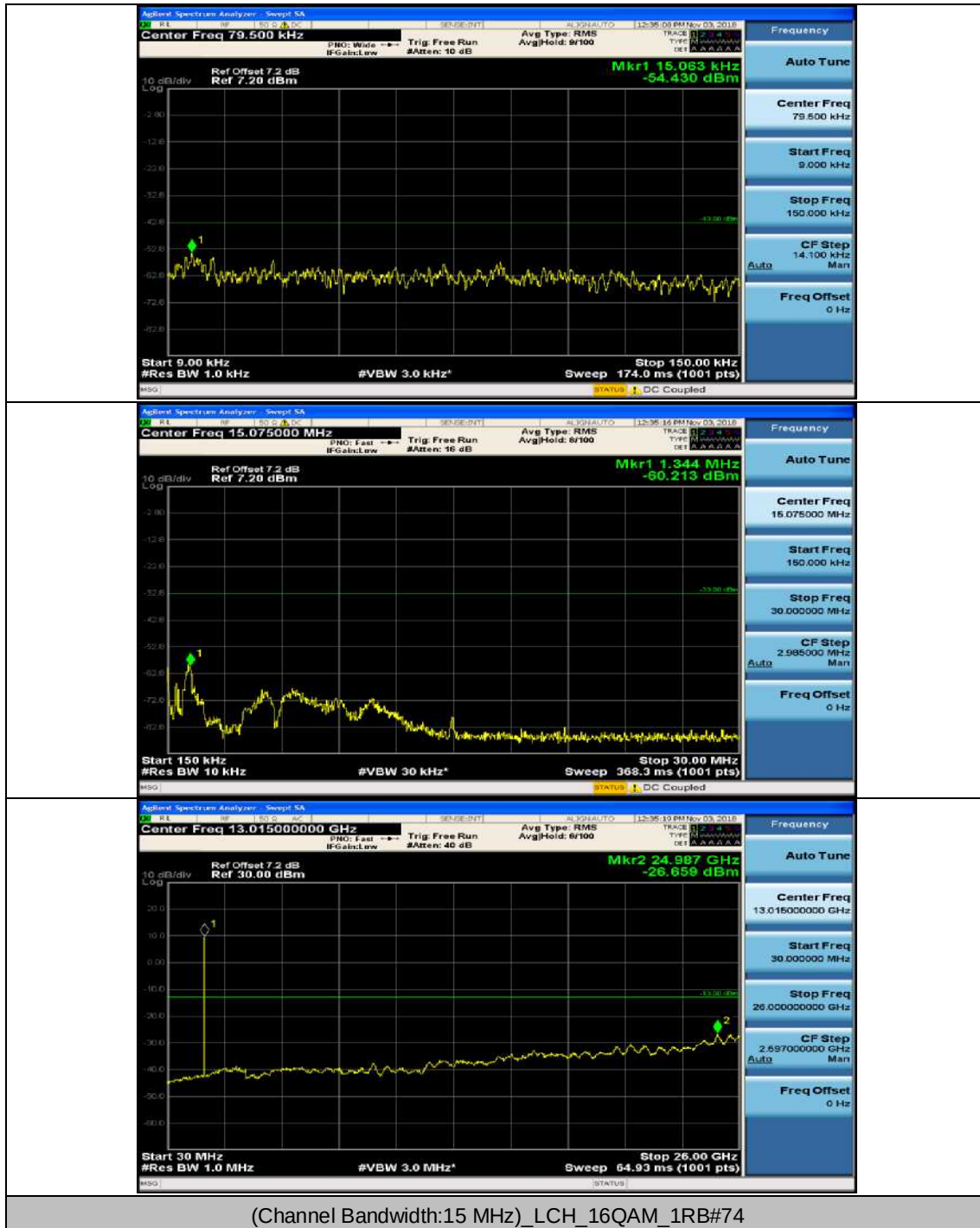
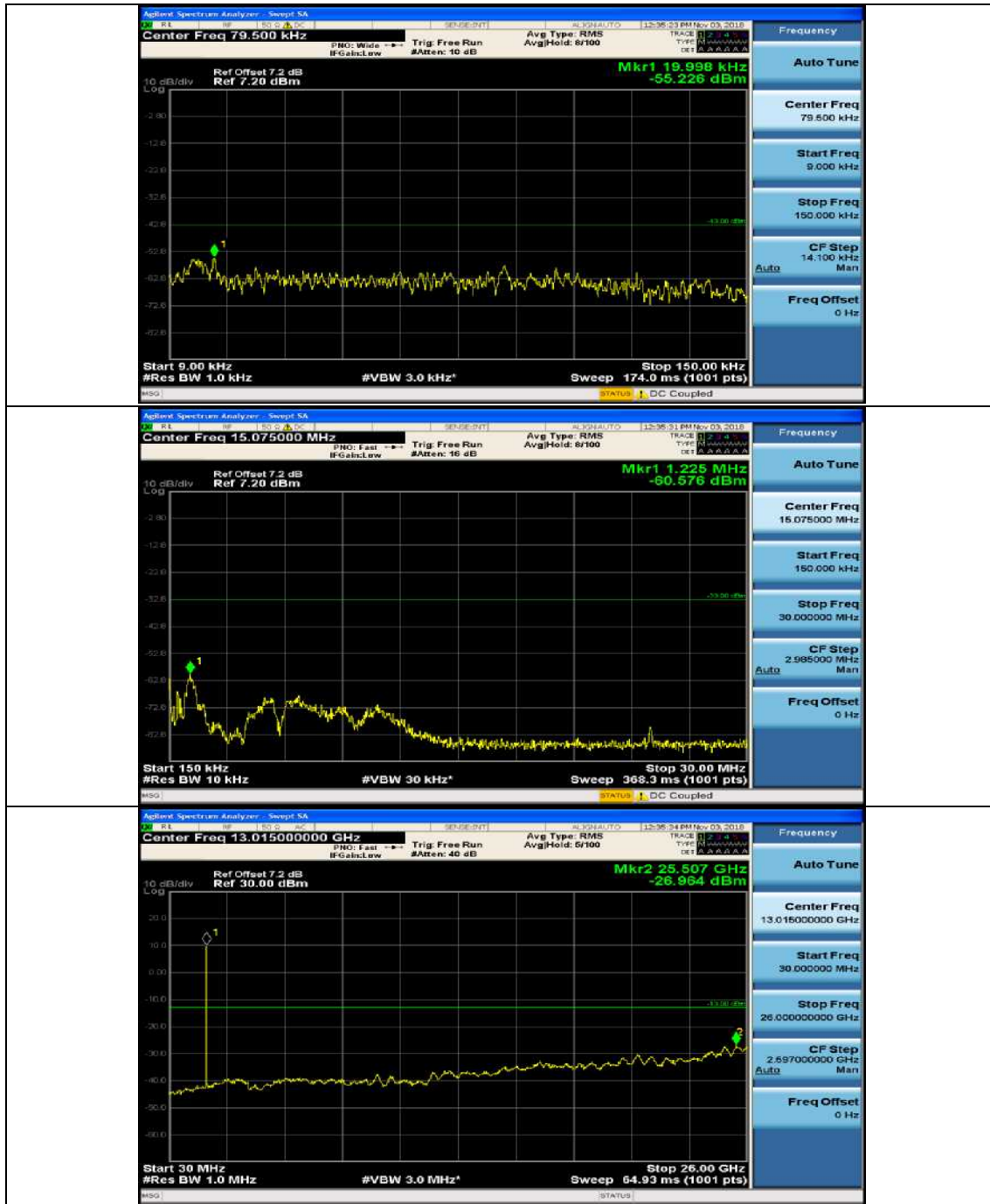


