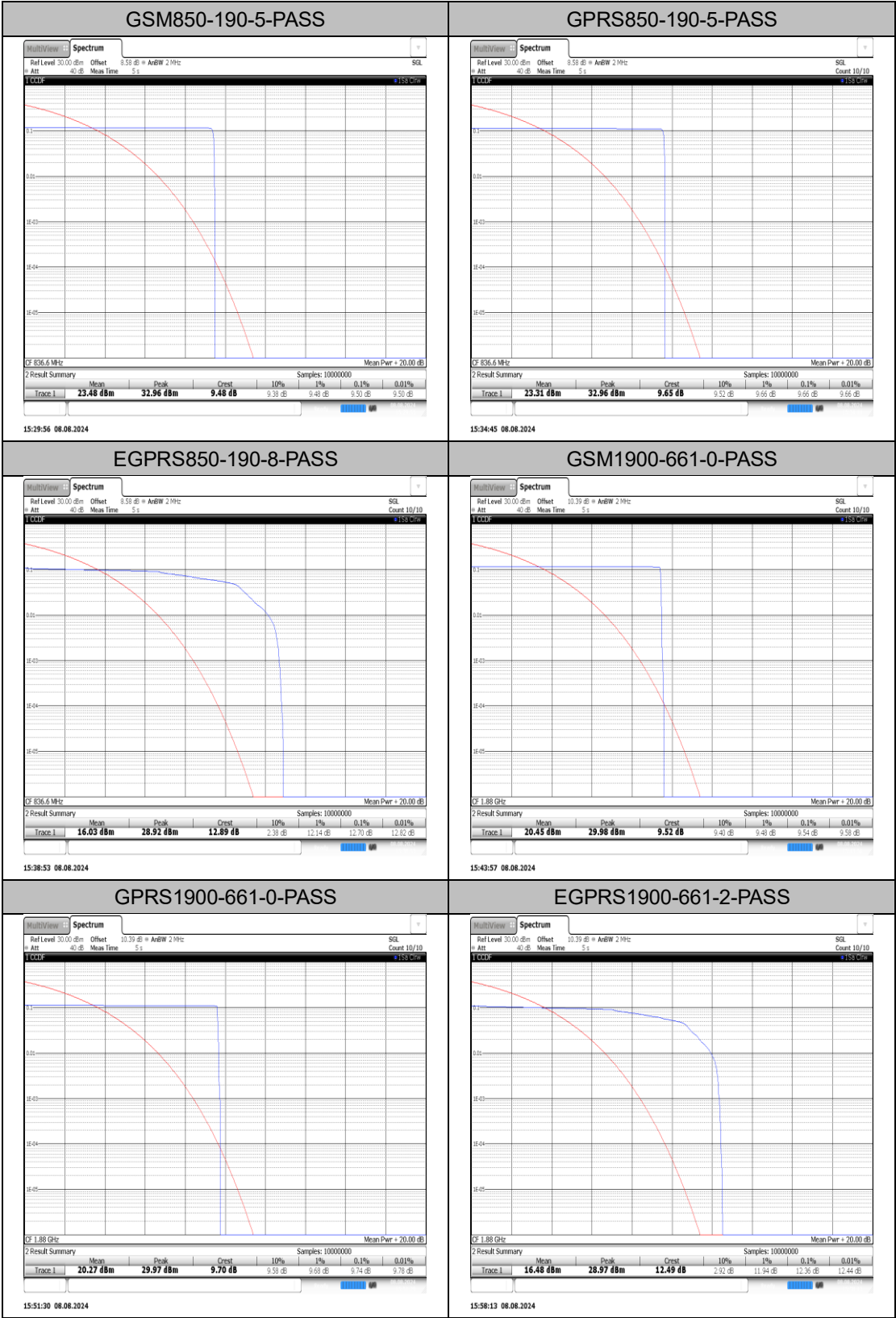


Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Channel	Result(dB)	Limit(dB)	Verdict
GSM850	190	9.50	13	PASS
GPRS850	190	9.66	13	PASS
EGPRS850	190	12.70	13	PASS
GSM1900	661	9.54	13	PASS
GPRS1900	661	9.74	13	PASS
EGPRS1900	661	12.36	13	PASS

Test Graphs

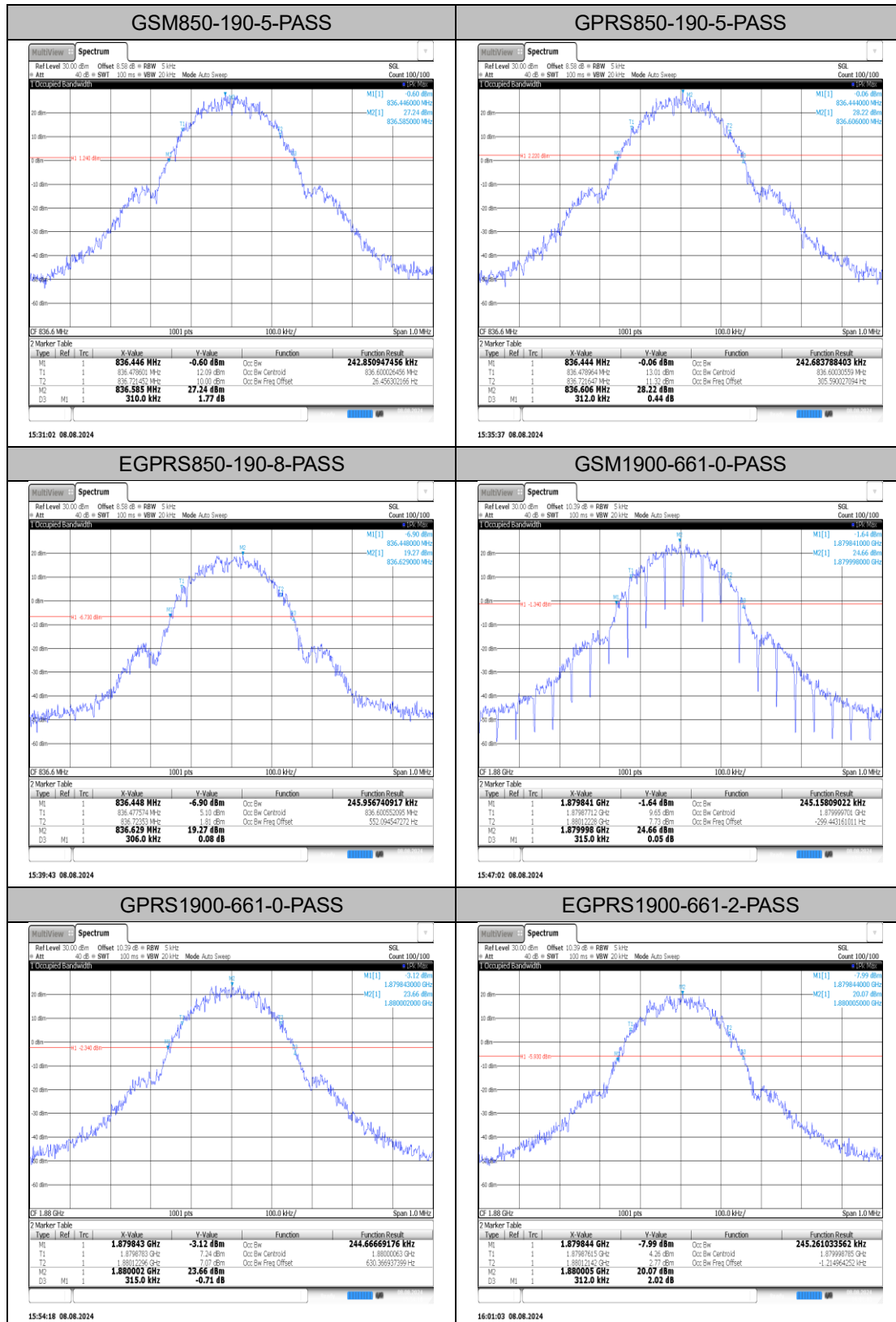


Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
GSM850	190	0.243	0.31	---	PASS
GPRS850	190	0.243	0.31	---	PASS
EGPRS850	190	0.246	0.31	---	PASS
GSM1900	661	0.245	0.32	---	PASS
GPRS1900	661	0.245	0.31	---	PASS
EGPRS1900	661	0.245	0.31	---	PASS

