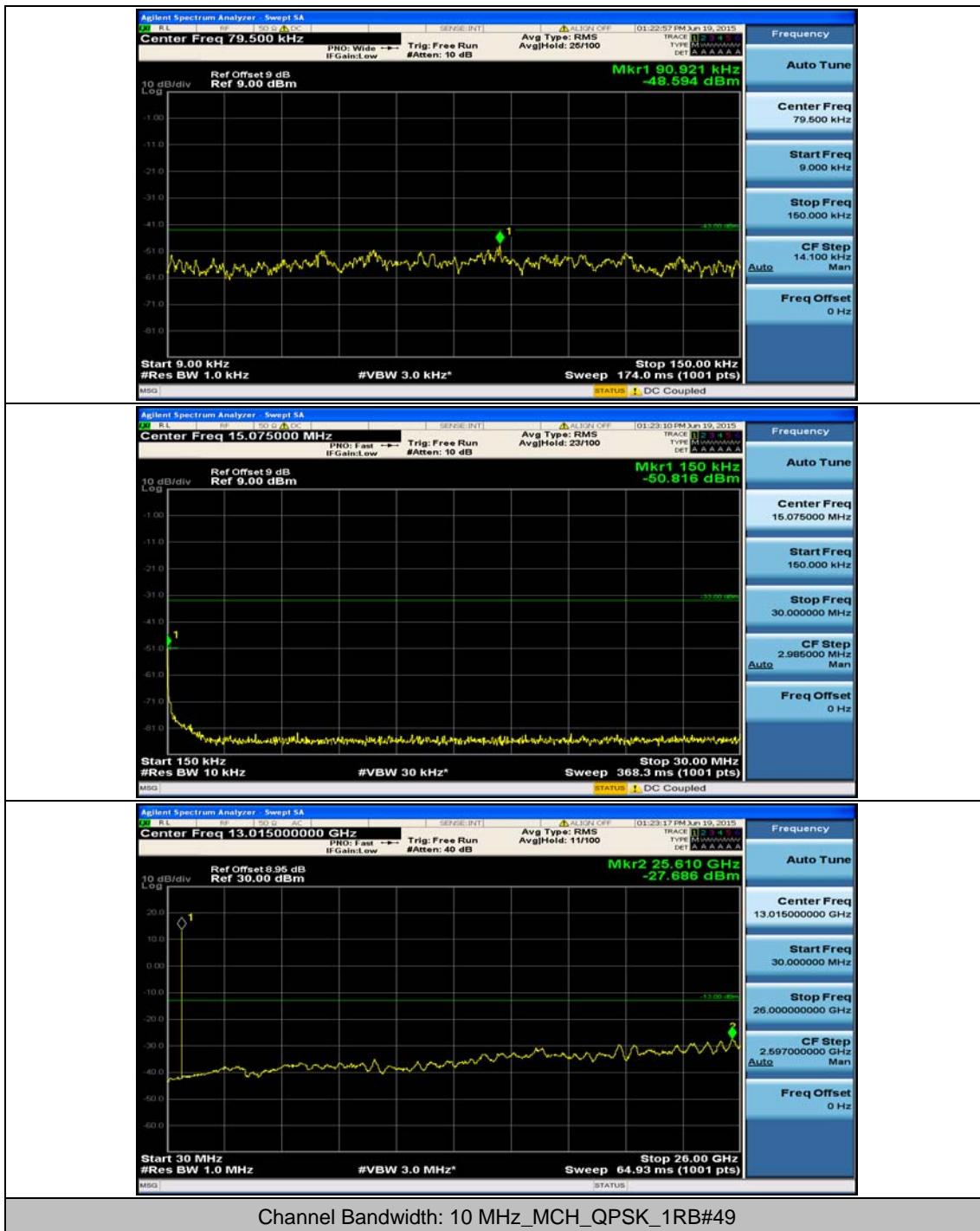
## Channel Bandwidth: 10 MHz



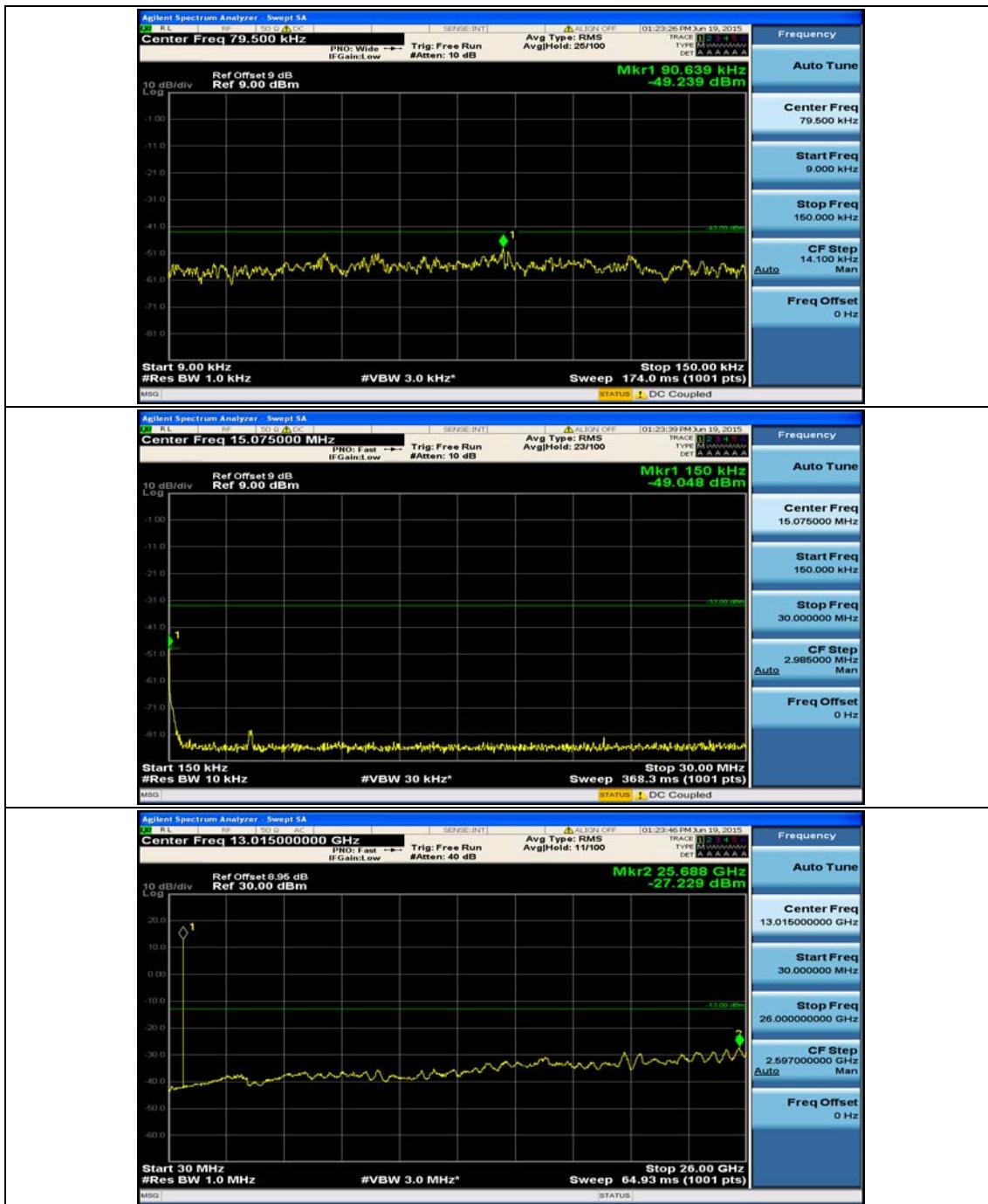


