

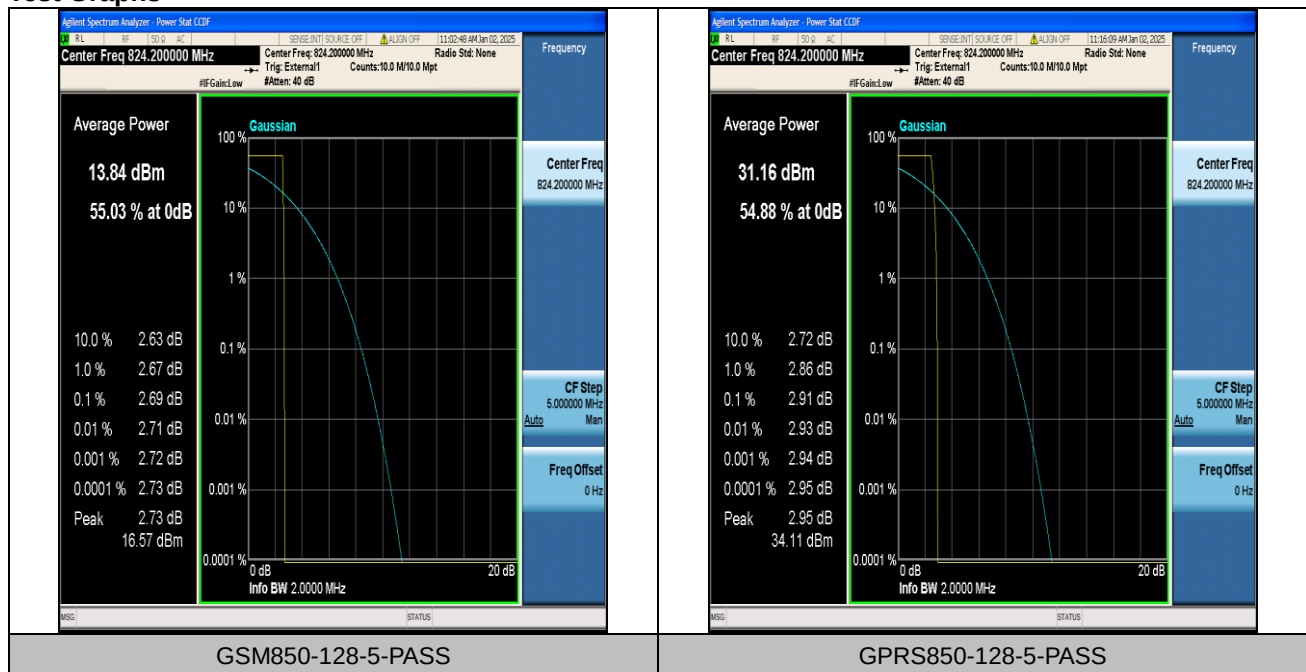
APPENDIX A GSM 850&1900_RF TEST DATA

APPENDIX A1: PEAK-TO-AVERAGE RATIO (CCDF)

Test Result

Band	Channel	Result(dB)	Limit(dB)	Verdict
GSM850	128	2.69	13	PASS
GPRS850	128	2.91	13	PASS
GSM850	190	2.68	13	PASS
GPRS850	190	2.89	13	PASS
GSM850	251	2.70	13	PASS
GPRS850	251	2.85	13	PASS
EGPRS850	128	5.79	13	PASS
EGPRS850	190	5.76	13	PASS
EGPRS850	251	5.77	13	PASS
GSM1900	512	2.83	13	PASS
GPRS1900	512	2.83	13	PASS
GSM1900	661	2.90	13	PASS
GPRS1900	661	2.89	13	PASS
GSM1900	810	2.88	13	PASS
GPRS1900	810	2.89	13	PASS
EGPRS1900	512	5.66	13	PASS
EGPRS1900	661	5.73	13	PASS
EGPRS1900	810	5.73	13	PASS

