

Appendix Test Data

Report No:	1816C50010012502	Test Sample NO:	1-2-2
Start Test Date:	2025-07-4	Finish Test Date:	2025-07-4
Test Engineer:	<i>Joker Huang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	24.3°C	Relative Humidity:	56%
Pressure:	101 kPa		

Appendix A: Conducted Output Power

Test Result

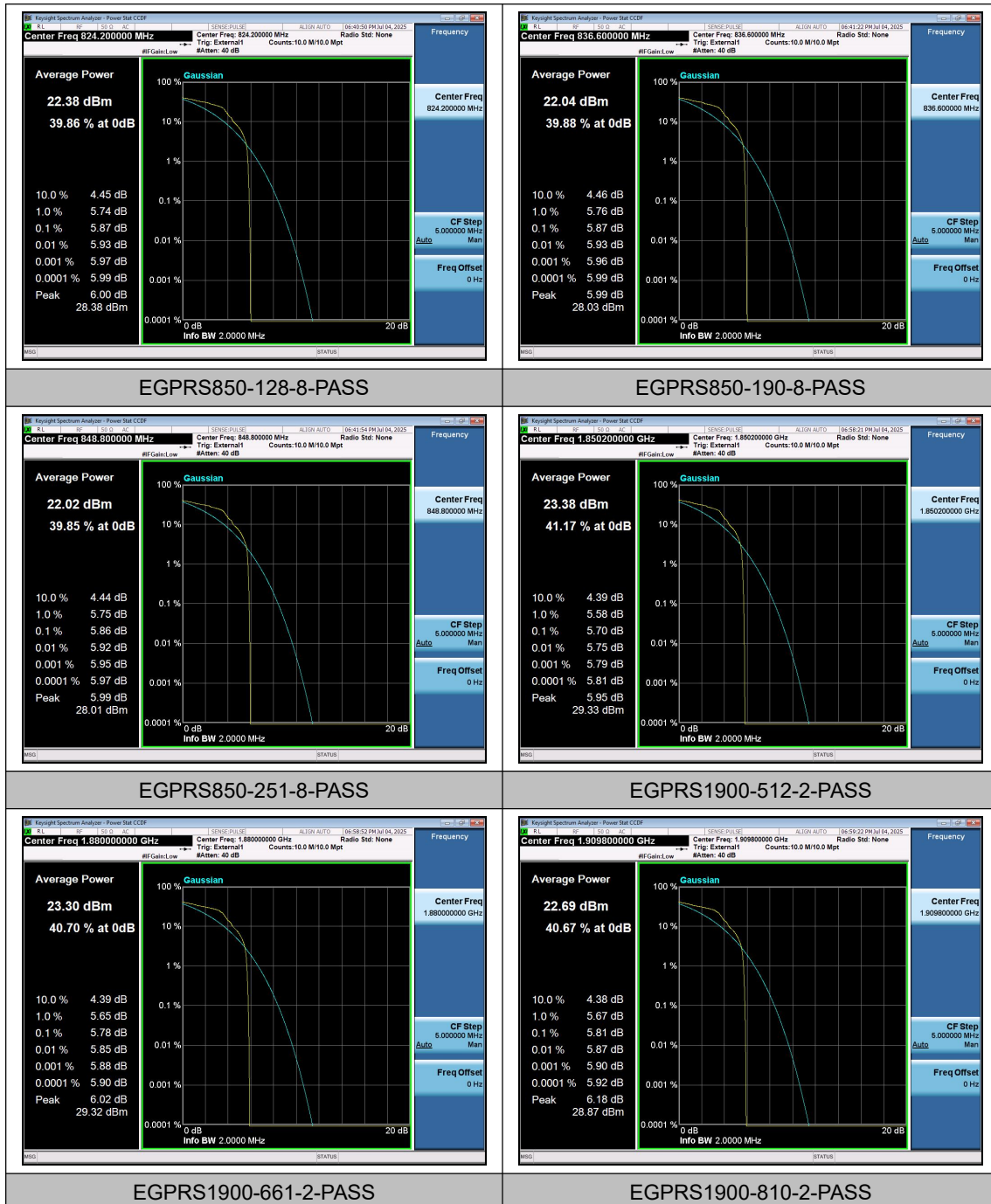
Band	Channel	Up Slot Num	Power(dBm)	Limit(dBm)	Verdict
EGPRS850	128	1	28.55	38.45	PASS
EGPRS850	128	2	28.18	38.45	PASS
EGPRS850	128	3	26.27	38.45	PASS
EGPRS850	128	4	25.64	38.45	PASS
EGPRS850	190	1	27.97	38.45	PASS
EGPRS850	190	2	27.54	38.45	PASS
EGPRS850	190	3	25.66	38.45	PASS
EGPRS850	190	4	25.00	38.45	PASS
EGPRS850	251	1	28.32	38.45	PASS
EGPRS850	251	2	28.00	38.45	PASS
EGPRS850	251	3	26.04	38.45	PASS
EGPRS850	251	4	25.38	38.45	PASS
EGPRS1900	512	1	26.08	33.00	PASS
EGPRS1900	512	2	25.31	33.00	PASS
EGPRS1900	512	3	24.02	33.00	PASS
EGPRS1900	512	4	23.16	33.00	PASS
EGPRS1900	661	1	25.87	33.00	PASS
EGPRS1900	661	2	25.09	33.00	PASS
EGPRS1900	661	3	23.80	33.00	PASS
EGPRS1900	661	4	22.93	33.00	PASS
EGPRS1900	810	1	25.12	33.00	PASS
EGPRS1900	810	2	24.34	33.00	PASS
EGPRS1900	810	3	23.05	33.00	PASS
EGPRS1900	810	4	22.24	33.00	PASS

