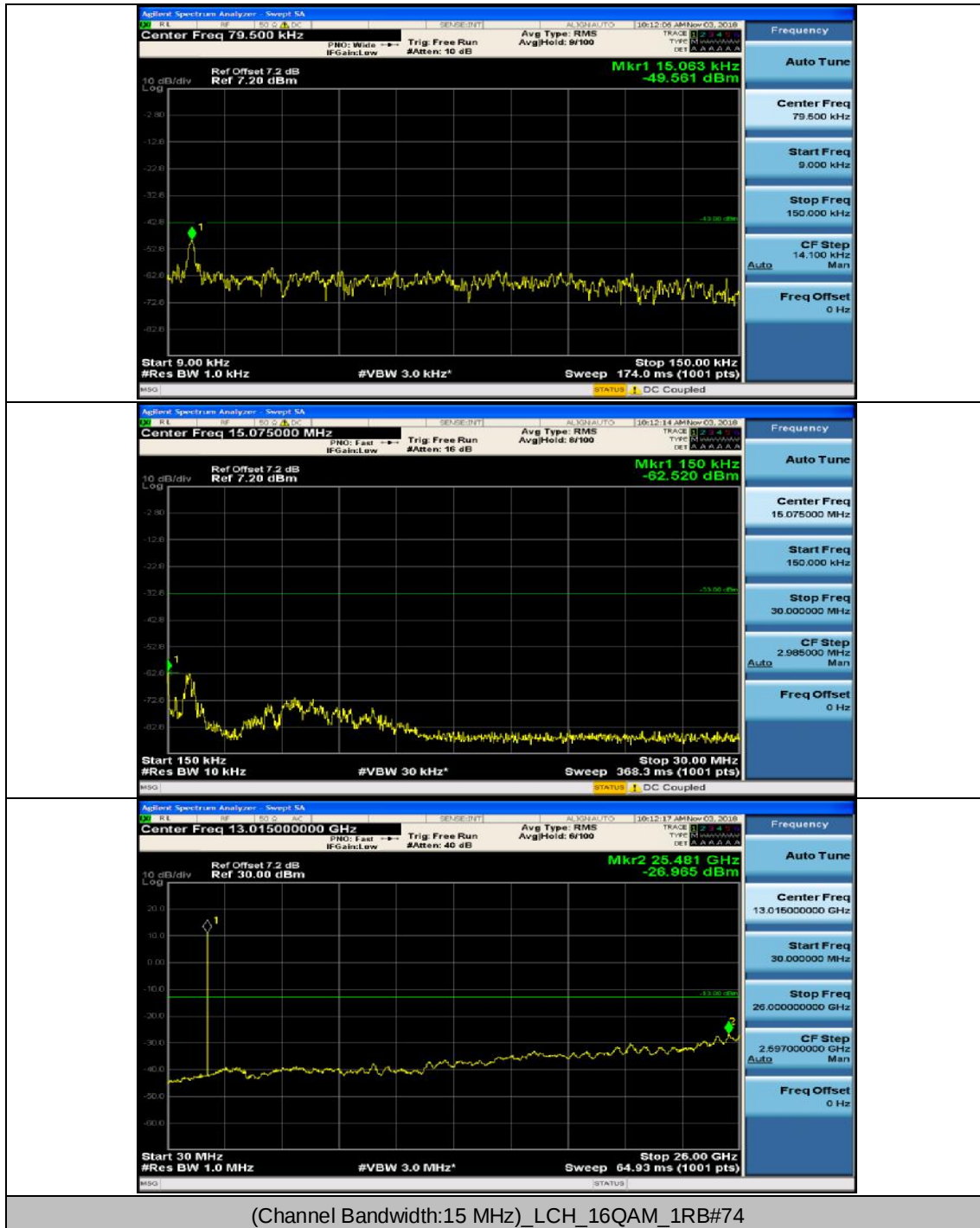
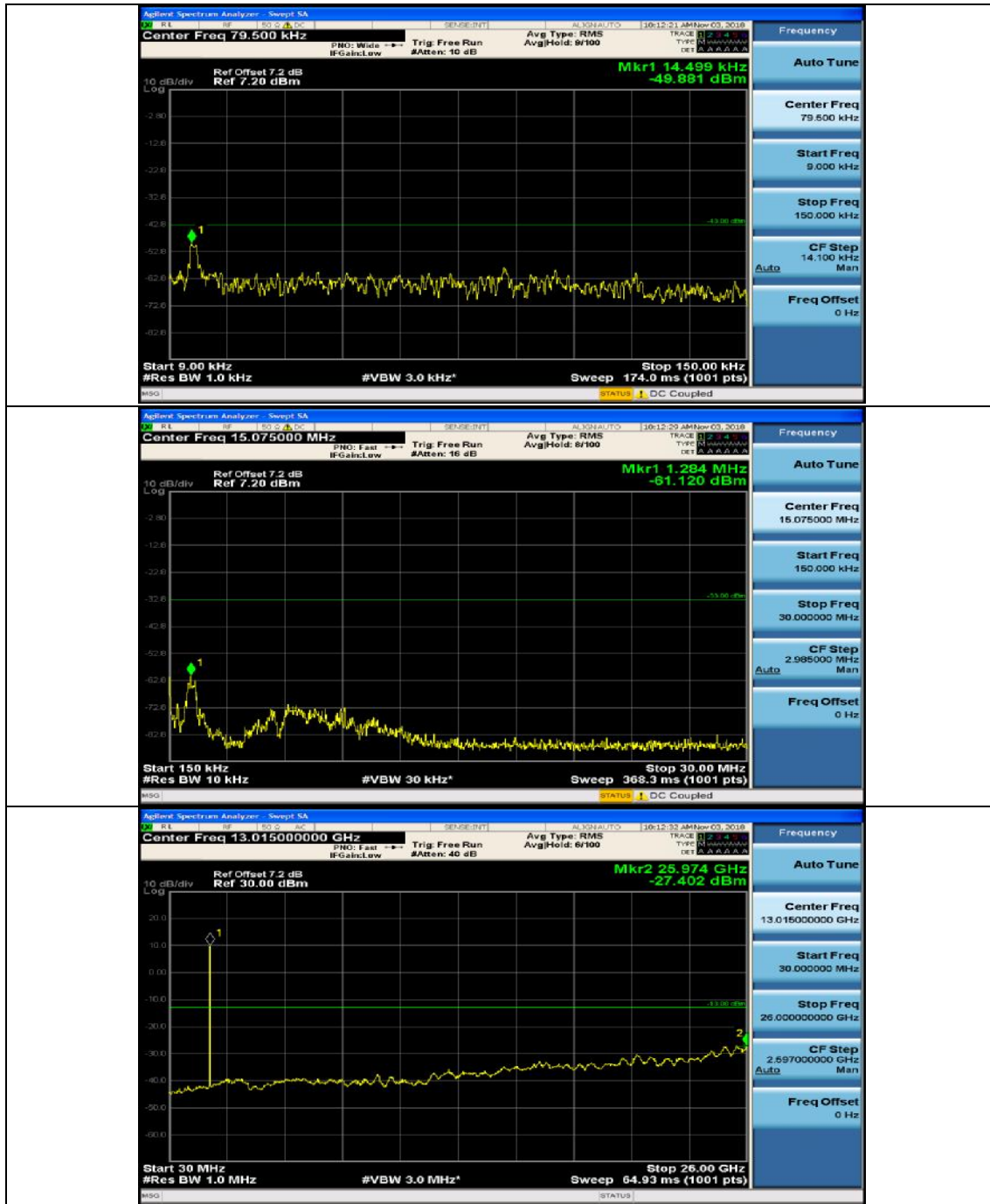
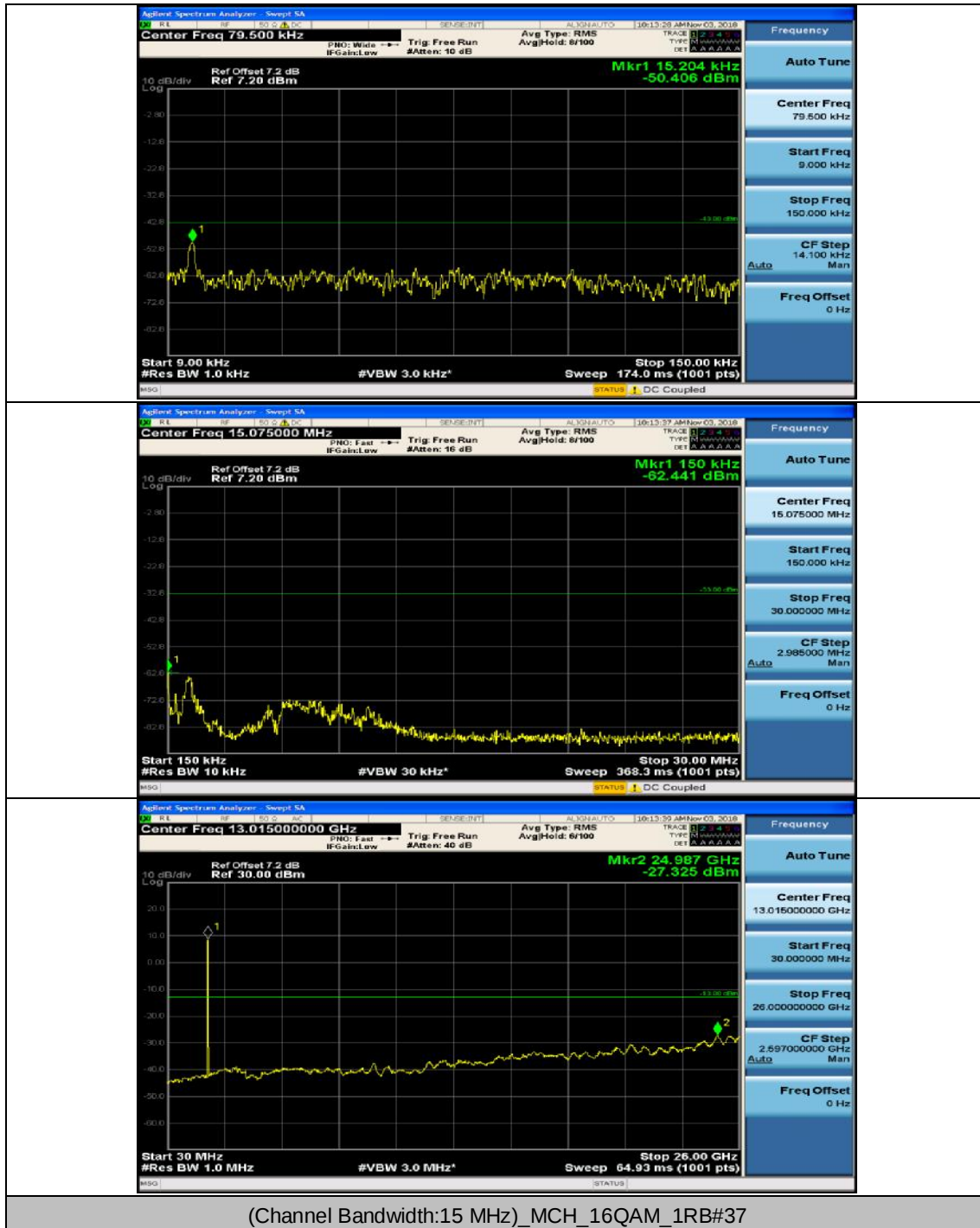
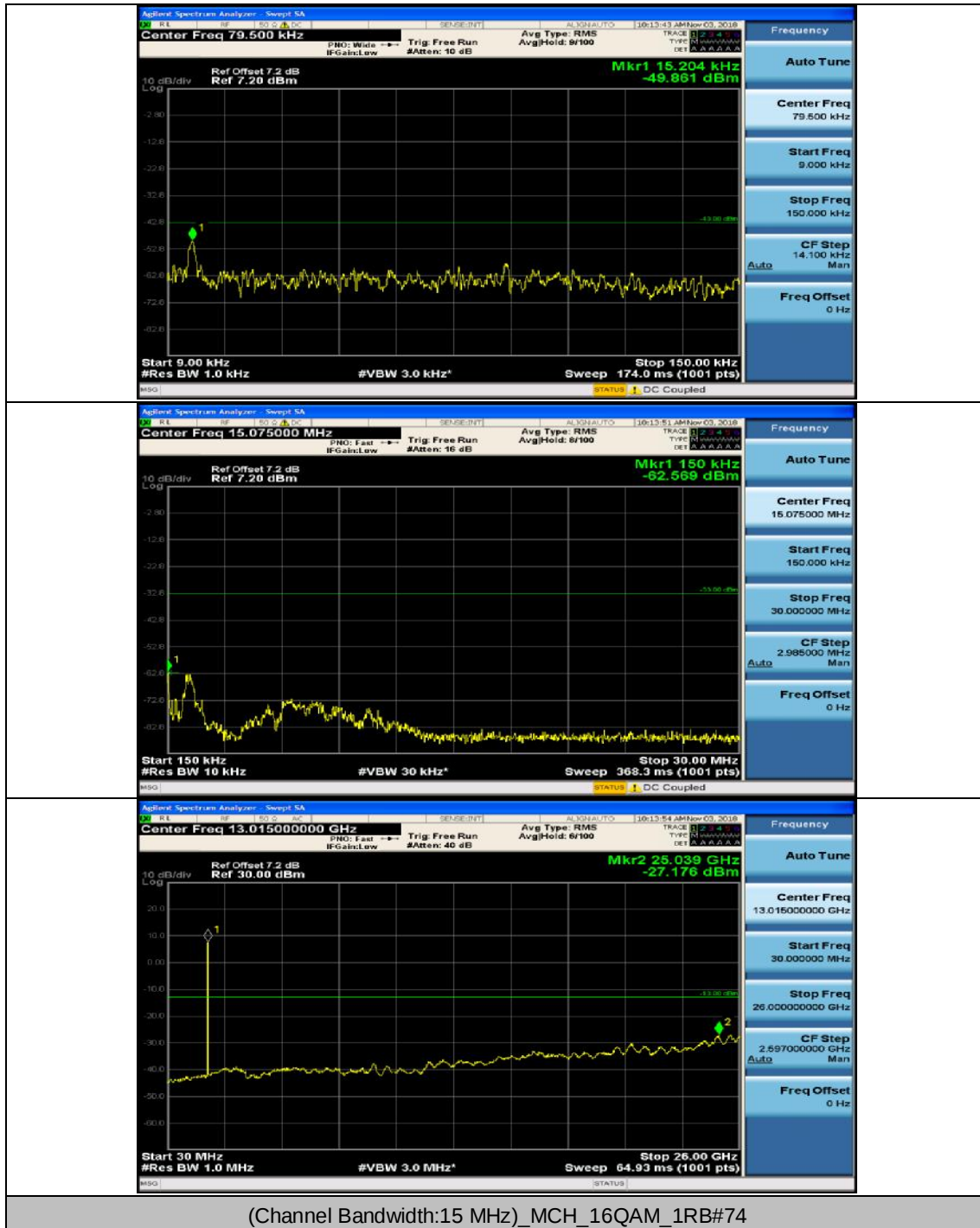


