

Appendix for GSM850&GSM1900

Product Name: Smart Phone

Model No: G96

Appendix A: Average Power Output Data

Test Result

Normal mode:

Band	Channel	ERP/EIRP(dBm)	Limit(dBm)	Verdict
GSM850	128	32.80	38.45	PASS
GSM850	190	32.91	38.45	PASS
GSM850	251	33.08	38.45	PASS
GSM1900	512	29.65	33.00	PASS
GSM1900	661	29.48	33.00	PASS
GSM1900	810	29.47	33.00	PASS

Band	Channel	Slot	Power(dBm)	Limit(dBm)	Verdict
GPRS850	128	1	32.72	38.45	PASS
GPRS850	128	2	31.95	38.45	PASS
GPRS850	128	3	30.18	38.45	PASS
GPRS850	128	4	29.01	38.45	PASS
GPRS850	190	1	32.76	38.45	PASS
GPRS850	190	2	32.02	38.45	PASS
GPRS850	190	3	30.23	38.45	PASS
GPRS850	190	4	29.10	38.45	PASS
GPRS850	251	1	32.92	38.45	PASS
GPRS850	251	2	32.22	38.45	PASS
GPRS850	251	3	30.45	38.45	PASS
GPRS850	251	4	29.33	38.45	PASS
GPRS1900	512	1	29.37	33.00	PASS
GPRS1900	512	2	28.39	33.00	PASS
GPRS1900	512	3	26.34	33.00	PASS
GPRS1900	512	4	25.24	33.00	PASS
GPRS1900	661	1	29.35	33.00	PASS
GPRS1900	661	2	28.41	33.00	PASS
GPRS1900	661	3	26.38	33.00	PASS
GPRS1900	661	4	25.32	33.00	PASS
GPRS1900	810	1	29.10	33.00	PASS
GPRS1900	810	2	28.20	33.00	PASS
GPRS1900	810	3	26.23	33.00	PASS
GPRS1900	810	4	25.20	33.00	PASS

Band	Channel	Slot	Power(dBm)	Limit(dBm)	Verdict
EGPRS850	128	1	27.76	38.45	PASS
EGPRS850	128	2	26.68	38.45	PASS

EGPRS850	128	3	24.80	38.45	PASS
EGPRS850	128	4	23.57	38.45	PASS
EGPRS850	190	1	27.26	38.45	PASS
EGPRS850	190	2	26.29	38.45	PASS
EGPRS850	190	3	24.37	38.45	PASS
EGPRS850	190	4	23.16	38.45	PASS
EGPRS850	251	1	27.66	38.45	PASS
EGPRS850	251	2	26.68	38.45	PASS
EGPRS850	251	3	24.73	38.45	PASS
EGPRS850	251	4	23.59	38.45	PASS
EGPRS1900	512	1	25.78	33.00	PASS
EGPRS1900	512	2	25.04	33.00	PASS
EGPRS1900	512	3	23.38	33.00	PASS
EGPRS1900	512	4	22.49	33.00	PASS
EGPRS1900	661	1	25.83	33.00	PASS
EGPRS1900	661	2	25.01	33.00	PASS
EGPRS1900	661	3	23.26	33.00	PASS
EGPRS1900	661	4	22.43	33.00	PASS
EGPRS1900	810	1	25.88	33.00	PASS
EGPRS1900	810	2	25.06	33.00	PASS
EGPRS1900	810	3	23.32	33.00	PASS
EGPRS1900	810	4	22.42	33.00	PASS

Hotspot mode:

Band	Channel	ERP/EIRP(dBm)	Limit(dBm)	Verdict
GSM1900	512	24.48	33.00	PASS
GSM1900	661	24.60	33.00	PASS
GSM1900	810	24.52	33.00	PASS

Band	Channel	Slot	Power(dBm)	Limit(dBm)	Verdict
GPRS1900	512	1	26.48	33.00	PASS
GPRS1900	512	2	25.38	33.00	PASS
GPRS1900	512	3	23.28	33.00	PASS
GPRS1900	512	4	22.33	33.00	PASS
GPRS1900	661	1	26.56	33.00	PASS
GPRS1900	661	2	25.51	33.00	PASS
GPRS1900	661	3	23.46	33.00	PASS
GPRS1900	661	4	22.51	33.00	PASS
GPRS1900	810	1	26.40	33.00	PASS
GPRS1900	810	2	25.38	33.00	PASS
GPRS1900	810	3	23.38	33.00	PASS
GPRS1900	810	4	22.48	33.00	PASS