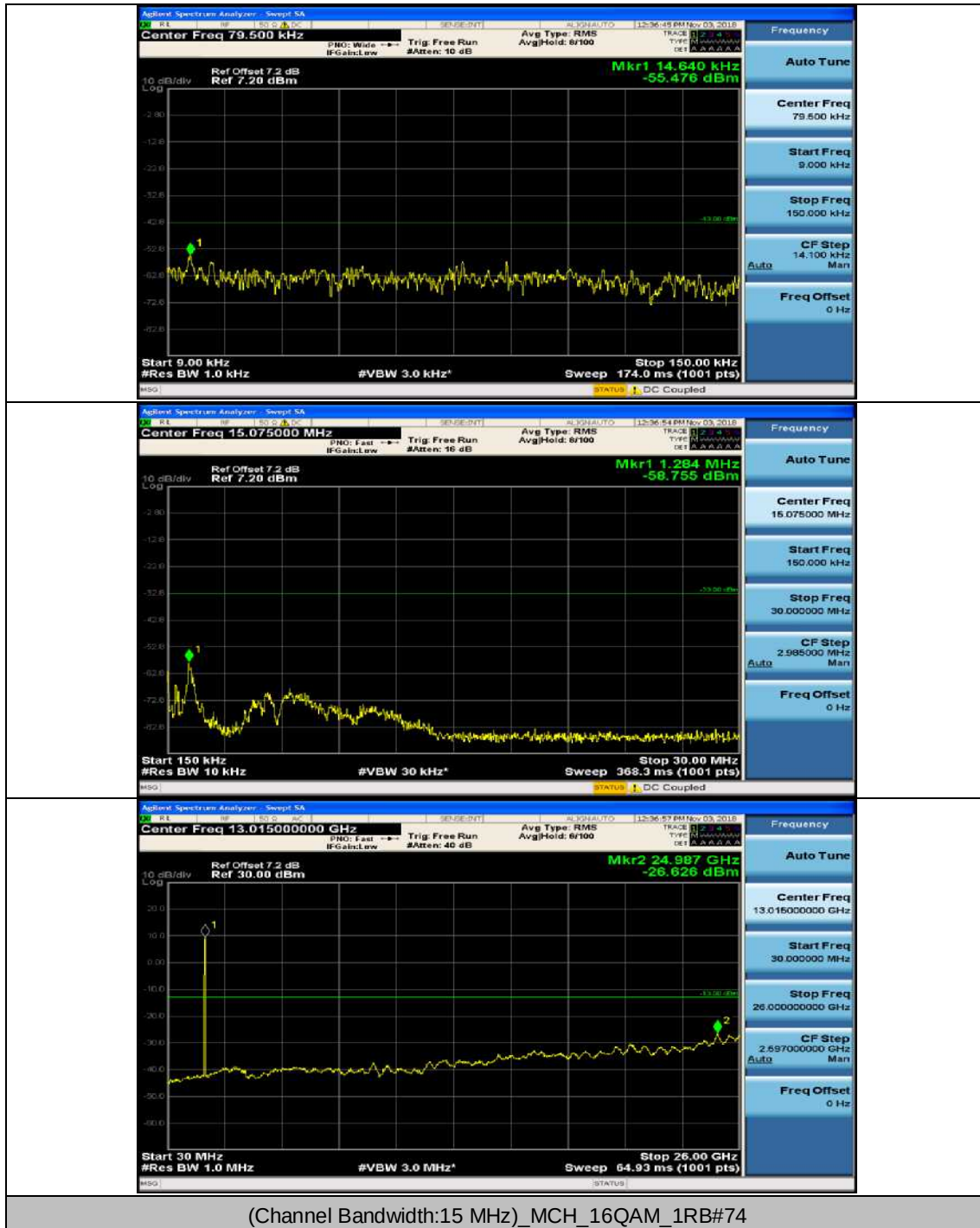


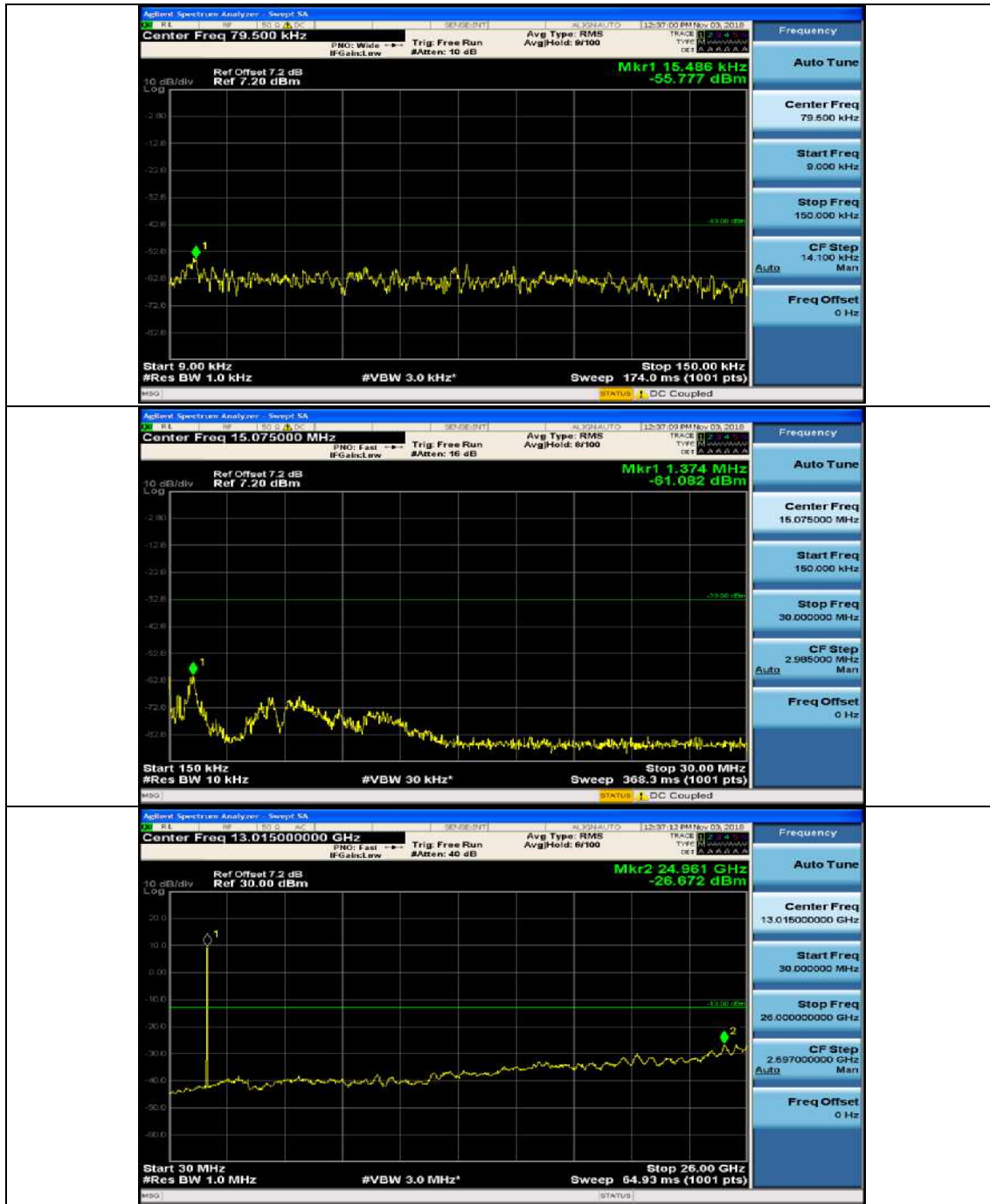


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37

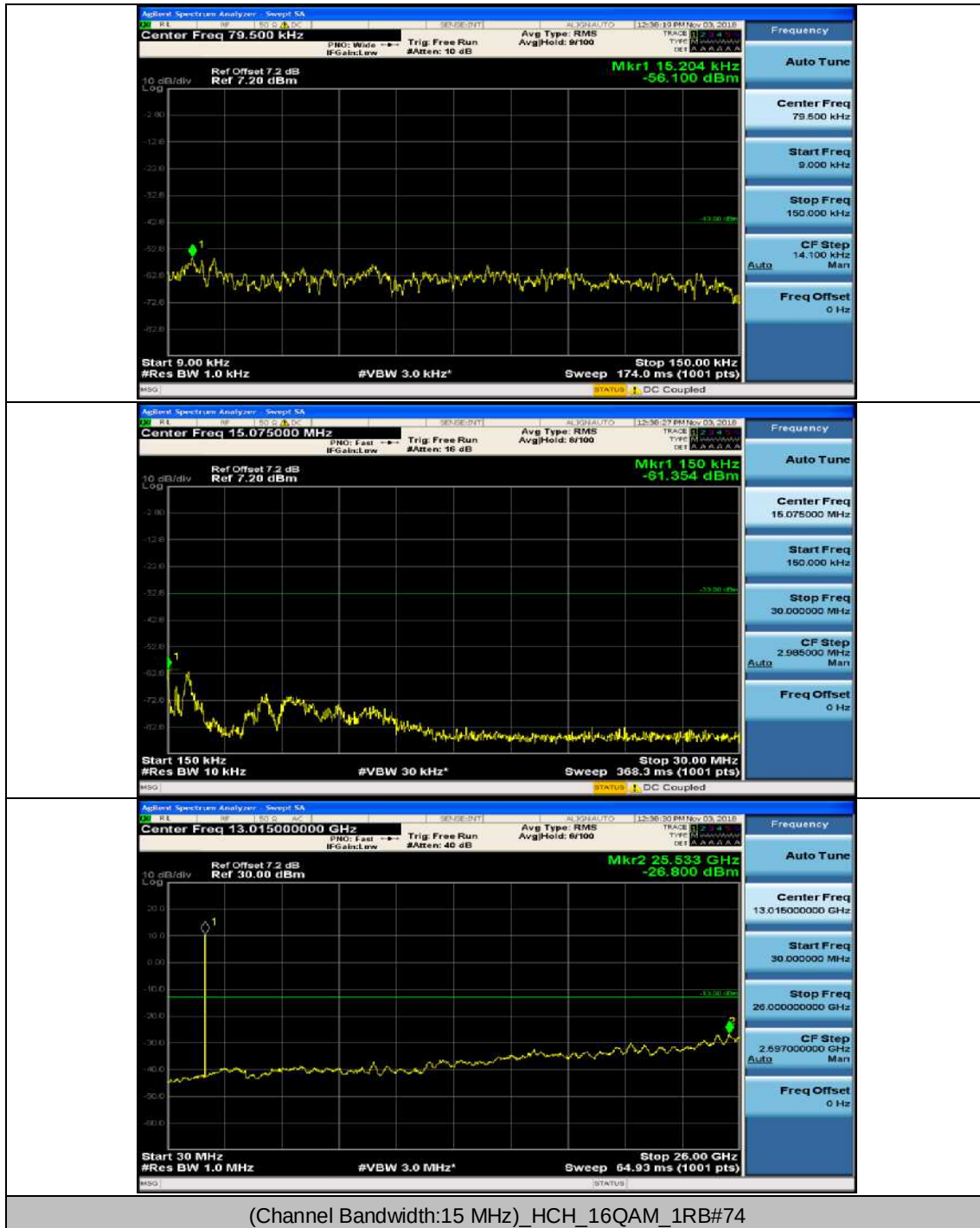


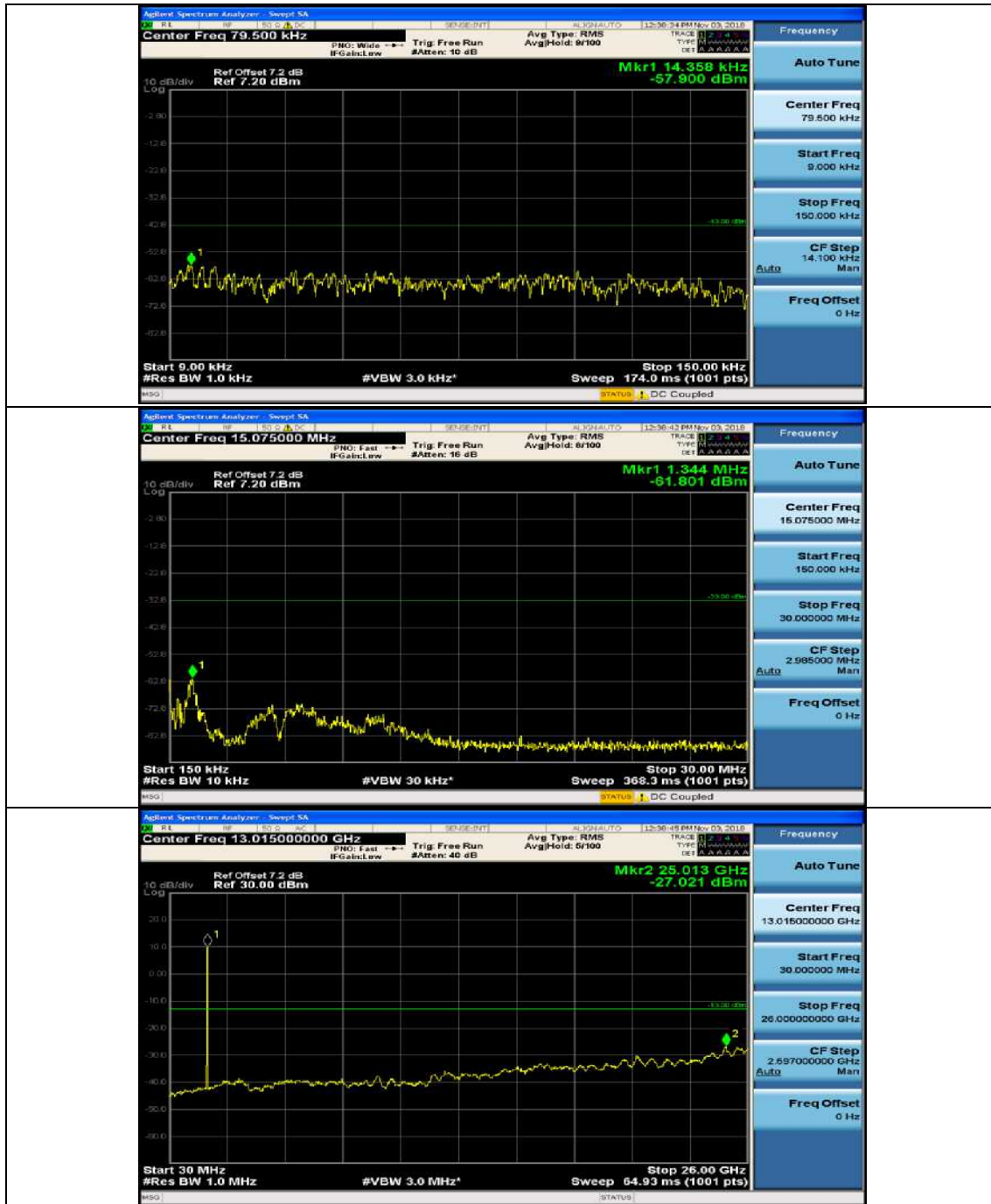