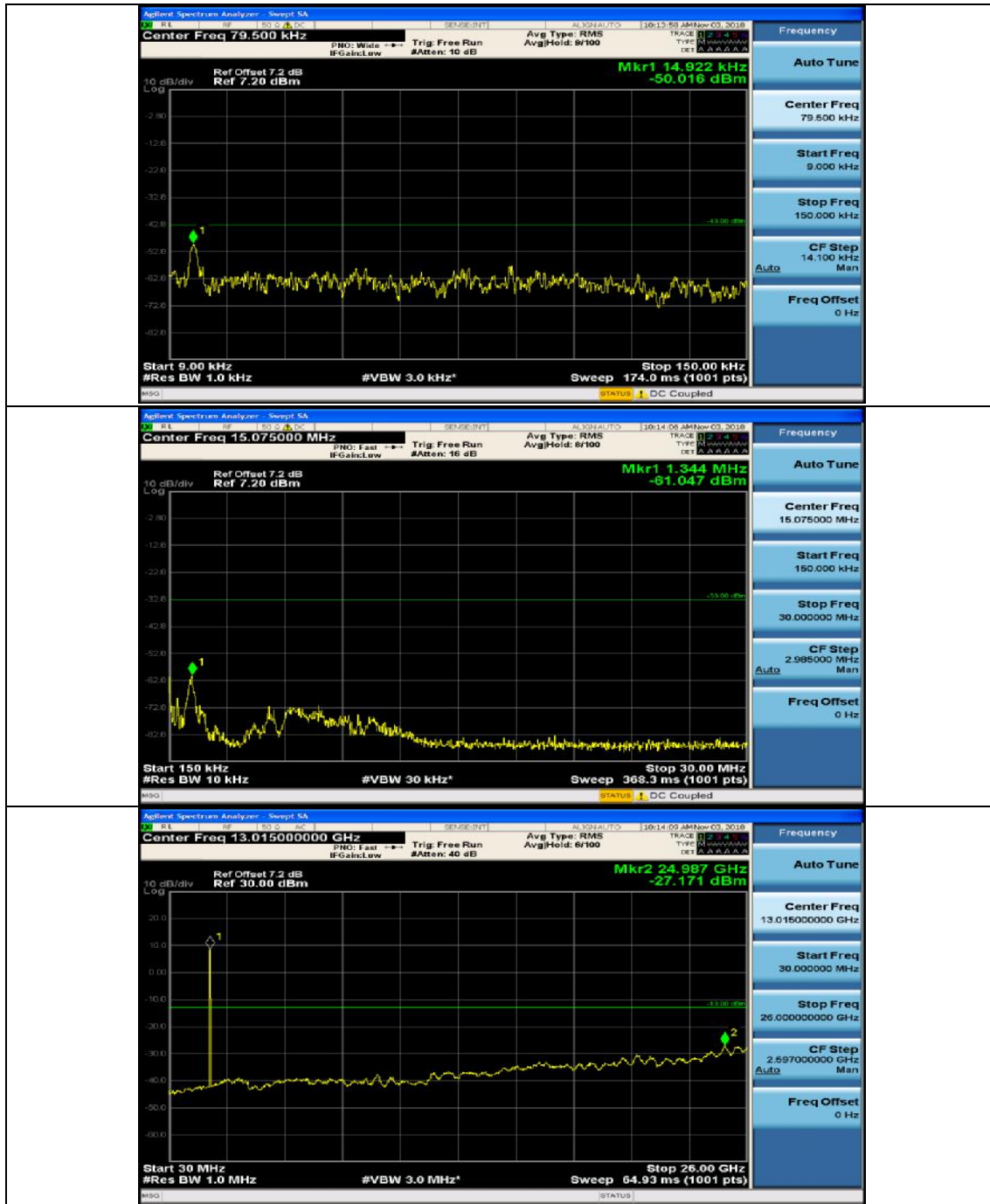




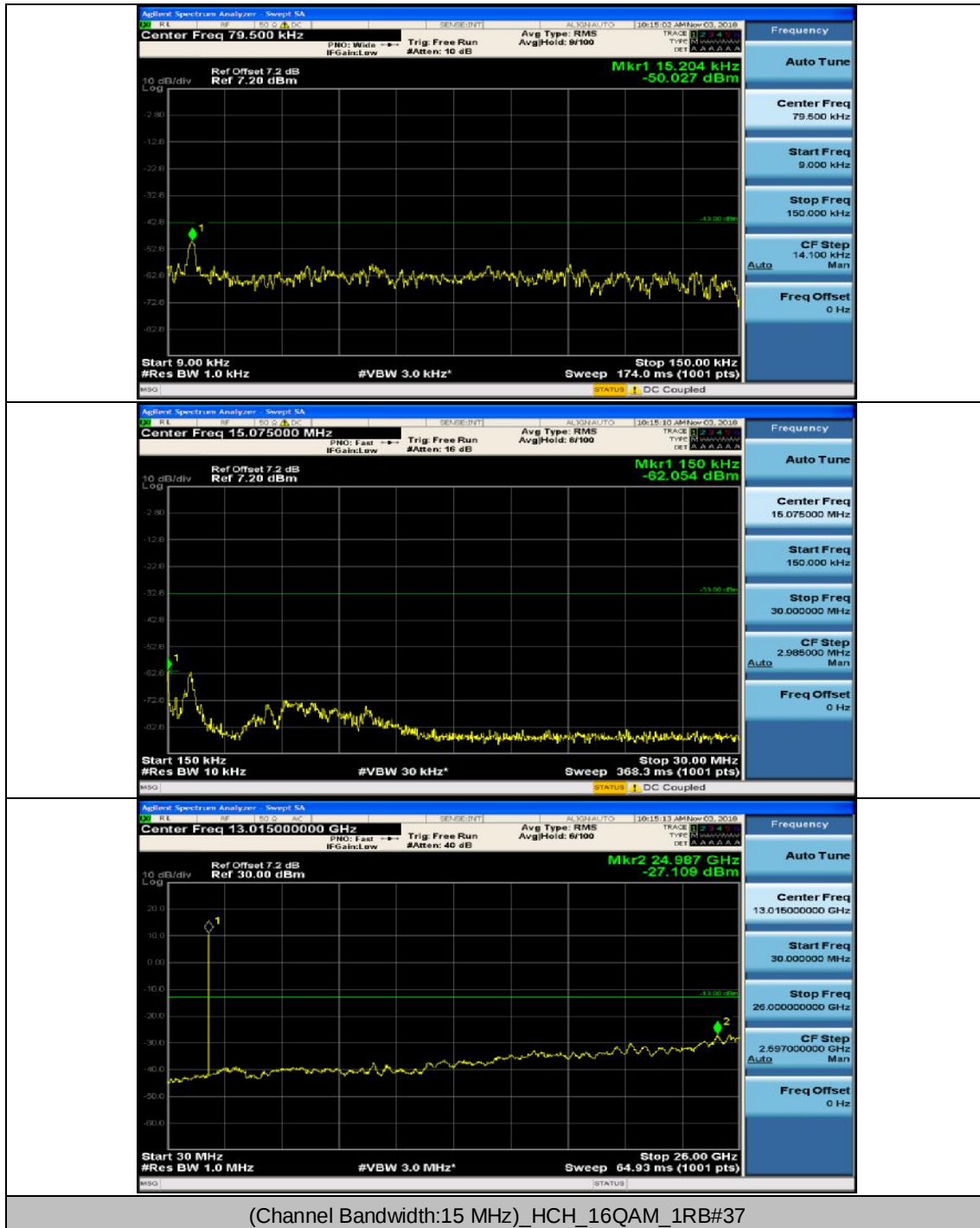
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0