Band	Channel	Slot	Power(dBm)	Limit(dBm)	Verdict
EGPRS1900	512	1	21.88	33.00	PASS
EGPRS1900	512	2	21.26	33.00	PASS
EGPRS1900	512	3	19.45	33.00	PASS
EGPRS1900	512	4	18.54	33.00	PASS
EGPRS1900	661	1	22.13	33.00	PASS
EGPRS1900	661	2	21.26	33.00	PASS
EGPRS1900	661	3	19.44	33.00	PASS
EGPRS1900	661	4	18.52	33.00	PASS
EGPRS1900	810	1	22.11	33.00	PASS
EGPRS1900	810	2	21.23	33.00	PASS
EGPRS1900	810	3	19.40	33.00	PASS
EGPRS1900	810	4	18.43	33.00	PASS

Receiver ON:

Band	Channel	ERP/EIRP(dBm)	Limit(dBm)	Verdict
GSM1900	512	24.39	33.00	PASS
GSM1900	661	24.52	33.00	PASS
GSM1900	810	24.43	33.00	PASS

Band	Channel	Slot	Power(dBm)	Limit(dBm)	Verdict
GPRS1900	512	1	24.39	33.00	PASS
GPRS1900	512	2	23.24	33.00	PASS
GPRS1900	512	3	21.21	33.00	PASS
GPRS1900	512	4	20.25	33.00	PASS
GPRS1900	661	1	24.49	33.00	PASS
GPRS1900	661	2	23.42	33.00	PASS
GPRS1900	661	3	21.42	33.00	PASS
GPRS1900	661	4	20.47	33.00	PASS
GPRS1900	810	1	24.40	33.00	PASS
GPRS1900	810	2	23.32	33.00	PASS
GPRS1900	810	3	21.39	33.00	PASS
GPRS1900	810	4	20.51	33.00	PASS

Band	Channel	Slot	Power(dBm)	Limit(dBm)	Verdict
EGPRS1900	512	1	20.31	33.00	PASS
EGPRS1900	512	2	19.54	33.00	PASS
EGPRS1900	512	3	17.65	33.00	PASS
EGPRS1900	512	4	16.66	33.00	PASS
EGPRS1900	661	1	20.52	33.00	PASS
EGPRS1900	661	2	19.58	33.00	PASS
EGPRS1900	661	3	17.61	33.00	PASS
EGPRS1900	661	4	16.57	33.00	PASS
EGPRS1900	810	1	20.47	33.00	PASS
EGPRS1900	810	2	19.51	33.00	PASS
EGPRS1900	810	3	17.55	33.00	PASS
EGPRS1900	810	4	16.49	33.00	PASS

Sensor:

Band	Channel	ERP/EIRP(dBm)	Limit(dBm)	Verdict
GSM1900	512	27.12	33.00	PASS
GSM1900	661	27.40	33.00	PASS
GSM1900	810	27.26	33.00	PASS

Band	Channel	Slot	Power(dBm)	Limit(dBm)	Verdict
GPRS1900	512	1	26.57	33.00	PASS
GPRS1900	512	2	25.15	33.00	PASS
GPRS1900	512	3	23.36	33.00	PASS
GPRS1900	512	4	22.42	33.00	PASS
GPRS1900	661	1	26.59	33.00	PASS
GPRS1900	661	2	25.46	33.00	PASS
GPRS1900	661	3	23.34	33.00	PASS
GPRS1900	661	4	22.12	33.00	PASS
GPRS1900	810	1	26.70	33.00	PASS
GPRS1900	810	2	25.56	33.00	PASS
GPRS1900	810	3	23.31	33.00	PASS
GPRS1900	810	4	22.25	33.00	PASS

