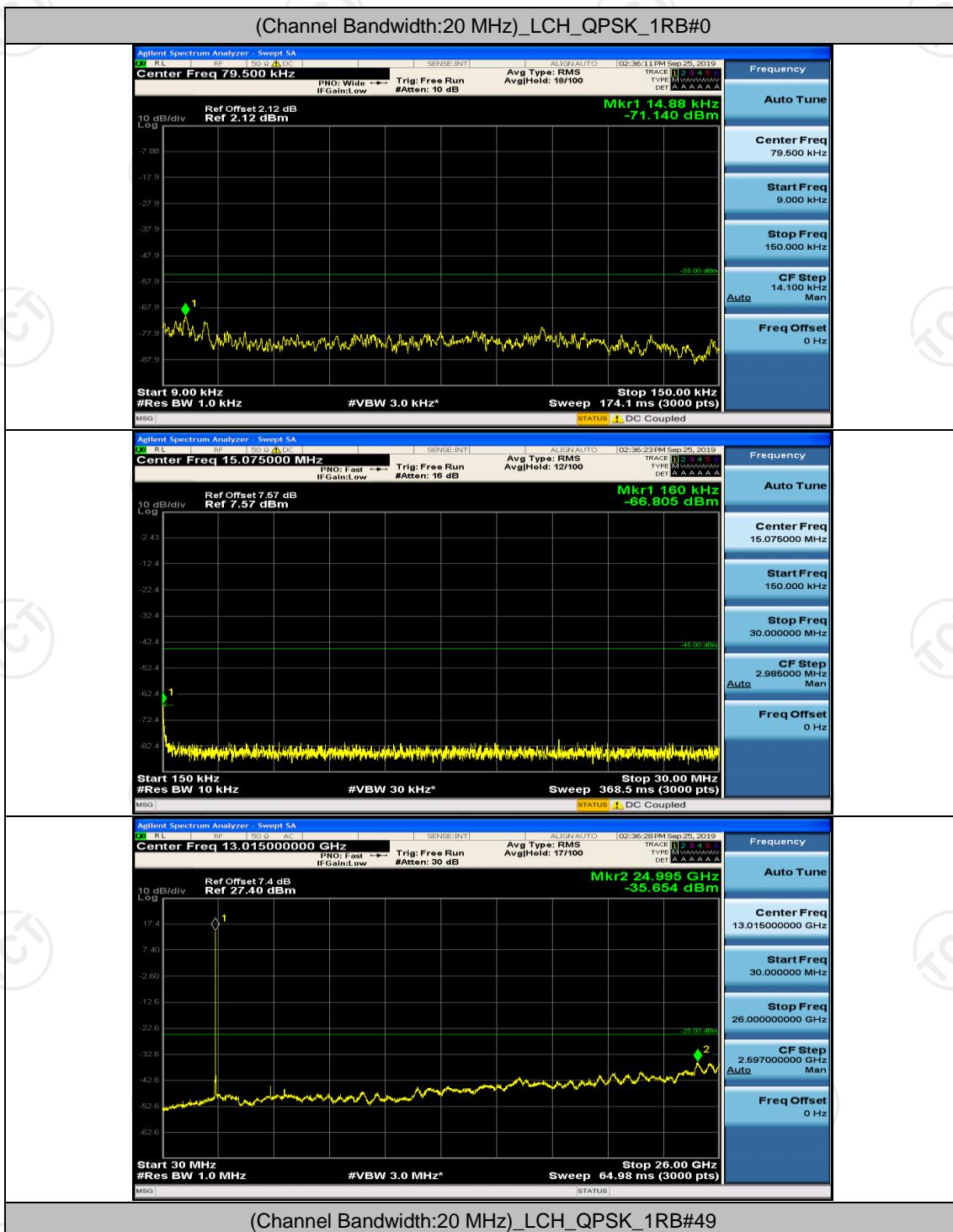
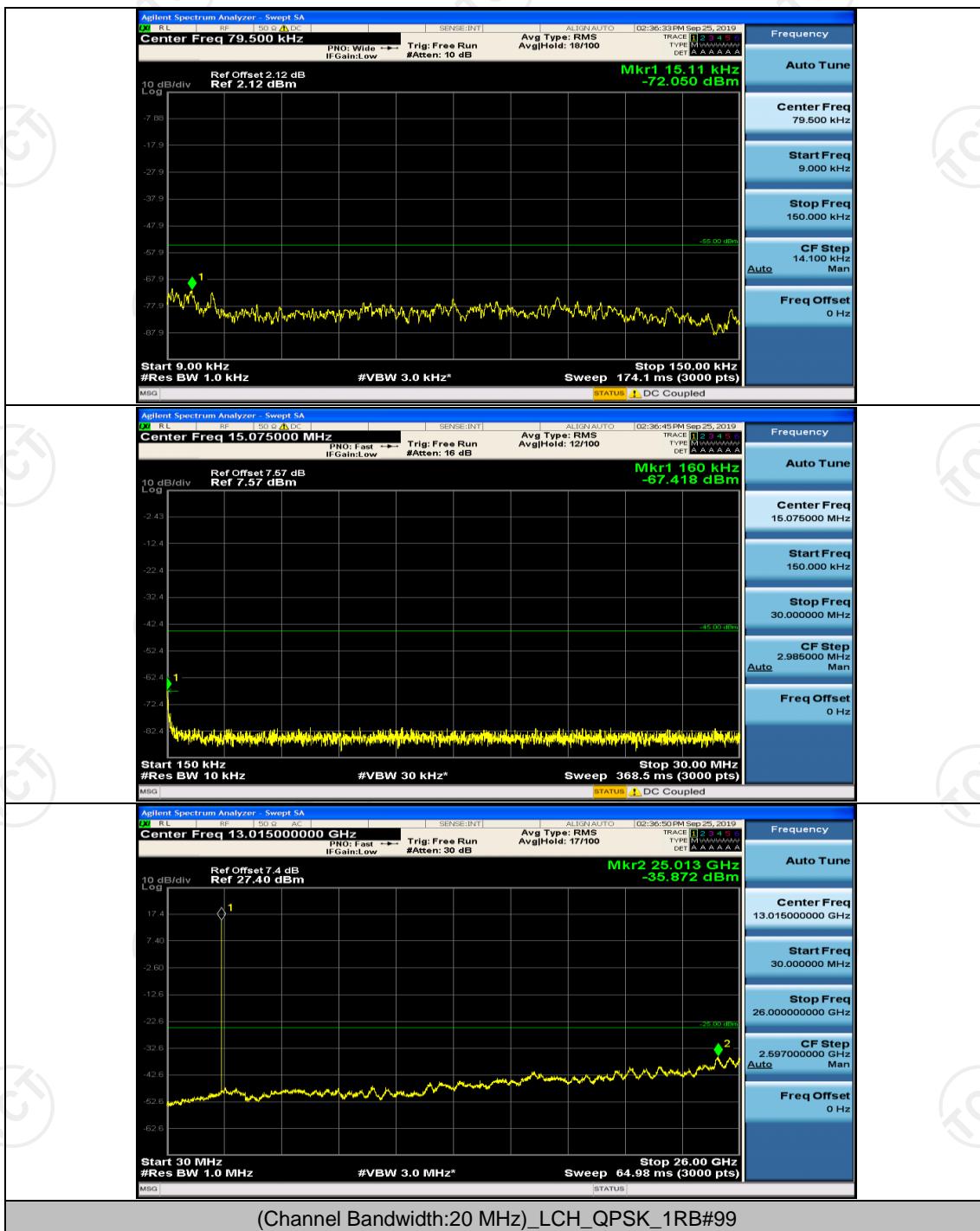