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

Test Result

Band	Channel	Result(dB)	Limit(dB)	Verdict
EGPRS850	128	5.87	13	PASS
EGPRS850	190	5.87	13	PASS
EGPRS850	251	5.86	13	PASS
EGPRS1900	512	5.70	13	PASS
EGPRS1900	661	5.78	13	PASS
EGPRS1900	810	5.81	13	PASS

Test Graphs

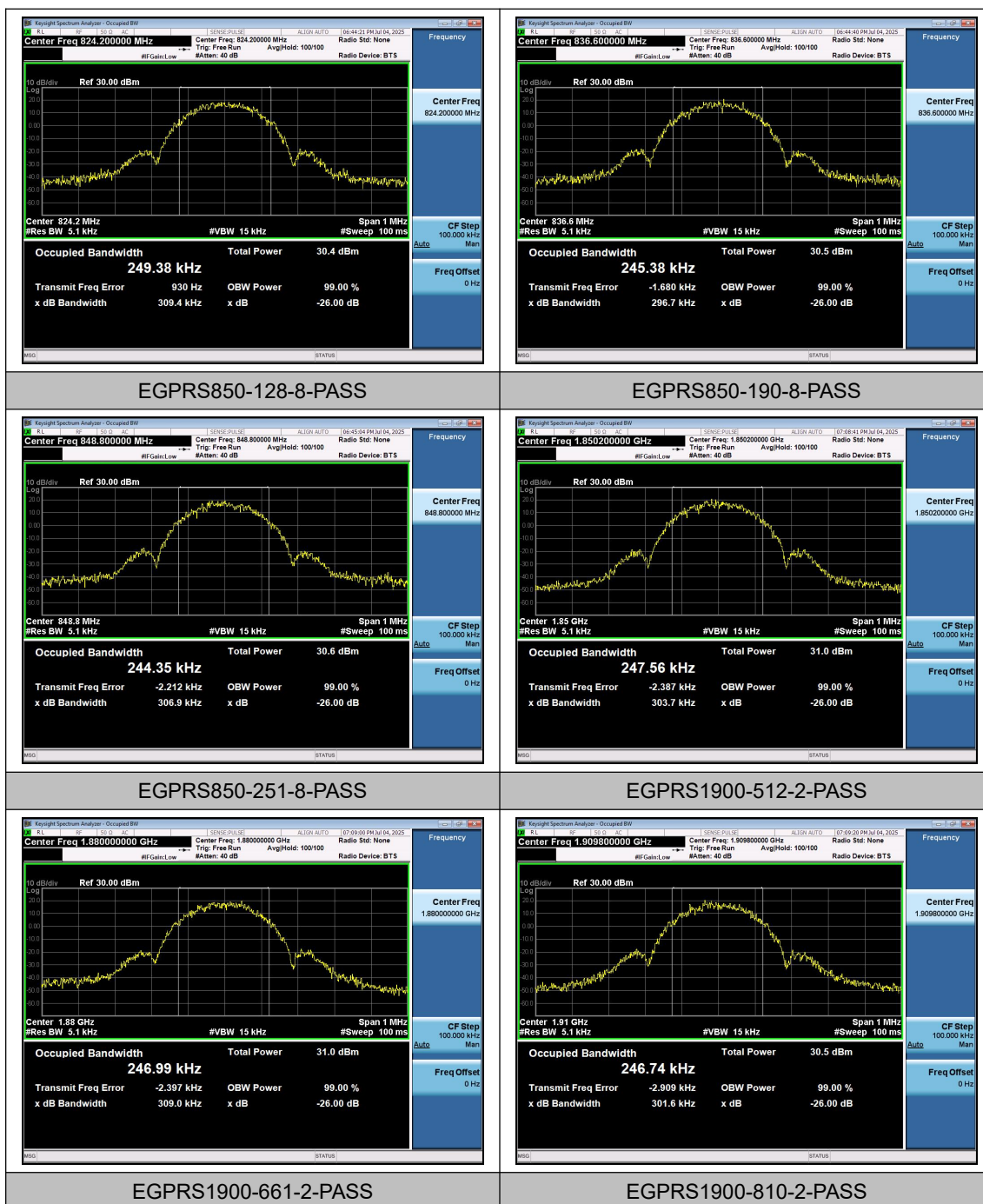


Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
EGPRS850	128	0.24938	0.3094	---	PASS
EGPRS850	190	0.24538	0.2967	---	PASS
EGPRS850	251	0.24435	0.3069	---	PASS