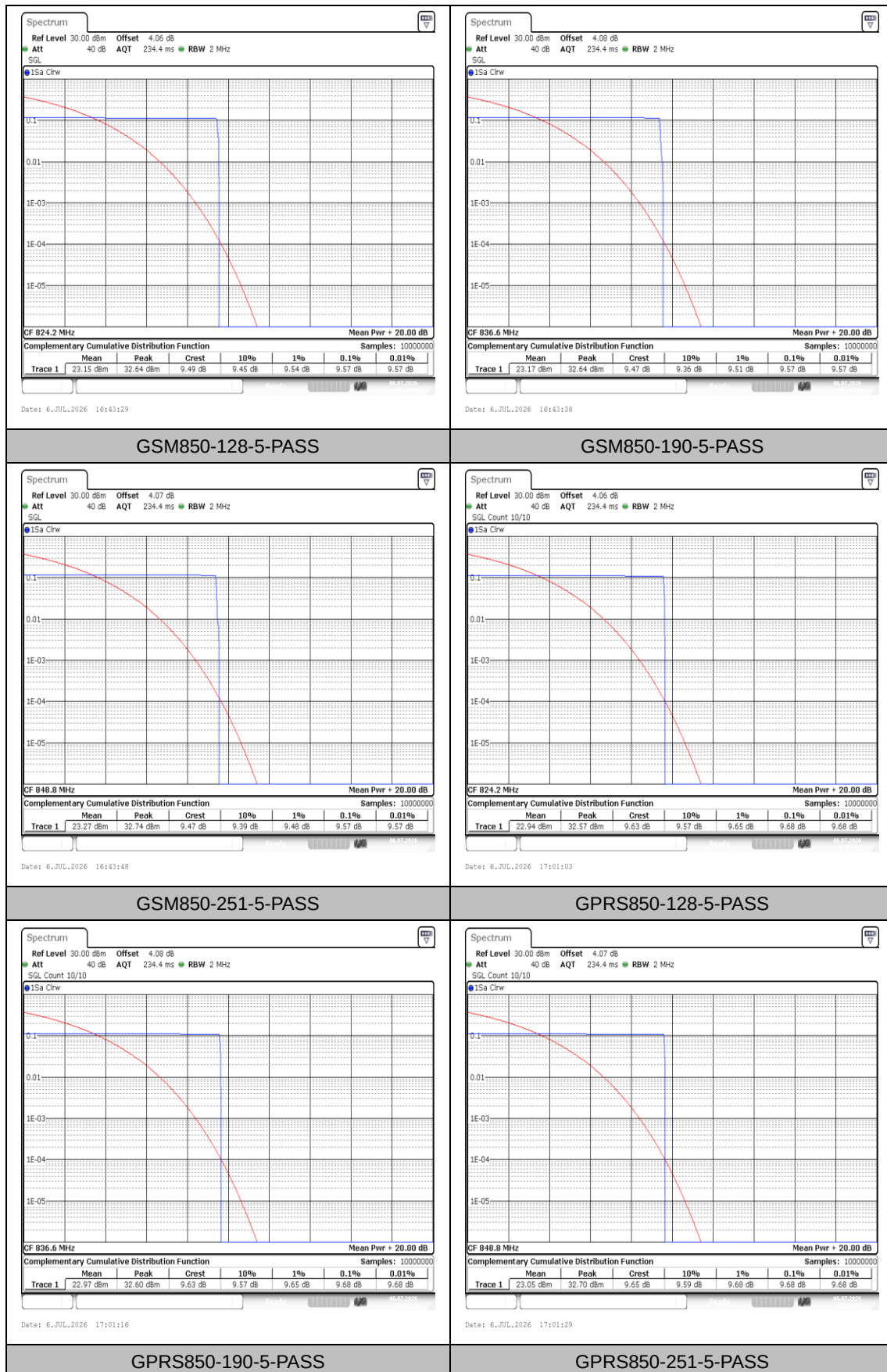
Band	Channel	Slot	Power(dBm)	Limit(dBm)	Verdict
EGPRS1900	512	1	21.43	33.00	PASS
EGPRS1900	512	2	21.24	33.00	PASS
EGPRS1900	512	3	19.16	33.00	PASS
EGPRS1900	512	4	18.57	33.00	PASS
EGPRS1900	661	1	22.21	33.00	PASS
EGPRS1900	661	2	21.60	33.00	PASS
EGPRS1900	661	3	19.59	33.00	PASS
EGPRS1900	661	4	18.12	33.00	PASS
EGPRS1900	810	1	22.13	33.00	PASS
EGPRS1900	810	2	21.40	33.00	PASS
EGPRS1900	810	3	19.57	33.00	PASS
EGPRS1900	810	4	18.25	33.00	PASS

