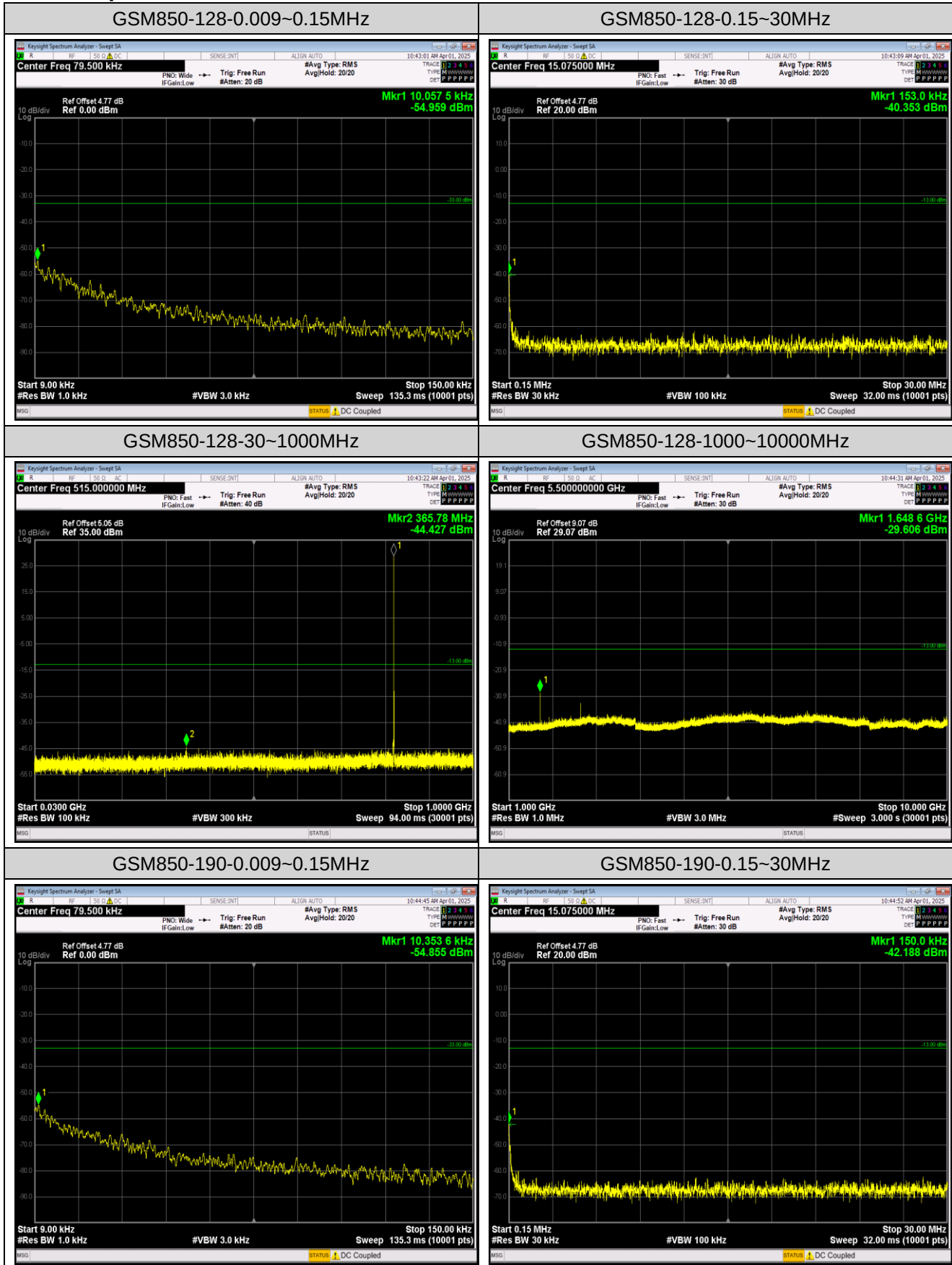


Test Graphs

