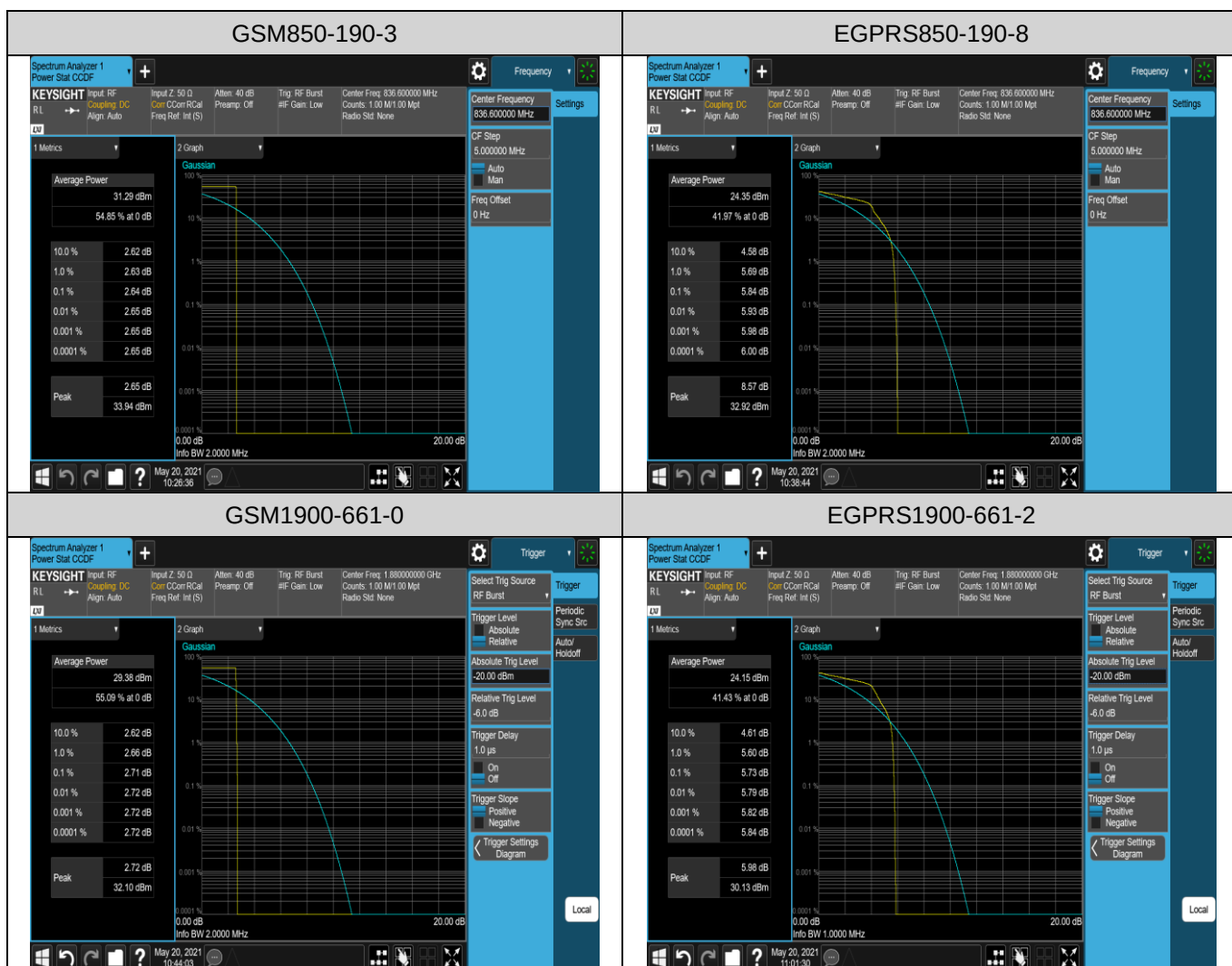


Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Channel	PCL	Result(dB)	Limit(dB)	Verdict
GSM850	190	3	2.64	13	PASS
EGPRS850	190	8	5.84	13	PASS
GSM1900	661	0	2.71	13	PASS
EGPRS1900	661	2	5.73	13	PASS