Test Graphs

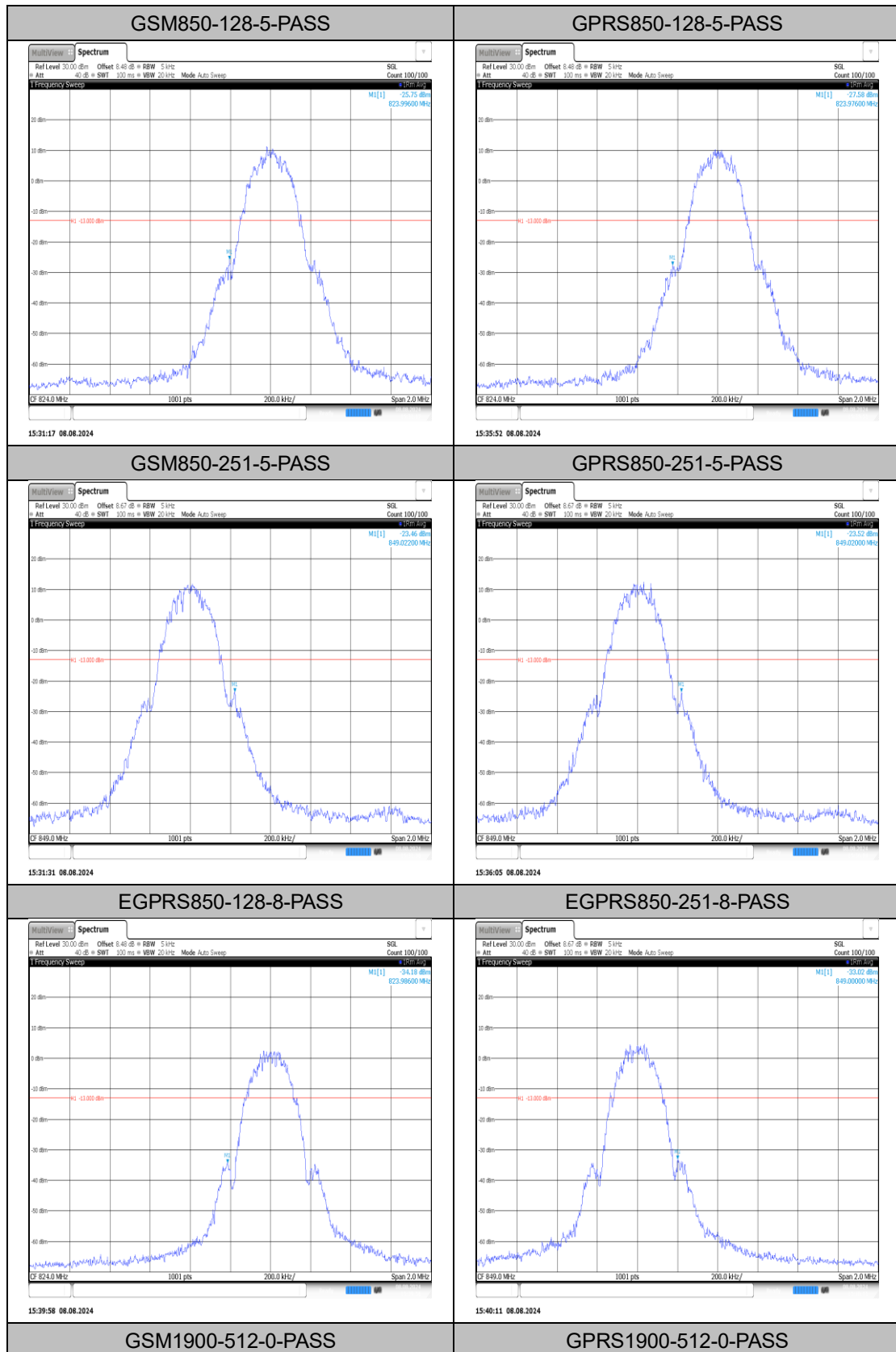


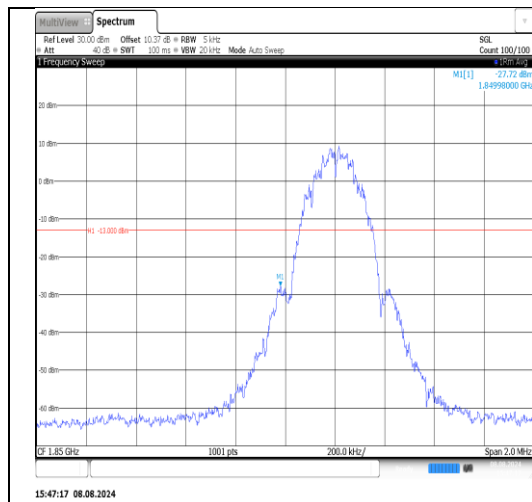
Appendix D: Band Edge

Test Result

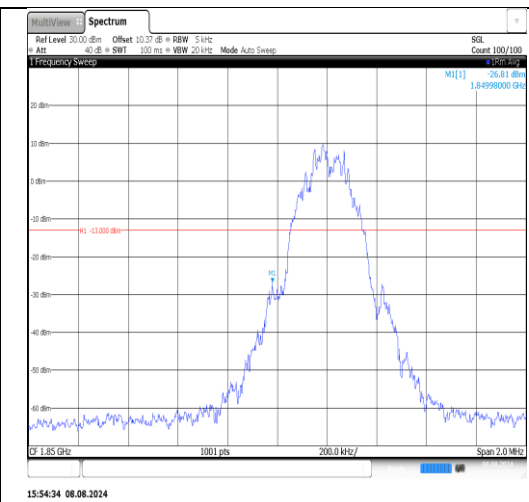
Band	Channel	Freq (MHz)	Result (dBm)	Limit(dBm)	Verdict
GSM850	128	824.00	-25.75	-13	PASS
GPRS850	128	823.98	-27.58	-13	PASS
GSM850	251	849.02	-23.46	-13	PASS
GPRS850	251	849.02	-23.52	-13	PASS
EGPRS850	128	823.99	-34.18	-13	PASS
EGPRS850	251	849.00	-33.02	-13	PASS
GSM1900	512	1849.98	-27.72	-13	PASS
GPRS1900	512	1849.98	-26.81	-13	PASS
GSM1900	810	1910.02	-27.90	-13	PASS
GPRS1900	810	1910.02	-28.54	-13	PASS
EGPRS1900	512	1849.98	-33.12	-13	PASS
EGPRS1900	810	1910.00	-34.06	-13	PASS