EGPRS1900	512	0.24756	0.3037	---	PASS
EGPRS1900	661	0.24699	0.3090	---	PASS
EGPRS1900	810	0.24674	0.3016	---	PASS

Test Graphs



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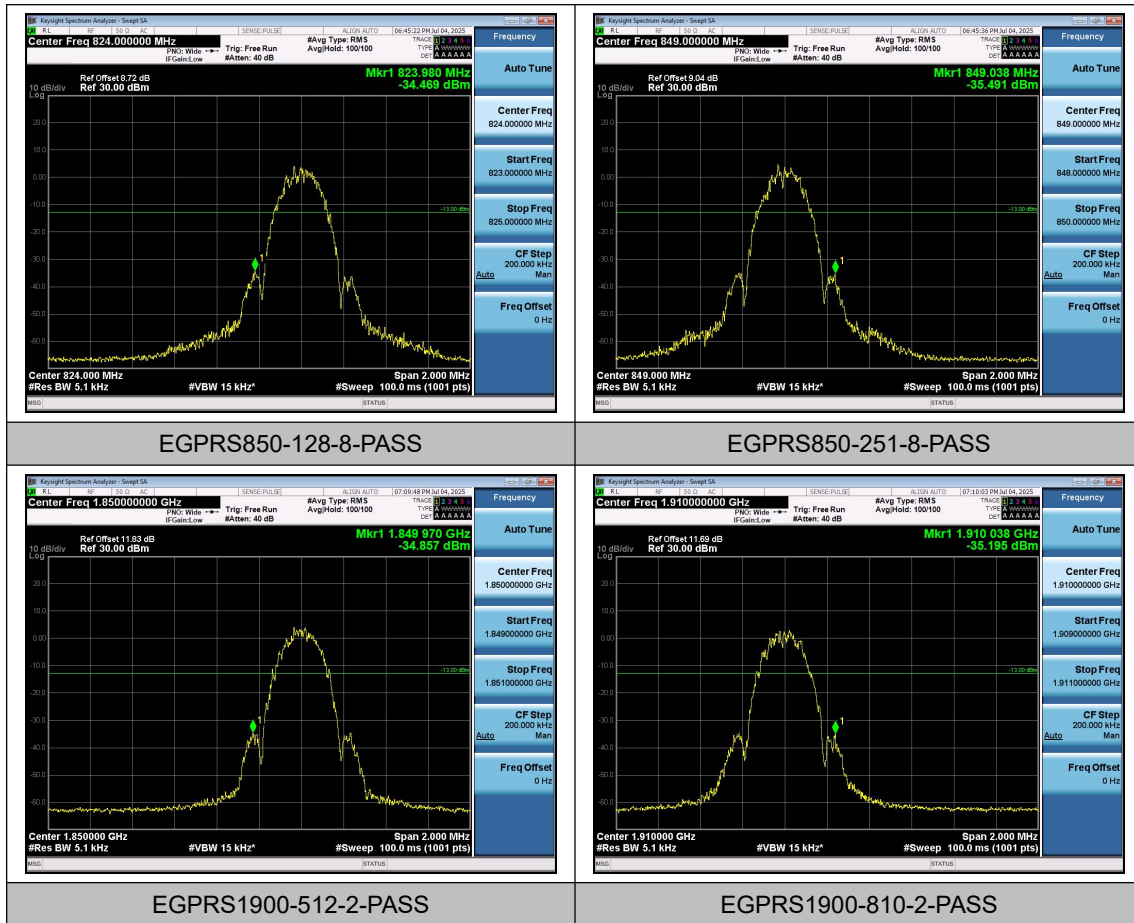
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Appendix D: Band Edge

Test Result

Band	Channel	Freq (MHz)	Result (dBm)	Limit(dBm)	Verdict
EGPRS850	128	823.98	-34.47	-13	PASS
EGPRS850	251	849.04	-35.49	-13	PASS
EGPRS1900	512	1849.97	-34.86	-13	PASS
EGPRS1900	810	1910.04	-35.20	-13	PASS