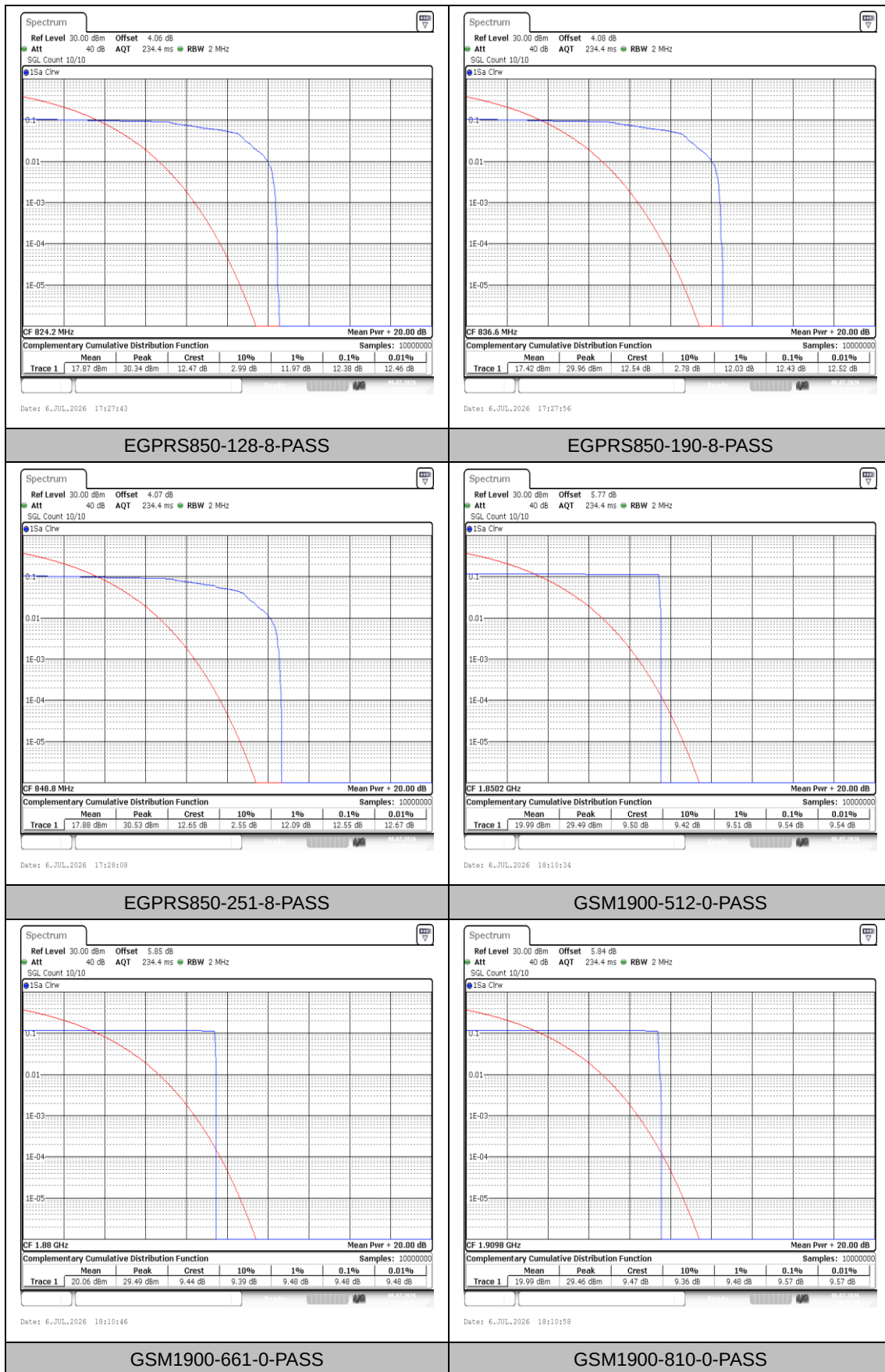
Appendix B: Peak-to-Average Ratio(CCDF)