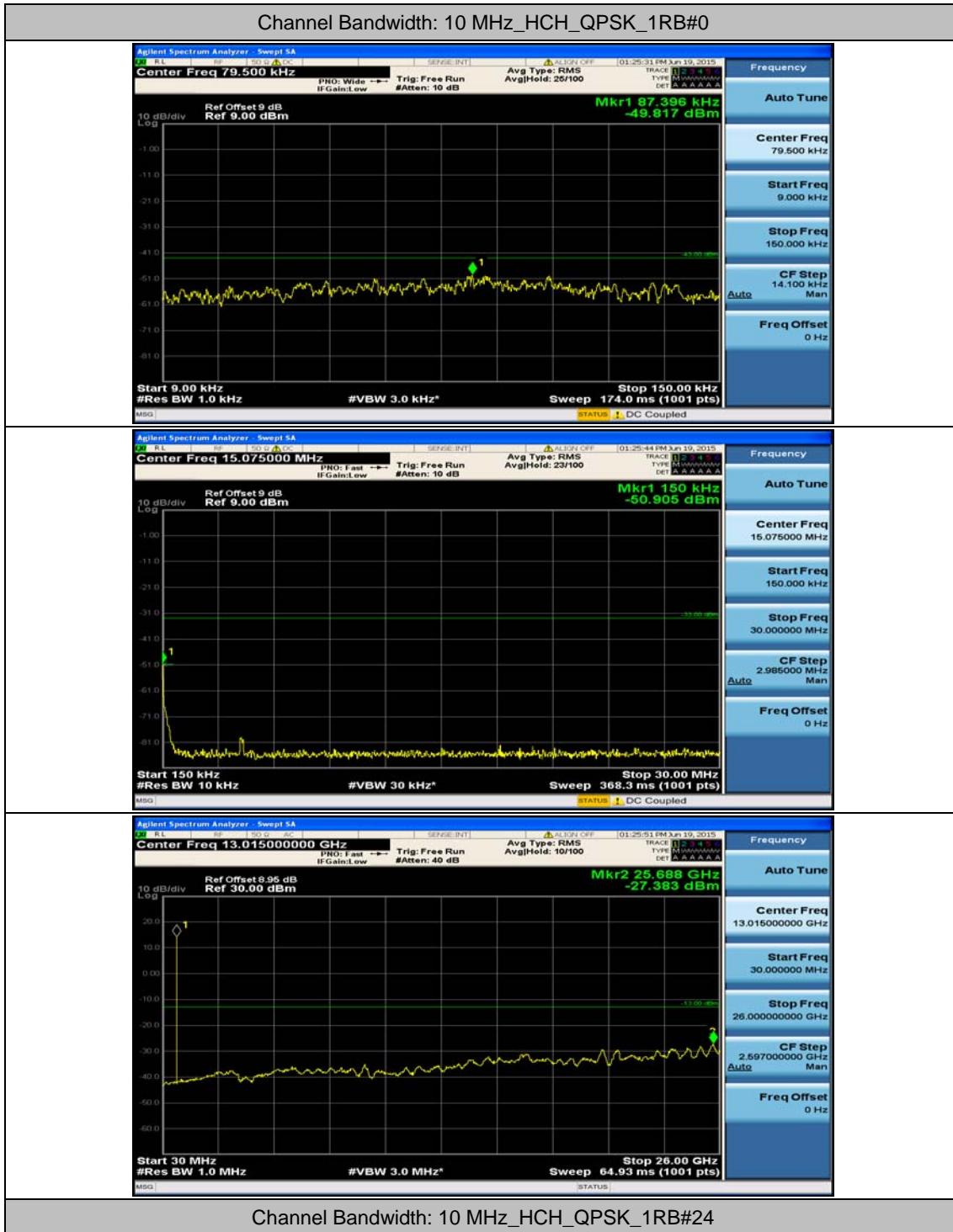


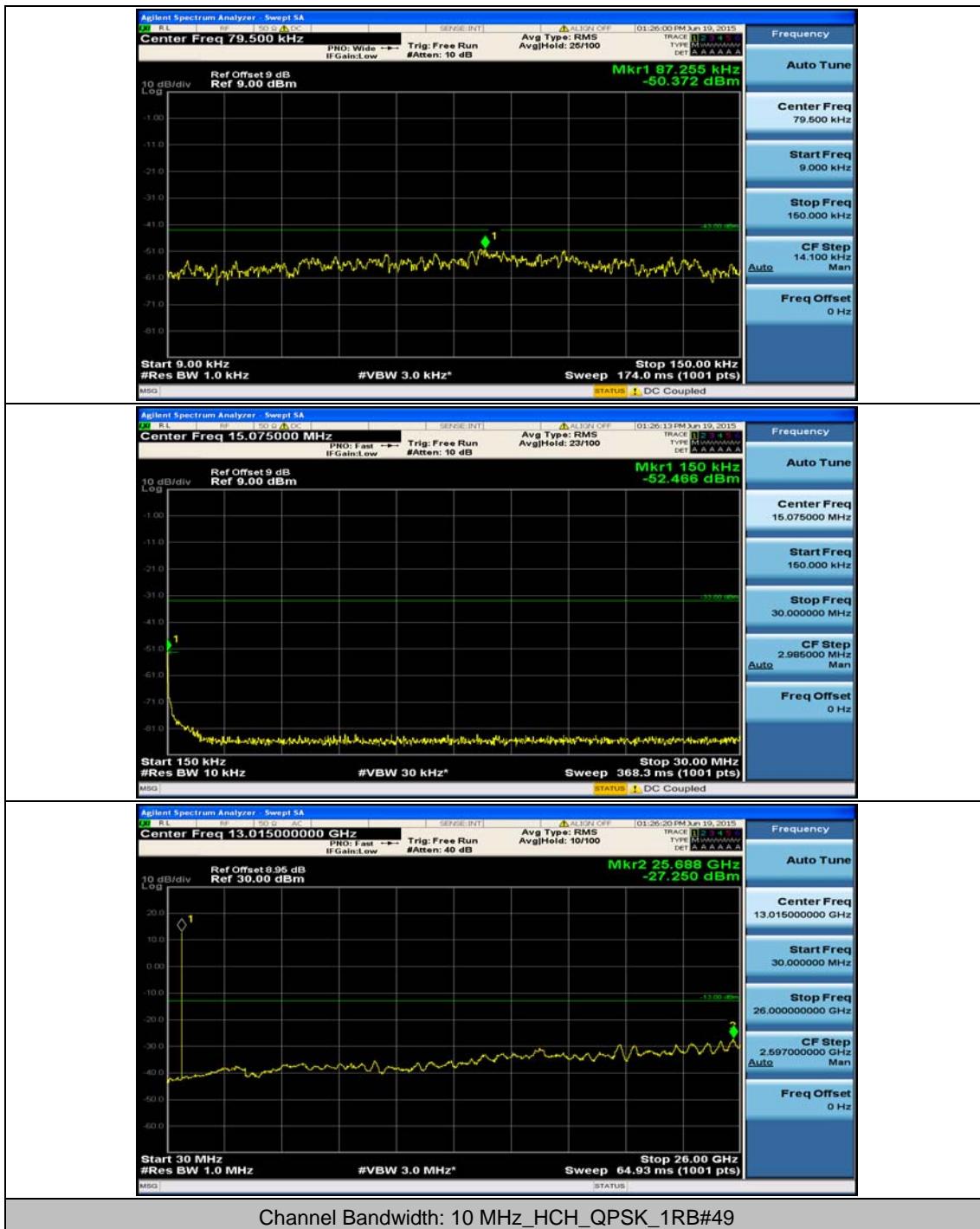


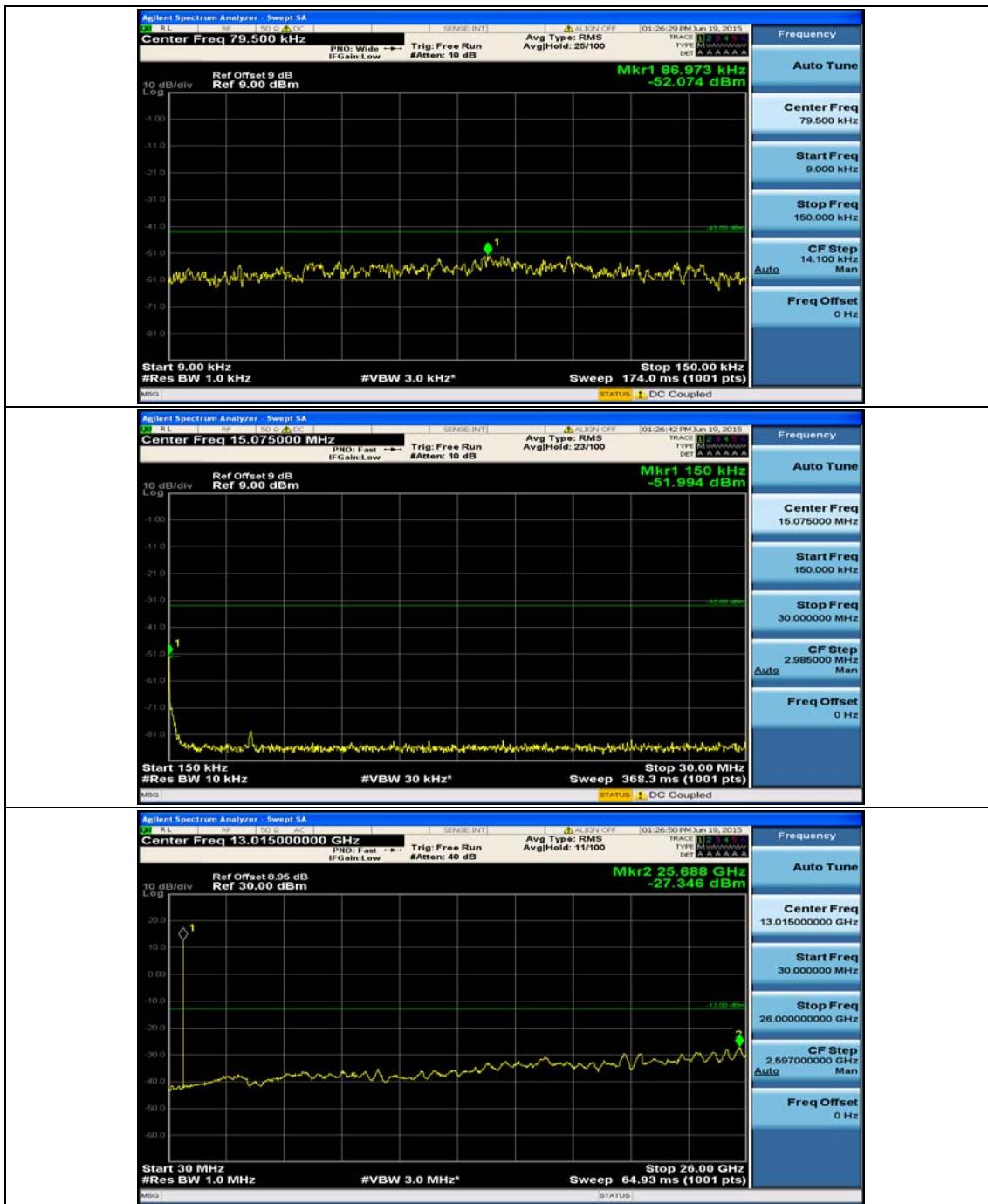