(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0

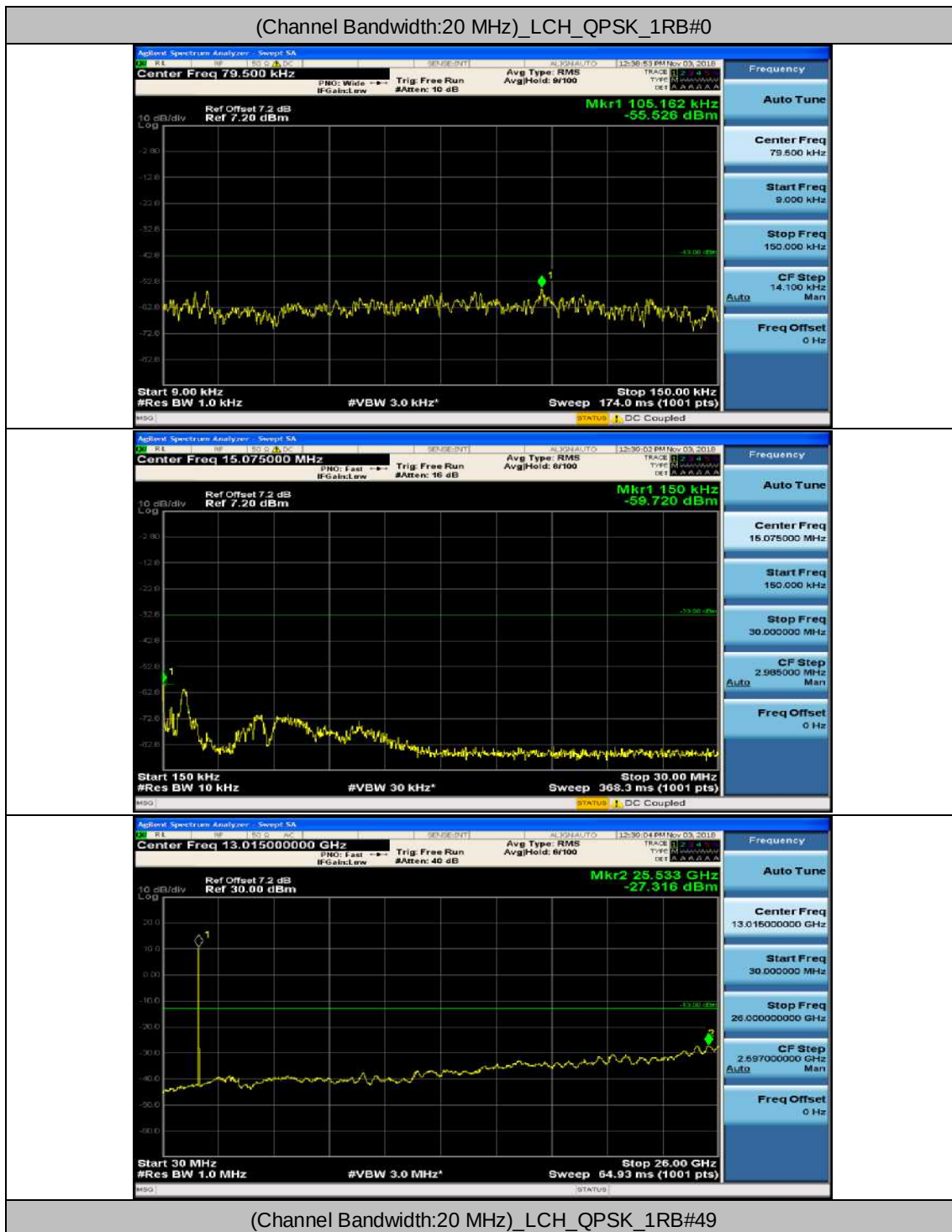


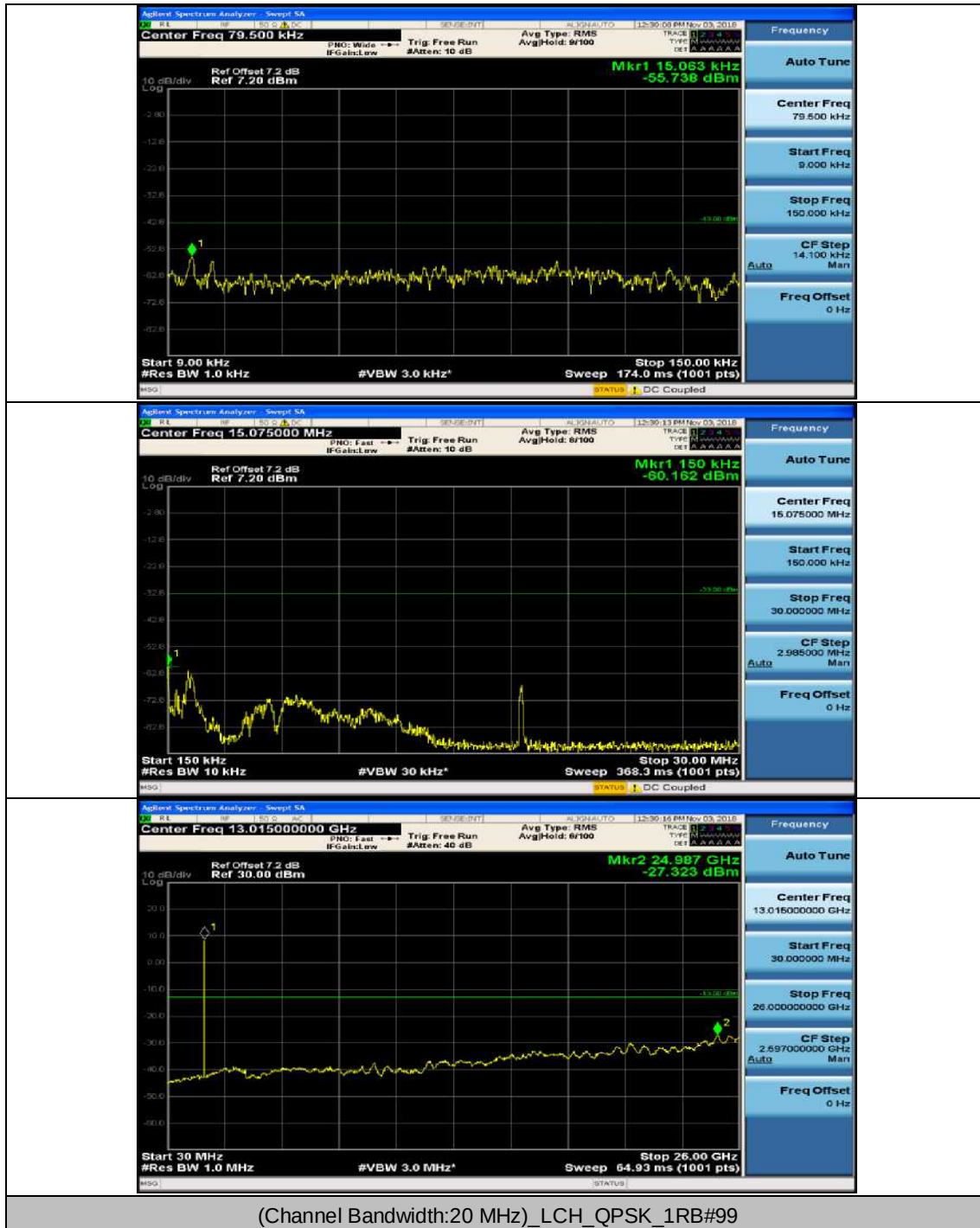
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37