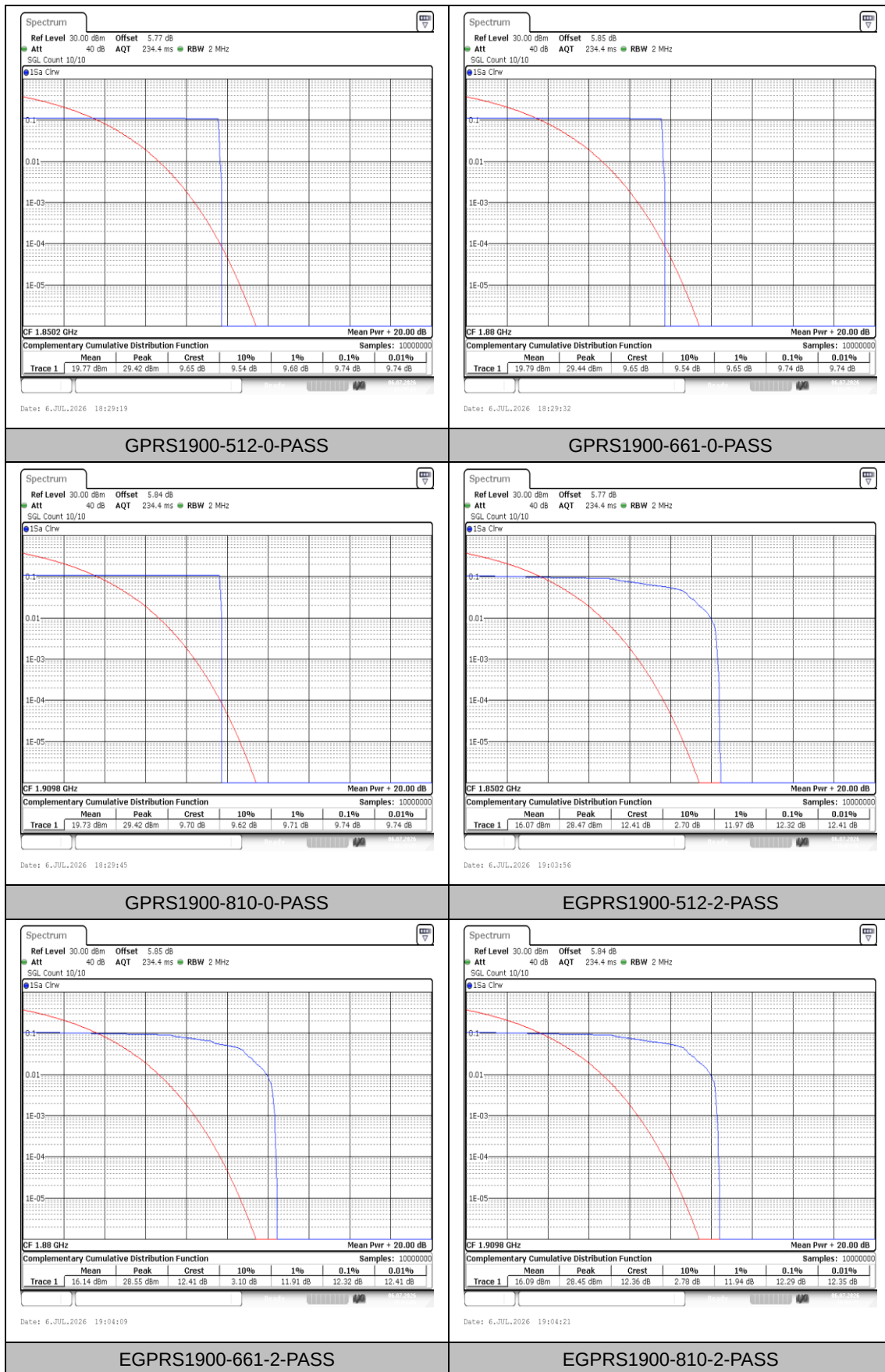
Test Result

Band	Channel	Result(dB)	Limit(dB)	Verdict
GSM850	128	9.57	13	PASS
GSM850	190	9.57	13	PASS
GSM850	251	9.57	13	PASS
GPRS850	128	9.68	13	PASS
GPRS850	190	9.68	13	PASS
GPRS850	251	9.68	13	PASS
EGPRS850	128	12.38	13	PASS
EGPRS850	190	12.43	13	PASS
EGPRS850	251	12.55	13	PASS
GSM1900	512	9.54	13	PASS
GSM1900	661	9.48	13	PASS
GSM1900	810	9.57	13	PASS
GPRS1900	512	9.74	13	PASS
GPRS1900	661	9.74	13	PASS
GPRS1900	810	9.74	13	PASS
EGPRS1900	512	12.32	13	PASS
EGPRS1900	661	12.32	13	PASS
EGPRS1900	810	12.29	13	PASS