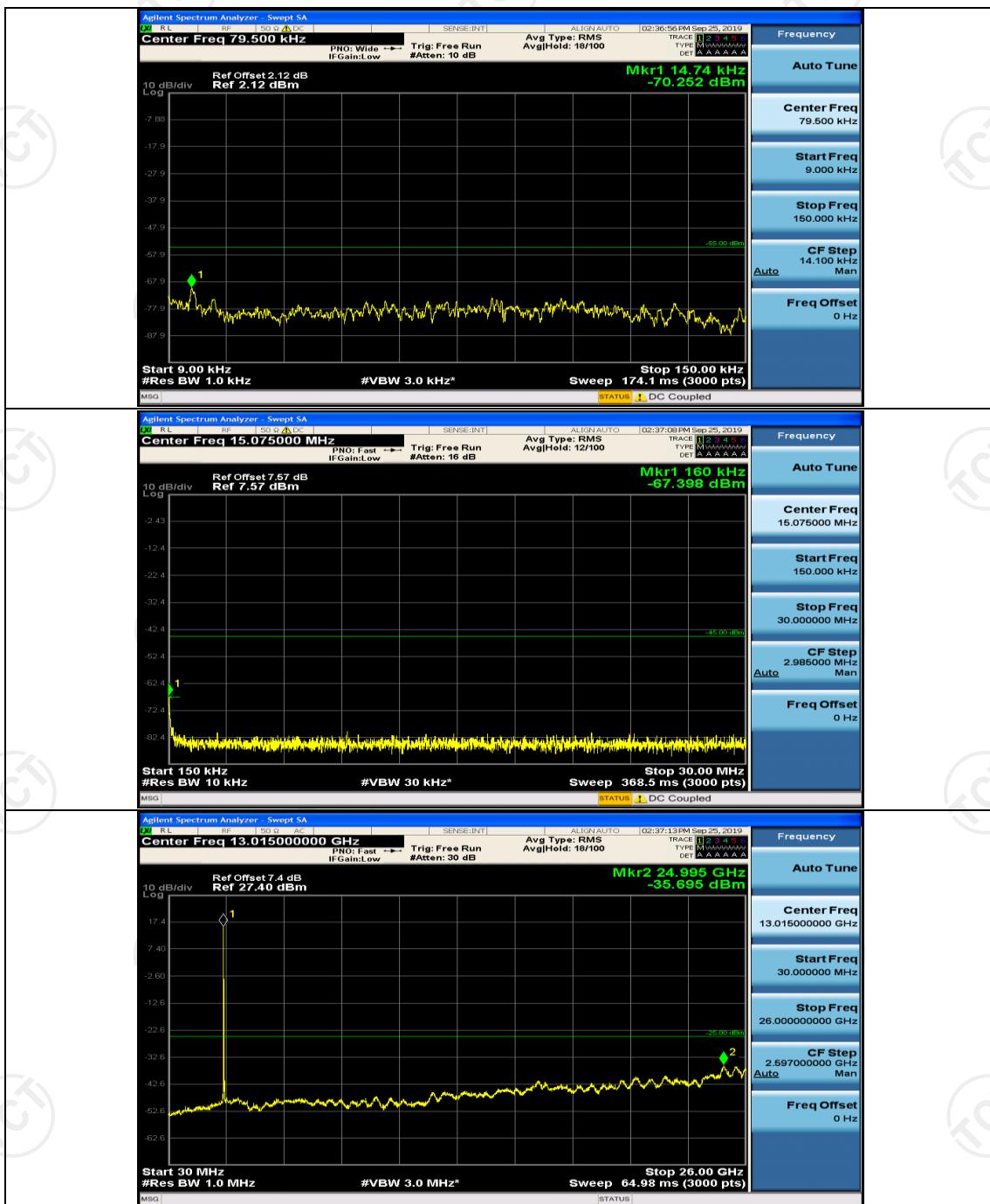
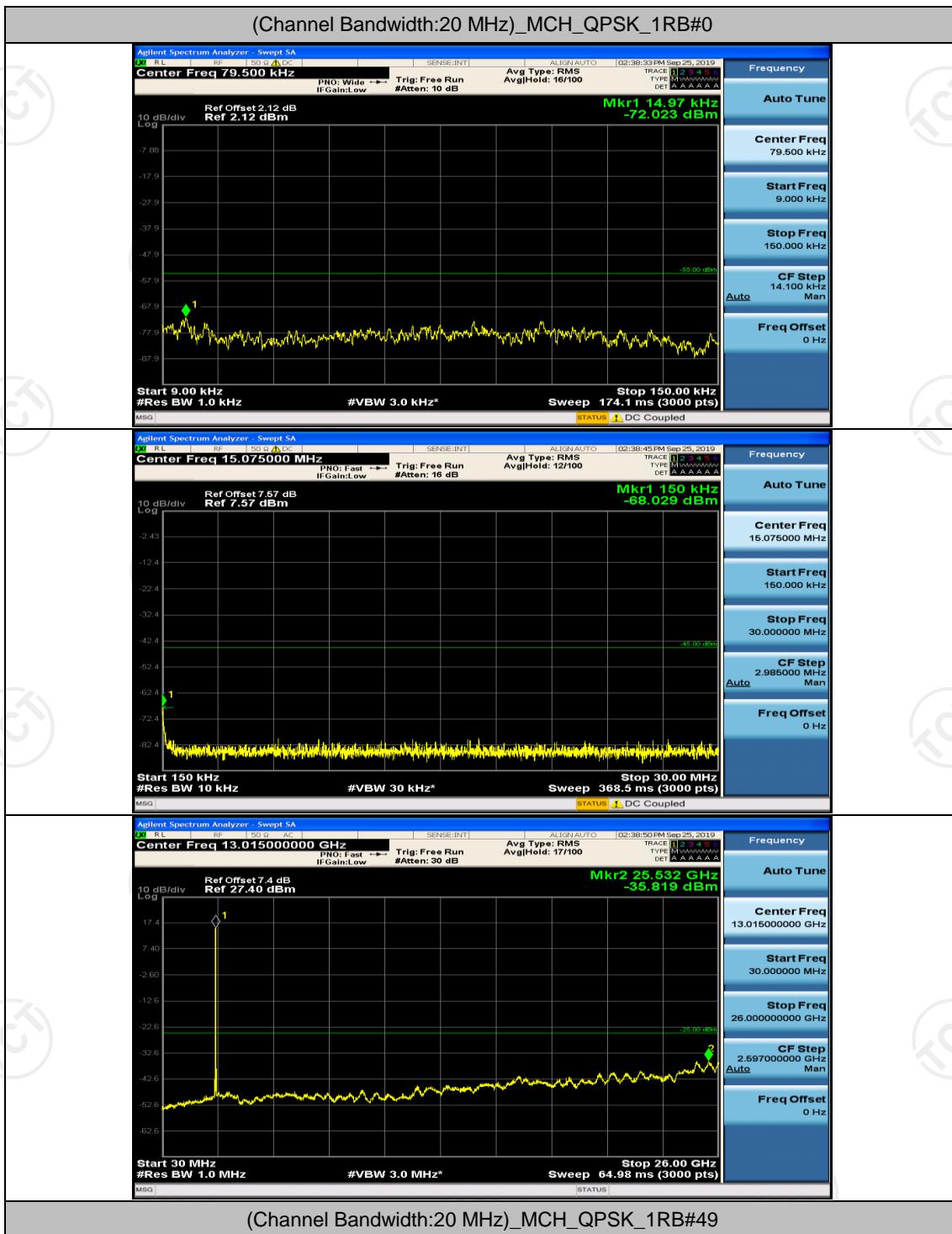