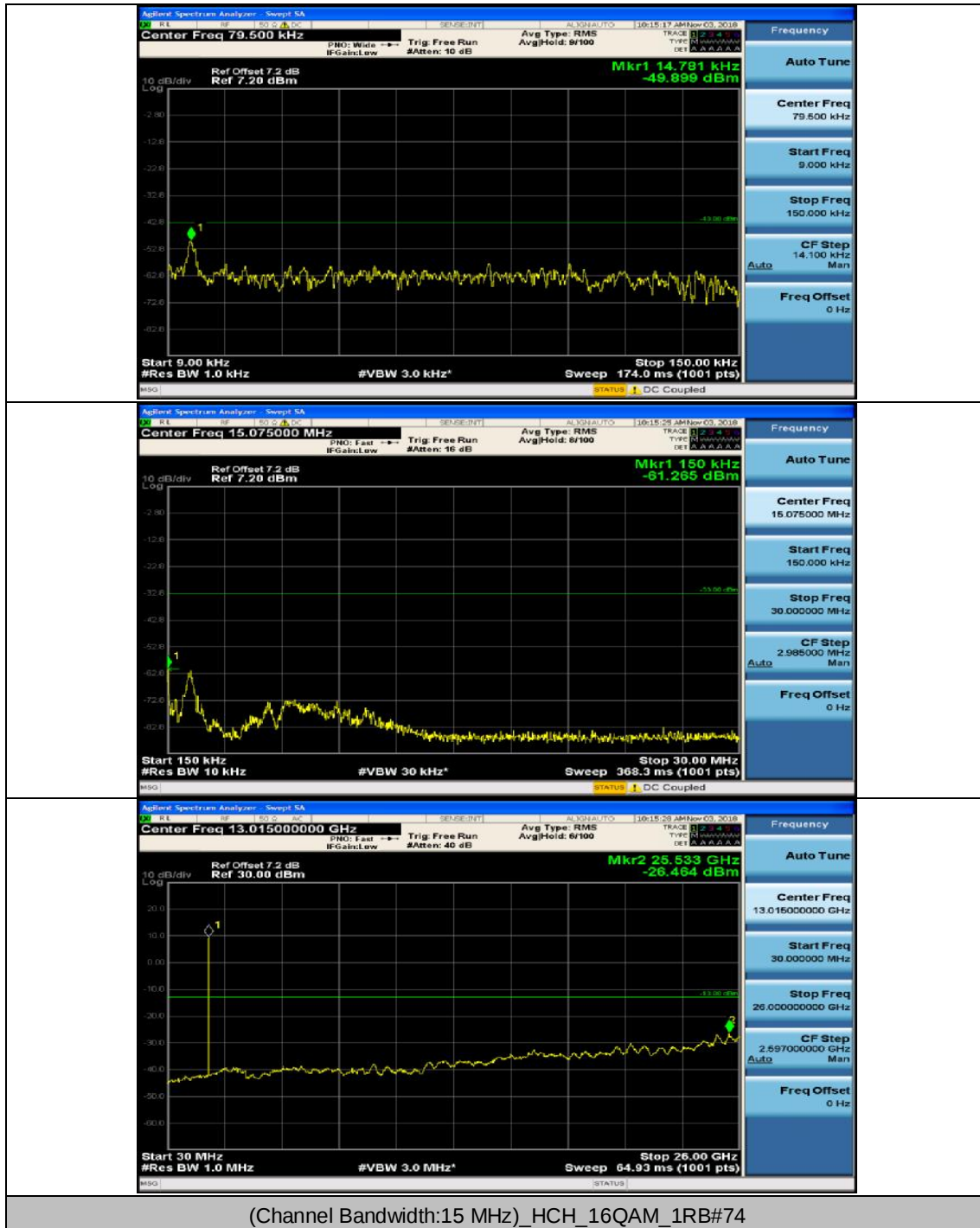


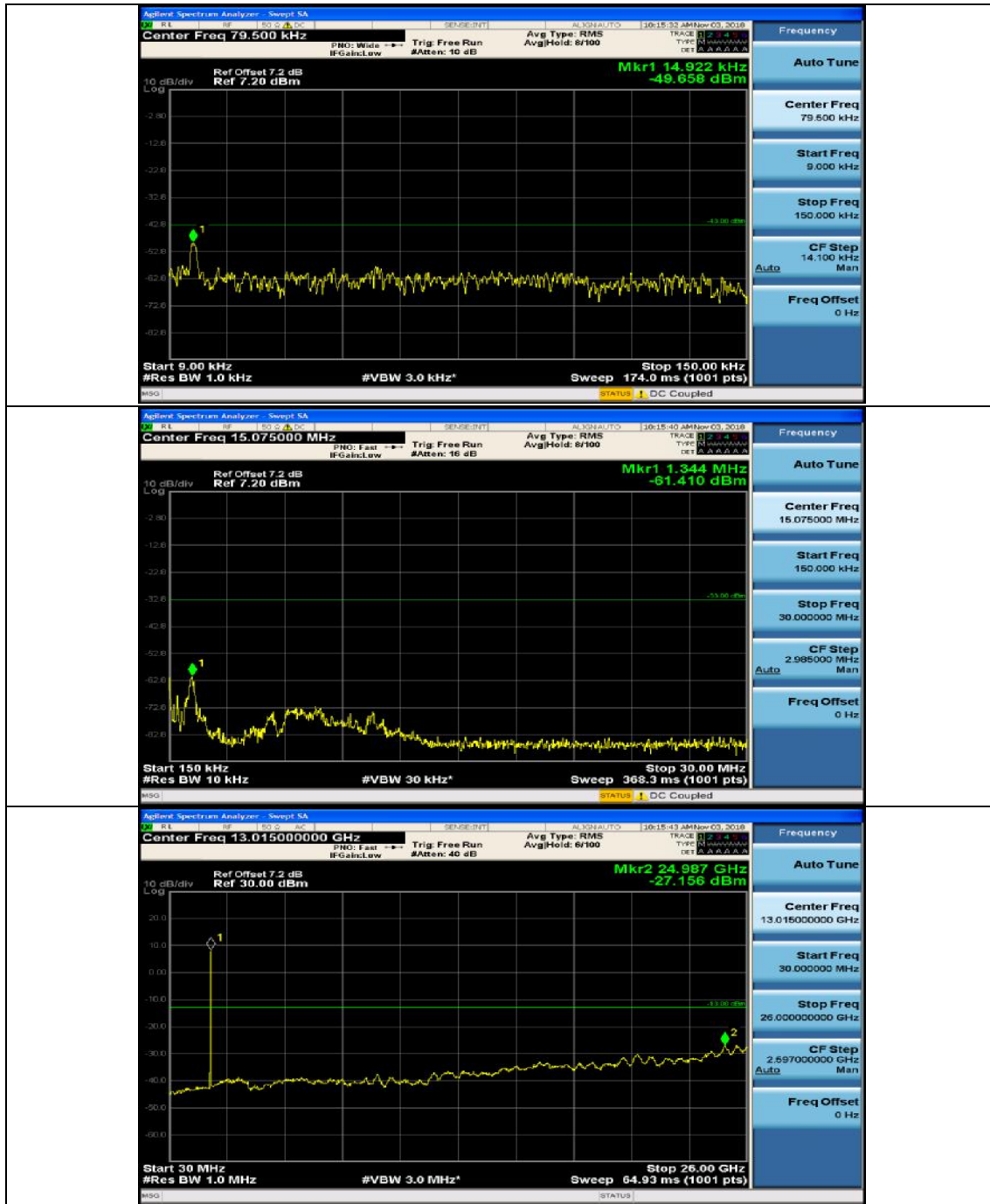




(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0

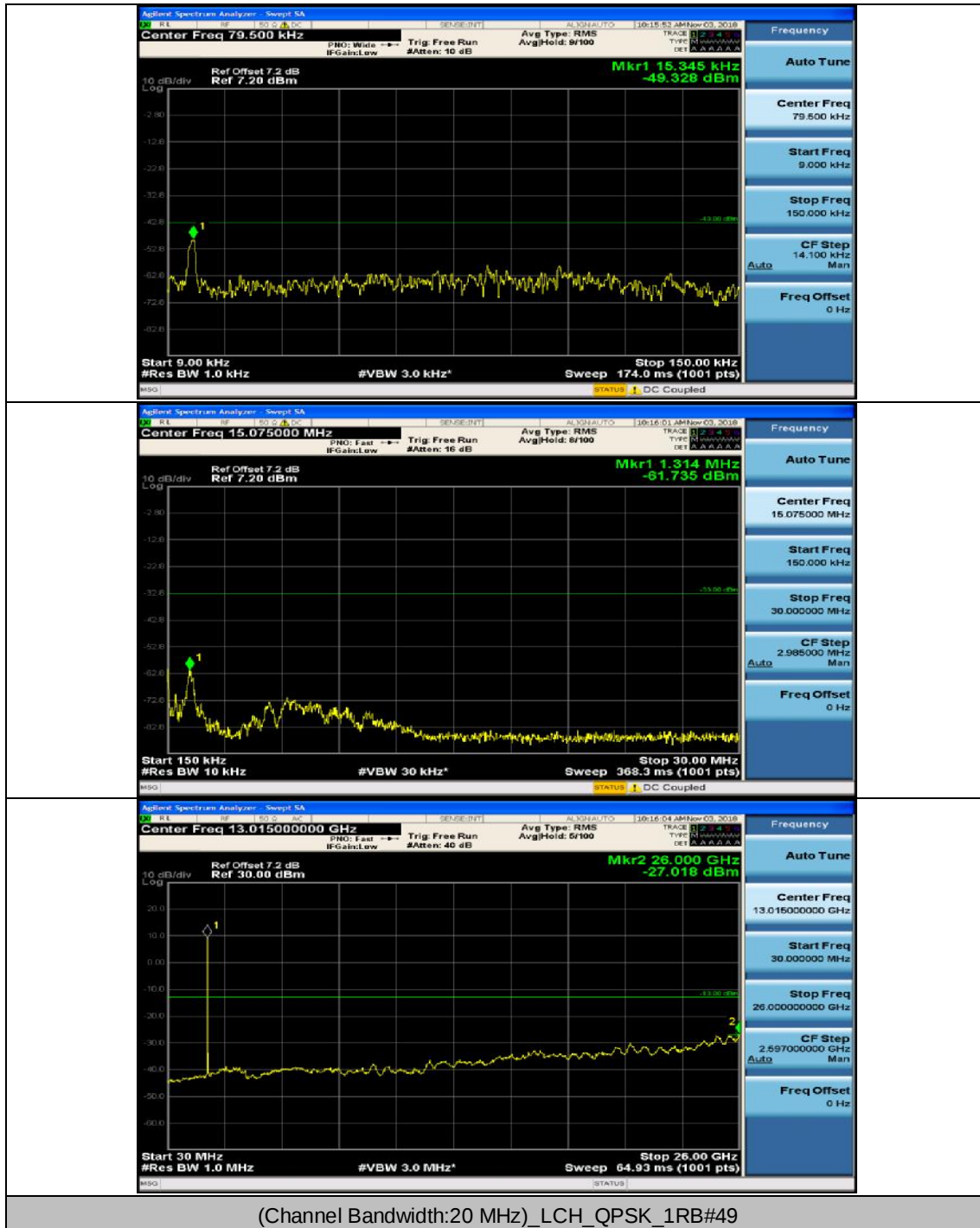