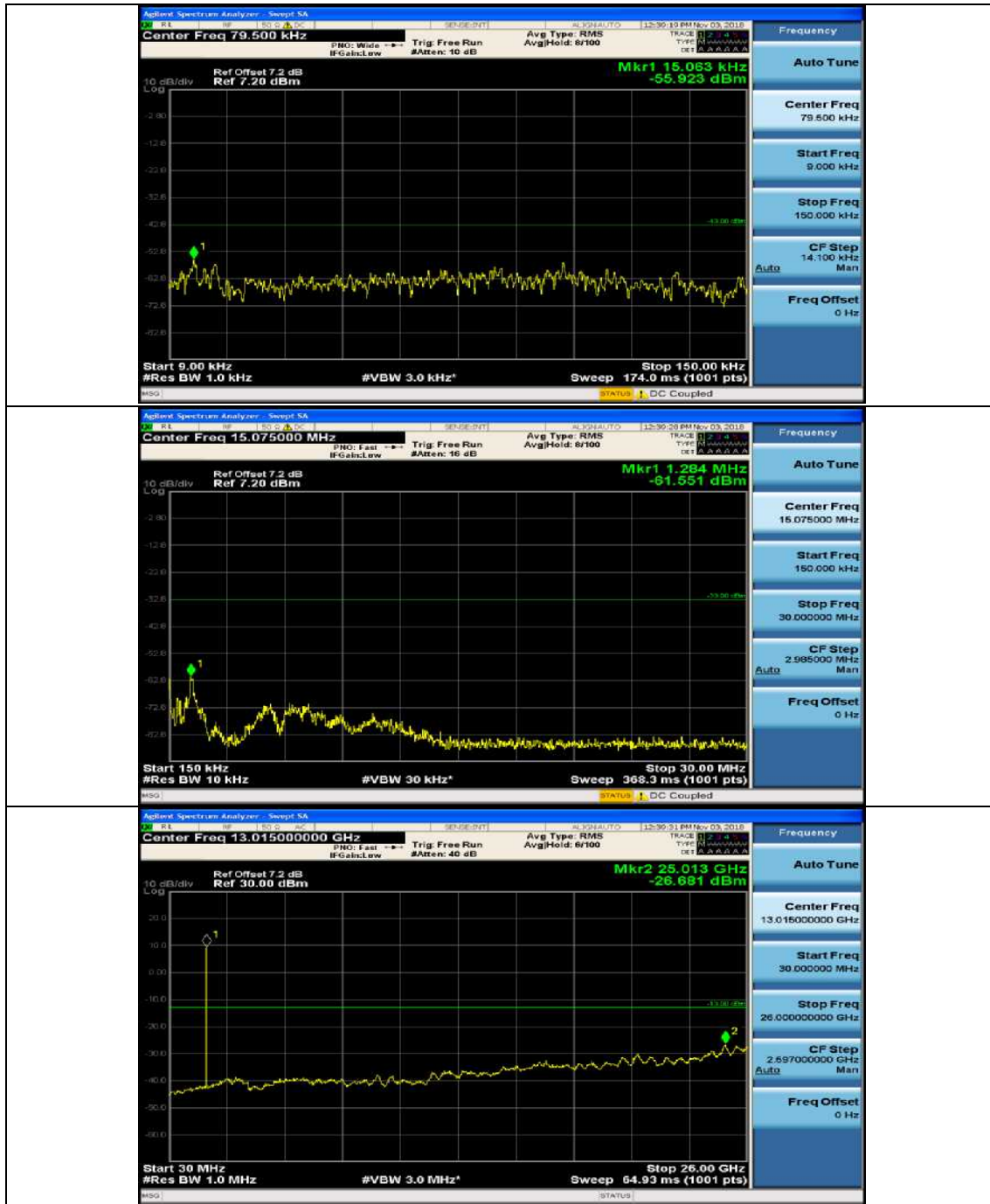




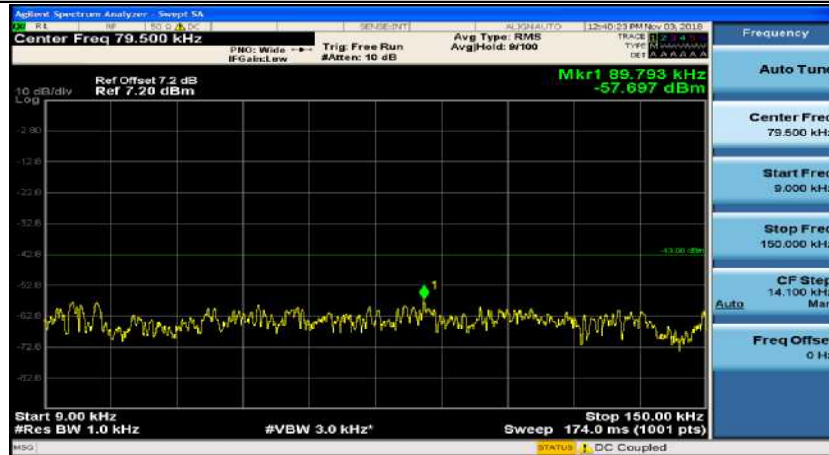
Channel Bandwidth: 20 MHz



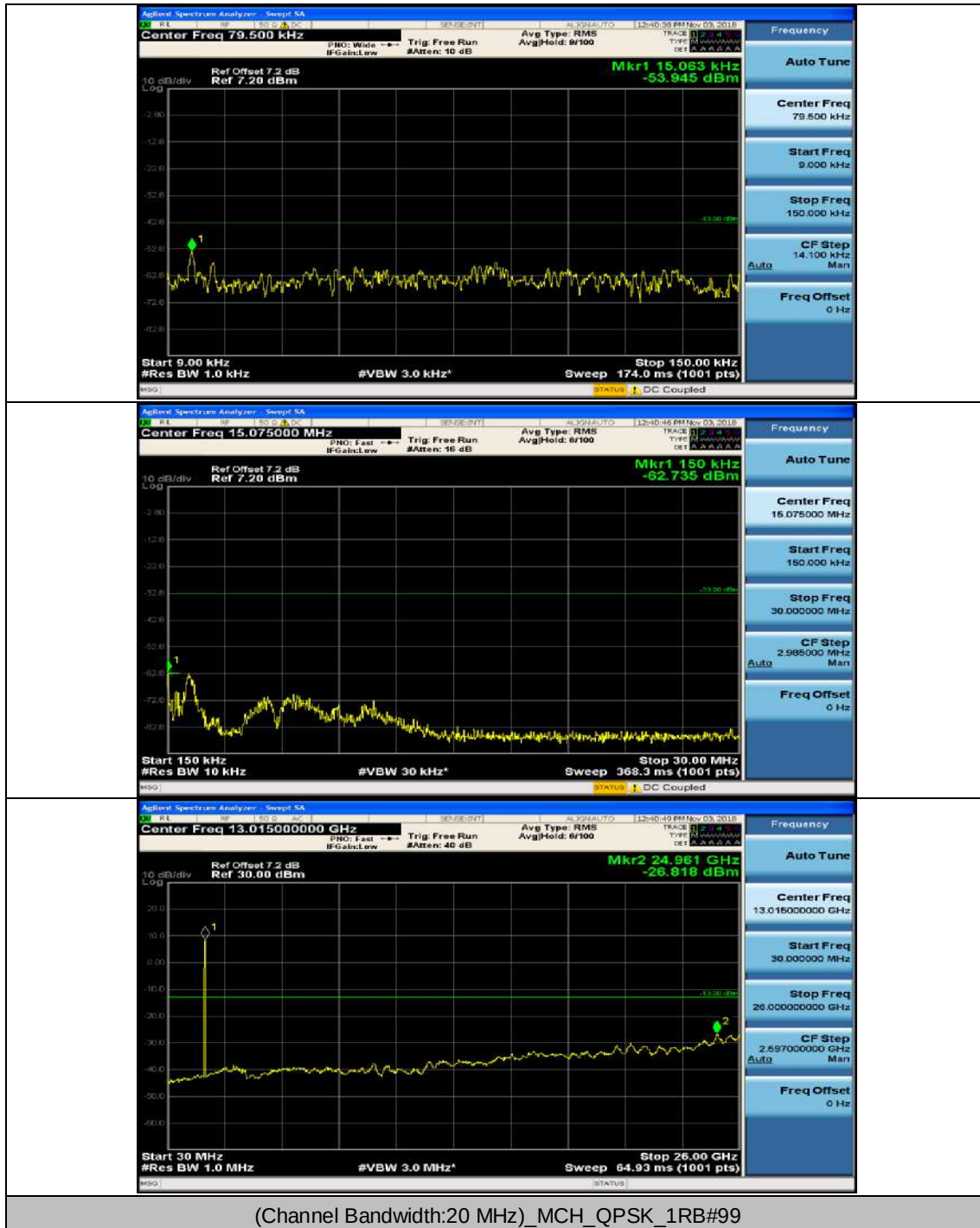


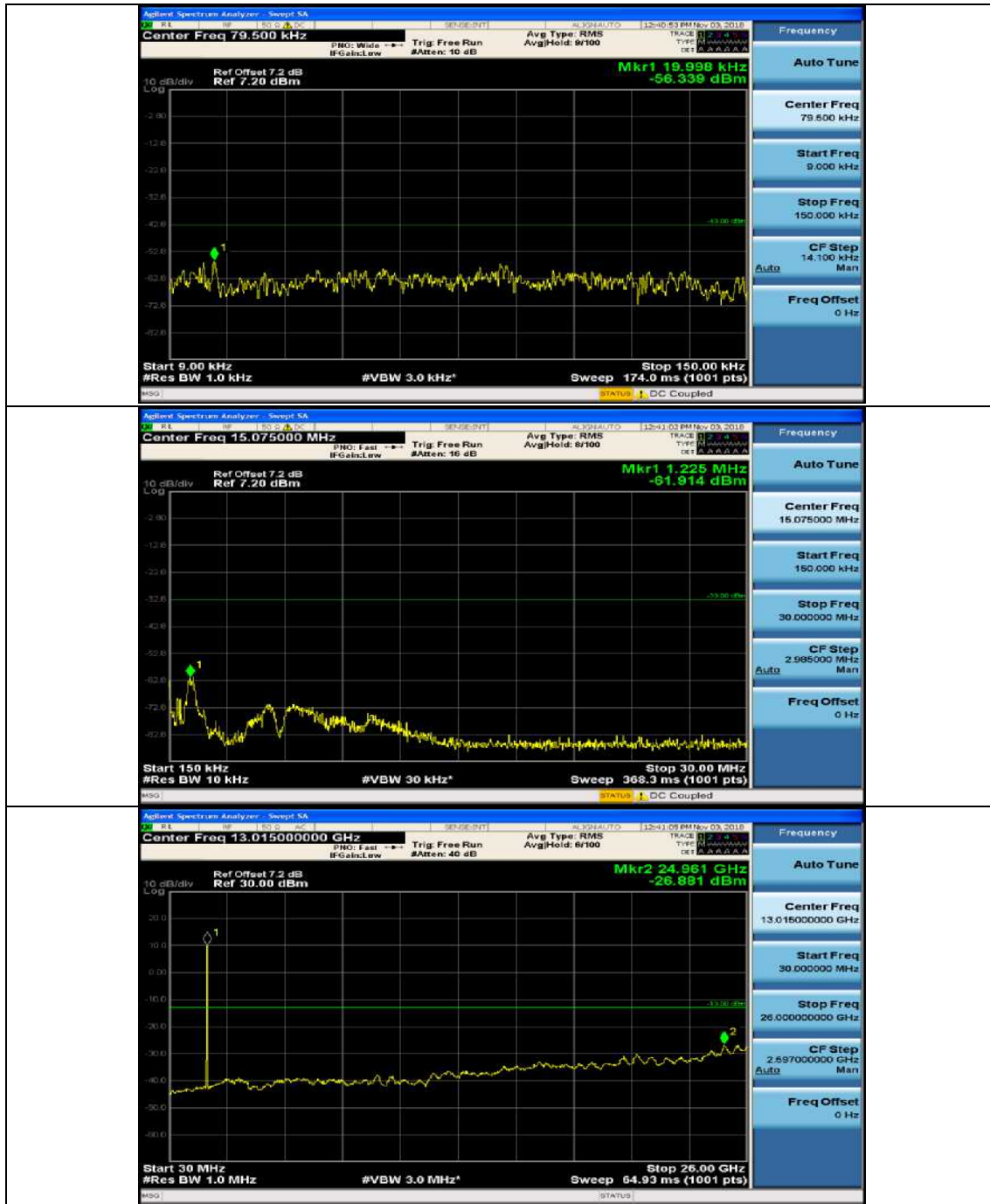


(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0

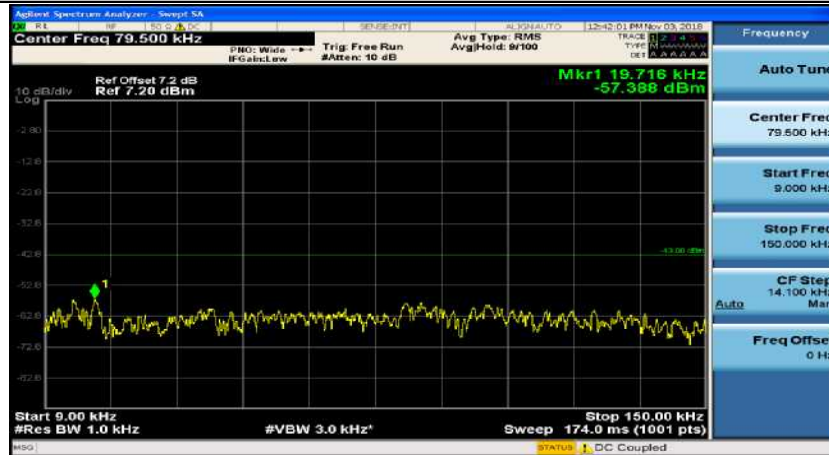


(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49

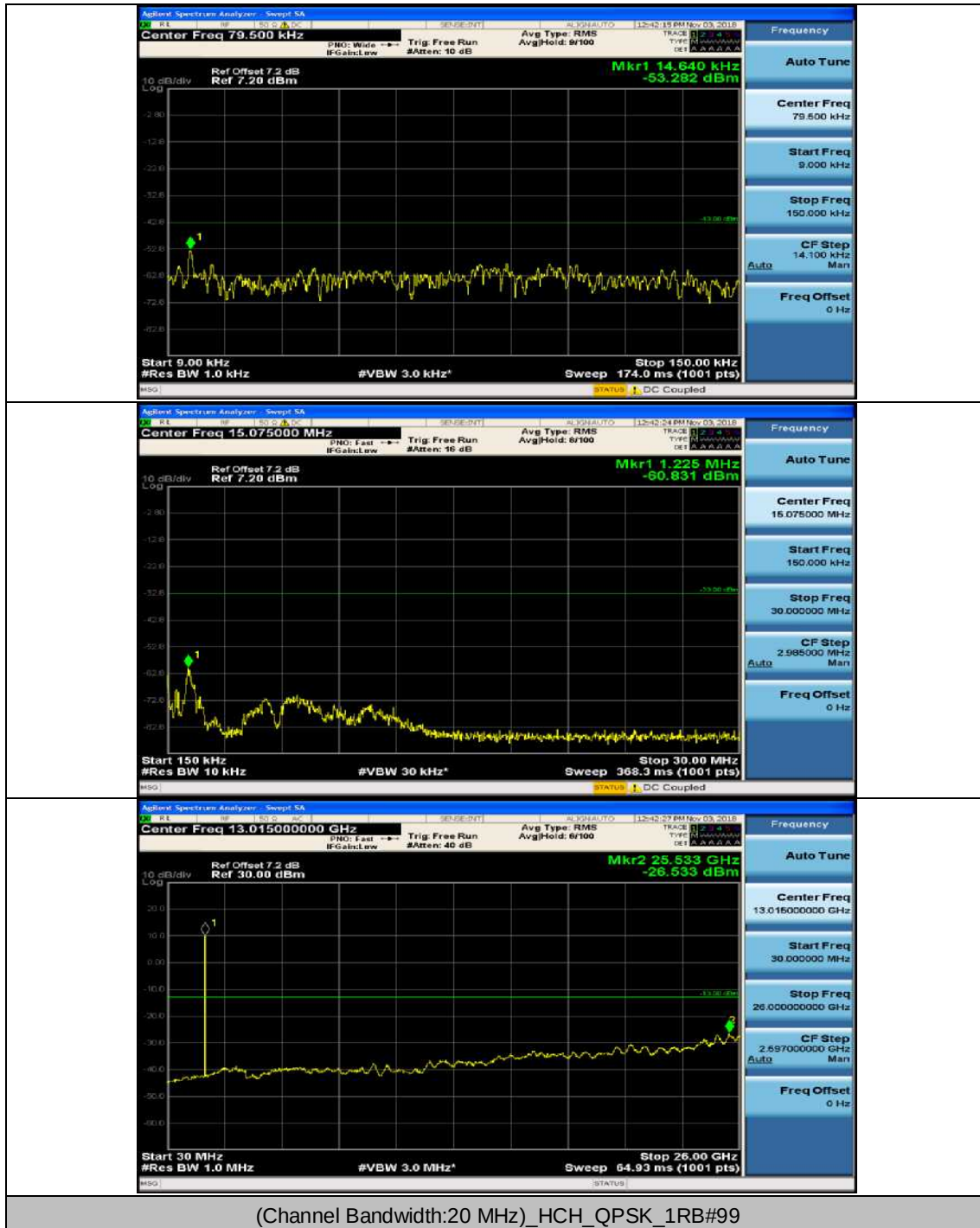


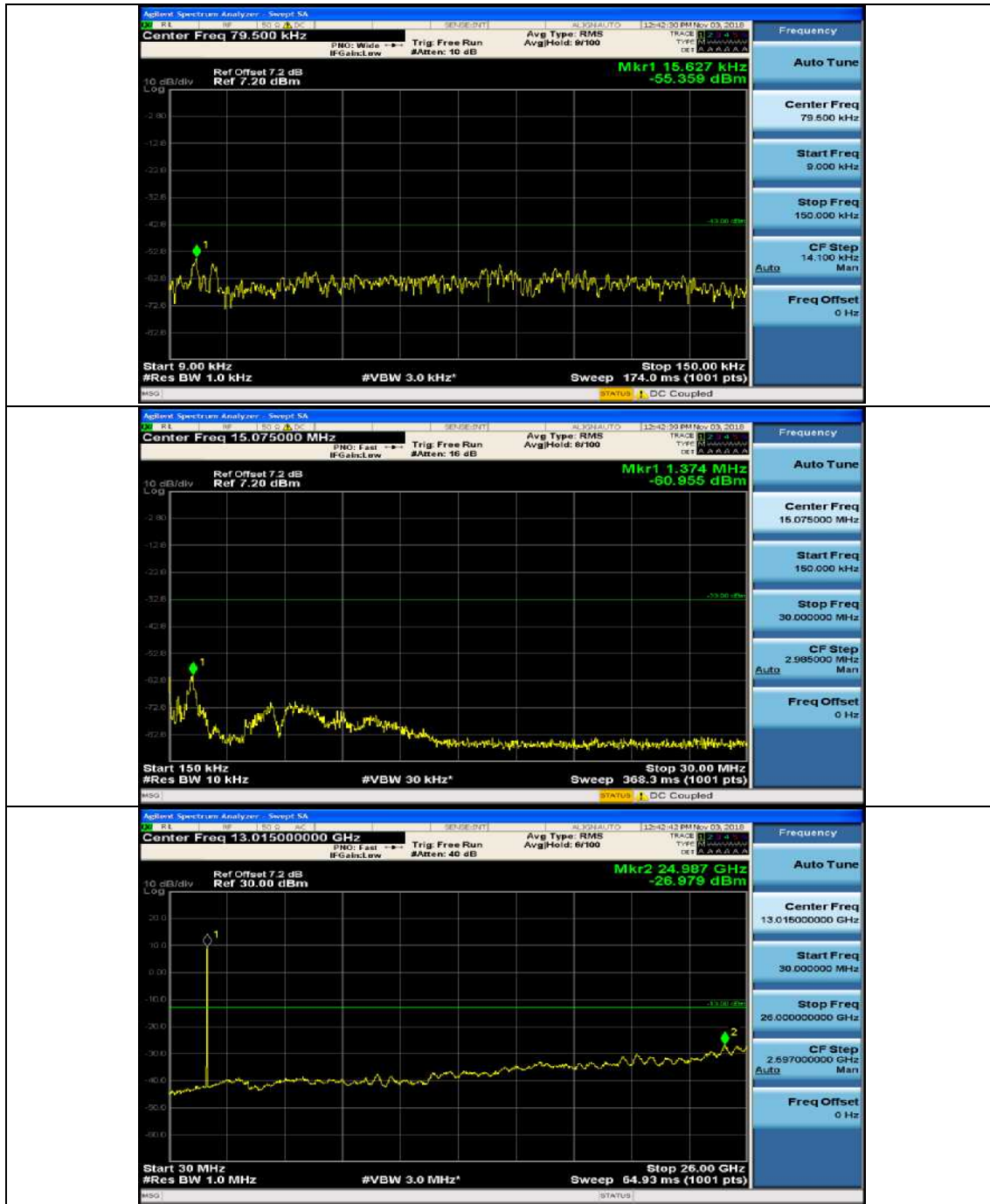


(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49

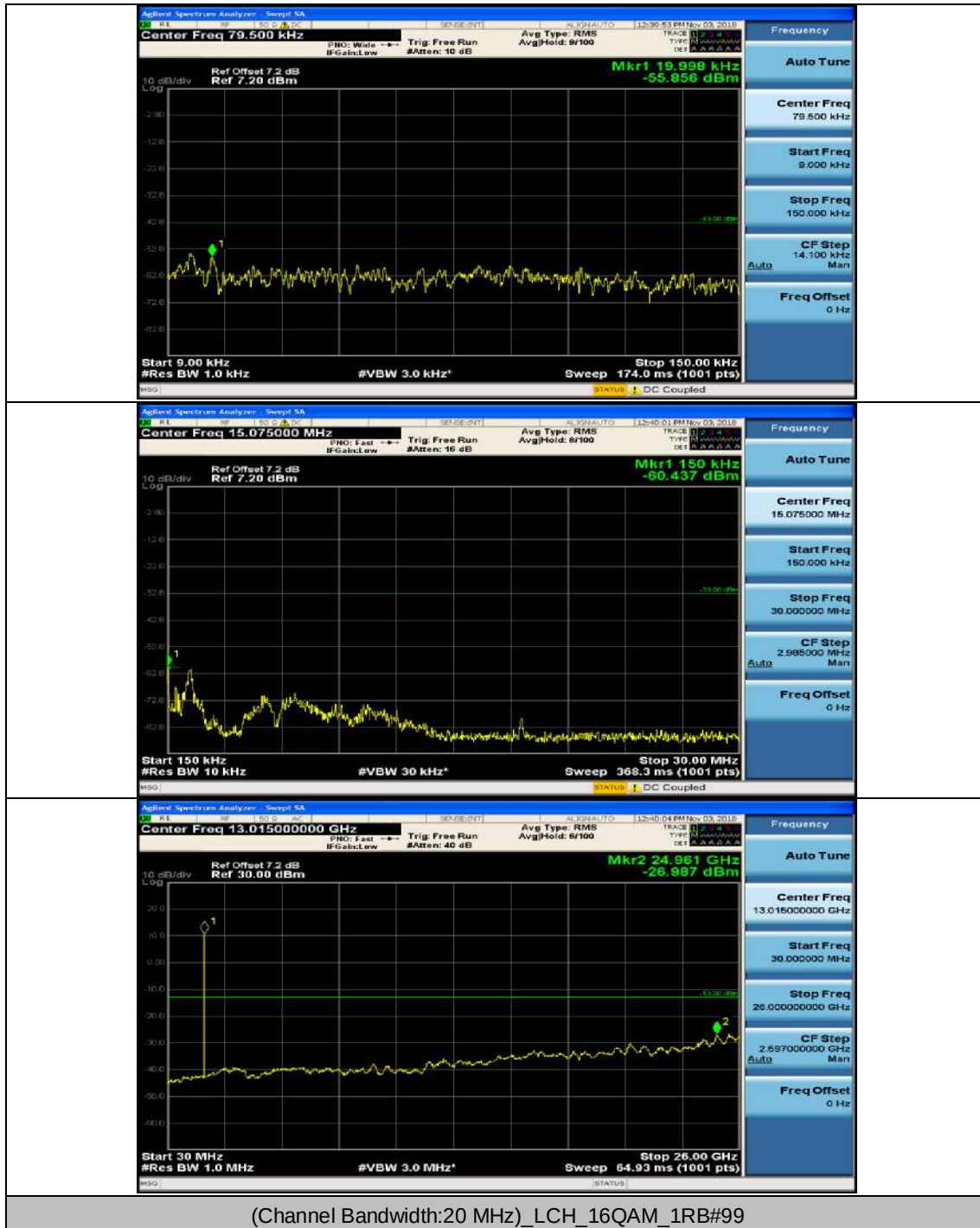


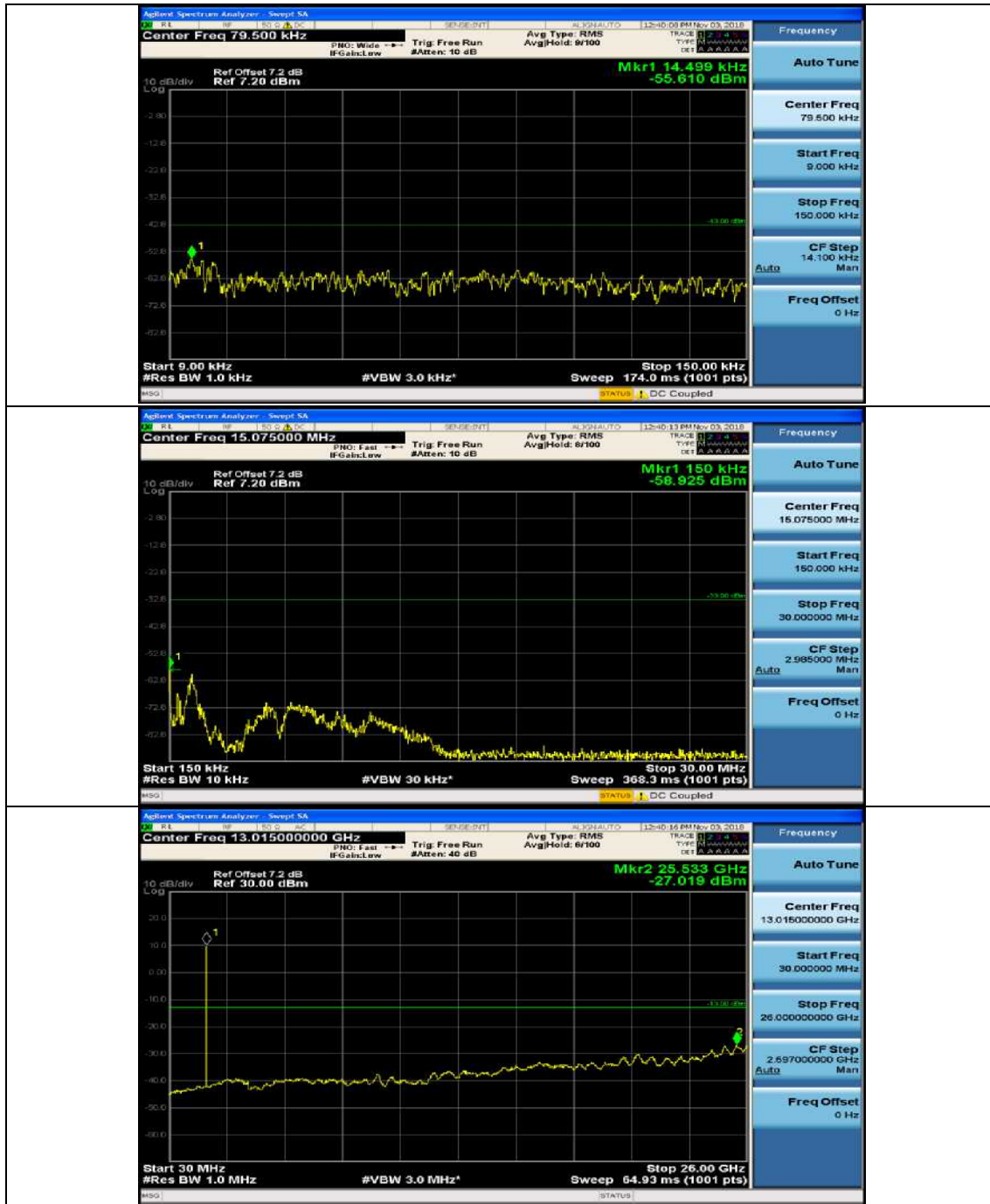


(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49

