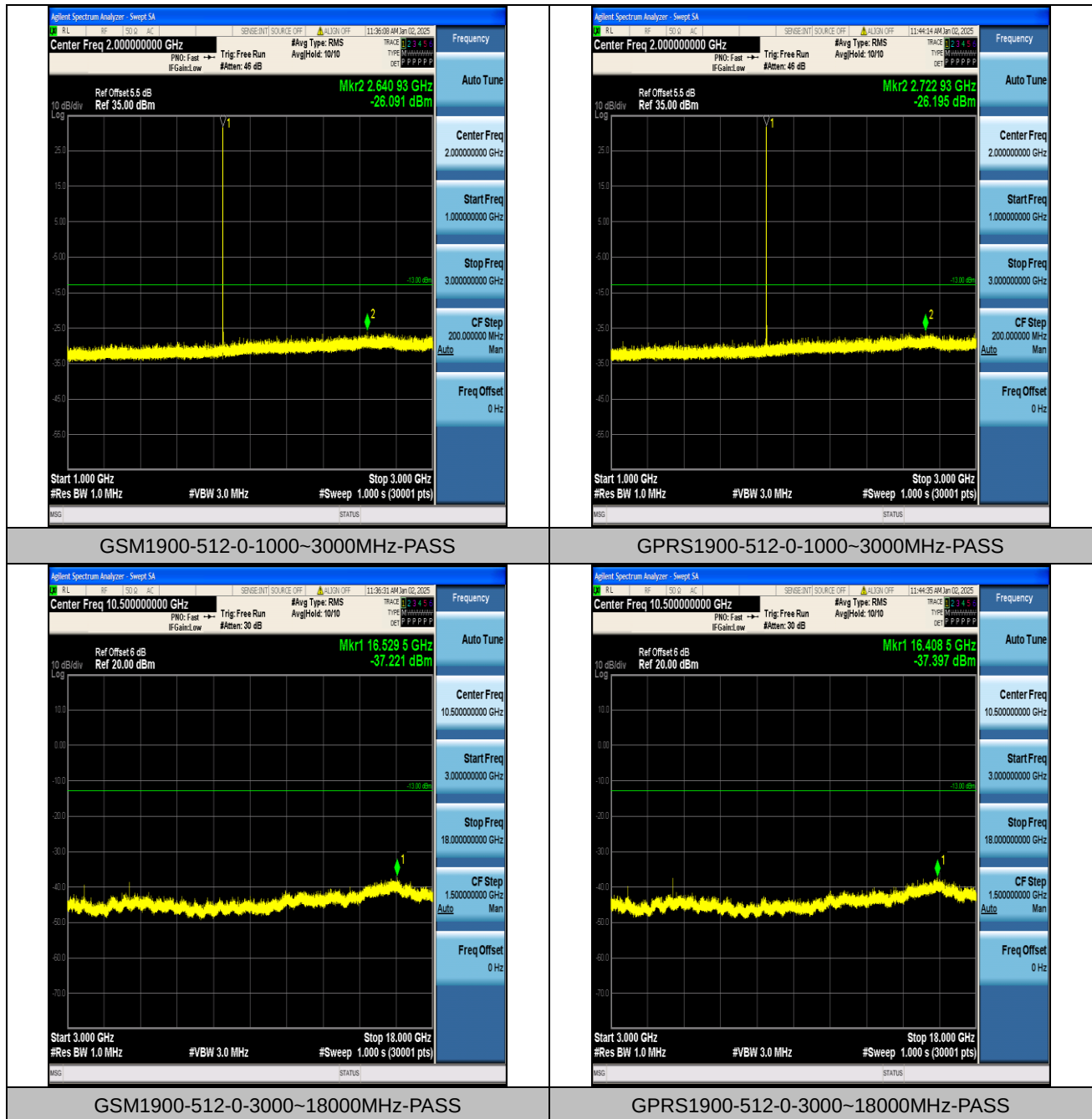
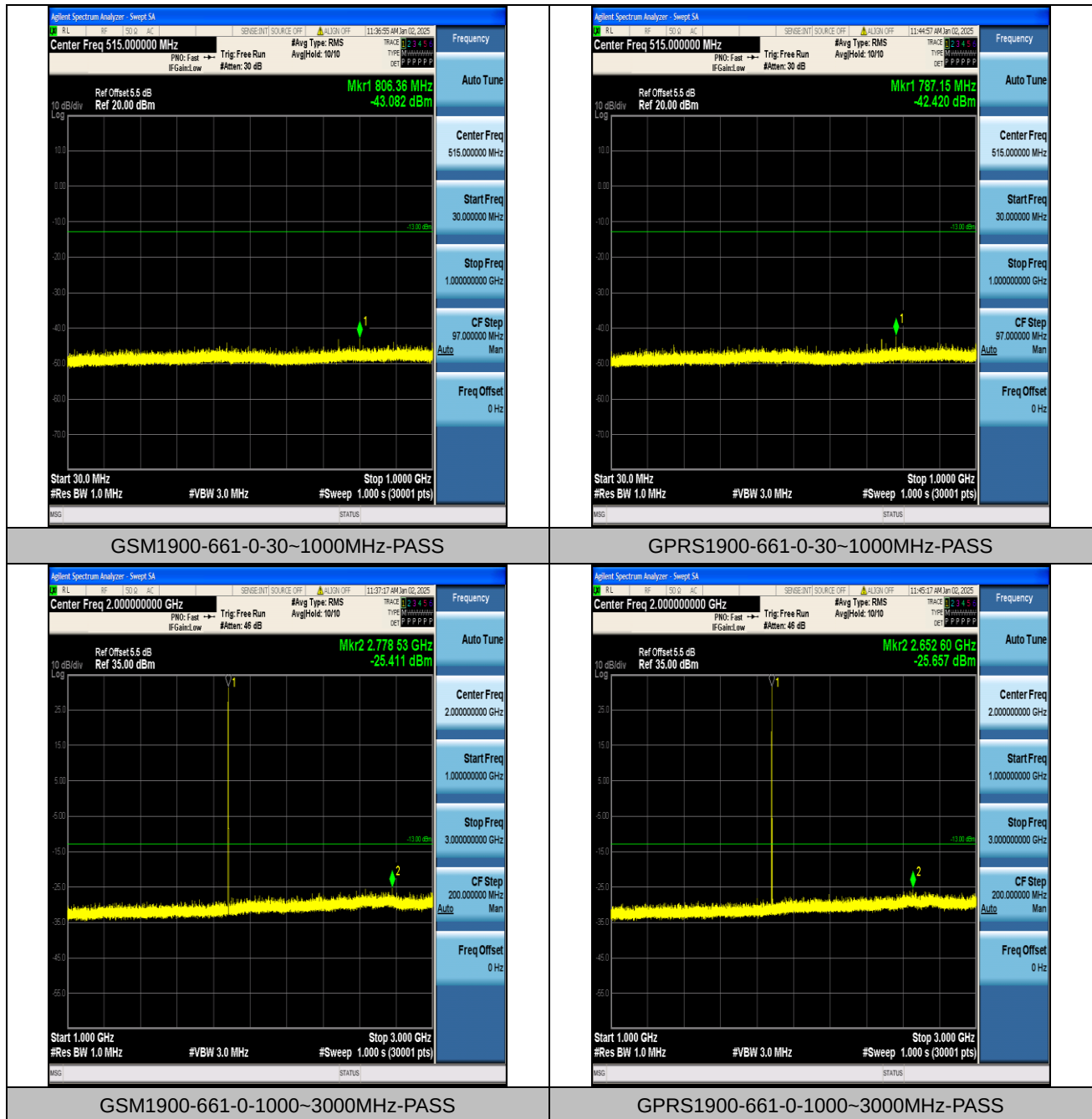
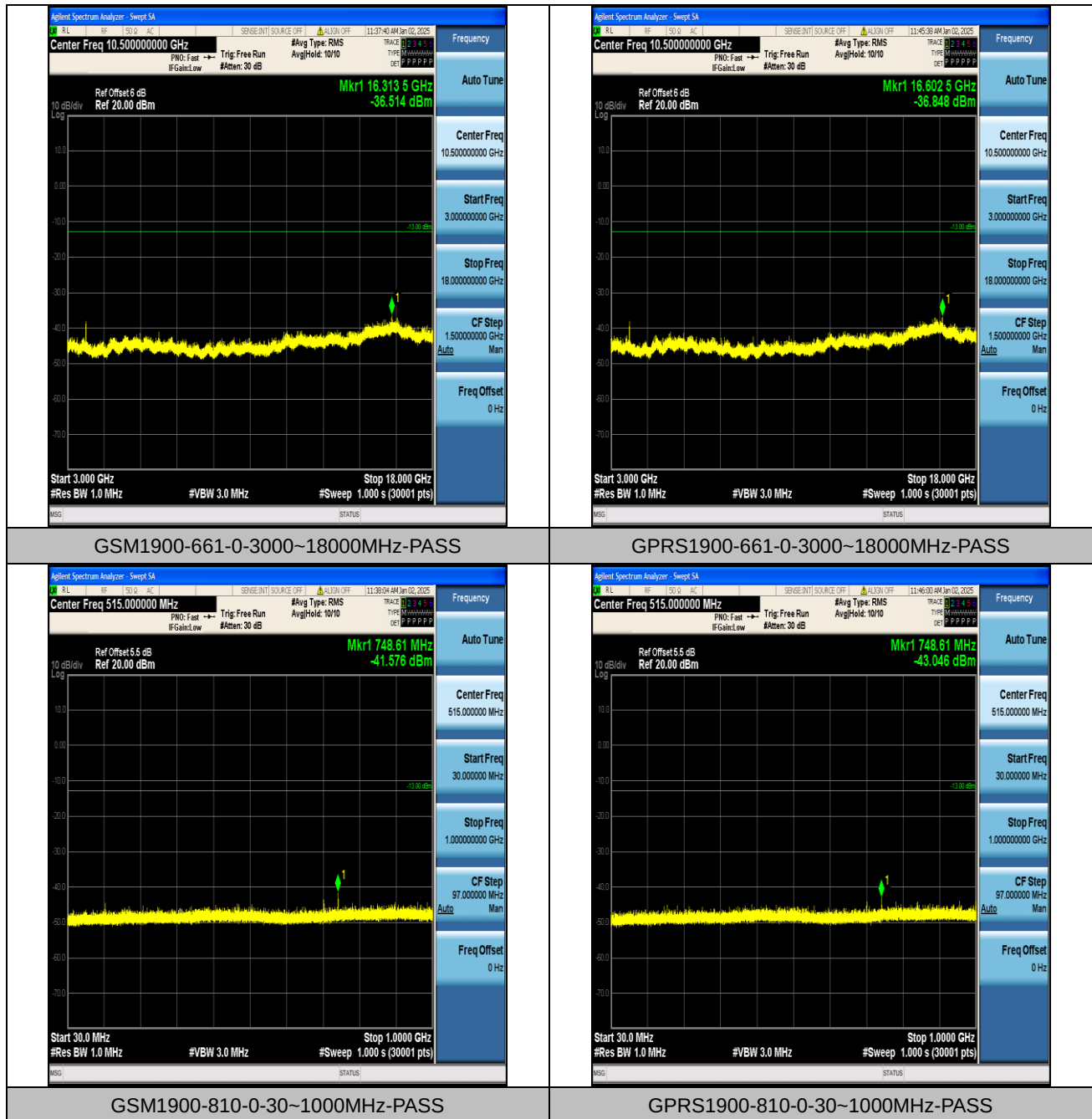
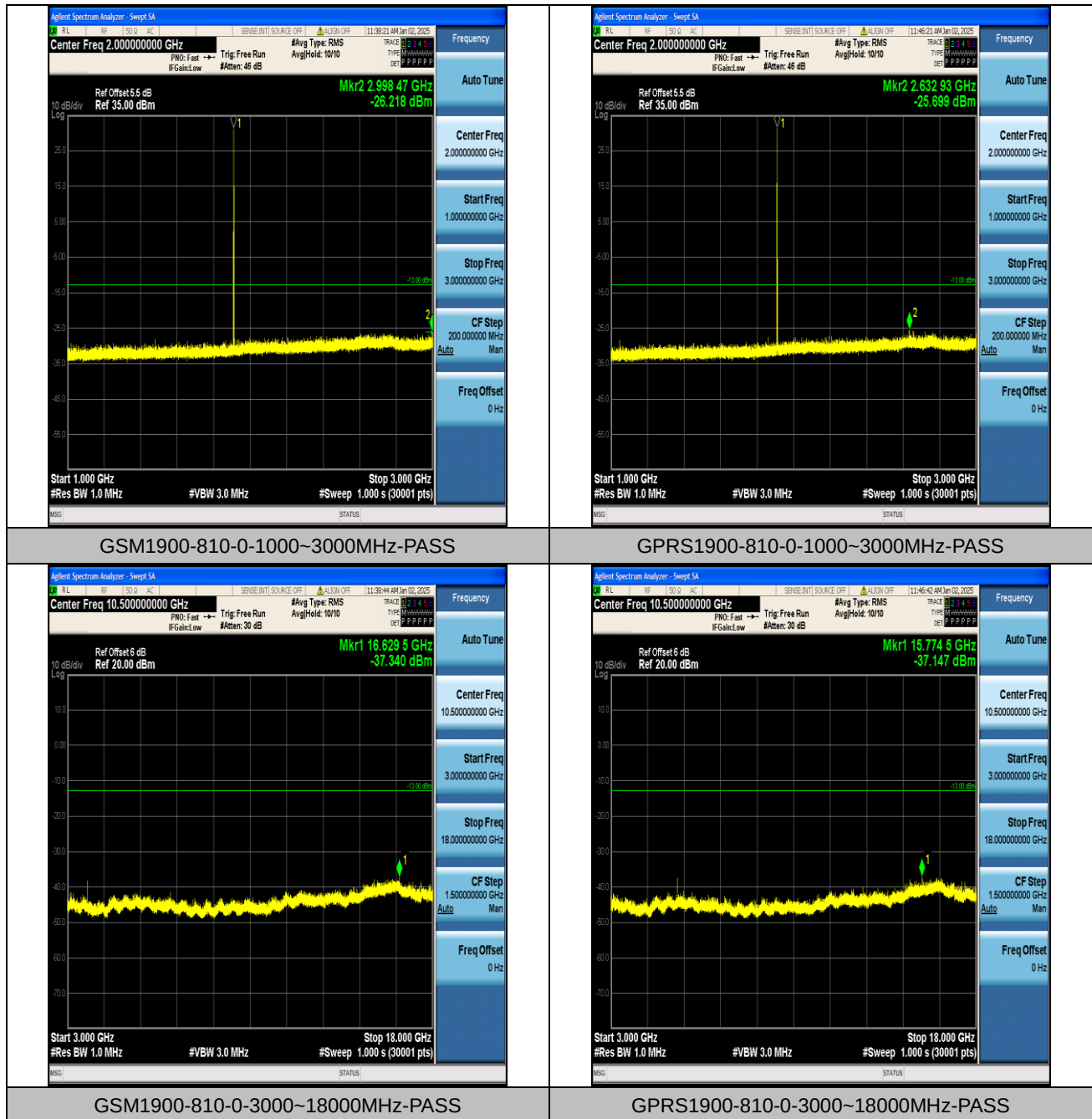
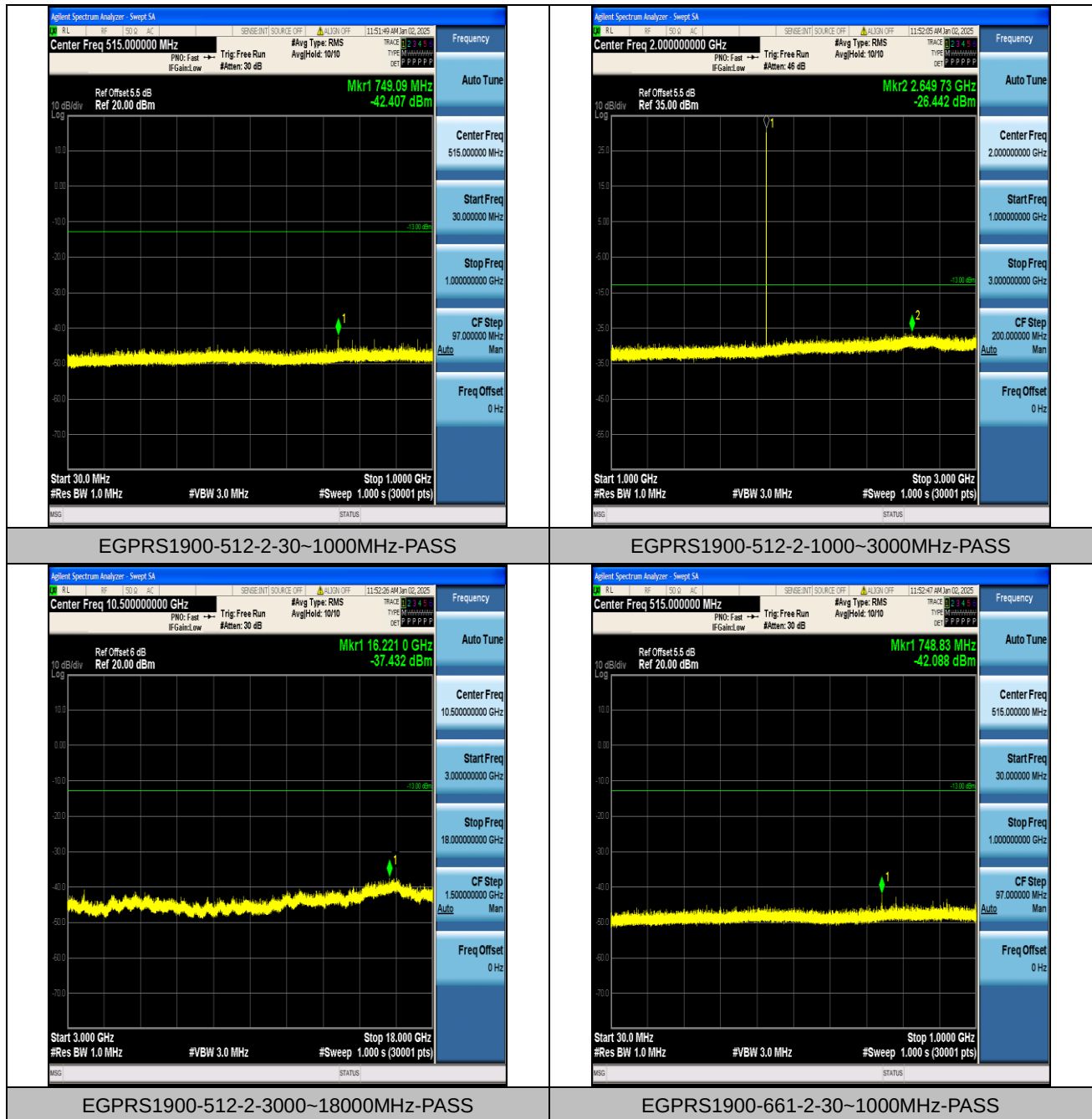


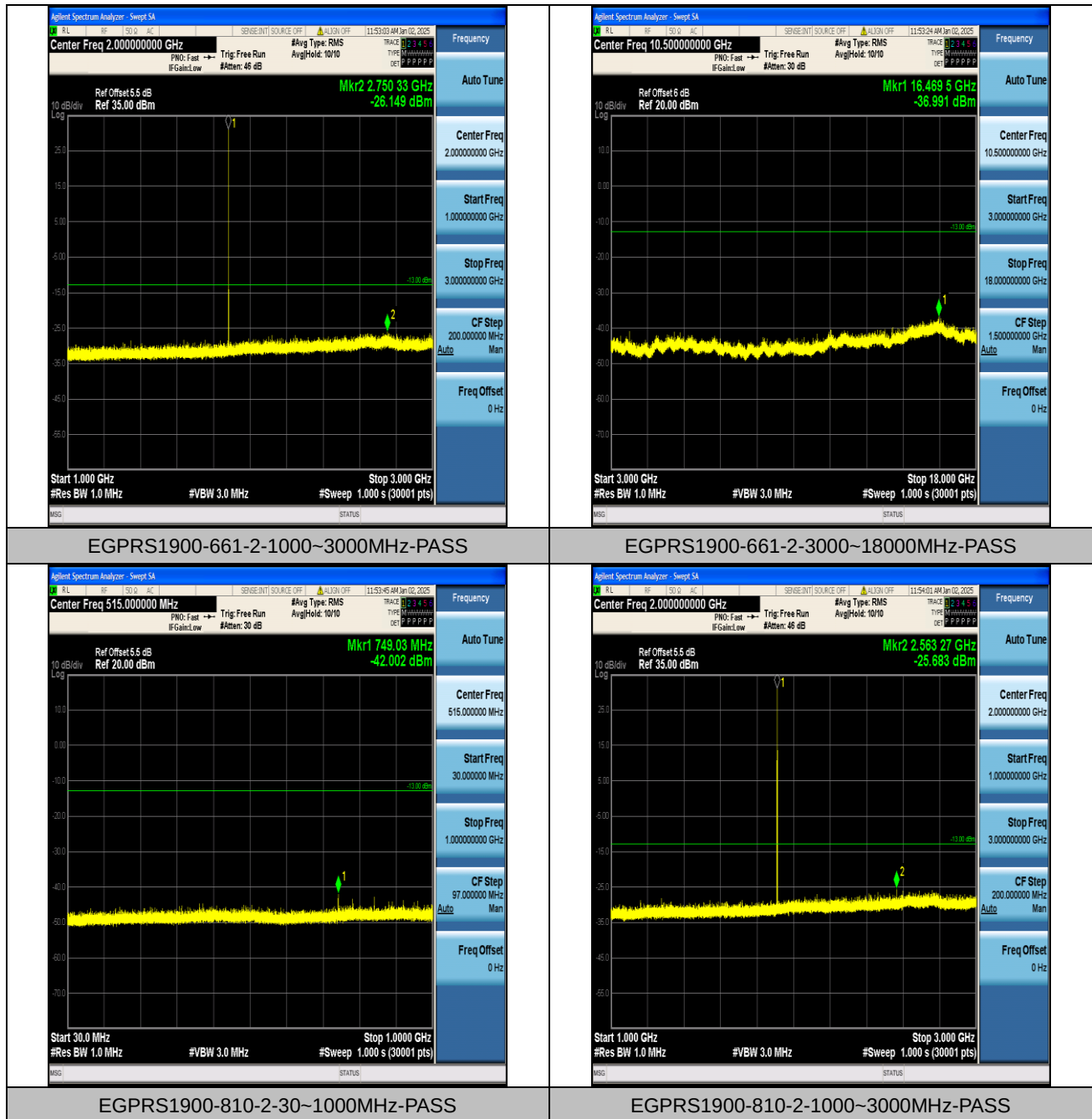


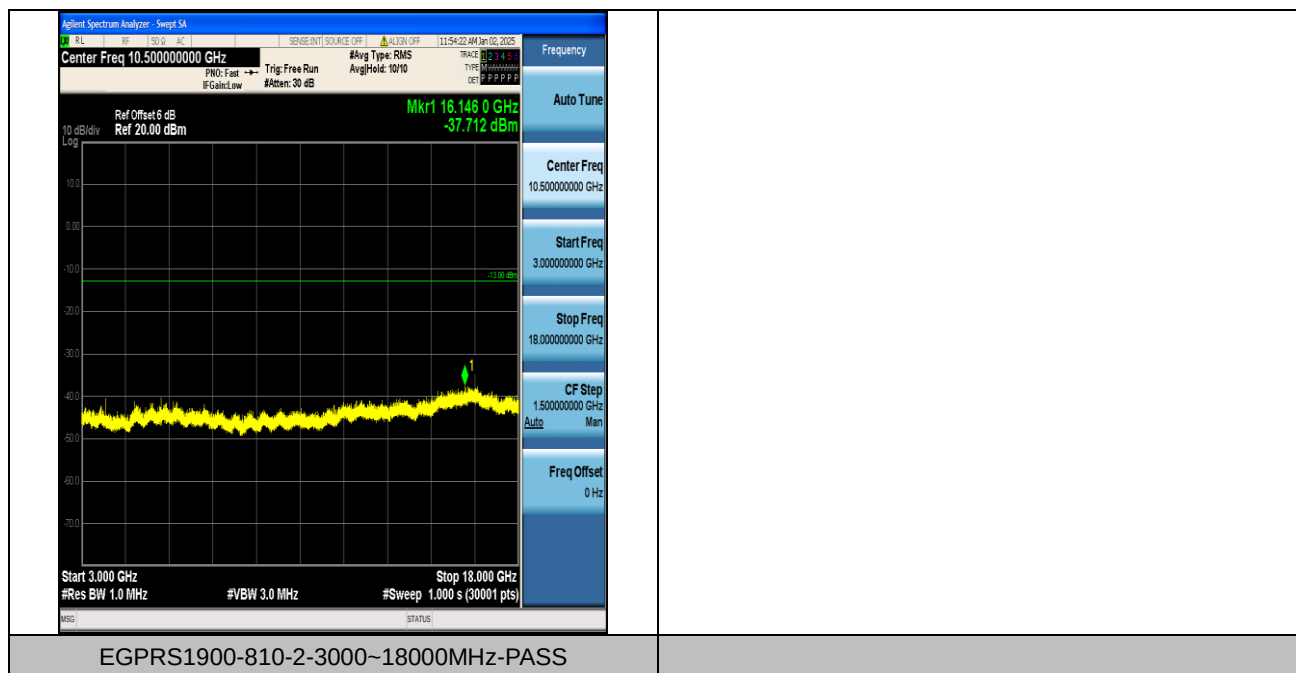












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APPENDIX A5: FREQUENCY STABILITY