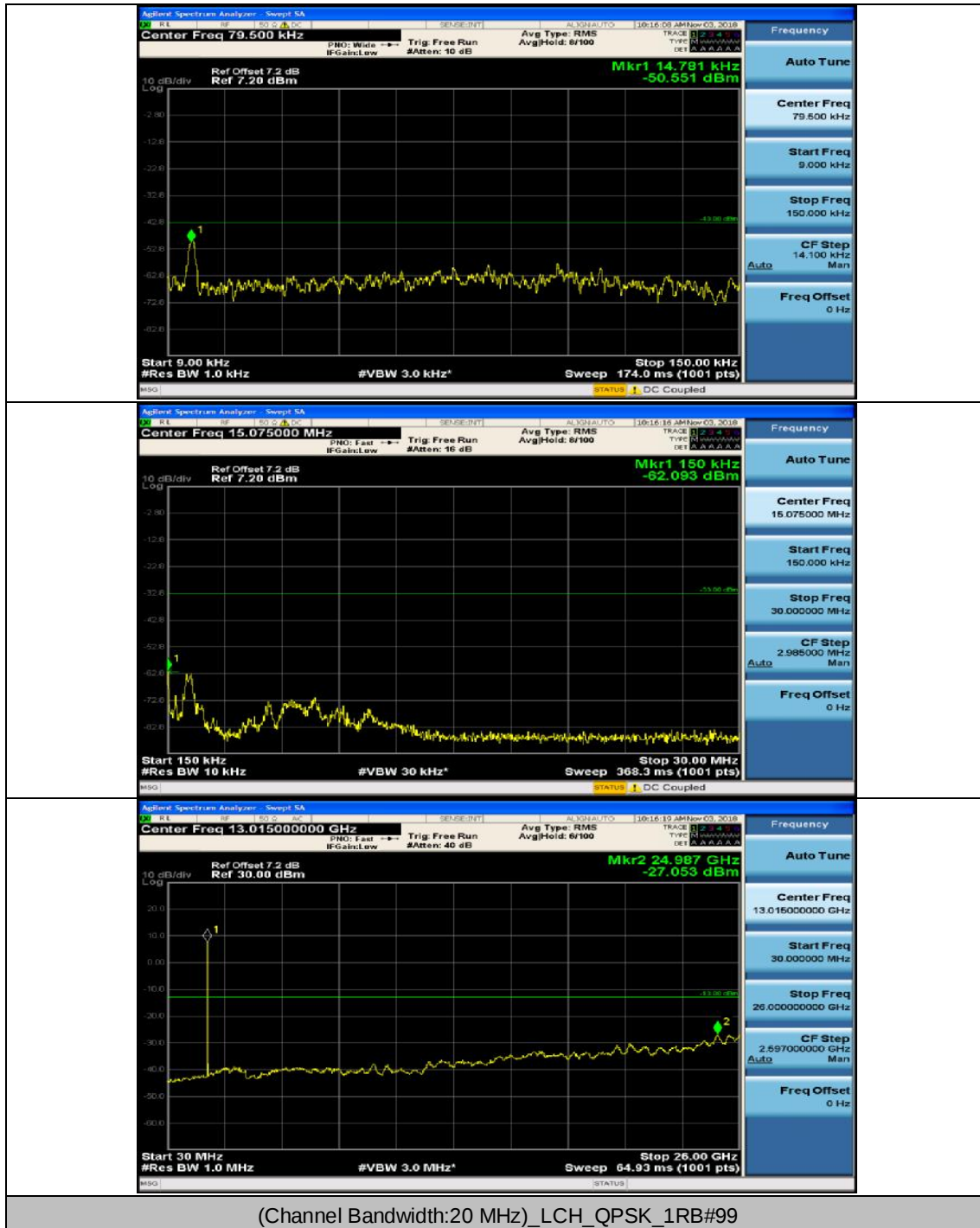


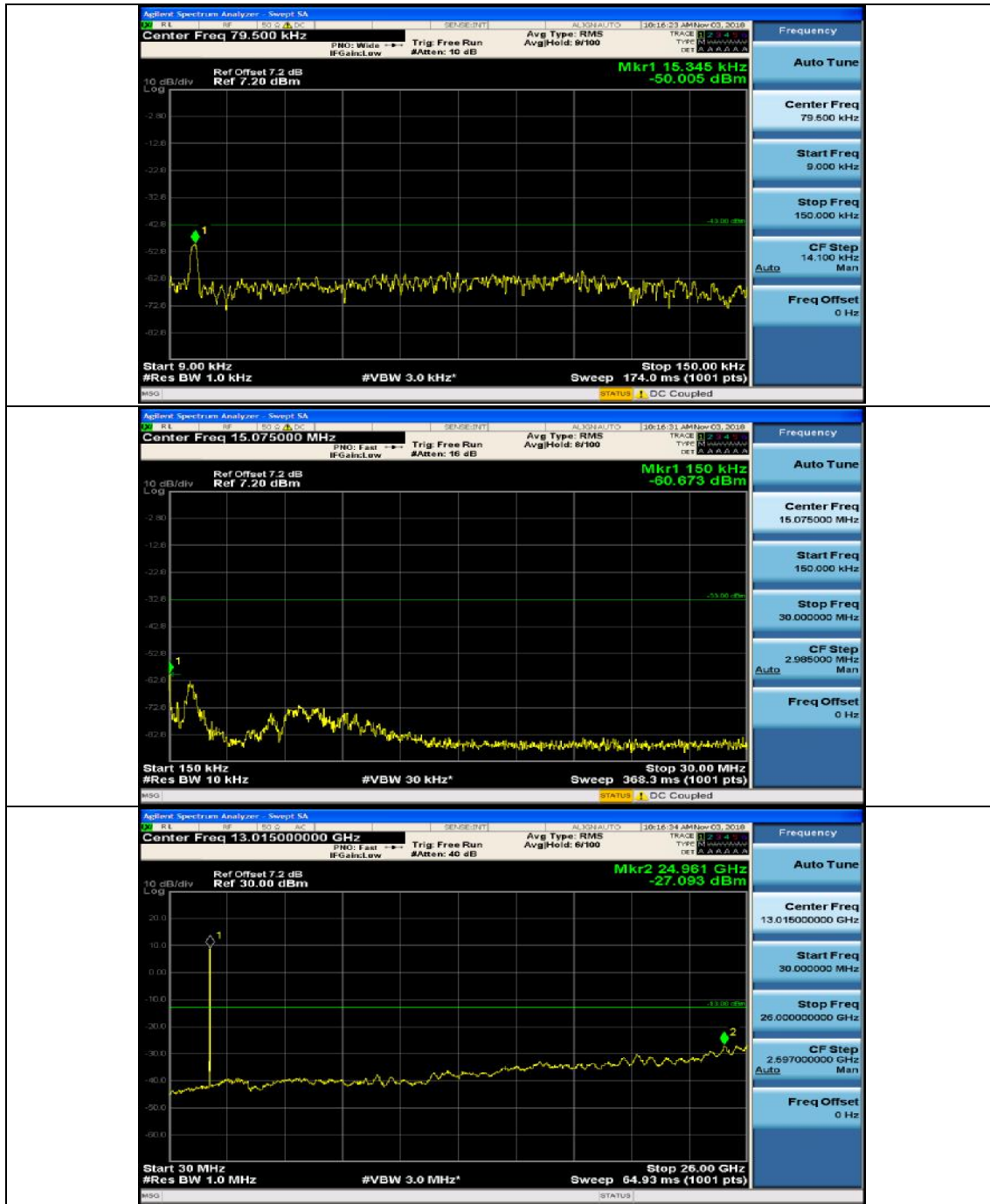


Channel Bandwidth: 20 MHz

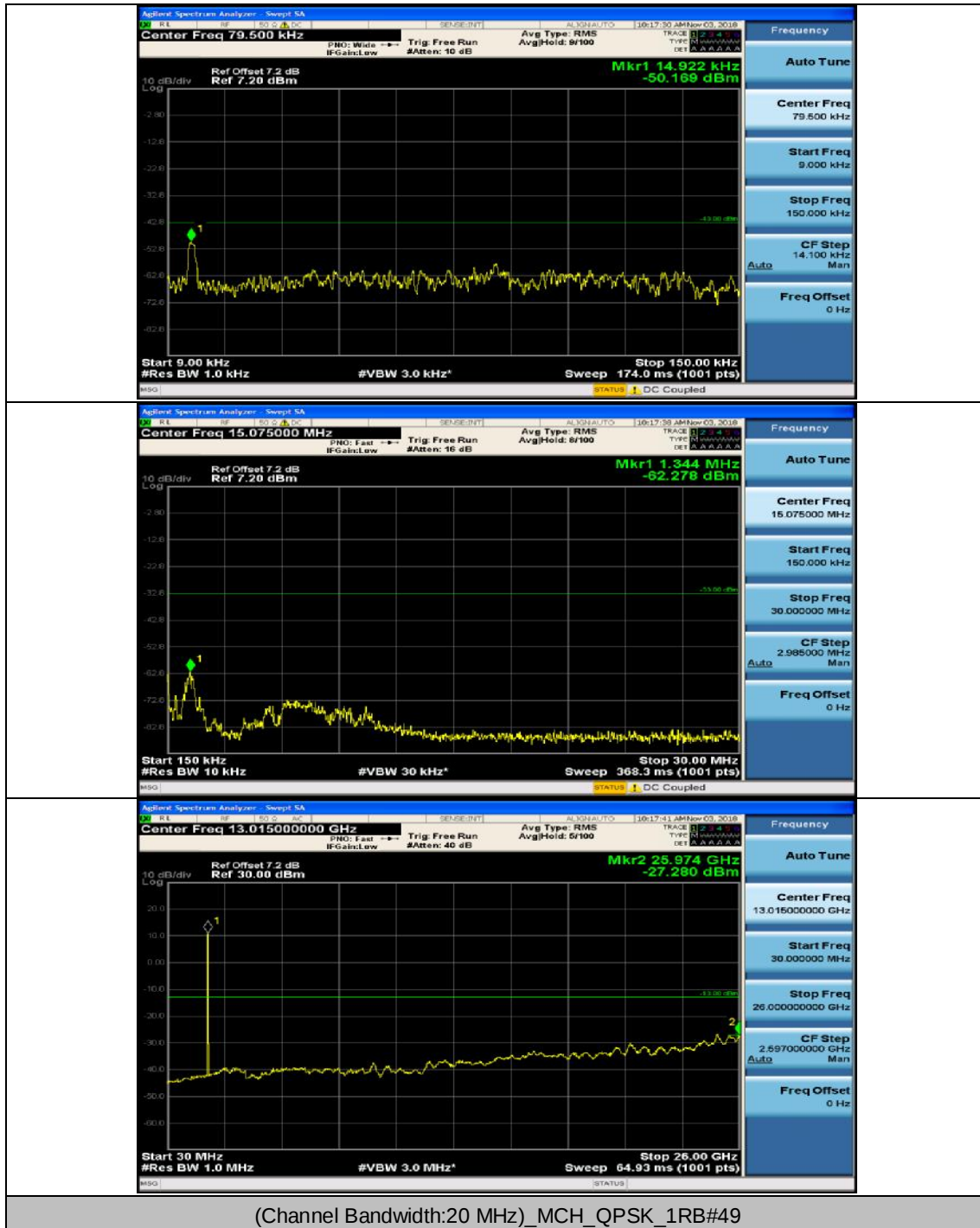
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0