Test Graphs

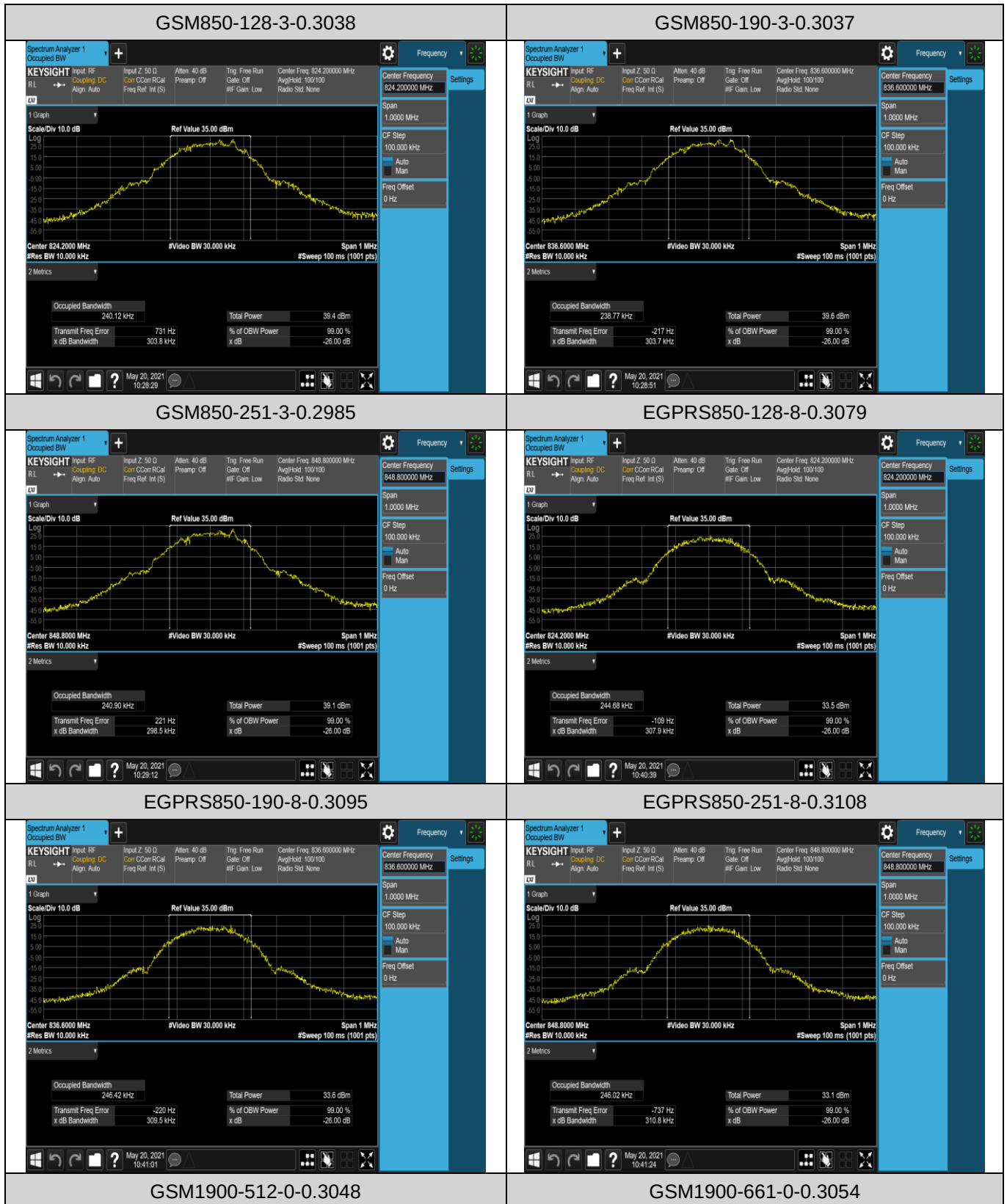


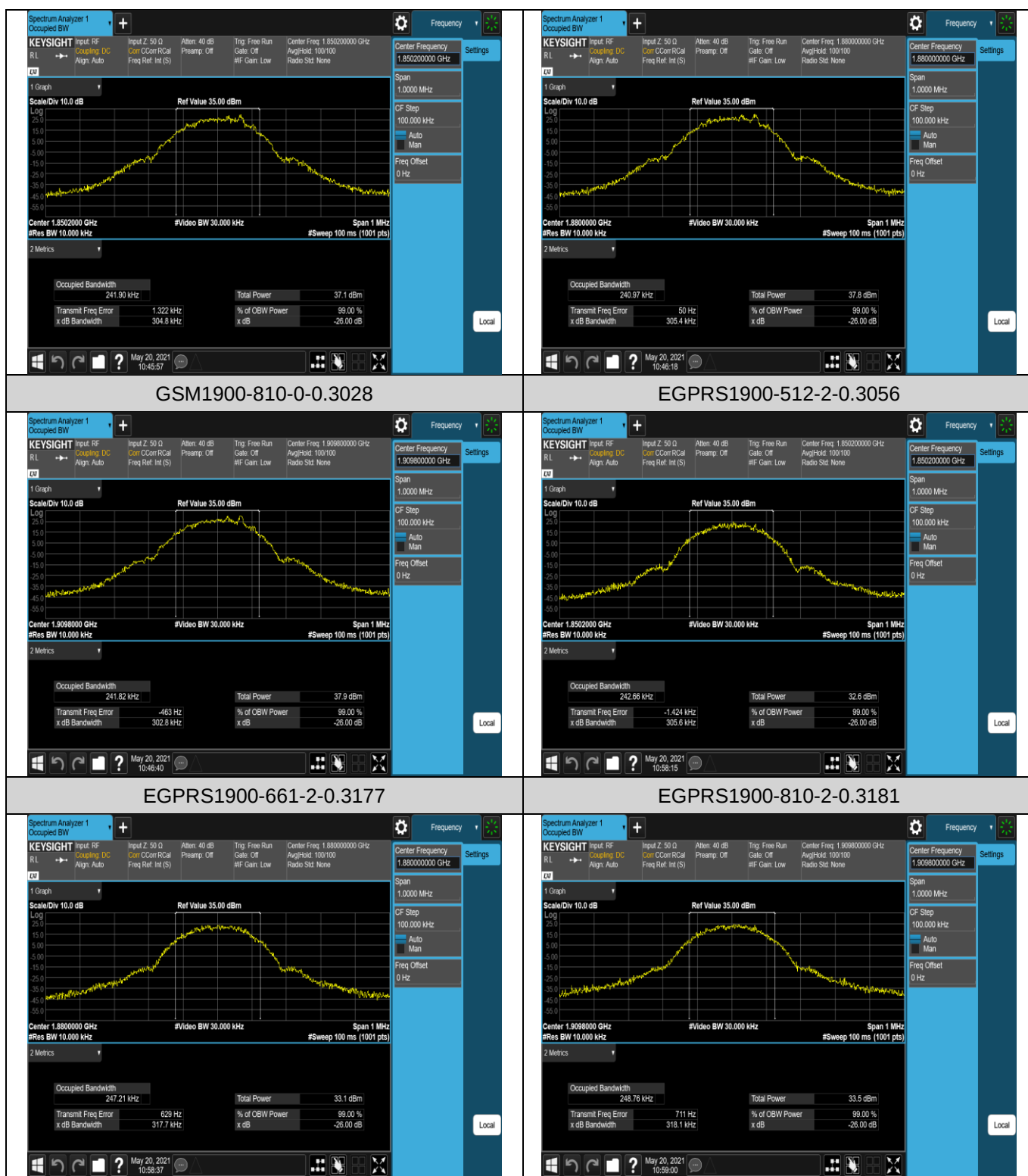
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Channel	PCL	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
GSM850	128	3	0.24012	0.3038	---	PASS
GSM850	190	3	0.23877	0.3037	---	PASS
GSM850	251	3	0.24090	0.2985	---	PASS
EGPRS850	128	8	0.24468	0.3079	---	PASS
EGPRS850	190	8	0.24642	0.3095	---	PASS
EGPRS850	251	8	0.24602	0.3108	---	PASS
GSM1900	512	0	0.24190	0.3048	---	PASS
GSM1900	661	0	0.24097	0.3054	---	PASS
GSM1900	810	0	0.24182	0.3028	---	PASS
EGPRS1900	512	2	0.24266	0.3056	---	PASS
EGPRS1900	661	2	0.24721	0.3177	---	PASS
EGPRS1900	810	2	0.24876	0.3181	---	PASS

