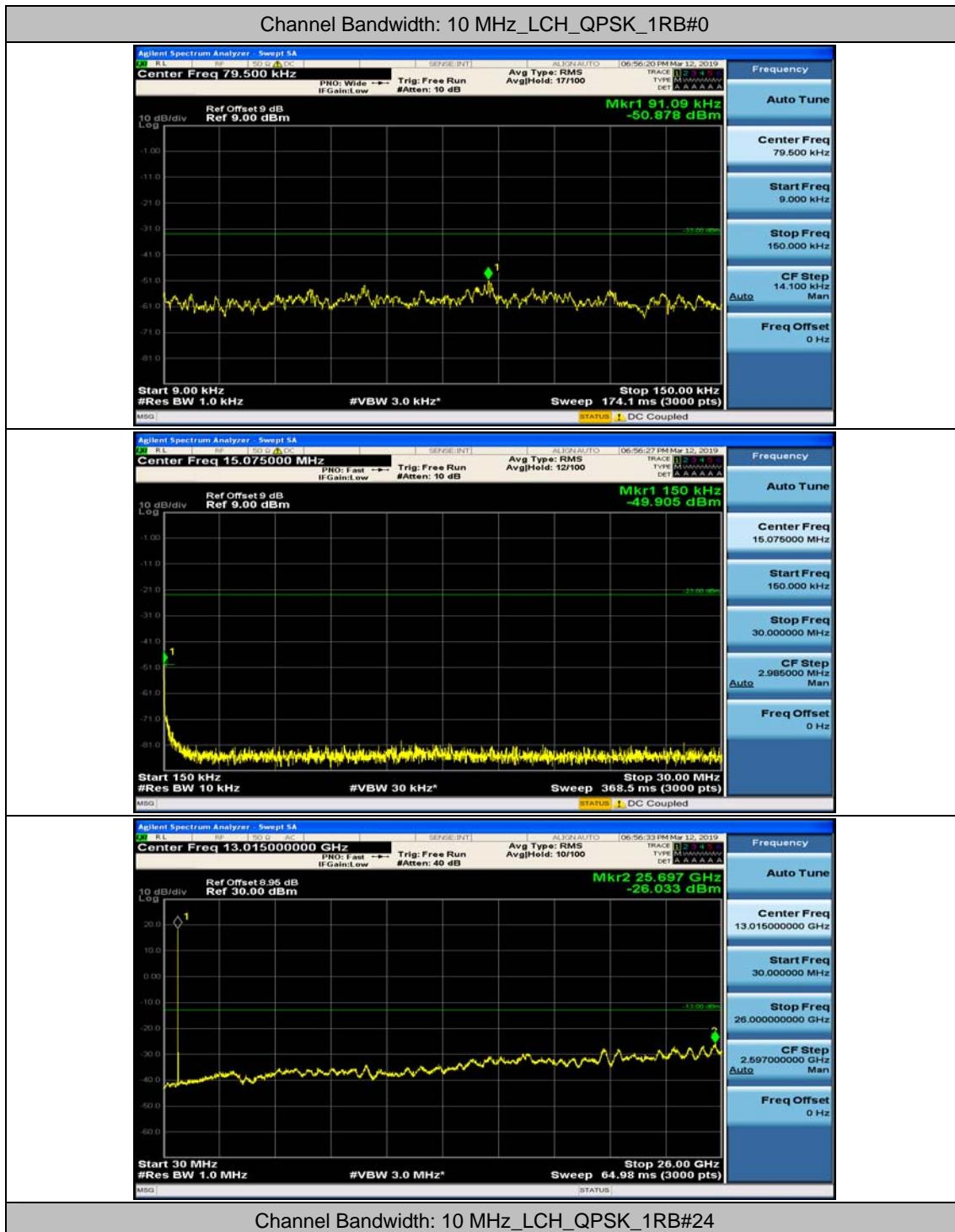
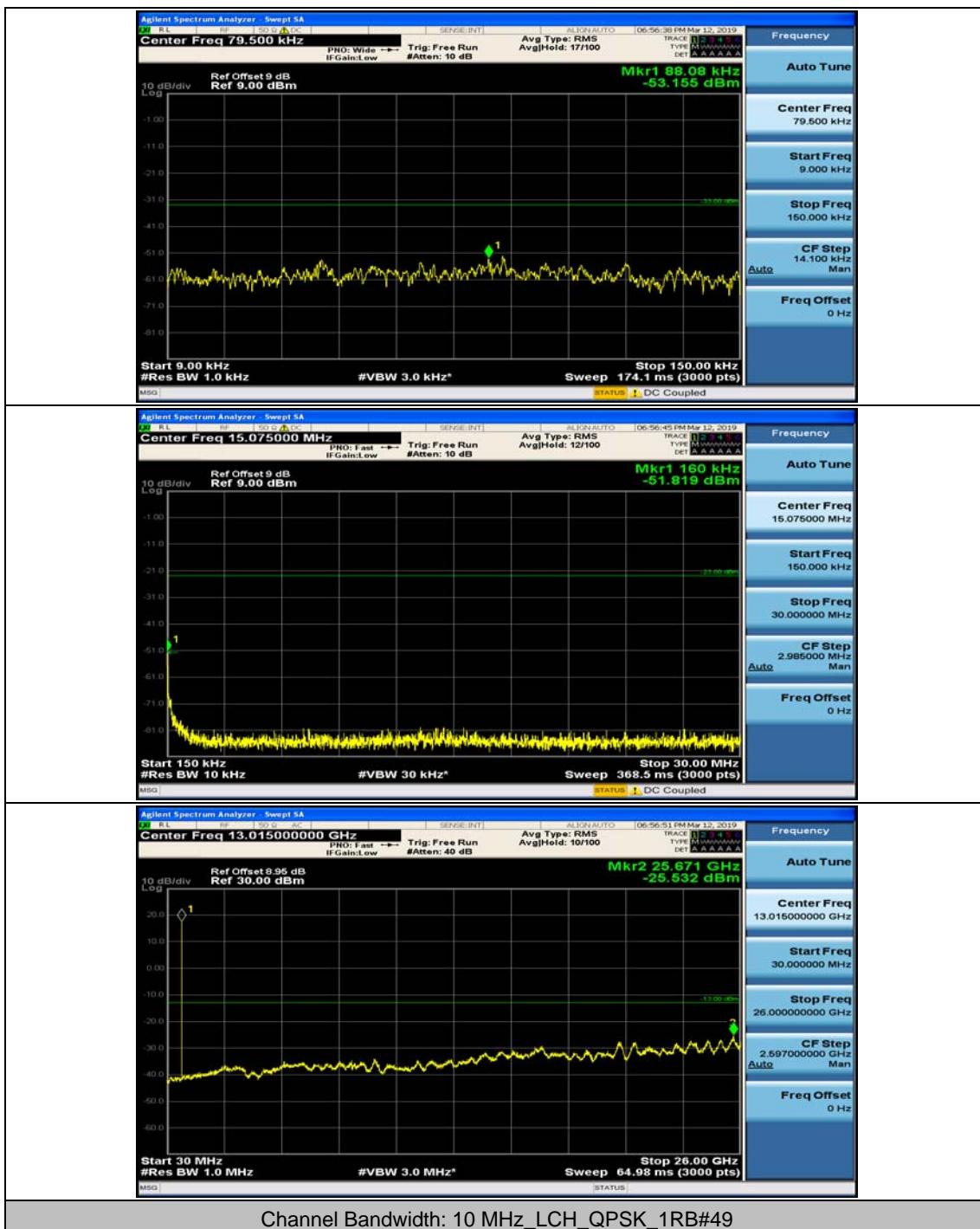