Test Graphs

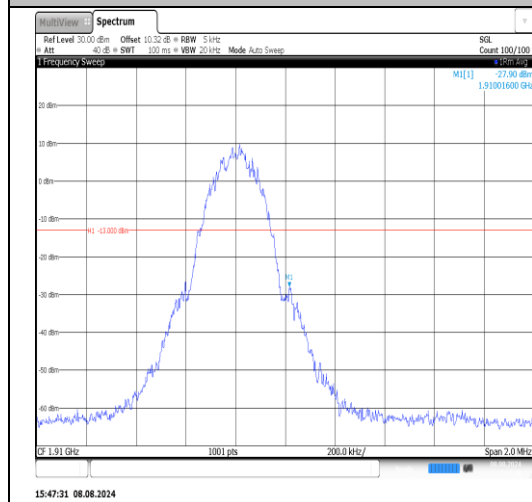




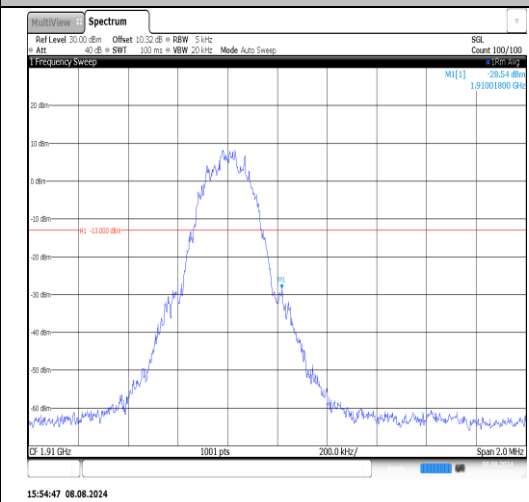
GSM1900-810-0-PASS



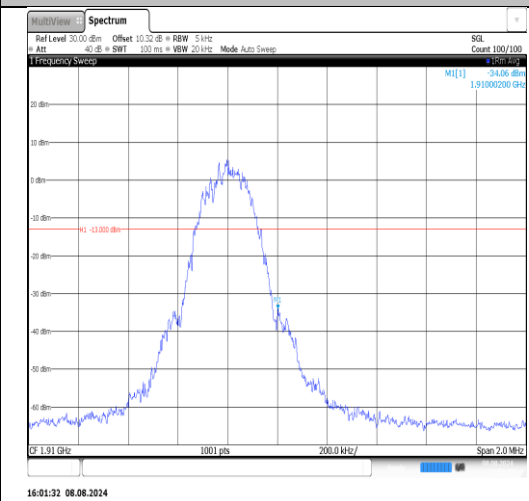
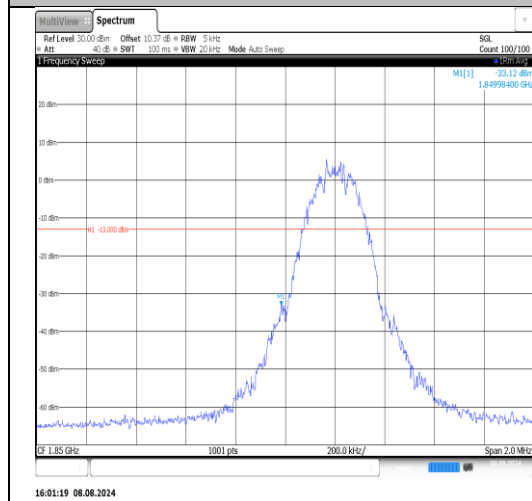
GPRS1900-810-0-PASS