Test Graphs



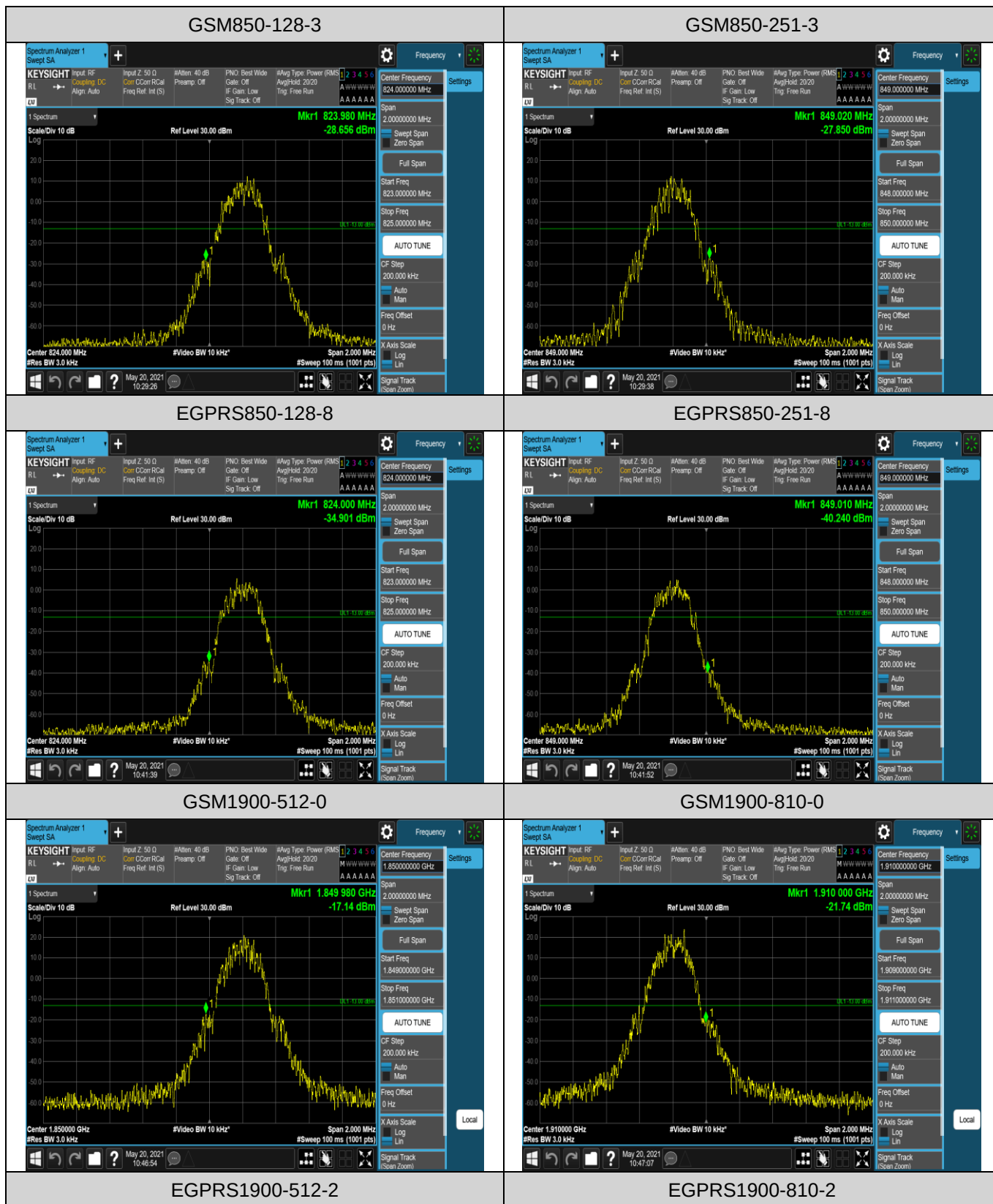


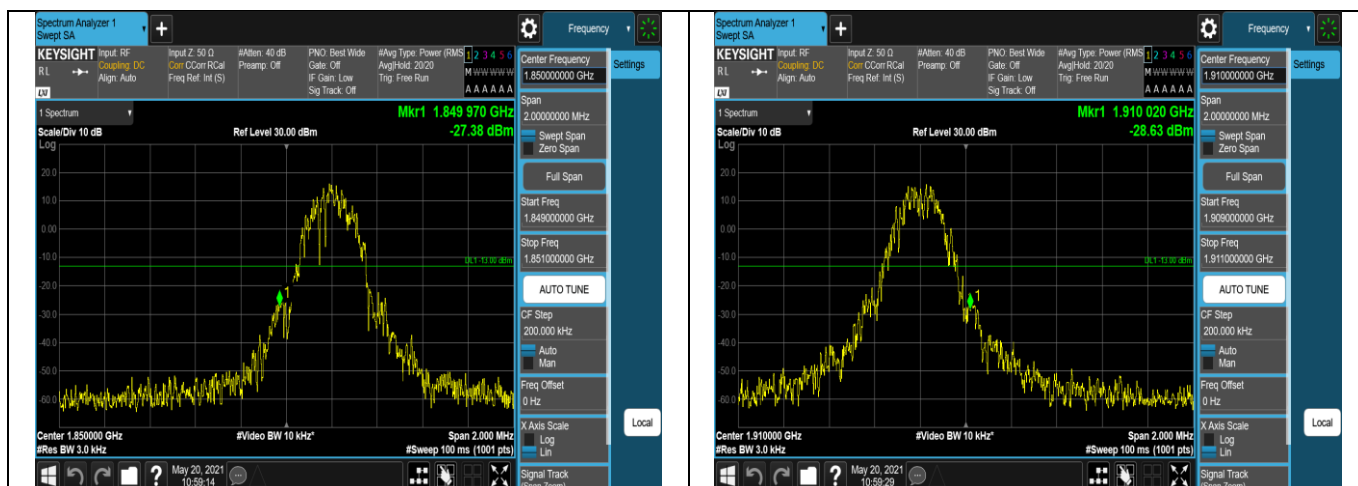
Appendix D: Band Edge

Test Result

Band	Channel	PCL	Freq (MHz)	Result (dBm)	Limit(dBm)	Verdict
GSM850	128	3	823.98	-25.15	-13	PASS
GSM850	251	3	849.02	-26.23	-13	PASS
EGPRS850	128	8	824.00	-33.54	-13	PASS
EGPRS850	251	8	849.01	-37.83	-13	PASS
GSM1900	512	0	1849.98	-17.14	-13	PASS
GSM1900	810	0	1910.00	-16.88	-13	PASS
EGPRS1900	512	2	1849.97	-22.19	-13	PASS
EGPRS1900	810	2	1910.02	-22.64	-13	PASS