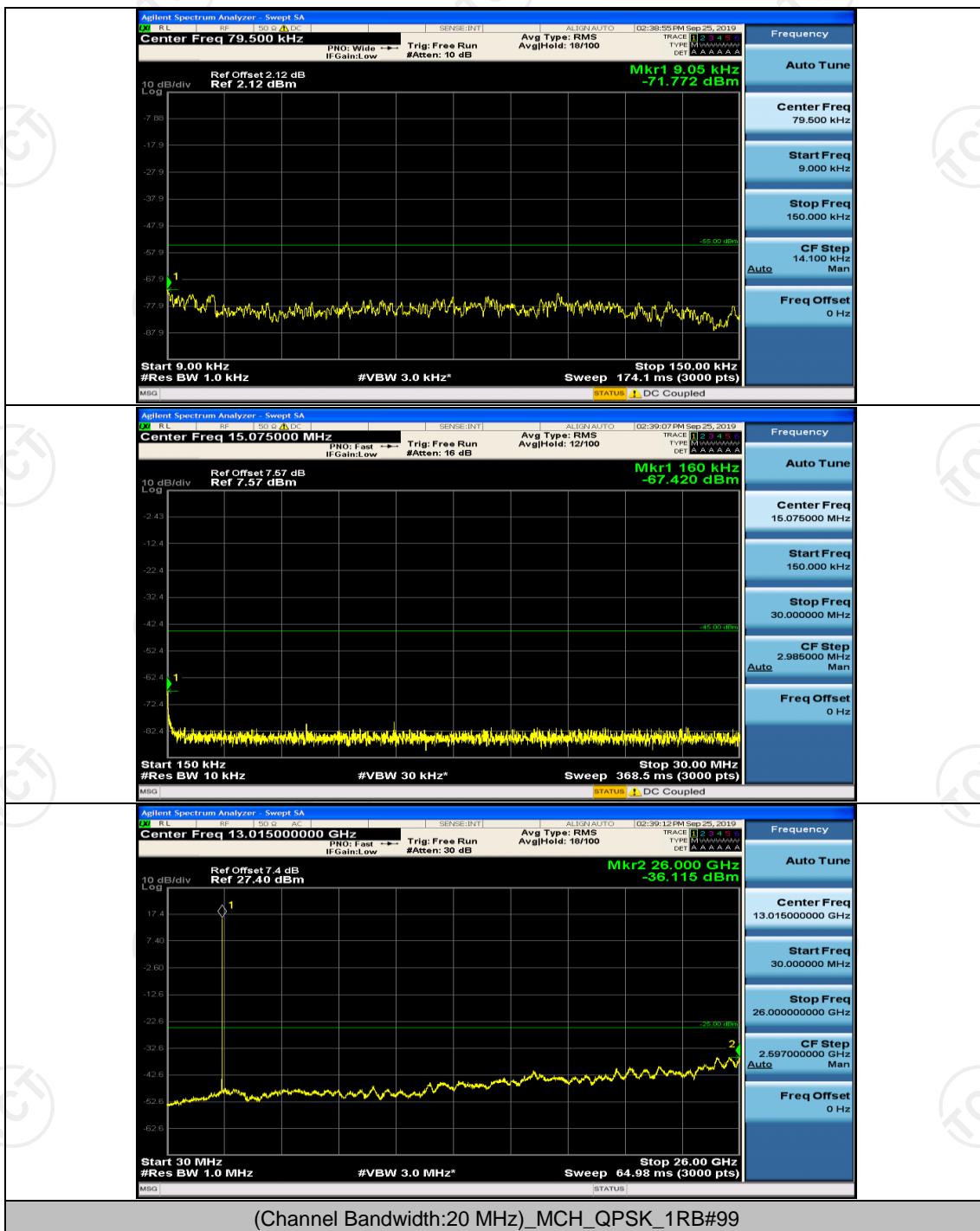
## Channel Bandwidth: 20 MHz



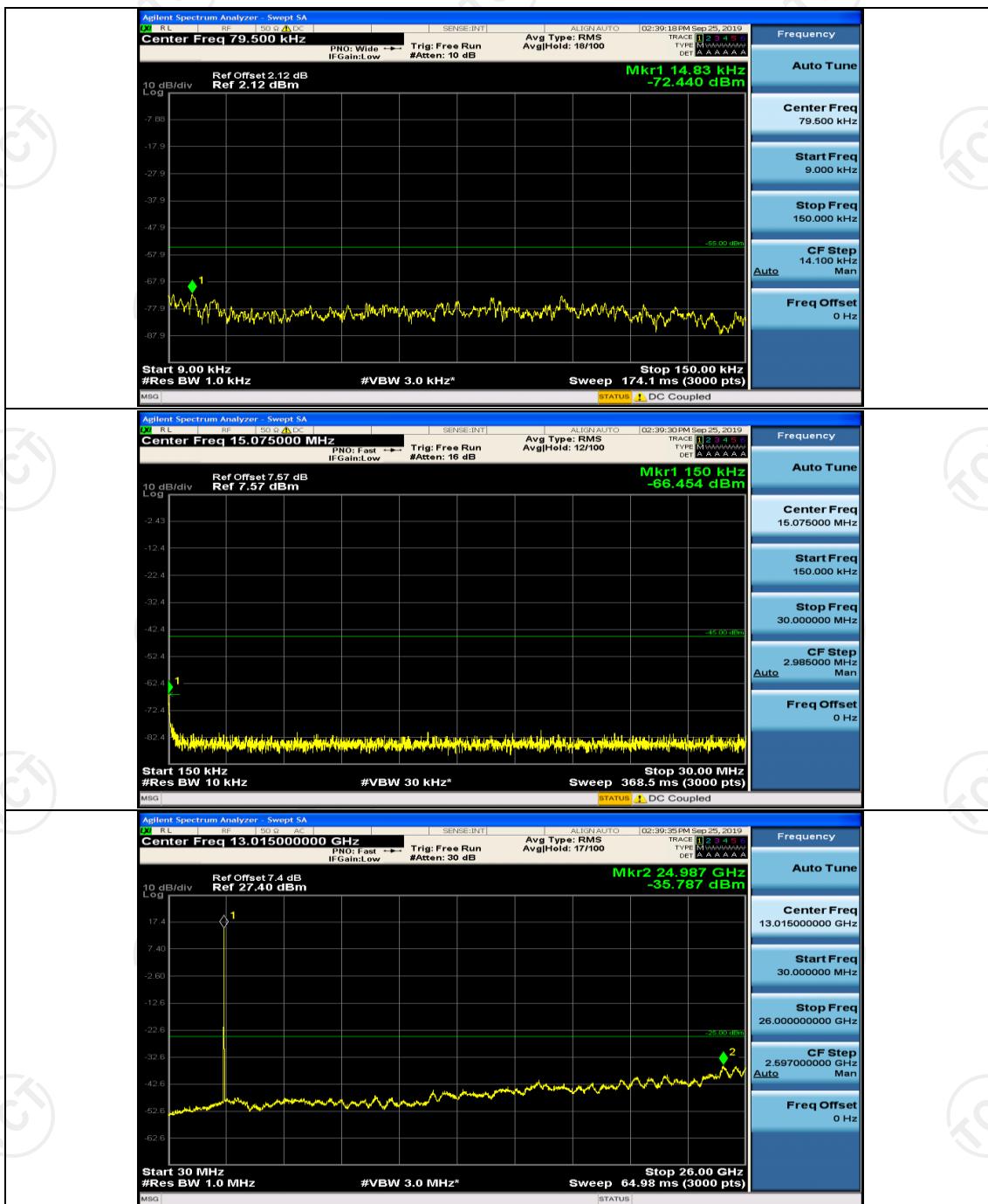




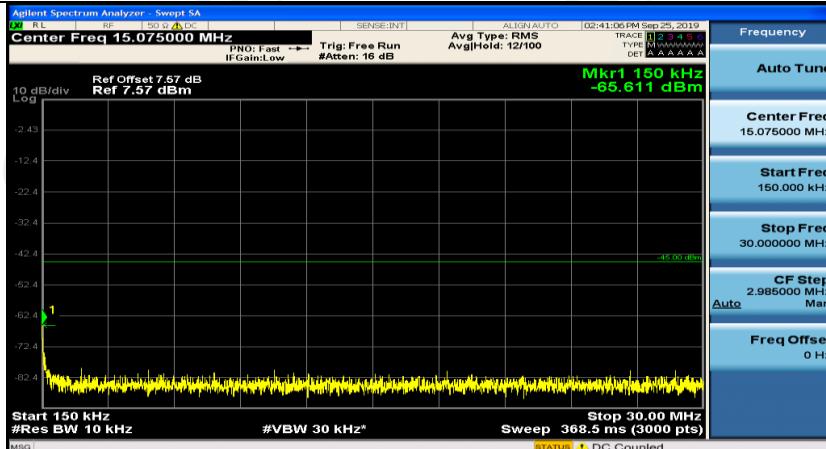
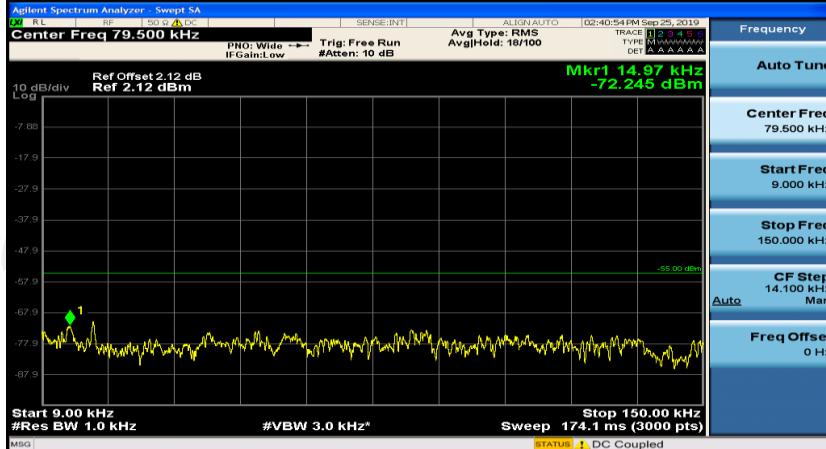