Test Graphs



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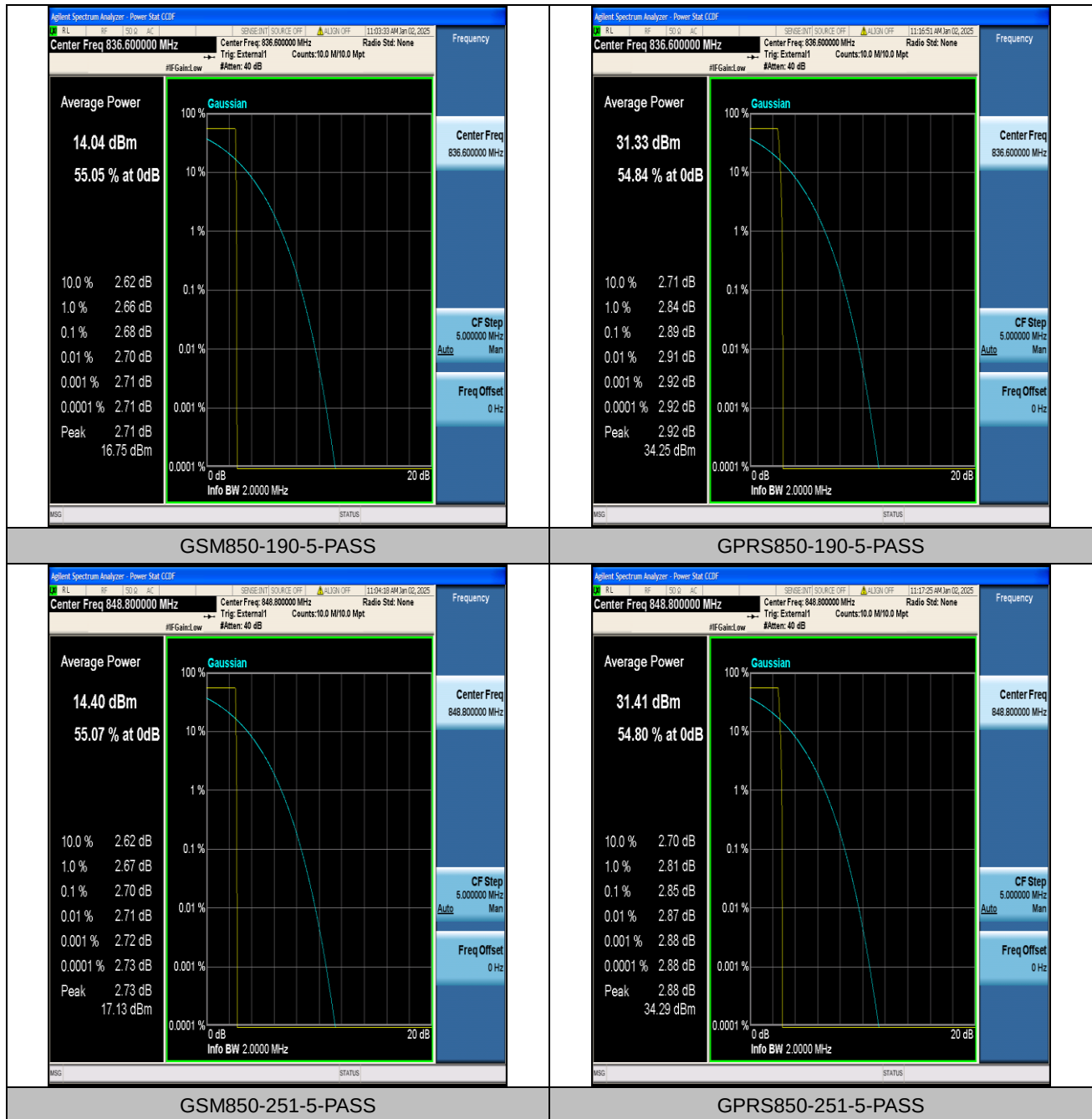
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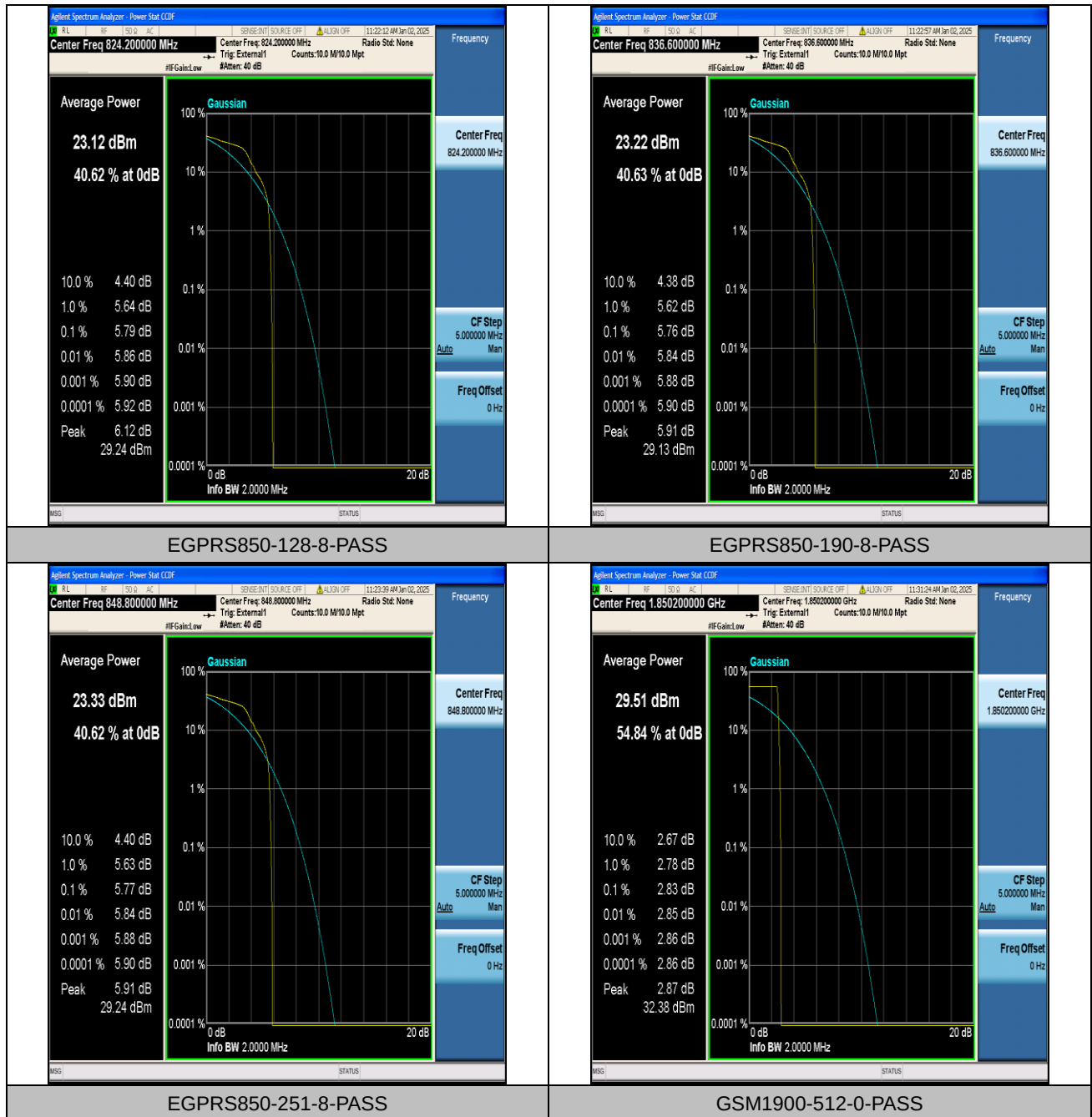
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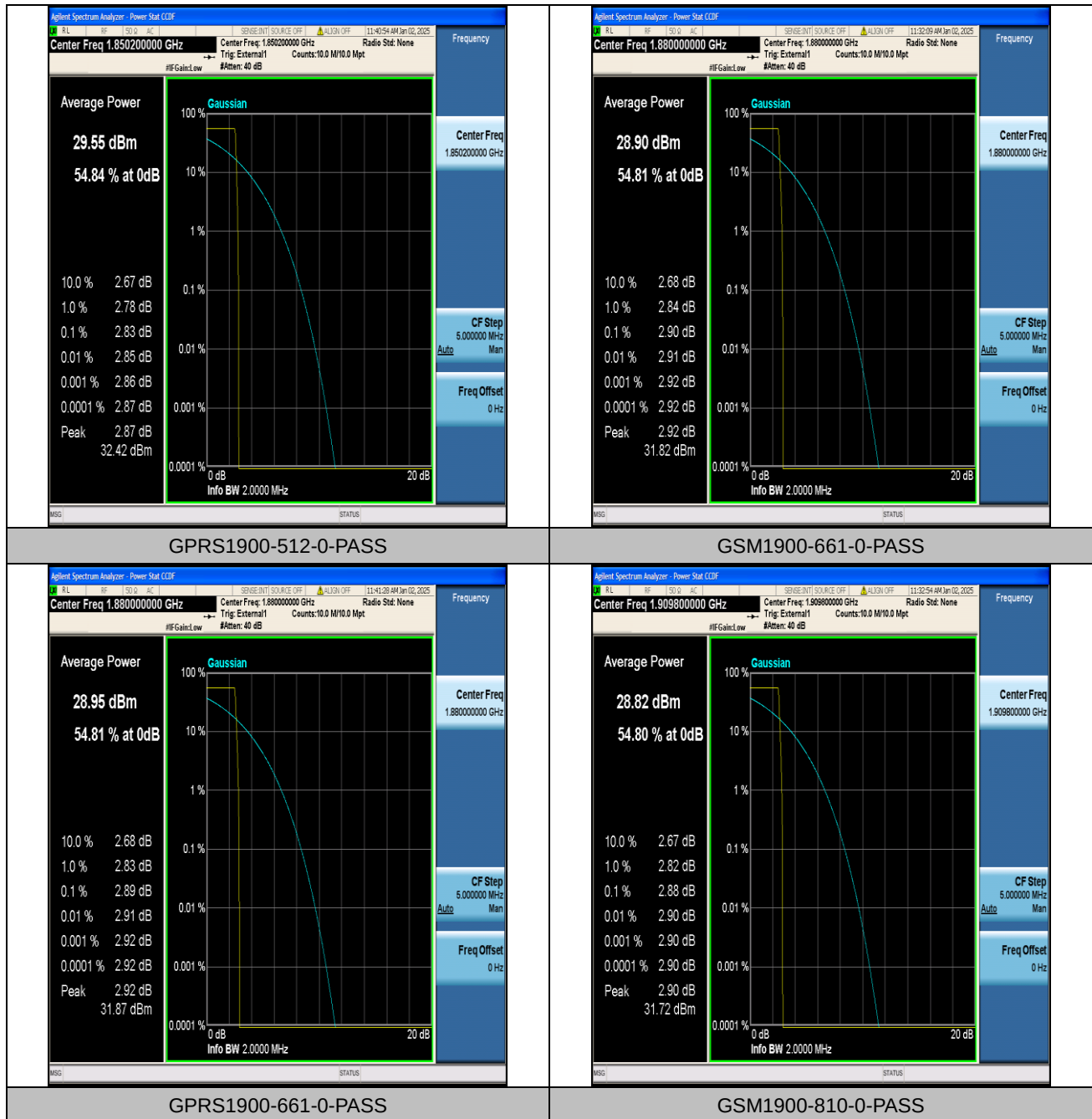
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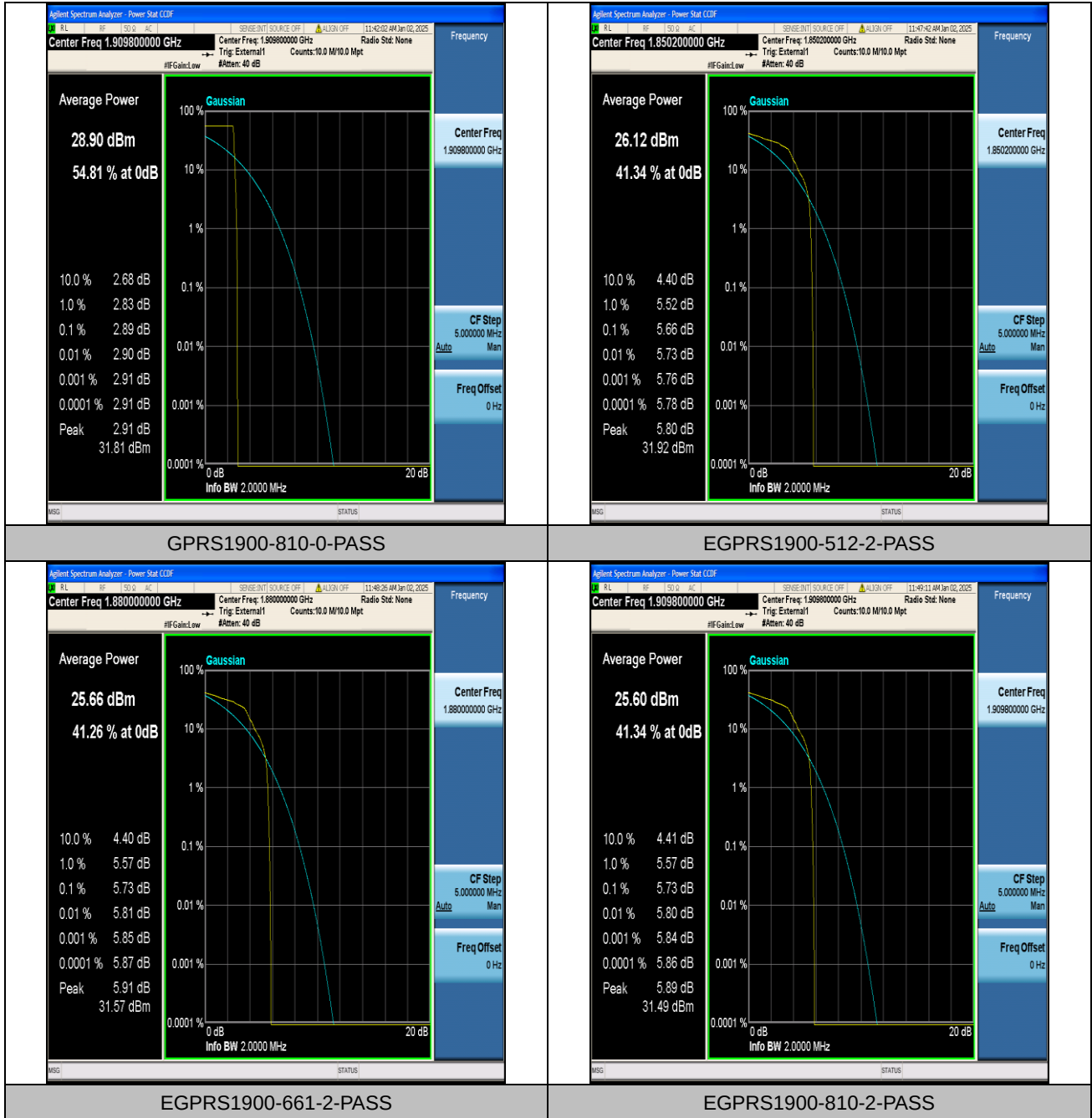
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APPENDIX A2: 26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
GSM850	128	0.24042	0.3088	---	PASS
GPRS850	128	0.24344	0.3109	---	PASS
GSM850	190	0.24267	0.3020	---	PASS
GPRS850	190	0.24169	0.3092	---	PASS
GSM850	251	0.24122	0.3027	---	PASS
GPRS850	251	0.24700	0.3127	---	PASS
EGPRS850	128	0.24771	0.3129	---	PASS
EGPRS850	190	0.24438	0.3110	---	PASS
EGPRS850	251	0.24826	0.3003	---	PASS
GSM1900	512	0.24353	0.3147	---	PASS
GPRS1900	512	0.24627	0.3120	---	PASS
GSM1900	661	0.24341	0.3110	---	PASS
GPRS1900	661	0.24732	0.3143	---	PASS
GSM1900	810	0.24611	0.3073	---	PASS
GPRS1900	810	0.24640	0.3113	---	PASS
EGPRS1900	512	0.24538	0.3040	---	PASS
EGPRS1900	661	0.24572	0.3131	---	PASS
EGPRS1900	810	0.24641	0.3041	---	PASS