Test Graphs



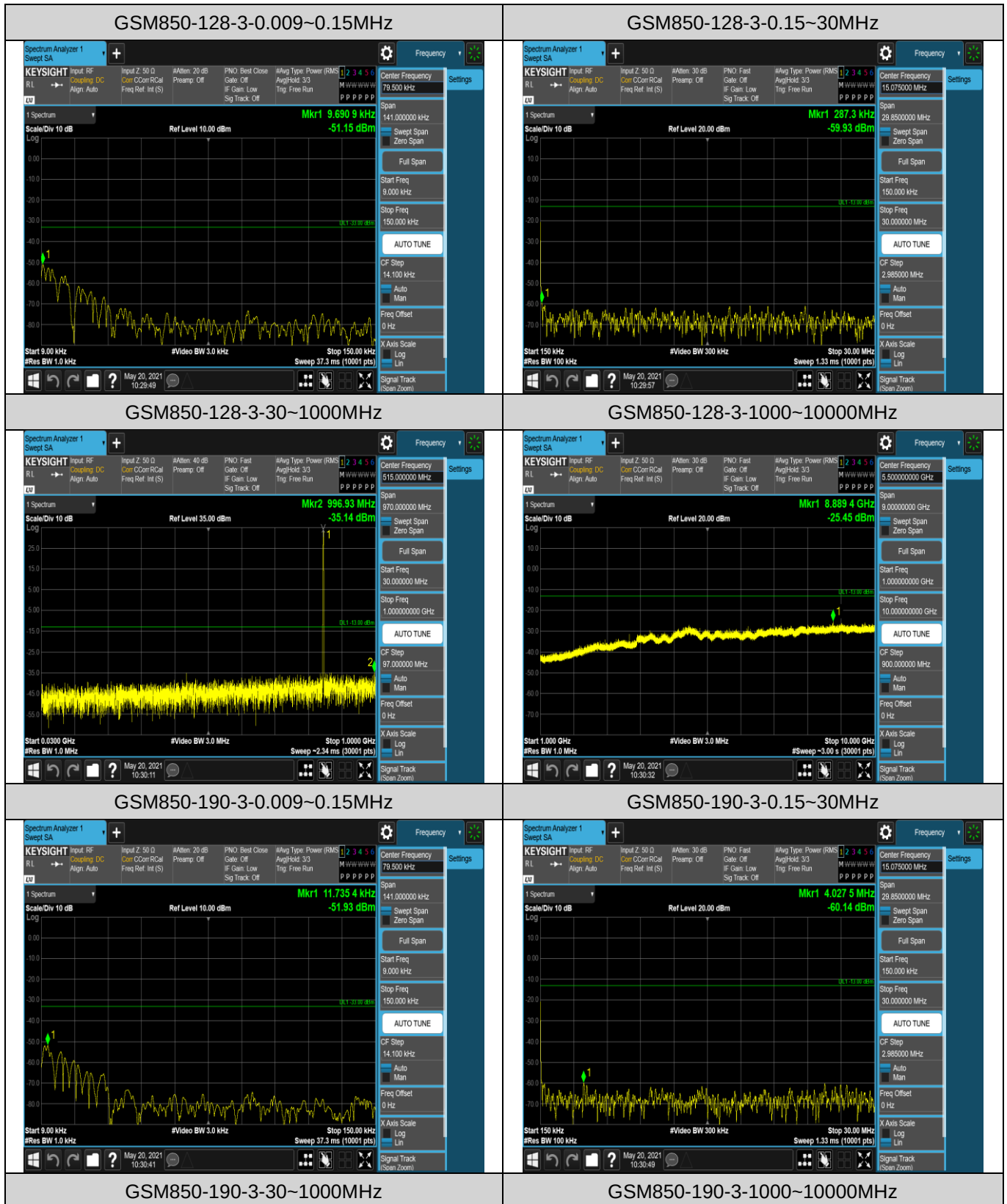


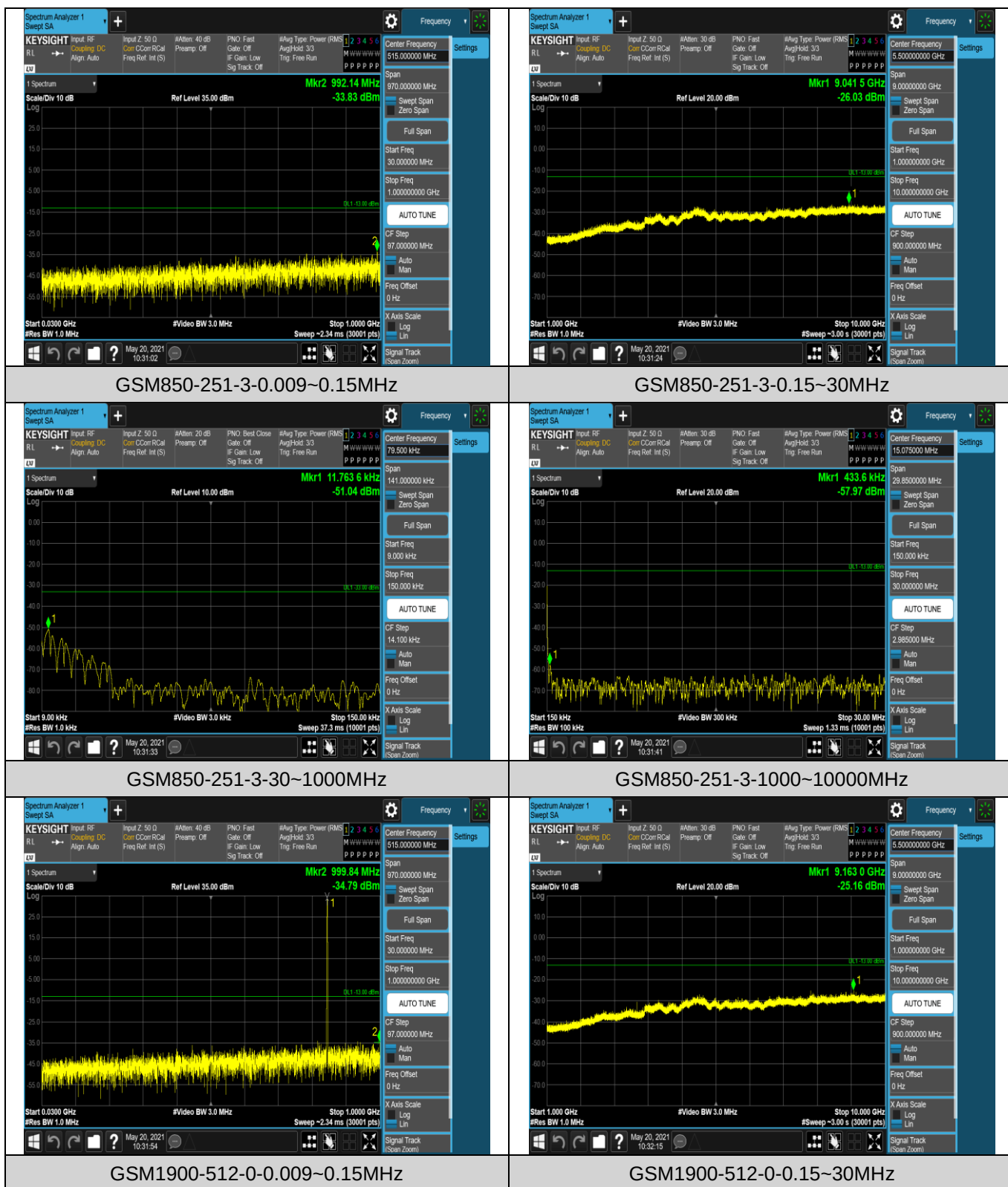
Appendix E: Conducted Spurious Emission

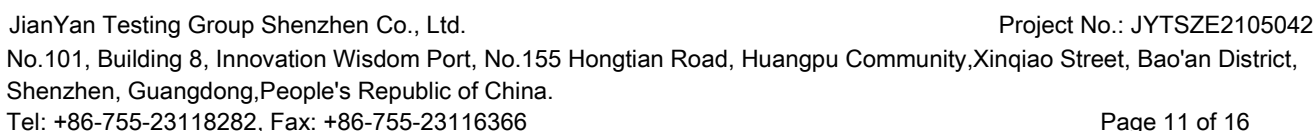
Test Result

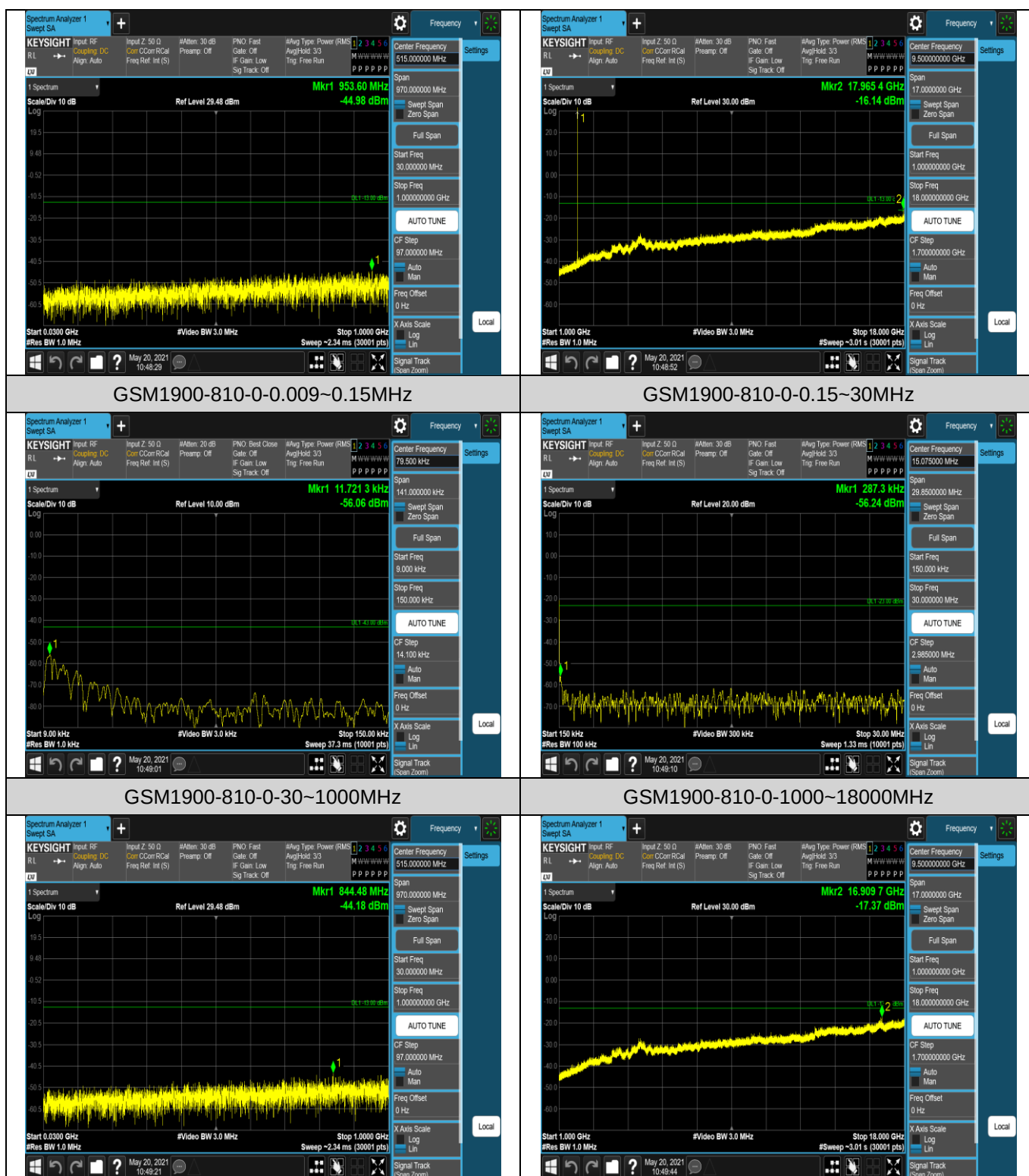
Band	Channel	PCL	Frequency Range(MHz)	Max.Freq. (MHz)	Result (dBm)	Limit (dBm)	Verdict
GSM850	128	3	0.009~0.15MHz	0.01	-51.15	-33	PASS
GSM850	128	3	0.15~30MHz	0.29	-59.93	-13	PASS
GSM850	128	3	30~1000MHz	996.93	-35.14	-13	PASS
GSM850	128	3	1000~10000MHz	8889.4	-25.45	-13	PASS