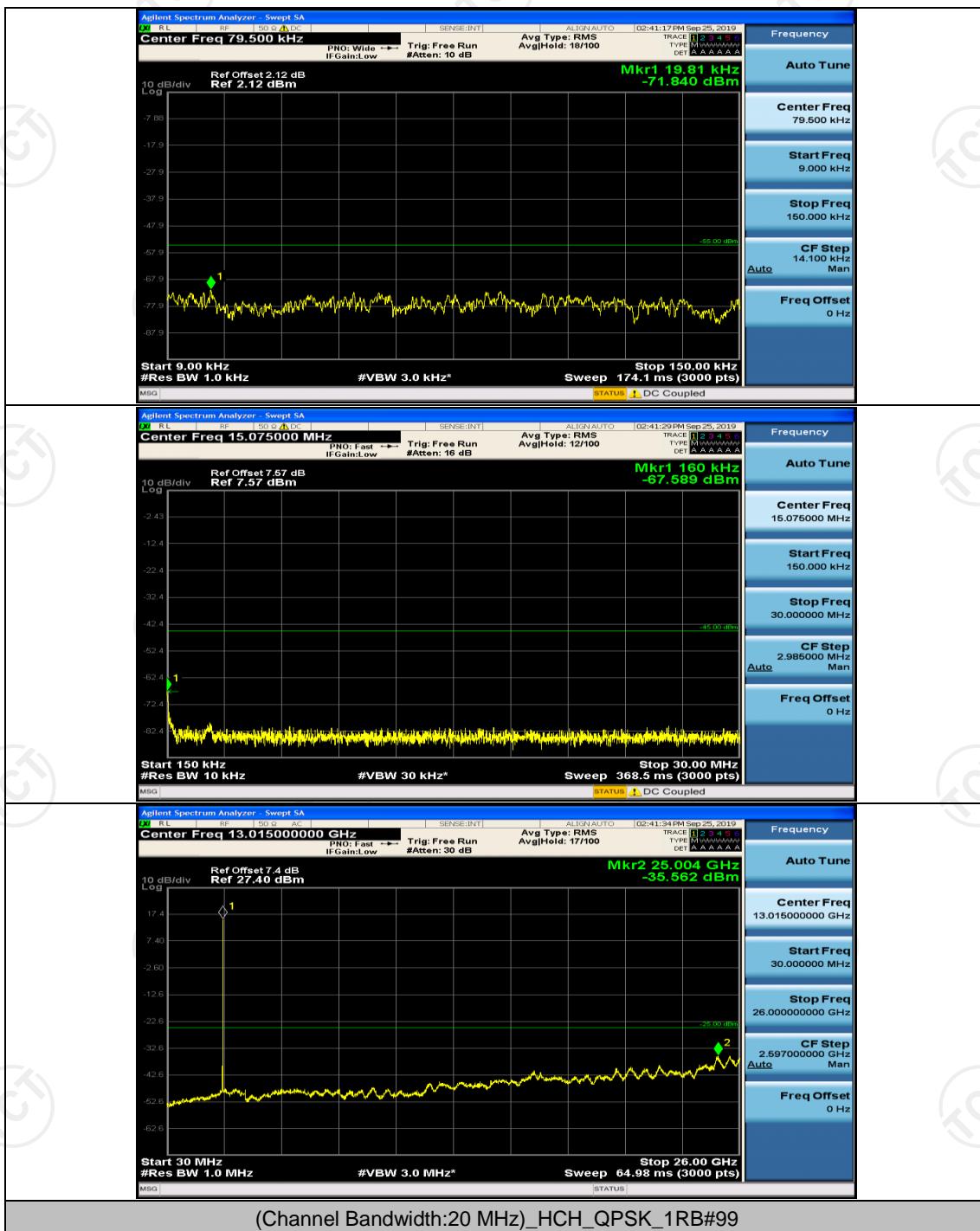
(Channel Bandwidth:20 MHz)\_MCH\_QPSK\_1RB#99

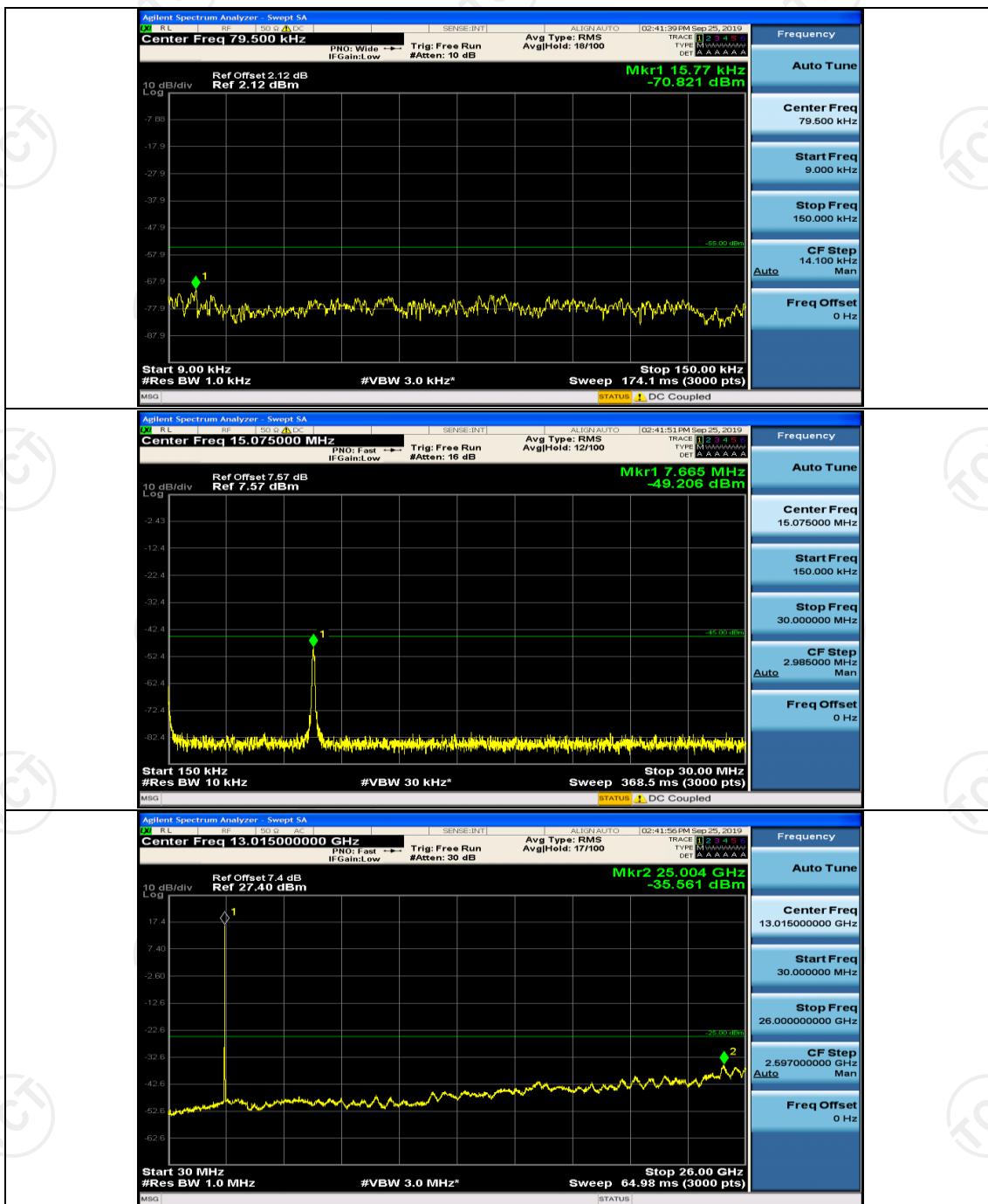


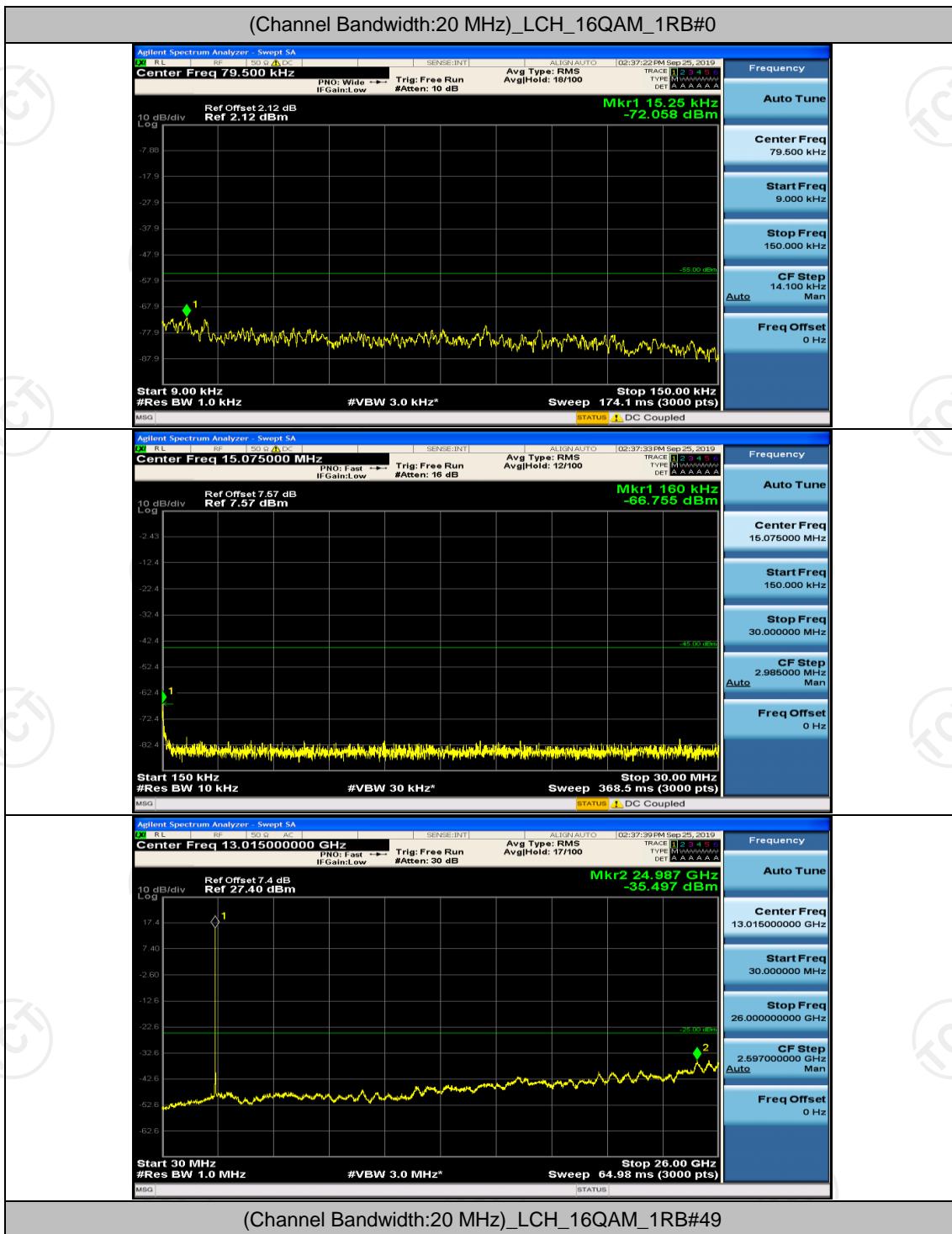
(Channel Bandwidth:20 MHz)\_HCH\_QPSK\_1RB#0