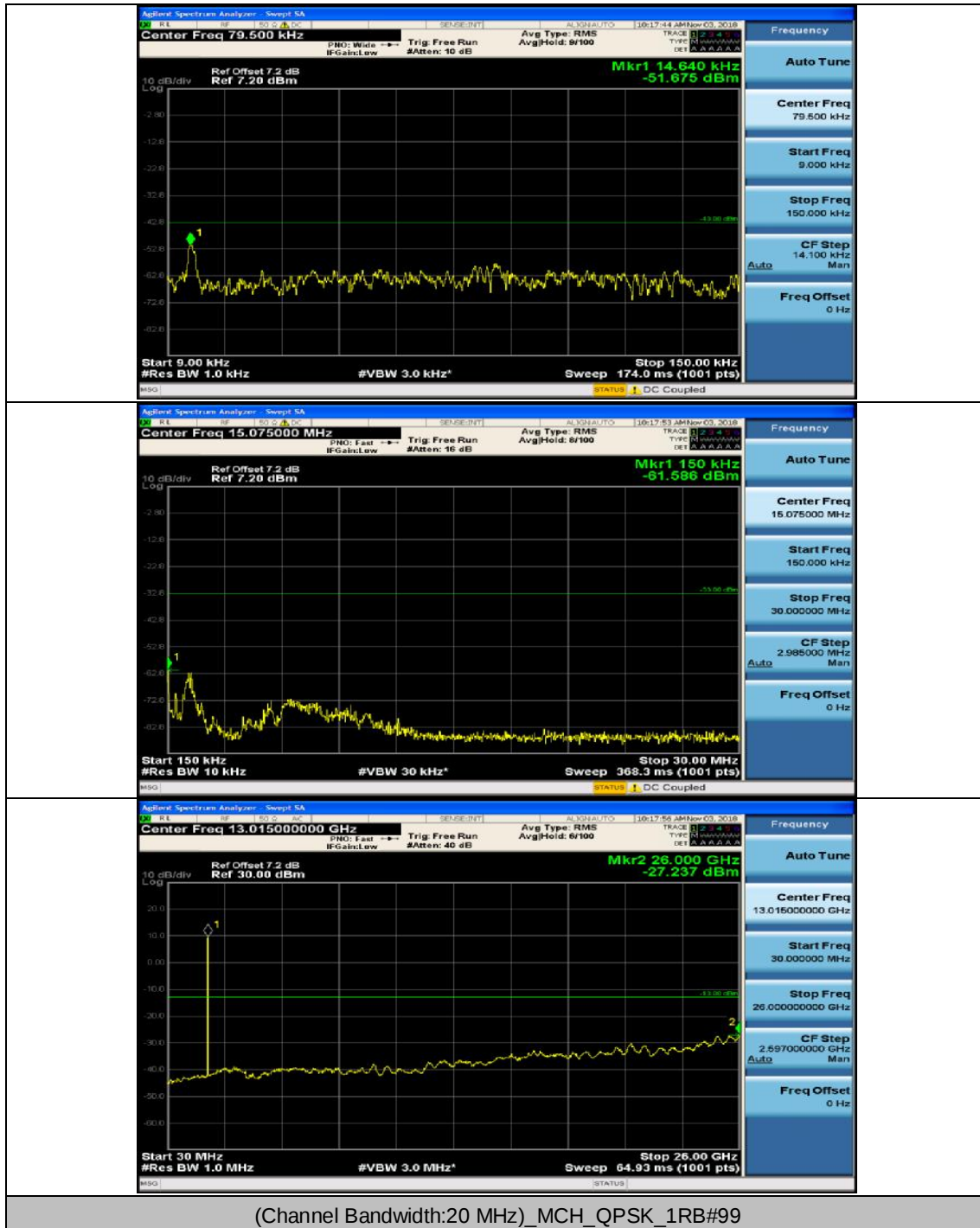


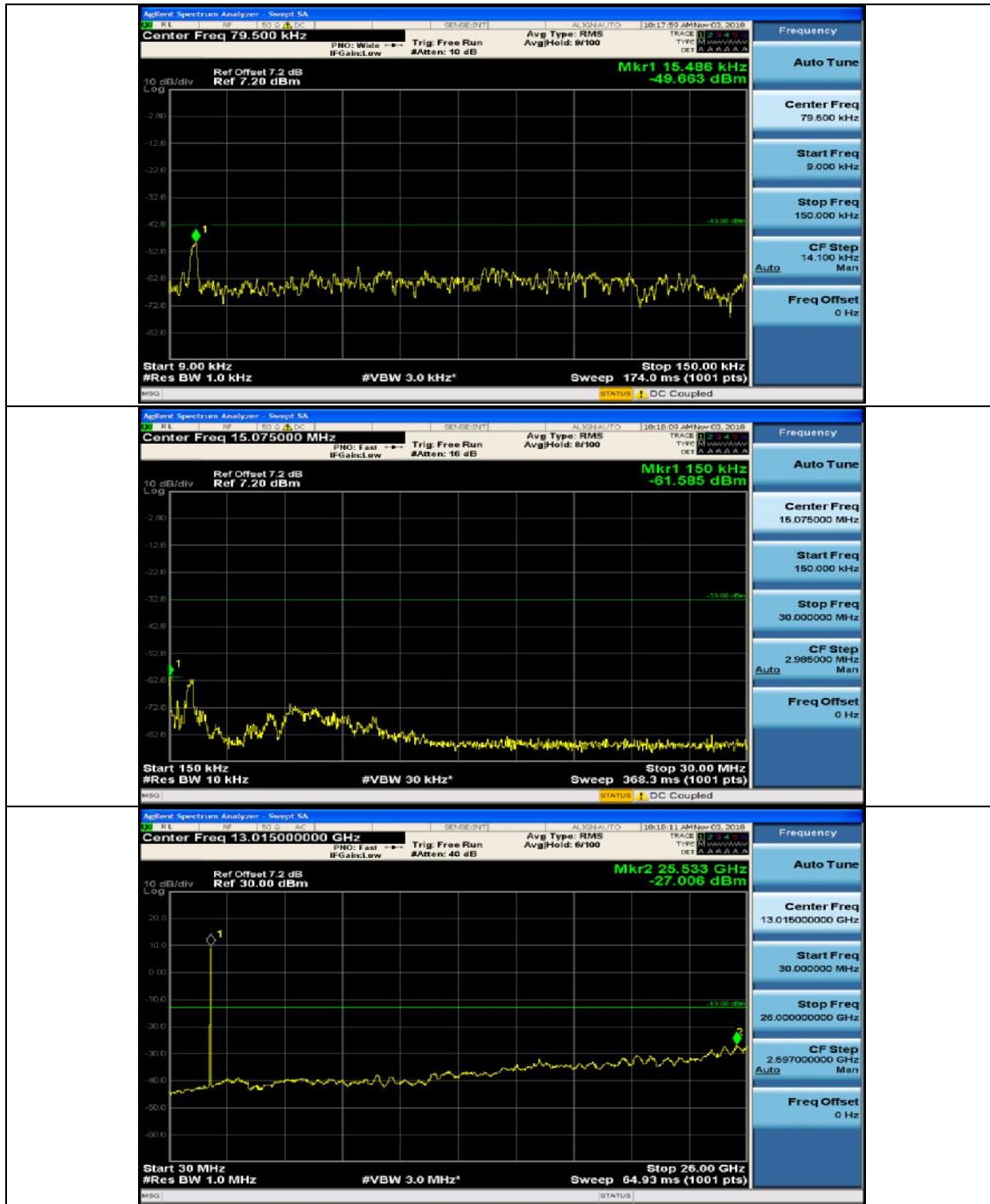




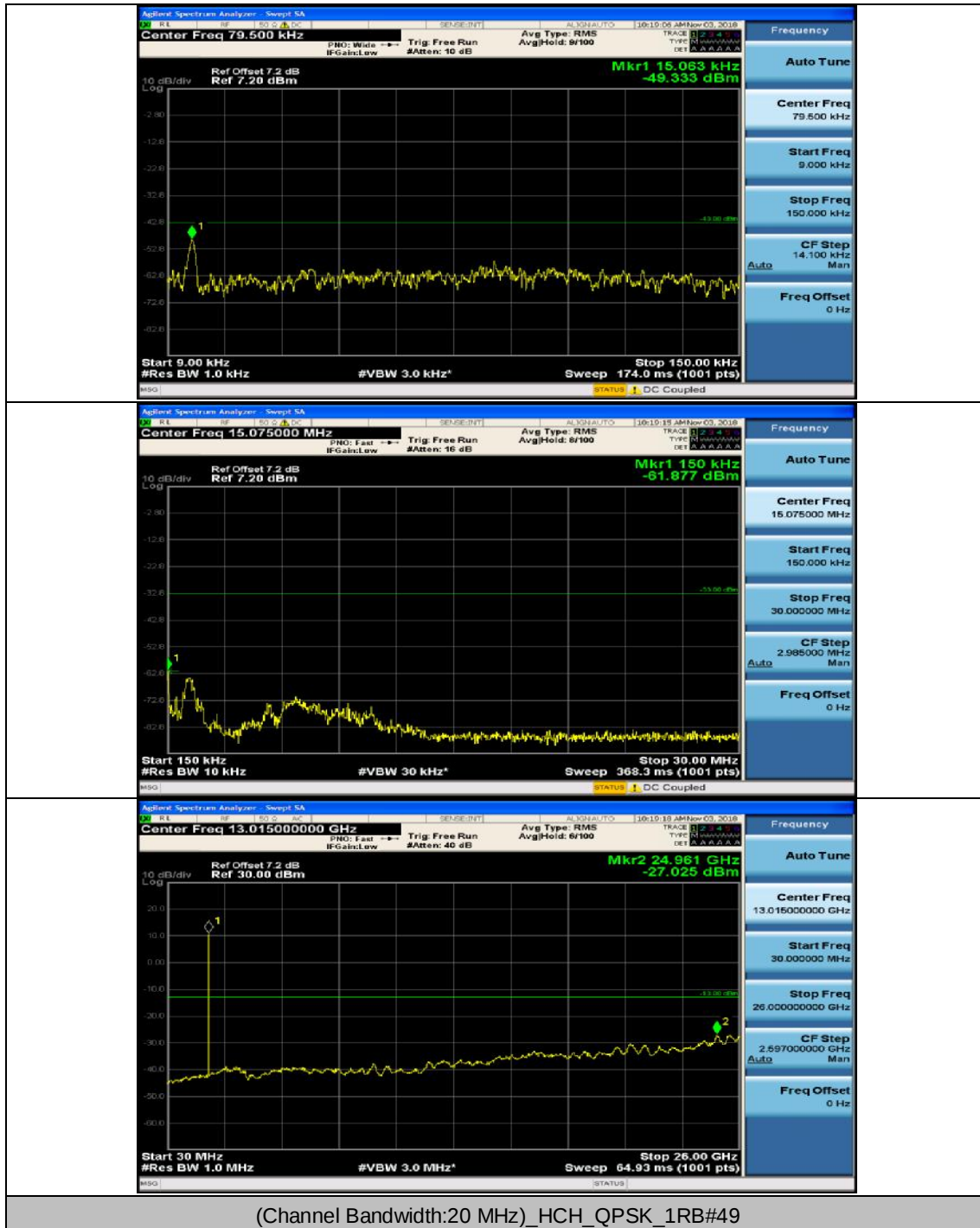
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0