EGPRS1900-512-2-PASS



EGPRS1900-810-2-PASS



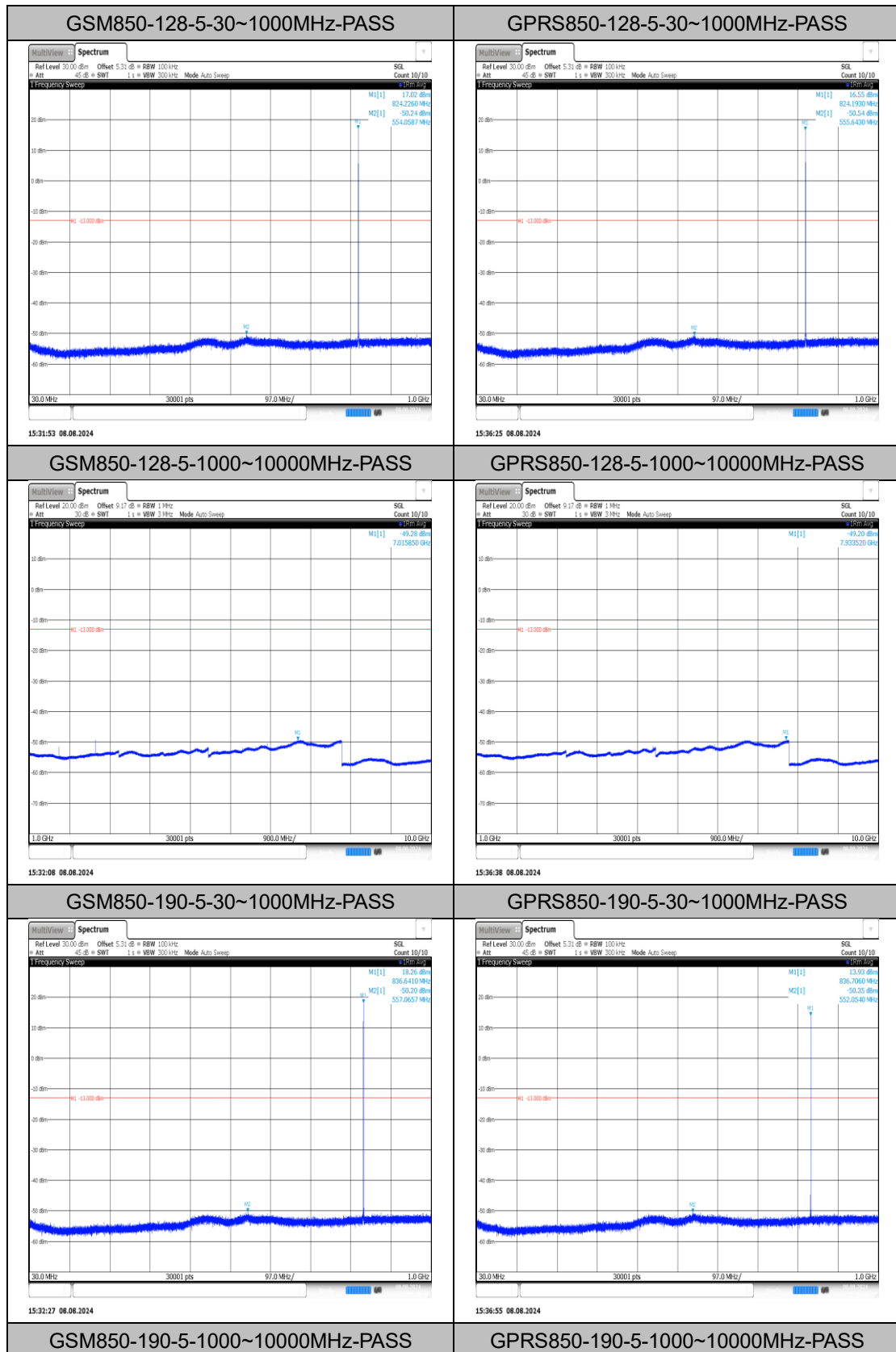
Appendix E: Conducted Spurious Emission

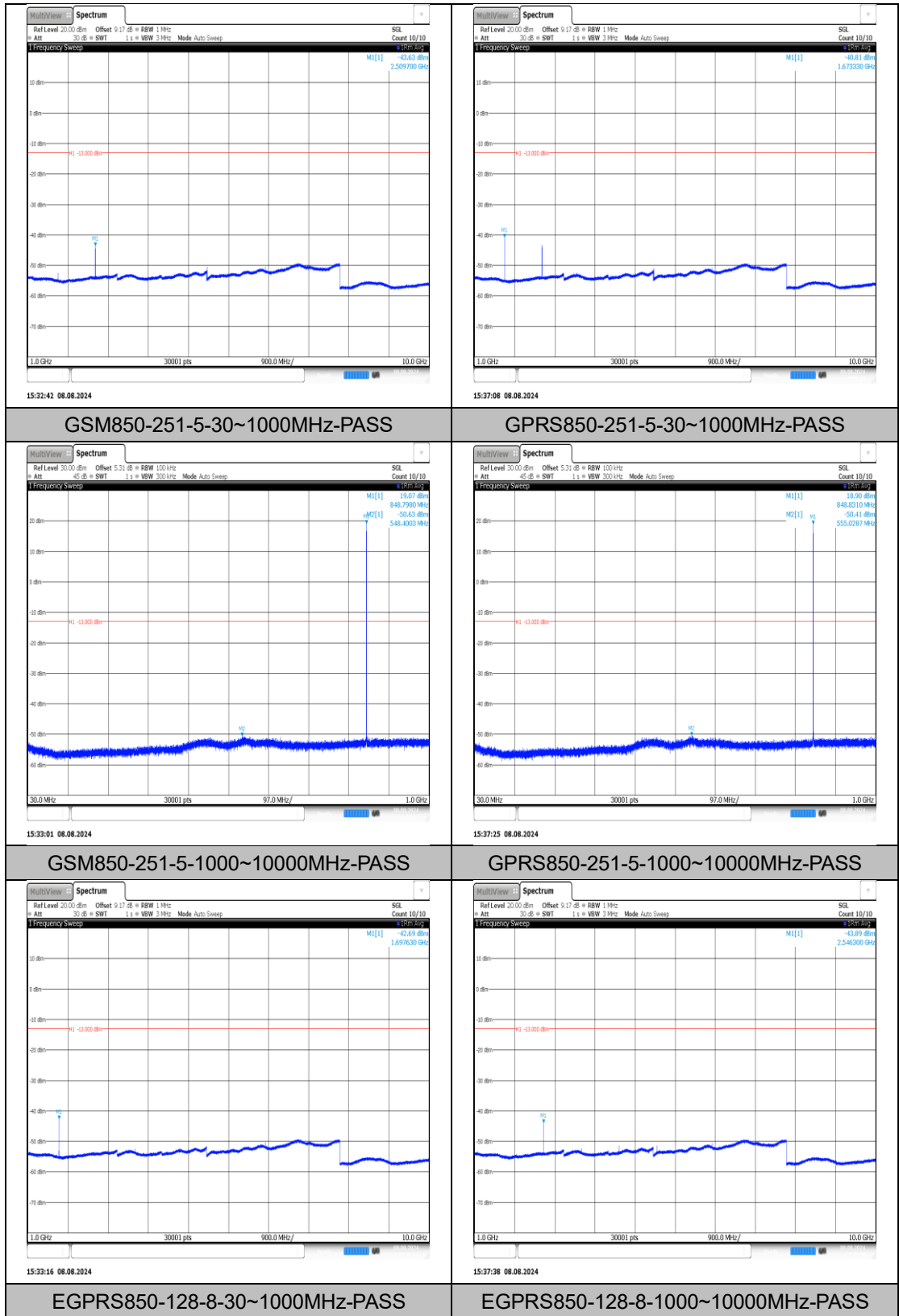
Test Result

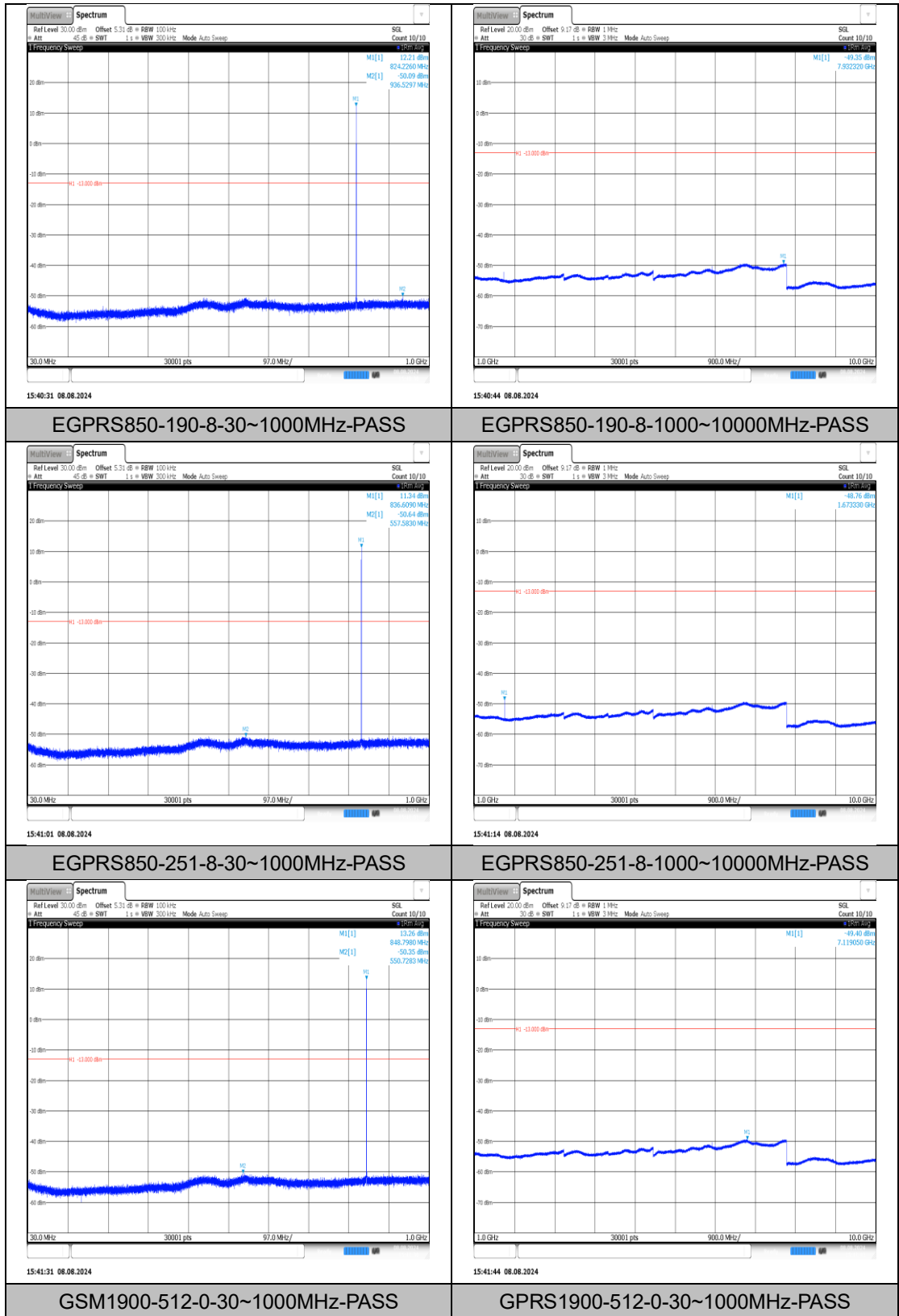
Band	Channel	Frequency Range(MHz)	Max.Freq. (MHz)	Result (dBm)	Limit (dBm)	Verdict
GSM850	128	30~1000MHz	554.06	-50.24	-13	PASS
GPRS850	128	30~1000MHz	555.64	-50.54	-13	PASS
GSM850	128	1000~10000MHz	7015.85	-49.28	-13	PASS
GPRS850	128	1000~10000MHz	7933.52	-49.2	-13	PASS
GSM850	190	30~1000MHz	557.07	-50.2	-13	PASS
GPRS850	190	30~1000MHz	552.05	-50.35	-13	PASS
GSM850	190	1000~10000MHz	2509.7	-43.63	-13	PASS
GPRS850	190	1000~10000MHz	1673.33	-40.81	-13	PASS
GSM850	251	30~1000MHz	548.4	-50.63	-13	PASS
GPRS850	251	30~1000MHz	555.03	-50.41	-13	PASS
GSM850	251	1000~10000MHz	1697.63	-42.69	-13	PASS
GPRS850	251	1000~10000MHz	2546.3	-43.89	-13	PASS
EGPRS850	128	30~1000MHz	936.53	-50.09	-13	PASS
EGPRS850	128	1000~10000MHz	7932.32	-49.35	-13	PASS
EGPRS850	190	30~1000MHz	557.58	-50.64	-13	PASS
EGPRS850	190	1000~10000MHz	1673.33	-48.76	-13	PASS
EGPRS850	251	30~1000MHz	550.73	-50.35	-13	PASS
EGPRS850	251	1000~10000MHz	7119.05	-49.4	-13	PASS
GSM1900	512	30~1000MHz	555.84	-47.02	-13	PASS
GPRS1900	512	30~1000MHz	554.54	-47.09	-13	PASS