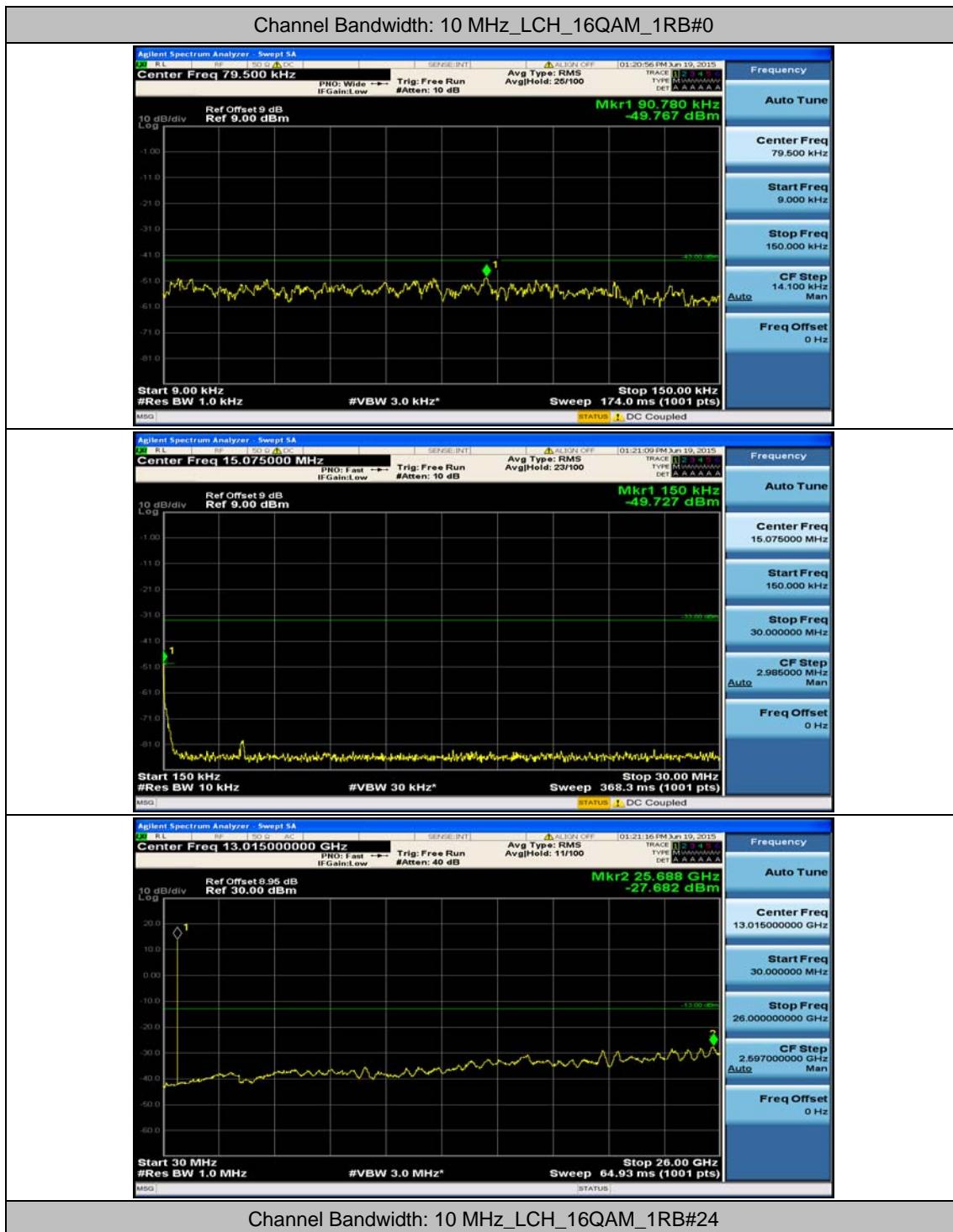
Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#49

