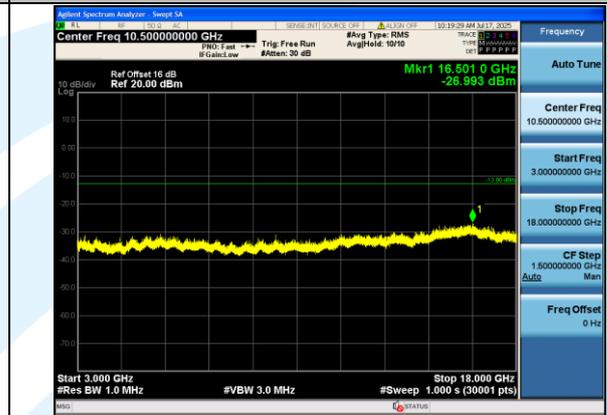


GSM1900-512-0-1000~3000MHz-PASS

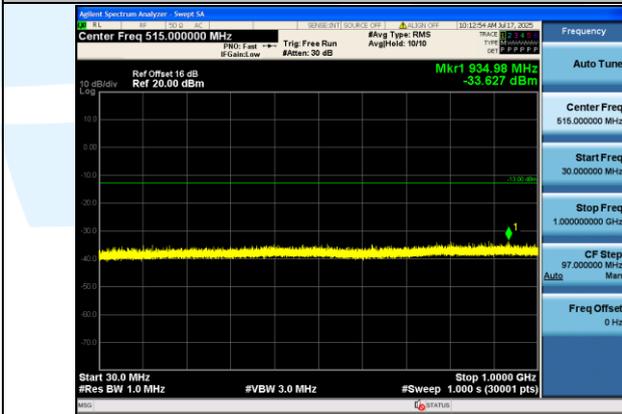
GPRS1900-512-0-1000~3000MHz-PASS



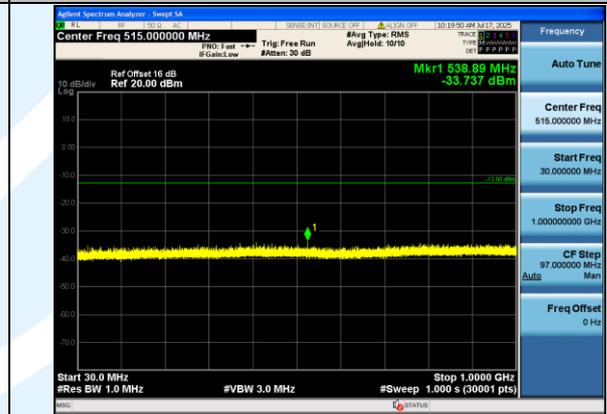
GSM1900-512-0-3000~18000MHz-PASS



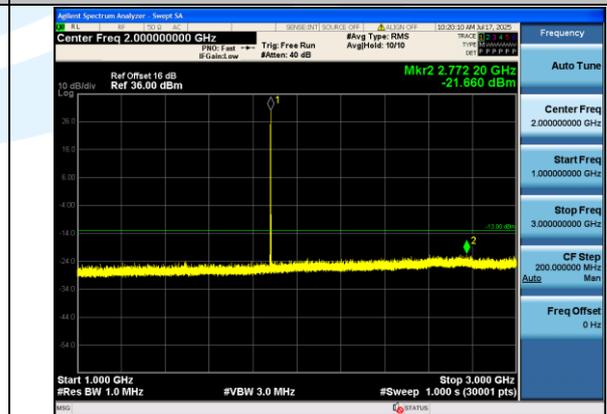
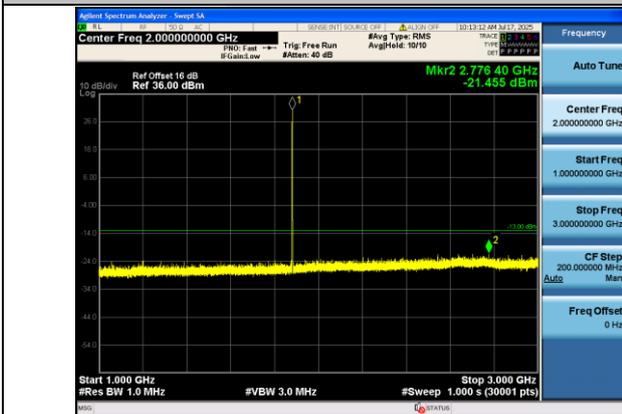
GPRS1900-512-0-3000~18000MHz-PASS