GSM1900	512	1000~3000MHz	2982.87	-37.5	-13	PASS
GPRS1900	512	1000~3000MHz	2978.53	-37.49	-13	PASS
GSM1900	512	3000~18000MHz	7083.11	-46.28	-13	PASS
GPRS1900	512	3000~18000MHz	7090.61	-46.46	-13	PASS
GSM1900	661	30~1000MHz	555.03	-47.09	-13	PASS
GPRS1900	661	30~1000MHz	554.64	-46.96	-13	PASS
GSM1900	661	1000~3000MHz	2996.67	-37.28	-13	PASS
GPRS1900	661	1000~3000MHz	2993.07	-37.56	-13	PASS
GSM1900	661	3000~18000MHz	3760.22	-46.11	-13	PASS
GPRS1900	661	3000~18000MHz	3760.22	-44.79	-13	PASS
GSM1900	810	30~1000MHz	555.64	-47.04	-13	PASS
GPRS1900	810	30~1000MHz	555.67	-47.1	-13	PASS
GSM1900	810	1000~3000MHz	2985.93	-37.68	-13	PASS
GPRS1900	810	1000~3000MHz	2999.07	-37.5	-13	PASS
GSM1900	810	3000~18000MHz	3819.72	-45.79	-13	PASS
GPRS1900	810	3000~18000MHz	7972.58	-46.48	-13	PASS

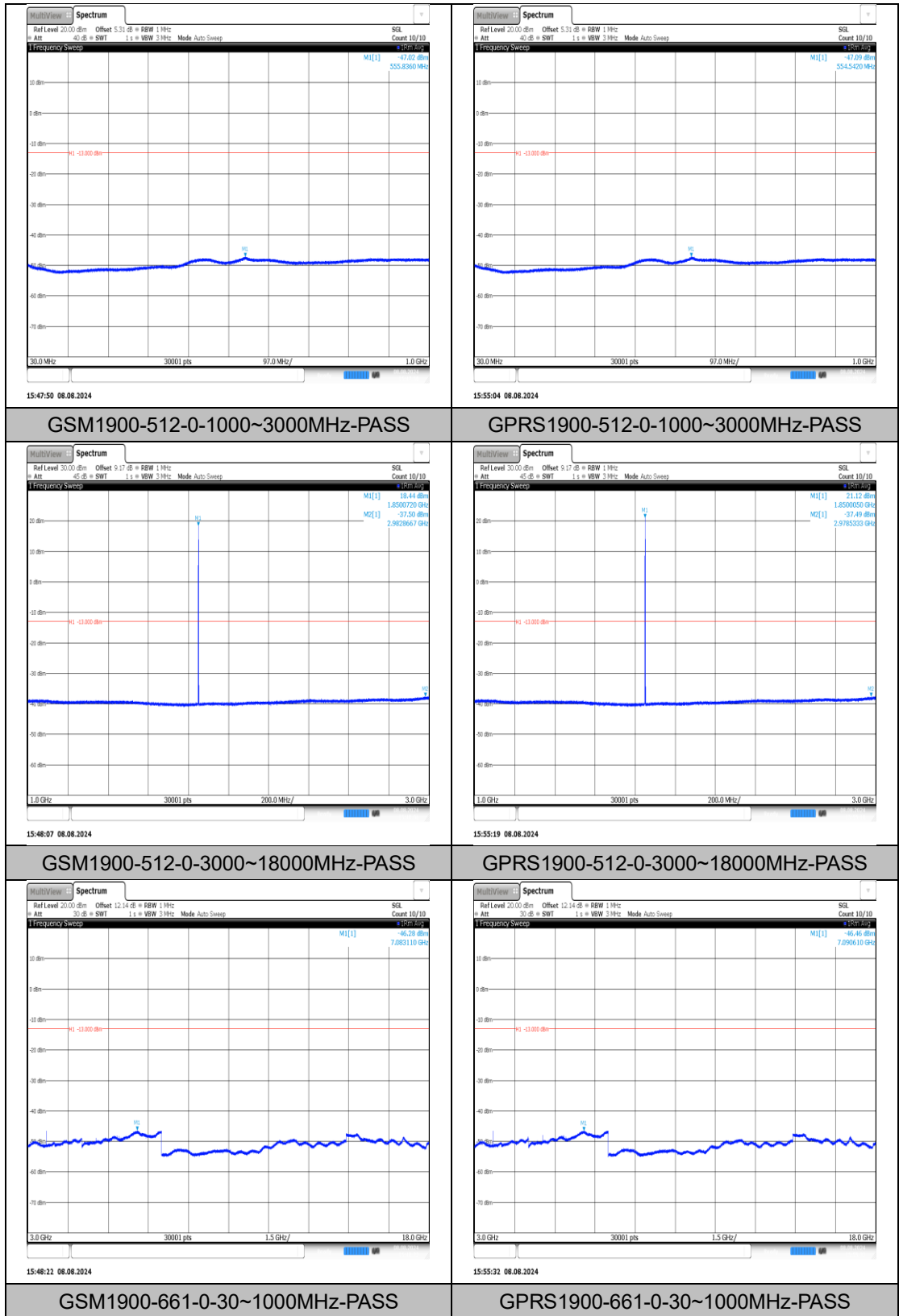
EGPRS1900	512	30~1000MHz	555.71	-46.95	-13	PASS
EGPRS1900	512	1000~3000MHz	2980.53	-37.63	-13	PASS
EGPRS1900	512	3000~18000MHz	7055.61	-46.43	-13	PASS
EGPRS1900	661	30~1000MHz	556.03	-47.04	-13	PASS
EGPRS1900	661	1000~3000MHz	2999.67	-37.56	-13	PASS
EGPRS1900	661	3000~18000MHz	7047.12	-46.43	-13	PASS
EGPRS1900	810	30~1000MHz	556.35	-47.11	-13	PASS
EGPRS1900	810	1000~3000MHz	2992.4	-37.62	-13	PASS
EGPRS1900	810	3000~18000MHz	7104.11	-46.38	-13	PASS