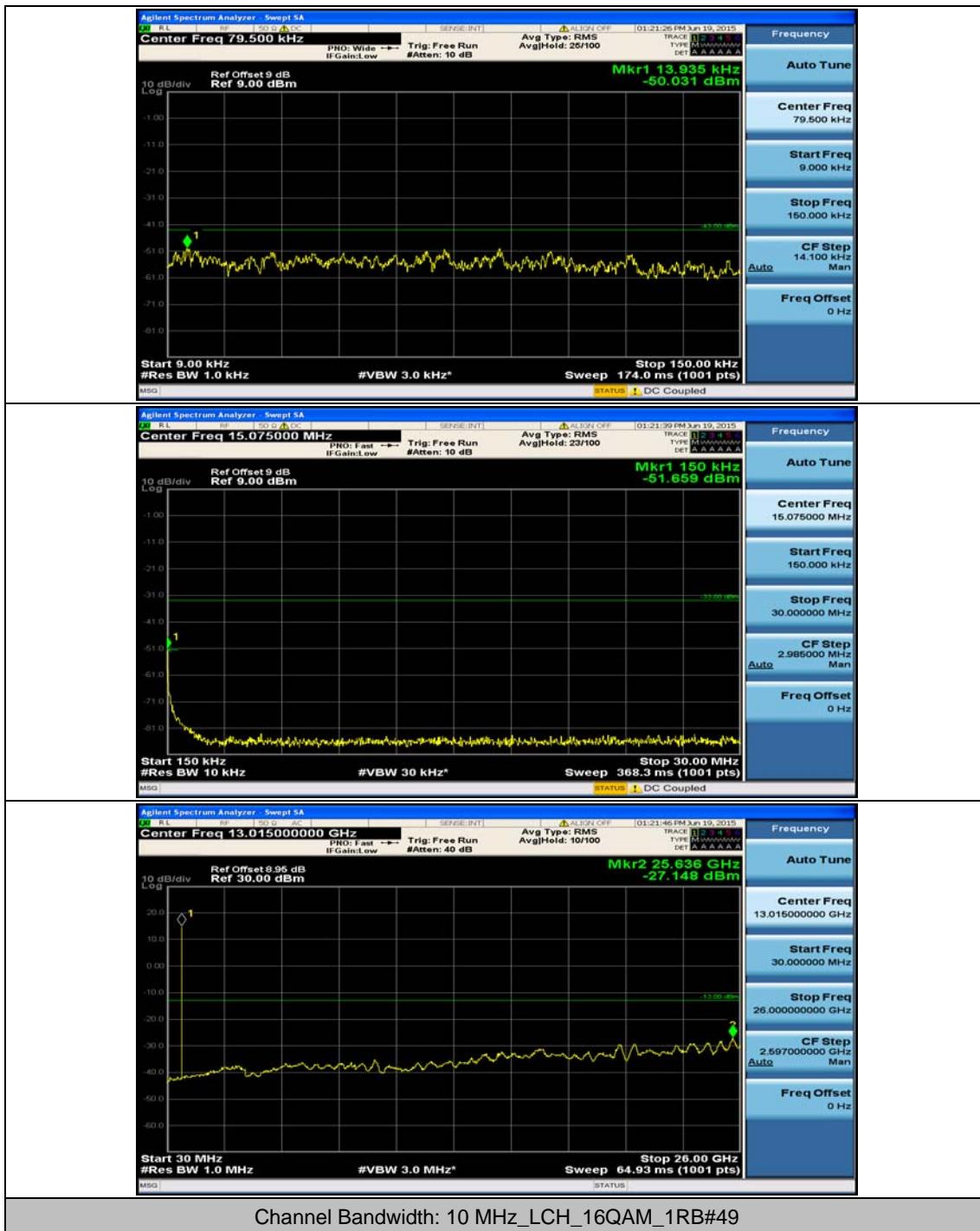




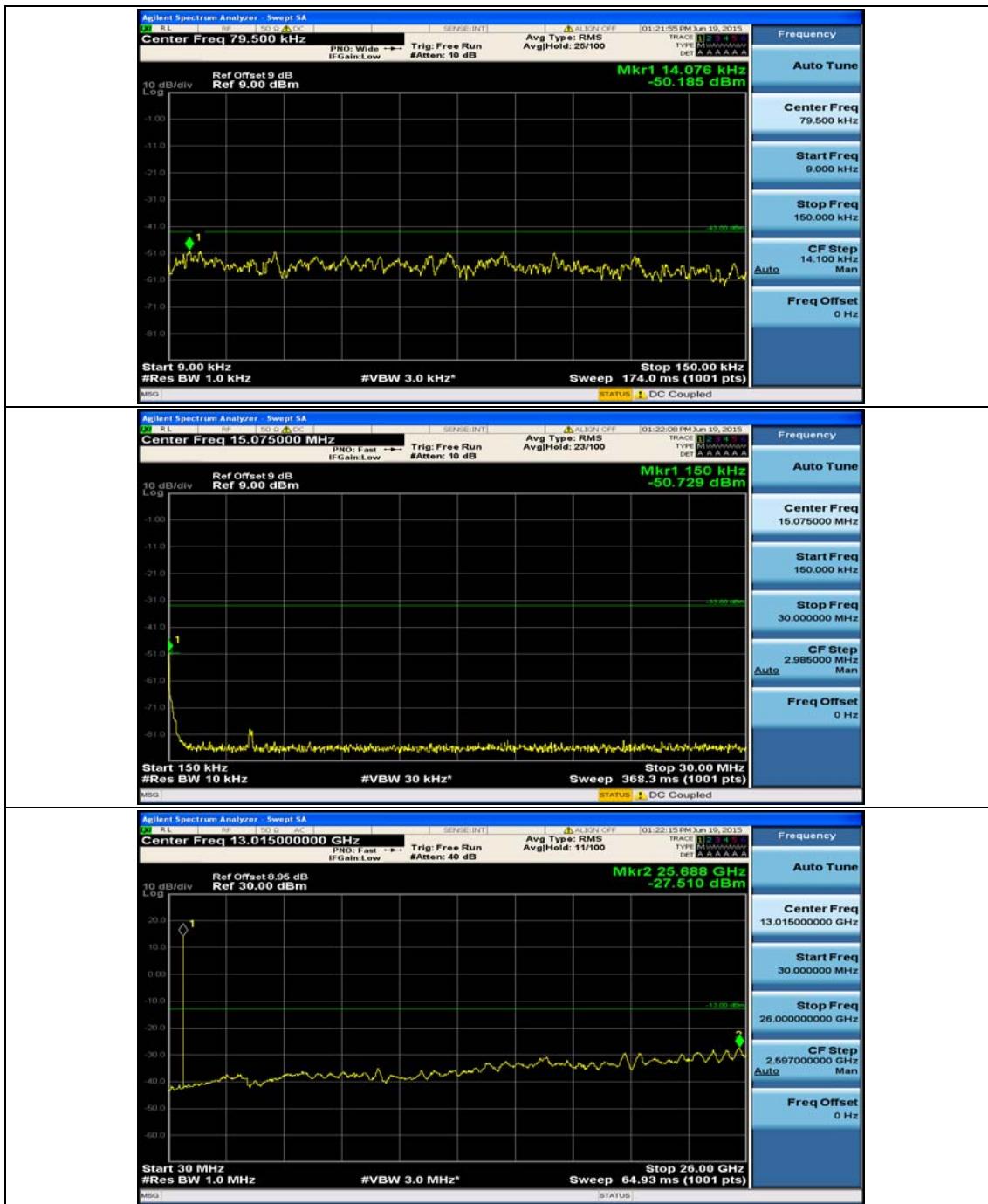