Test Graphs





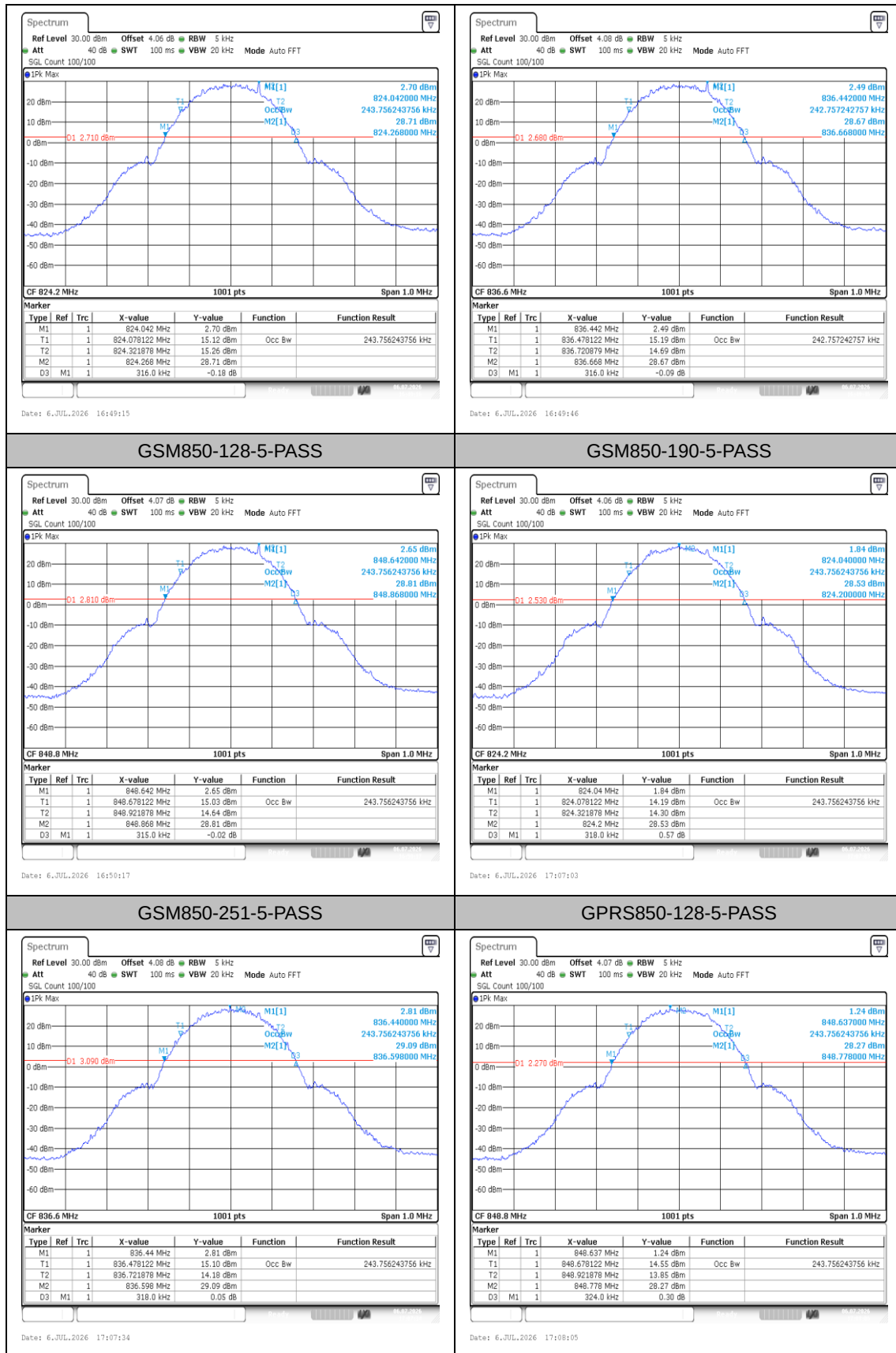