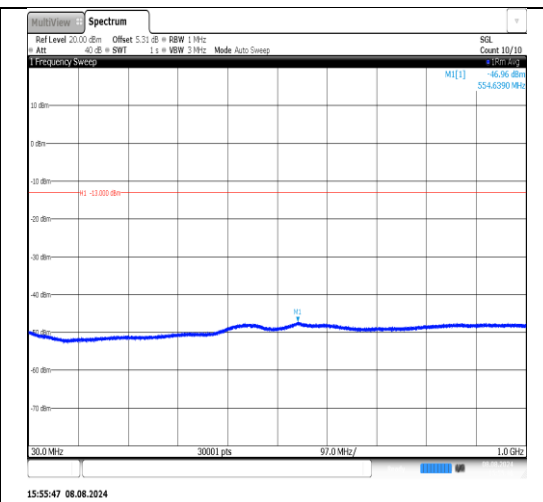
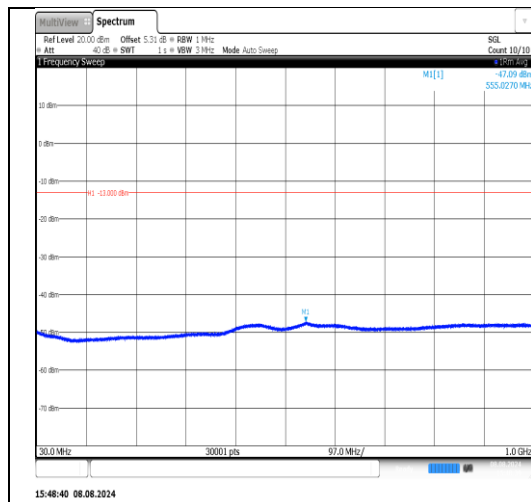
Test Graphs





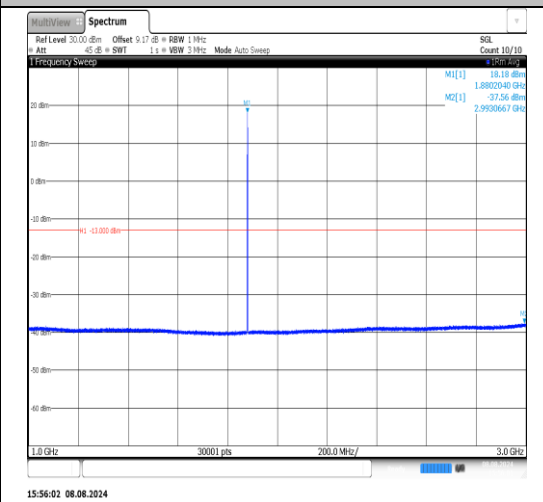
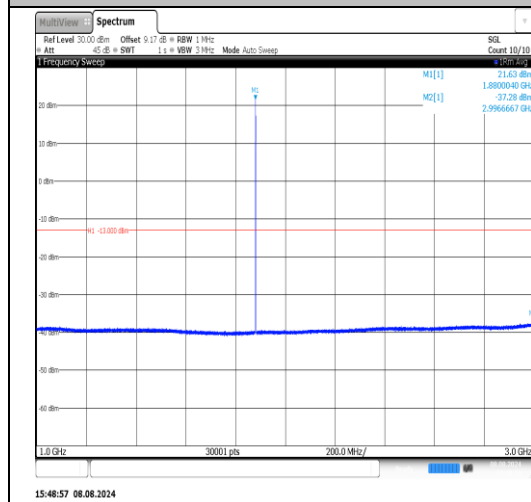






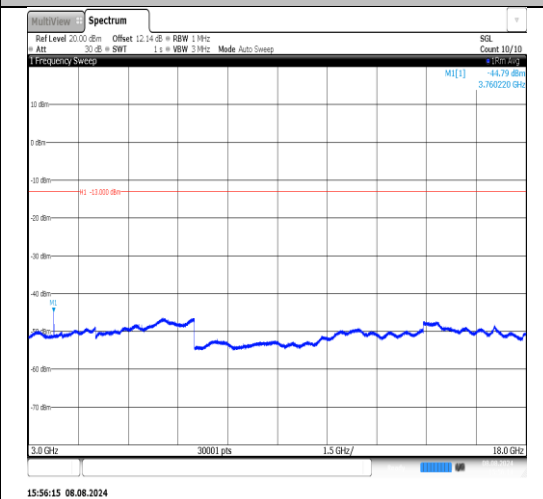
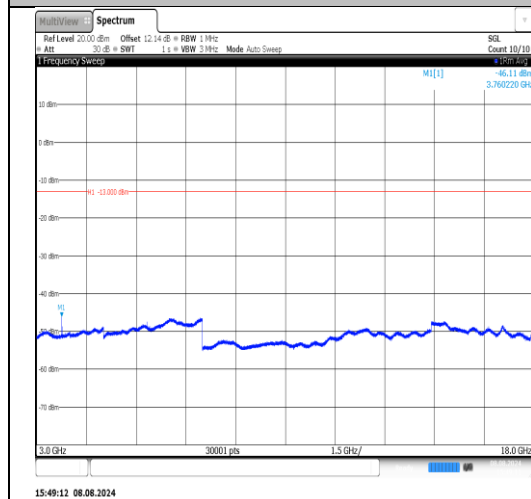
GSM1900-661-0-1000~3000MHz-PASS