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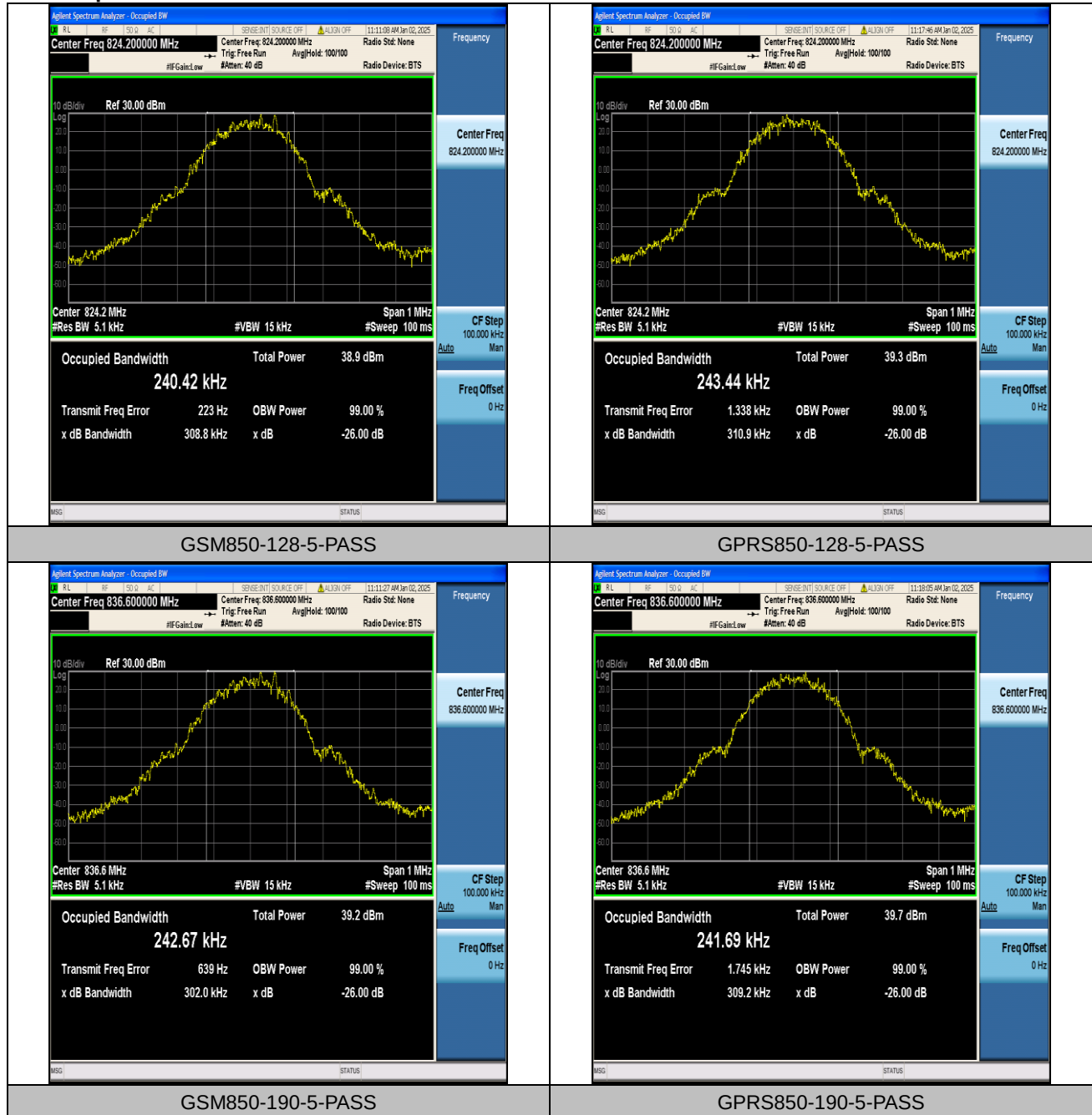
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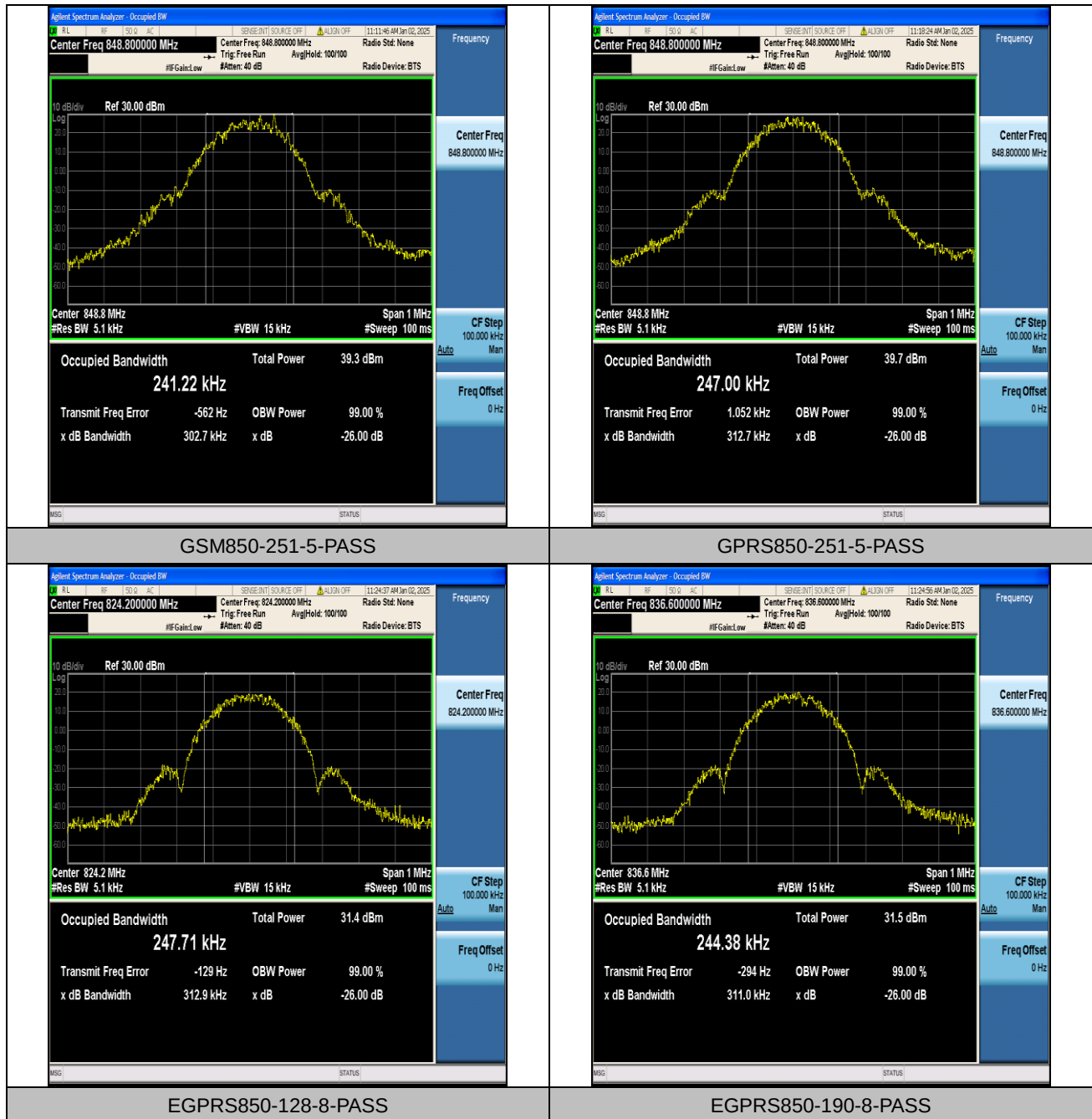
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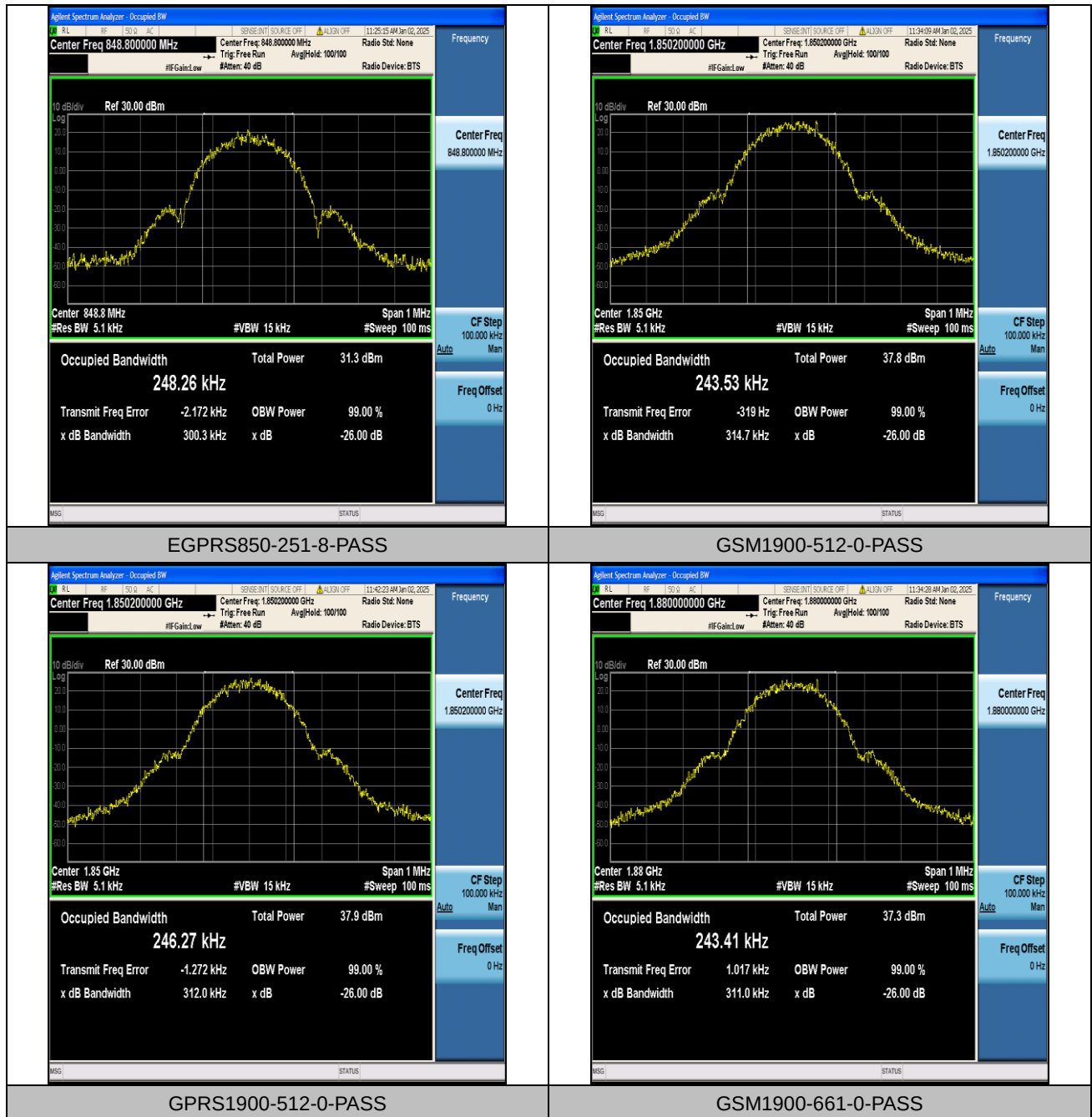
