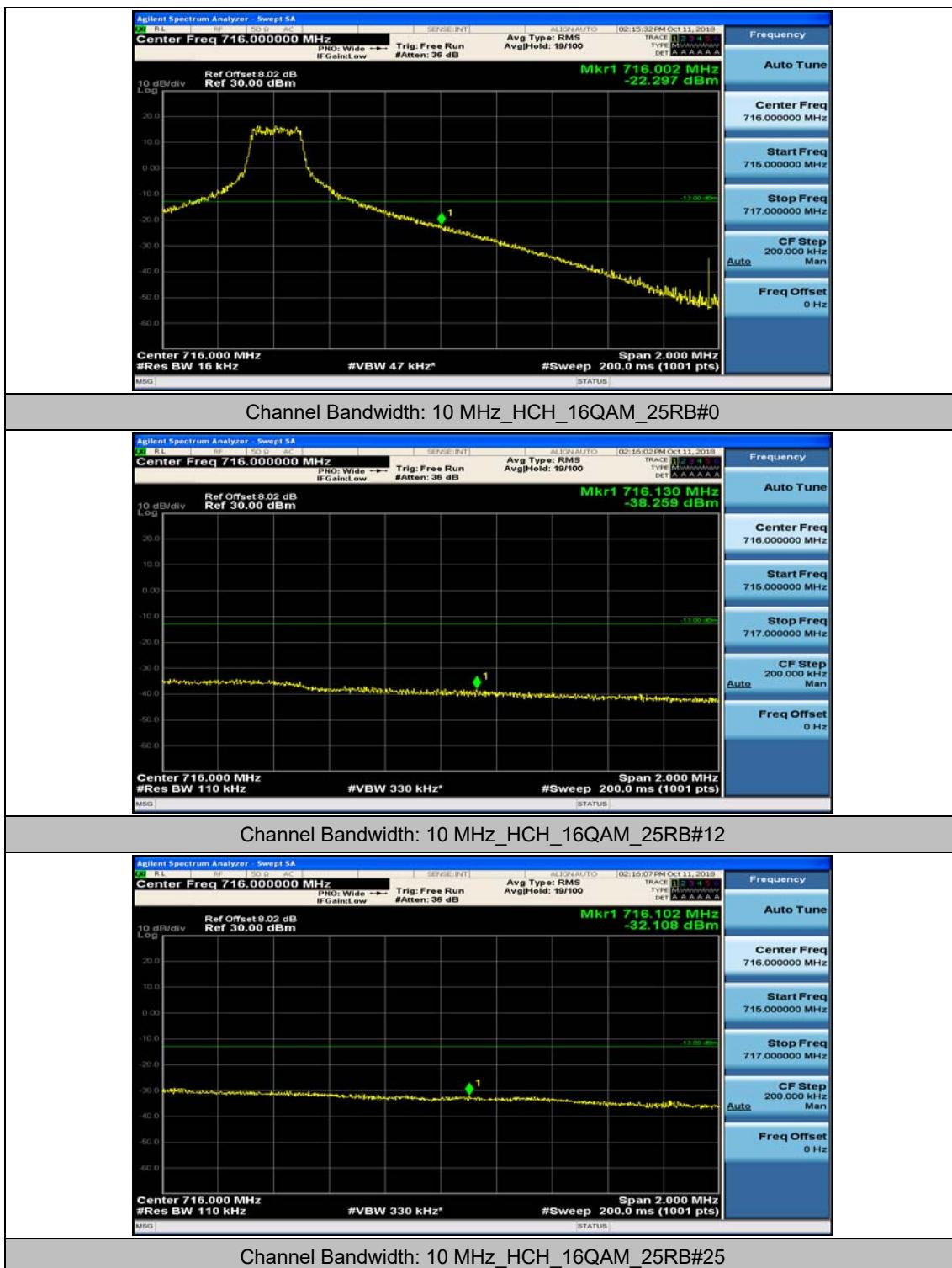
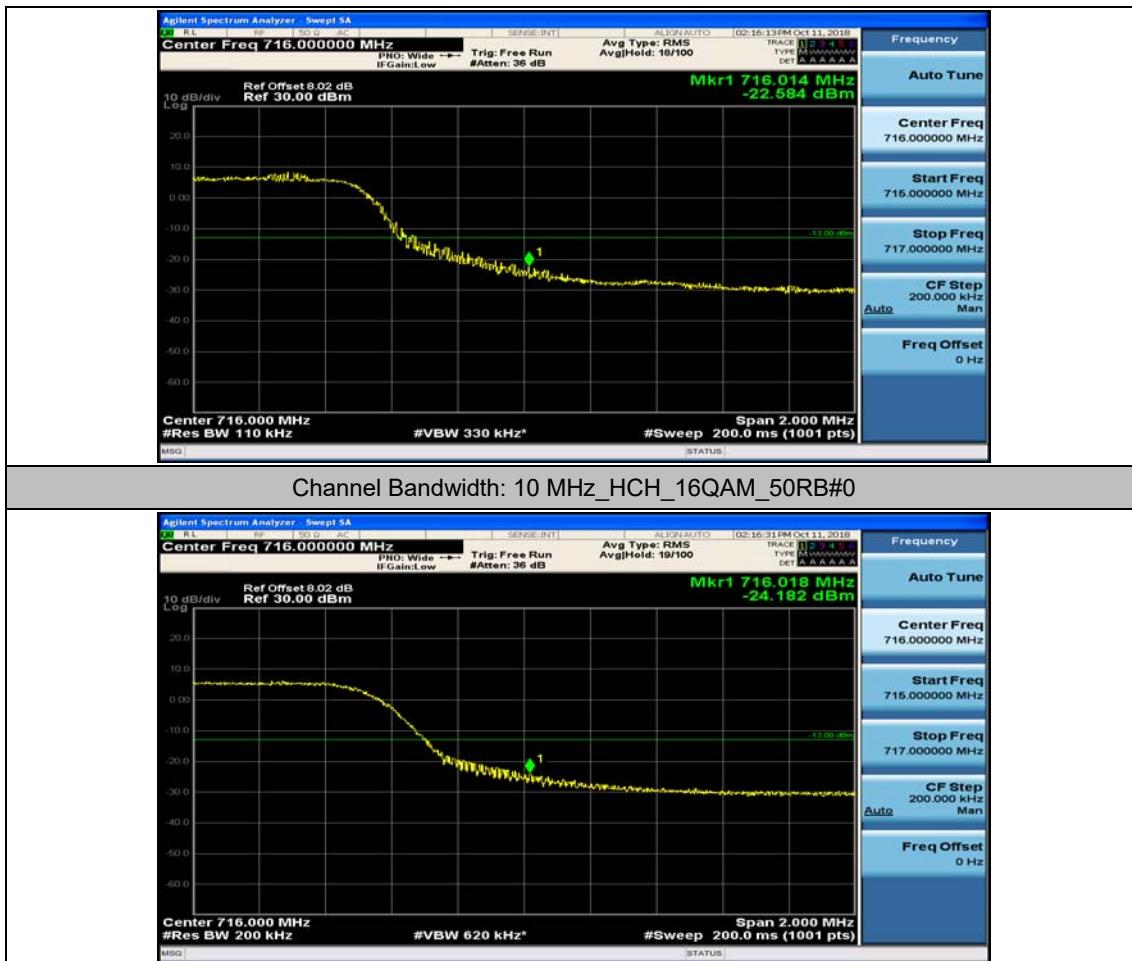


**Channel Bandwidth: 10 MHz\_HCH\_16QAM\_1RB#49**

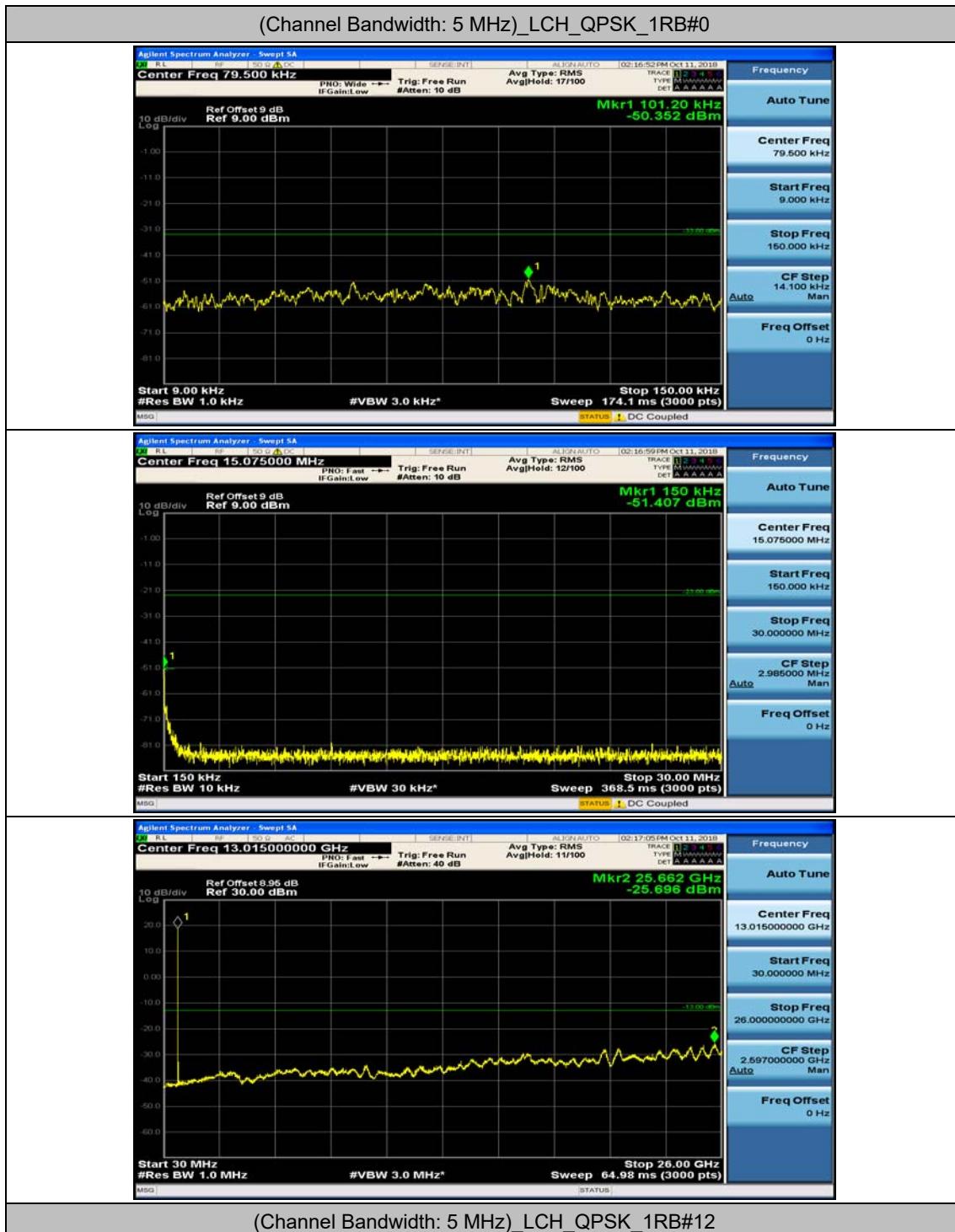


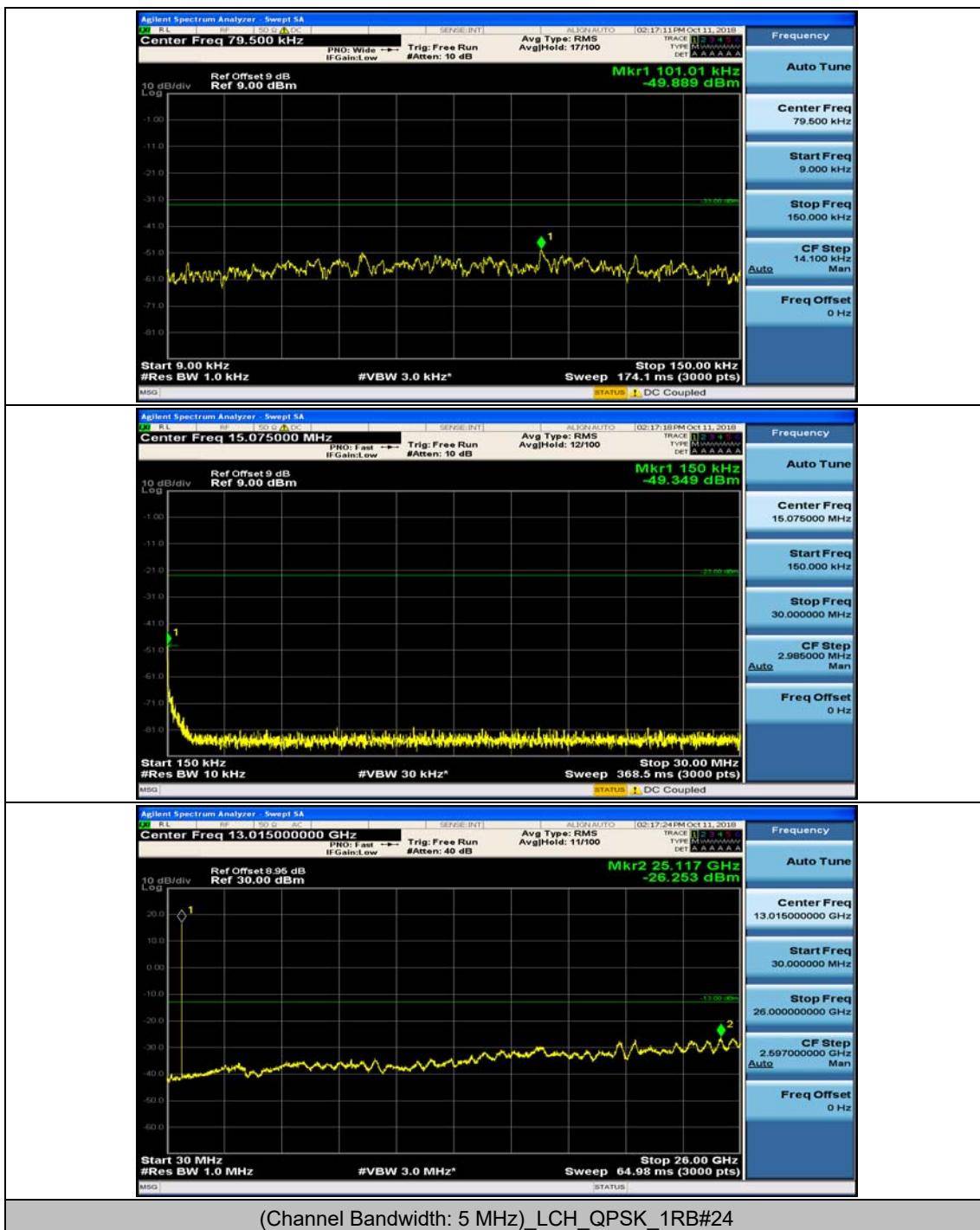


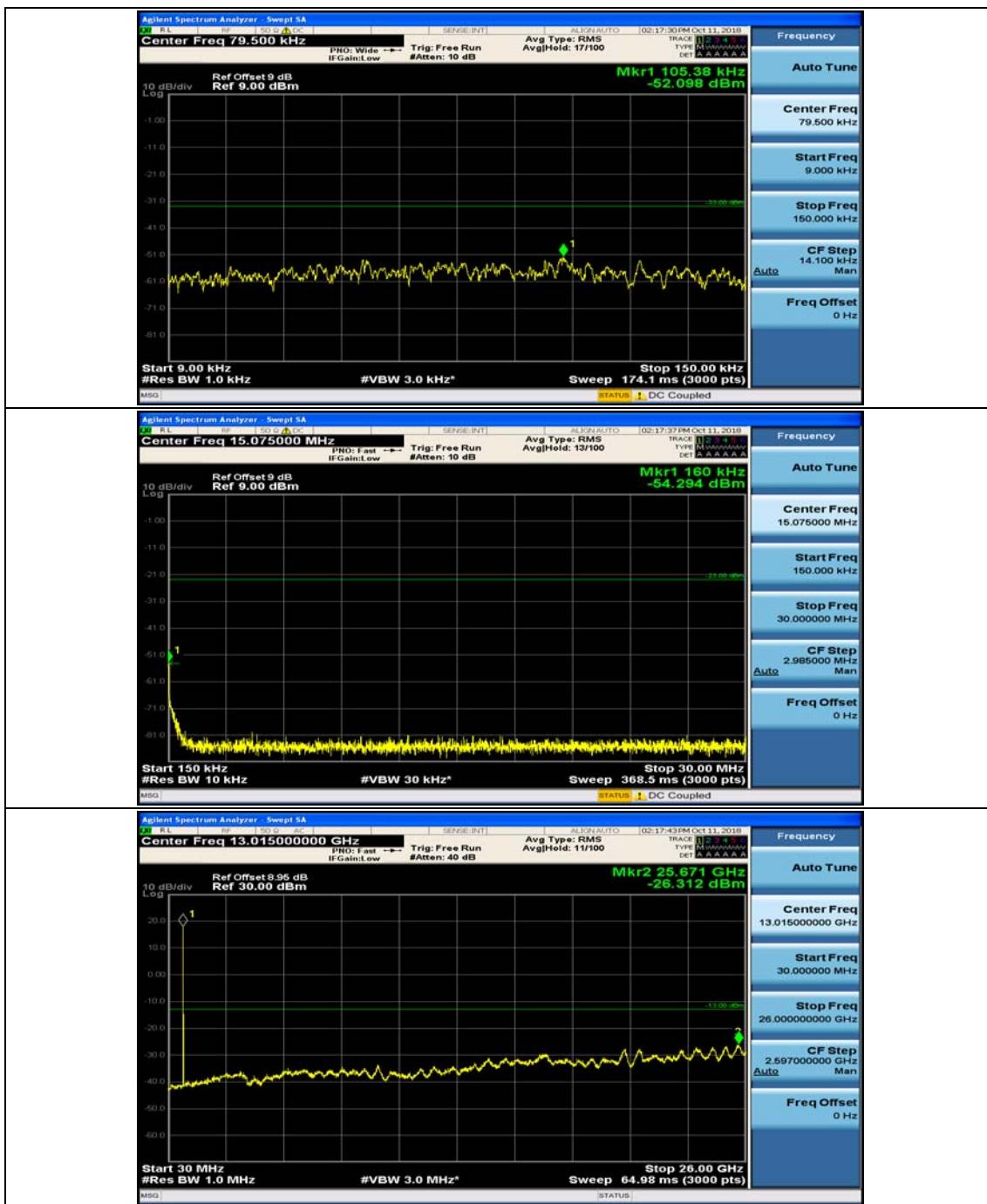
## Appendix E: Conducted Spurious Emission