GPRS1900-661-0-1000~3000MHz-PASS



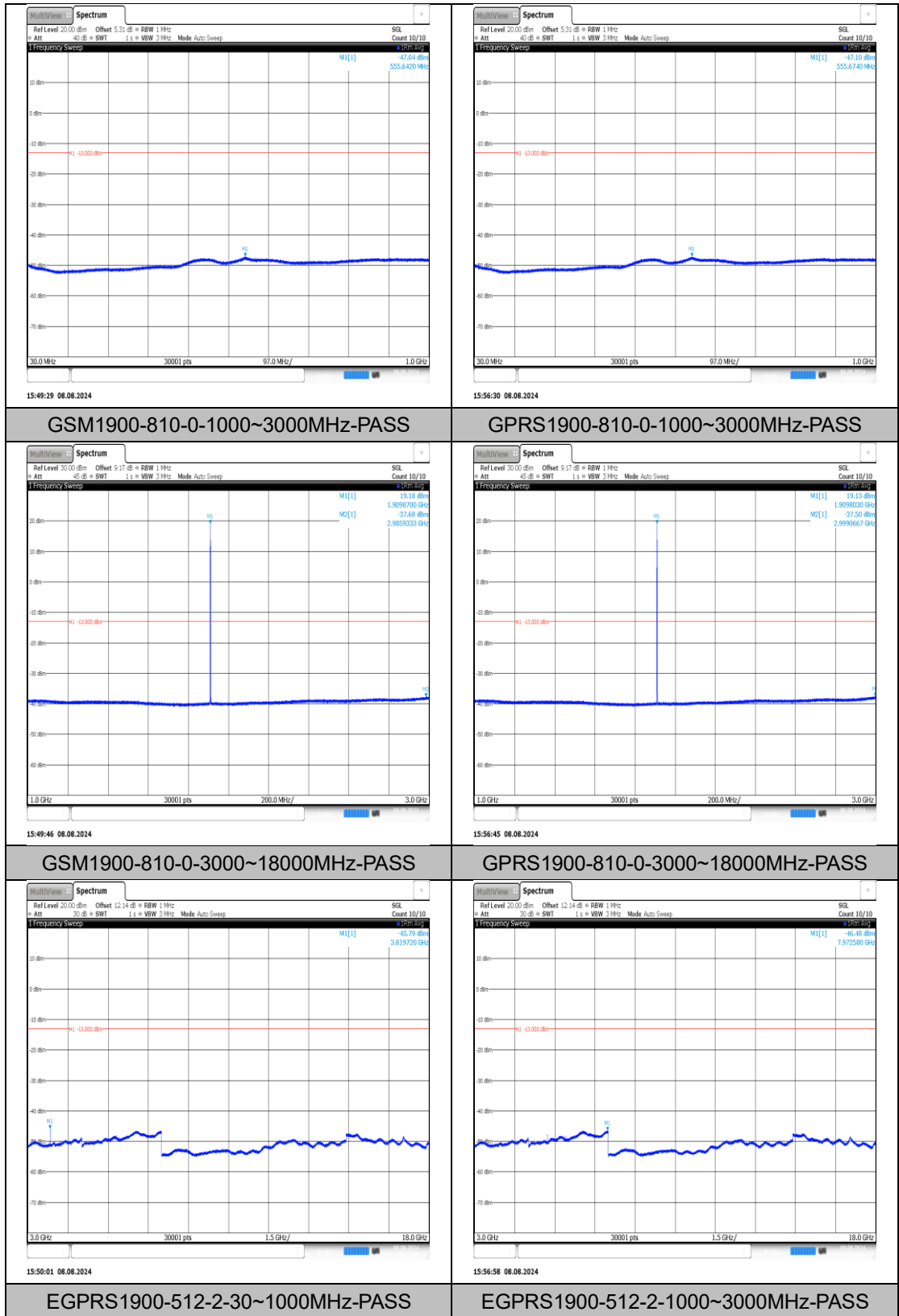
GSM1900-661-0-3000~18000MHz-PASS

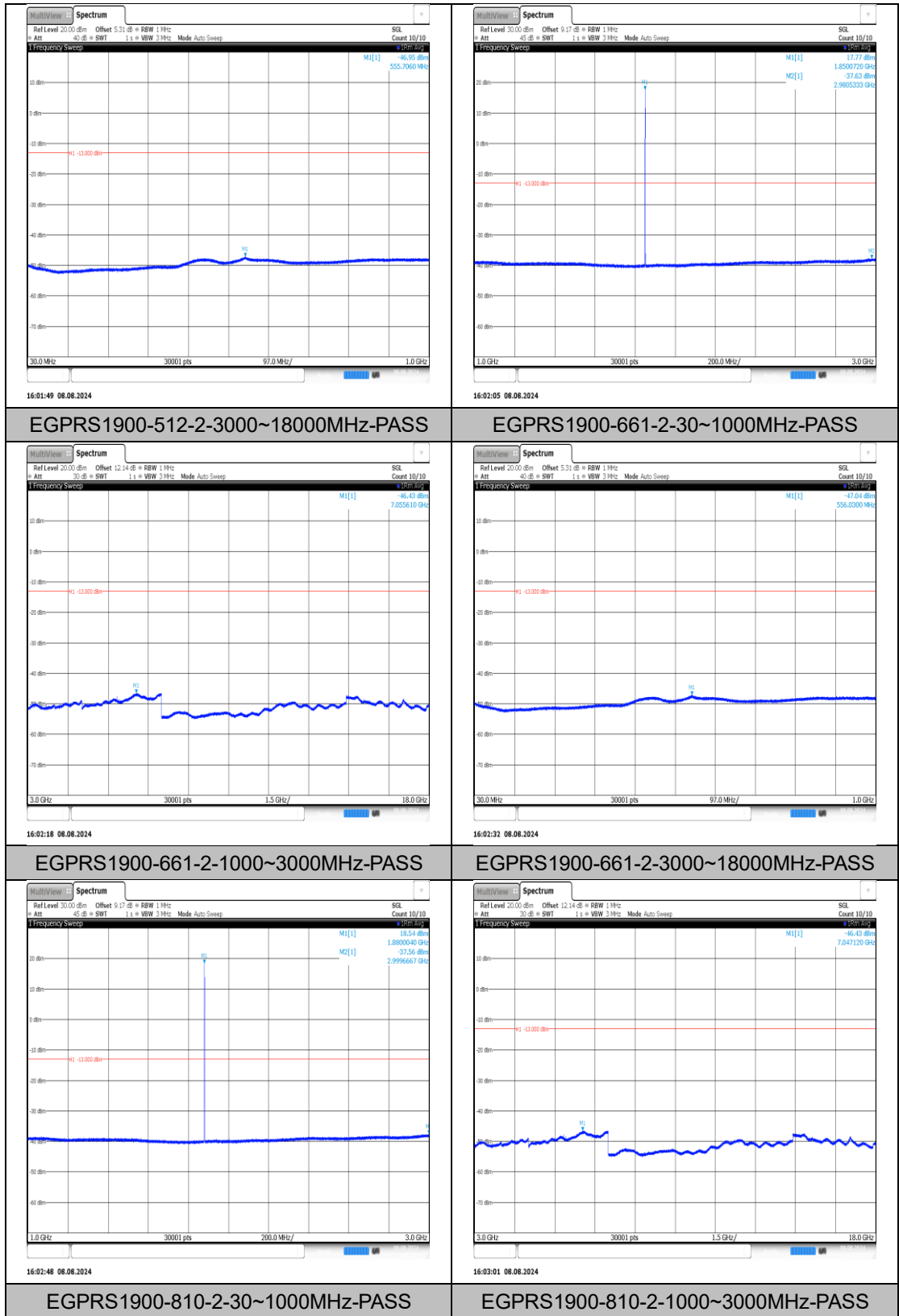
GPRS1900-661-0-3000~18000MHz-PASS

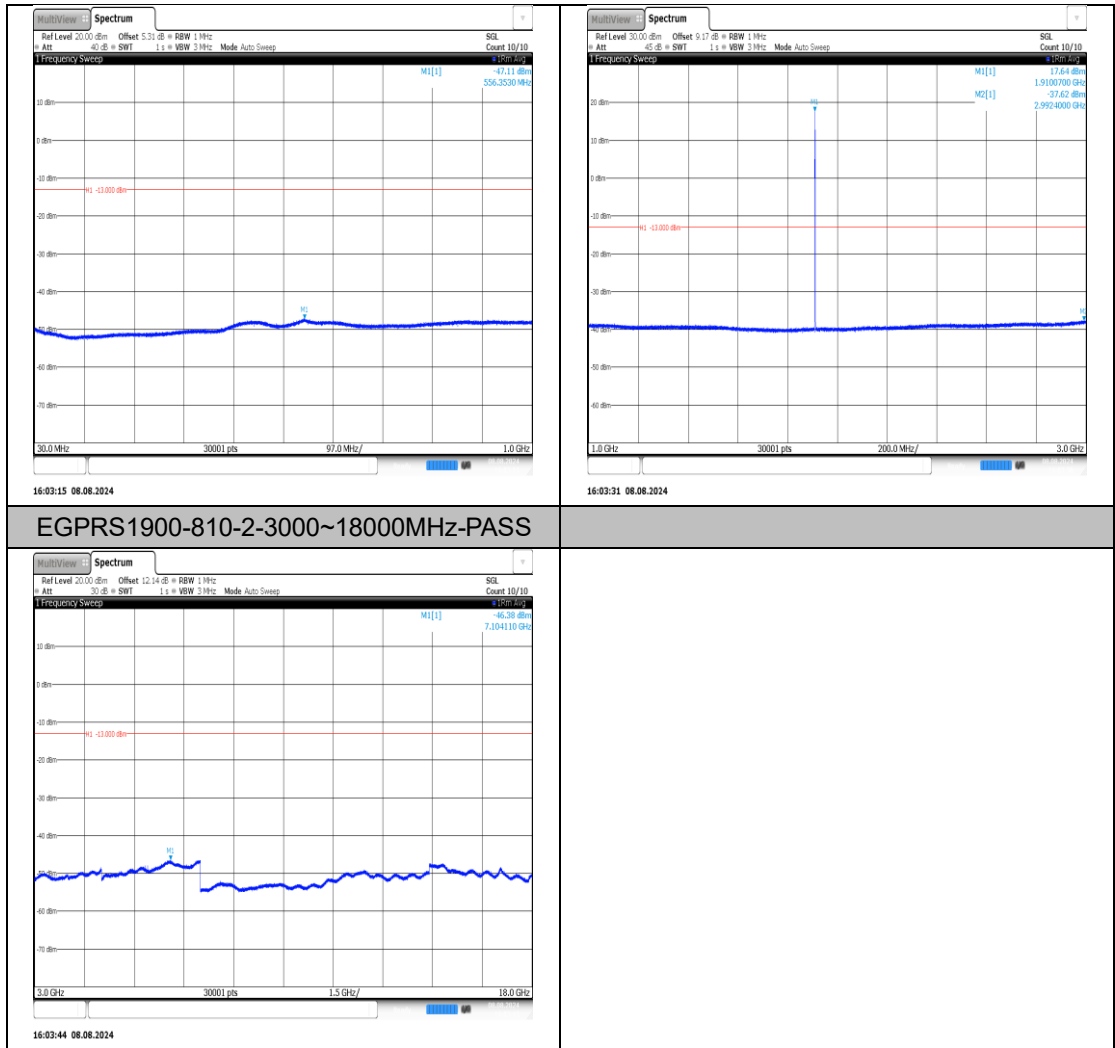


GSM1900-810-0-30~1000MHz-PASS

GPRS1900-810-0-30~1000MHz-PASS







Appendix F: Frequency Stability

Test Result

Temperature							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	190	NV	-30	6.55	0.007829	±2.5	PASS
GSM850	190	NV	-20	-1.36	-0.001626	±2.5	PASS
GSM850	190	NV	-10	-0.81	-0.000968	±2.5	PASS
GSM850	190	NV	0	2.20	0.002630	±2.5	PASS
GSM850	190	NV	10	-6.36	-0.007602	±2.5	PASS
GSM850	190	NV	20	-6.68	-0.007985	±2.5	PASS
GSM850	190	NV	30	0.94	0.001124	±2.5	PASS
GSM850	190	NV	40	-8.98	-0.010734	±2.5	PASS
GSM850	190	NV	50	-6.33	-0.007566	±2.5	PASS
GPRS850	190	NV	-30	-1.81	-0.002164	±2.5	PASS
GPRS850	190	NV	-20	-3.42	-0.004088	±2.5	PASS
GPRS850	190	NV	-10	-1.19	-0.001422	±2.5	PASS
GPRS850	190	NV	0	-3.16	-0.003777	±2.5	PASS
GPRS850	190	NV	10	-0.97	-0.001159	±2.5	PASS
GPRS850	190	NV	20	0.90	0.001076	±2.5	PASS
GPRS850	190	NV	30	2.26	0.002701	±2.5	PASS
GPRS850	190	NV	40	-0.10	-0.000120	±2.5	PASS
GPRS850	190	NV	50	-2.78	-0.003323	±2.5	PASS
EGPRS850	190	NV	-30	6.04	0.007220	±2.5	PASS
EGPRS850	190	NV	-20	6.72	0.008033	±2.5	PASS
EGPRS850	190	NV	-10	11.69	0.013973	±2.5	PASS
EGPRS850	190	NV	0	7.72	0.009228	±2.5	PASS
EGPRS850	190	NV	10	9.04	0.010806	±2.5	PASS