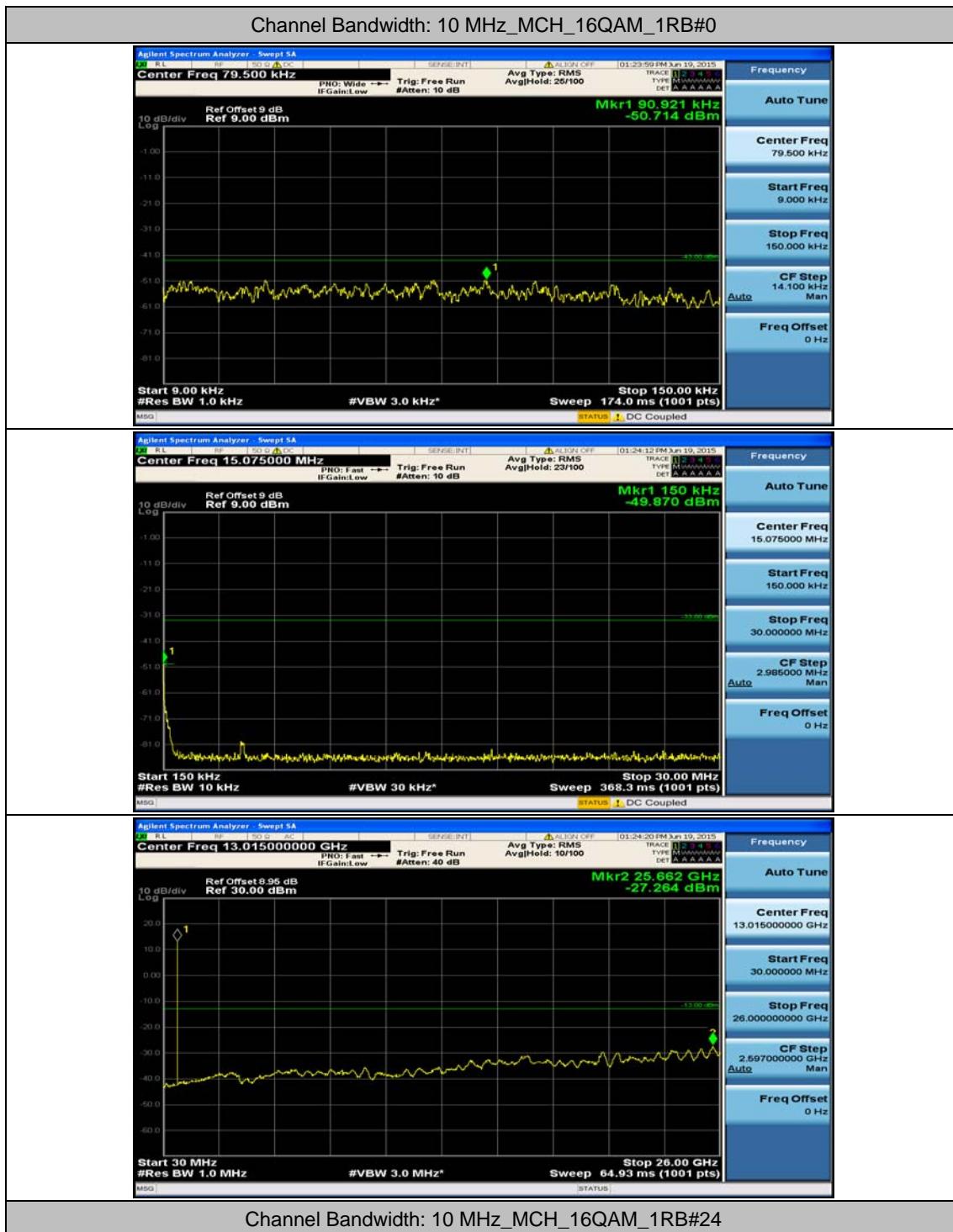


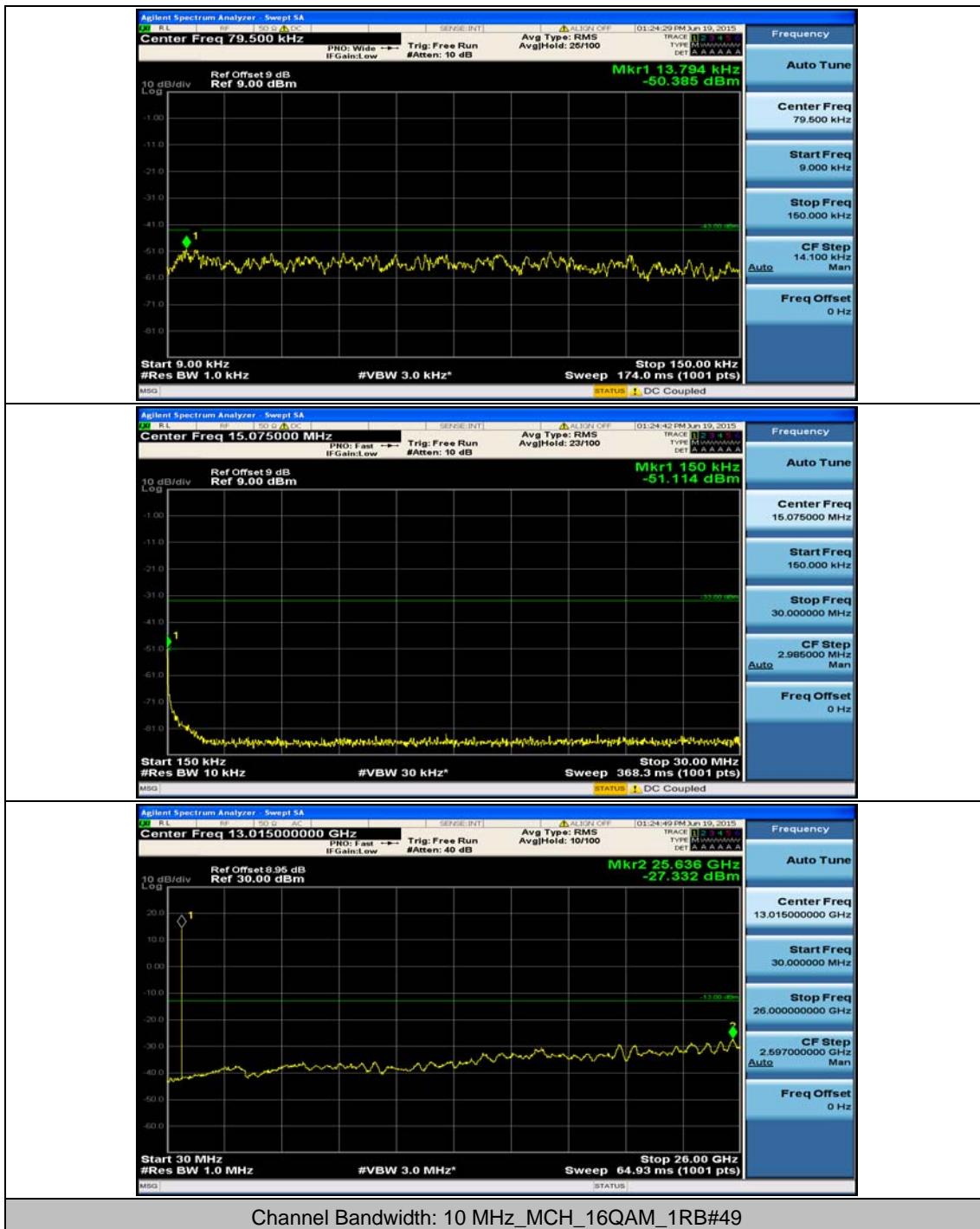


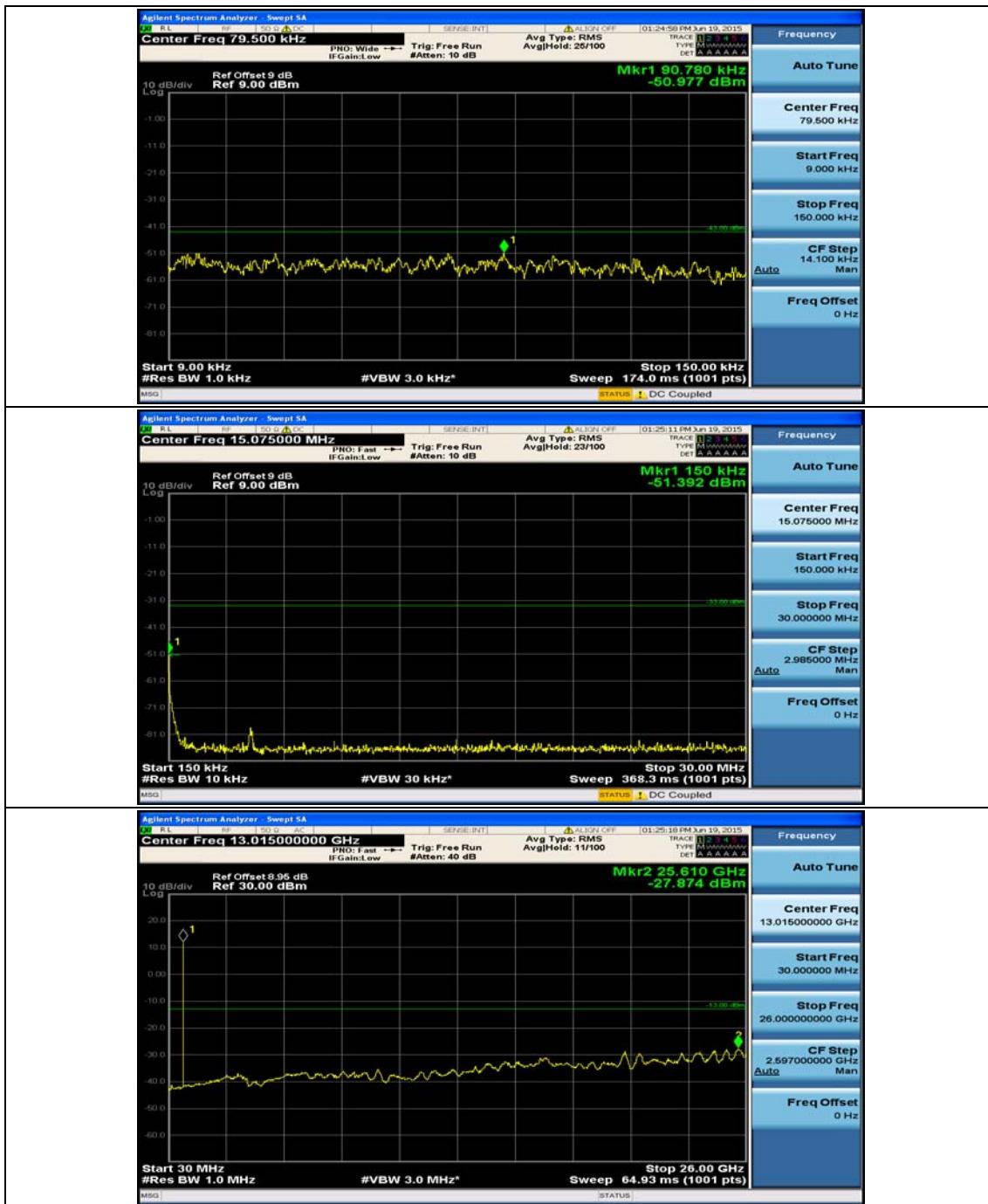