Test Result

Voltage							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	190	VN	NT	6.33	0.007566	±2.5	PASS
GSM850	190	VL	NT	4.58	0.005475	±2.5	PASS
GSM850	190	VH	NT	1.78	0.002128	±2.5	PASS
EGPRS850	190	VN	NT	23.02	0.027516	±2.5	PASS
EGPRS850	190	VL	NT	22.18	0.026512	±2.5	PASS
EGPRS850	190	VH	NT	25.12	0.030026	±2.5	PASS
GSM1900	661	VN	NT	-9.85	-0.005239	±2.5	PASS
GSM1900	661	VL	NT	-13.79	-0.007335	±2.5	PASS
GSM1900	661	VH	NT	-8.46	-0.004500	±2.5	PASS
EGPRS1900	661	VN	NT	5.97	0.003176	±2.5	PASS
EGPRS1900	661	VL	NT	3.65	0.001941	±2.5	PASS
EGPRS1900	661	VH	NT	8.07	0.004293	±2.5	PASS
Temperature							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	190	NV	-30	4.88	0.005833	±2.5	PASS
GSM850	190	NV	-20	4.65	0.005558	±2.5	PASS
GSM850	190	NV	-10	6.59	0.007877	±2.5	PASS
GSM850	190	NV	0	4.04	0.004829	±2.5	PASS
GSM850	190	NV	10	2.26	0.002701	±2.5	PASS
GSM850	190	NV	20	5.26	0.006287	±2.5	PASS
GSM850	190	NV	30	3.07	0.003670	±2.5	PASS
GSM850	190	NV	40	2.97	0.003550	±2.5	PASS
GSM850	190	NV	50	5.55	0.006634	±2.5	PASS
EGPRS850	190	NV	-30	23.79	0.028437	±2.5	PASS
EGPRS850	190	NV	-20	24.47	0.029249	±2.5	PASS