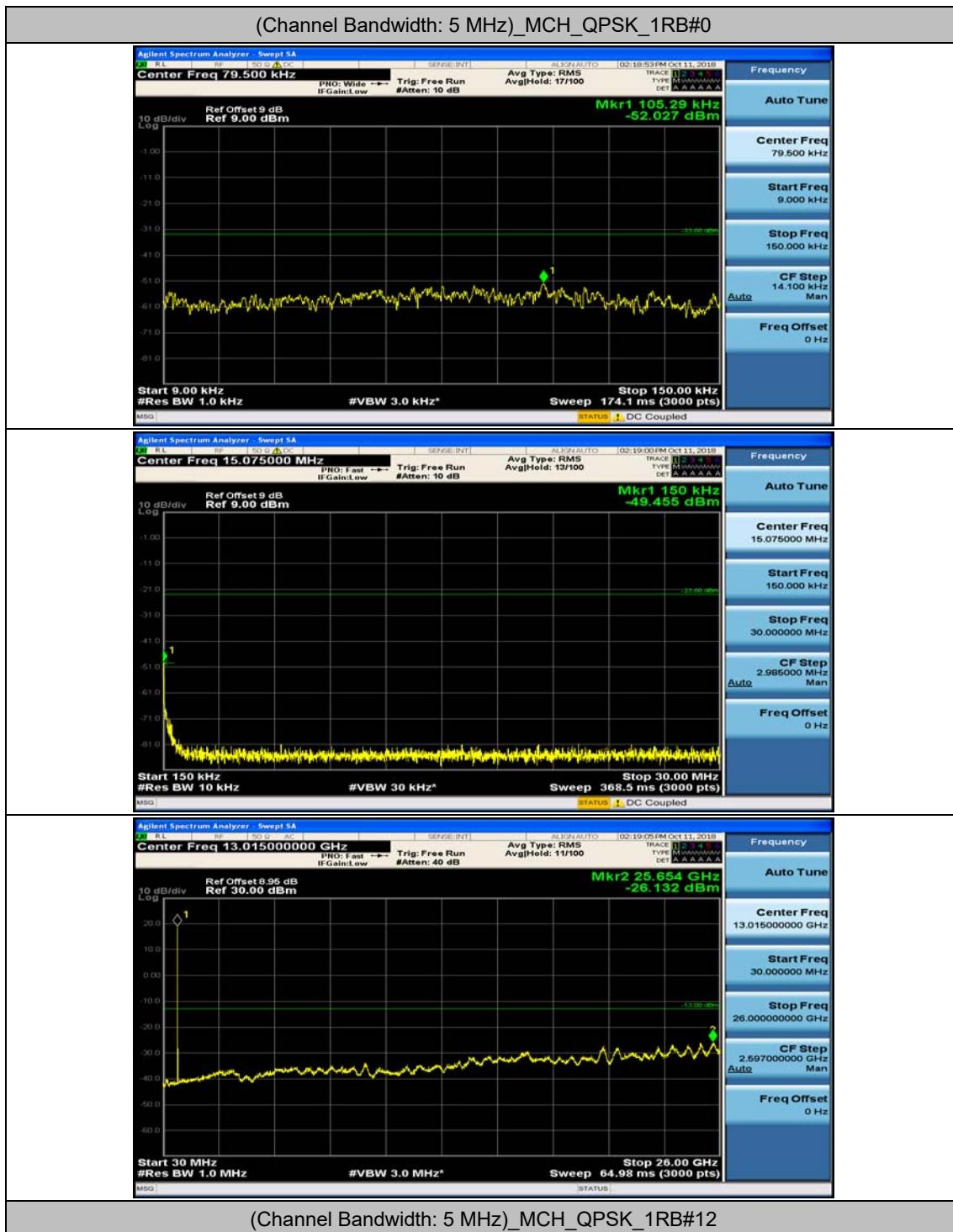
### Test Graphs

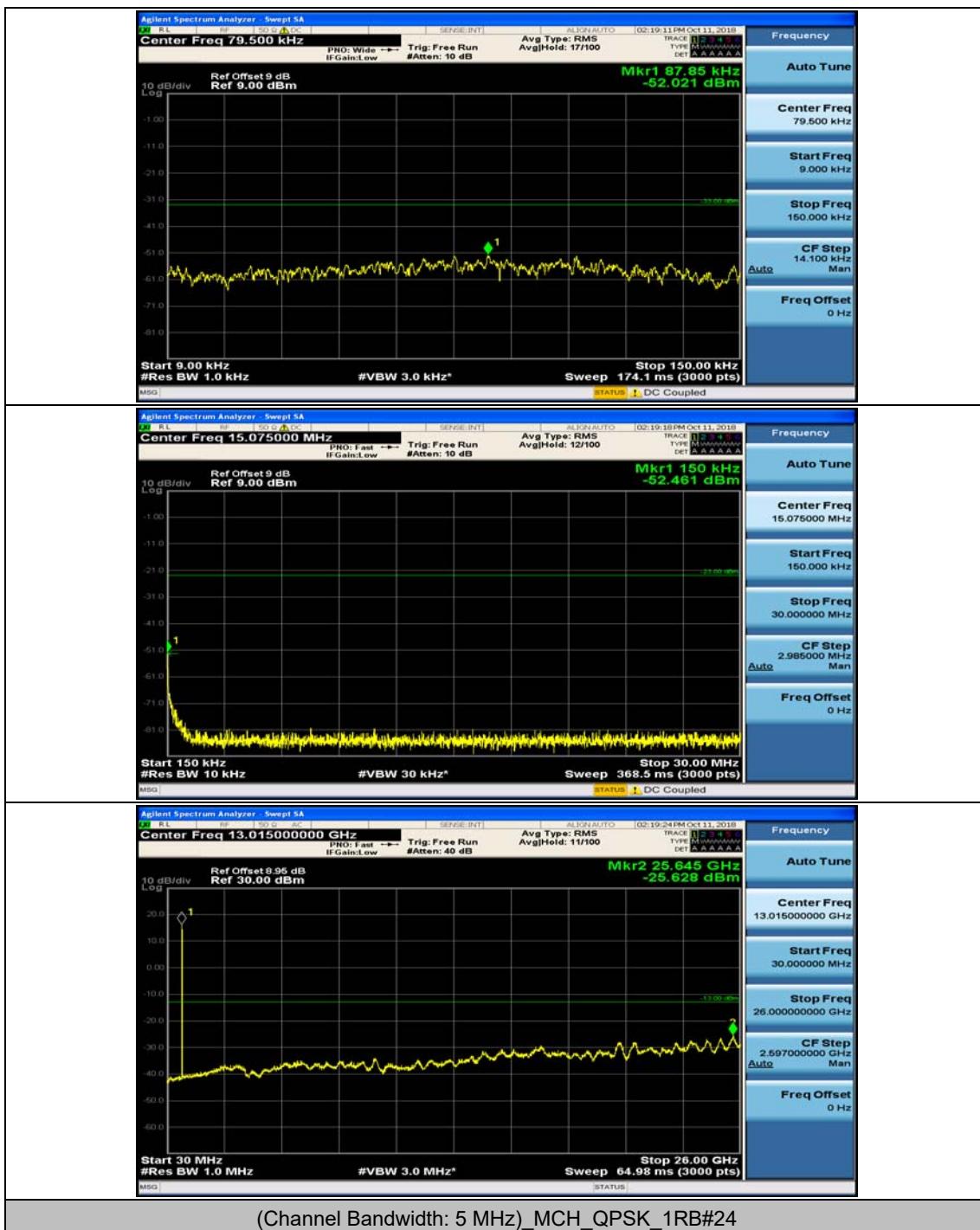
#### Channel Bandwidth: 5 MHz

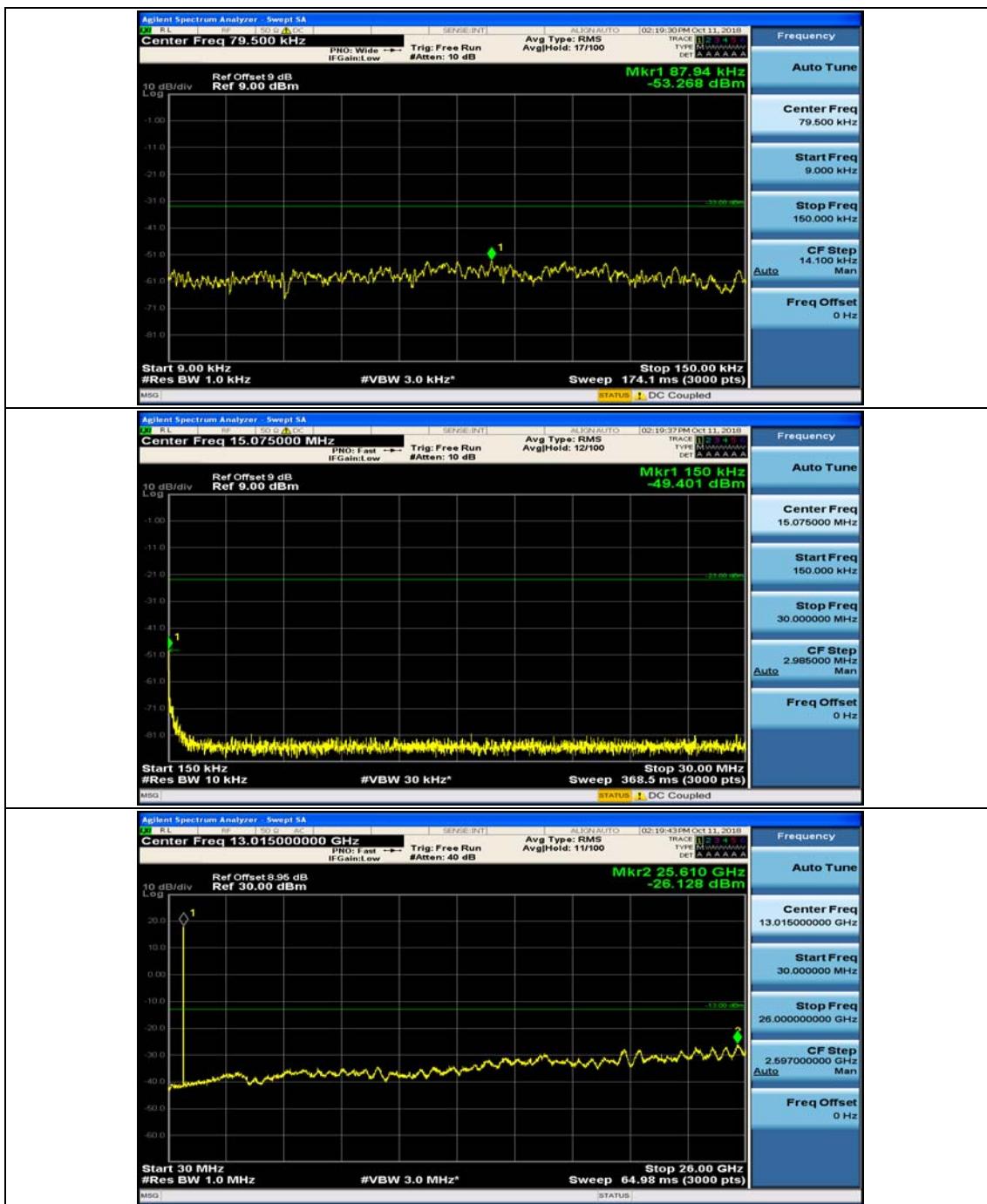


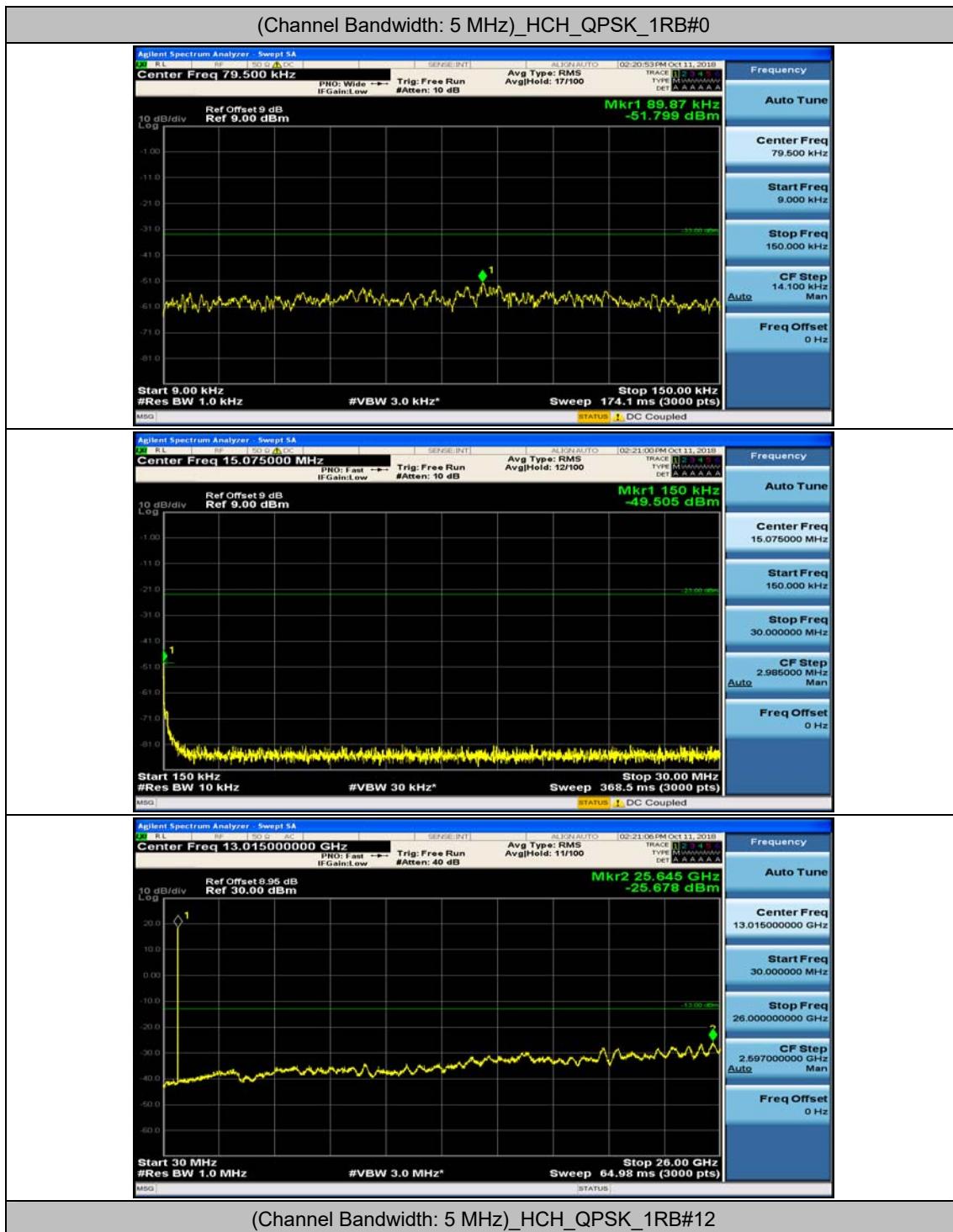


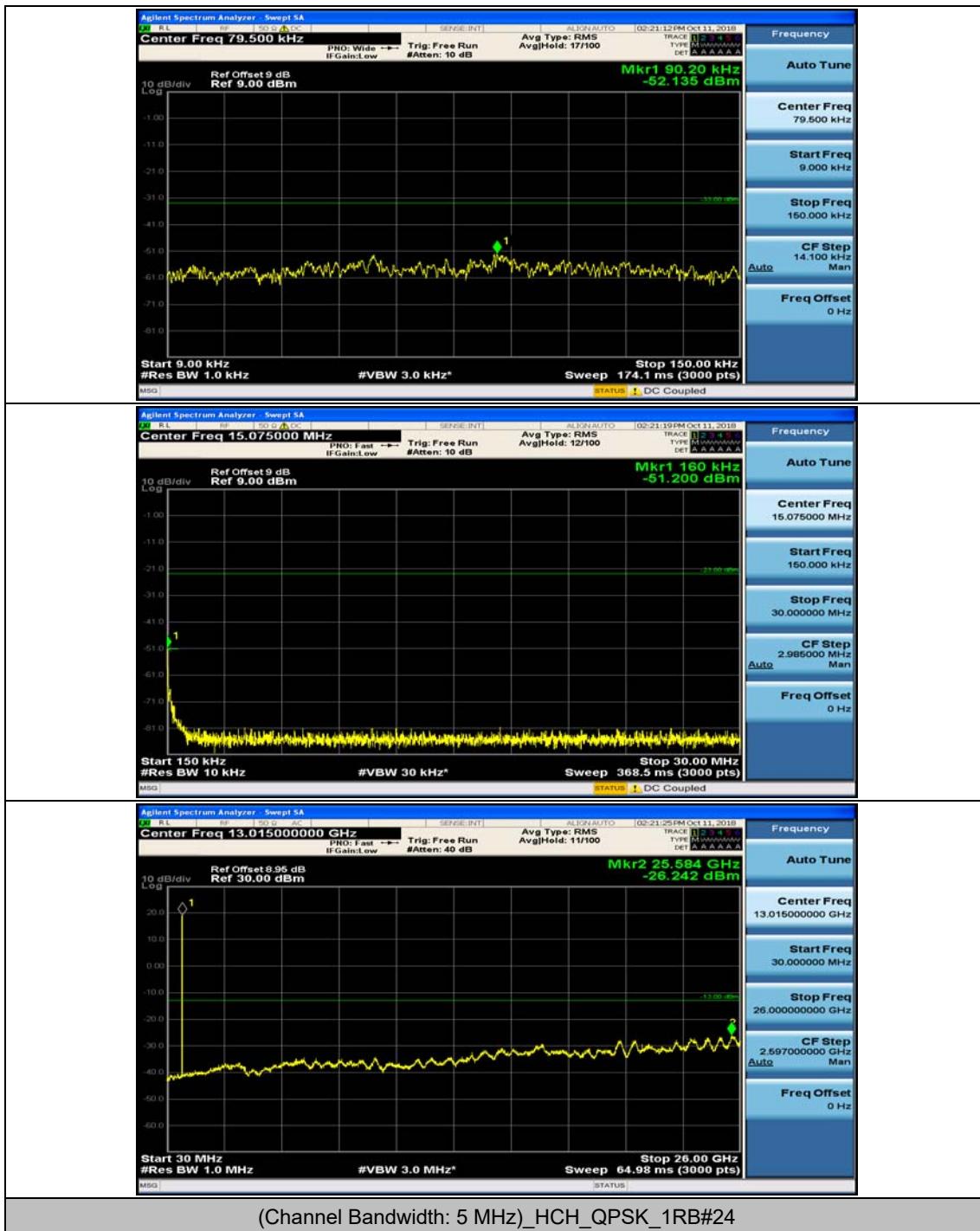