Test Graphs



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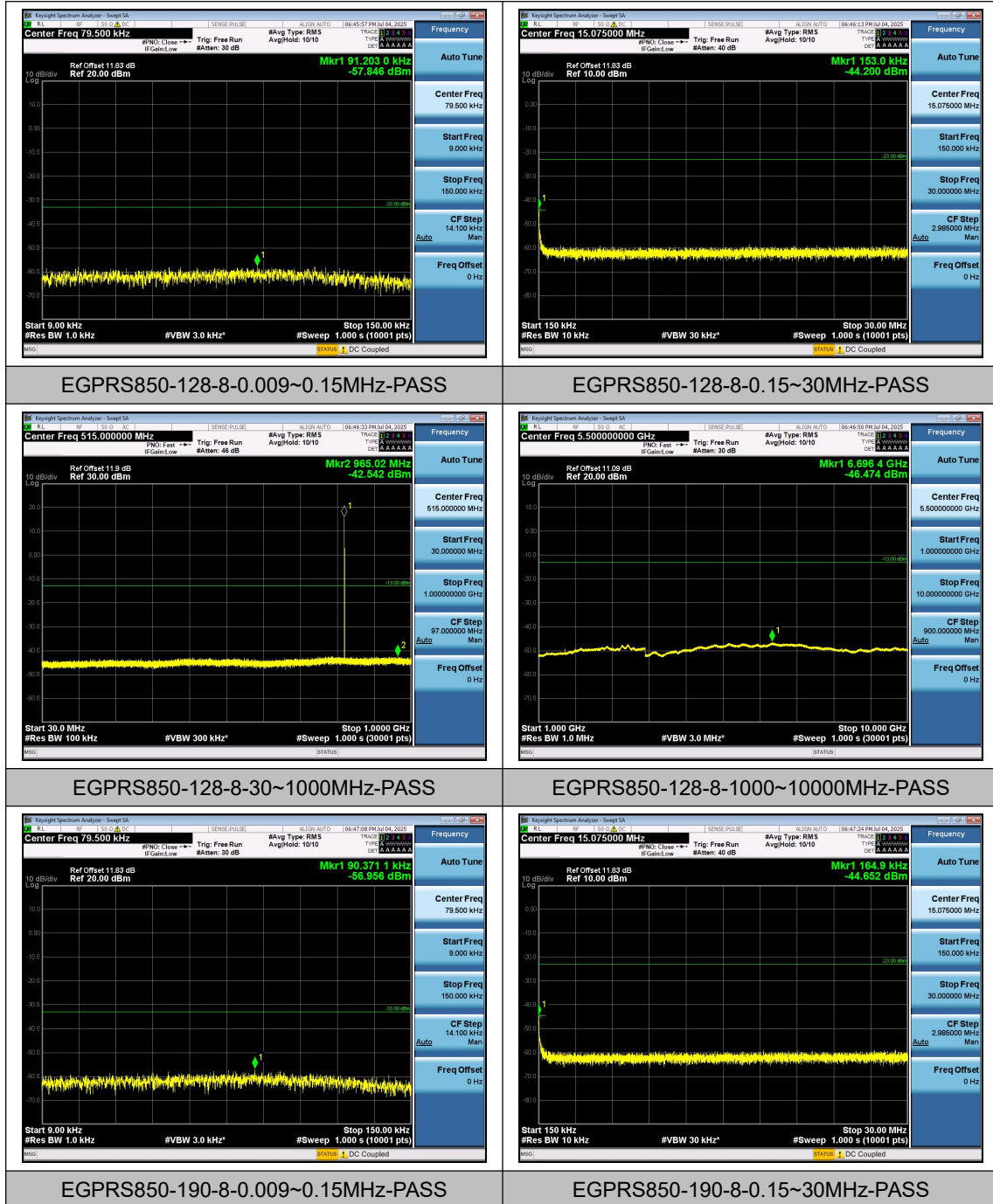
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Appendix E: Conducted Spurious Emission