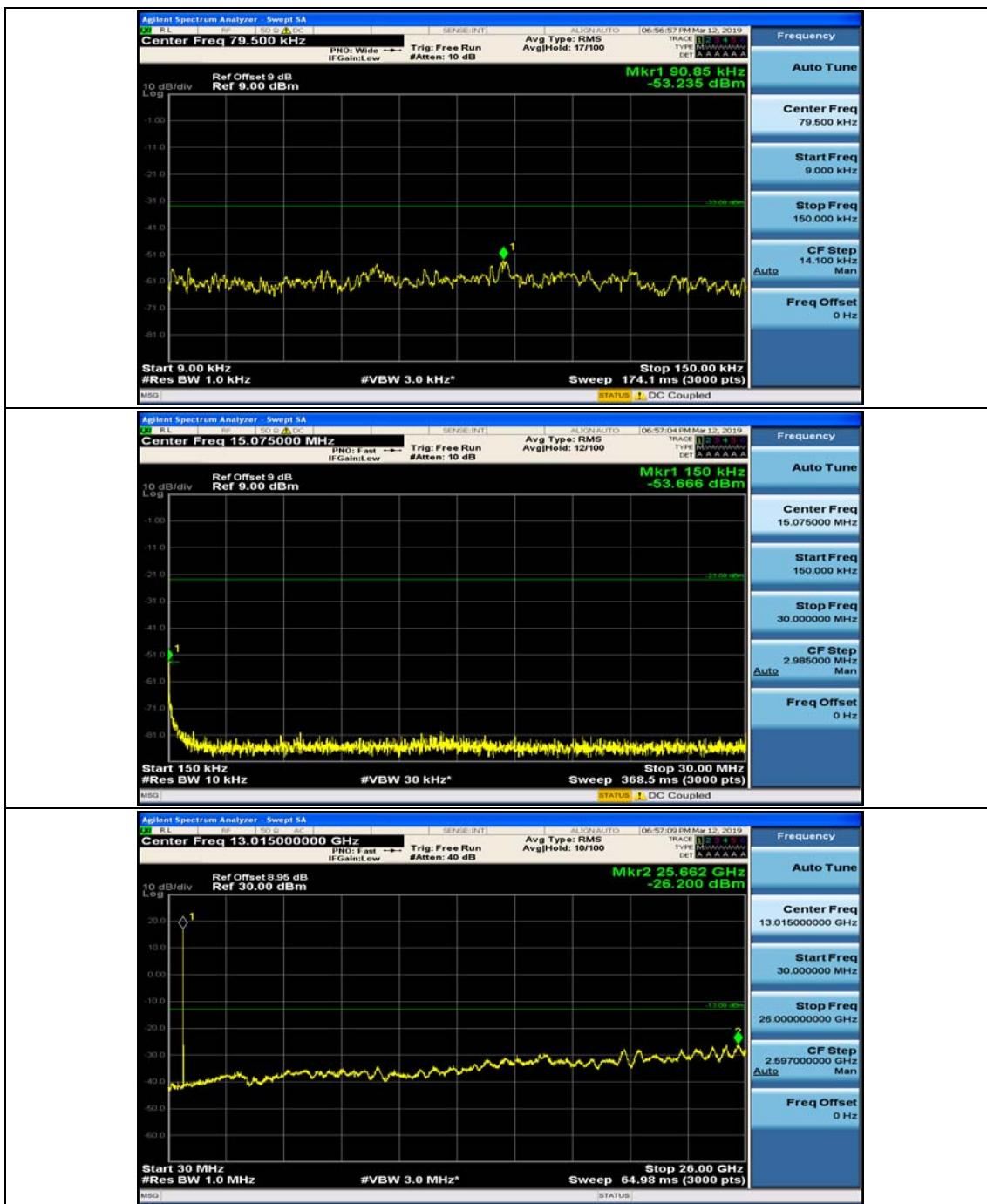
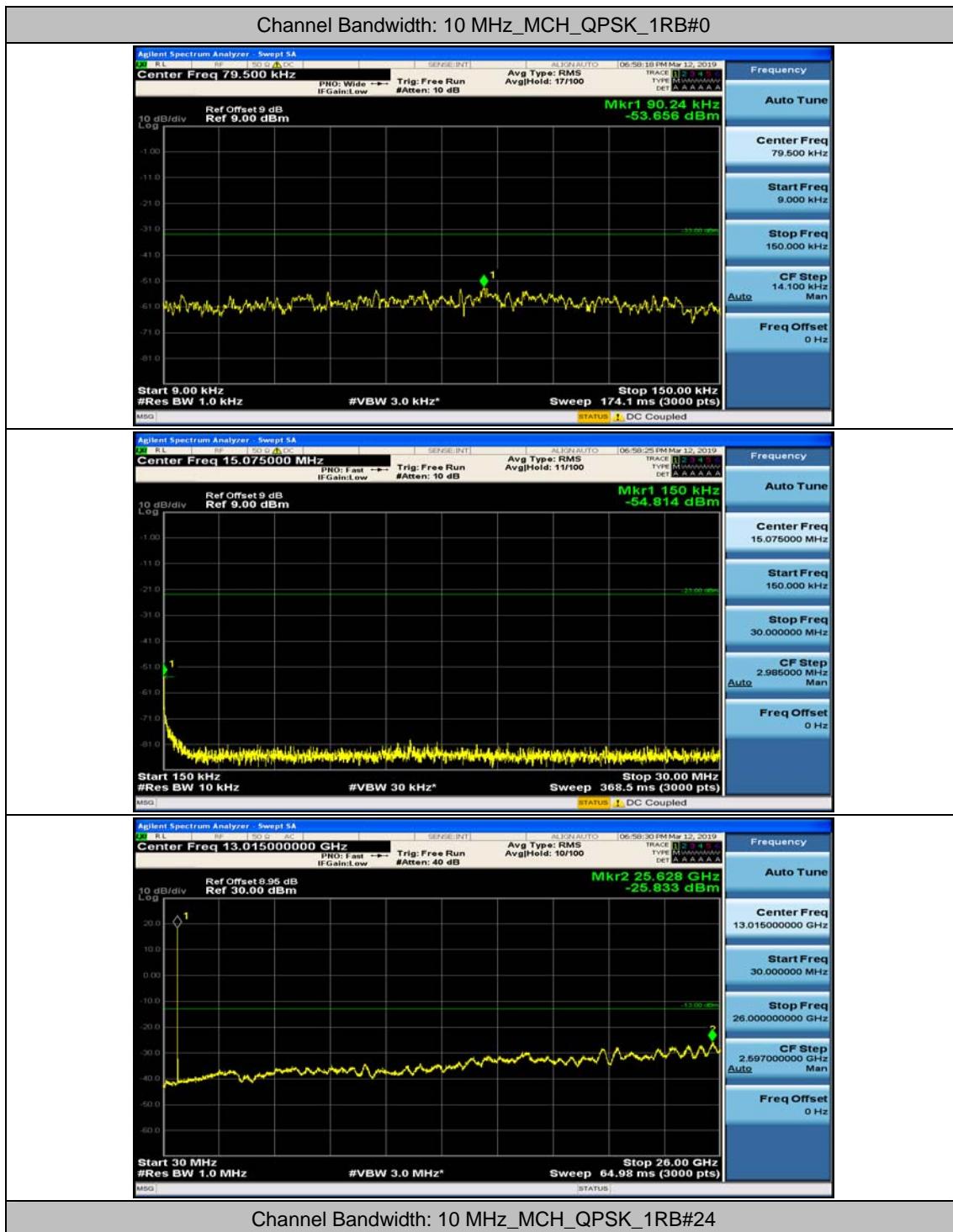