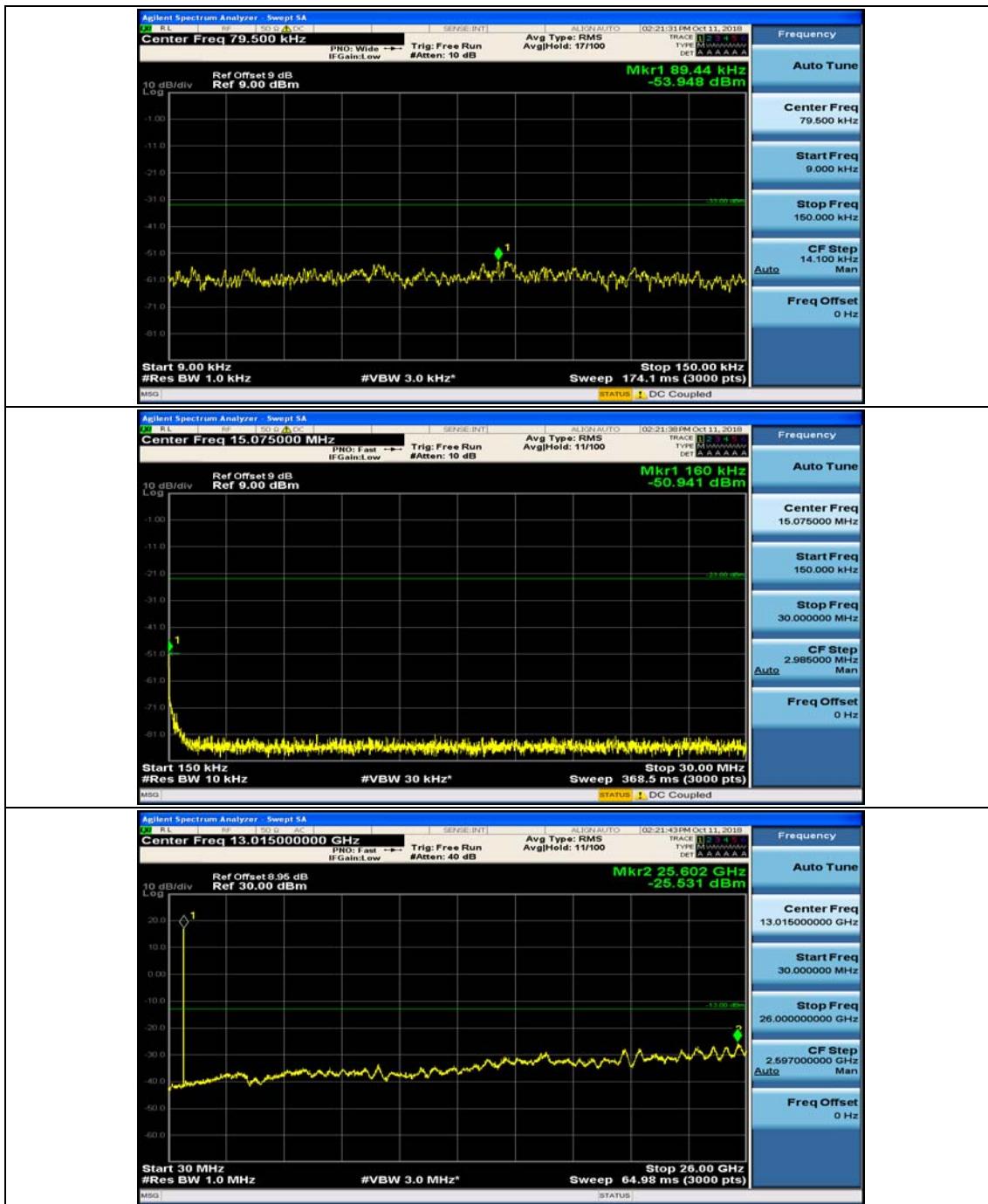


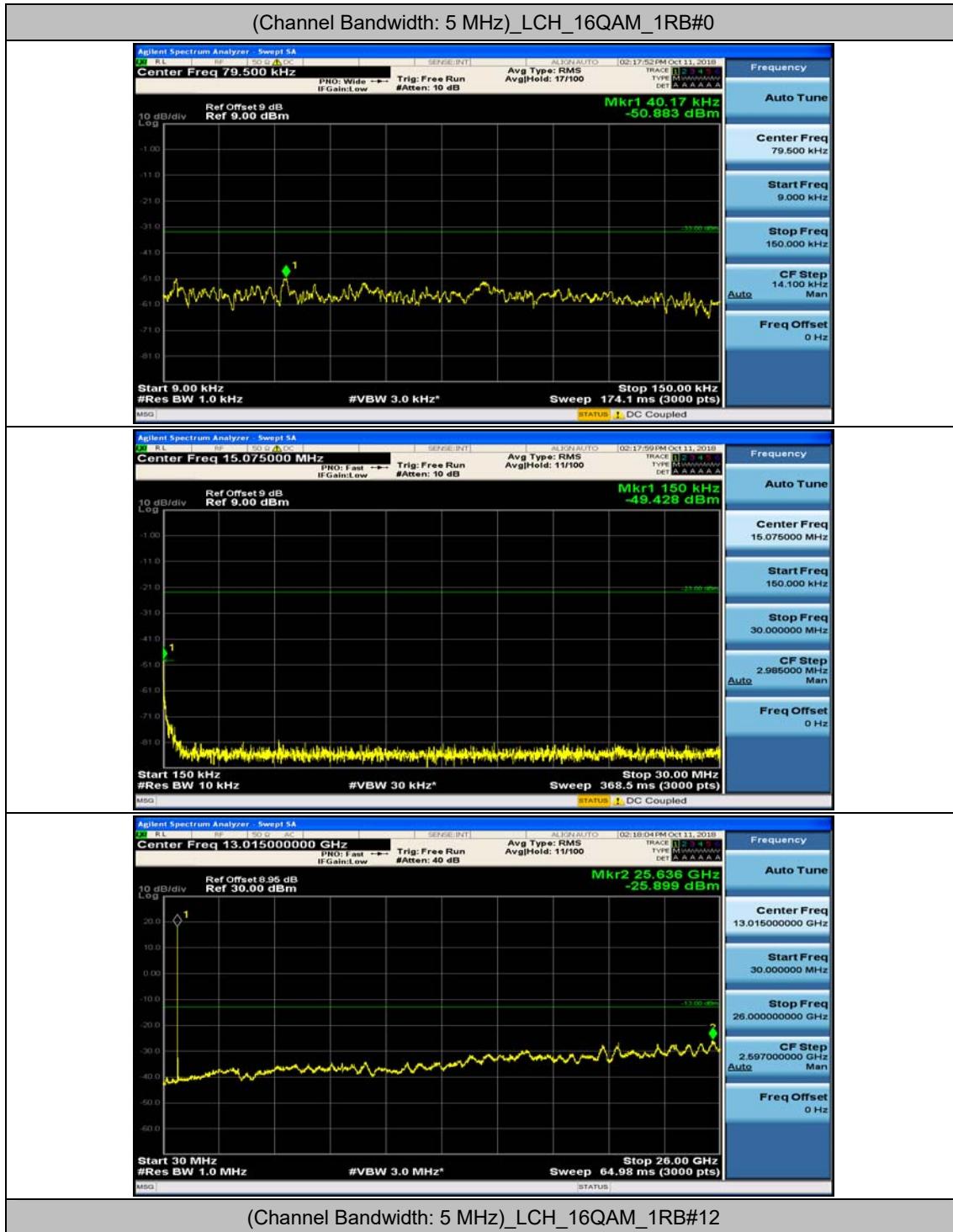


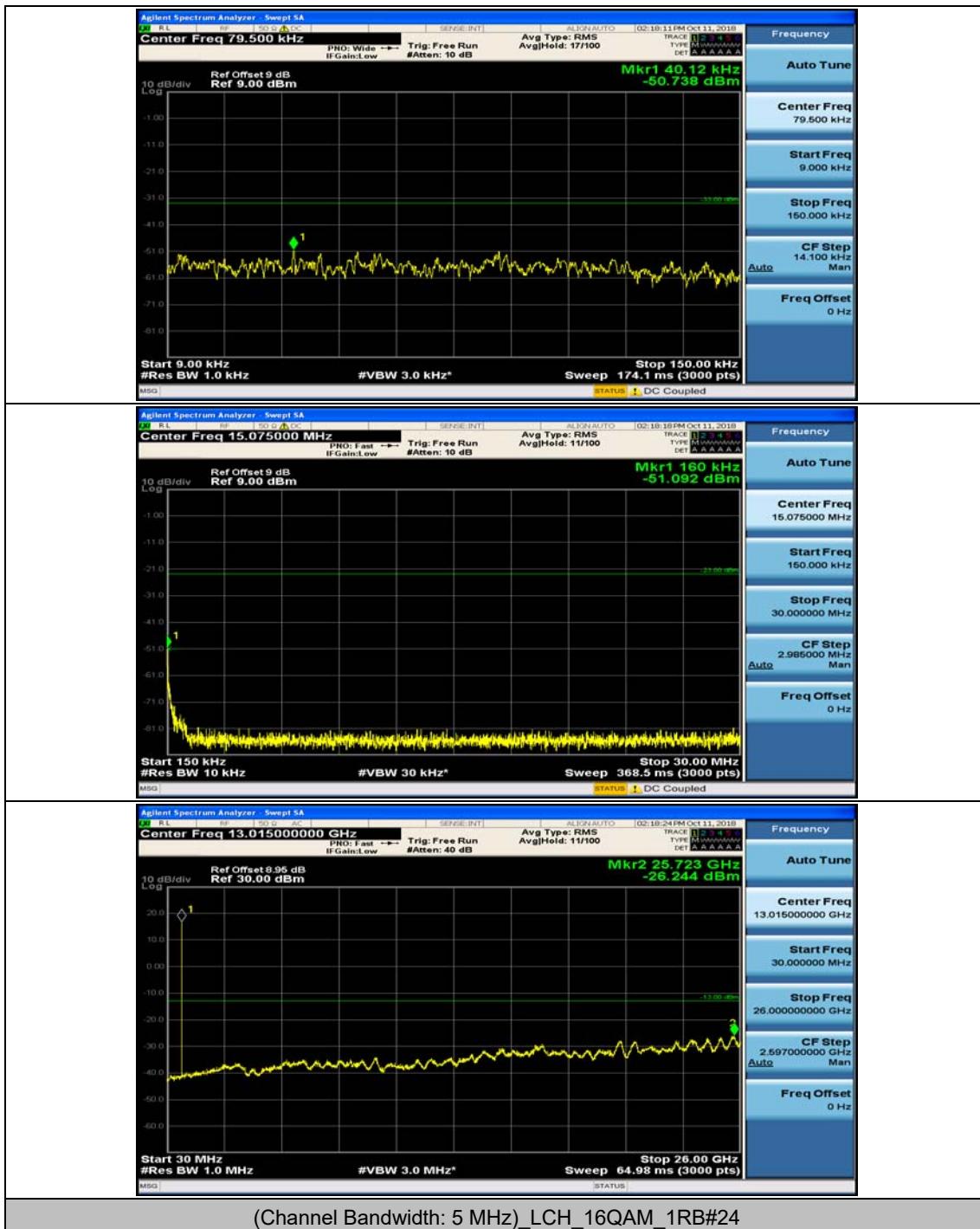


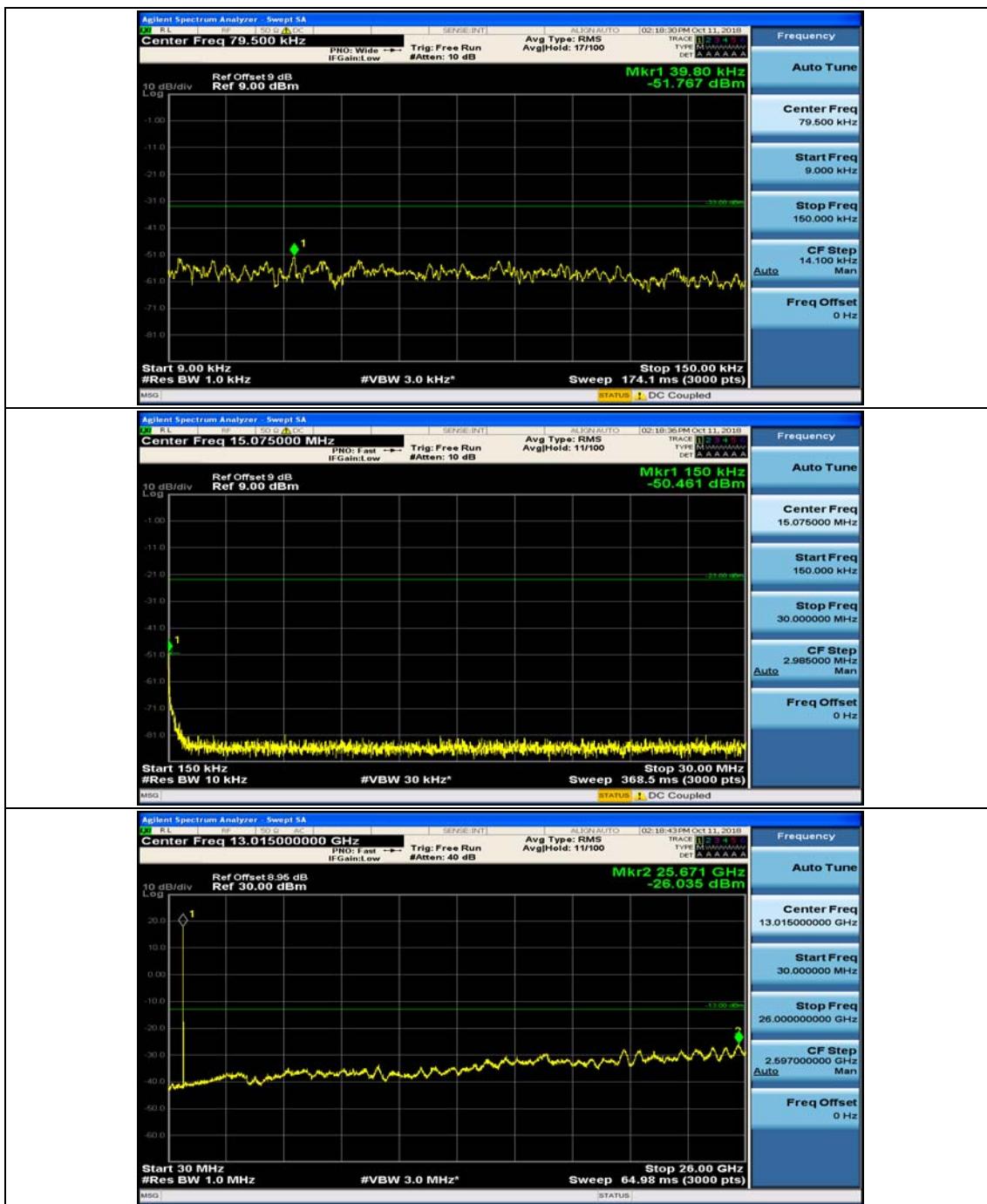


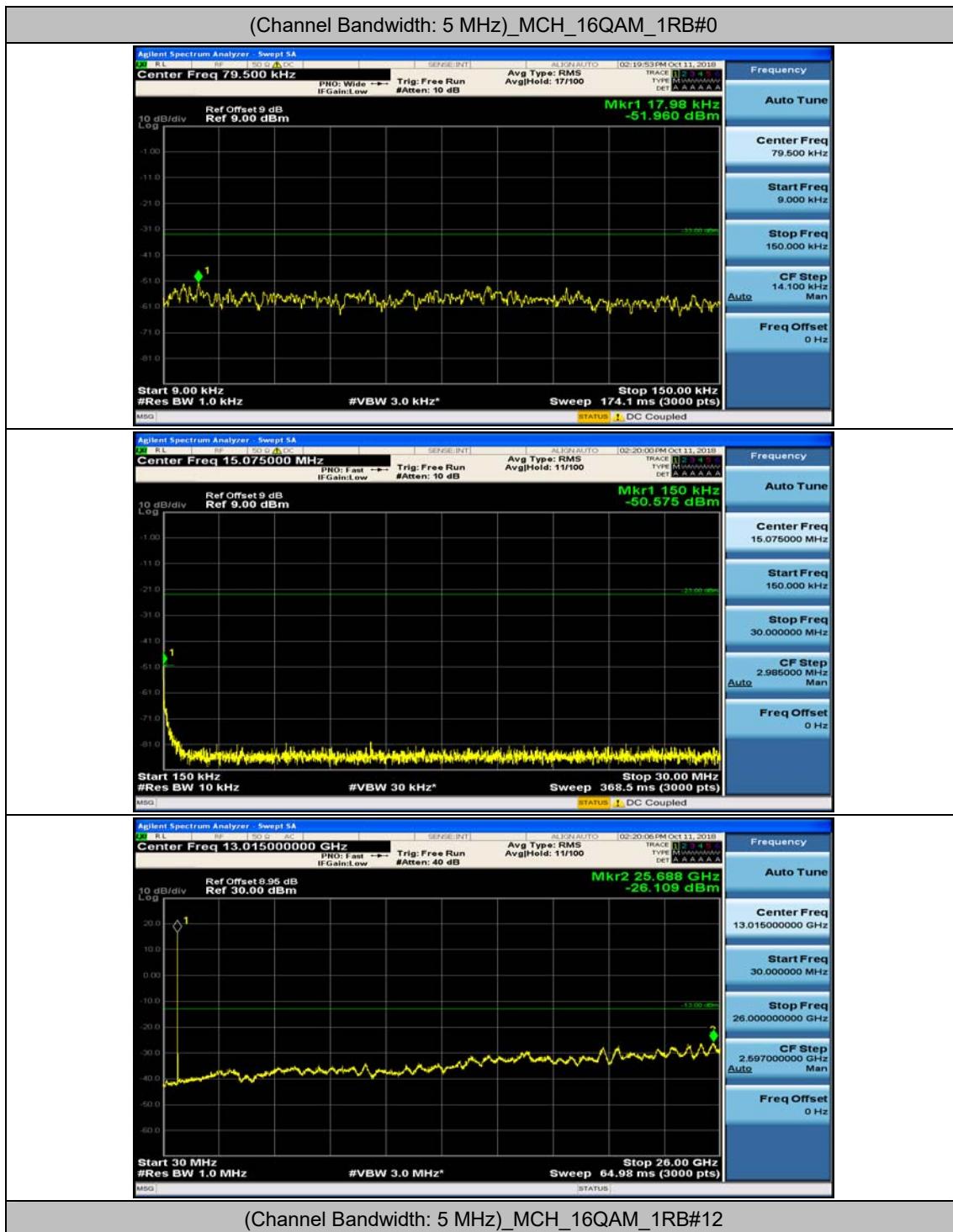