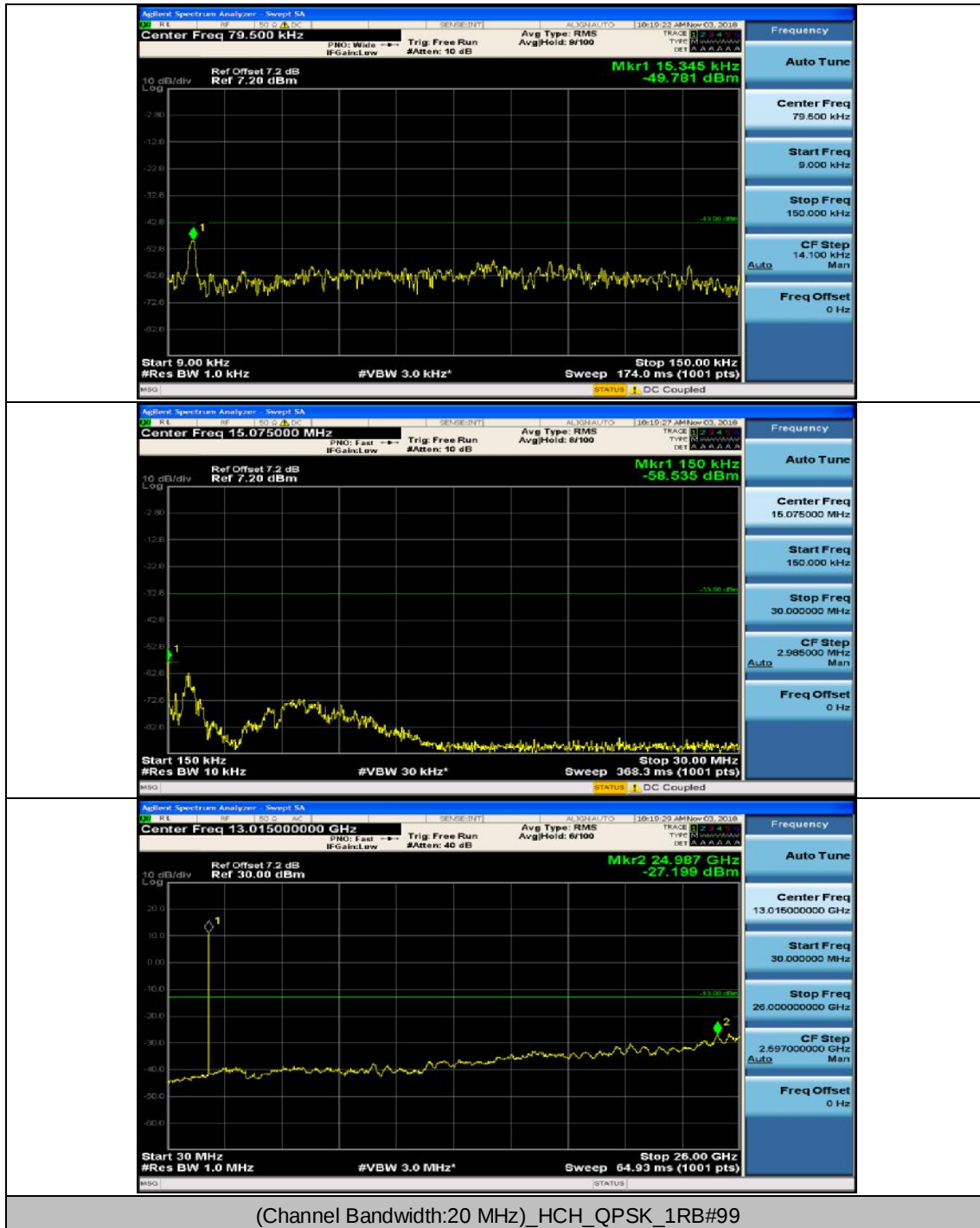


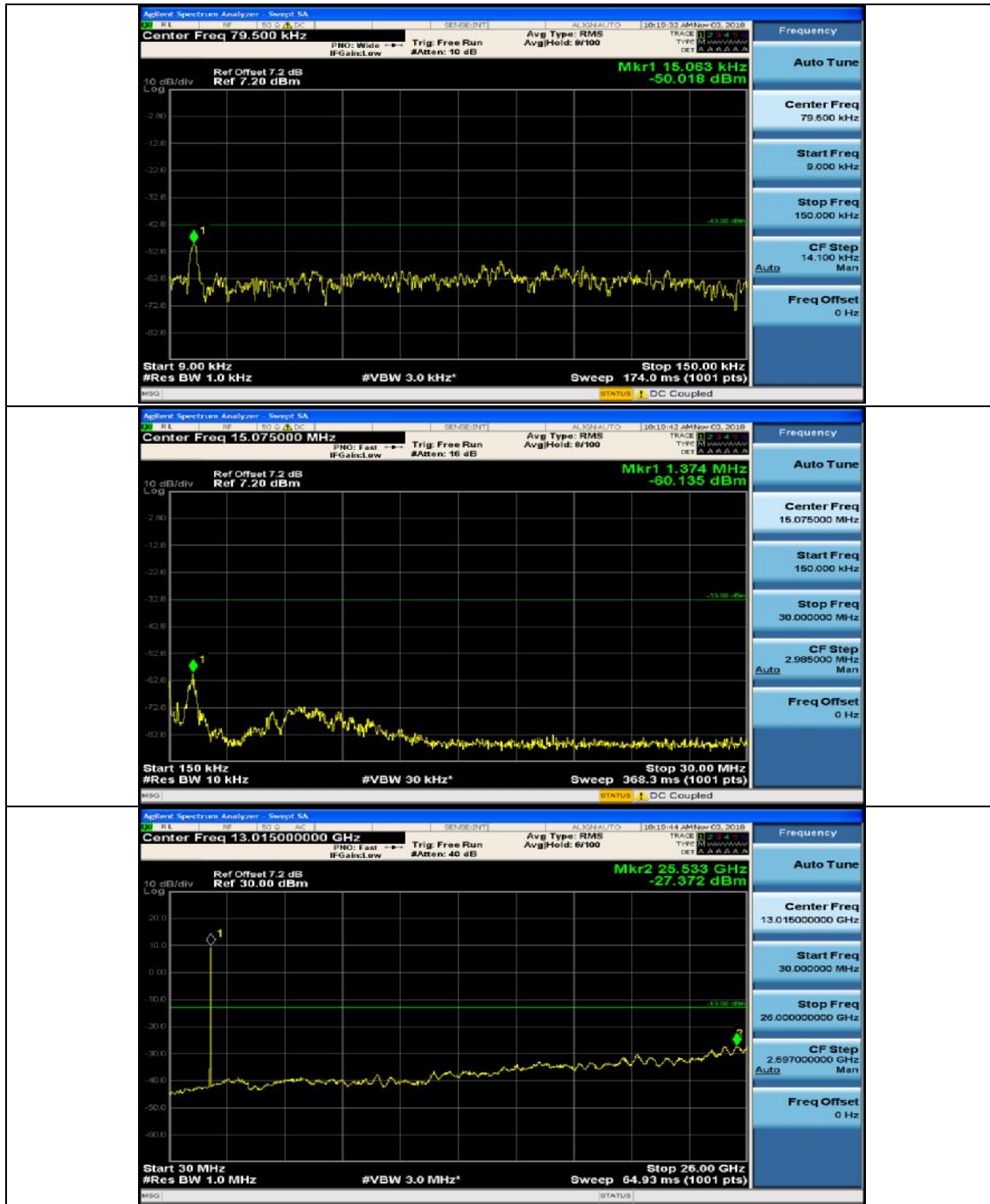




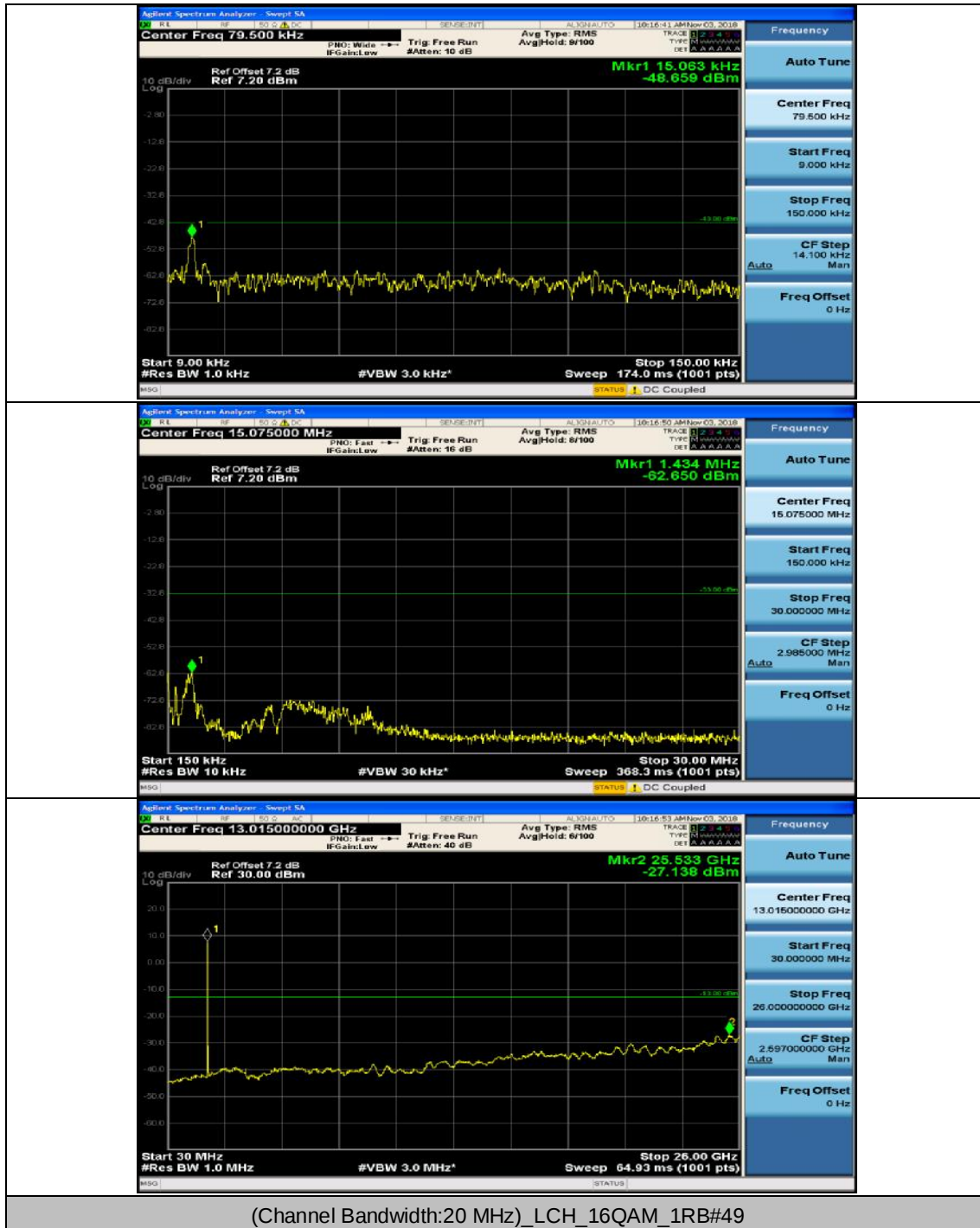
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0