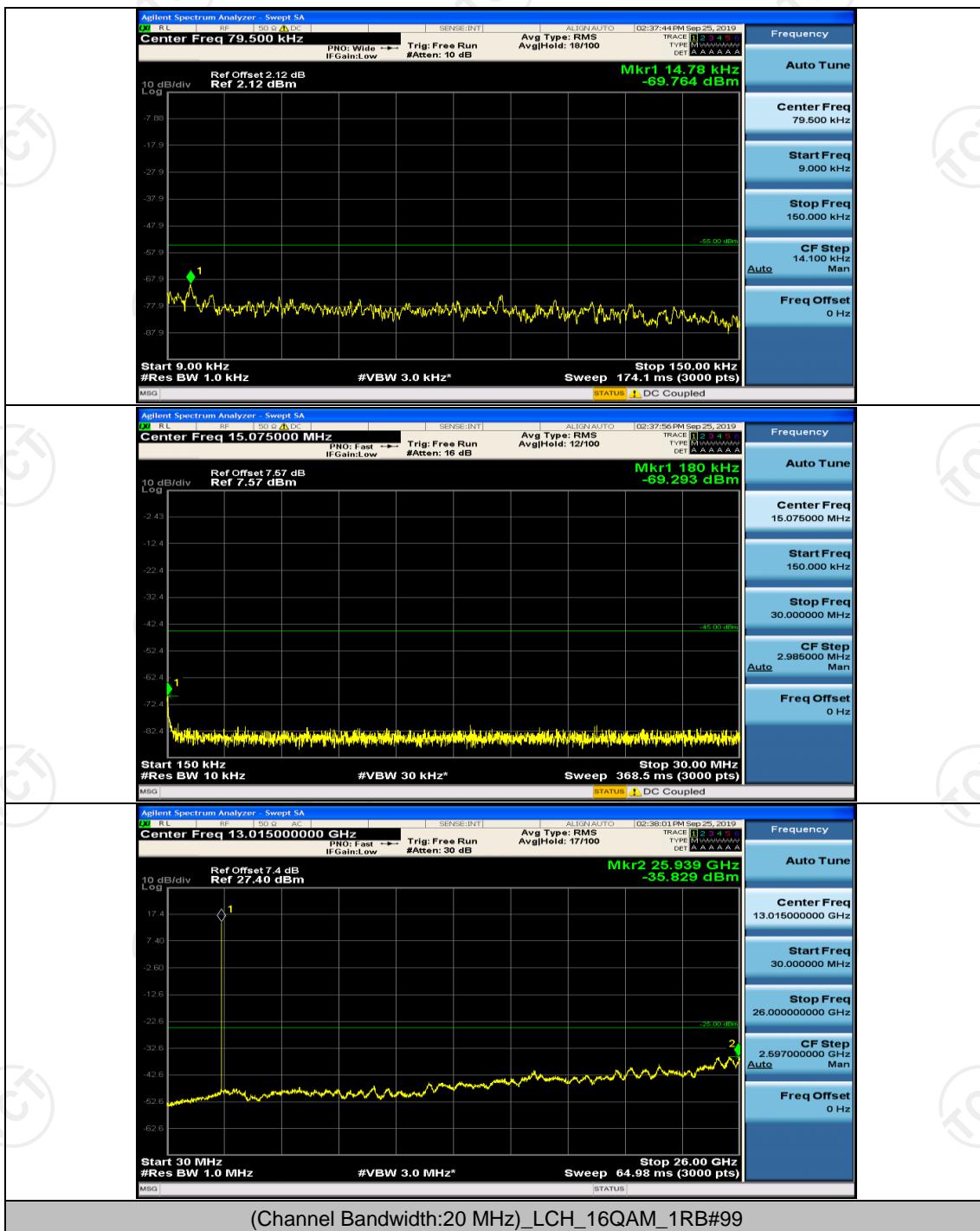


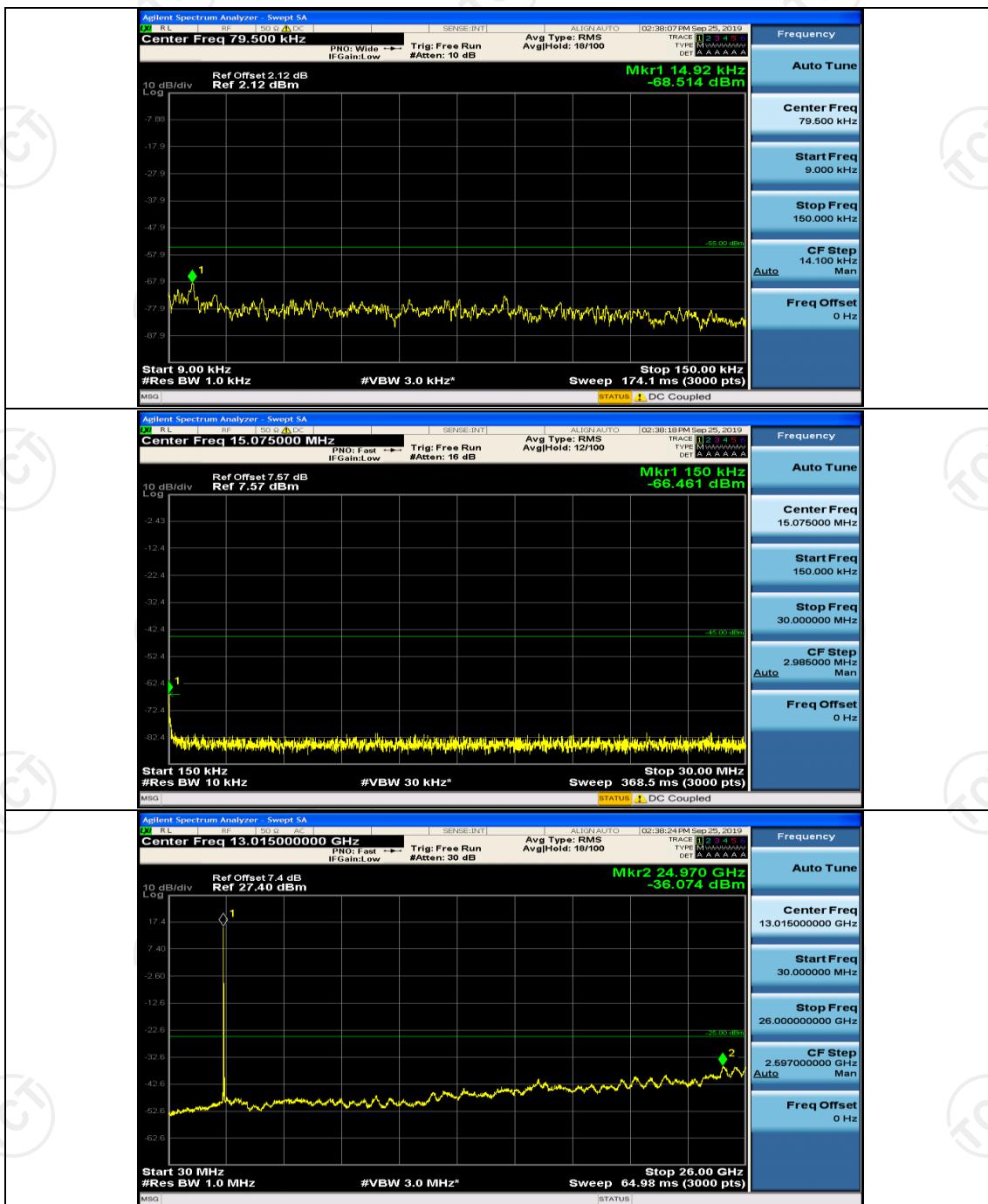
(Channel Bandwidth:20 MHz)\_HCH\_QPSK\_1RB#49