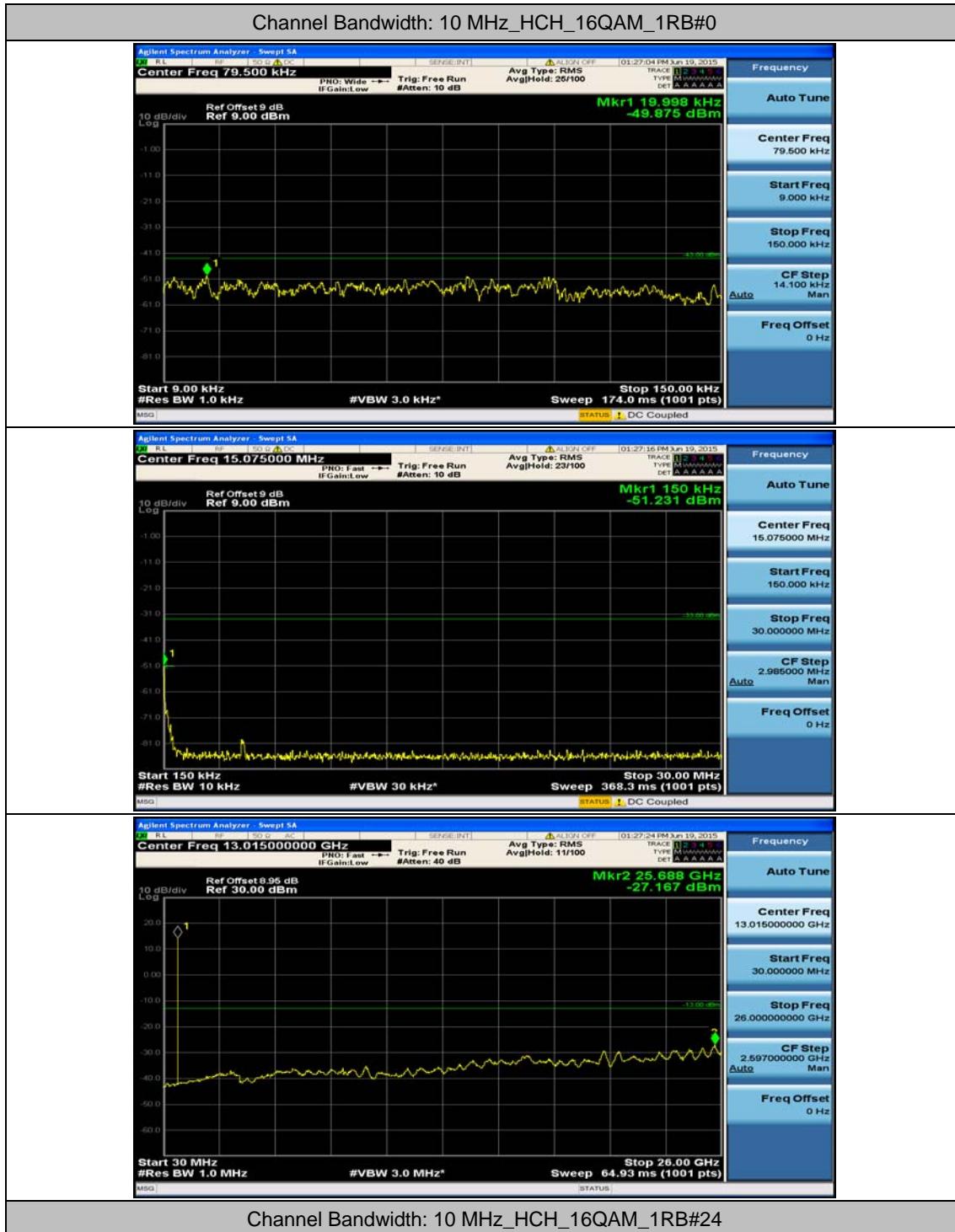
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_1RB#49