Test Result

Band	Channel	Frequency Range(MHz)	Max.Freq. (MHz)	Result (dBm)	Limit (dBm)	Verdict
EGPRS850	128	0.009~0.15MHz	0.09	-57.85	-33	PASS
EGPRS850	128	0.15~30MHz	0.15	-44.2	-23	PASS
EGPRS850	128	30~1000MHz	965.02	-42.54	-13	PASS
EGPRS850	128	1000~10000MHz	6696.4	-46.47	-13	PASS
EGPRS850	190	0.009~0.15MHz	0.09	-56.96	-33	PASS
EGPRS850	190	0.15~30MHz	0.16	-44.65	-23	PASS
EGPRS850	190	30~1000MHz	940.77	-42.28	-13	PASS
EGPRS850	190	1000~10000MHz	6693.4	-46.49	-13	PASS
EGPRS850	251	0.009~0.15MHz	0.1	-57.18	-33	PASS
EGPRS850	251	0.15~30MHz	0.15	-45.21	-23	PASS
EGPRS850	251	30~1000MHz	434.07	-42.26	-13	PASS
EGPRS850	251	1000~10000MHz	6713.8	-46.49	-13	PASS
EGPRS1900	512	0.009~0.15MHz	0.09	-57.76	-43	PASS
EGPRS1900	512	0.15~30MHz	0.15	-44.31	-33	PASS
EGPRS1900	512	30~1000MHz	789.54	-39.66	-13	PASS
EGPRS1900	512	1000~3000MHz	2686.33	-31.83	-13	PASS
EGPRS1900	512	3000~18000MHz	16604.5	-42.4	-13	PASS
EGPRS1900	661	0.009~0.15MHz	0.09	-57.08	-43	PASS
EGPRS1900	661	0.15~30MHz	0.15	-43.9	-33	PASS
EGPRS1900	661	30~1000MHz	778.87	-39.64	-13	PASS
EGPRS1900	661	1000~3000MHz	2680.13	-31.87	-13	PASS
EGPRS1900	661	3000~18000MHz	16580	-42.36	-13	PASS
EGPRS1900	810	0.009~0.15MHz	0.1	-57.47	-43	PASS
EGPRS1900	810	0.15~30MHz	0.16	-42.67	-33	PASS
EGPRS1900	810	30~1000MHz	781.49	-39.63	-13	PASS
EGPRS1900	810	1000~3000MHz	2684.93	-32	-13	PASS
EGPRS1900	810	3000~18000MHz	16533.5	-42.43	-13	PASS