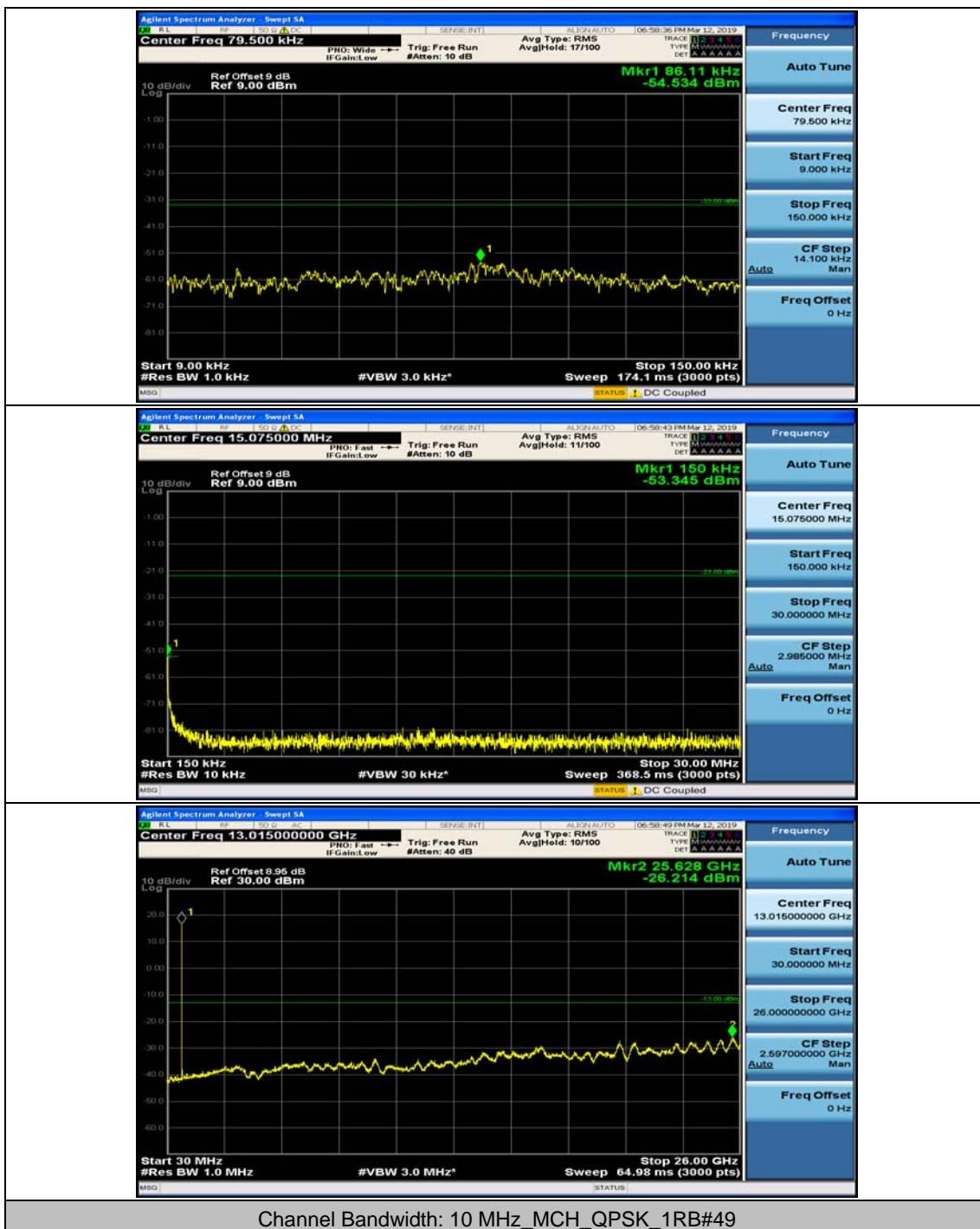
Channel Bandwidth: 10 MHz

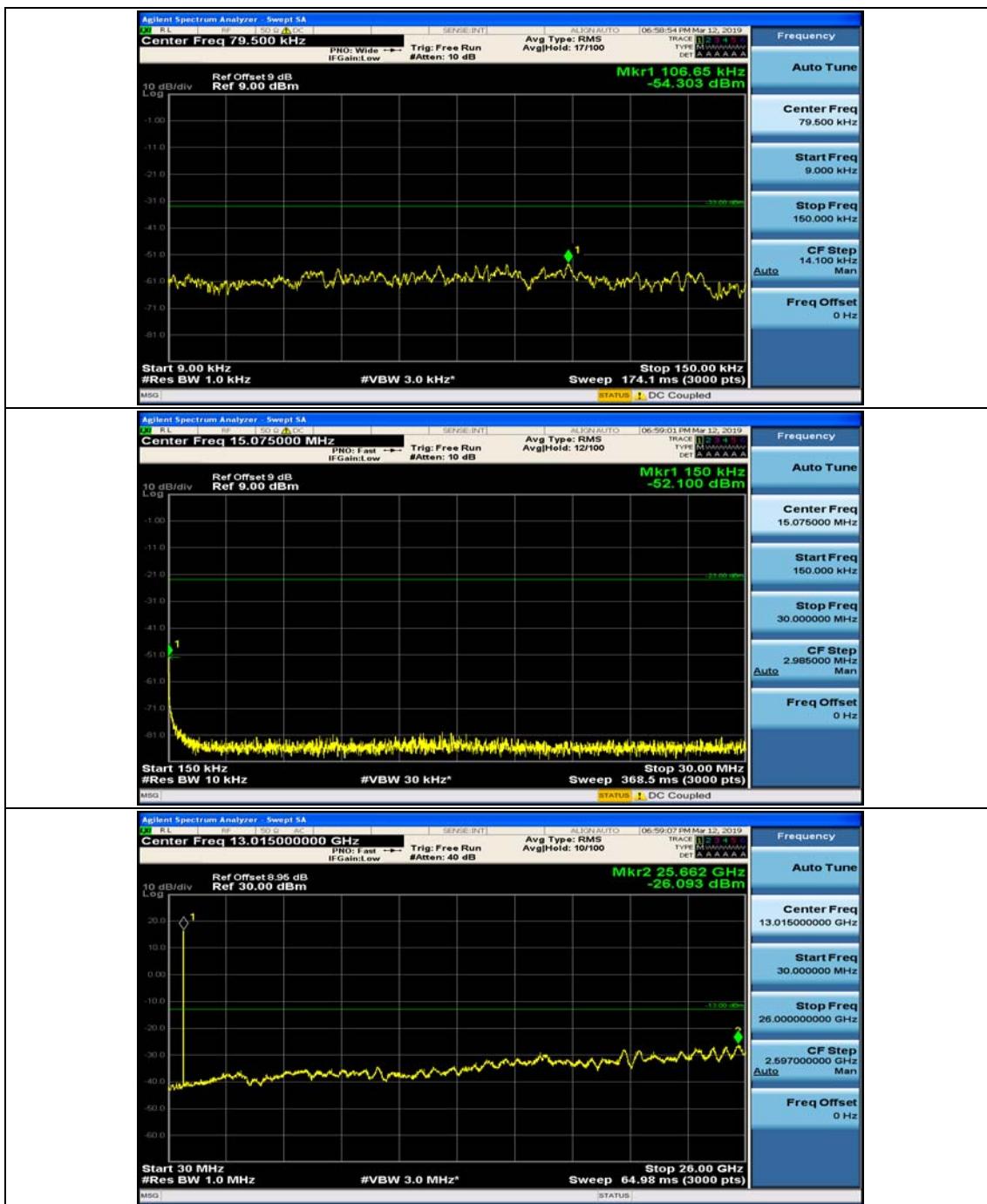


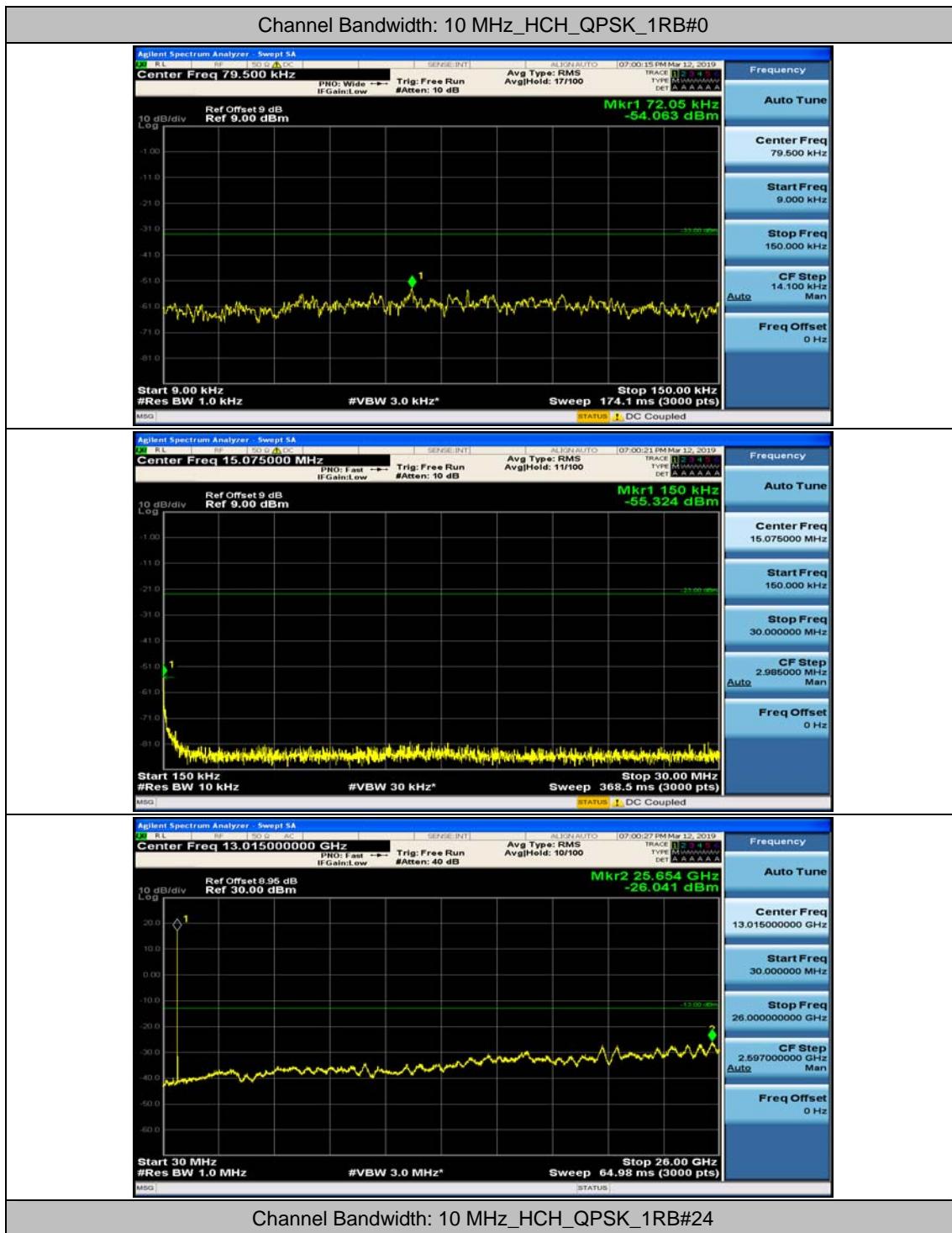


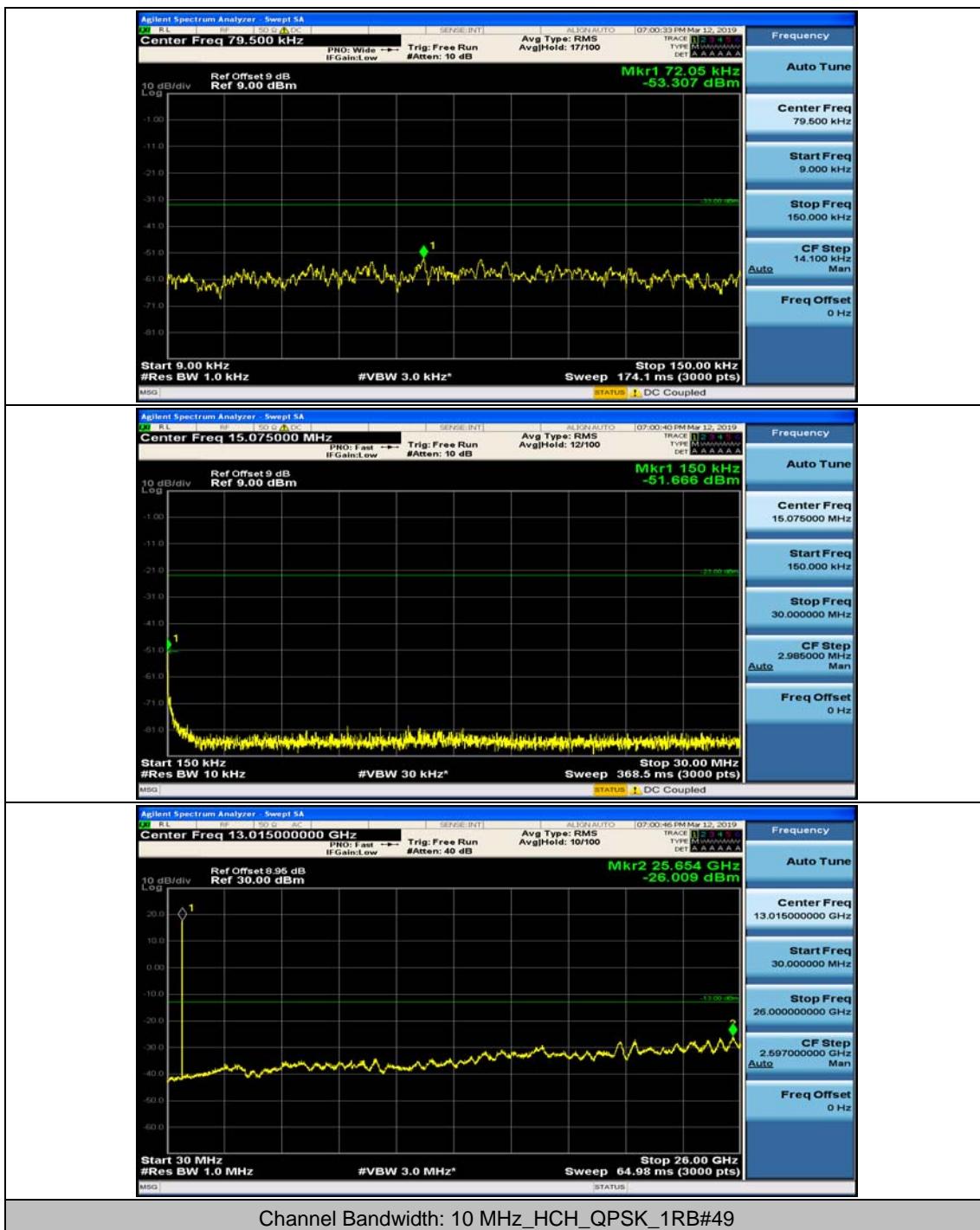


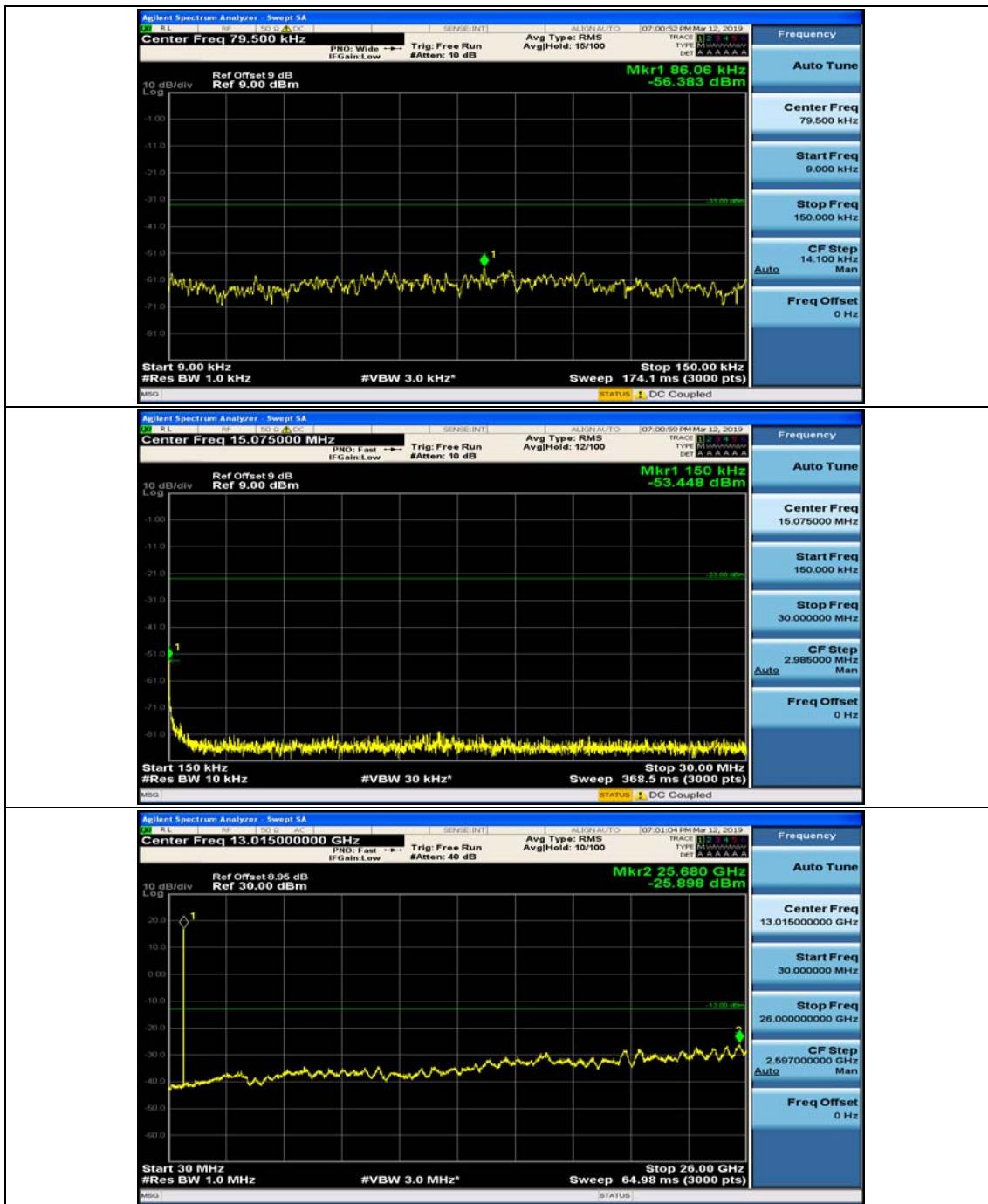


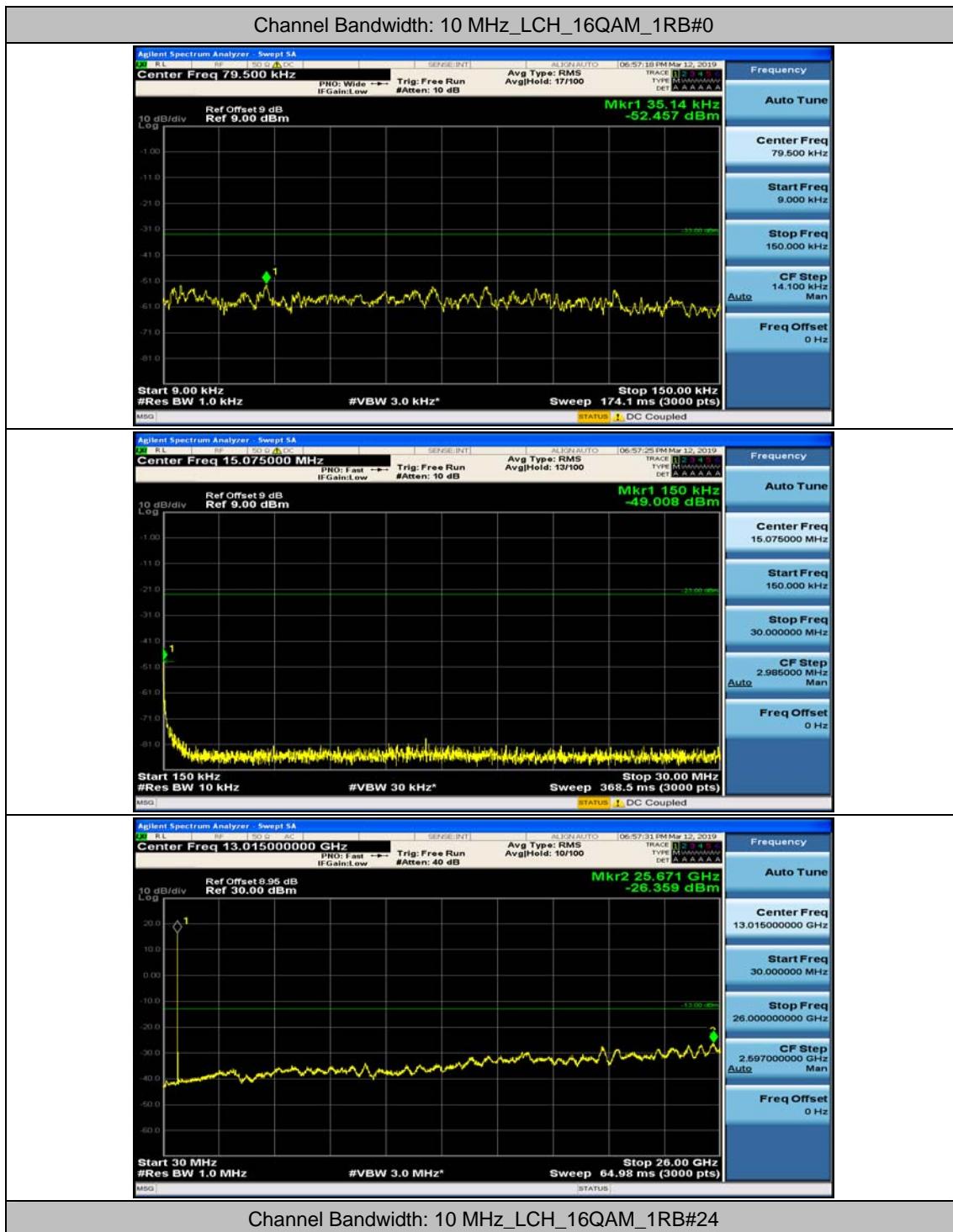


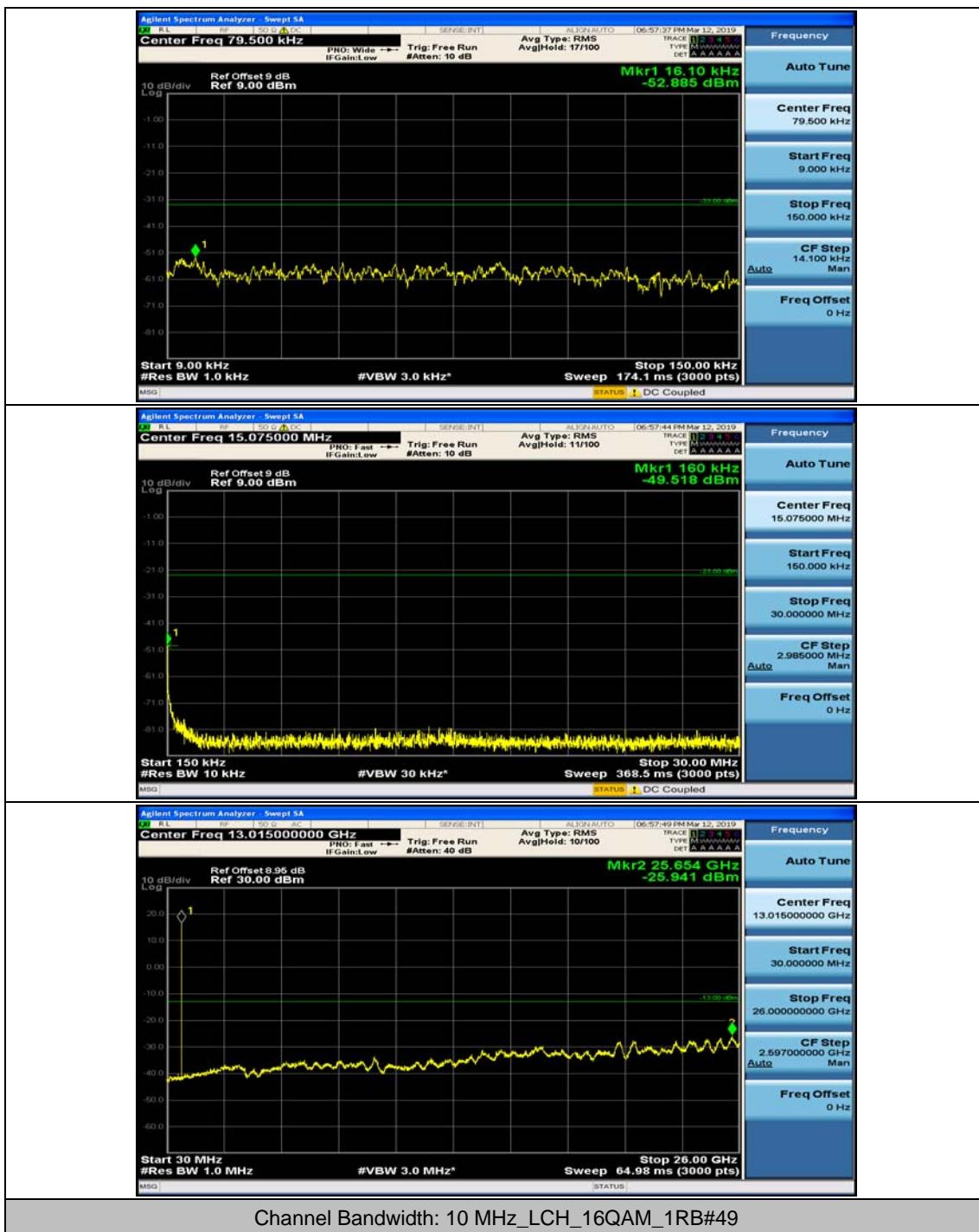


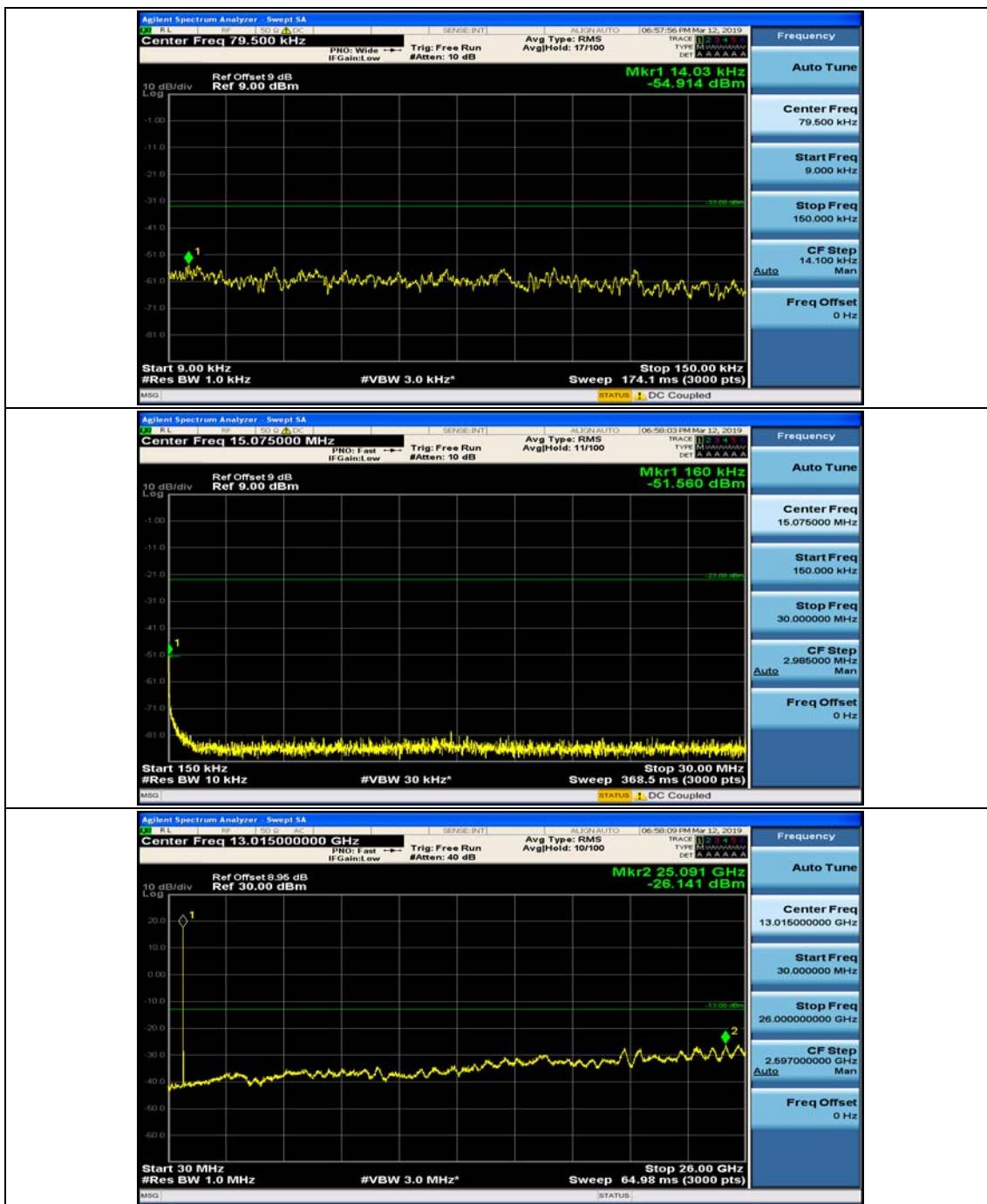


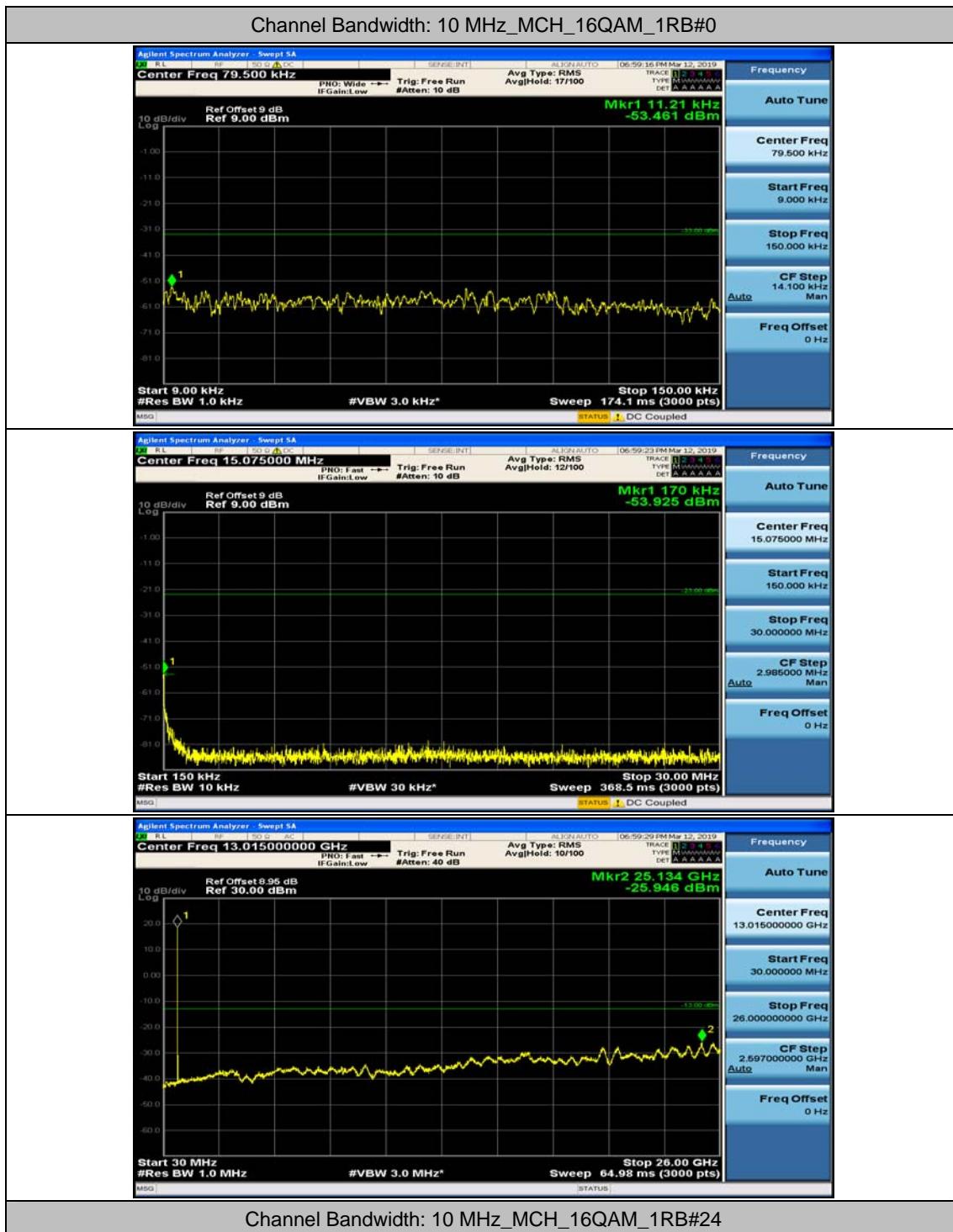


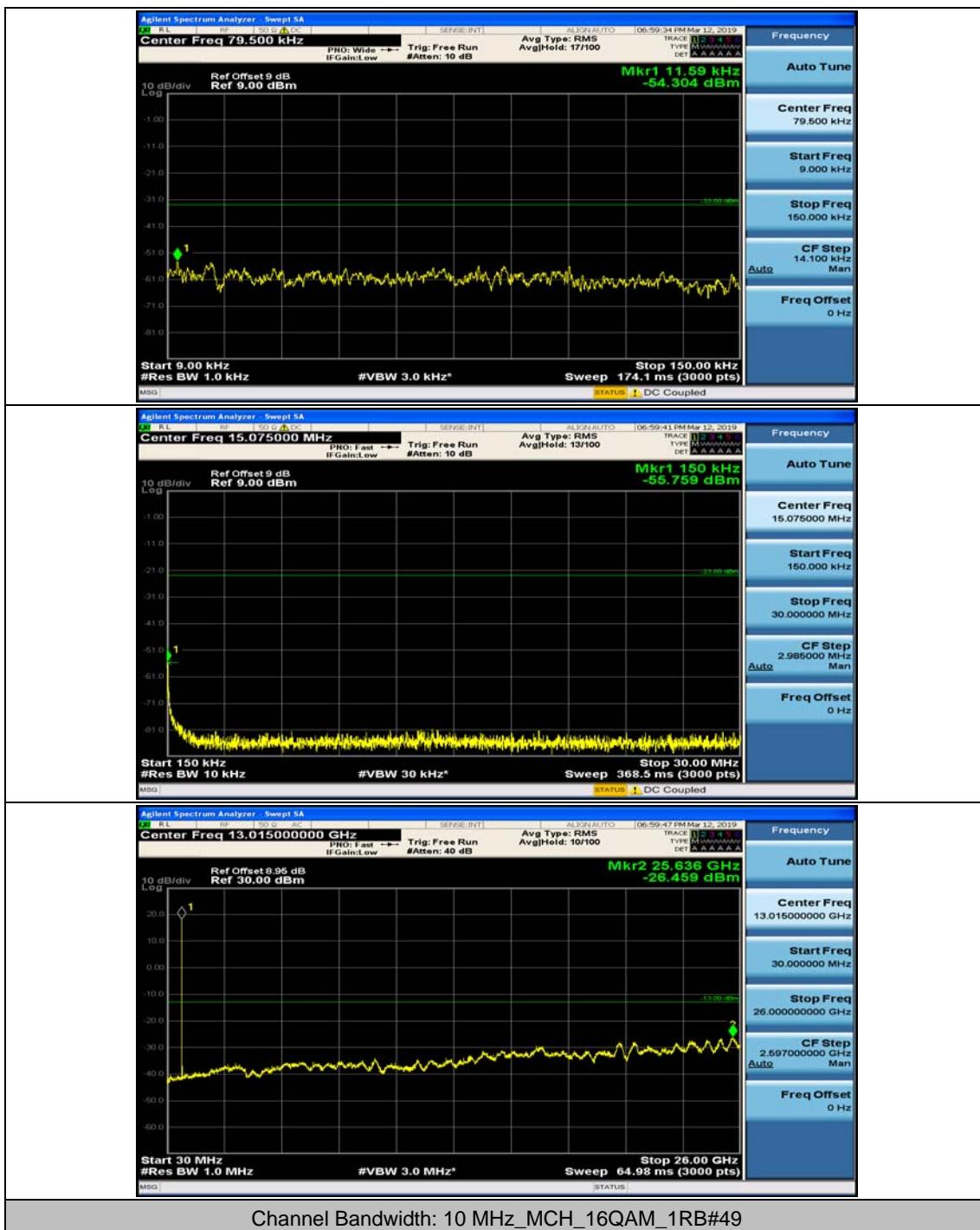


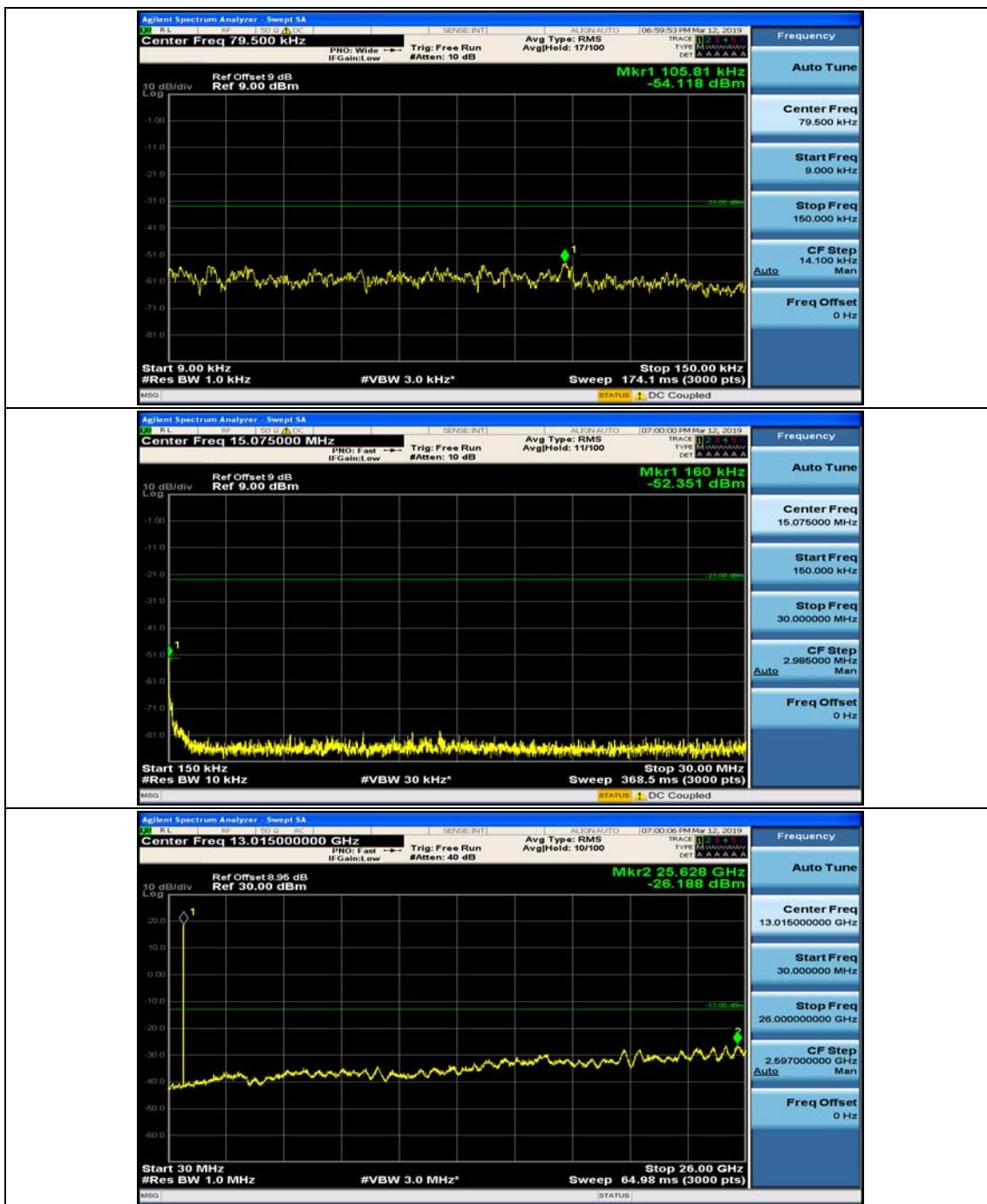