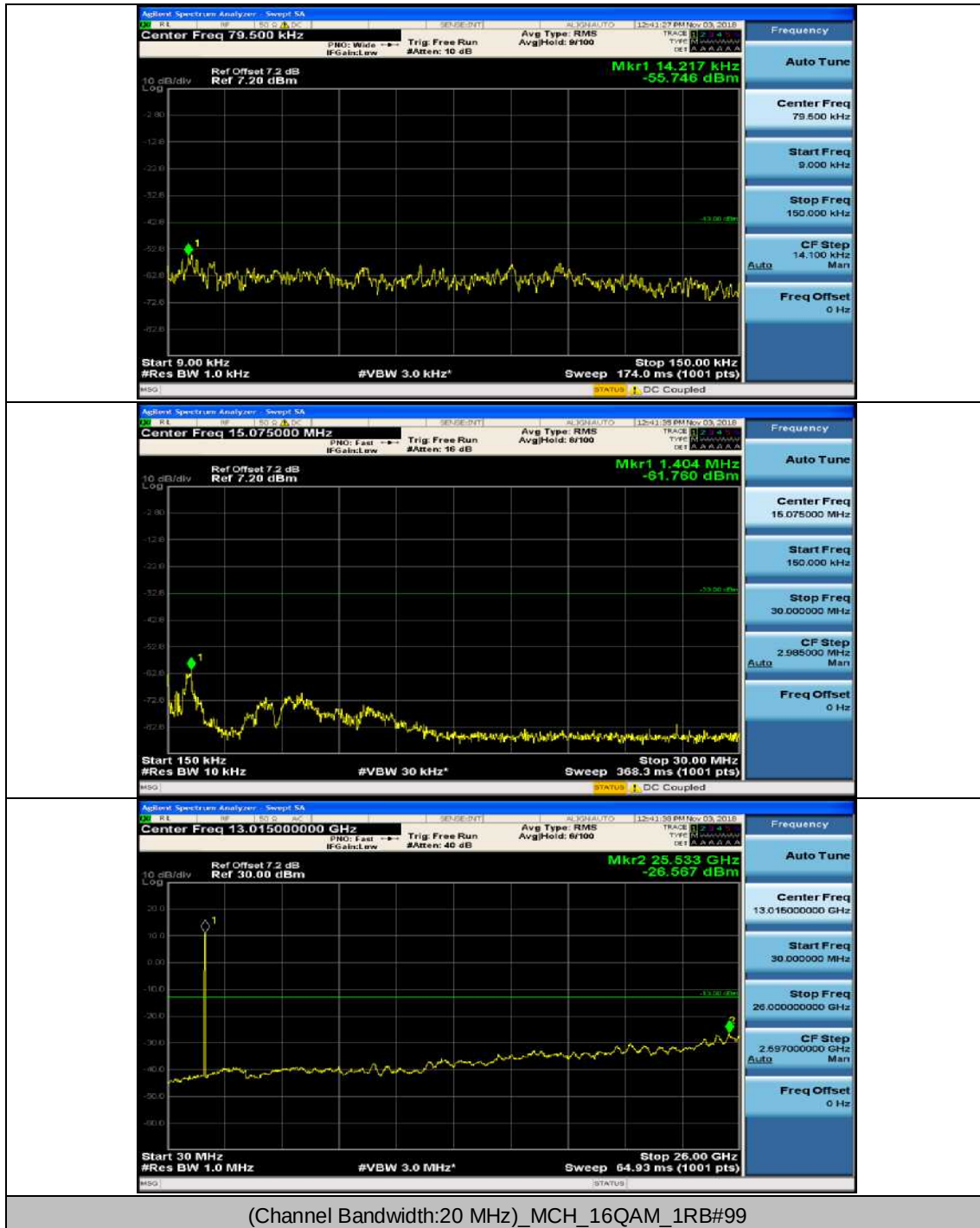


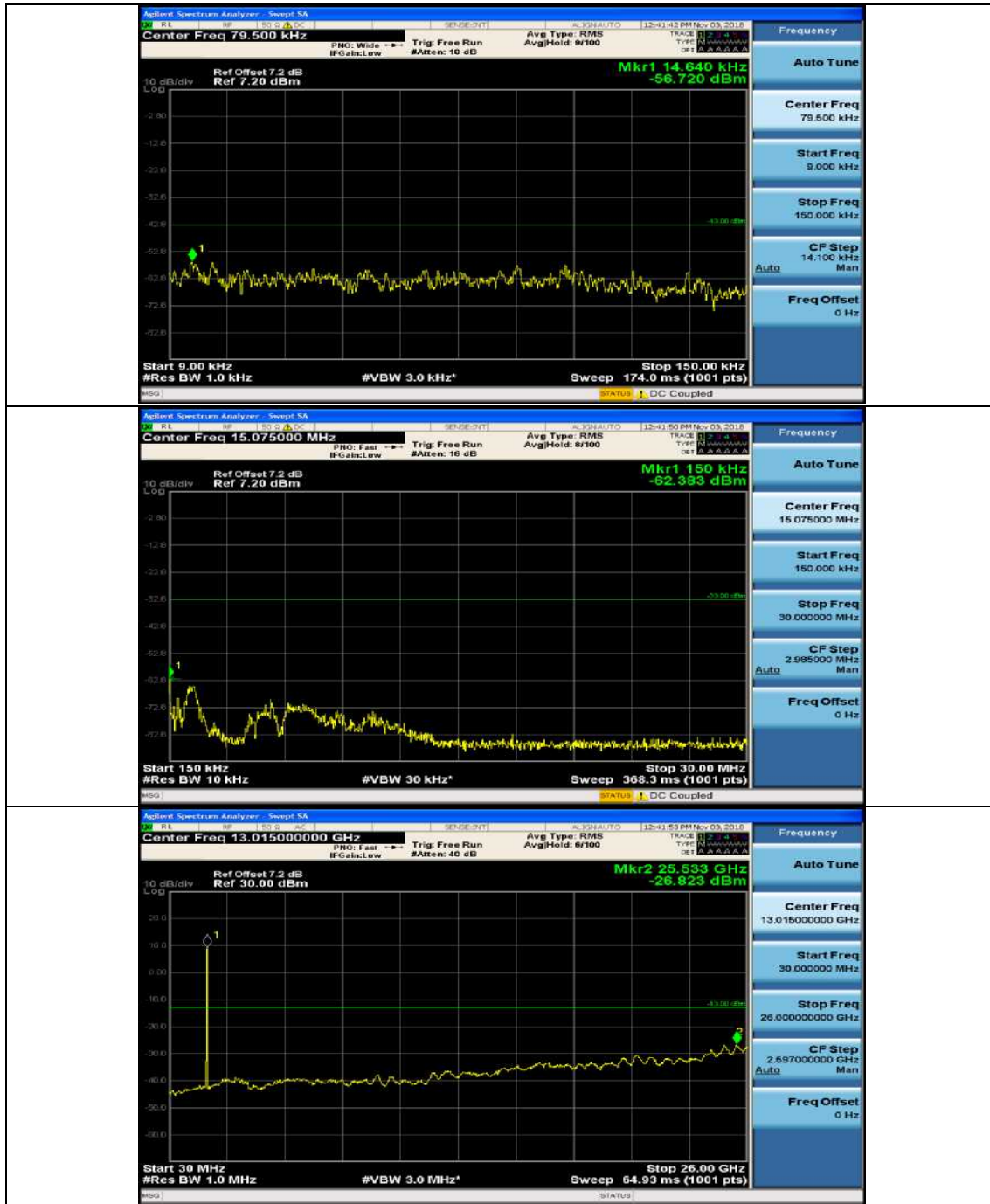


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49

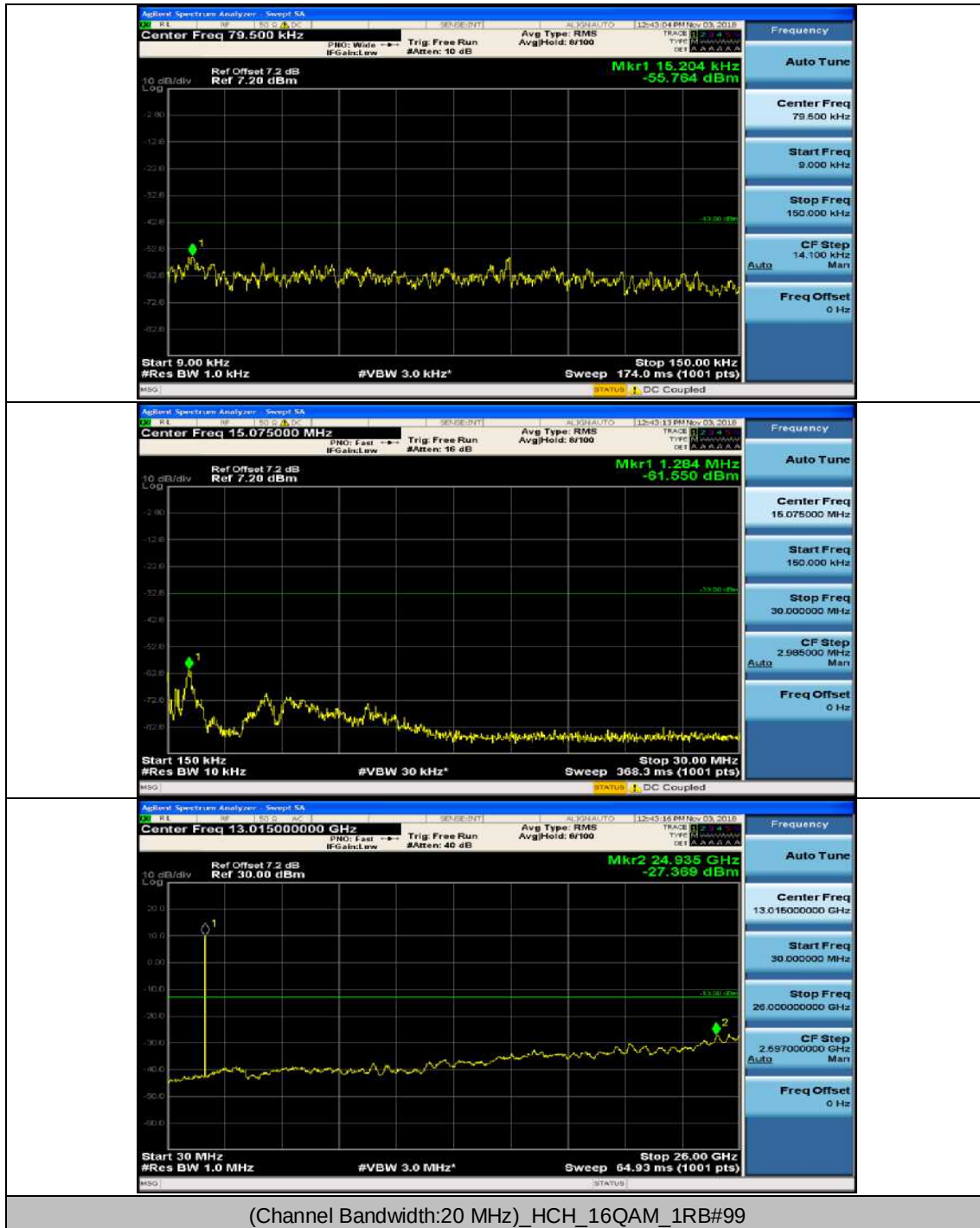




(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49



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	-0.000301	± 2.5	PASS
		5.0	25	-0.000159	± 2.5	PASS
		5.5	25	-0.000569	± 2.5	PASS
	MCH	4.5	25	-0.001622	± 2.5	PASS
		5.0	25	-0.001197	± 2.5	PASS
		5.5	25	0.001577	± 2.5	PASS
	HCH	4.5	25	-0.000306	± 2.5	PASS
		5.0	25	0.000807	± 2.5	PASS
		5.5	25	0.001437	± 2.5	PASS
16QAM	LCH	4.5	25	0.001049	± 2.5	PASS