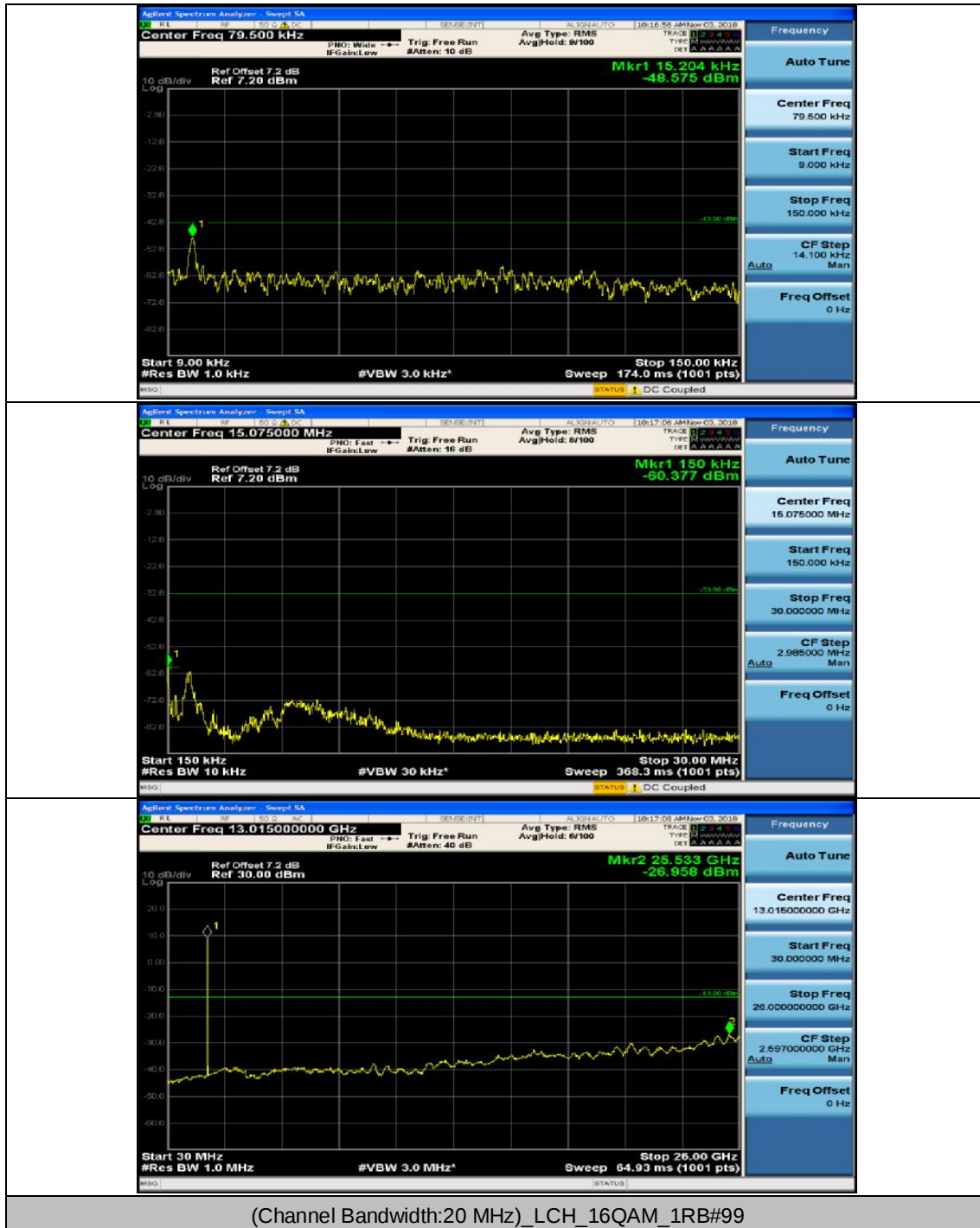


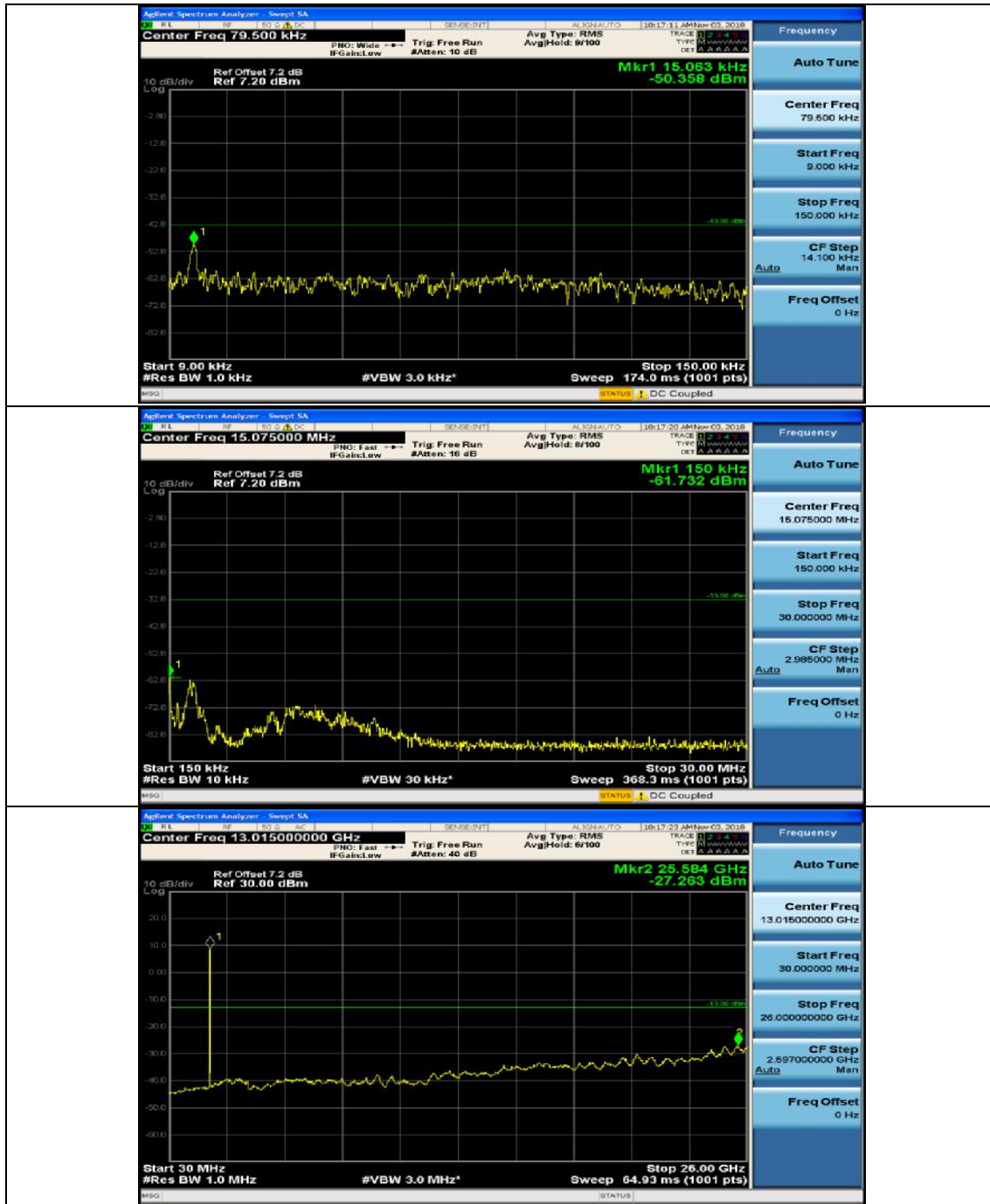




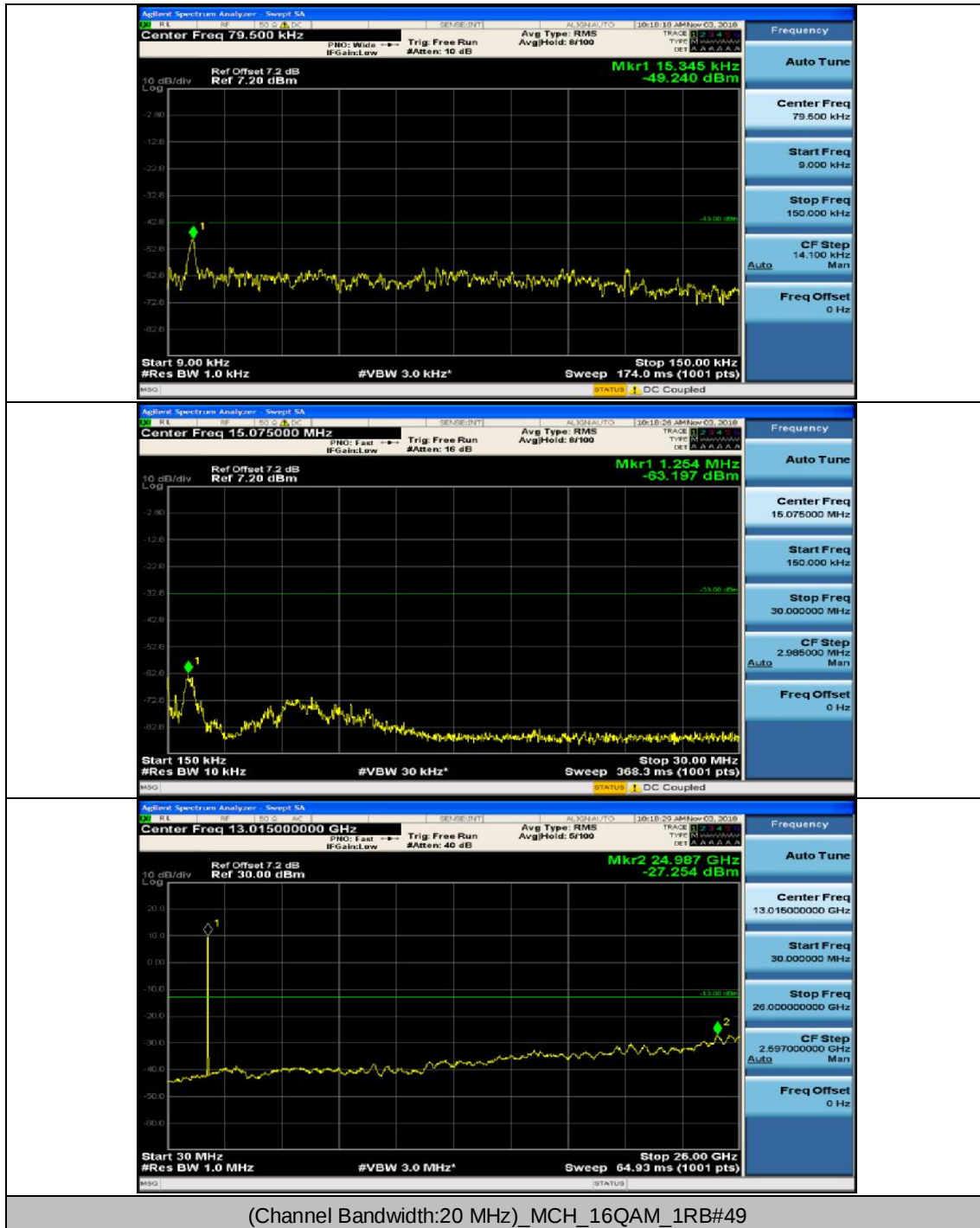
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0

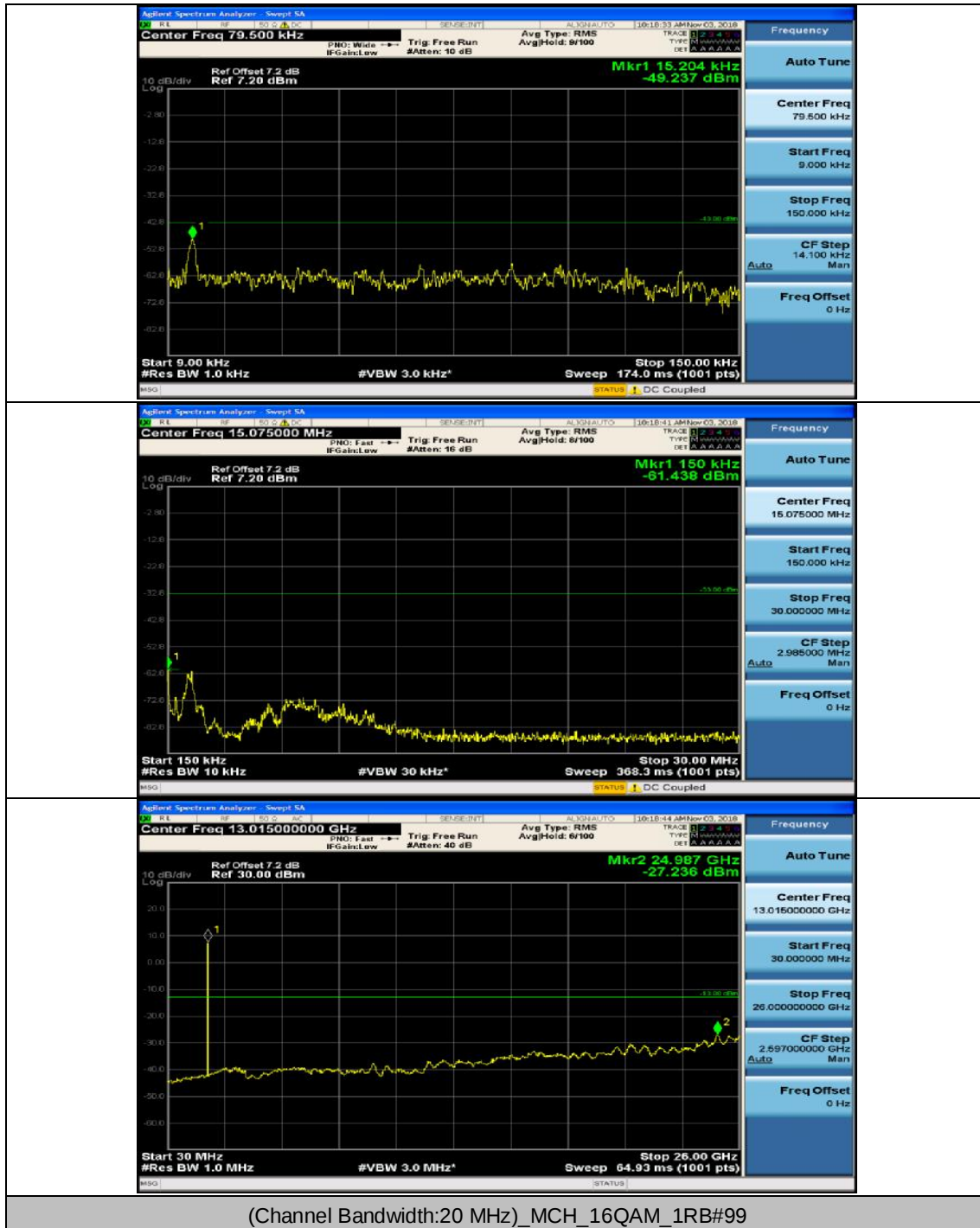


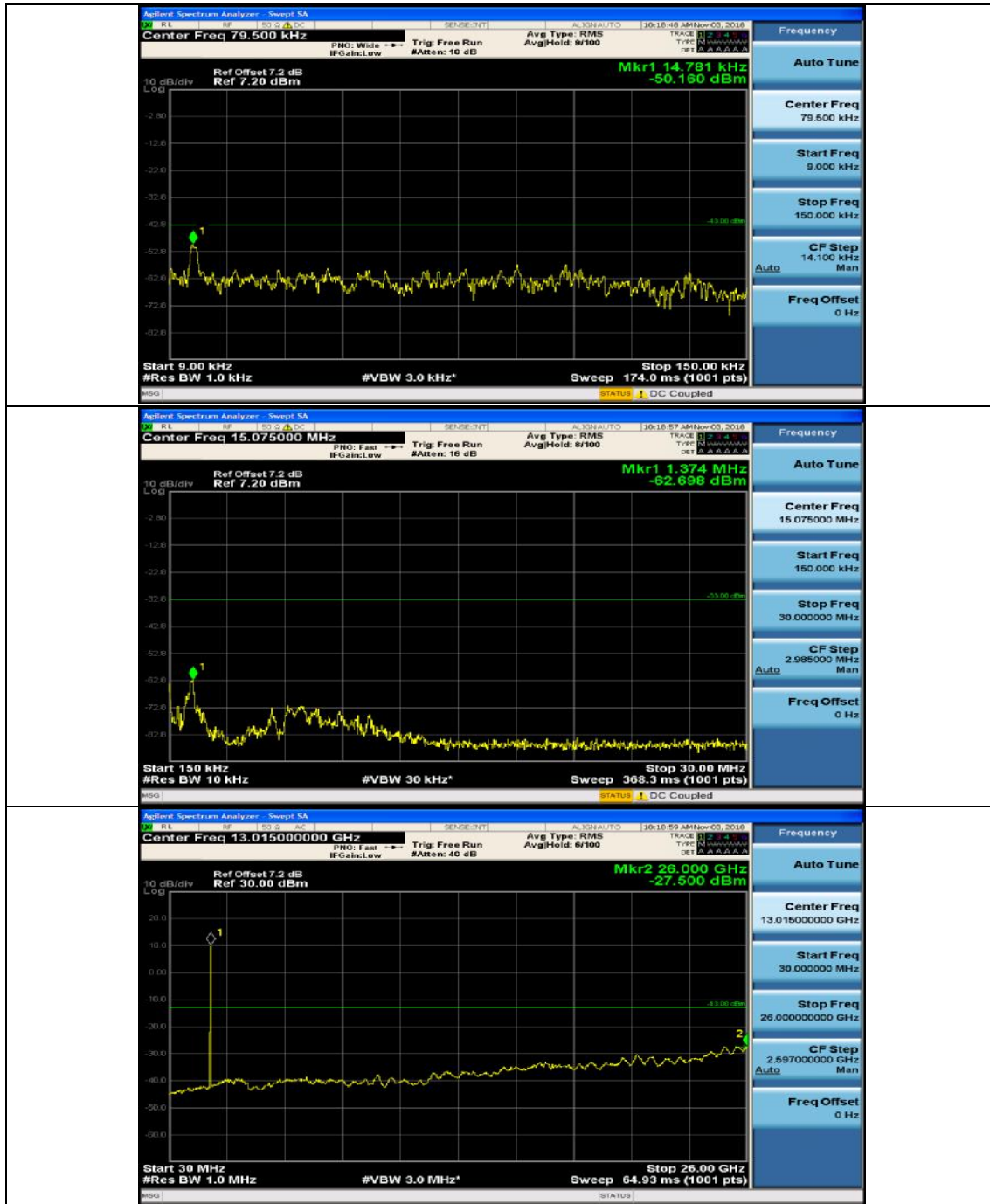




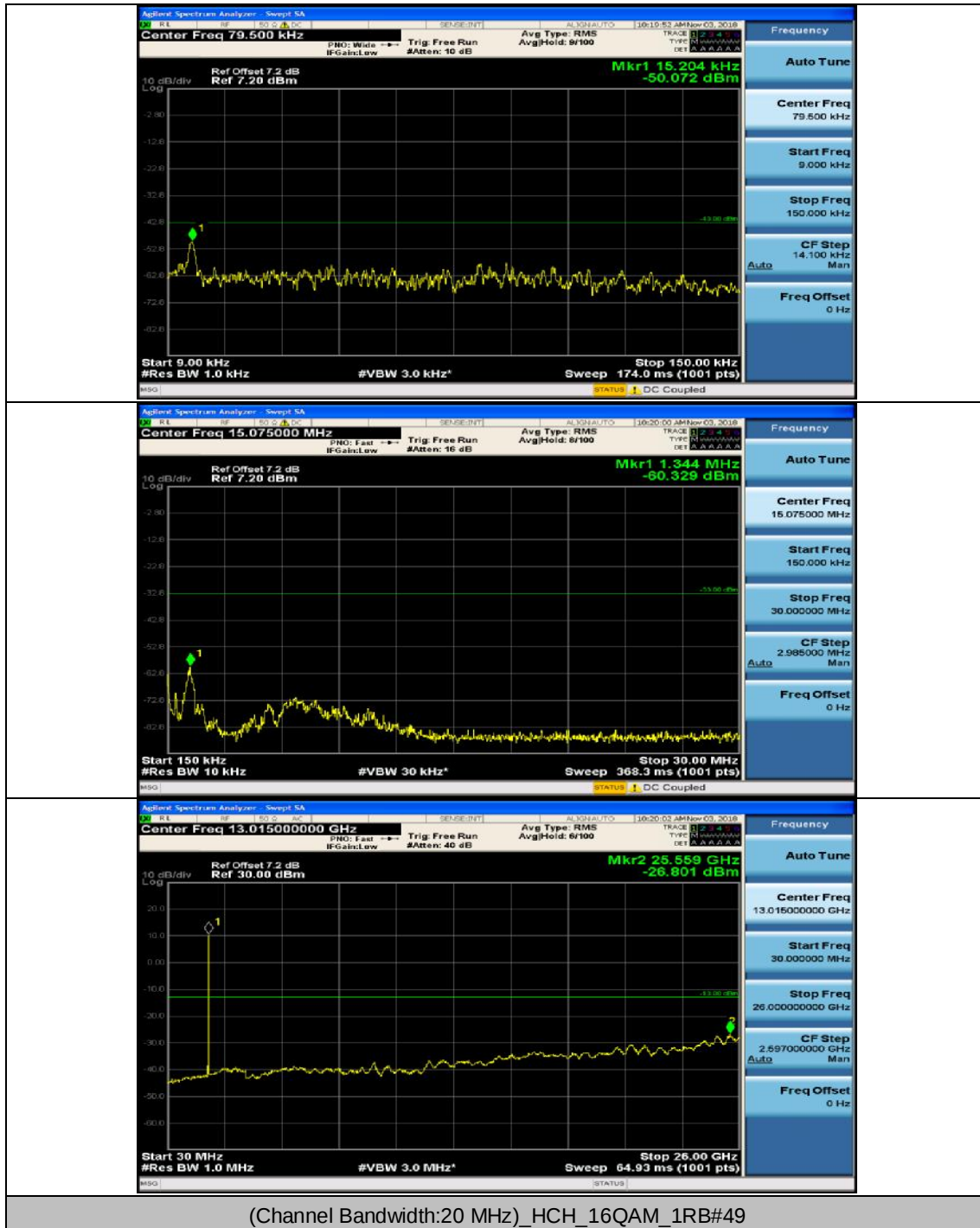
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0