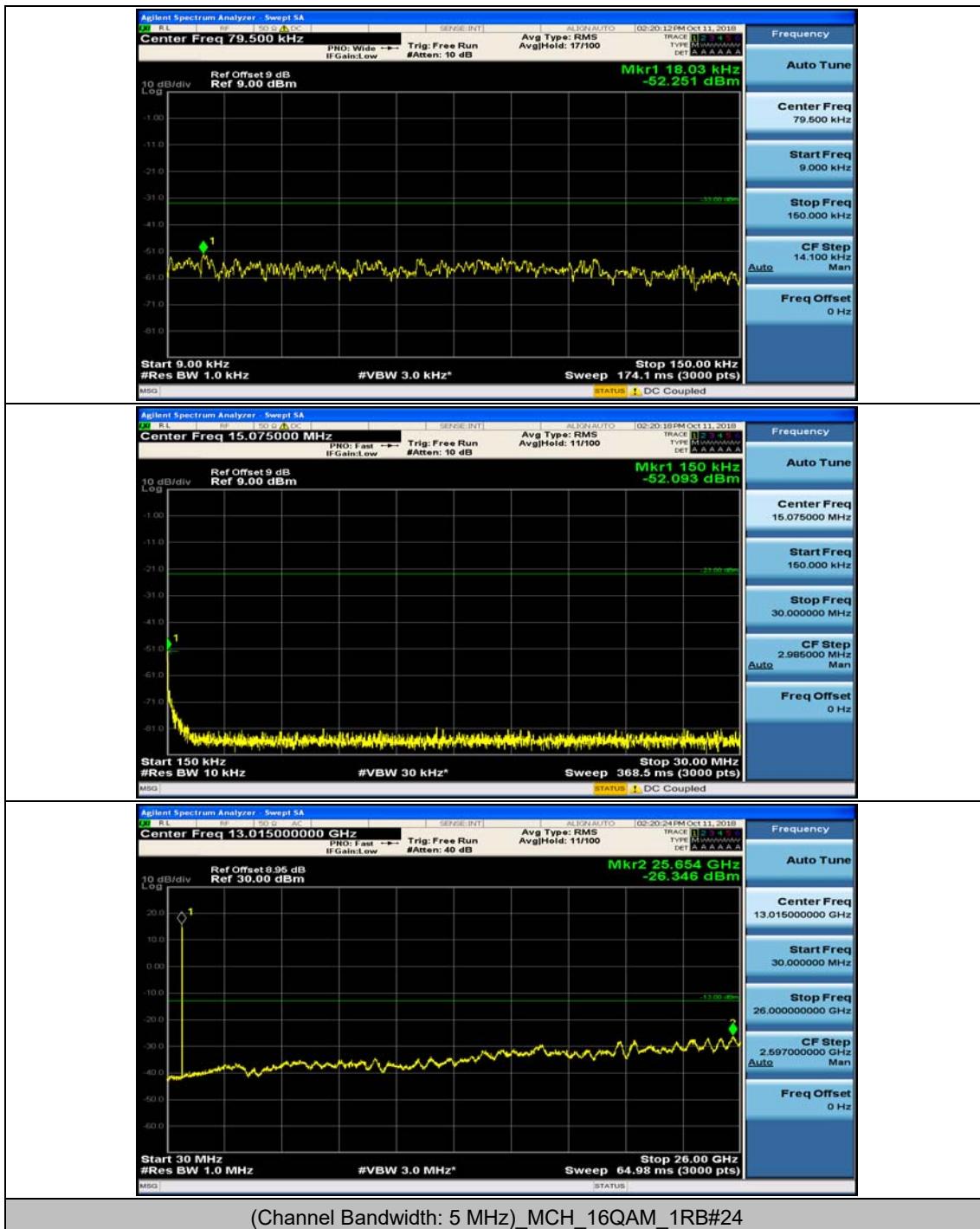


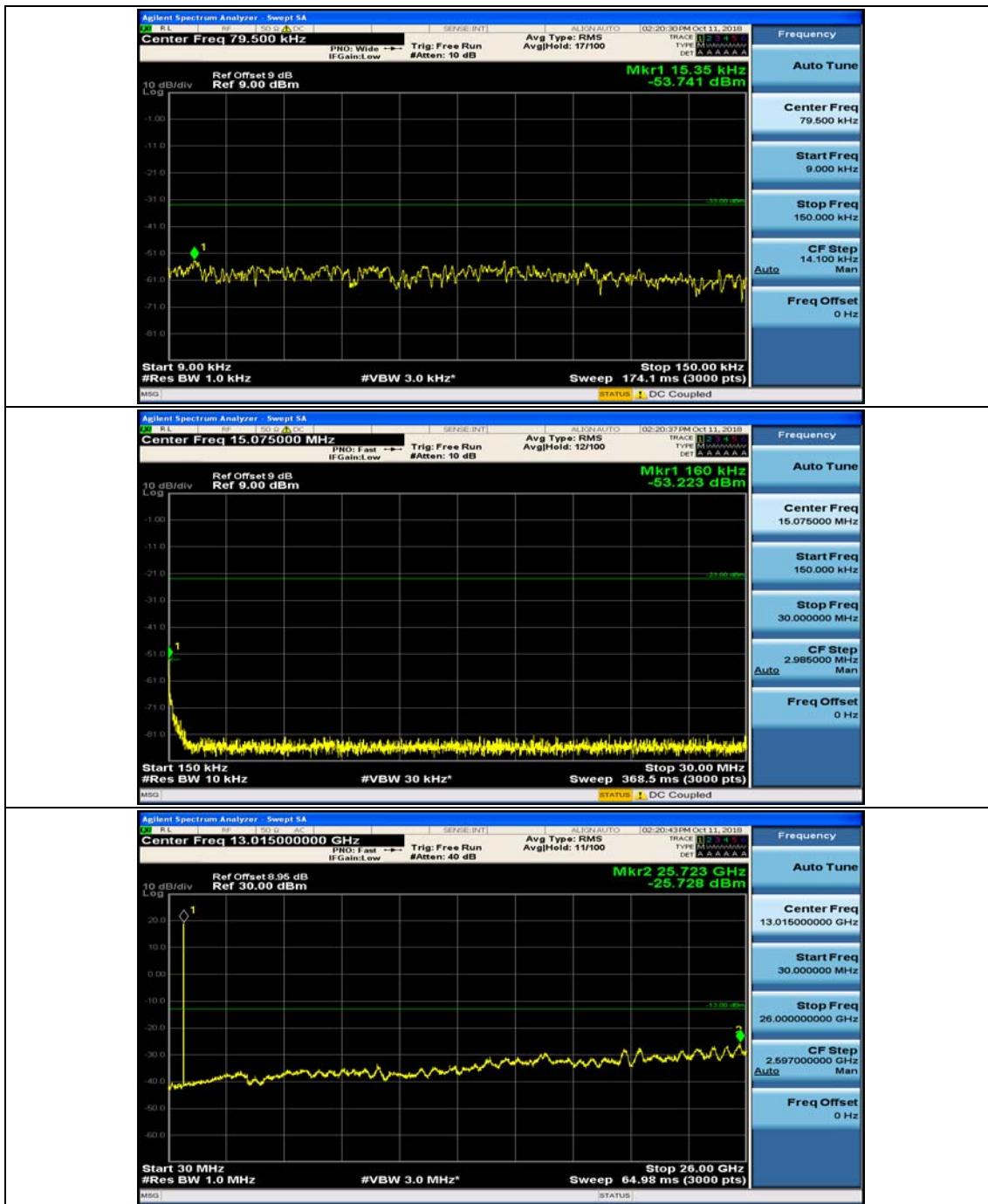


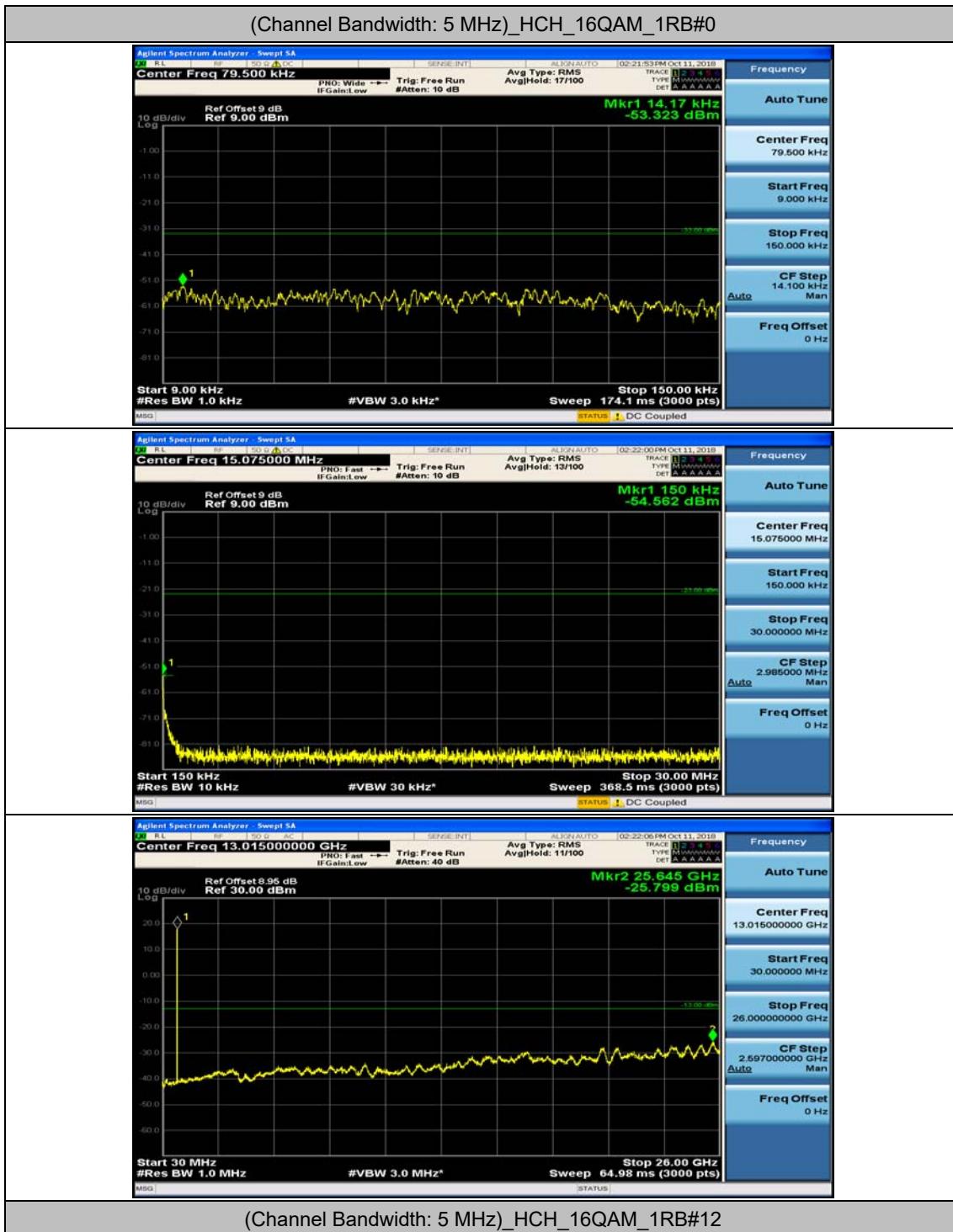


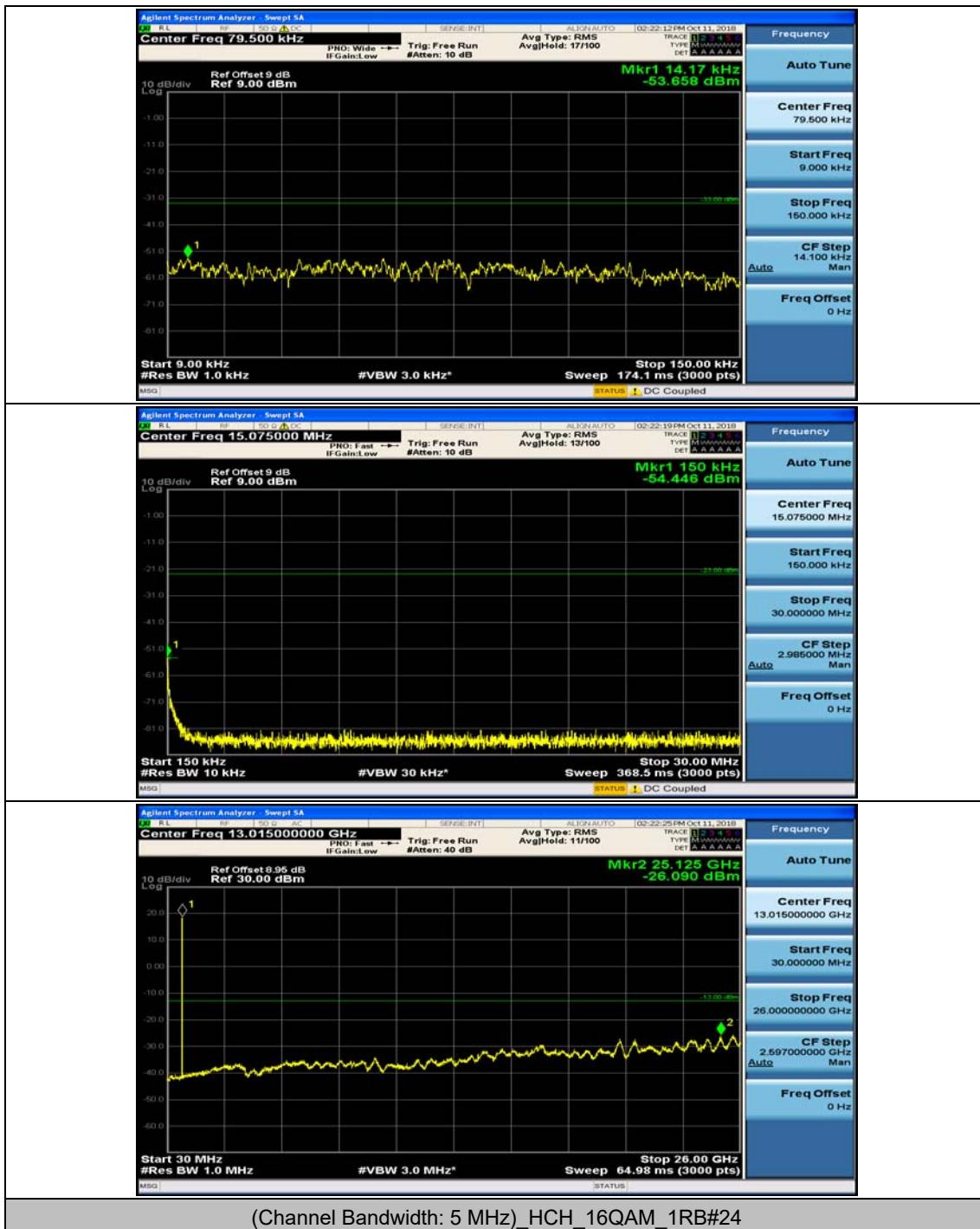


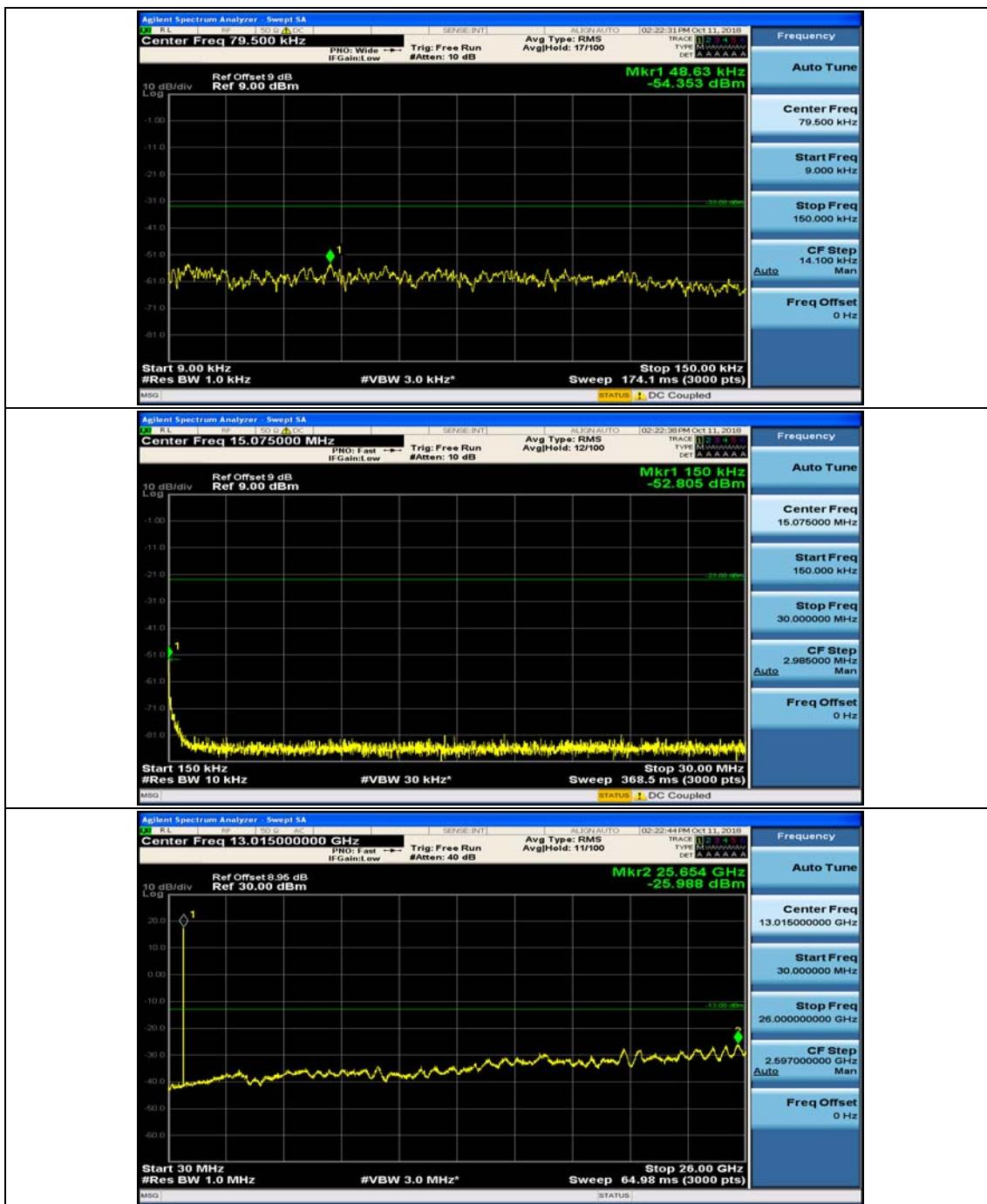




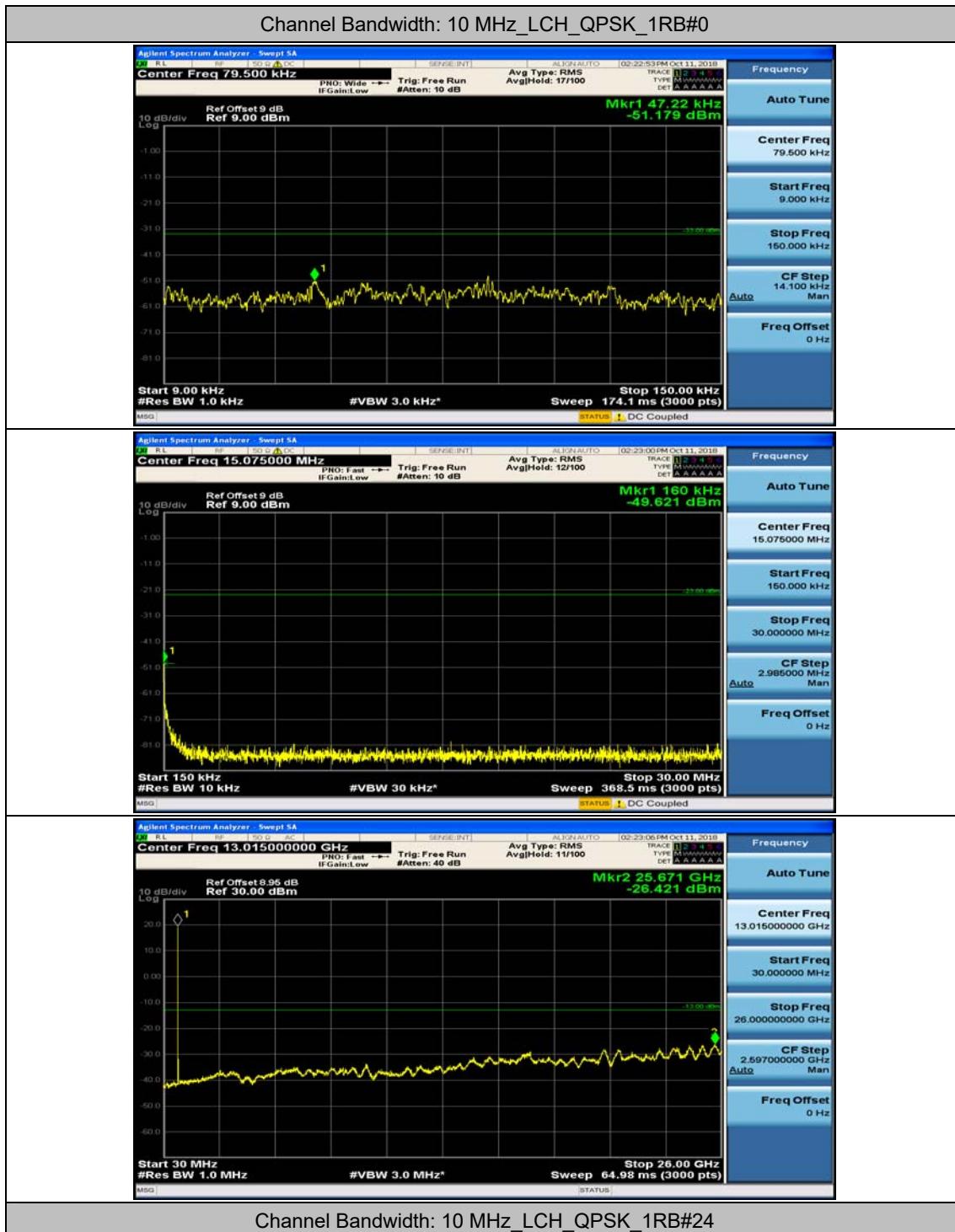