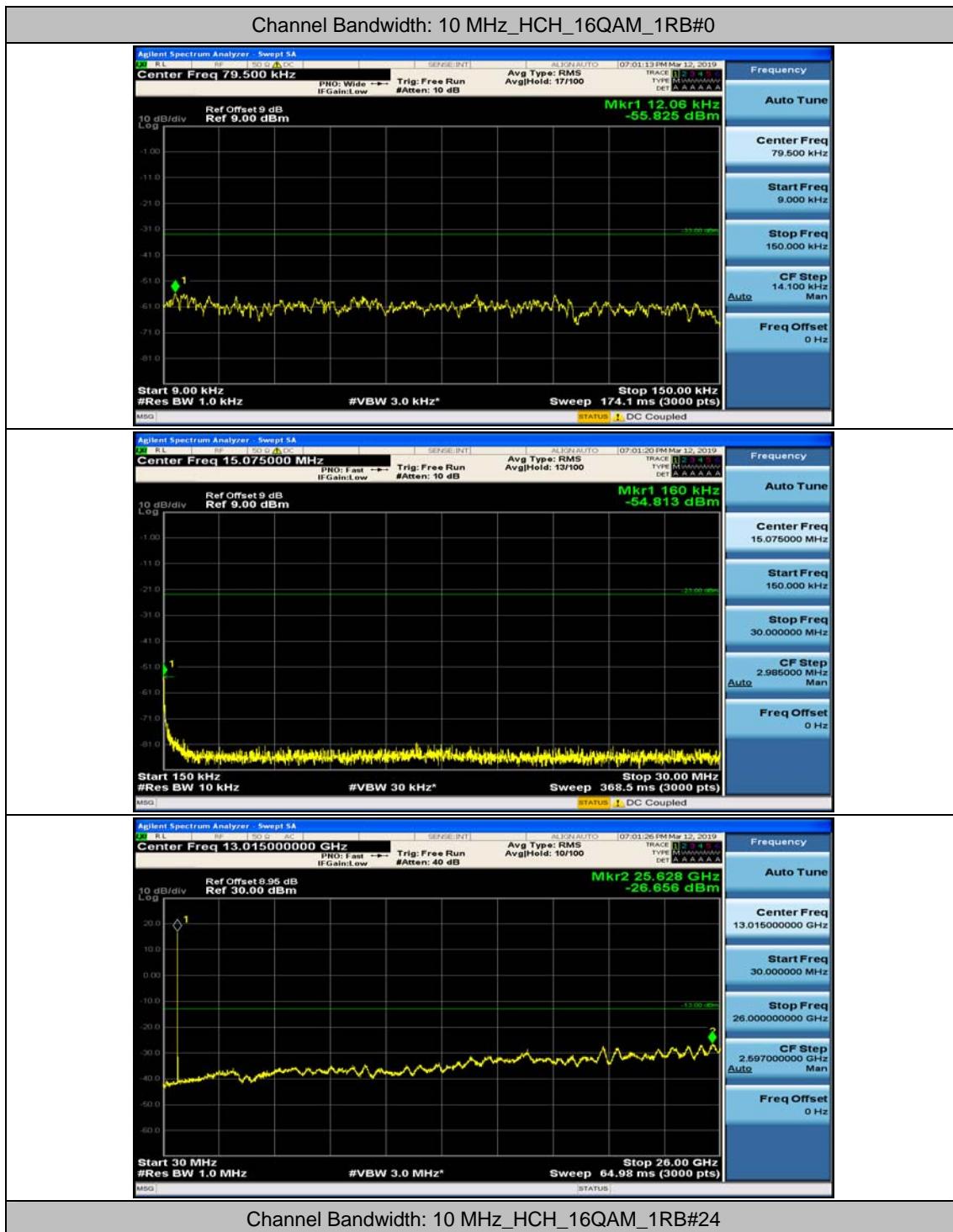


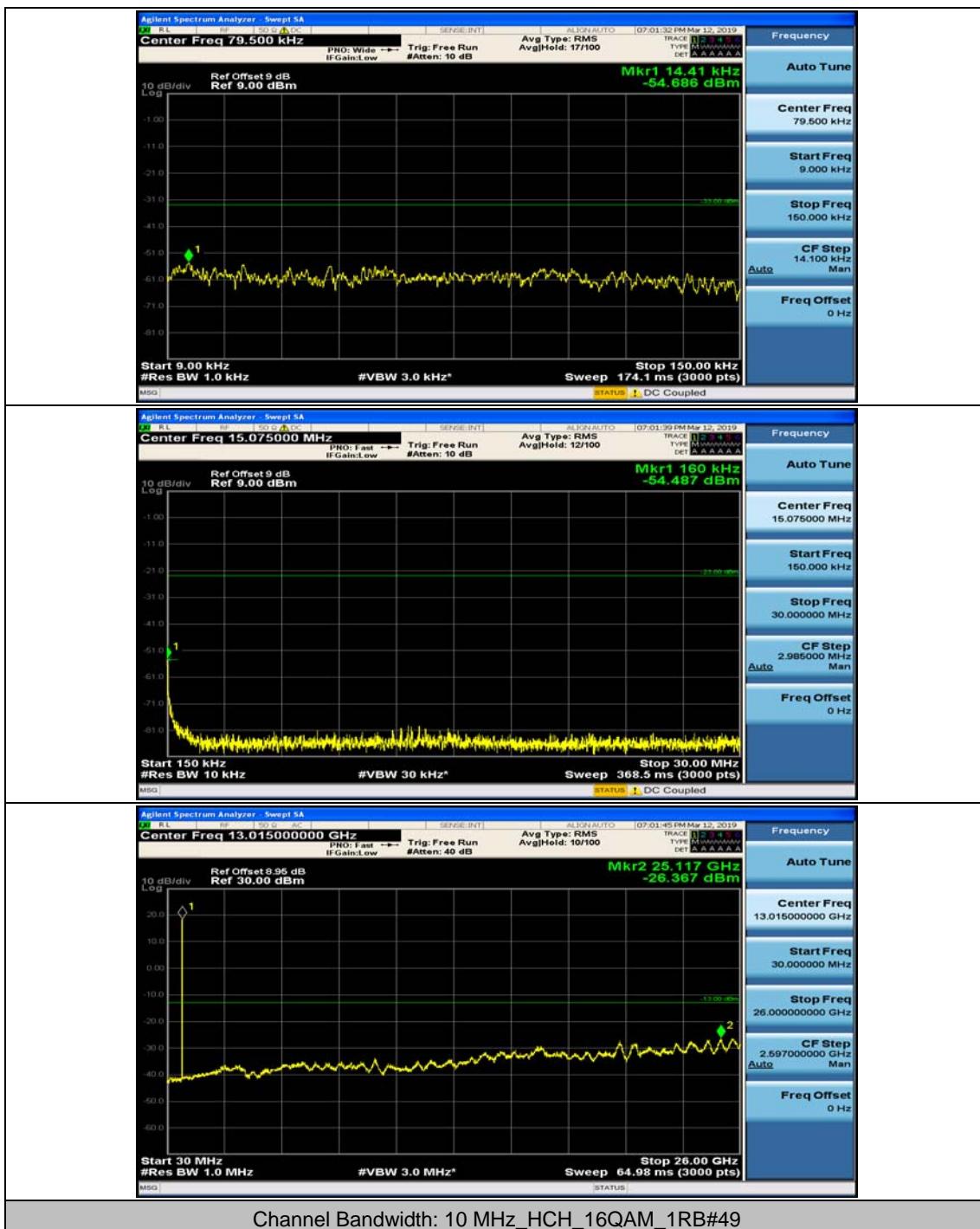


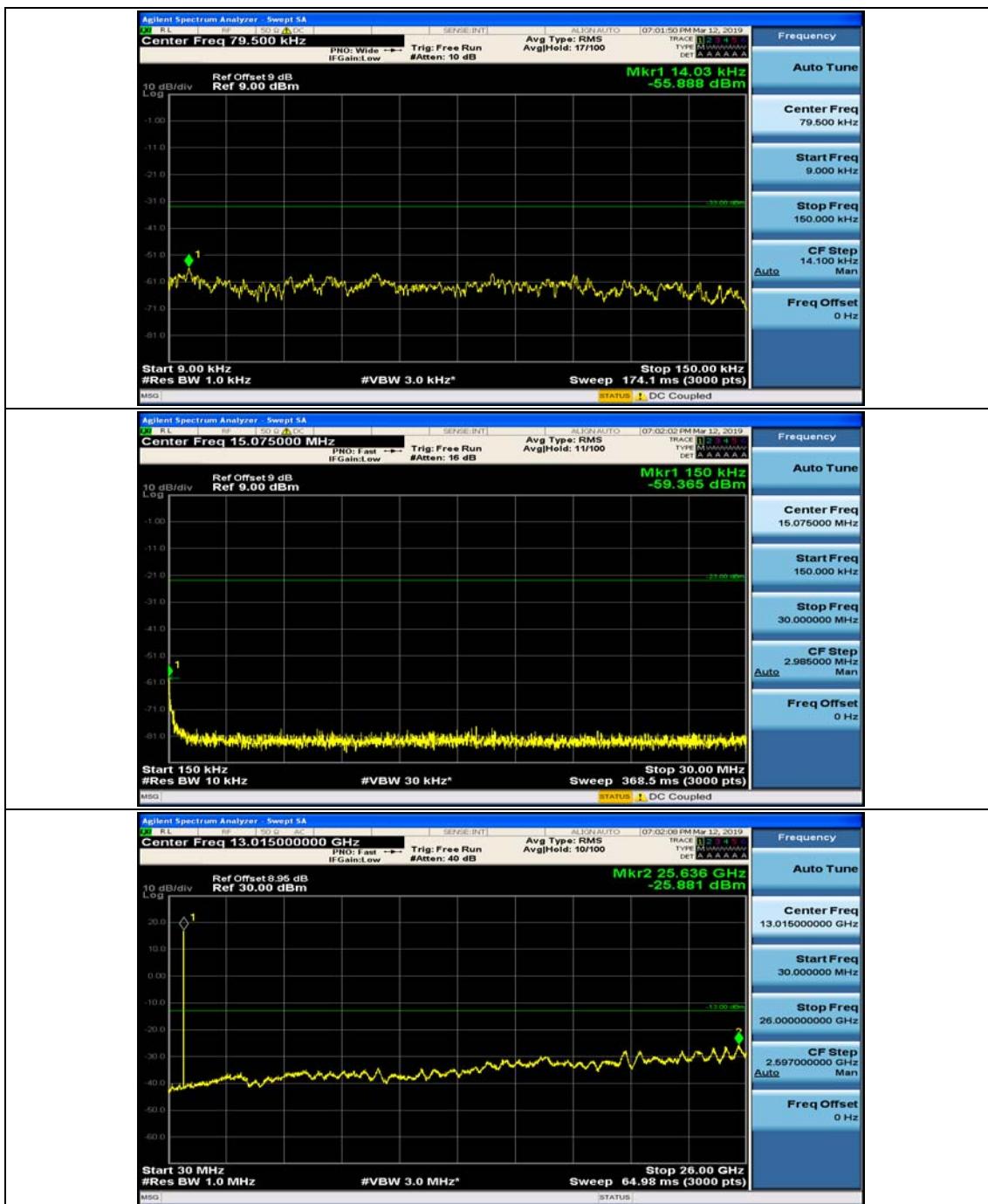












Appendix F: Frequency Stability

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	-1.82	-0.002601	± 2.5	PASS
		VN	TN	0.91	0.001301	± 2.5	PASS
		VH	TN	-0.42	-0.000600	± 2.5	PASS
	MCH	VL	TN	4.59	0.006488	± 2.5	PASS
		VN	TN	-1.46	-0.002064	± 2.5	PASS
		VH	TN	1.85	0.002615	± 2.5	PASS
	HCH	VL	TN	-1.53	-0.002139	± 2.5	PASS