		5.0	25	0.002902	± 2.5	PASS
		5.5	25	0.000767	± 2.5	PASS
	MCH	4.5	25	0.000620	± 2.5	PASS
		5.0	25	-0.000801	± 2.5	PASS
		5.5	25	0.001036	± 2.5	PASS
	HCH	4.5	25	0.000506	± 2.5	PASS
		5.0	25	0.001133	± 2.5	PASS
		5.5	25	0.000090	± 2.5	PASS
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	5.0	-30	-0.000301	± 2.5	PASS
		5.0	-20	-0.000159	± 2.5	PASS
		5.0	-10	-0.000569	± 2.5	PASS
		5.0	0	-0.001622	± 2.5	PASS
		5.0	10	0.001456	± 2.5	PASS
		5.0	20	0.002383	± 2.5	PASS
		5.0	30	0.001965	± 2.5	PASS
		5.0	40	0.001438	± 2.5	PASS
		5.0	50	0.001923	± 2.5	PASS
	MCH	5.0	-30	0.001577	± 2.5	PASS
		5.0	-20	-0.000306	± 2.5	PASS
		5.0	-10	0.001437	± 2.5	PASS
		5.0	0	0.001049	± 2.5	PASS
		5.0	10	0.001124	± 2.5	PASS
		5.0	20	0.000561	± 2.5	PASS
		5.0	30	-0.001486	± 2.5	PASS
		5.0	40	0.000182	± 2.5	PASS
		5.0	50	-0.000438	± 2.5	PASS
	HCH	5.0	-30	0.000767	± 2.5	PASS

		5.0	-20	0.000620	± 2.5	PASS
		5.0	-10	0.001036	± 2.5	PASS
		5.0	0	0.000506	± 2.5	PASS
		5.0	10	0.001054	± 2.5	PASS
		5.0	20	0.001835	± 2.5	PASS
		5.0	30	-0.000294	± 2.5	PASS
		5.0	40	0.001460	± 2.5	PASS
		5.0	50	0.000122	± 2.5	PASS
16QAM	LCH	5.0	-30	-0.000828	± 2.5	PASS
		5.0	-20	-0.000452	± 2.5	PASS
		5.0	-10	0.000343	± 2.5	PASS
		5.0	0	0.000569	± 2.5	PASS
		5.0	10	-0.000537	± 2.5	PASS
		5.0	20	0.002458	± 2.5	PASS
		5.0	30	0.002358	± 2.5	PASS
		5.0	40	0.002015	± 2.5	PASS
		5.0	50	0.001070	± 2.5	PASS
	MCH	5.0	-30	0.000974	± 2.5	PASS
		5.0	-20	-0.000132	± 2.5	PASS
		5.0	-10	0.000694	± 2.5	PASS
		5.0	0	-0.000215	± 2.5	PASS
		5.0	10	0.000145	± 2.5	PASS
		5.0	20	-0.000842	± 2.5	PASS
		5.0	30	0.000008	± 2.5	PASS
		5.0	40	0.000702	± 2.5	PASS
		5.0	50	0.000594	± 2.5	PASS
	HCH	5.0	-30	0.000987	± 2.5	PASS
		5.0	-20	0.000799	± 2.5	PASS
		5.0	-10	0.001019	± 2.5	PASS
		5.0	0	0.001223	± 2.5	PASS
		5.0	10	0.000756	± 2.5	PASS
		5.0	20	0.000652	± 2.5	PASS
		5.0	30	0.000864	± 2.5	PASS
		5.0	40	0.000130	± 2.5	PASS
		5.0	50	0.000840	± 2.5	PASS