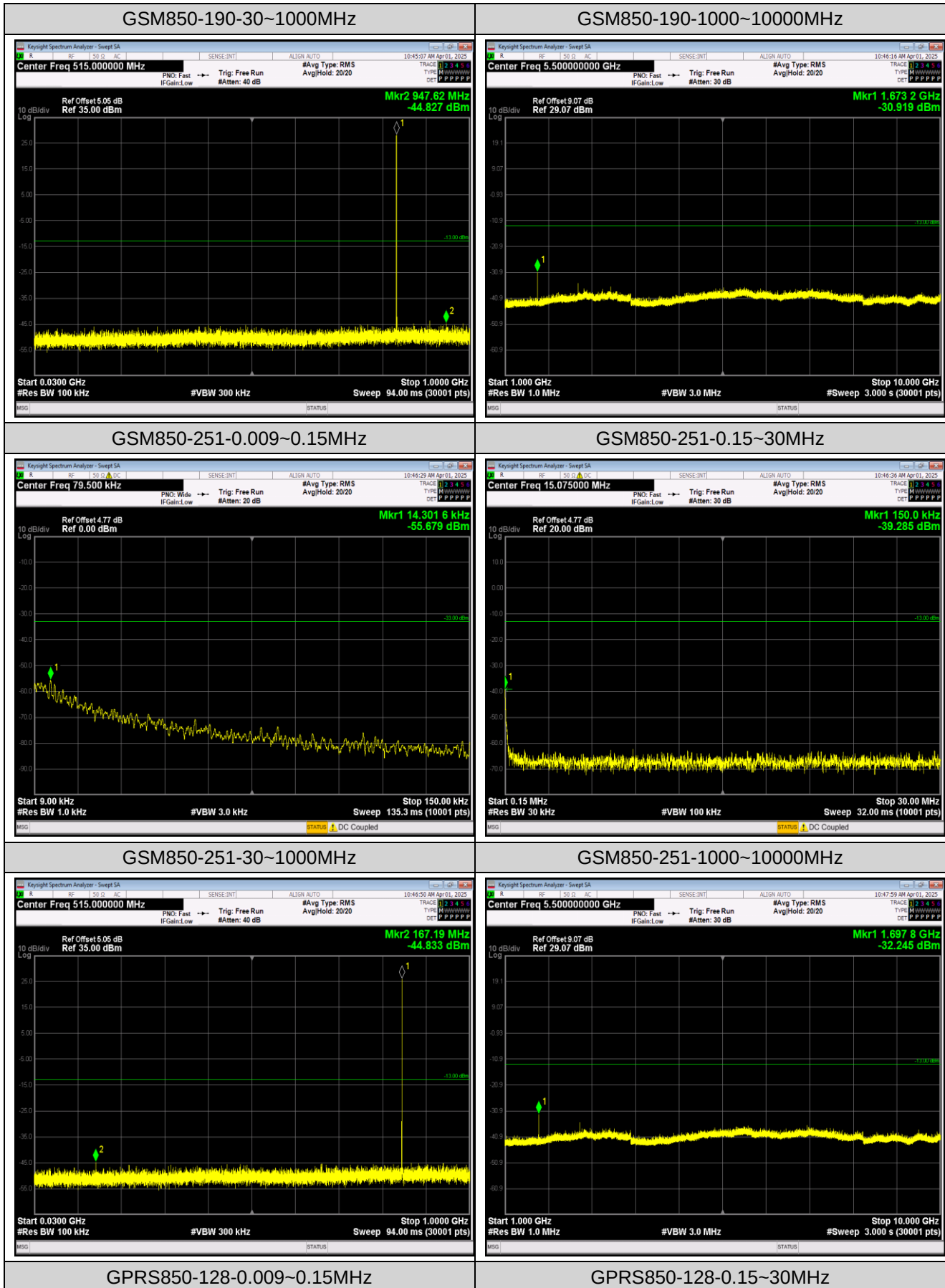


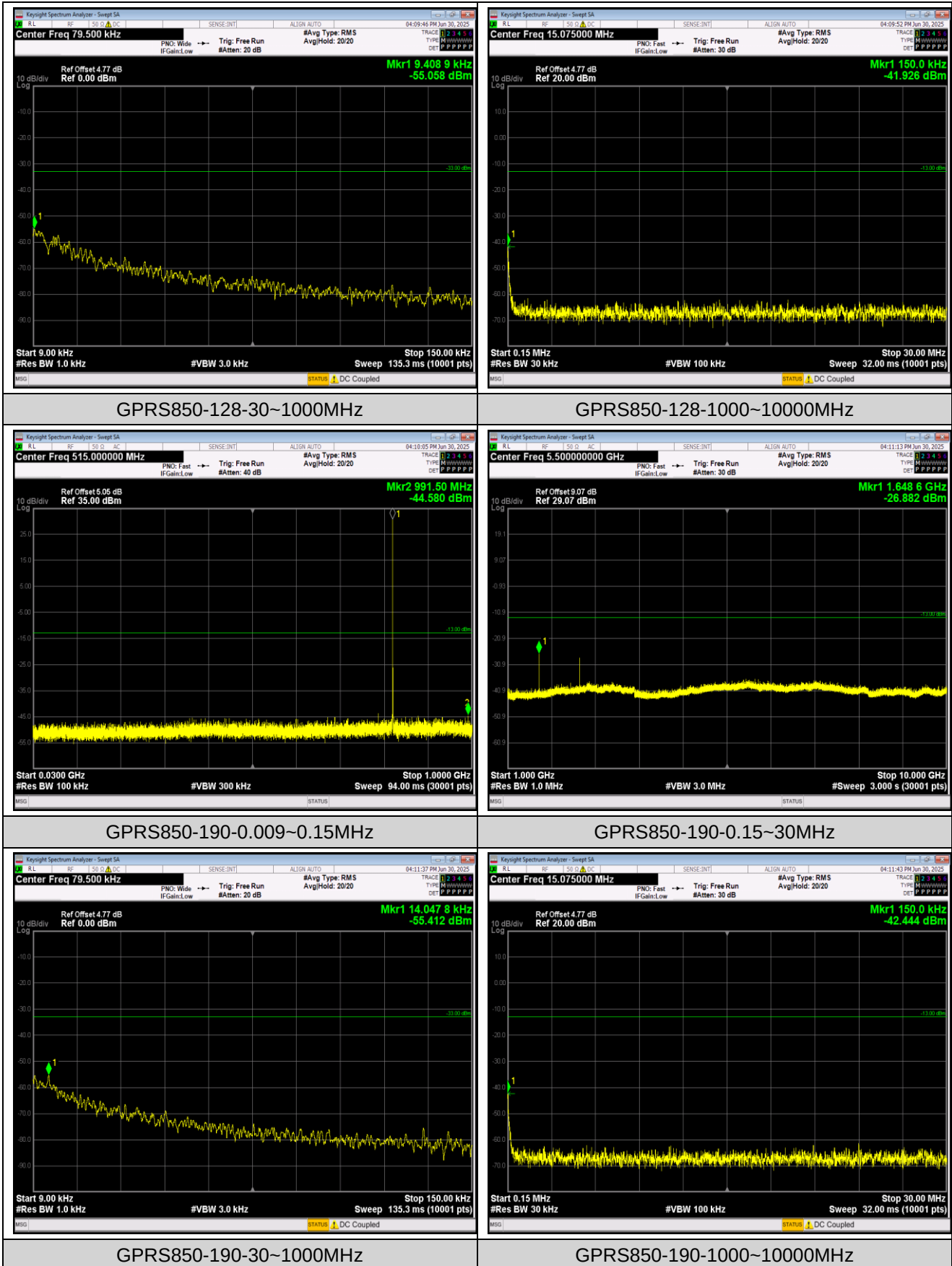
JianYan Testing Group Shenzhen Co., Ltd.