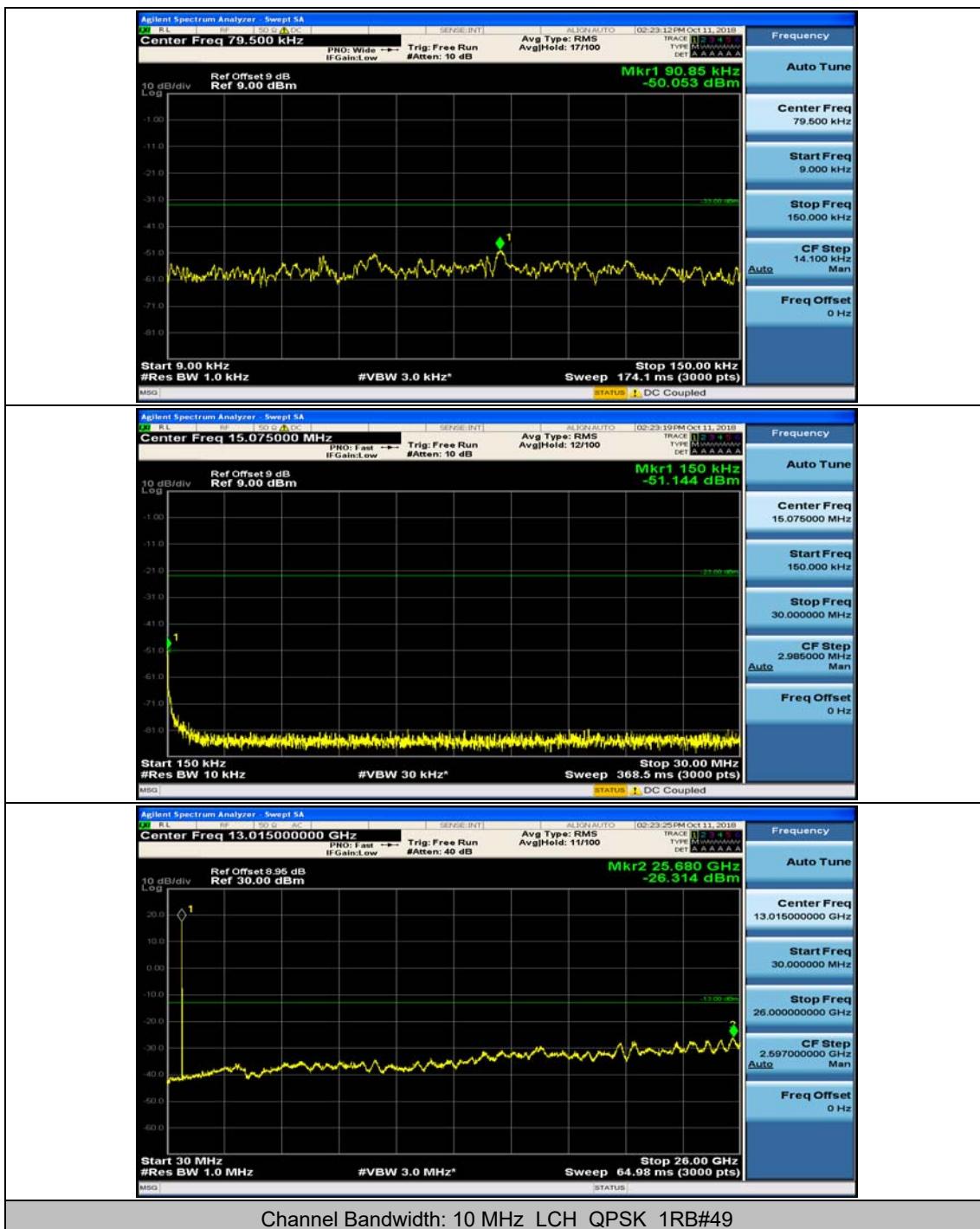


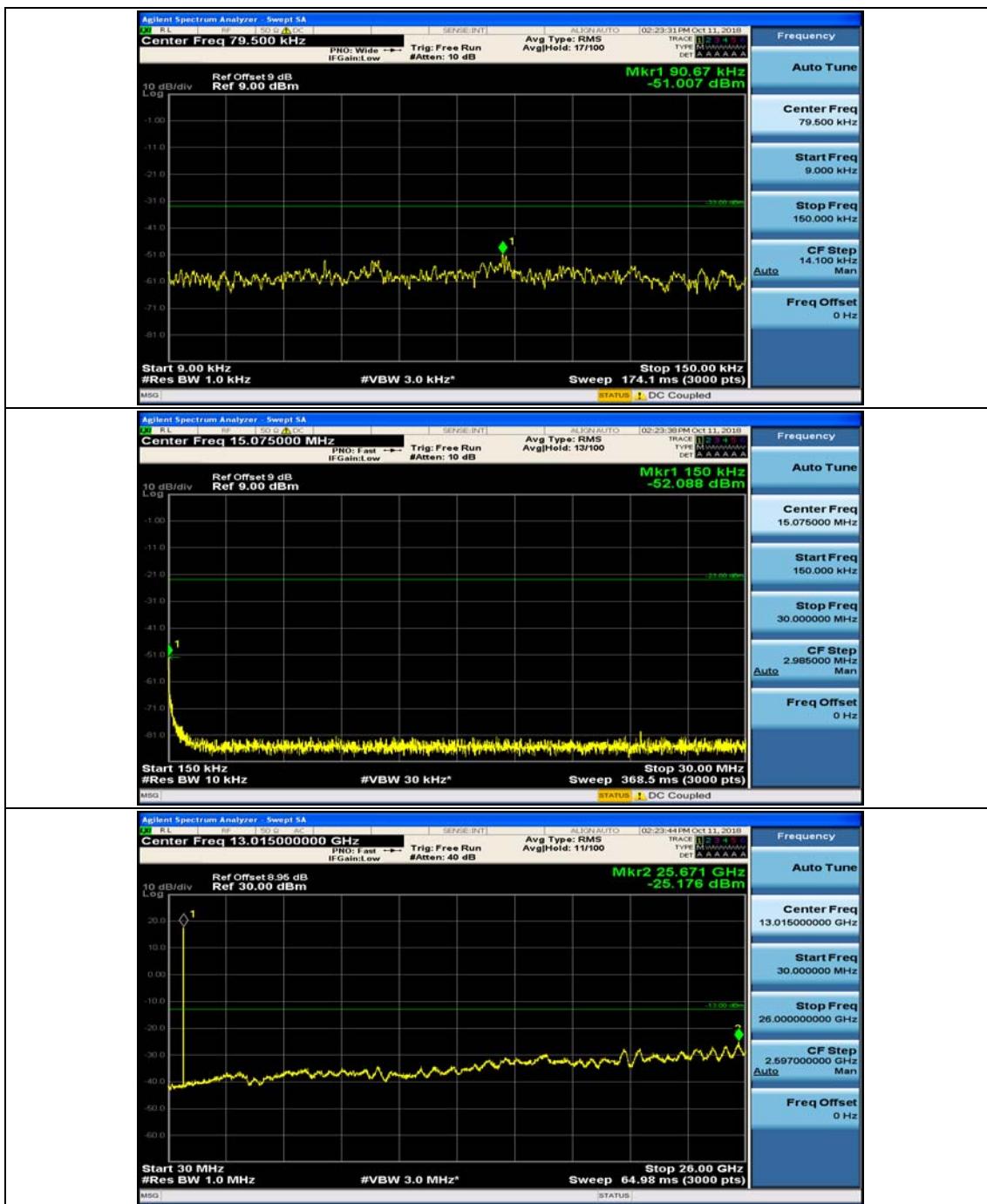


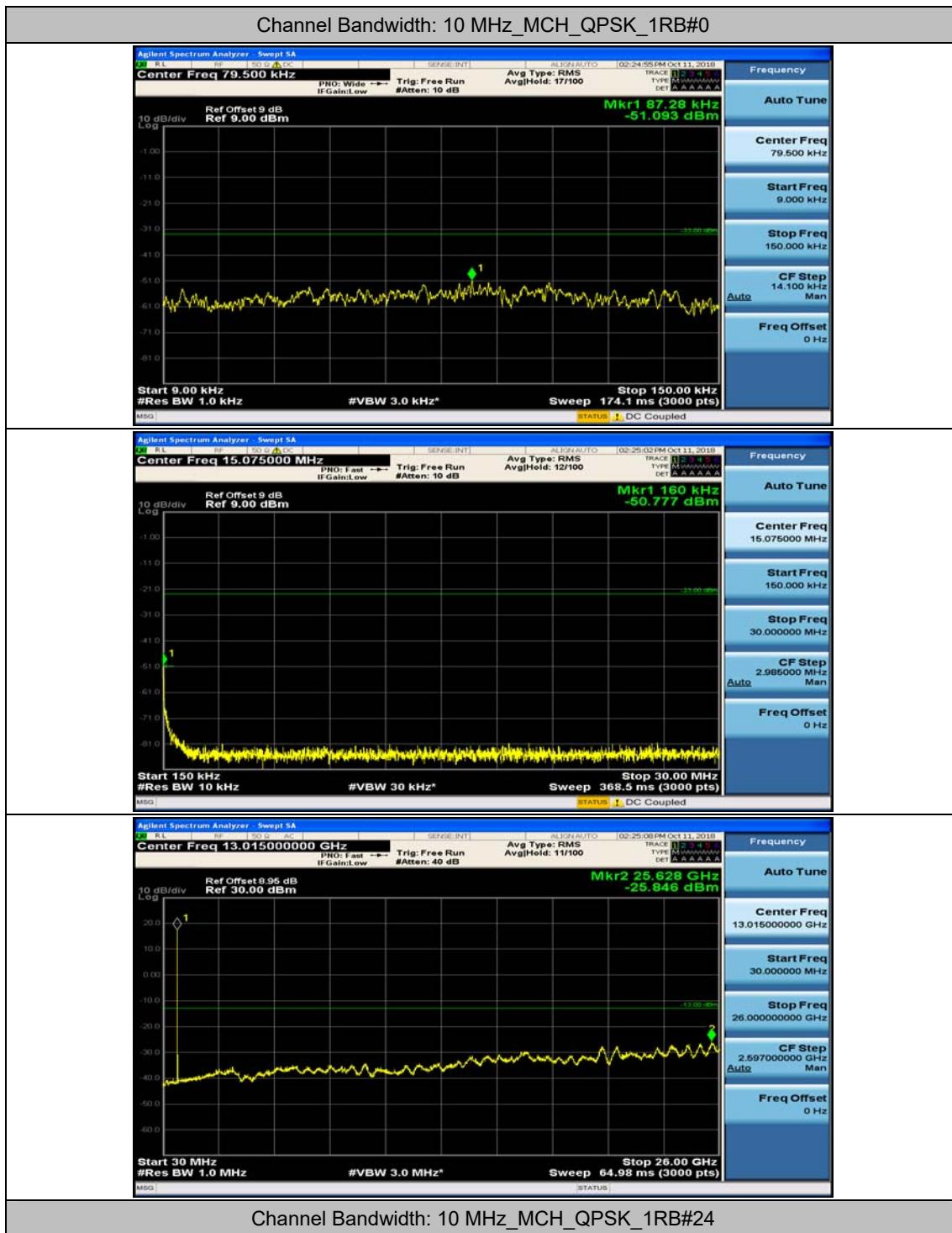


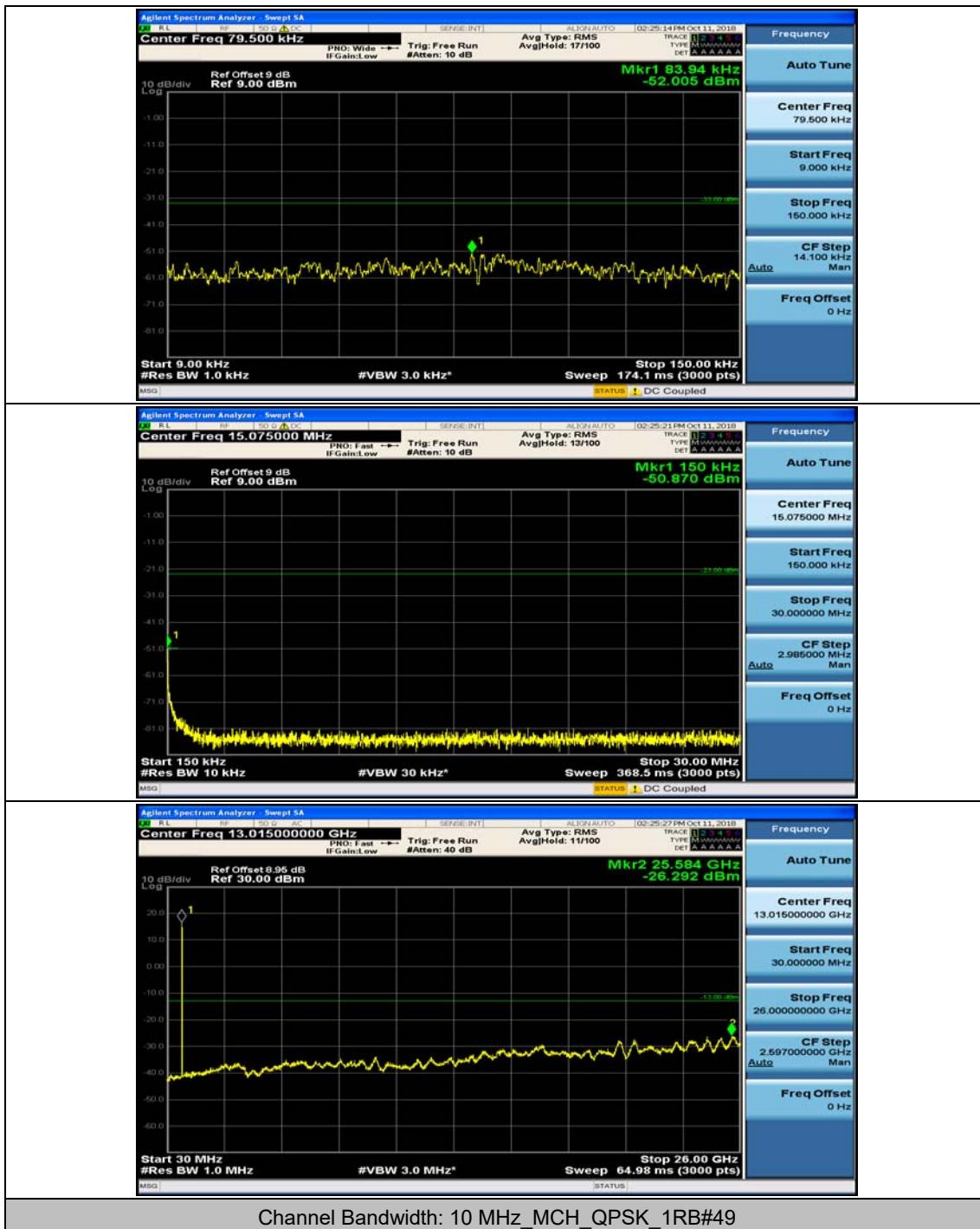
## Channel Bandwidth: 10 MHz

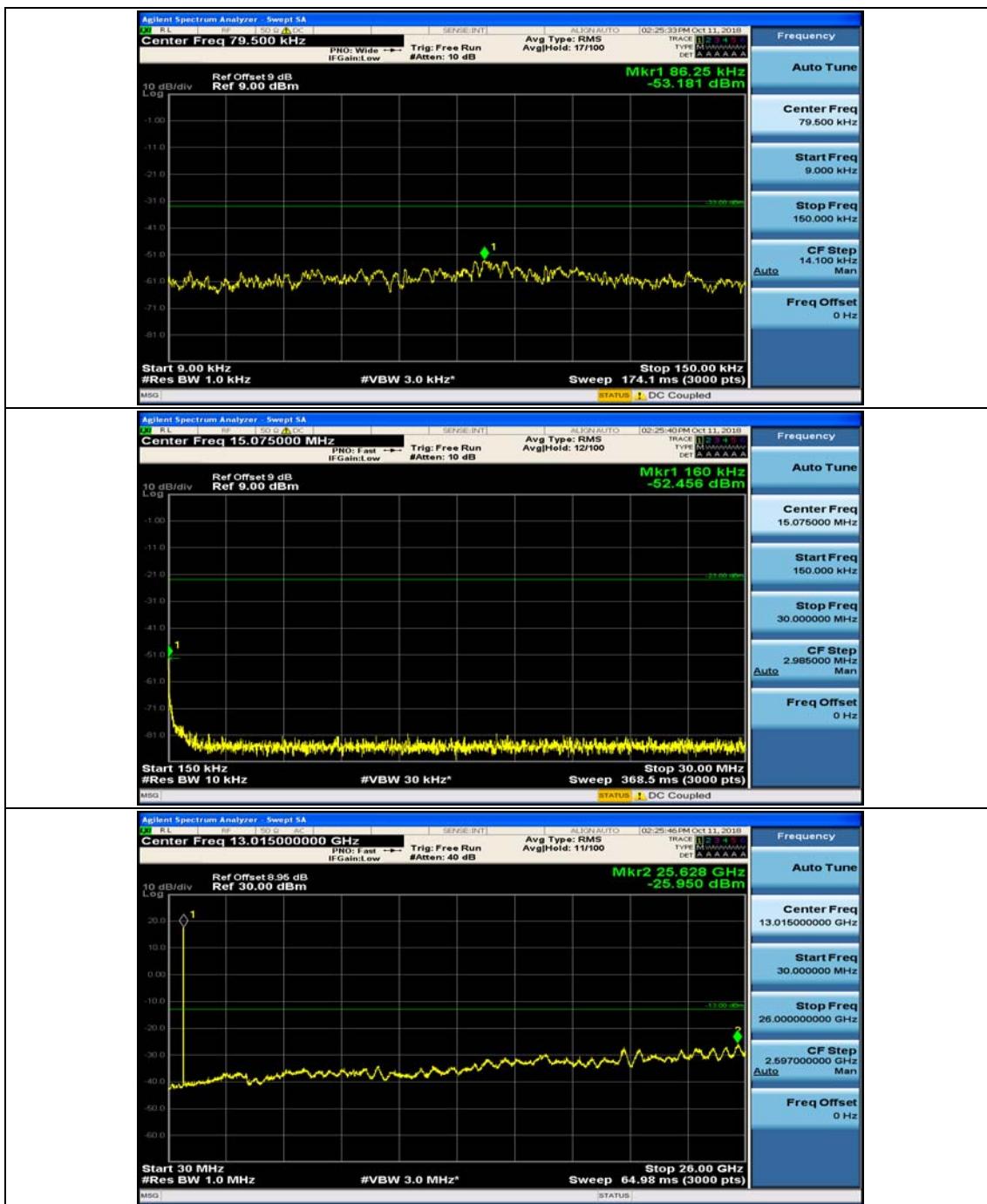