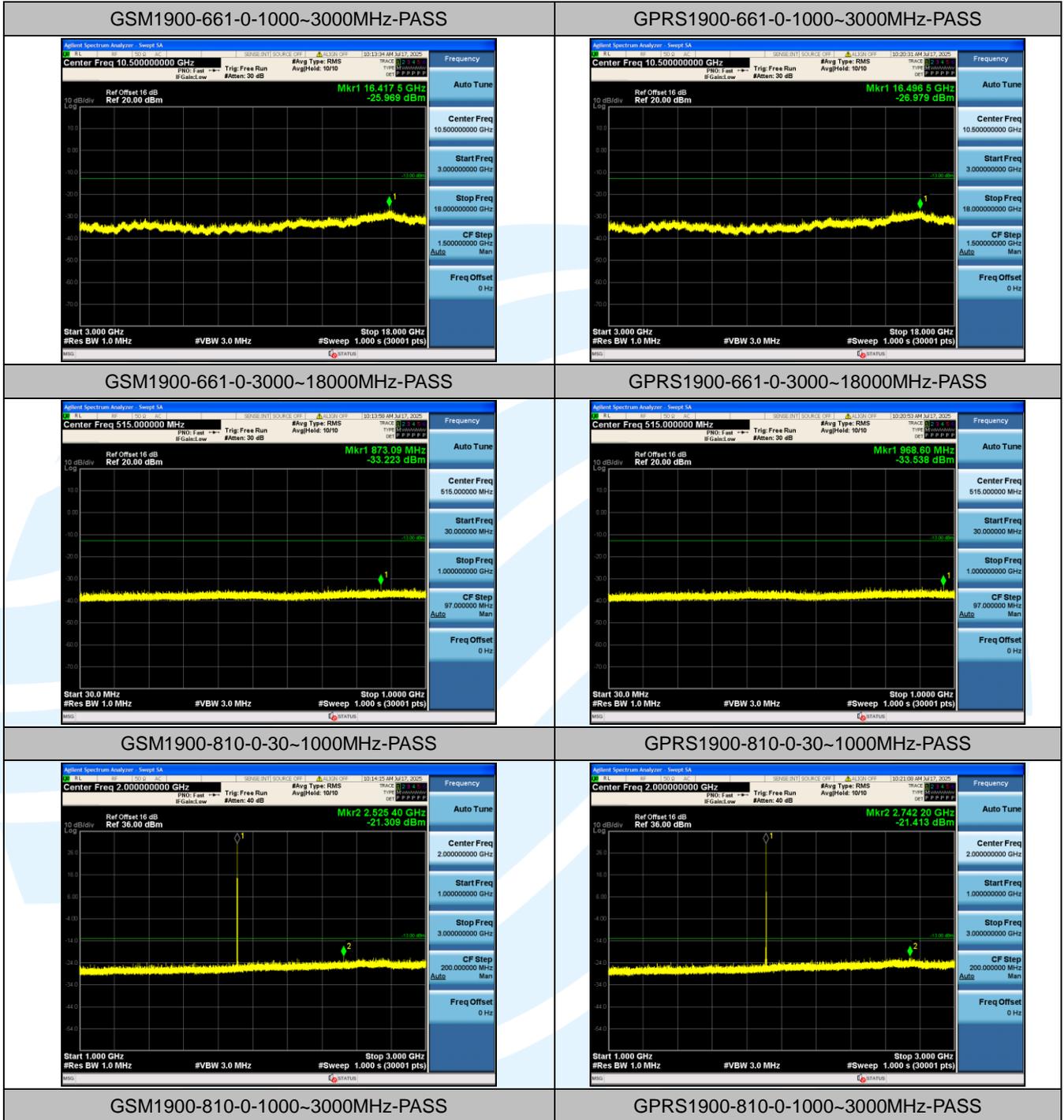


GSM1900-661-0-30~1000MHz-PASS



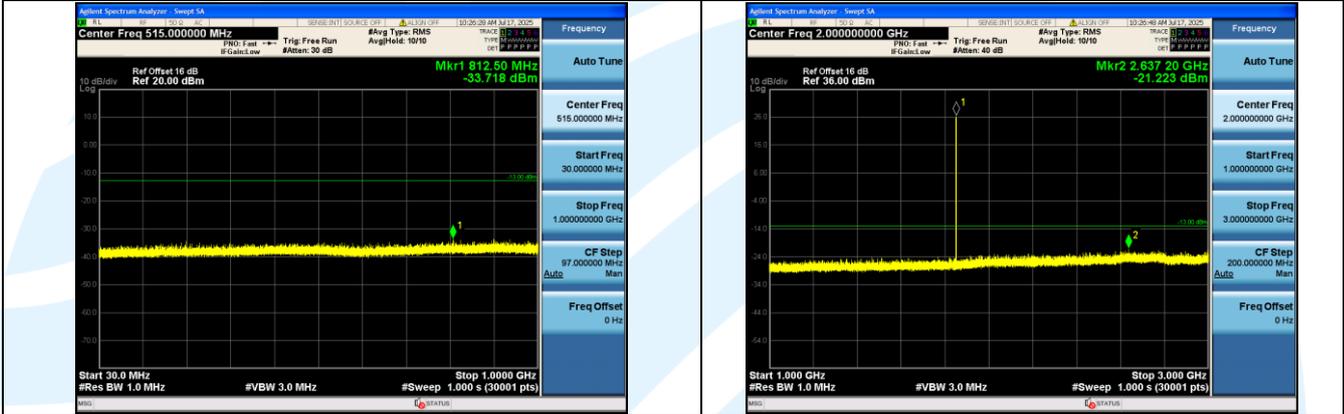
GPRS1900-661-0-30~1000MHz-PASS