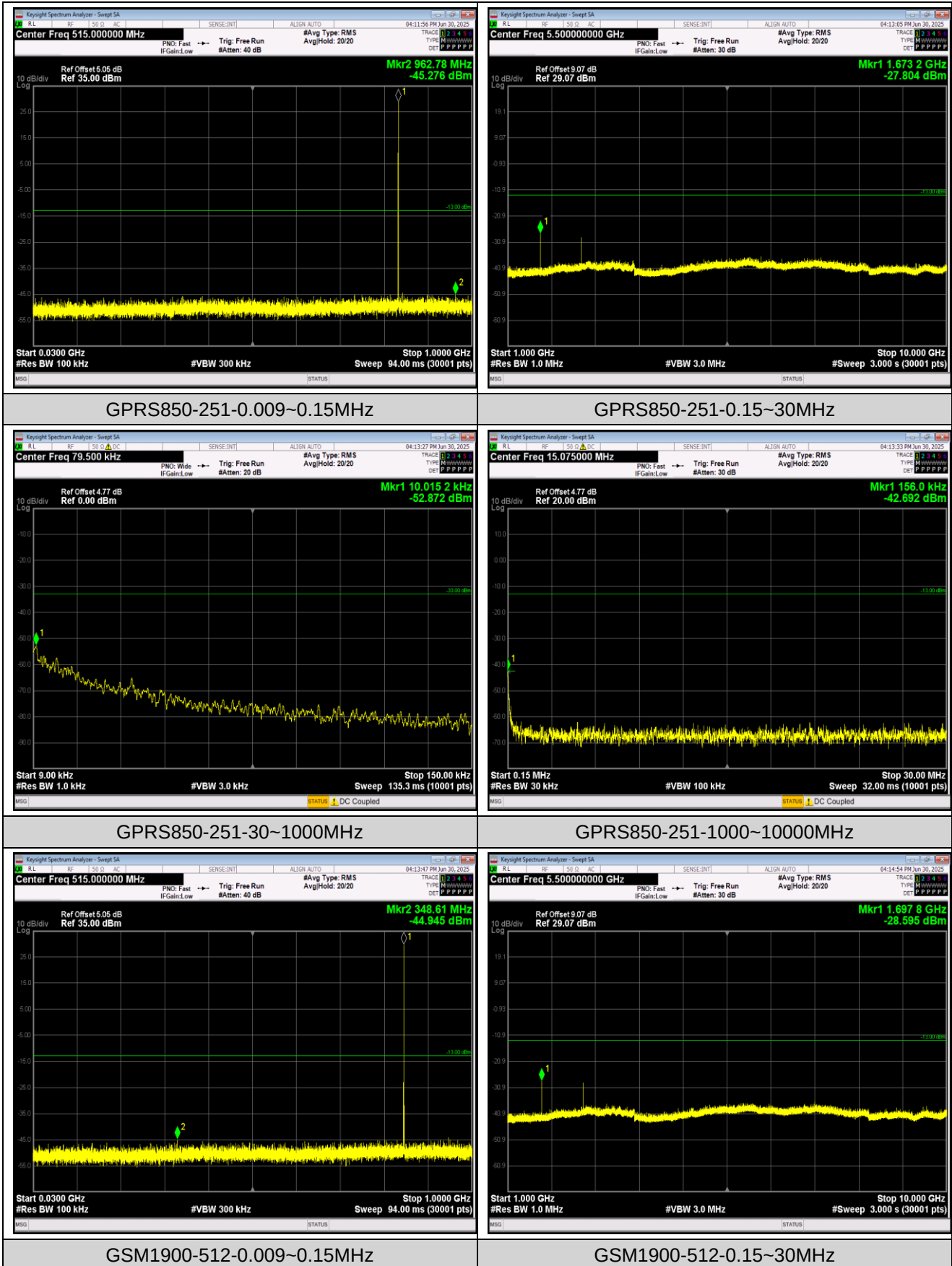
No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China.