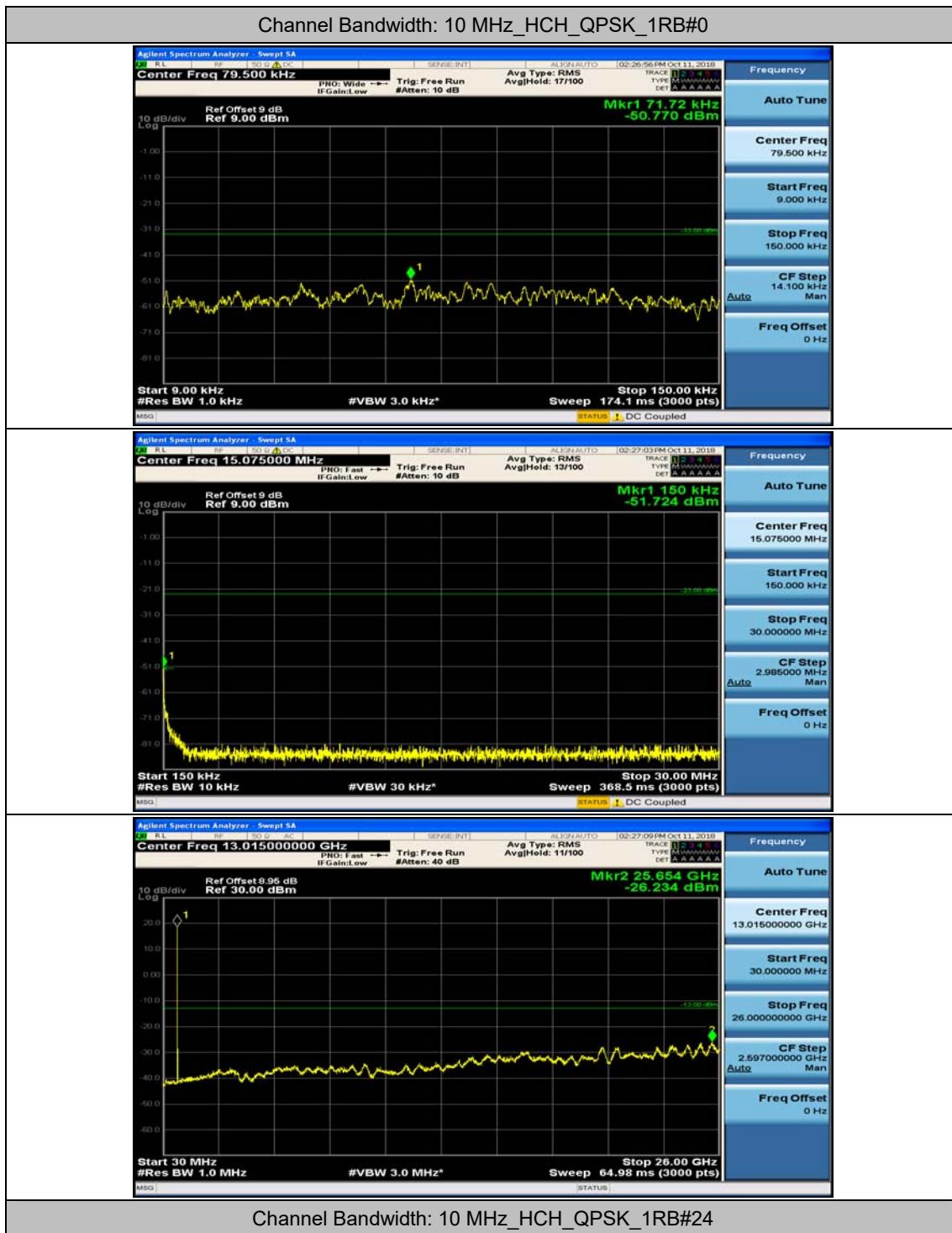


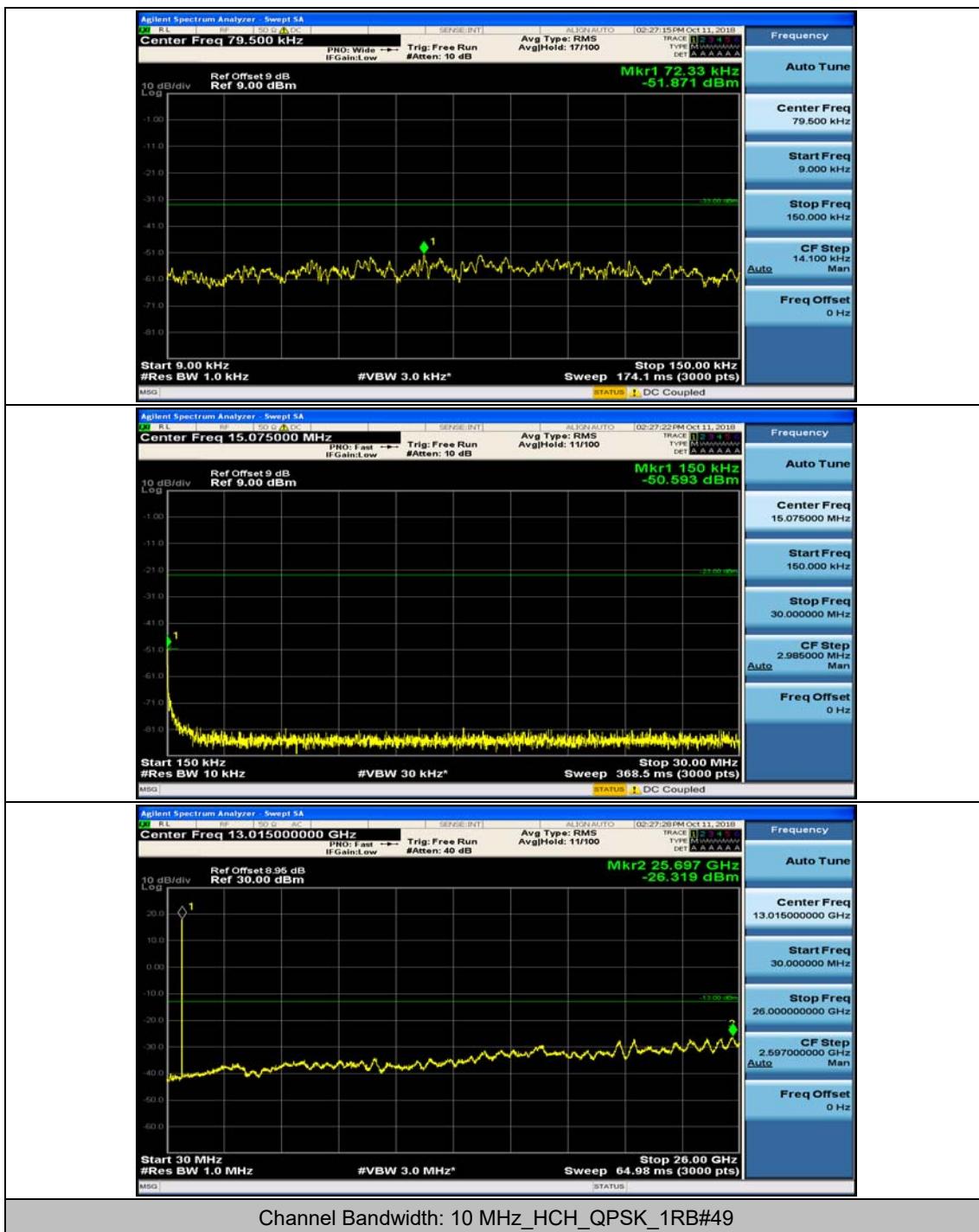


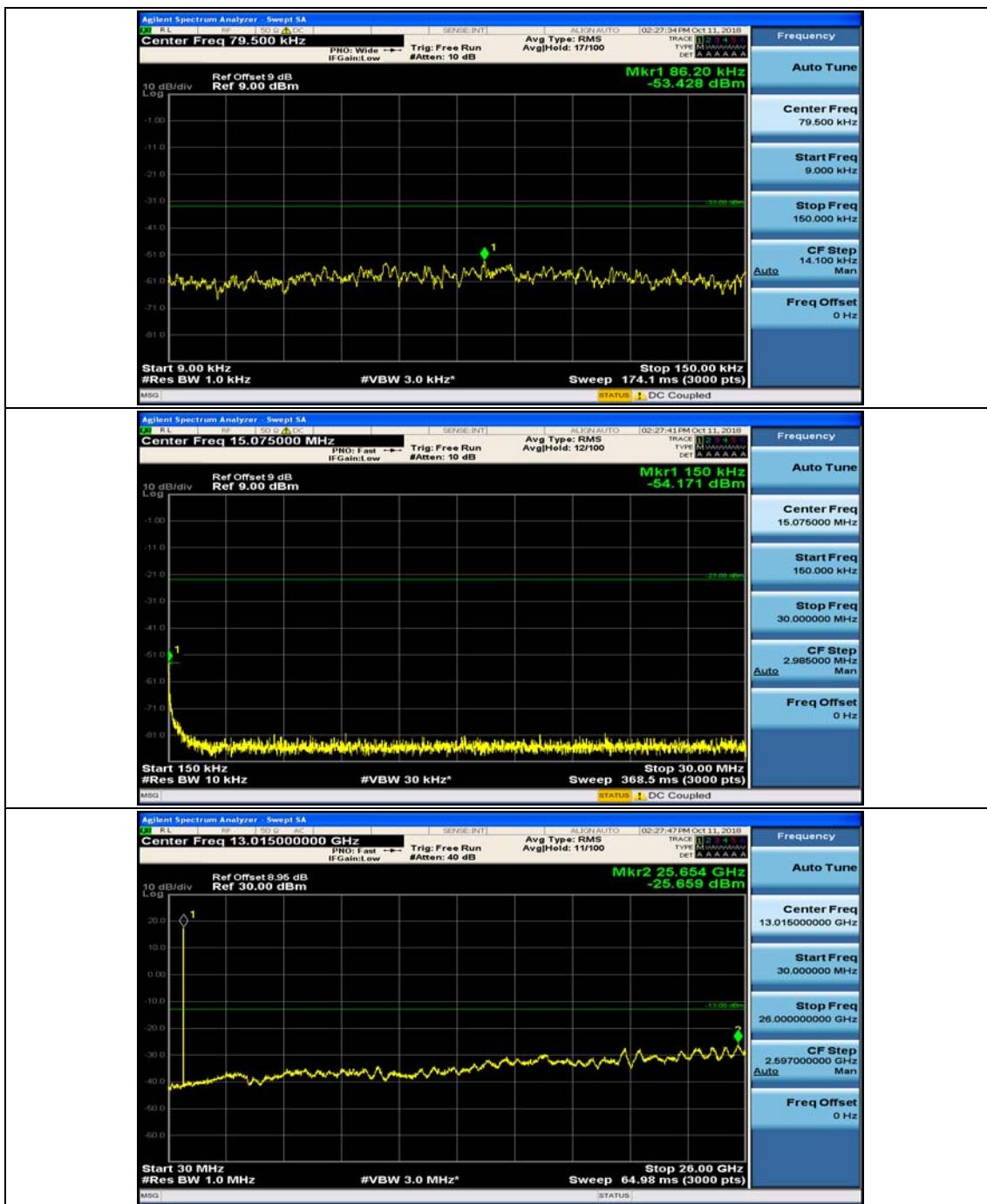


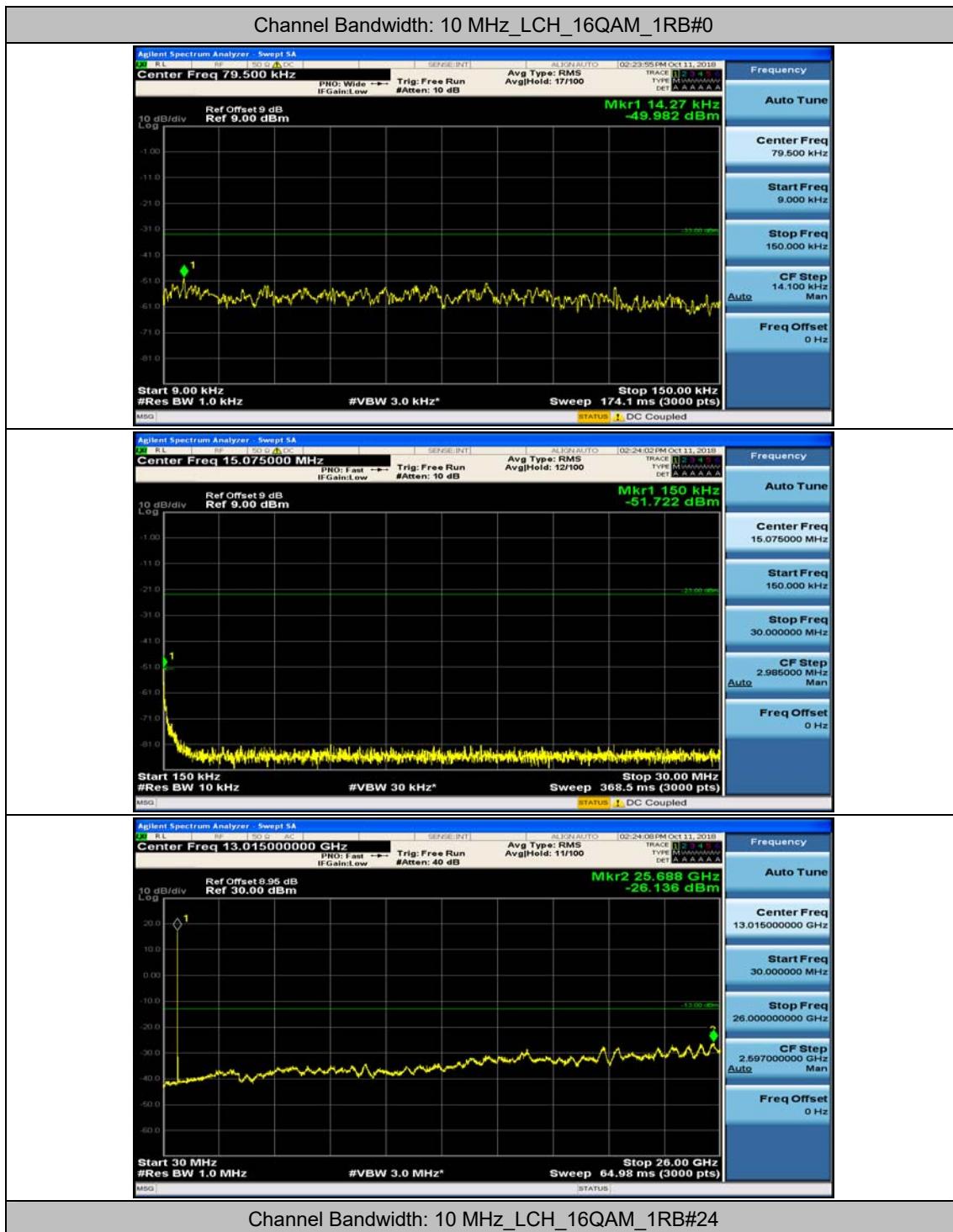




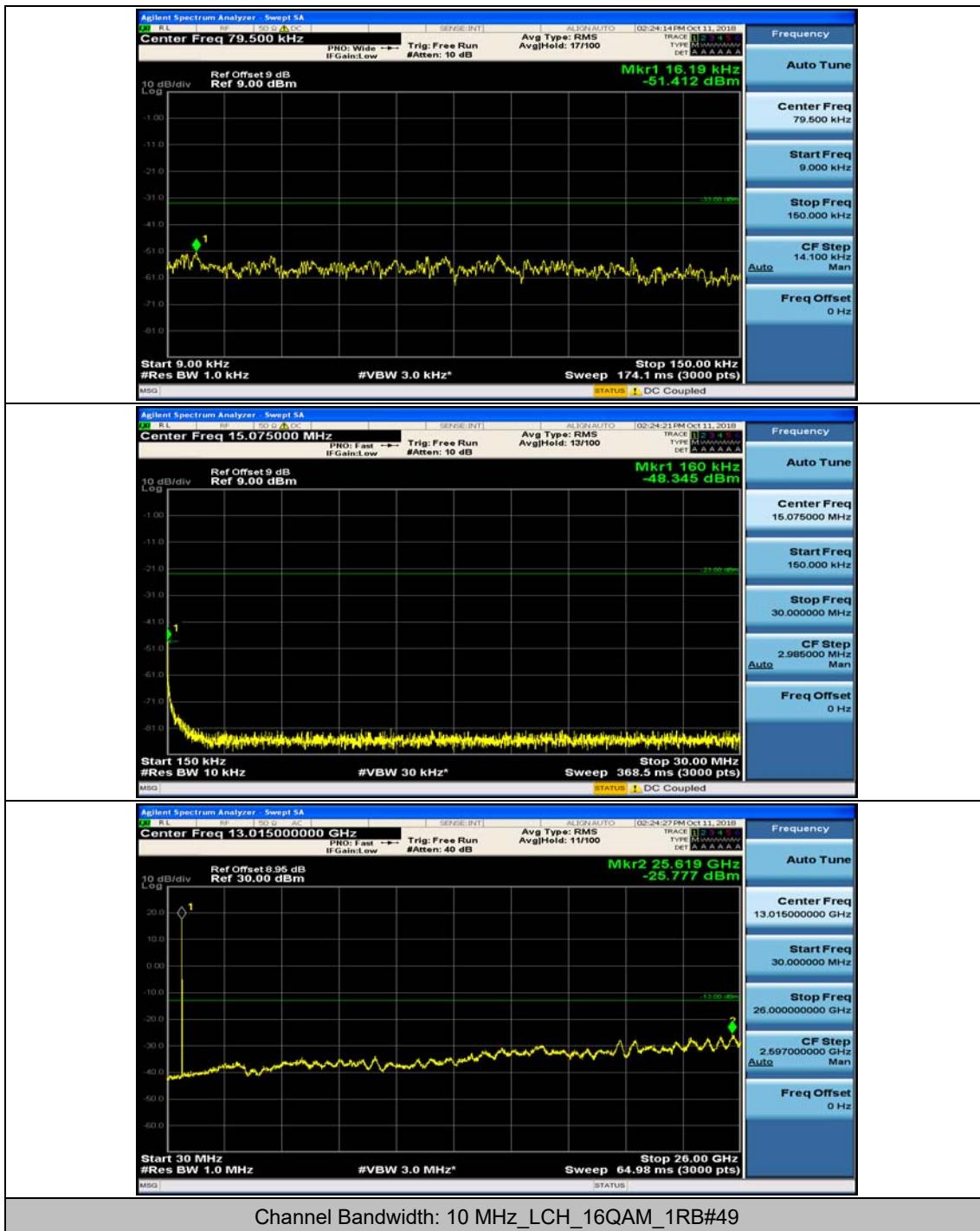