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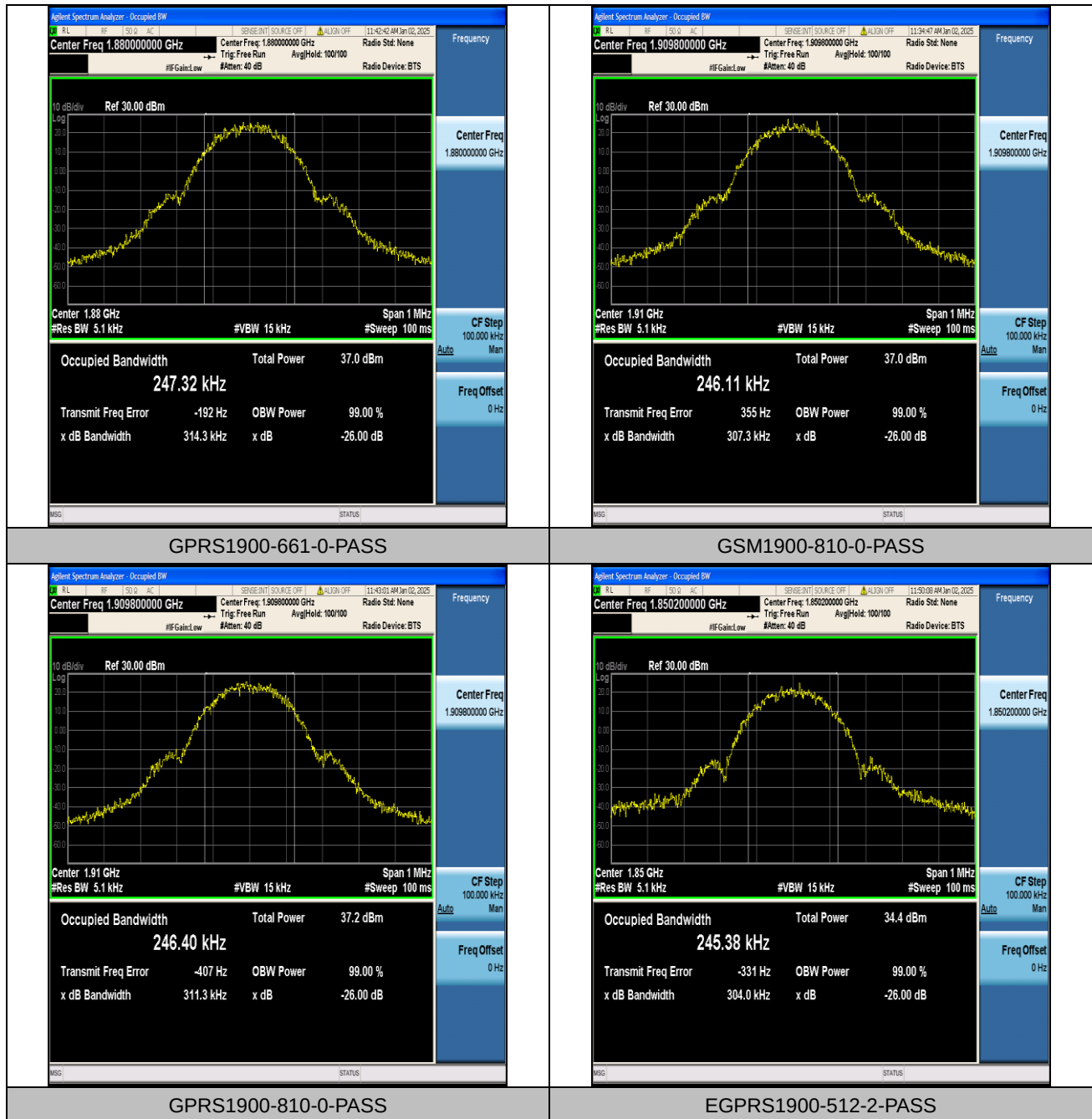
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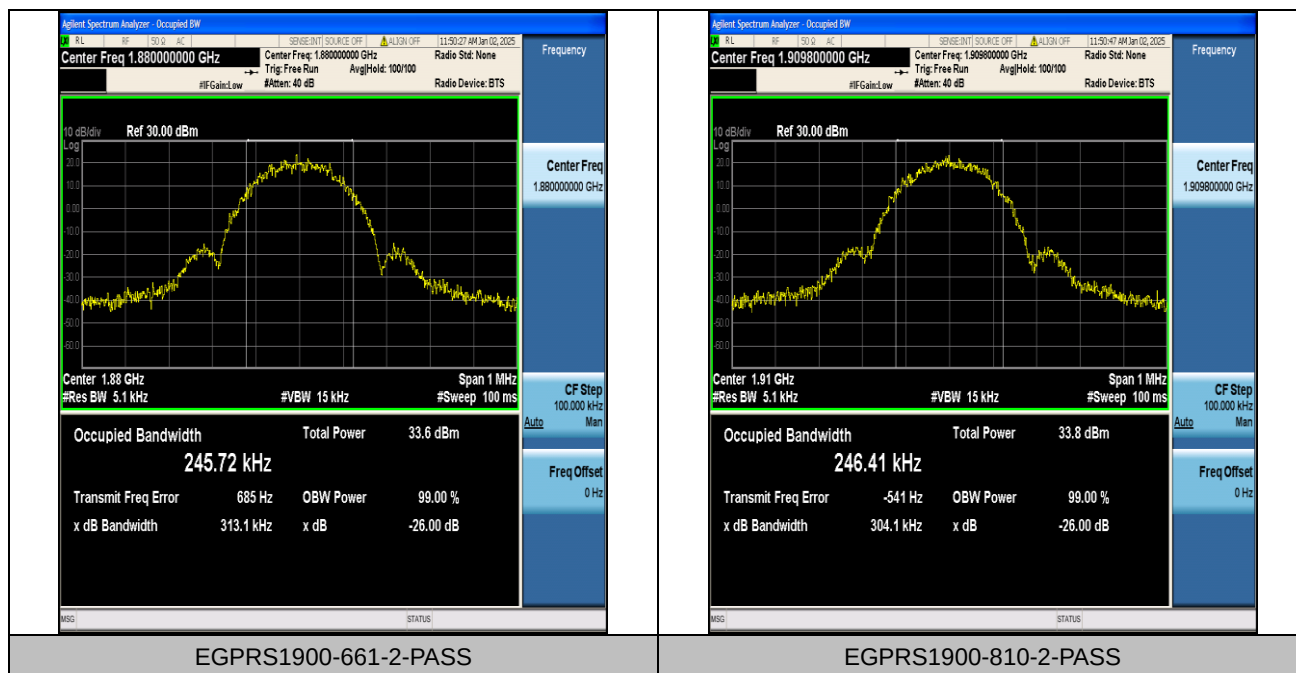
Test Graphs