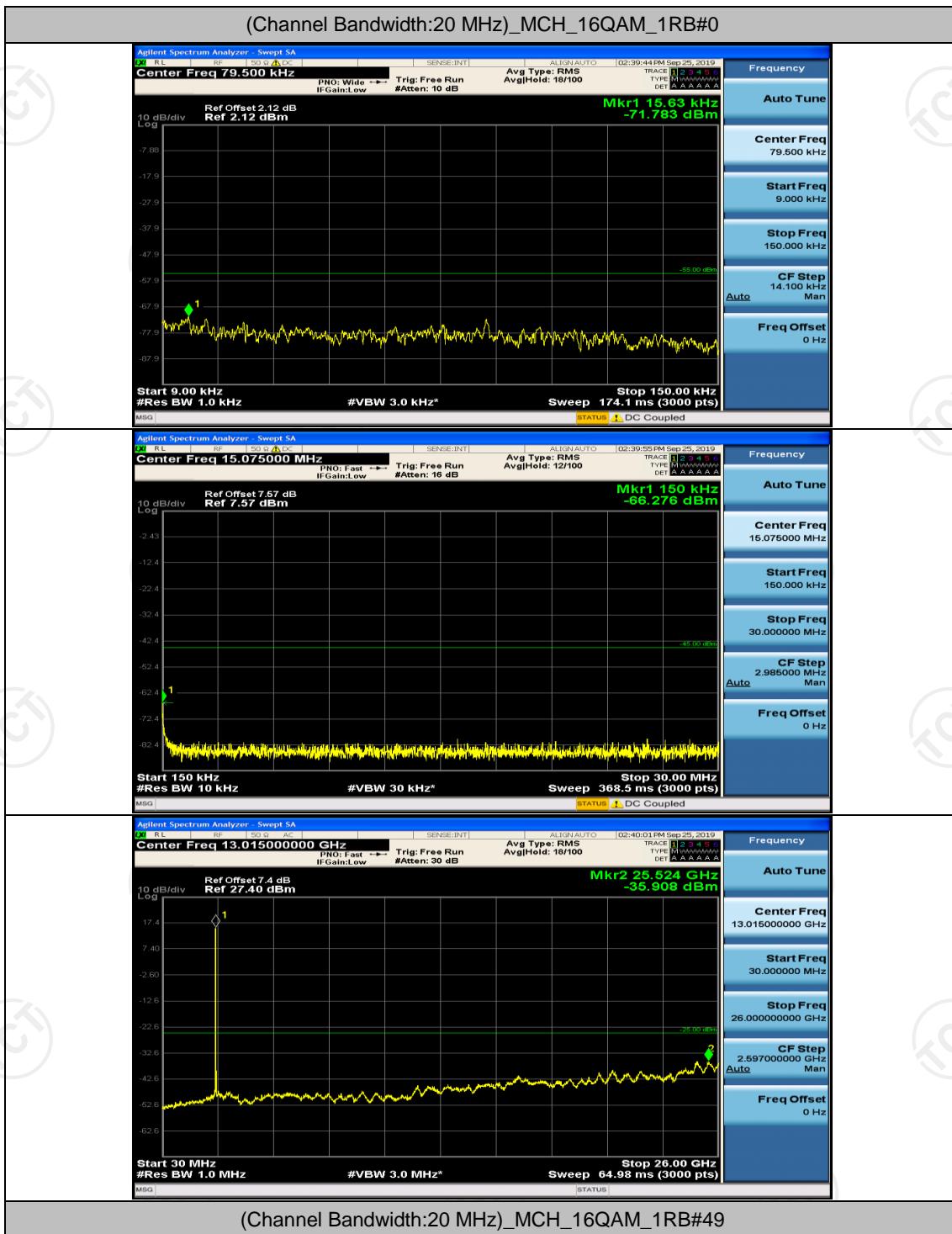


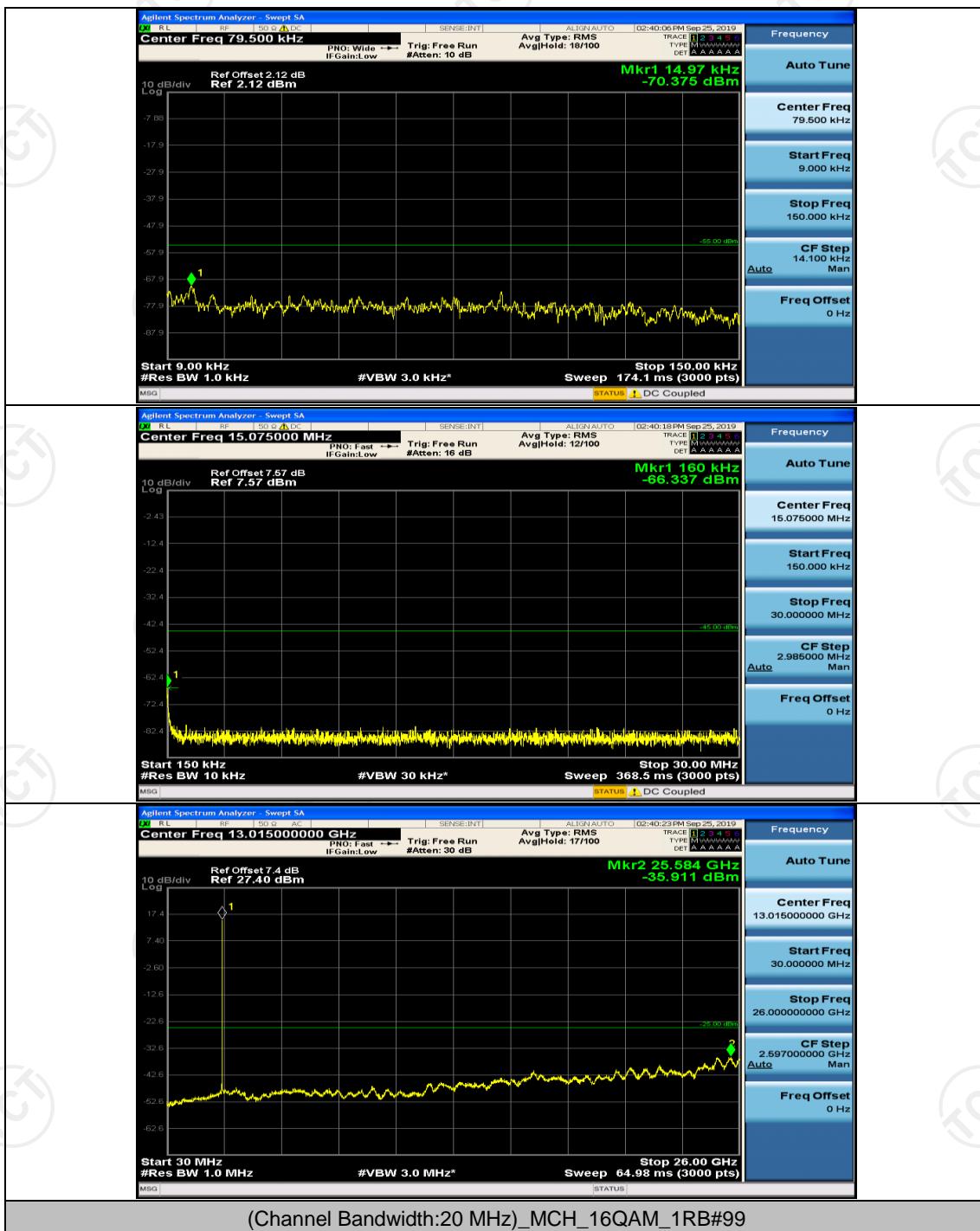


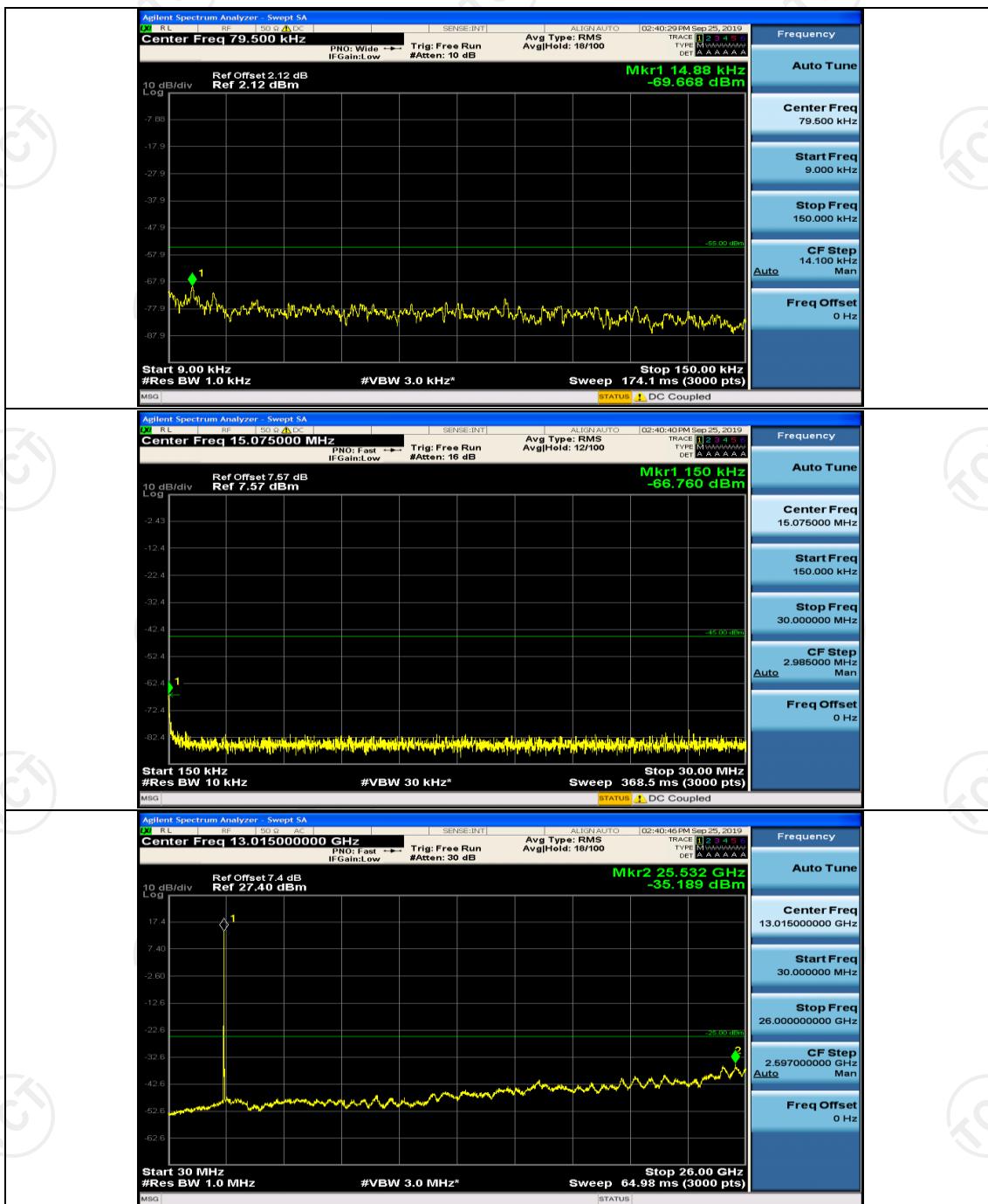


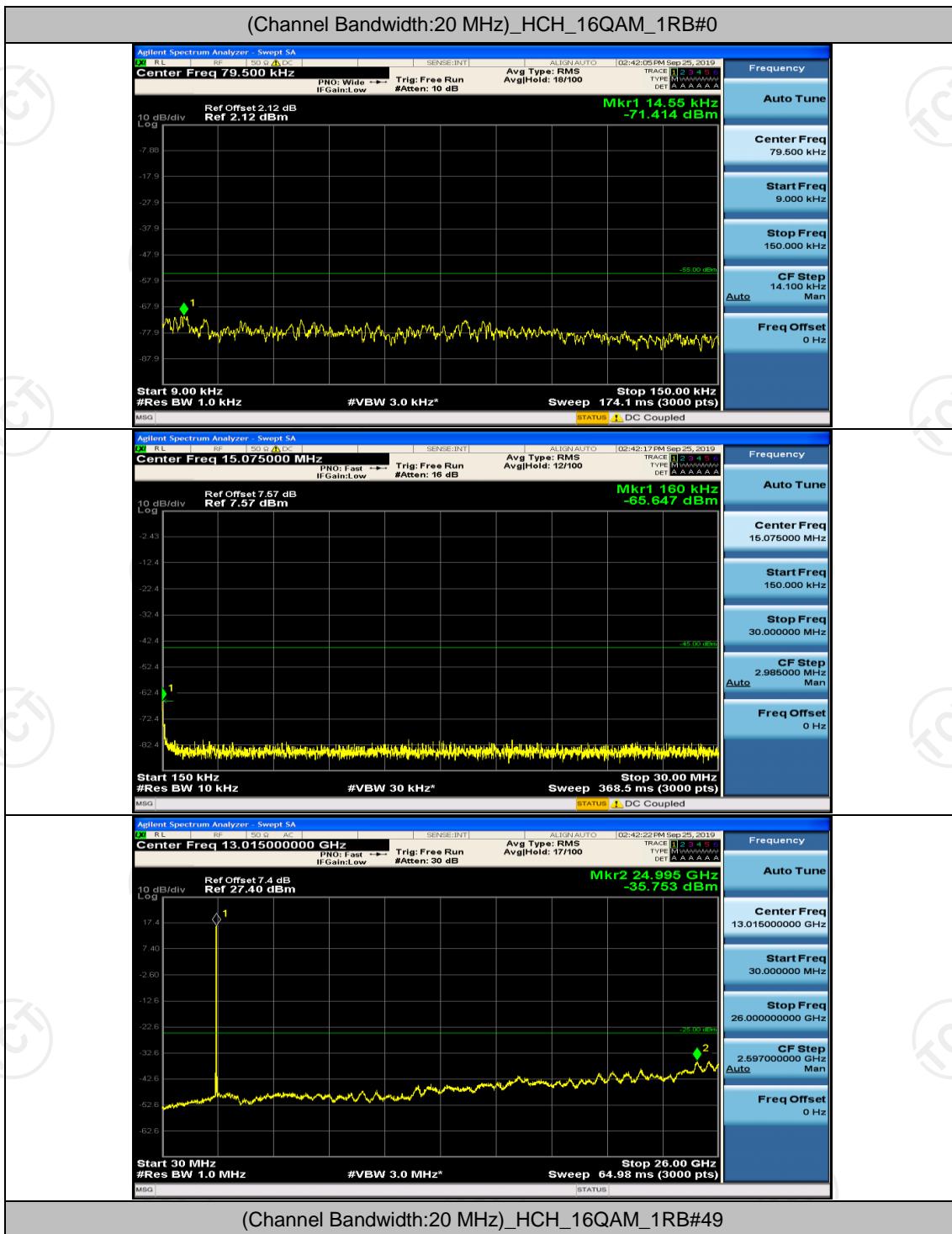


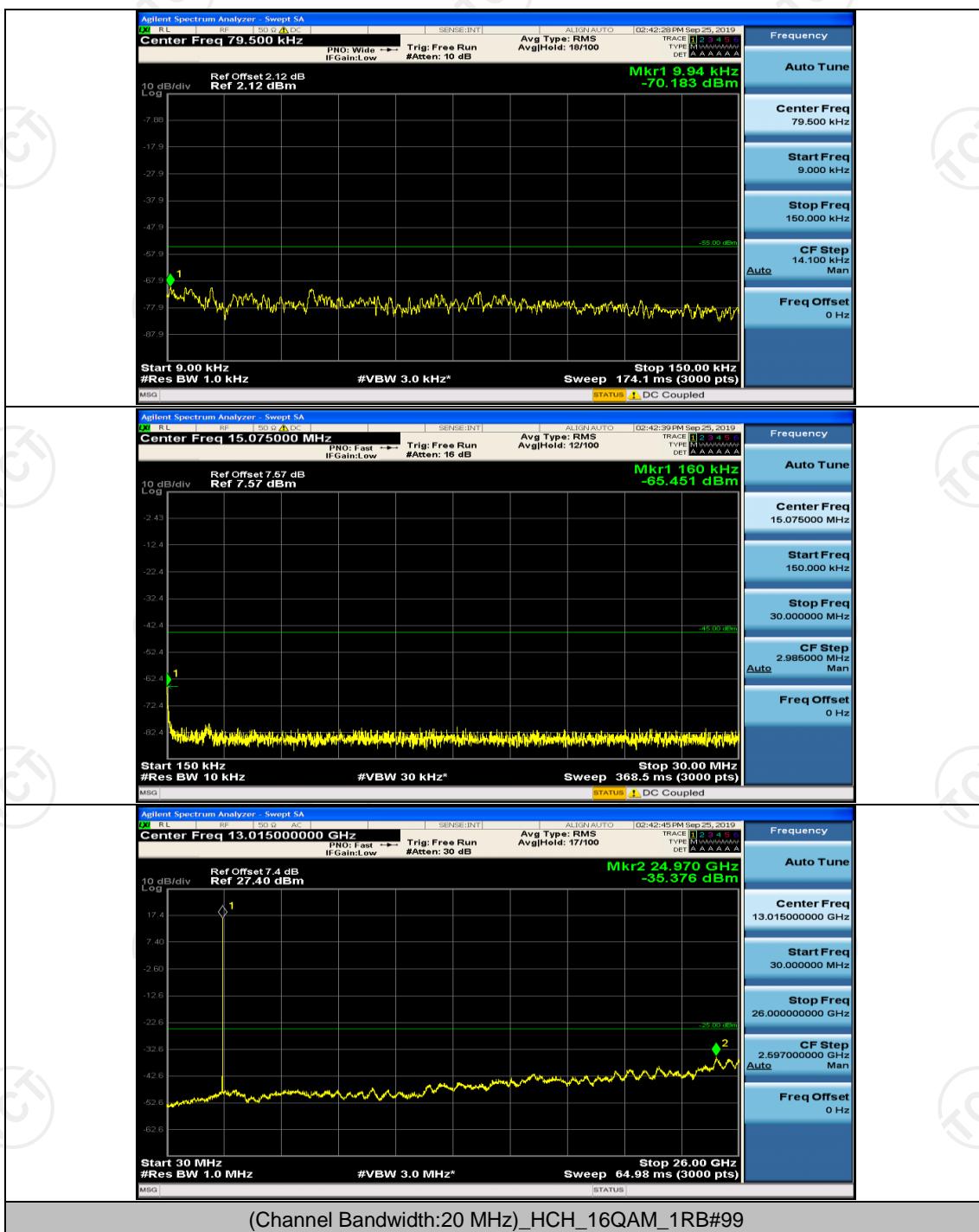


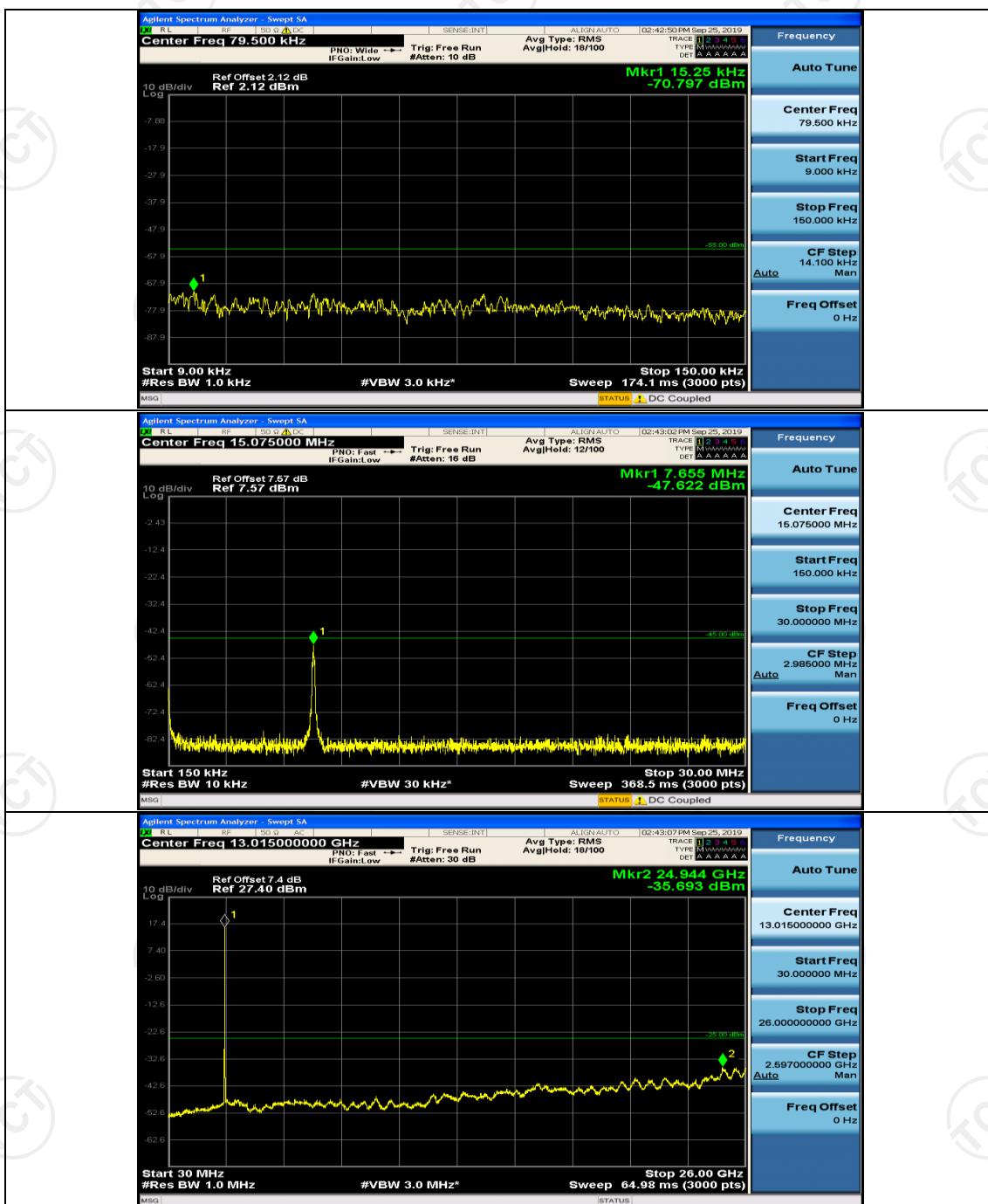












## Appendix F: Frequency Stability

### Test Result

#### Channel Bandwidth: 5 MHz

Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	-0.000994	± 2.5	PASS
		VN	TN	-0.000708	± 2.5	PASS
		VH	TN	-0.002027	± 2.5	PASS
	MCH	VL	TN	-0.001416	± 2.5	PASS
		VN	TN	-0.002150	± 2.5	PASS
		VH	TN	-0.000265	± 2.5	PASS
	HCH	VL	TN	-0.000846	± 2.5	PASS
		VN	TN	0.000095	± 2.5	PASS
		VH	TN	-0.001636	± 2.5	PASS
16QAM	LCH	VL	TN	-0.000666	± 2.5	PASS
		VN	TN	0.000034	± 2.5	PASS
		VH	TN	-0.002571	± 2.5	PASS
	MCH	VL	TN	-0.001283	± 2.5	PASS
		VN	TN	-0.000051	± 2.5	PASS
		VH	TN	-0.000837	± 2.5	PASS
	HCH	VL	TN	-0.001004	± 2.5	PASS
		VN	TN	0.000969	± 2.5	PASS