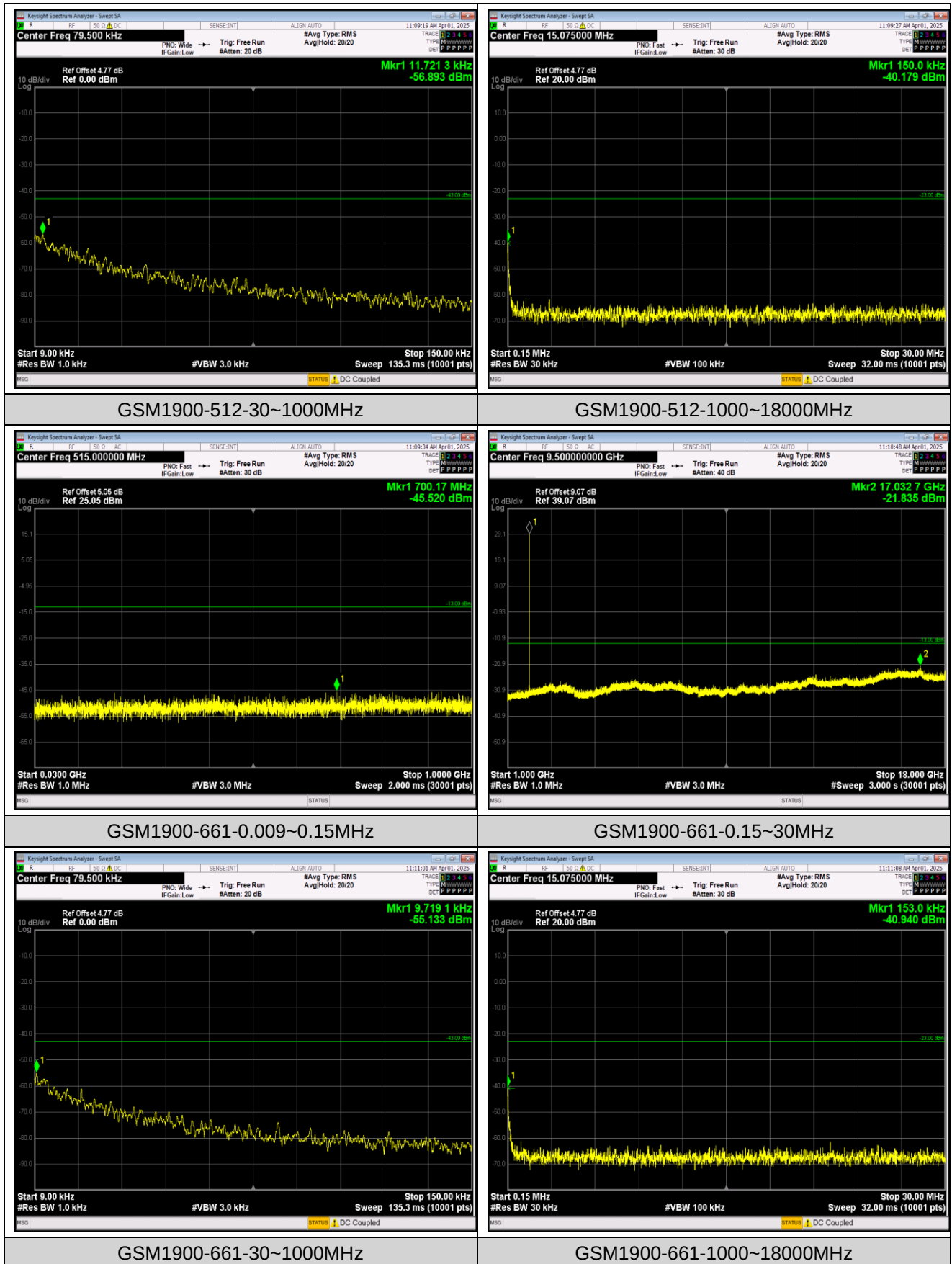
Tel: +86-755-23118282, Fax: +86-755-23116366