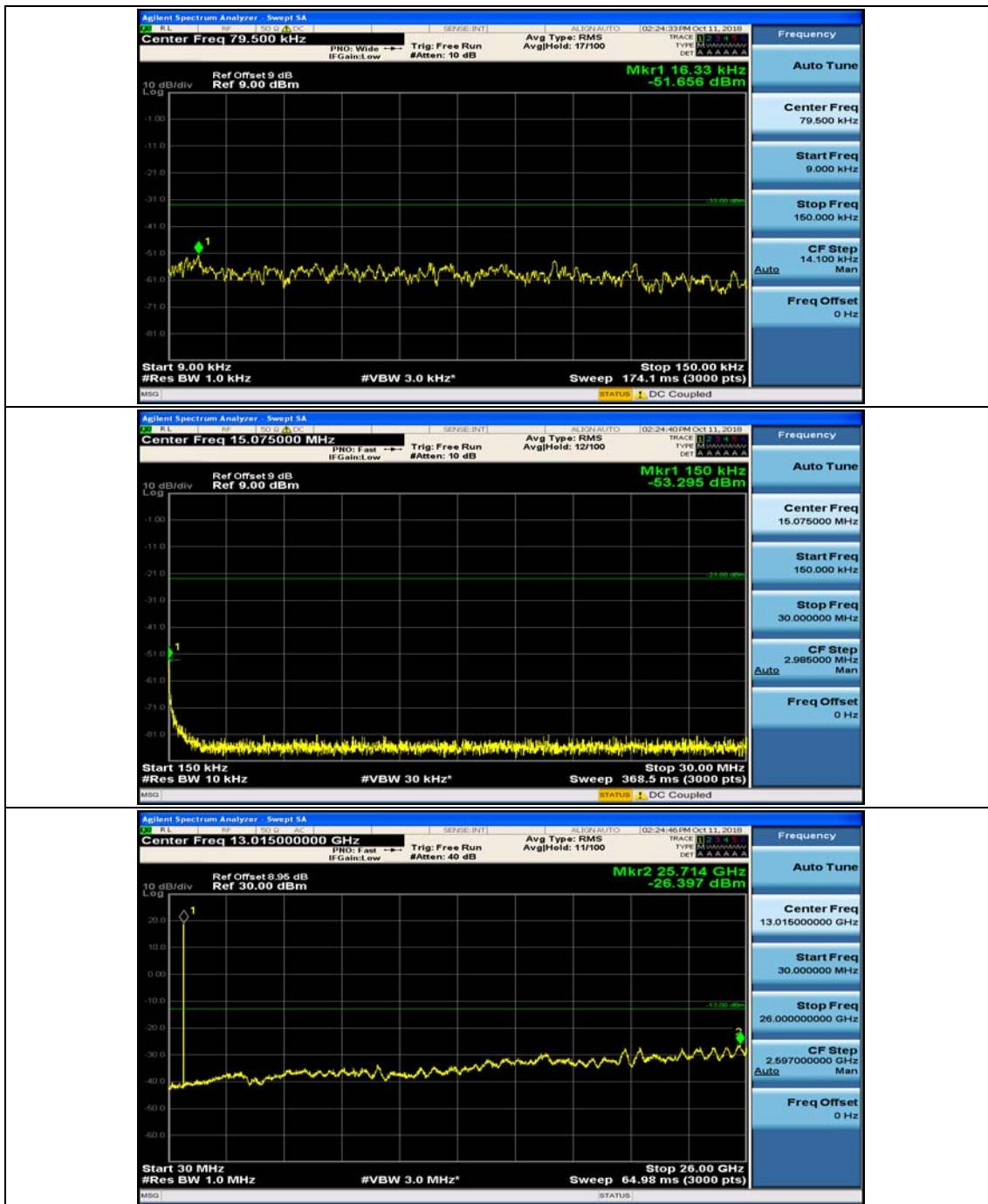


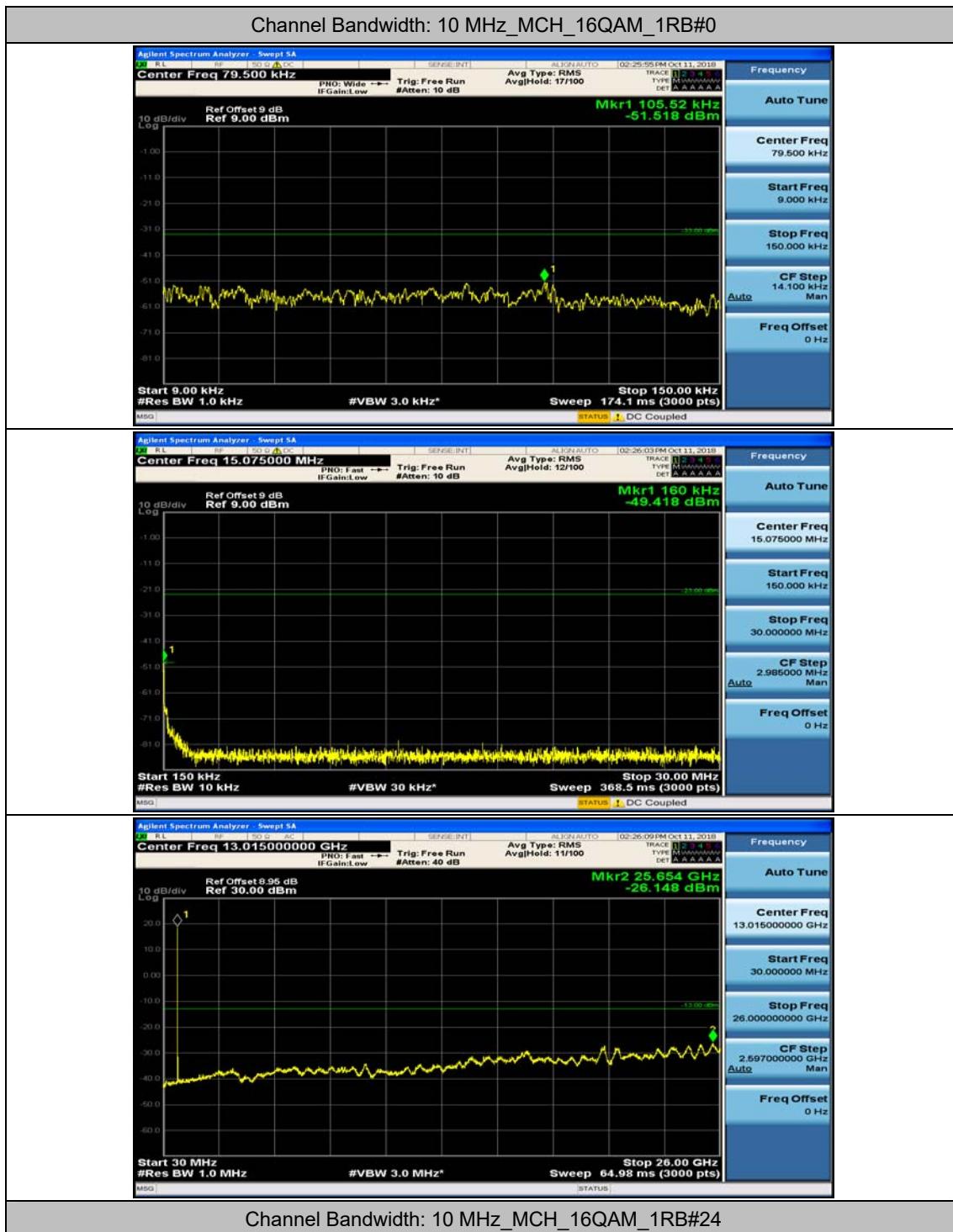


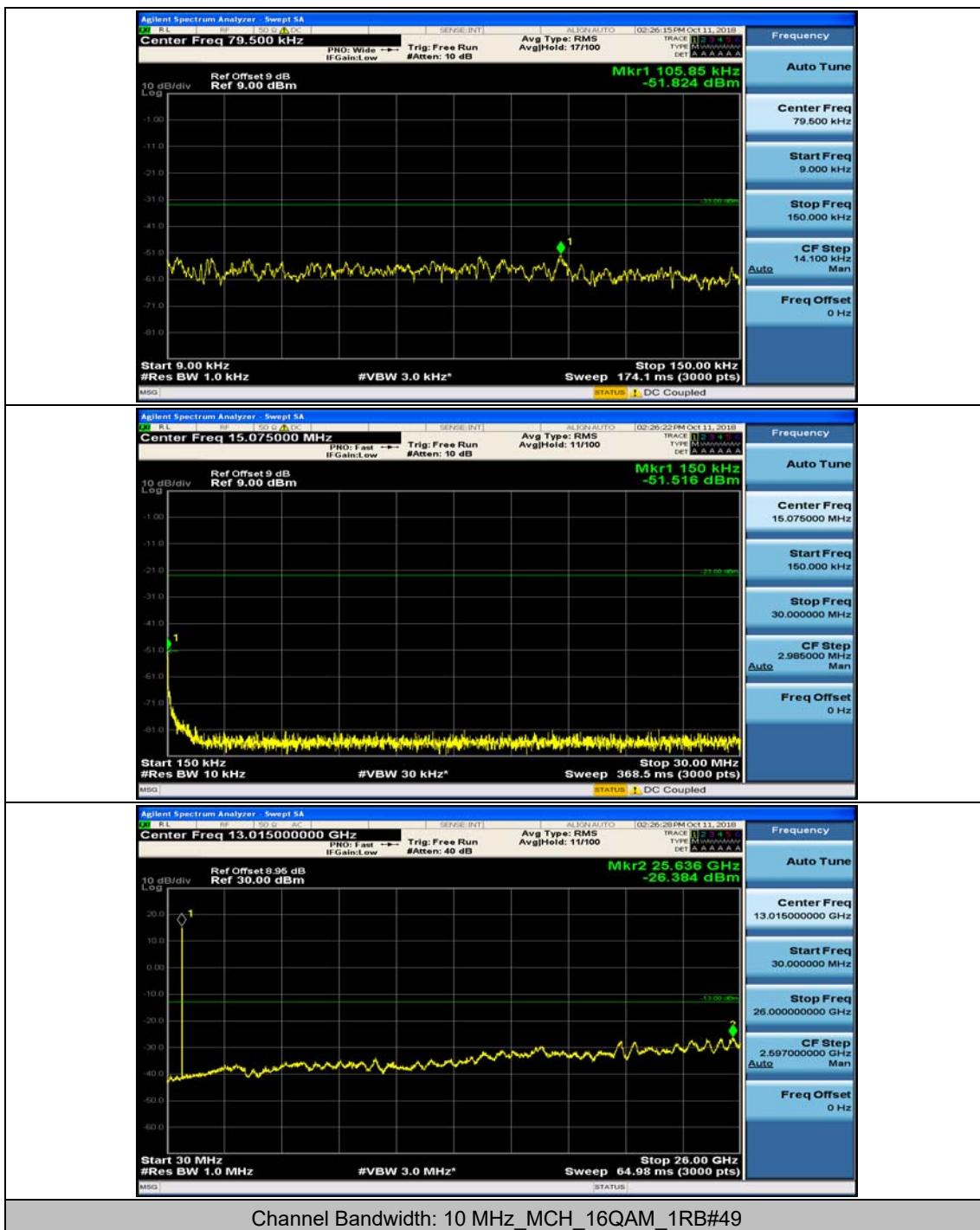


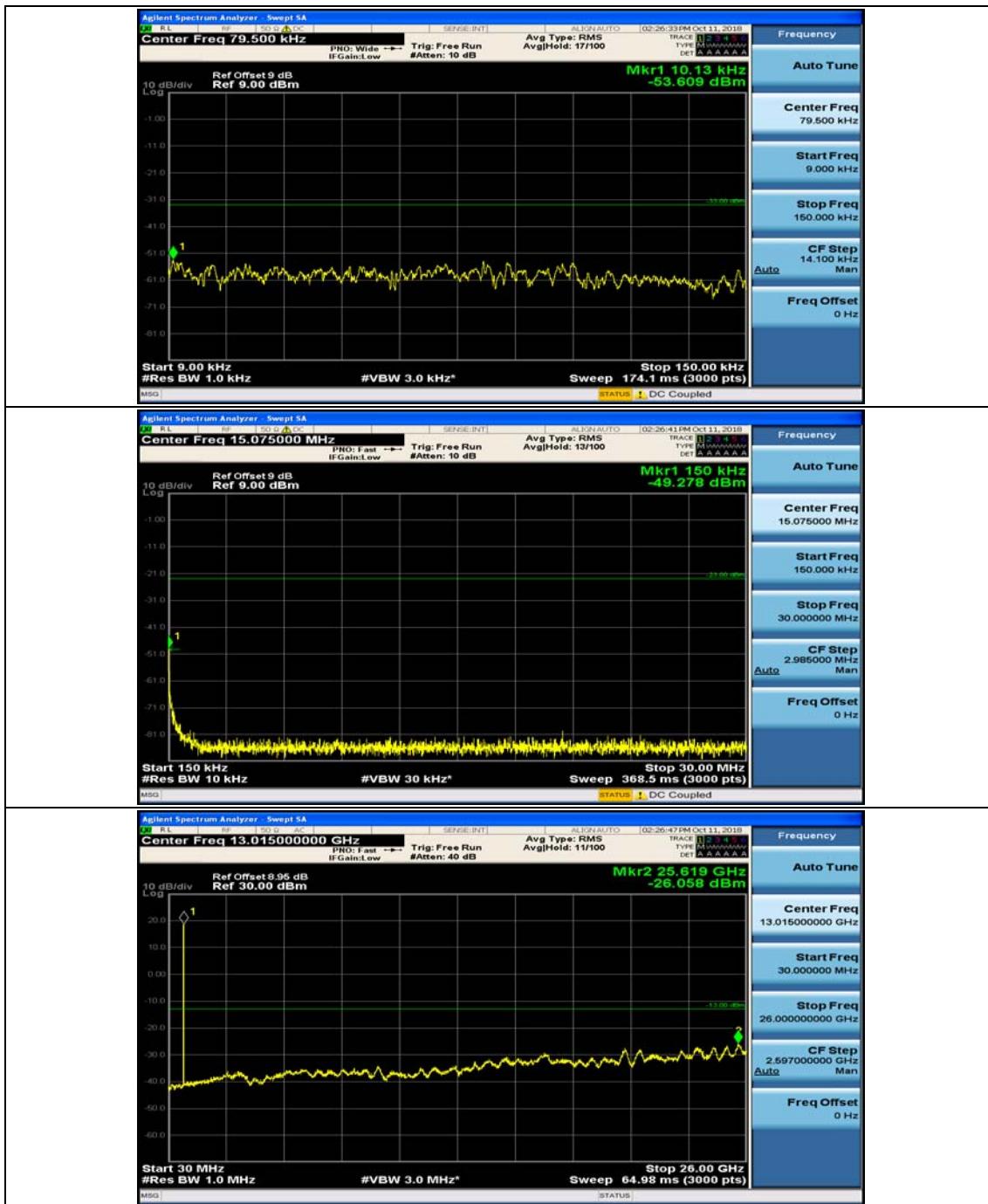
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_1RB#24