GSM850	190	3	0.009~0.15MHz	0.01	-51.93	-33	PASS
GSM850	190	3	0.15~30MHz	4.03	-60.14	-13	PASS
GSM850	190	3	30~1000MHz	992.14	-33.83	-13	PASS
GSM850	190	3	1000~10000MHz	9041.5	-26.03	-13	PASS
GSM850	251	3	0.009~0.15MHz	0.01	-51.04	-33	PASS
GSM850	251	3	0.15~30MHz	0.43	-57.97	-13	PASS
GSM850	251	3	30~1000MHz	999.84	-34.79	-13	PASS
GSM850	251	3	1000~10000MHz	9163	-25.16	-13	PASS
GSM1900	512	0	0.009~0.15MHz	0.01	-57.12	-43	PASS
GSM1900	512	0	0.15~30MHz	0.29	-57.87	-23	PASS
GSM1900	512	0	30~1000MHz	974.42	-43.84	-13	PASS
GSM1900	512	0	1000~18000MHz	17983	-17.43	-13	PASS
GSM1900	661	0	0.009~0.15MHz	0.01	-55.38	-43	PASS
GSM1900	661	0	0.15~30MHz	0.29	-58.2	-23	PASS
GSM1900	661	0	30~1000MHz	953.6	-44.98	-13	PASS
GSM1900	661	0	1000~18000MHz	17965.43	-16.15	-13	PASS
GSM1900	810	0	0.009~0.15MHz	0.01	-56.06	-43	PASS
GSM1900	810	0	0.15~30MHz	0.29	-56.24	-23	PASS
GSM1900	810	0	30~1000MHz	844.48	-44.18	-13	PASS
GSM1900	810	0	1000~18000MHz	16909.73	-17.37	-13	PASS