		VN	TN	-1.13	-0.001580	± 2.5	PASS
		VH	TN	4.87	0.006808	± 2.5	PASS
16QAM	LCH	VL	TN	-1.39	-0.001987	± 2.5	PASS
		VN	TN	-1.75	-0.002501	± 2.5	PASS
		VH	TN	-1.47	-0.002101	± 2.5	PASS
	MCH	VL	TN	-1.66	-0.002346	± 2.5	PASS
		VN	TN	-1.23	-0.001739	± 2.5	PASS
		VH	TN	4.37	0.006177	± 2.5	PASS
	HCH	VL	TN	-1.6	-0.002237	± 2.5	PASS
		VN	TN	2.22	0.003104	± 2.5	PASS
		VH	TN	-0.96	-0.001342	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-0.7	-0.001000	± 2.5	PASS
		VN	-20	3.14	0.004488	± 2.5	PASS
		VN	-10	3.59	0.005131	± 2.5	PASS
		VN	0	1.67	0.002387	± 2.5	PASS
		VN	10	-0.59	-0.000843	± 2.5	PASS
		VN	20	4.46	0.006374	± 2.5	PASS
		VN	30	0.28	0.000400	± 2.5	PASS
		VN	40	4.78	0.006831	± 2.5	PASS
		VN	50	0.69	0.000986	± 2.5	PASS
	MCH	VN	-30	4.46	0.006304	± 2.5	PASS

		VN	-20	1.27	0.001795	± 2.5	PASS
		VN	-10	2.82	0.003986	± 2.5	PASS
		VN	0	0.05	0.000071	± 2.5	PASS
		VN	10	-1.6	-0.002261	± 2.5	PASS
		VN	20	4.99	0.007053	± 2.5	PASS
		VN	30	4.57	0.006459	± 2.5	PASS
		VN	40	3.13	0.004424	± 2.5	PASS