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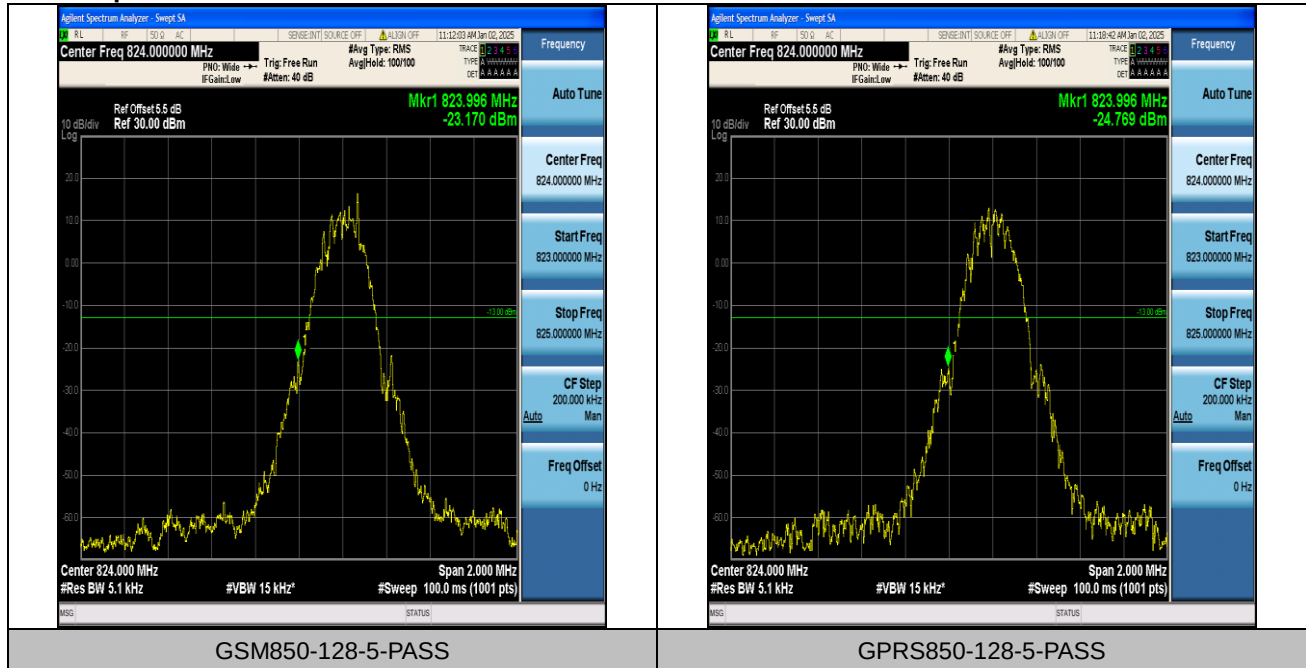
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APPENDIX A3: BAND EDGE