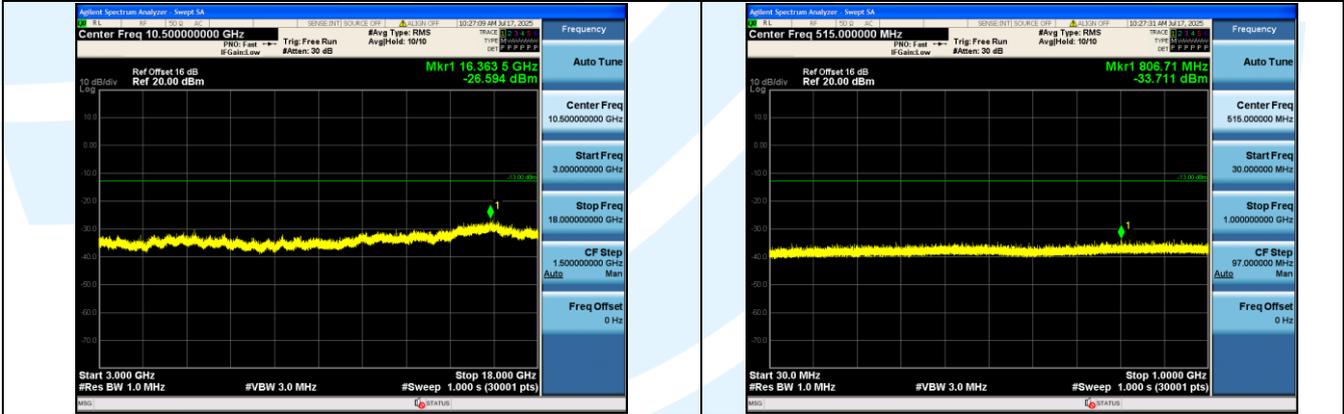




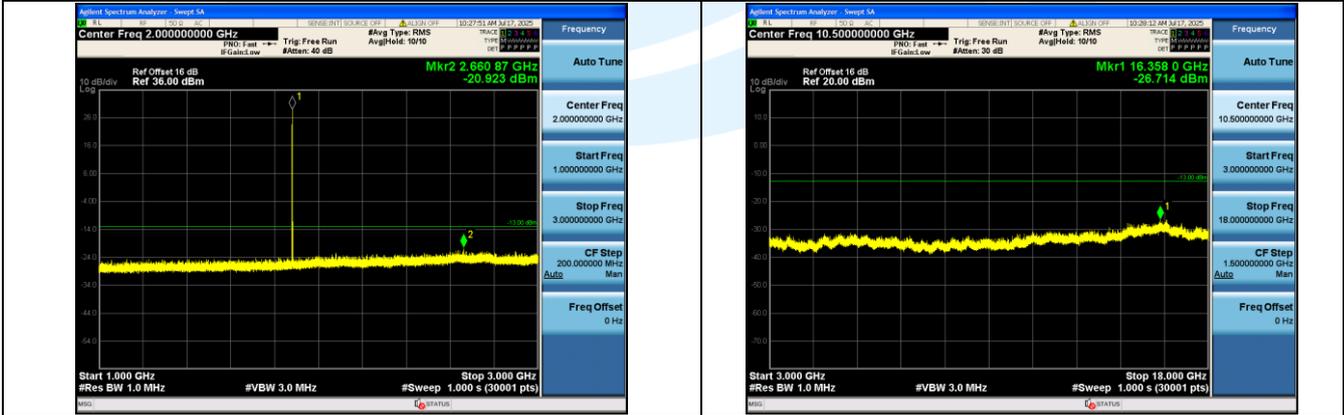
GSM1900-810-0-3000~18000MHz-PASS      GPRS1900-810-0-3000~18000MHz-PASS