		VN	50	1.17	0.001654	± 2.5	PASS
	HCH	VN	-30	2.12	0.002964	± 2.5	PASS
		VN	-20	3.33	0.004655	± 2.5	PASS
		VN	-10	4.39	0.006137	± 2.5	PASS
		VN	0	4.19	0.005858	± 2.5	PASS
		VN	10	2.3	0.003215	± 2.5	PASS
		VN	20	1.4	0.001957	± 2.5	PASS
		VN	30	-0.78	-0.001090	± 2.5	PASS
		VN	40	2.27	0.003173	± 2.5	PASS
		VN	50	1.98	0.002768	± 2.5	PASS
16QAM	LCH	VN	-30	2.72	0.003887	± 2.5	PASS
		VN	-20	-1.76	-0.002515	± 2.5	PASS
		VN	-10	-0.25	-0.000357	± 2.5	PASS
		VN	0	-1.68	-0.002401	± 2.5	PASS
		VN	10	-1.67	-0.002387	± 2.5	PASS
		VN	20	0.43	0.000615	± 2.5	PASS
		VN	30	3.81	0.005445	± 2.5	PASS
		VN	40	1.9	0.002715	± 2.5	PASS
		VN	50	2.09	0.002987	± 2.5	PASS
	MCH	VN	-30	-0.06	-0.000085	± 2.5	PASS
		VN	-20	2.91	0.004113	± 2.5	PASS
		VN	-10	3.19	0.004509	± 2.5	PASS
		VN	0	2.71	0.003830	± 2.5	PASS
		VN	10	-0.31	-0.000438	± 2.5	PASS
		VN	20	-0.24	-0.000339	± 2.5	PASS
		VN	30	2.85	0.004028	± 2.5	PASS
		VN	40	1.75	0.002473	± 2.5	PASS
	HCH	VN	50	-1.49	-0.002106	± 2.5	PASS