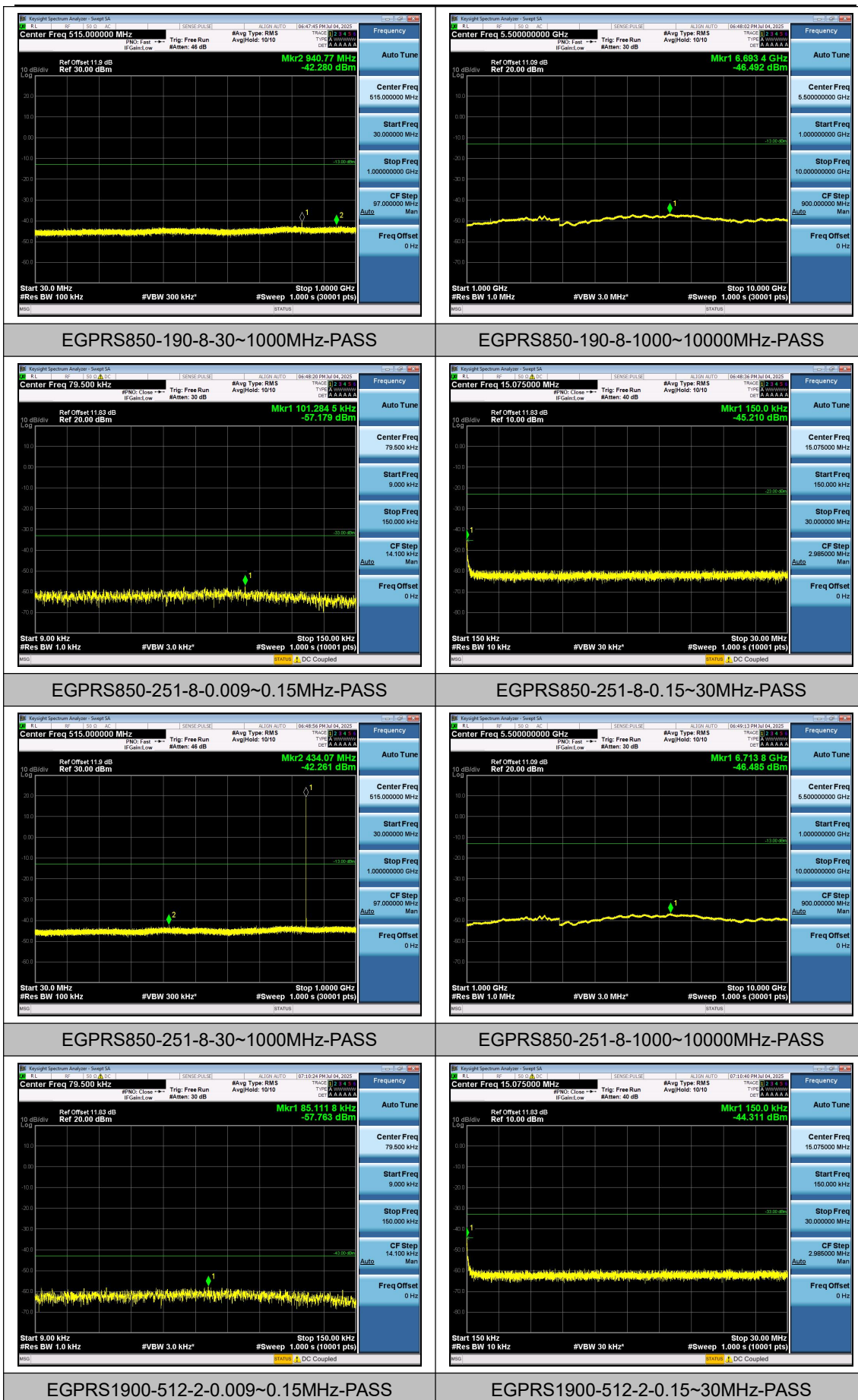
Test Graphs

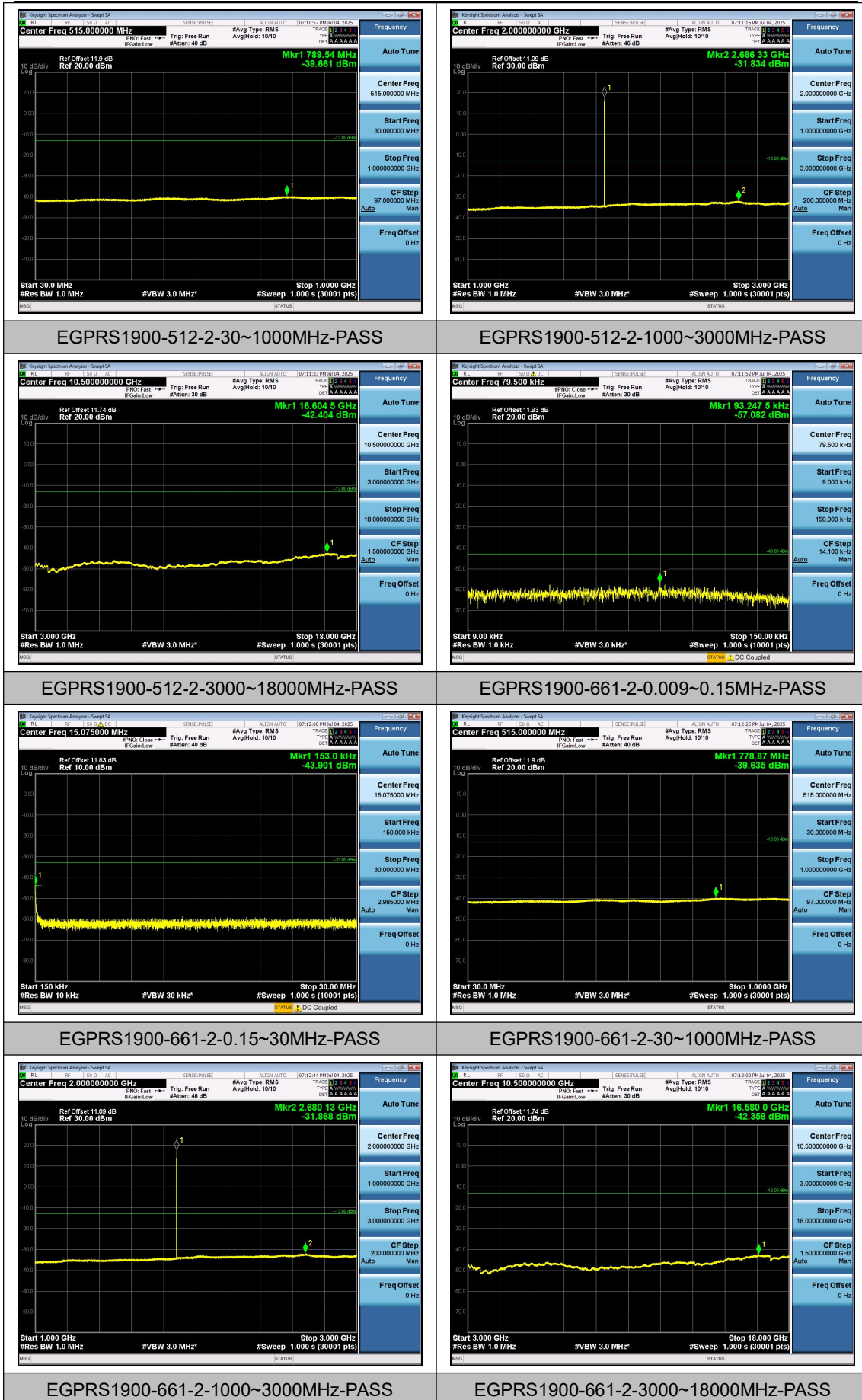


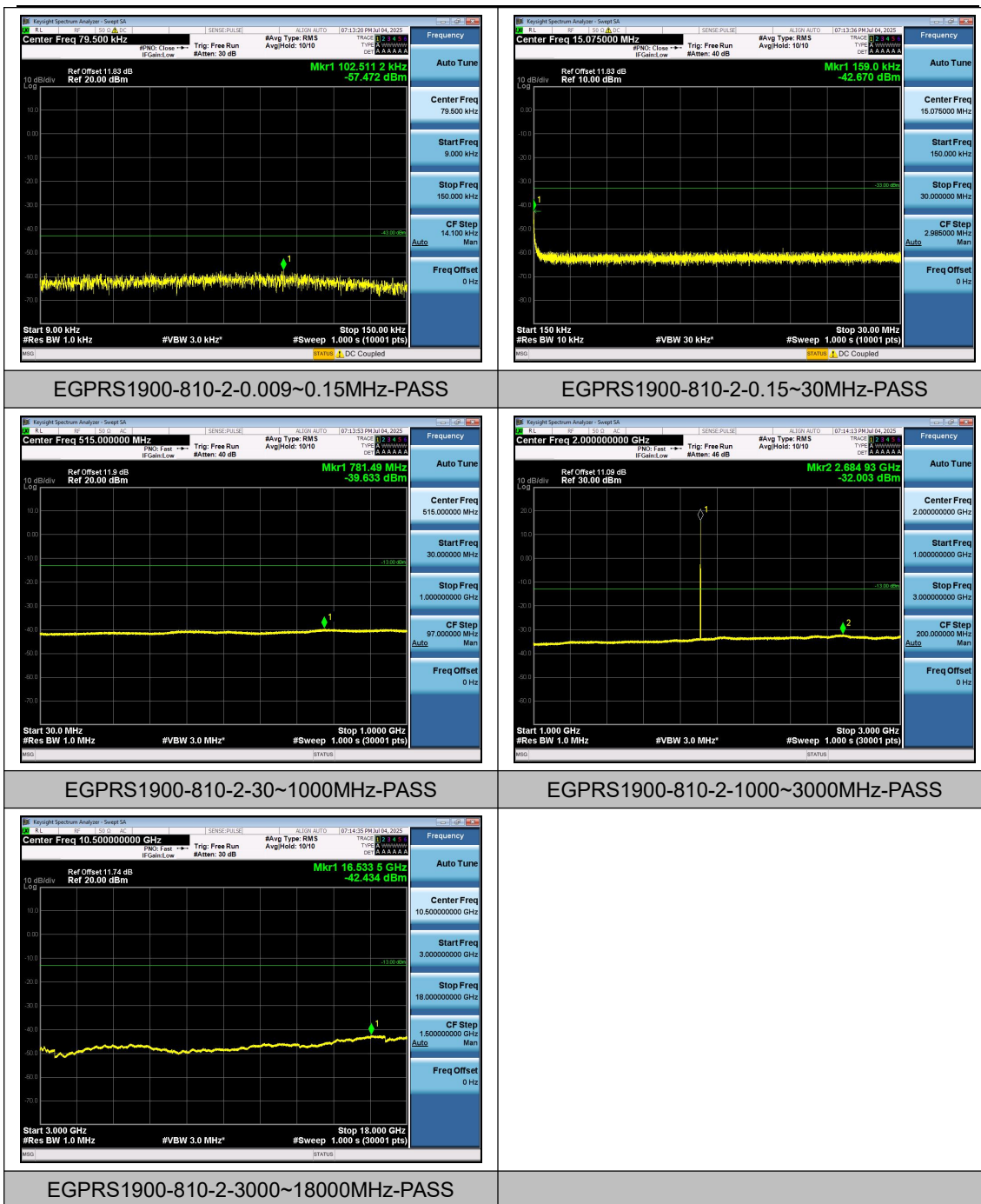
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Appendix F: Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
EGPRS850	128	VN	NT	16.76	0.020335	±2.5	PASS
EGPRS850	128	VL	NT	19.40	0.023538	±2.5	PASS
EGPRS850	128	VH	NT	14.98	0.018175	±2.5	PASS
EGPRS850	190	VN	NT	20.40	0.024384	±2.5	PASS
EGPRS850	190	VL	NT	21.99	0.026285	±2.5	PASS
EGPRS850	190	VH	NT	21.28	0.025436	±2.5	PASS
EGPRS850	251	VN	NT	21.11	0.024870	±2.5	PASS
EGPRS850	251	VL	NT	18.24	0.021489	±2.5	PASS
EGPRS850	251	VH	NT	22.18	0.026131	±2.5	PASS
EGPRS1900	512	VN	NT	-1300.00	-0.702627	±2.5	PASS
EGPRS1900	512	VL	NT	-670.00	-0.362123	±2.5	PASS
EGPRS1900	512	VH	NT	-3420.00	-1.848449	±2.5	PASS
EGPRS1900	661	VN	NT	-1300.00	-0.691489	±2.5	PASS
EGPRS1900	661	VL	NT	-1120.00	-0.595745	±2.5	PASS
EGPRS1900	661	VH	NT	-2810.00	-1.494681	±2.5	PASS
EGPRS1900	810	VN	NT	-4300.00	-2.251545	±2.5	PASS
EGPRS1900	810	VL	NT	-4110.00	-2.152058	±2.5	PASS
EGPRS1900	810	VH	NT	-1080.00	-0.565504	±2.5	PASS