Test Graphs









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		
3.80	-30	8.14	0.009730	±2.5	Pass
	-20	0.55	0.000657		
	-10	4.75	0.005678		
	0	6.88	0.008224		
	10	3.52	0.004208		
	20	6.84	0.008176		
	30	4.88	0.005833		
	40	4.33	0.005176		
	50	7.49	0.008953		
Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	8.85	0.010579	±2.5	Pass
	3.80	8.85	0.010579		
	4.25	10.53	0.012587		
Note: Only the worst case shown in the report.					

Reference Frequency: EGPRS850 Middle channel=190 Frequency=836.6MHz					
Temperature					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	11.98	0.014320	±2.5	Pass
	-20	10.46	0.012503		
	-10	8.85	0.010579		
	0	7.75	0.009264		
	10	15.98	0.019101		
	20	16.24	0.019412		
	30	7.30	0.008726		
	40	10.56	0.012623		
	50	9.52	0.011379		
Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	15.30	0.018288	±2.5	Pass
	3.80	11.20	0.013388		
	4.25	17.01	0.020332		
Note: Only the worst case shown in the report.					

Reference Frequency: PCS1900 Middle channel=661 Frequency=1880MHz					
Temperature					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	-1.90	-0.001011	Within authorized band for PCS 1900	Pass
	-20	-0.77	-0.000410		
	-10	-3.13	-0.001665		
	0	-1.81	-0.000963		
	10	2.45	0.001303		
	20	7.01	0.003729		
	30	2.78	0.001479		
	40	10.82	0.005755		
	50	-2.16	-0.001149		
Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	-1.55	-0.000824	Within authorized band for PCS 1900	Pass
	3.80	5.23	0.002782		
	4.25	2.87	0.001527		
Note: Only the worst case shown in the report.					

Reference Frequency: EGPRS1900 Middle channel=661 Frequency=1880MHz					
Temperature					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	11.66	0.006202	Within authorized band for PCS 1900	Pass
	-20	13.37	0.007112		
	-10	6.55	0.003484		
	0	10.82	0.005755		
	10	3.68	0.001957		
	20	2.65	0.001410		
	30	1.45	0.000771		
	40	19.11	0.010165		
	50	-0.29	-0.000154		
Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	20.92	0.011128	Within authorized band for PCS 1900	Pass
	3.80	13.62	0.007245		
	4.25	14.82	0.007883		
Note: Only the worst case shown in the report.					