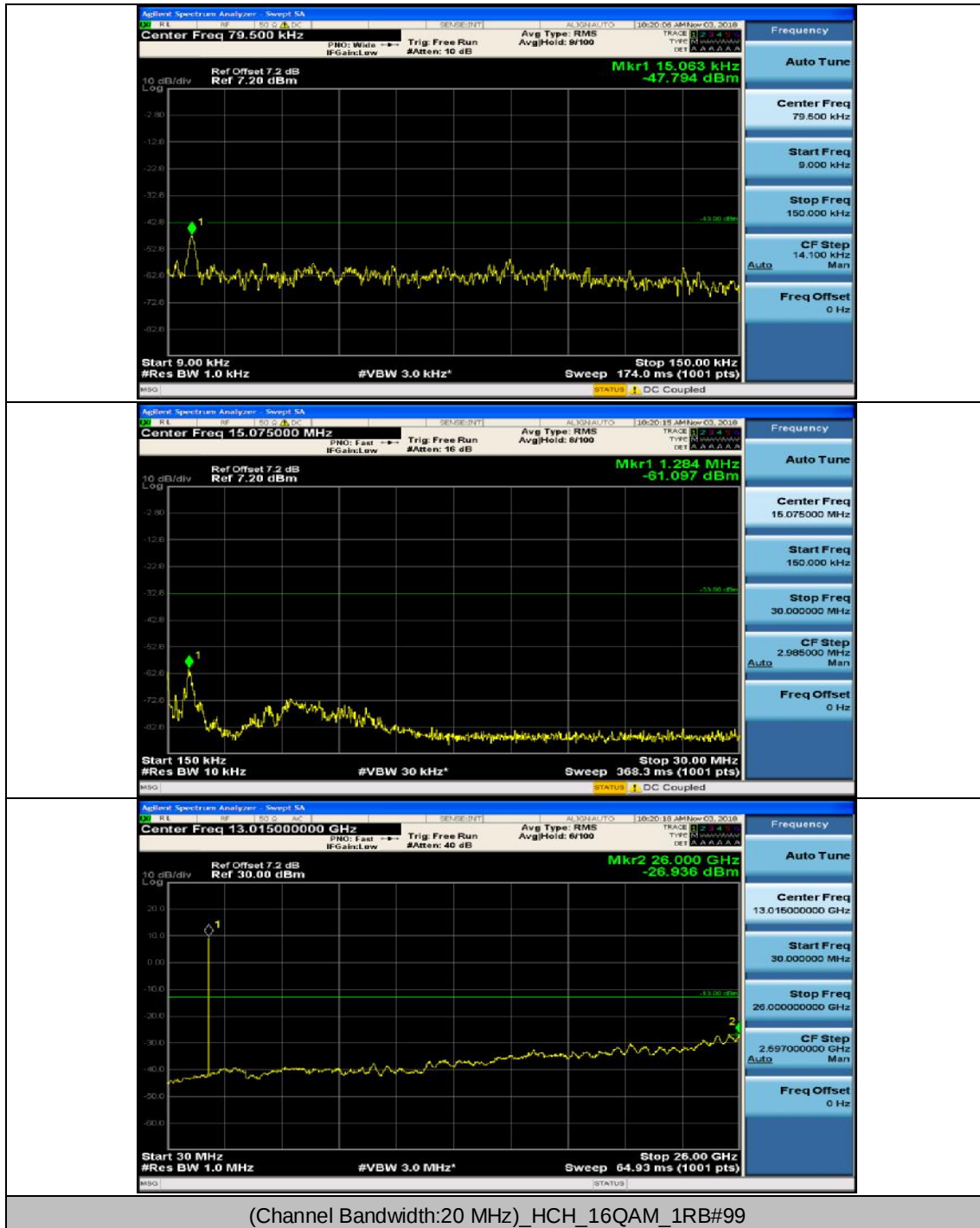


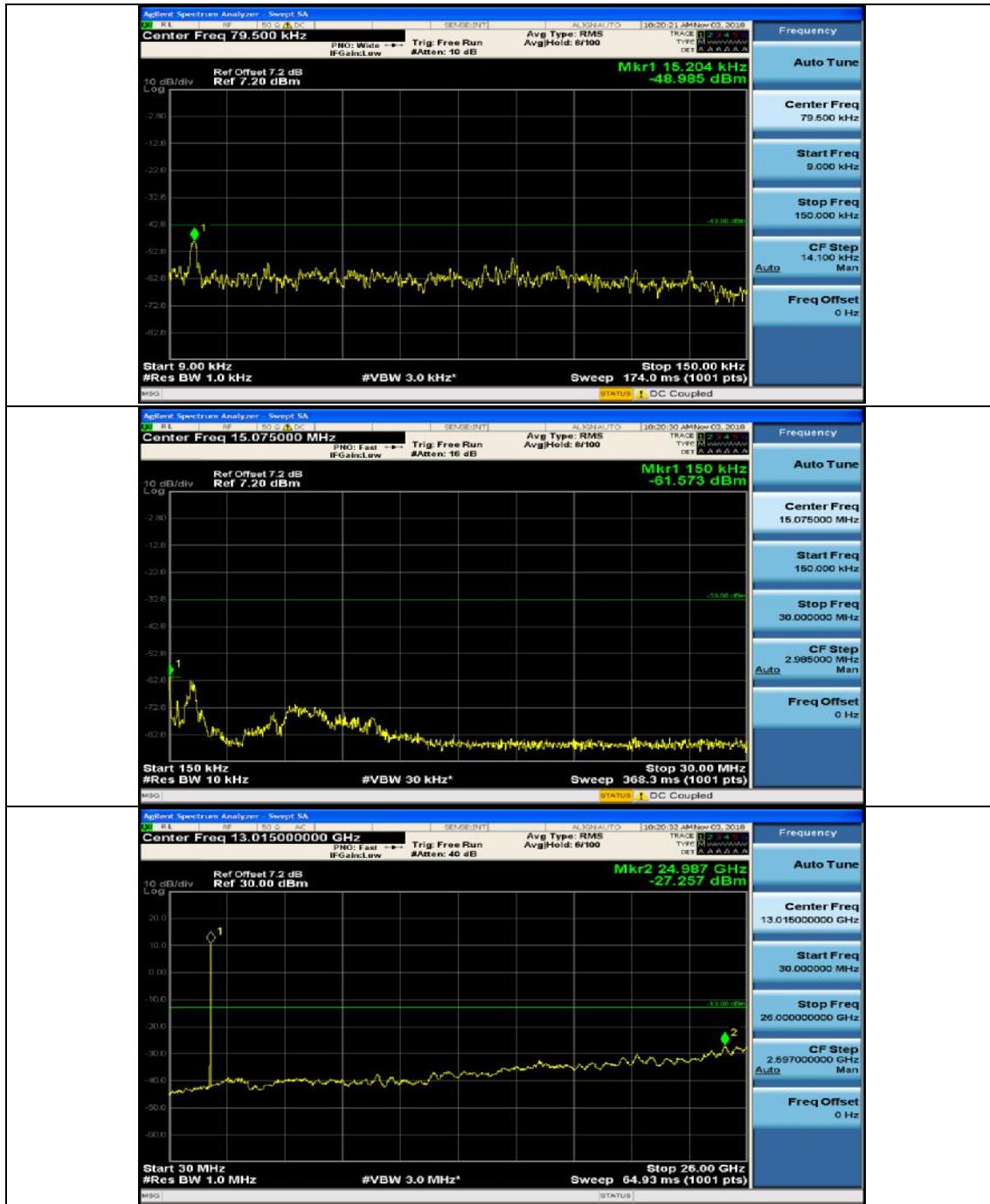




(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0







Appendix F: Frequency Stability

Test Result

Channel Bandwidth: 1.4 MHz

Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	4.5	25	-0.001144	± 2.5	PASS
		5.0	25	-0.000912	± 2.5	PASS
		5.5	25	-0.000595	± 2.5	PASS
	MCH	4.5	25	-0.001415	± 2.5	PASS
		5.0	25	-0.001476	± 2.5	PASS
		5.5	25	-0.001339	± 2.5	PASS
	HCH	4.5	25	0.000937	± 2.5	PASS
		5.0	25	0.000562	± 2.5	PASS
		5.5	25	0.00039	± 2.5	PASS
16QAM	LCH	4.5	25	-0.000008	± 2.5	PASS
		5.0	25	-0.000865	± 2.5	PASS
		5.5	25	-0.001004	± 2.5	PASS
	MCH	4.5	25	-0.001453	± 2.5	PASS
		5.0	25	-0.001088	± 2.5	PASS
		5.5	25	-0.001644	± 2.5	PASS
	HCH	4.5	25	0.000524	± 2.5	PASS
		5.0	25	0.001109	± 2.5	PASS
		5.5	25	0.00057	± 2.5	PASS
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	5.0	-30	-0.000958	± 2.5	PASS
		5.0	-20	-0.000827	± 2.5	PASS
		5.0	-10	-0.000695	± 2.5	PASS
		5.0	0	-0.000827	± 2.5	PASS
		5.0	10	-0.001354	± 2.5	PASS
		5.0	20	0.000116	± 2.5	PASS
		5.0	30	-0.002473	± 2.5	PASS
		5.0	40	-0.002358	± 2.5	PASS
		5.0	50	0.000224	± 2.5	PASS
	MCH	5.0	-30	-0.000912	± 2.5	PASS
		5.0	-20	-0.000325	± 2.5	PASS
		5.0	-10	-0.001214	± 2.5	PASS
		5.0	0	-0.001134	± 2.5	PASS

		5.0	10	-0.001012	± 2.5	PASS
		5.0	20	-0.001438	± 2.5	PASS
		5.0	30	-0.002016	± 2.5	PASS
		5.0	40	0.000167	± 2.5	PASS
		5.0	50	-0.001704	± 2.5	PASS
	HCH	5.0	-30	-0.001339	± 2.5	PASS
		5.0	-20	0.001117	± 2.5	PASS
		5.0	-10	0.00063	± 2.5	PASS
		5.0	0	0.001102	± 2.5	PASS
		5.0	10	0.000472	± 2.5	PASS
		5.0	20	-0.001431	± 2.5	PASS
		5.0	30	-0.000734	± 2.5	PASS
		5.0	40	-0.001806	± 2.5	PASS
		5.0	50	-0.001409	± 2.5	PASS
16QAM	LCH	5.0	-30	-0.00027	± 2.5	PASS
		5.0	-20	-0.000348	± 2.5	PASS
		5.0	-10	-0.000409	± 2.5	PASS
		5.0	0	-0.000719	± 2.5	PASS
		5.0	10	-0.001058	± 2.5	PASS
		5.0	20	-0.001067	± 2.5	PASS
		5.0	30	-0.000433	± 2.5	PASS
		5.0	40	-0.002388	± 2.5	PASS
		5.0	50	0.000827	± 2.5	PASS
	MCH	5.0	-30	-0.000425	± 2.5	PASS
		5.0	-20	-0.000898	± 2.5	PASS
		5.0	-10	-0.001217	± 2.5	PASS
		5.0	0	-0.001453	± 2.5	PASS
		5.0	10	-0.002184	± 2.5	PASS
		5.0	20	0.000046	± 2.5	PASS
		5.0	30	-0.001195	± 2.5	PASS
		5.0	40	-0.000213	± 2.5	PASS
		5.0	50	-0.000533	± 2.5	PASS
	HCH	5.0	-30	-0.000692	± 2.5	PASS
		5.0	-20	-0.002024	± 2.5	PASS
		5.0	-10	-0.001438	± 2.5	PASS
		5.0	0	-0.002138	± 2.5	PASS
		5.0	10	-0.001362	± 2.5	PASS
		5.0	20	-0.002982	± 2.5	PASS
		5.0	30	0.000135	± 2.5	PASS
		5.0	40	-0.000030	± 2.5	PASS
		5.0	50	-0.003042	± 2.5	PASS