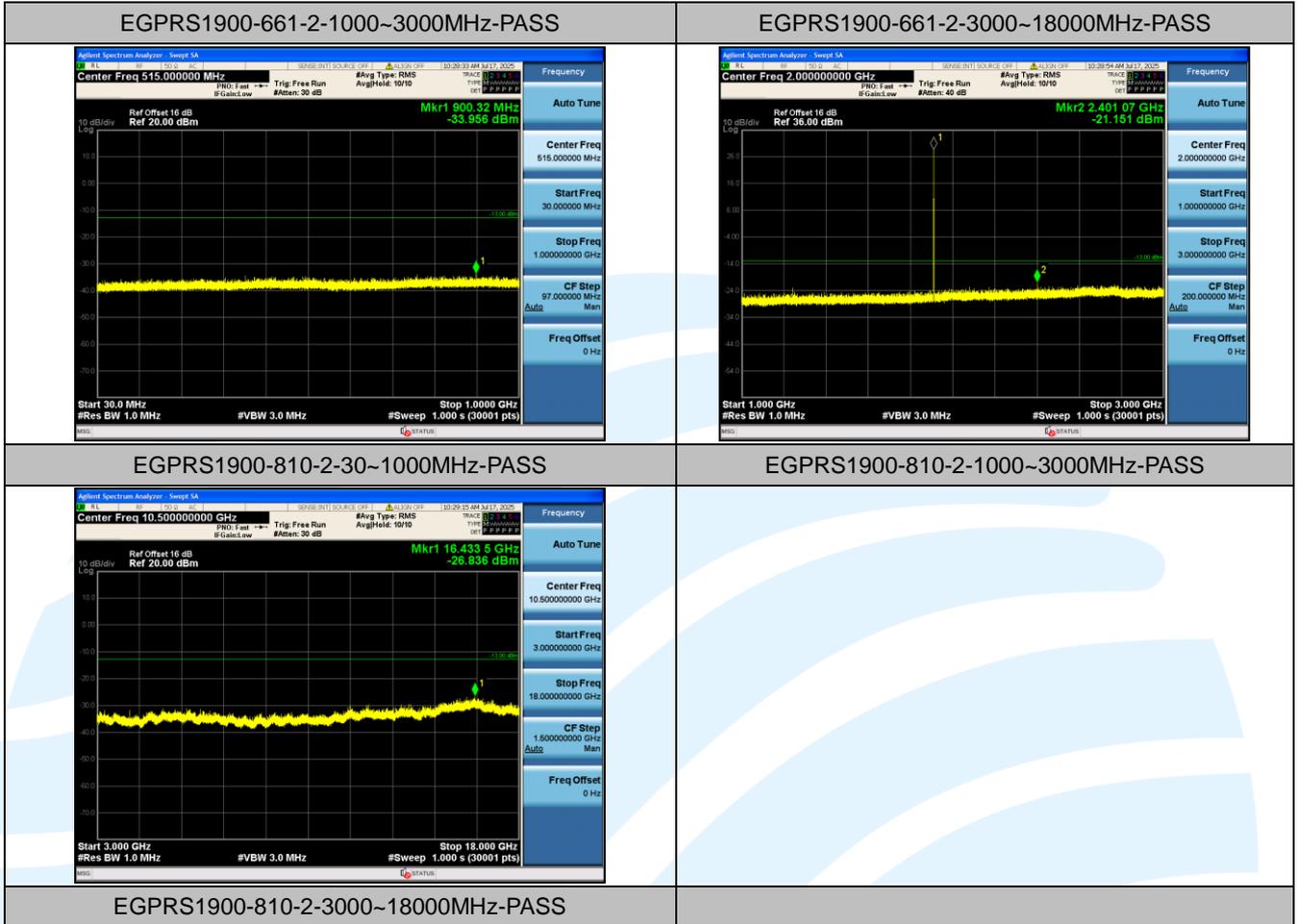
EGPRS1900-512-2-30~1000MHz-PASS      EGPRS1900-512-2-1000~3000MHz-PASS