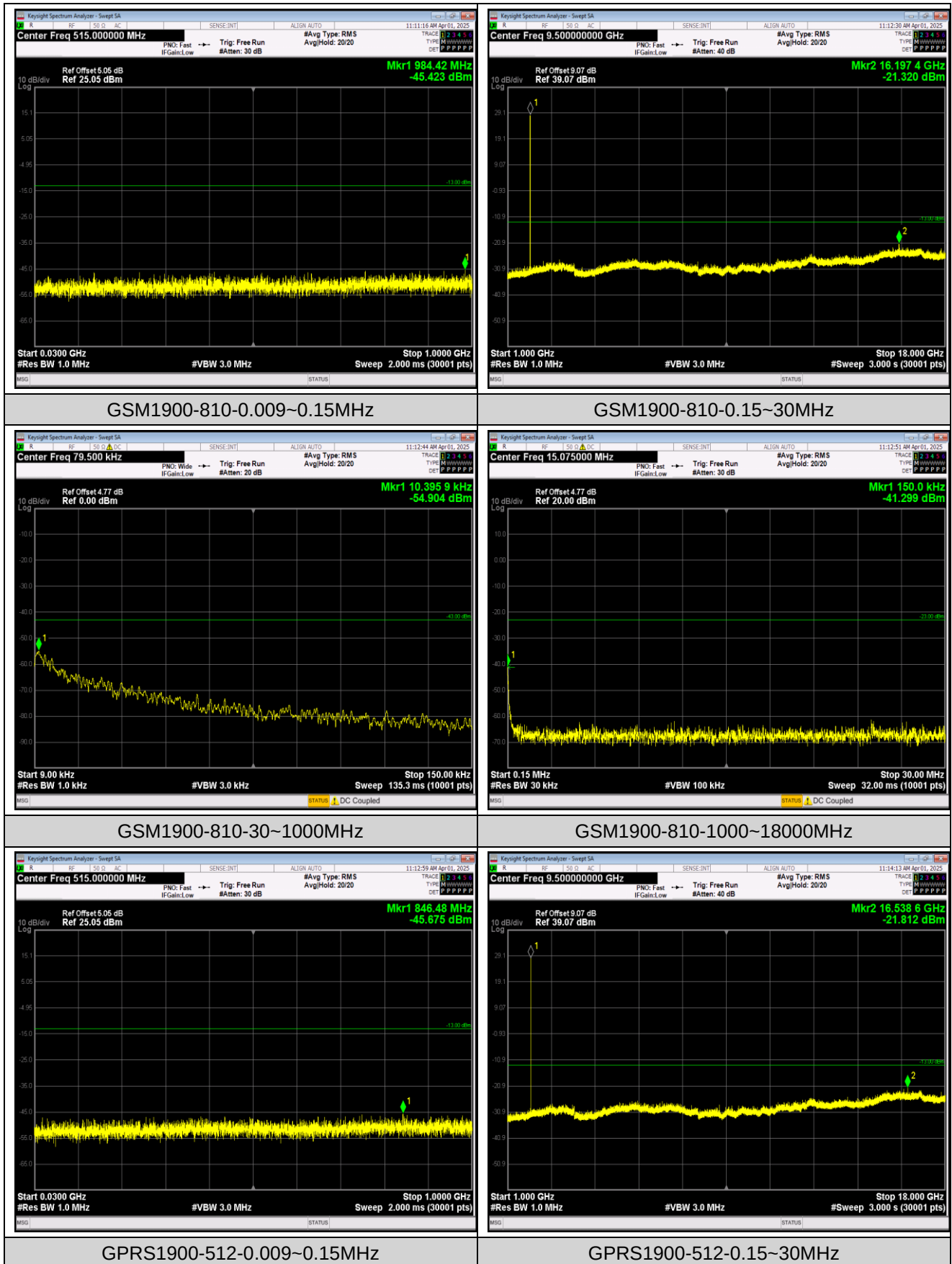
Project No.: JYTSZR2503072

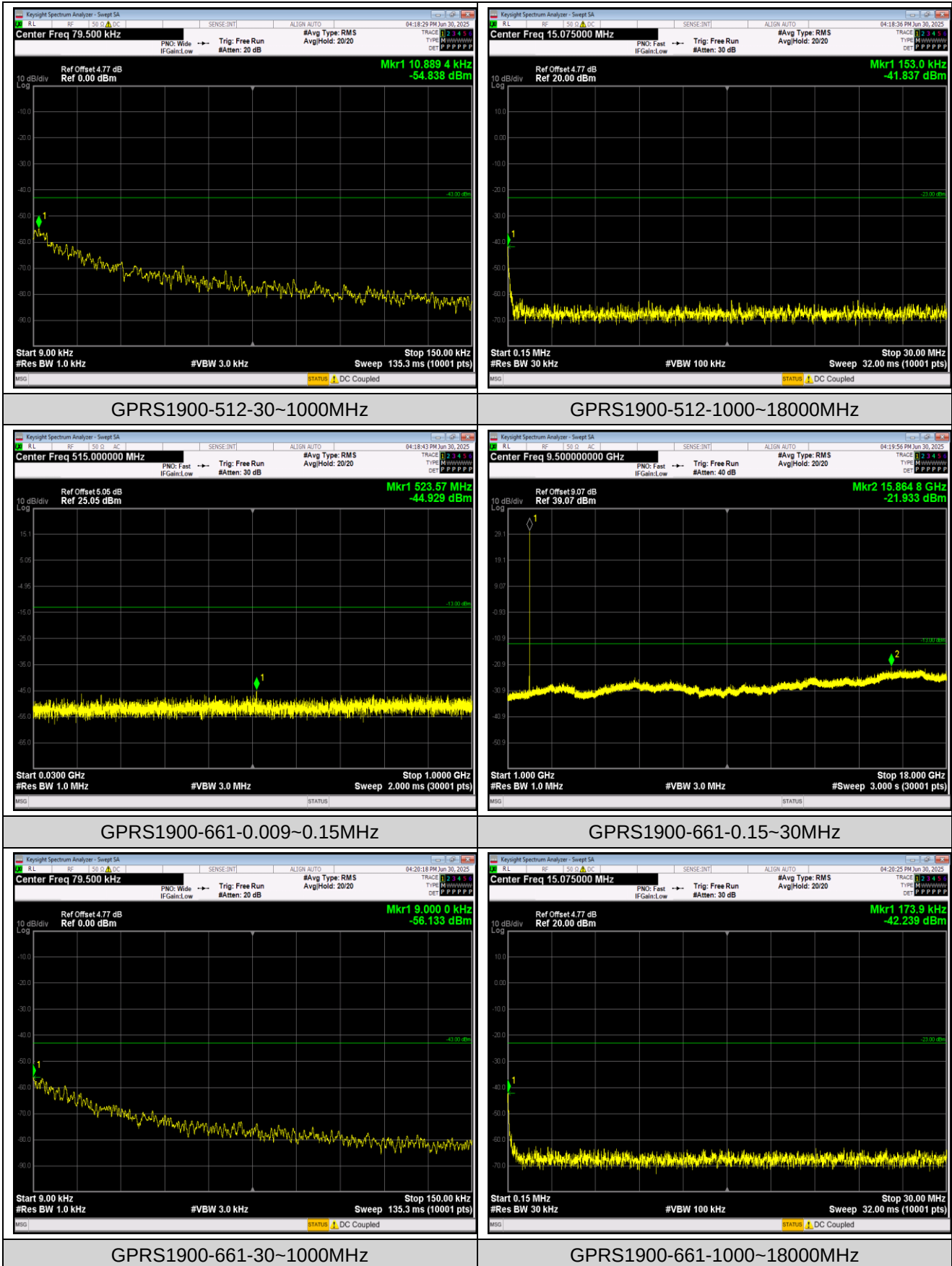


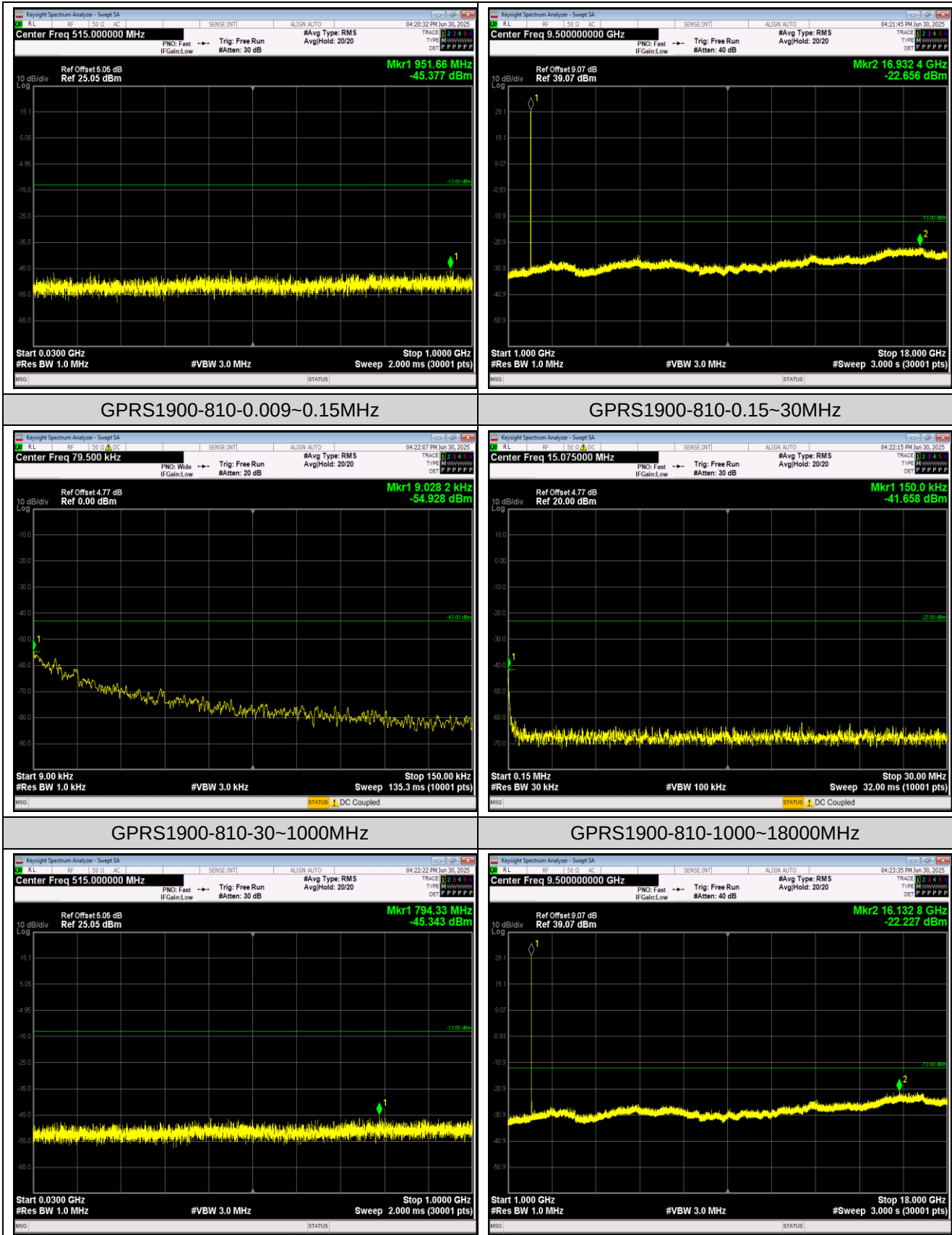












Appendix F: Frequency Stability

Test Result

Reference Frequency: GSM850 Middle channel=190 Frequency=836.6MHz					
Temperature					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.87	-30	-8.46	-0.010112	±2.5	Pass
	-20	-6.17	-0.007375		
	-10	-5.26	-0.006287		
	0	-8.85	-0.010579		
	10	-7.14	-0.008535		
	20	-7.88	-0.009419		
	30	-8.27	-0.009885		
	40	-5.81	-0.006945		
	50	-9.20	-0.010997		
Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.00	-4.75	-0.005678	±2.5	Pass
	3.87	-5.62	-0.006718		
	4.45	-11.95	-0.014284		
Remark: All channel had been tested, but only the worst case data displayed in this report.					

Reference Frequency: EGPRS850 Middle channel=190 Frequency=836.6MHz					
Temperature					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.87	-30	-12.62	-0.015085	±2.5	Pass
	-20	-13.59	-0.016244		