Test Result

Band	Channel	Freq (MHz)	Result (dBm)	Limit(dBm)	Verdict
GSM850	128	824.00	-23.17	-13	PASS
GPRS850	128	824.00	-24.77	-13	PASS
GSM850	251	849.03	-22.34	-13	PASS
GPRS850	251	849.02	-23.34	-13	PASS
EGPRS850	128	823.99	-35.36	-13	PASS
EGPRS850	251	849.02	-34.89	-13	PASS
GSM1900	512	1849.98	-25.45	-13	PASS
GPRS1900	512	1849.98	-25.71	-13	PASS
GSM1900	810	1910.02	-26.89	-13	PASS
GPRS1900	810	1910.02	-24.43	-13	PASS
EGPRS1900	512	1849.99	-30.73	-13	PASS
EGPRS1900	810	1910.03	-33.99	-13	PASS

Test Graphs



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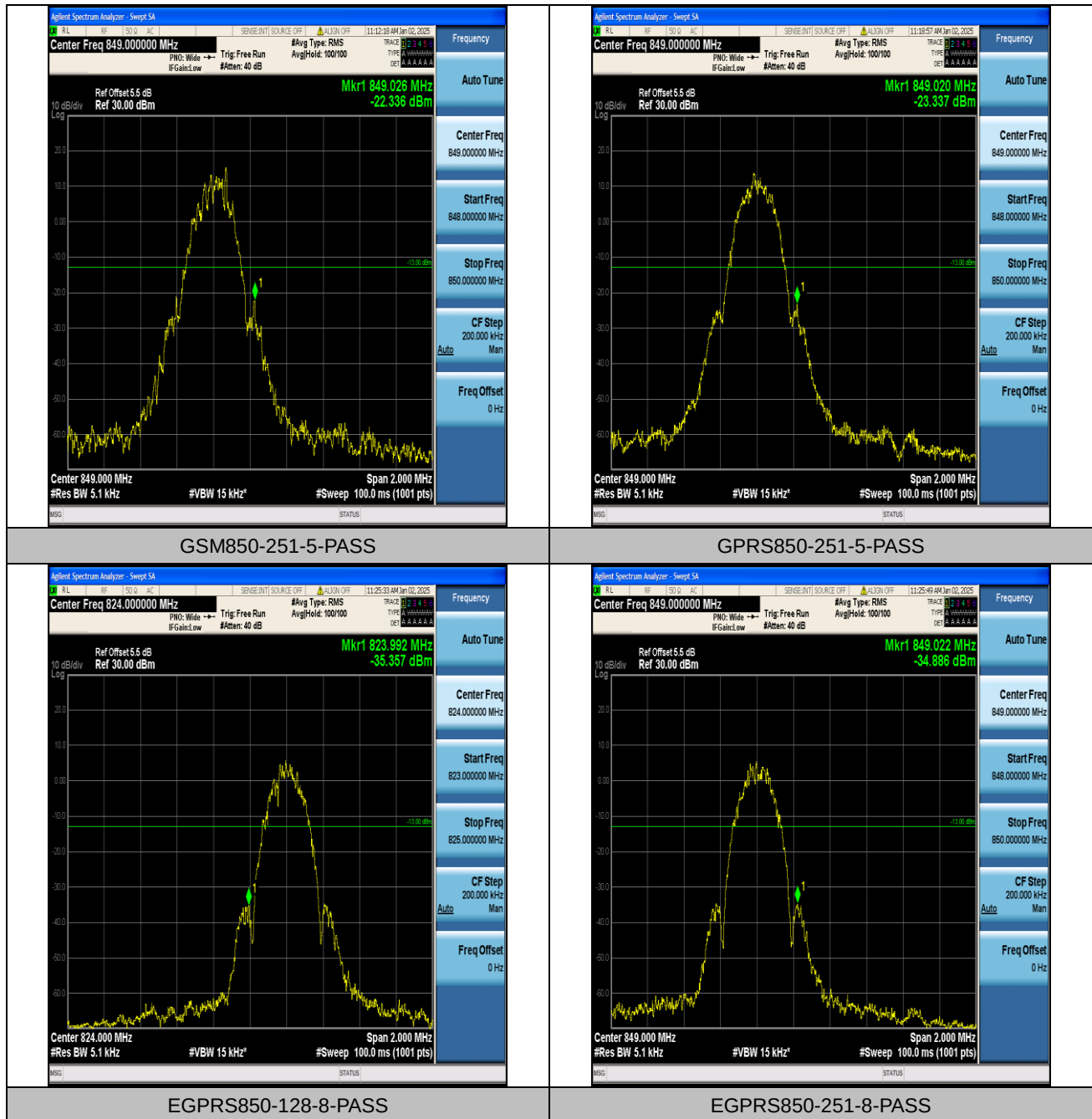
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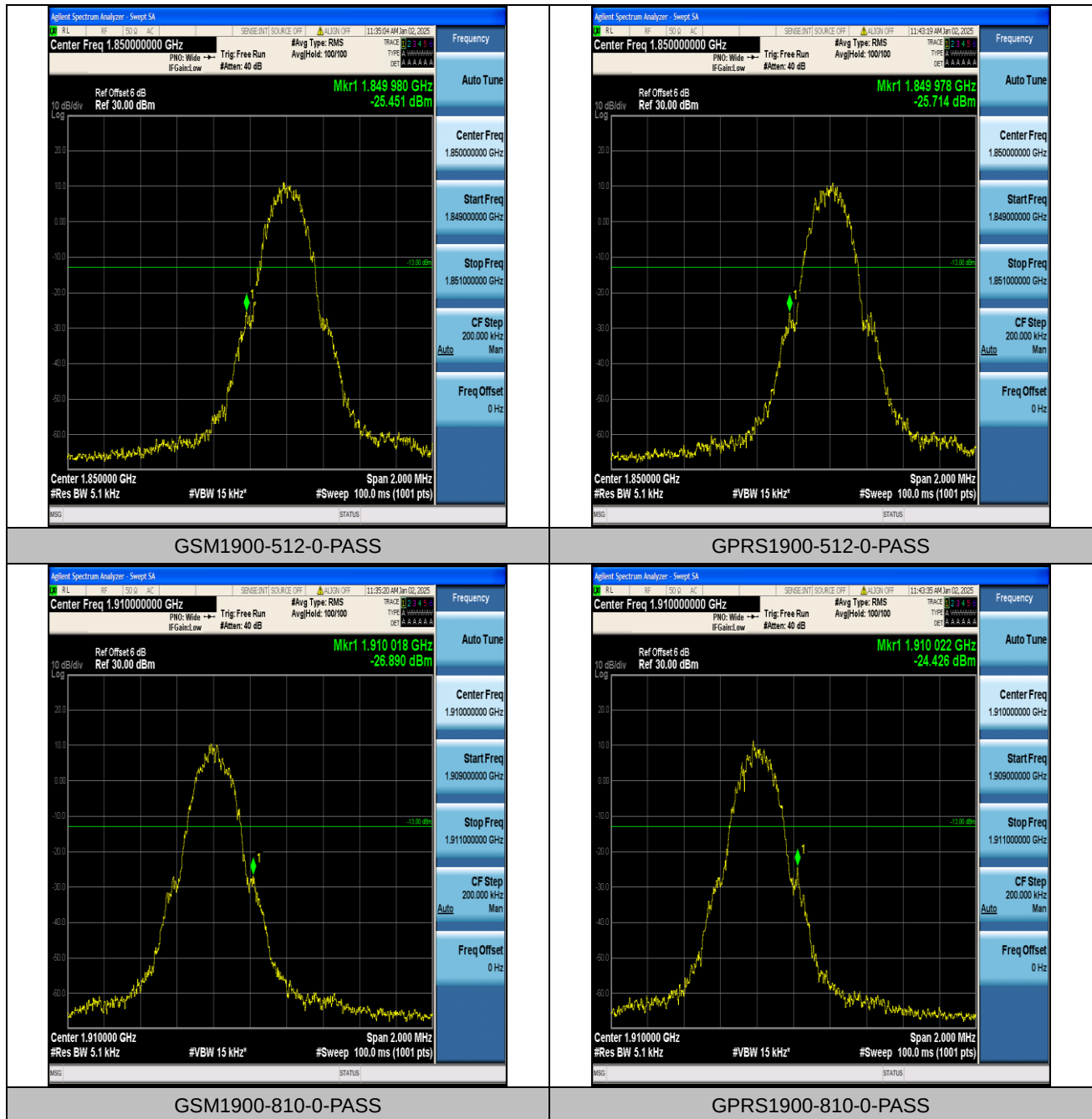
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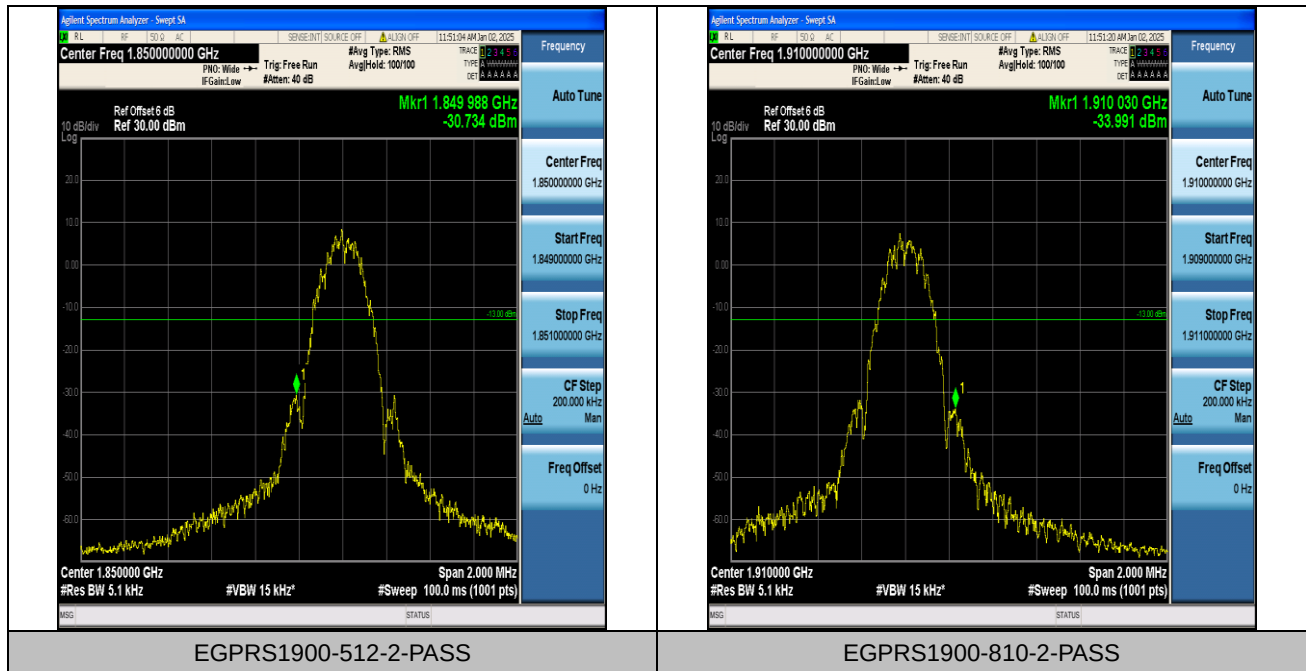
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APPENDIX A4: CONDUCTED SPURIOUS EMISSION