EGPRS1900-512-2-3000~18000MHz-PASS      EGPRS1900-661-2-30~1000MHz-PASS



EGPRS1900-512-2-3000~18000MHz-PASS      EGPRS1900-661-2-30~1000MHz-PASS



### A.5 FREQUENCY STABILITY

#### Test Result

Voltage							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	190	VN	NT	5.20	0.006216	±2.5	PASS
GSM850	190	VL	NT	10.53	0.012587	±2.5	PASS
GSM850	190	VH	NT	14.43	0.017248	±2.5	PASS
EGPRS850	190	VN	NT	15.66	0.018719	±2.5	PASS
EGPRS850	190	VL	NT	12.98	0.015515	±2.5	PASS
EGPRS850	190	VH	NT	14.59	0.017440	±2.5	PASS
GSM1900	661	VN	NT	5.78	0.003074	±2.5	PASS
GSM1900	661	VL	NT	0.03	0.000016	±2.5	PASS
GSM1900	661	VH	NT	3.97	0.002112	±2.5	PASS
EGPRS1900	661	VN	NT	7.49	0.003984	±2.5	PASS
EGPRS1900	661	VL	NT	17.01	0.009048	±2.5	PASS
EGPRS1900	661	VH	NT	22.41	0.011920	±2.5	PASS

Temperature							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	190	NV	-30	16.34	0.019531	±2.5	PASS
GSM850	190	NV	-20	10.94	0.013077	±2.5	PASS
GSM850	190	NV	-10	11.62	0.013890	±2.5	PASS
GSM850	190	NV	0	5.65	0.006754	±2.5	PASS
GSM850	190	NV	10	14.82	0.017715	±2.5	PASS
GSM850	190	NV	20	14.33	0.017129	±2.5	PASS
GSM850	190	NV	30	6.36	0.007602	±2.5	PASS
GSM850	190	NV	40	11.56	0.013818	±2.5	PASS
GSM850	190	NV	50	11.30	0.013507	±2.5	PASS
EGPRS850	190	NV	-30	14.50	0.017332	±2.5	PASS
EGPRS850	190	NV	-20	17.11	0.020452	±2.5	PASS
EGPRS850	190	NV	-10	11.01	0.013160	±2.5	PASS
EGPRS850	190	NV	0	17.24	0.020607	±2.5	PASS
EGPRS850	190	NV	10	12.59	0.015049	±2.5	PASS
EGPRS850	190	NV	20	12.91	0.015432	±2.5	PASS
EGPRS850	190	NV	30	10.43	0.012467	±2.5	PASS
EGPRS850	190	NV	40	15.30	0.018288	±2.5	PASS
EGPRS850	190	NV	50	16.34	0.019531	±2.5	PASS
GSM1900	661	NV	-30	14.69	0.007814	±2.5	PASS
GSM1900	661	NV	-20	13.95	0.007420	±2.5	PASS
GSM1900	661	NV	-10	15.24	0.008106	±2.5	PASS

GSM1900	661	NV	0	21.02	0.011181	±2.5	PASS
GSM1900	661	NV	10	9.43	0.005016	±2.5	PASS
GSM1900	661	NV	20	1.29	0.000686	±2.5	PASS
GSM1900	661	NV	30	0.71	0.000378	±2.5	PASS
GSM1900	661	NV	40	3.39	0.001803	±2.5	PASS
GSM1900	661	NV	50	6.68	0.003553	±2.5	PASS
EGPRS1900	661	NV	-30	1.07	0.000569	±2.5	PASS
EGPRS1900	661	NV	-20	3.49	0.001856	±2.5	PASS
EGPRS1900	661	NV	-10	15.21	0.008090	±2.5	PASS
EGPRS1900	661	NV	0	8.17	0.004346	±2.5	PASS
EGPRS1900	661	NV	10	12.20	0.006489	±2.5	PASS
EGPRS1900	661	NV	20	8.20	0.004362	±2.5	PASS
EGPRS1900	661	NV	30	23.31	0.012399	±2.5	PASS
EGPRS1900	661	NV	40	8.75	0.004654	±2.5	PASS
EGPRS1900	661	NV	50	10.17	0.005410	±2.5	PASS