	-10	-12.91	-0.015432		
	0	-18.37	-0.021958		
	10	-16.34	-0.019531		
	20	-11.78	-0.014081		
	30	-10.78	-0.012885		
	40	-16.08	-0.019221		
	50	-15.92	-0.019029		
Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.00	-16.14	-0.019292	±2.5	Pass
	3.87	-17.69	-0.021145		
	4.45	-13.56	-0.016208		
Remark: All channel had been tested, but only the worst case data displayed in this report.					

Reference Frequency: PCS1900 Middle channel=661 Frequency=1880MHz					
Temperature					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.87	-30	-16.47	-0.008761	Within authorized band for PCS 1900	Pass
	-20	-21.05	-0.011197		
	-10	-13.40	-0.007128		
	0	-19.57	-0.010410		
	10	-17.21	-0.009154		
	20	-17.31	-0.009207		
	30	-17.53	-0.009324		
	40	-11.98	-0.006372		
	50	-17.18	-0.009138		
Voltage					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.00	-23.31	-0.012399	Within authorized band for PCS 1900	Pass
	3.87	-17.63	-0.009378		
	4.45	-21.76	-0.011574		
Remark: All channel had been tested, but only the worst case data displayed in this report.					

Reference Frequency: EGPRS1900 Middle channel=661 Frequency=1880MHz					
Temperature					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.87	-30	-15.98	-0.008500	Within authorized band for PCS 1900	Pass
	-20	-15.72	-0.008362		
	-10	-18.60	-0.009894		
	0	-16.82	-0.008947		
	10	-19.57	-0.010410		
	20	-15.72	-0.008362		
	30	-13.59	-0.007229		
	40	-17.14	-0.009117		
	50	-15.27	-0.008122		
Voltage					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.00	-19.63	-0.010441	Within authorized band for PCS 1900	Pass
	3.87	-15.95	-0.008484		
	4.45	-18.11	-0.009633		
Remark: All channel had been tested, but only the worst case data displayed in this report.					

Appendix G: Modulation Characteristics

Test Result

Band	Channel	Result	Verdict
GSM850	190	PASS	PASS
EGPRS850	190	PASS	PASS
GSM1900	661	PASS	PASS
EGPRS1900	661	PASS	PASS

Remark: All channel had been tested, but only the worst case data displayed in this report.

Test Graphs