Test Result

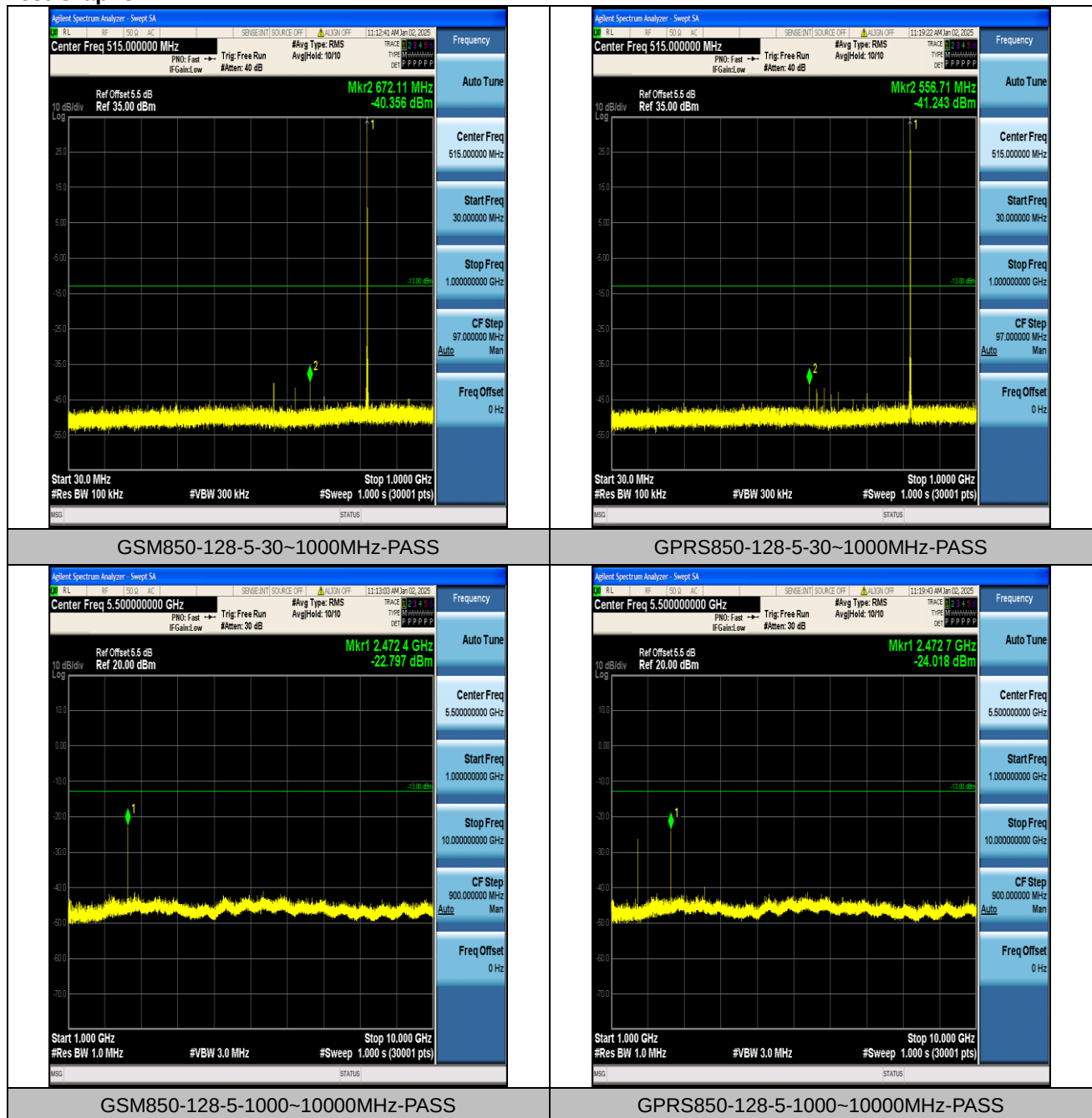
Band	Channel	Frequency Range(MHz)	Max.Freq. (MHz)	Result (dBm)	Limit (dBm)	Verdict
GSM850	128	30~1000MHz	672.11	-40.36	-13	PASS
GPRS850	128	30~1000MHz	556.71	-41.24	-13	PASS
GSM850	128	1000~10000MHz	2472.4	-22.8	-13	PASS
GPRS850	128	1000~10000MHz	2472.7	-24.02	-13	PASS
GSM850	190	30~1000MHz	595.15	-39.31	-13	PASS
GPRS850	190	30~1000MHz	595.15	-37.17	-13	PASS
GSM850	190	1000~10000MHz	2509.9	-22.61	-13	PASS
GPRS850	190	1000~10000MHz	1672.6	-28.55	-13	PASS
GSM850	251	30~1000MHz	633.63	-38.7	-13	PASS
GPRS850	251	30~1000MHz	672.04	-38.95	-13	PASS
GSM850	251	1000~10000MHz	1697.8	-26.58	-13	PASS
GPRS850	251	1000~10000MHz	2546.2	-23.54	-13	PASS
EGPRS850	128	30~1000MHz	576.01	-36.82	-13	PASS
EGPRS850	128	1000~10000MHz	1648.6	-34.38	-13	PASS
EGPRS850	190	30~1000MHz	595.19	-33.58	-13	PASS
EGPRS850	190	1000~10000MHz	1673.5	-35.62	-13	PASS
EGPRS850	251	30~1000MHz	633.57	-36.5	-13	PASS
EGPRS850	251	1000~10000MHz	2545.9	-38.11	-13	PASS
GSM1900	512	30~1000MHz	748.83	-41.62	-13	PASS
GPRS1900	512	30~1000MHz	787.05	-42.69	-13	PASS
GSM1900	512	1000~3000MHz	2640.93	-26.09	-13	PASS
GPRS1900	512	1000~3000MHz	2722.93	-26.2	-13	PASS
GSM1900	512	3000~18000MHz	16529.5	-37.22	-13	PASS
GPRS1900	512	3000~18000MHz	16408.5	-37.4	-13	PASS
GSM1900	661	30~1000MHz	806.36	-43.08	-13	PASS
GPRS1900	661	30~1000MHz	787.15	-42.42	-13	PASS
GSM1900	661	1000~3000MHz	2778.53	-25.41	-13	PASS
GPRS1900	661	1000~3000MHz	2652.6	-25.66	-13	PASS
GSM1900	661	3000~18000MHz	16313.5	-36.51	-13	PASS
GPRS1900	661	3000~18000MHz	16602.5	-36.85	-13	PASS
GSM1900	810	30~1000MHz	748.61	-41.58	-13	PASS
GPRS1900	810	30~1000MHz	748.61	-43.05	-13	PASS
GSM1900	810	1000~3000MHz	2998.47	-26.22	-13	PASS
GPRS1900	810	1000~3000MHz	2632.93	-25.7	-13	PASS
GSM1900	810	3000~18000MHz	16629.5	-37.34	-13	PASS
GPRS1900	810	3000~18000MHz	15774.5	-37.15	-13	PASS
EGPRS1900	512	30~1000MHz	749.09	-42.41	-13	PASS
EGPRS1900	512	1000~3000MHz	2649.73	-26.44	-13	PASS
EGPRS1900	512	3000~18000MHz	16221	-37.43	-13	PASS
EGPRS1900	661	30~1000MHz	748.83	-42.09	-13	PASS
EGPRS1900	661	1000~3000MHz	2750.33	-26.15	-13	PASS
EGPRS1900	661	3000~18000MHz	16469.5	-36.99	-13	PASS
EGPRS1900	810	30~1000MHz	749.03	-42	-13	PASS
EGPRS1900	810	1000~3000MHz	2563.27	-25.68	-13	PASS
EGPRS1900	810	3000~18000MHz	16146	-37.71	-13	PASS

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Test Graphs



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