EGPRS850	190	NV	-10	22.57	0.026978	±2.5	PASS
EGPRS850	190	NV	0	24.89	0.029751	±2.5	PASS
EGPRS850	190	NV	10	21.50	0.025699	±2.5	PASS
EGPRS850	190	NV	20	25.57	0.030564	±2.5	PASS
EGPRS850	190	NV	30	22.31	0.026667	±2.5	PASS
EGPRS850	190	NV	40	23.63	0.028245	±2.5	PASS
EGPRS850	190	NV	50	23.31	0.027863	±2.5	PASS
GSM1900	661	NV	-30	-8.98	-0.004777	±2.5	PASS
GSM1900	661	NV	-20	-11.14	-0.005926	±2.5	PASS
GSM1900	661	NV	-10	-7.17	-0.003814	±2.5	PASS
GSM1900	661	NV	0	-13.50	-0.007181	±2.5	PASS
GSM1900	661	NV	10	-10.75	-0.005718	±2.5	PASS
GSM1900	661	NV	20	-7.33	-0.003899	±2.5	PASS
GSM1900	661	NV	30	-7.26	-0.003862	±2.5	PASS
GSM1900	661	NV	40	-10.88	-0.005787	±2.5	PASS
GSM1900	661	NV	50	-9.36	-0.004979	±2.5	PASS
EGPRS1900	661	NV	-30	4.55	0.002420	±2.5	PASS
EGPRS1900	661	NV	-20	6.46	0.003436	±2.5	PASS
EGPRS1900	661	NV	-10	8.56	0.004553	±2.5	PASS
EGPRS1900	661	NV	0	5.75	0.003059	±2.5	PASS
EGPRS1900	661	NV	10	6.30	0.003351	±2.5	PASS
EGPRS1900	661	NV	20	5.00	0.002660	±2.5	PASS
EGPRS1900	661	NV	30	3.00	0.001596	±2.5	PASS
EGPRS1900	661	NV	40	7.65	0.004069	±2.5	PASS
EGPRS1900	661	NV	50	4.58	0.002436	±2.5	PASS

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