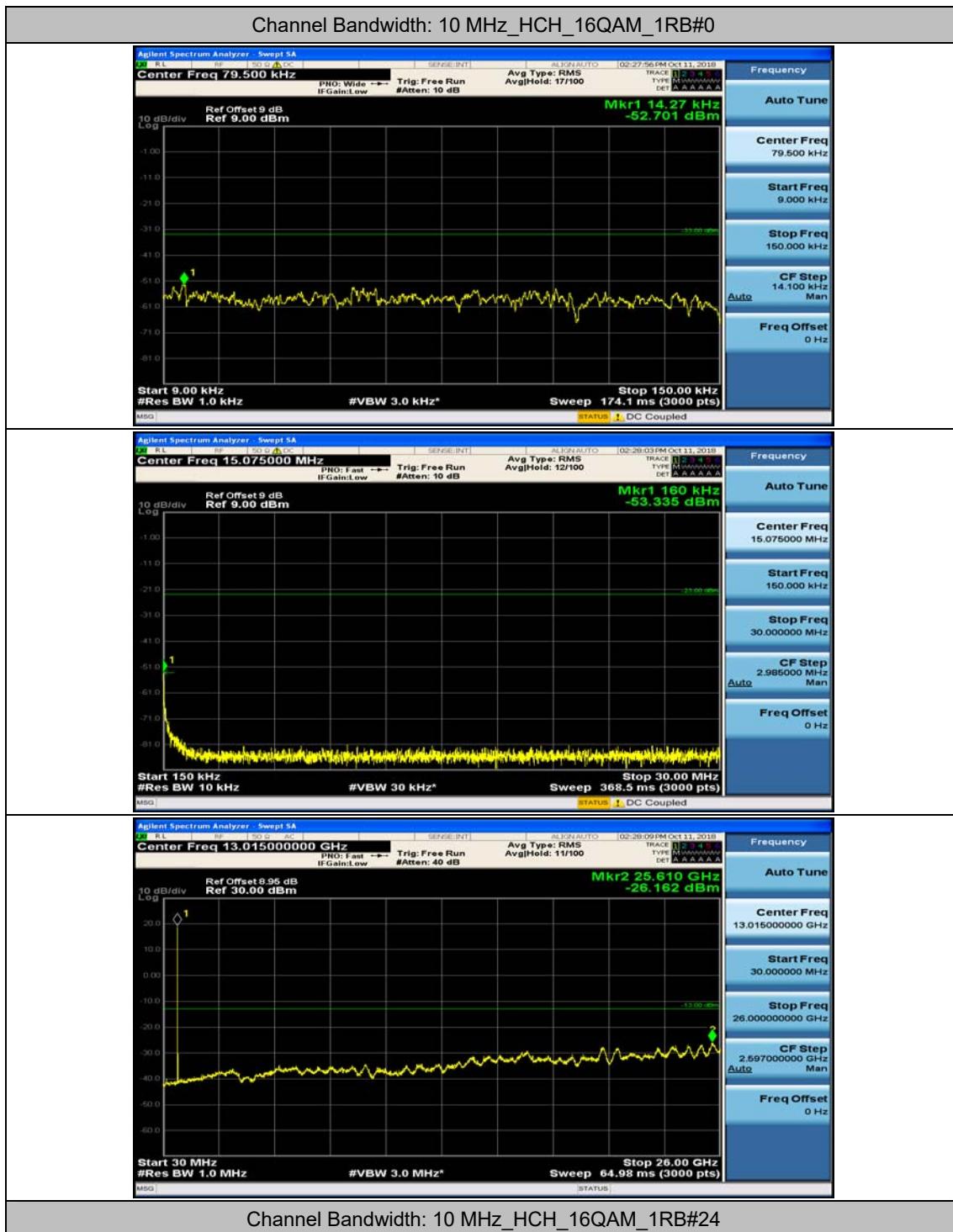


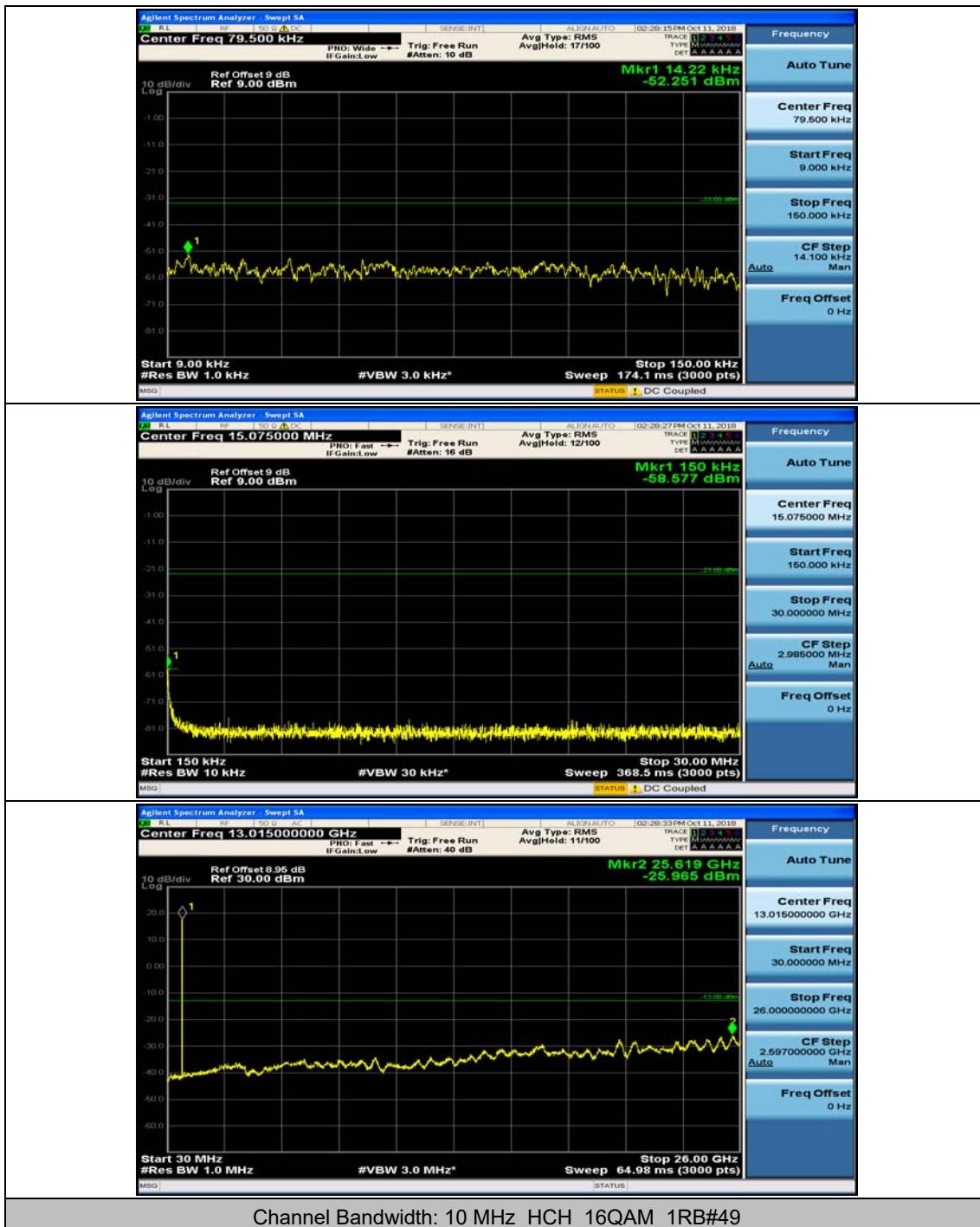


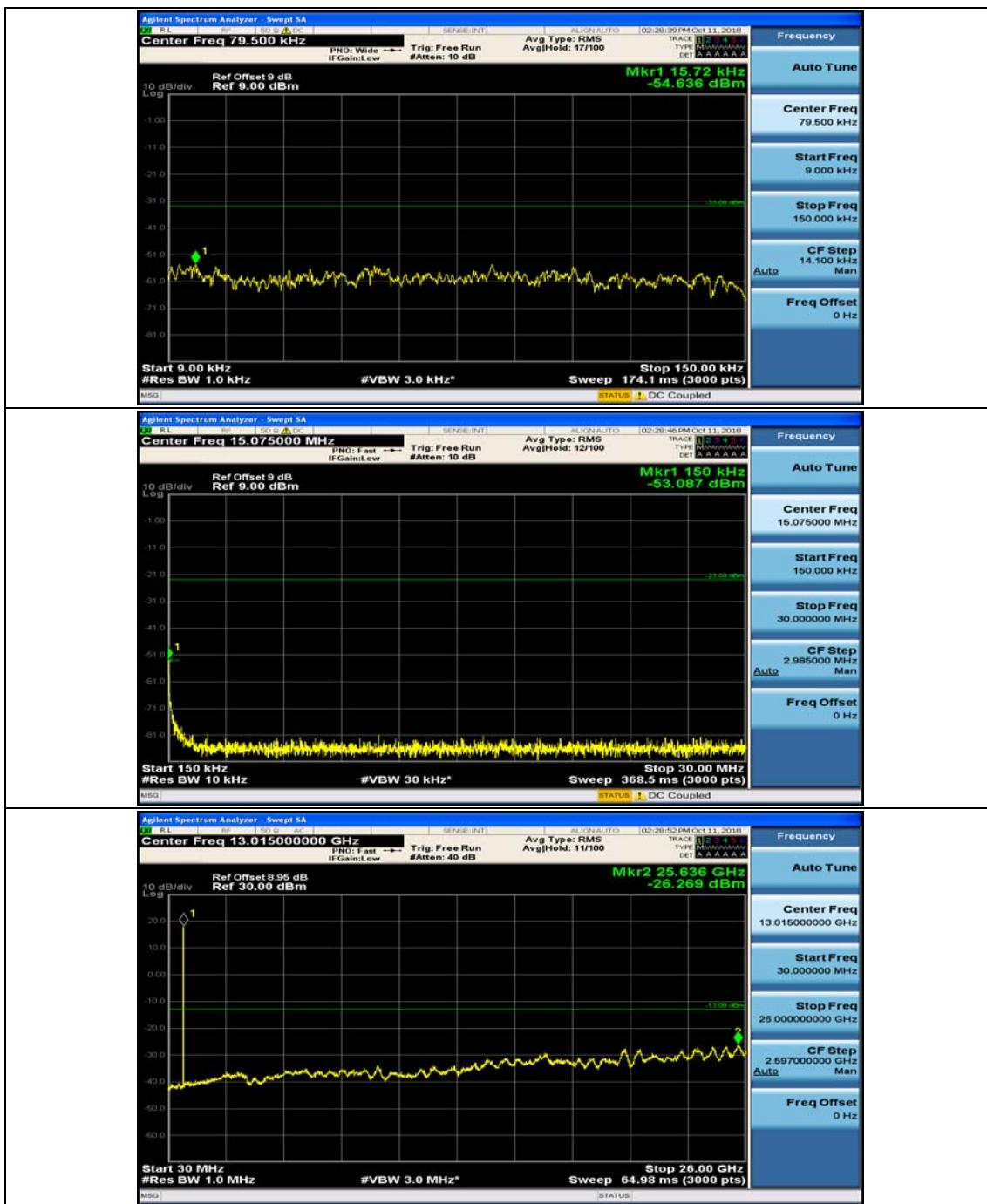












## Appendix F: Frequency Stability

### 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	-0.21	-0.000297	± 2.5	PASS
		VN	TN	2.44	0.003454	± 2.5	PASS
		VH	TN	2.1	0.002972	± 2.5	PASS
	MCH	VL	TN	1.83	0.002577	± 2.5	PASS
		VN	TN	3.55	0.005000	± 2.5	PASS
		VH	TN	4.29	0.006042	± 2.5	PASS
	HCH	VL	TN	4.85	0.006797	± 2.5	PASS
		VN	TN	4.79	0.006713	± 2.5	PASS
		VH	TN	1.95	0.002733	± 2.5	PASS
16QAM	LCH	VL	TN	3.28	0.004643	± 2.5	PASS
		VN	TN	3.12	0.004416	± 2.5	PASS
		VH	TN	4.64	0.006568	± 2.5	PASS
	MCH	VL	TN	2.41	0.003394	± 2.5	PASS
		VN	TN	-0.69	-0.000972	± 2.5	PASS
		VH	TN	1.78	0.002507	± 2.5	PASS
	HCH	VL	TN	-0.95	-0.001331	± 2.5	PASS
		VN	TN	-0.96	-0.001345	± 2.5	PASS
		VH	TN	0.29	0.000406	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	0.4	0.000566	± 2.5	PASS
		VN	-20	1.63	0.002307	± 2.5	PASS
		VN	-10	-0.1	-0.000142	± 2.5	PASS
		VN	0	2.19	0.003100	± 2.5	PASS
		VN	10	2.98	0.004218	± 2.5	PASS
		VN	20	3.43	0.004855	± 2.5	PASS
		VN	30	0.09	0.000127	± 2.5	PASS
		VN	40	2.24	0.003171	± 2.5	PASS
		VN	50	-0.85	-0.001203	± 2.5	PASS
	MCH	VN	-30	-1.8	-0.002535	± 2.5	PASS
	MCH	VN	-20	0.33	0.000465	± 2.5	PASS

	HCH	VN	-10	-1	-0.001408	$\pm 2.5$	PASS
		VN	0	3.06	0.004310	$\pm 2.5$	PASS
		VN	10	4.75	0.006690	$\pm 2.5$	PASS
		VN	20	0.25	0.000352	$\pm 2.5$	PASS
		VN	30	4.43	0.006239	$\pm 2.5$	PASS
		VN	40	-1.63	-0.002296	$\pm 2.5$	PASS
		VN	50	0.97	0.001366	$\pm 2.5$	PASS
		VN	-30	-0.23	-0.000322	$\pm 2.5$	PASS
		VN	-20	3.01	0.004219	$\pm 2.5$	PASS
		VN	-10	-0.47	-0.000659	$\pm 2.5$	PASS
16QAM	LCH	VN	0	2.51	0.003518	$\pm 2.5$	PASS
		VN	10	2.03	0.002845	$\pm 2.5$	PASS
		VN	20	-0.7	-0.000981	$\pm 2.5$	PASS
		VN	30	3.02	0.004233	$\pm 2.5$	PASS
		VN	40	0.9	0.001261	$\pm 2.5$	PASS
		VN	50	2.52	0.003532	$\pm 2.5$	PASS
		VN	-30	3.88	0.005492	$\pm 2.5$	PASS
		VN	-20	4.64	0.006568	$\pm 2.5$	PASS
		VN	-10	3.28	0.004643	$\pm 2.5$	PASS
	MCH	VN	0	2.36	0.003340	$\pm 2.5$	PASS
		VN	10	-1.93	-0.002732	$\pm 2.5$	PASS
		VN	20	0.25	0.000354	$\pm 2.5$	PASS
		VN	30	4.27	0.006044	$\pm 2.5$	PASS
		VN	40	4.54	0.006426	$\pm 2.5$	PASS
		VN	50	-0.15	-0.000212	$\pm 2.5$	PASS
		VN	-30	-0.12	-0.000168	$\pm 2.5$	PASS
		VN	-20	4.79	0.006713	$\pm 2.5$	PASS
		VN	-10	-0.11	-0.000154	$\pm 2.5$	PASS
		VN	0	0.48	0.000673	$\pm 2.5$	PASS
	HCH	VN	10	1.4	0.001962	$\pm 2.5$	PASS
		VN	20	-1.42	-0.001990	$\pm 2.5$	PASS
		VN	30	3.1	0.004345	$\pm 2.5$	PASS
		VN	40	3.22	0.004513	$\pm 2.5$	PASS
		VN	50	3.62	0.005074	$\pm 2.5$	PASS
		VN	-30	4.26	0.005971	$\pm 2.5$	PASS
		VN	-20	2.02	0.002831	$\pm 2.5$	PASS

		VN	40	-0.68	-0.000953	$\pm 2.5$	PASS
		VN	50	-0.94	-0.001317	$\pm 2.5$	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	4.48	0.006319	$\pm 2.5$	PASS
		VN	TN	-1.84	-0.002595	$\pm 2.5$	PASS
		VH	TN	-1.04	-0.001467	$\pm 2.5$	PASS
	MCH	VL	TN	0.68	0.000958	$\pm 2.5$	PASS
		VN	TN	0.39	0.000549	$\pm 2.5$	PASS
		VH	TN	0.79	0.001113	$\pm 2.5$	PASS
	HCH	VL	TN	1.75	0.002461	$\pm 2.5$	PASS
		VN	TN	3.76	0.005288	$\pm 2.5$	PASS
		VH	TN	4.7	0.006610	$\pm 2.5$	PASS
16QAM	LCH	VL	TN	-1.29	-0.001819	$\pm 2.5$	PASS
		VN	TN	-1.35	-0.001904	$\pm 2.5$	PASS
		VH	TN	-0.84	-0.001185	$\pm 2.5$	PASS
	MCH	VL	TN	-0.14	-0.000197	$\pm 2.5$	PASS
		VN	TN	1.63	0.002296	$\pm 2.5$	PASS
		VH	TN	-0.41	-0.000577	$\pm 2.5$	PASS
	HCH	VL	TN	1.6	0.002250	$\pm 2.5$	PASS
		VN	TN	1.62	0.002278	$\pm 2.5$	PASS
		VH	TN	1.98	0.002785	$\pm 2.5$	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
16QAM	LCH	VN	-30	1.13	0.001594	$\pm 2.5$	PASS
		VN	-20	3.39	0.004781	$\pm 2.5$	PASS
		VN	-10	4.38	0.006178	$\pm 2.5$	PASS
		VN	0	1.05	0.001481	$\pm 2.5$	PASS
		VN	10	-1.65	-0.002327	$\pm 2.5$	PASS
		VN	20	-0.45	-0.000635	$\pm 2.5$	PASS
		VN	30	1.34	0.001890	$\pm 2.5$	PASS
		VN	40	1.32	0.001862	$\pm 2.5$	PASS
		VN	50	2.19	0.003089	$\pm 2.5$	PASS
	MCH	VN	-30	2.11	0.002972	$\pm 2.5$	PASS
		VN	-20	3.08	0.004338	$\pm 2.5$	PASS
		VN	-10	4.62	0.006507	$\pm 2.5$	PASS
		VN	0	4.75	0.006690	$\pm 2.5$	PASS

	HCH	VN	10	1.34	0.001887	$\pm 2.5$	PASS
		VN	20	-0.55	-0.000775	$\pm 2.5$	PASS
		VN	30	4.76	0.006704	$\pm 2.5$	PASS
		VN	40	1.69	0.002380	$\pm 2.5$	PASS
		VN	50	4.13	0.005817	$\pm 2.5$	PASS
		VN	-30	-1.76	-0.002475	$\pm 2.5$	PASS
		VN	-20	-0.15	-0.000211	$\pm 2.5$	PASS
		VN	-10	3.74	0.005260	$\pm 2.5$	PASS
		VN	0	-1.95	-0.002743	$\pm 2.5$	PASS
		VN	10	-0.14	-0.000197	$\pm 2.5$	PASS
	LCH	VN	20	-0.61	-0.000858	$\pm 2.5$	PASS
		VN	30	0.24	0.000338	$\pm 2.5$	PASS
		VN	40	2.86	0.004023	$\pm 2.5$	PASS
		VN	50	2.82	0.003966	$\pm 2.5$	PASS
		VN	-30	3.19	0.004493	$\pm 2.5$	PASS
		VN	-20	-1.38	-0.001944	$\pm 2.5$	PASS
		VN	-10	1.62	0.002282	$\pm 2.5$	PASS
		VN	0	-0.39	-0.000549	$\pm 2.5$	PASS
		VN	10	0.57	0.000803	$\pm 2.5$	PASS
		VN	20	3.17	0.004465	$\pm 2.5$	PASS
	MCH	VN	30	2.42	0.003408	$\pm 2.5$	PASS
		VN	40	3.48	0.004901	$\pm 2.5$	PASS
		VN	50	-0.89	-0.001254	$\pm 2.5$	PASS
		VN	-30	-0.86	-0.001210	$\pm 2.5$	PASS
		VN	-20	-0.28	-0.000394	$\pm 2.5$	PASS
		VN	-10	1.65	0.002321	$\pm 2.5$	PASS
		VN	0	2.67	0.003755	$\pm 2.5$	PASS
		VN	10	1.31	0.001842	$\pm 2.5$	PASS
		VN	20	0.24	0.000338	$\pm 2.5$	PASS
		VN	30	-0.94	-0.001322	$\pm 2.5$	PASS
	HCH	VN	40	-1.81	-0.002546	$\pm 2.5$	PASS
		VN	50	4.5	0.006329	$\pm 2.5$	PASS
		VN	-30	3.28	0.004613	$\pm 2.5$	PASS
		VN	-20	0.27	0.000380	$\pm 2.5$	PASS
		VN	-10	0.37	0.000520	$\pm 2.5$	PASS
		VN	0	1.64	0.002307	$\pm 2.5$	PASS
		VN	10	0.35	0.000492	$\pm 2.5$	PASS
		VN	20	1.57	0.002208	$\pm 2.5$	PASS
		VN	30	4.52	0.006357	$\pm 2.5$	PASS
		VN	40	1.02	0.001435	$\pm 2.5$	PASS
		VN	50	4.01	0.005640	$\pm 2.5$	PASS