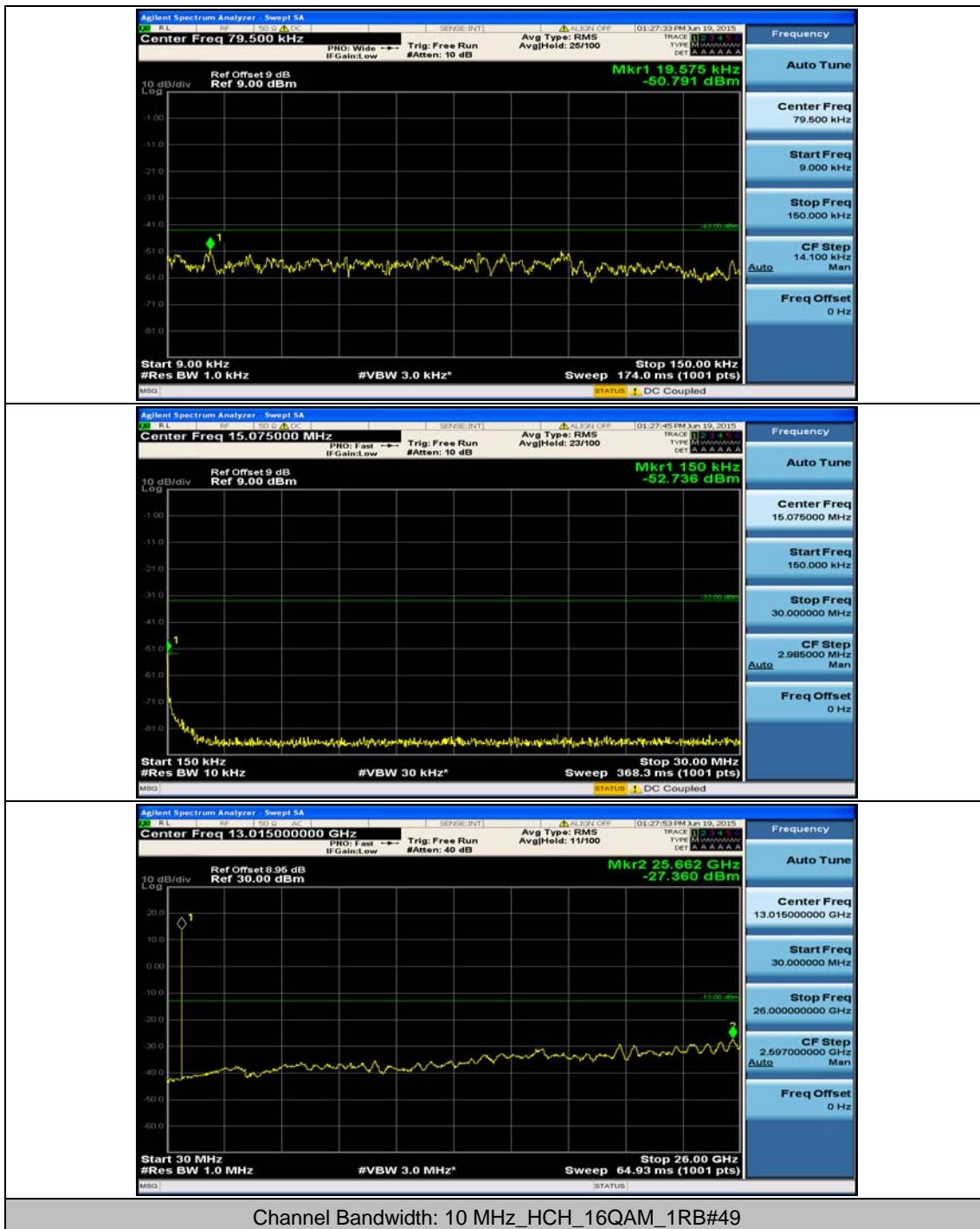




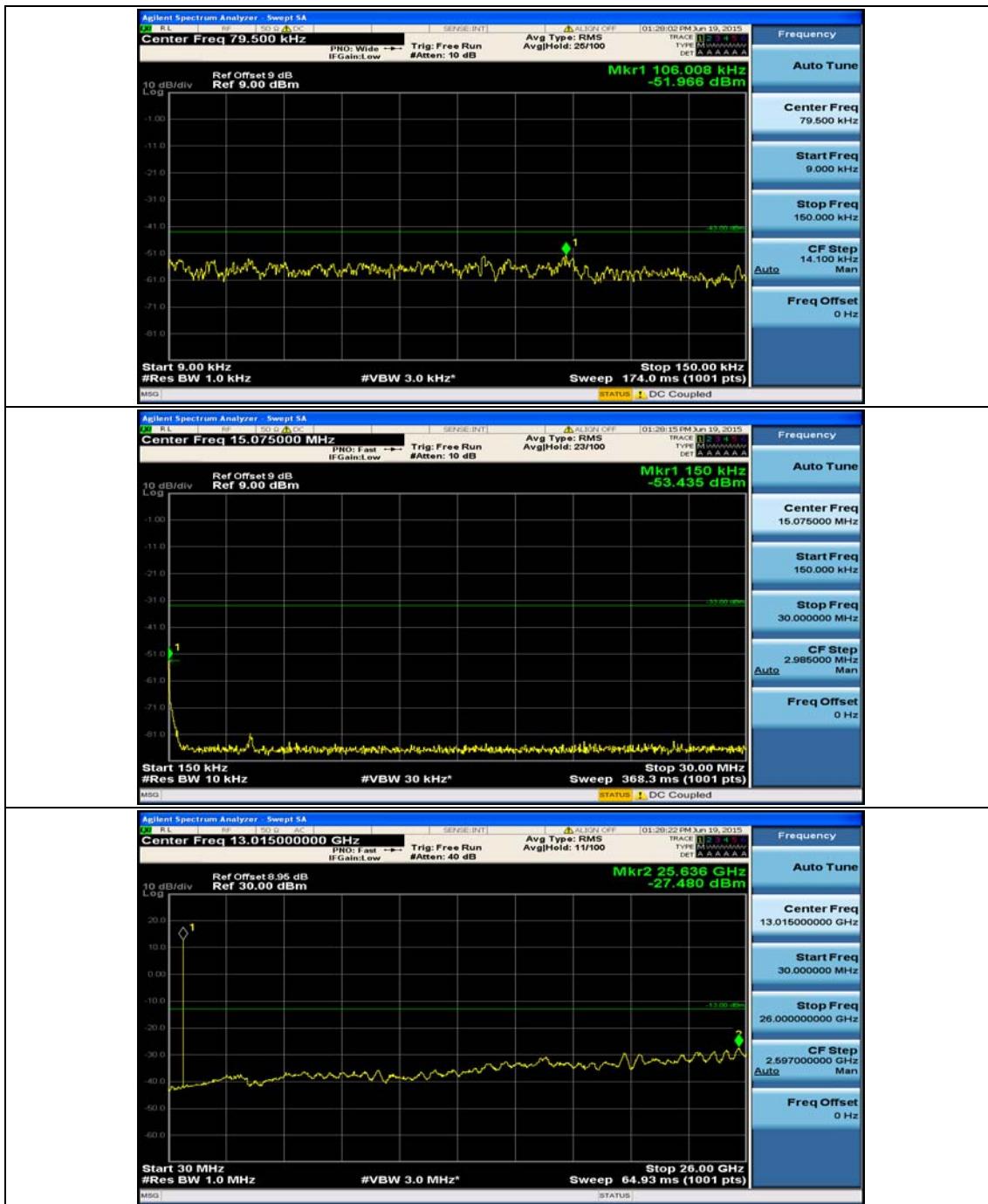








Channel Bandwidth: 10 MHz\_HCH\_16QAM\_1RB#49



## 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	-1.42	-0.002005	± 2.5	PASS
		VN	TN	-1.32	-0.001863	± 2.5	PASS
		VH	TN	-1.43	-0.002025	± 2.5	PASS
	MCH	VL	TN	1.49	0.002095	± 2.5	PASS
		VN	TN	1.23	0.001733	± 2.5	PASS
		VH	TN	-0.90	-0.001269	± 2.5	PASS
	HCH	VL	TN	-2.27	-0.003188	± 2.5	PASS
		VN	TN	-0.94	-0.001323	± 2.5	PASS
		VH	TN	-1.65	-0.002306	± 2.5	PASS
16QAM	LCH	VL	TN	-0.70	-0.000992	± 2.5	PASS
		VN	TN	-0.94	-0.001336	± 2.5	PASS
		VH	TN	-1.27	-0.001802	± 2.5	PASS
	MCH	VL	TN	-0.77	-0.001088	± 2.5	PASS
		VN	TN	-0.63	-0.000887	± 2.5	PASS
		VH	TN	-0.26	-0.000363	± 2.5	PASS
	HCH	VL	TN	-2.72	-0.003809	± 2.5	PASS
		VN	TN	-2.13	-0.002987	± 2.5	PASS
		VH	TN	-2.12	-0.002967	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-0.87	-0.001235	± 2.5	PASS
		VN	-20	-2.23	-0.003159	± 2.5	PASS
		VN	-10	-0.87	-0.001235	± 2.5	PASS
		VN	0	-1.34	-0.001903	± 2.5	PASS
		VN	10	-1.04	-0.001478	± 2.5	PASS
		VN	20	-0.10	-0.000142	± 2.5	PASS
		VN	30	-0.92	-0.001296	± 2.5	PASS
		VN	40	-1.36	-0.001924	± 2.5	PASS
		VN	50	-0.16	-0.000223	± 2.5	PASS
	MCH	VN	-30	-0.30	-0.000423	± 2.5	PASS
		VN	-20	0.60	0.000846	± 2.5	PASS
		VN	-10	0.21	0.000302	± 2.5	PASS