		VH	TN	0.000337	± 2.5	PASS
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	0.000029	± 2.5	PASS
		VN	-20	0.000477	± 2.5	PASS
		VN	-10	0.000257	± 2.5	PASS
		VN	0	-0.000474	± 2.5	PASS
		VN	10	0.000275	± 2.5	PASS
		VN	20	0.000817	± 2.5	PASS
		VN	30	0.001515	± 2.5	PASS
		VN	40	0.000960	± 2.5	PASS
		VN	50	0.001018	± 2.5	PASS
	MCH	VN	-30	-0.001275	± 2.5	PASS
		VN	-20	-0.001524	± 2.5	PASS
		VN	-10	-0.001546	± 2.5	PASS
		VN	0	-0.001761	± 2.5	PASS

	HCH	VN	10	-0.000452	$\pm 2.5$	PASS
		VN	20	-0.001225	$\pm 2.5$	PASS
		VN	30	-0.000056	$\pm 2.5$	PASS
		VN	40	-0.002105	$\pm 2.5$	PASS
		VN	50	-0.000339	$\pm 2.5$	PASS
		VN	-30	0.000296	$\pm 2.5$	PASS
		VN	-20	0.000737	$\pm 2.5$	PASS
		VN	-10	0.000514	$\pm 2.5$	PASS
		VN	0	0.000927	$\pm 2.5$	PASS
		VN	10	0.000423	$\pm 2.5$	PASS
16QAM	LCH	VN	20	-0.000295	$\pm 2.5$	PASS
		VN	30	-0.000240	$\pm 2.5$	PASS
		VN	40	-0.000095	$\pm 2.5$	PASS