Temperature							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
EGPRS850	128	NV	-30	18.63	0.022604	±2.5	PASS
EGPRS850	128	NV	-20	18.89	0.022919	±2.5	PASS
EGPRS850	128	NV	-10	21.24	0.025770	±2.5	PASS
EGPRS850	128	NV	0	22.41	0.027190	±2.5	PASS
EGPRS850	128	NV	10	22.34	0.027105	±2.5	PASS
EGPRS850	128	NV	20	15.40	0.018685	±2.5	PASS
EGPRS850	128	NV	30	23.21	0.028161	±2.5	PASS
EGPRS850	128	NV	40	19.92	0.024169	±2.5	PASS
EGPRS850	128	NV	50	24.34	0.029532	±2.5	PASS
EGPRS850	190	NV	-30	16.85	0.020141	±2.5	PASS
EGPRS850	190	NV	-20	19.34	0.023117	±2.5	PASS
EGPRS850	190	NV	-10	17.24	0.020607	±2.5	PASS
EGPRS850	190	NV	0	16.89	0.020189	±2.5	PASS
EGPRS850	190	NV	10	17.01	0.020332	±2.5	PASS
EGPRS850	190	NV	20	16.59	0.019830	±2.5	PASS
EGPRS850	190	NV	30	22.08	0.026393	±2.5	PASS
EGPRS850	190	NV	40	22.86	0.027325	±2.5	PASS
EGPRS850	190	NV	50	19.47	0.023273	±2.5	PASS
EGPRS850	251	NV	-30	23.18	0.027309	±2.5	PASS
EGPRS850	251	NV	-20	23.08	0.027191	±2.5	PASS
EGPRS850	251	NV	-10	17.11	0.020158	±2.5	PASS
EGPRS850	251	NV	0	19.57	0.023056	±2.5	PASS
EGPRS850	251	NV	10	23.89	0.028146	±2.5	PASS
EGPRS850	251	NV	20	20.37	0.023999	±2.5	PASS
EGPRS850	251	NV	30	20.89	0.024611	±2.5	PASS
EGPRS850	251	NV	40	24.67	0.029065	±2.5	PASS
EGPRS850	251	NV	50	16.98	0.020005	±2.5	PASS
EGPRS1900	512	NV	-30	-3080.00	-1.664685	±2.5	PASS
EGPRS1900	512	NV	-20	1000.00	0.540482	±2.5	PASS
EGPRS1900	512	NV	-10	200.00	0.108096	±2.5	PASS
EGPRS1900	512	NV	0	-1420.00	-0.767485	±2.5	PASS
EGPRS1900	512	NV	10	-3560.00	-1.924116	±2.5	PASS
EGPRS1900	512	NV	20	-690.00	-0.372933	±2.5	PASS
EGPRS1900	512	NV	30	-5410.00	-2.324008	±2.5	PASS
EGPRS1900	512	NV	40	-1640.00	-0.886391	±2.5	PASS
EGPRS1900	512	NV	50	-580.00	-0.313480	±2.5	PASS
EGPRS1900	661	NV	-30	-3390.00	-1.803191	±2.5	PASS
EGPRS1900	661	NV	-20	-2290.00	-1.218085	±2.5	PASS

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EGPRS1900	661	NV	-10	-3820.00	-2.031915	±2.5	PASS
EGPRS1900	661	NV	0	-4610.00	-2.452128	±2.5	PASS
EGPRS1900	661	NV	10	-1820.00	-0.968085	±2.5	PASS
EGPRS1900	661	NV	20	380.00	0.202128	±2.5	PASS
EGPRS1900	661	NV	30	-260.00	-0.138298	±2.5	PASS
EGPRS1900	661	NV	40	-3430.00	-1.824468	±2.5	PASS
EGPRS1900	661	NV	50	-1060.00	-0.563830	±2.5	PASS
EGPRS1900	810	NV	-30	-3950.00	-2.068279	±2.5	PASS
EGPRS1900	810	NV	-20	-3700.00	-1.937376	±2.5	PASS
EGPRS1900	810	NV	-10	-230.00	-0.120431	±2.5	PASS
EGPRS1900	810	NV	0	-170.00	-0.089015	±2.5	PASS
EGPRS1900	810	NV	10	-3000.00	-1.570845	±2.5	PASS
EGPRS1900	810	NV	20	-1000.00	-0.523615	±2.5	PASS
EGPRS1900	810	NV	30	-2080.00	-1.089119	±2.5	PASS
EGPRS1900	810	NV	40	-2050.00	-1.073411	±2.5	PASS
EGPRS1900	810	NV	50	-2600.00	-1.361399	±2.5	PASS

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