		VN	0	-0.26	-0.000363	$\pm 2.5$	PASS
		VN	10	-1.30	-0.001833	$\pm 2.5$	PASS
		VN	20	-0.51	-0.000725	$\pm 2.5$	PASS
		VN	30	0.37	0.000524	$\pm 2.5$	PASS
		VN	40	-0.46	-0.000645	$\pm 2.5$	PASS
		VN	50	-0.16	-0.000222	$\pm 2.5$	PASS
		VN	-30	-2.05	-0.002867	$\pm 2.5$	PASS
		VN	-20	-1.60	-0.002246	$\pm 2.5$	PASS
		VN	-10	-2.26	-0.003168	$\pm 2.5$	PASS
		VN	0	-2.69	-0.003769	$\pm 2.5$	PASS
		VN	10	-2.10	-0.002947	$\pm 2.5$	PASS
		VN	20	-0.97	-0.001363	$\pm 2.5$	PASS
		VN	30	-1.69	-0.002366	$\pm 2.5$	PASS
		VN	40	-2.59	-0.003629	$\pm 2.5$	PASS
		VN	50	-1.70	-0.002386	$\pm 2.5$	PASS
16QAM	LCH	VN	-30	-2.98	-0.004212	$\pm 2.5$	PASS
		VN	-20	-2.10	-0.002976	$\pm 2.5$	PASS
		VN	-10	-1.59	-0.002248	$\pm 2.5$	PASS
		VN	0	-0.34	-0.000486	$\pm 2.5$	PASS
		VN	10	-1.83	-0.002592	$\pm 2.5$	PASS
		VN	20	-1.95	-0.002754	$\pm 2.5$	PASS
		VN	30	-1.89	-0.002673	$\pm 2.5$	PASS
		VN	40	-1.40	-0.001984	$\pm 2.5$	PASS
		VN	50	-2.56	-0.003624	$\pm 2.5$	PASS
	MCH	VN	-30	-0.26	-0.000363	$\pm 2.5$	PASS
		VN	-20	-0.19	-0.000262	$\pm 2.5$	PASS
		VN	-10	-0.94	-0.001330	$\pm 2.5$	PASS
		VN	0	-0.19	-0.000262	$\pm 2.5$	PASS
		VN	10	-1.43	-0.002015	$\pm 2.5$	PASS
		VN	20	-0.70	-0.000987	$\pm 2.5$	PASS
		VN	30	-0.53	-0.000745	$\pm 2.5$	PASS
		VN	40	-1.27	-0.001793	$\pm 2.5$	PASS
		VN	50	0.06	0.000081	$\pm 2.5$	PASS
	HCH	VN	-30	-2.47	-0.003469	$\pm 2.5$	PASS
		VN	-20	-2.26	-0.003168	$\pm 2.5$	PASS
		VN	-10	-2.49	-0.003489	$\pm 2.5$	PASS
		VN	0	-3.52	-0.004932	$\pm 2.5$	PASS
		VN	10	-2.02	-0.002827	$\pm 2.5$	PASS
		VN	20	-2.92	-0.004090	$\pm 2.5$	PASS
		VN	30	-2.78	-0.003890	$\pm 2.5$	PASS
		VN	40	-2.65	-0.003709	$\pm 2.5$	PASS
		VN	50	-2.72	-0.003809	$\pm 2.5$	PASS

### Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict

QPSK	LCH	VL	TN	-1.19	-0.001675	$\pm 2.5$	PASS
		VN	TN	-1.02	-0.001433	$\pm 2.5$	PASS
		VH	TN	-2.05	-0.002885	$\pm 2.5$	PASS
	MCH	VL	TN	-1.10	-0.001551	$\pm 2.5$	PASS
		VN	TN	0.30	0.000423	$\pm 2.5$	PASS
		VH	TN	0.86	0.001209	$\pm 2.5$	PASS
	HCH	VL	TN	-0.57	-0.000805	$\pm 2.5$	PASS
		VN	TN	-1.14	-0.001610	$\pm 2.5$	PASS
		VH	TN	-0.67	-0.000946	$\pm 2.5$	PASS
16QAM	LCH	VL	TN	-1.14	-0.001614	$\pm 2.5$	PASS
		VN	TN	-1.90	-0.002683	$\pm 2.5$	PASS
		VH	TN	-3.30	-0.004661	$\pm 2.5$	PASS
	MCH	VL	TN	-0.49	-0.000685	$\pm 2.5$	PASS
		VN	TN	-1.67	-0.002357	$\pm 2.5$	PASS
		VH	TN	-1.07	-0.001511	$\pm 2.5$	PASS
	HCH	VL	TN	0.10	0.000141	$\pm 2.5$	PASS
		VN	TN	-1.34	-0.001891	$\pm 2.5$	PASS
		VH	TN	-0.21	-0.000302	$\pm 2.5$	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
16QAM	LCH	VN	-30	-2.68	-0.003773	$\pm 2.5$	PASS
		VN	-20	-3.33	-0.004701	$\pm 2.5$	PASS
		VN	-10	-2.33	-0.003289	$\pm 2.5$	PASS
		VN	0	-0.77	-0.001090	$\pm 2.5$	PASS
		VN	10	-2.12	-0.002986	$\pm 2.5$	PASS
		VN	20	-1.54	-0.002179	$\pm 2.5$	PASS
		VN	30	-2.06	-0.002905	$\pm 2.5$	PASS
		VN	40	-1.93	-0.002724	$\pm 2.5$	PASS
		VN	50	-2.20	-0.003107	$\pm 2.5$	PASS
	MCH	VN	-30	-0.44	-0.000625	$\pm 2.5$	PASS
		VN	-20	1.00	0.001410	$\pm 2.5$	PASS
		VN	-10	-0.10	-0.000141	$\pm 2.5$	PASS
		VN	0	1.42	0.001995	$\pm 2.5$	PASS
		VN	10	-0.36	-0.000504	$\pm 2.5$	PASS
		VN	20	-0.09	-0.000121	$\pm 2.5$	PASS
		VN	30	0.63	0.000887	$\pm 2.5$	PASS
		VN	40	-0.29	-0.000403	$\pm 2.5$	PASS
		VN	50	-0.54	-0.000766	$\pm 2.5$	PASS
	HCH	VN	-30	-0.89	-0.001247	$\pm 2.5$	PASS
		VN	-20	-0.27	-0.000382	$\pm 2.5$	PASS
		VN	-10	-0.17	-0.000241	$\pm 2.5$	PASS
		VN	0	-0.29	-0.000402	$\pm 2.5$	PASS
		VN	10	-0.84	-0.001187	$\pm 2.5$	PASS
		VN	20	-1.39	-0.001952	$\pm 2.5$	PASS
		VN	30	-0.84	-0.001187	$\pm 2.5$	PASS
		VN	40	-0.27	-0.000382	$\pm 2.5$	PASS
		VN	50	-1.79	-0.002515	$\pm 2.5$	PASS
QPSK	LCH	VN	-30	-1.77	-0.002502	$\pm 2.5$	PASS
		VN	-20	-2.06	-0.002905	$\pm 2.5$	PASS

	VN	-10	-2.75	-0.003874	$\pm 2.5$	PASS
		0	-2.65	-0.003733	$\pm 2.5$	PASS
		10	-1.04	-0.001473	$\pm 2.5$	PASS
		20	-2.49	-0.003511	$\pm 2.5$	PASS
		30	-3.38	-0.004762	$\pm 2.5$	PASS
		40	-2.76	-0.003894	$\pm 2.5$	PASS
		50	-1.87	-0.002643	$\pm 2.5$	PASS
	MCH	-30	-0.54	-0.000766	$\pm 2.5$	PASS
		-20	-2.42	-0.003405	$\pm 2.5$	PASS
		-10	-1.06	-0.001491	$\pm 2.5$	PASS
		0	-0.93	-0.001310	$\pm 2.5$	PASS
		10	-2.02	-0.002841	$\pm 2.5$	PASS
		20	-1.20	-0.001692	$\pm 2.5$	PASS
		30	-0.50	-0.000705	$\pm 2.5$	PASS
		40	-0.99	-0.001390	$\pm 2.5$	PASS
		50	0.16	0.000222	$\pm 2.5$	PASS
	HCH	-30	-1.37	-0.001931	$\pm 2.5$	PASS
		-20	0.40	0.000563	$\pm 2.5$	PASS
		-10	0.60	0.000845	$\pm 2.5$	PASS
		0	-1.42	-0.001992	$\pm 2.5$	PASS
		10	0.63	0.000885	$\pm 2.5$	PASS
		20	-0.80	-0.001127	$\pm 2.5$	PASS
		30	-0.93	-0.001308	$\pm 2.5$	PASS
		40	-0.87	-0.001227	$\pm 2.5$	PASS
		50	-0.17	-0.000241	$\pm 2.5$	PASS