EGPRS850	190	NV	20	7.52	0.008989	±2.5	PASS
EGPRS850	190	NV	30	3.65	0.004363	±2.5	PASS
EGPRS850	190	NV	40	5.78	0.006909	±2.5	PASS
EGPRS850	190	NV	50	10.59	0.012658	±2.5	PASS
GSM1900	661	NV	-30	-50.00	-0.026596	±2.5	PASS
GSM1900	661	NV	-20	50.00	0.026596	±2.5	PASS
GSM1900	661	NV	-10	300.00	0.159574	±2.5	PASS
GSM1900	661	NV	0	350.00	0.186170	±2.5	PASS
GSM1900	661	NV	10	750.00	0.398936	±2.5	PASS
GSM1900	661	NV	20	-500.00	-0.265957	±2.5	PASS
GSM1900	661	NV	30	-500.00	-0.265957	±2.5	PASS
GSM1900	661	NV	40	400.00	0.212766	±2.5	PASS

GSM1900	661	NV	50	-1600.00	-0.851064	±2.5	PASS
GPRS1900	661	NV	-30	1200.00	0.638298	±2.5	PASS
GPRS1900	661	NV	-20	350.00	0.186170	±2.5	PASS
GPRS1900	661	NV	-10	200.00	0.106383	±2.5	PASS
GPRS1900	661	NV	0	1200.00	0.638298	±2.5	PASS
GPRS1900	661	NV	10	1350.00	0.718085	±2.5	PASS
GPRS1900	661	NV	20	700.00	0.372340	±2.5	PASS
GPRS1900	661	NV	30	600.00	0.319149	±2.5	PASS
GPRS1900	661	NV	40	1250.00	0.664894	±2.5	PASS
GPRS1900	661	NV	50	700.00	0.372340	±2.5	PASS
EGPRS1900	661	NV	-30	-1700.00	-0.904255	±2.5	PASS
EGPRS1900	661	NV	-20	-550.00	-0.292553	±2.5	PASS
EGPRS1900	661	NV	-10	-200.00	-0.106383	±2.5	PASS
EGPRS1900	661	NV	0	-250.00	-0.132979	±2.5	PASS
EGPRS1900	661	NV	10	-1550.00	-0.824468	±2.5	PASS
EGPRS1900	661	NV	20	400.00	0.212766	±2.5	PASS
EGPRS1900	661	NV	30	-1000.00	-0.531915	±2.5	PASS
EGPRS1900	661	NV	40	-2050.00	-1.090426	±2.5	PASS
EGPRS1900	661	NV	50	350.00	0.186170	±2.5	PASS