		VN	50	0.000646	$\pm 2.5$	PASS
		VN	-30	-0.001238	$\pm 2.5$	PASS
		VN	-20	0.000462	$\pm 2.5$	PASS
		VN	-10	0.000439	$\pm 2.5$	PASS
		VN	0	0.000257	$\pm 2.5$	PASS
		VN	10	0.000247	$\pm 2.5$	PASS
		VN	20	0.000474	$\pm 2.5$	PASS
	MCH	VN	30	0.000657	$\pm 2.5$	PASS
		VN	40	0.001035	$\pm 2.5$	PASS
		VN	50	-0.000212	$\pm 2.5$	PASS
		VN	-30	-0.001078	$\pm 2.5$	PASS
		VN	-20	-0.001151	$\pm 2.5$	PASS
		VN	-10	-0.001969	$\pm 2.5$	PASS
		VN	0	-0.001202	$\pm 2.5$	PASS
		VN	10	-0.001104	$\pm 2.5$	PASS
		VN	20	-0.001383	$\pm 2.5$	PASS
		VN	30	-0.002720	$\pm 2.5$	PASS
	HCH	VN	40	-0.000102	$\pm 2.5$	PASS
		VN	50	-0.000361	$\pm 2.5$	PASS
		VN	-30	0.000352	$\pm 2.5$	PASS
		VN	-20	0.000167	$\pm 2.5$	PASS
		VN	-10	0.000313	$\pm 2.5$	PASS
		VN	0	0.000045	$\pm 2.5$	PASS
		VN	10	0.000457	$\pm 2.5$	PASS
		VN	20	0.001036	$\pm 2.5$	PASS
		VN	30	0.000925	$\pm 2.5$	PASS
		VN	40	0.001120	$\pm 2.5$	PASS
		VN	50	0.001109	$\pm 2.5$	PASS