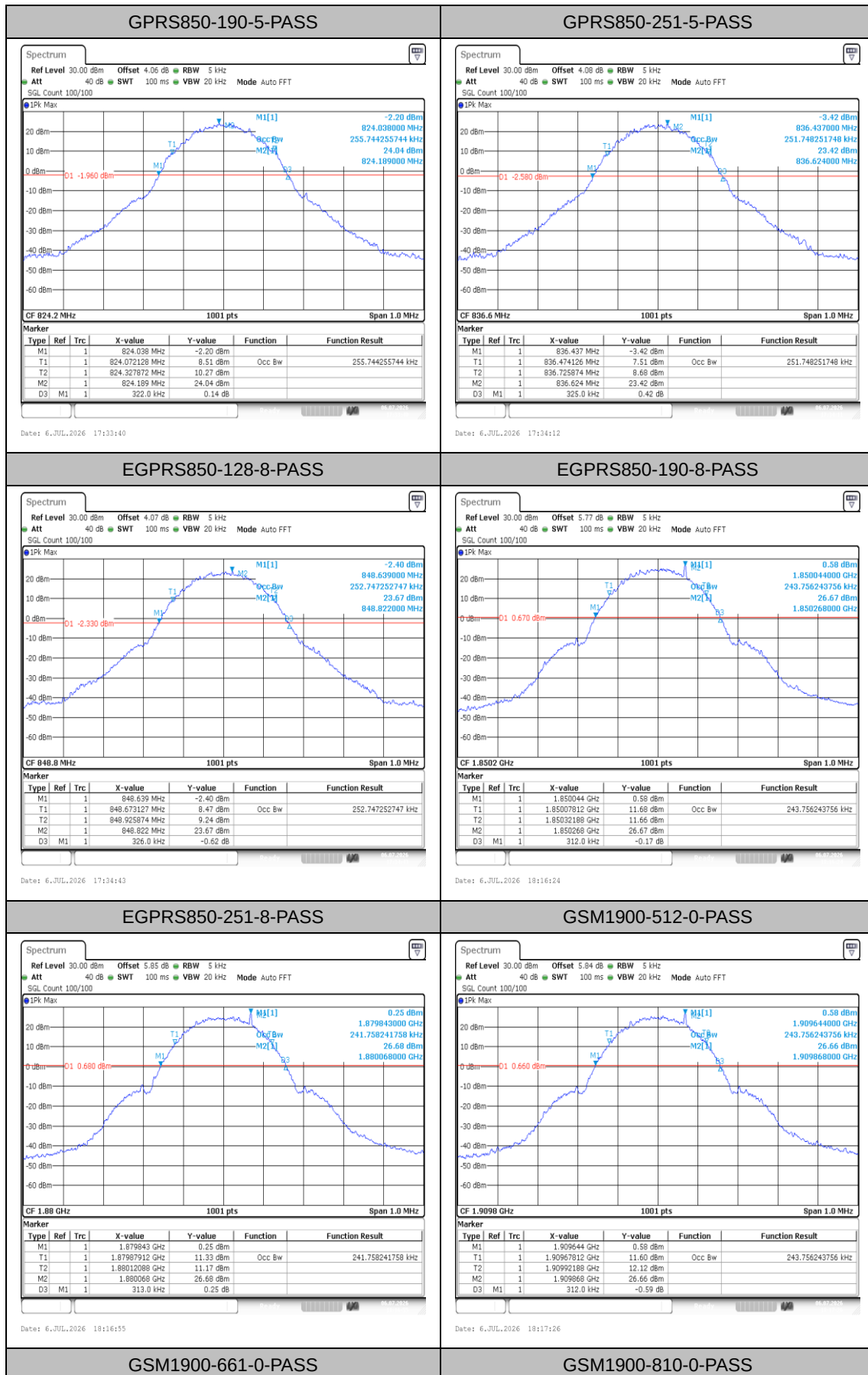
Appendix C: 26dB Bandwidth and Occupied Bandwidth

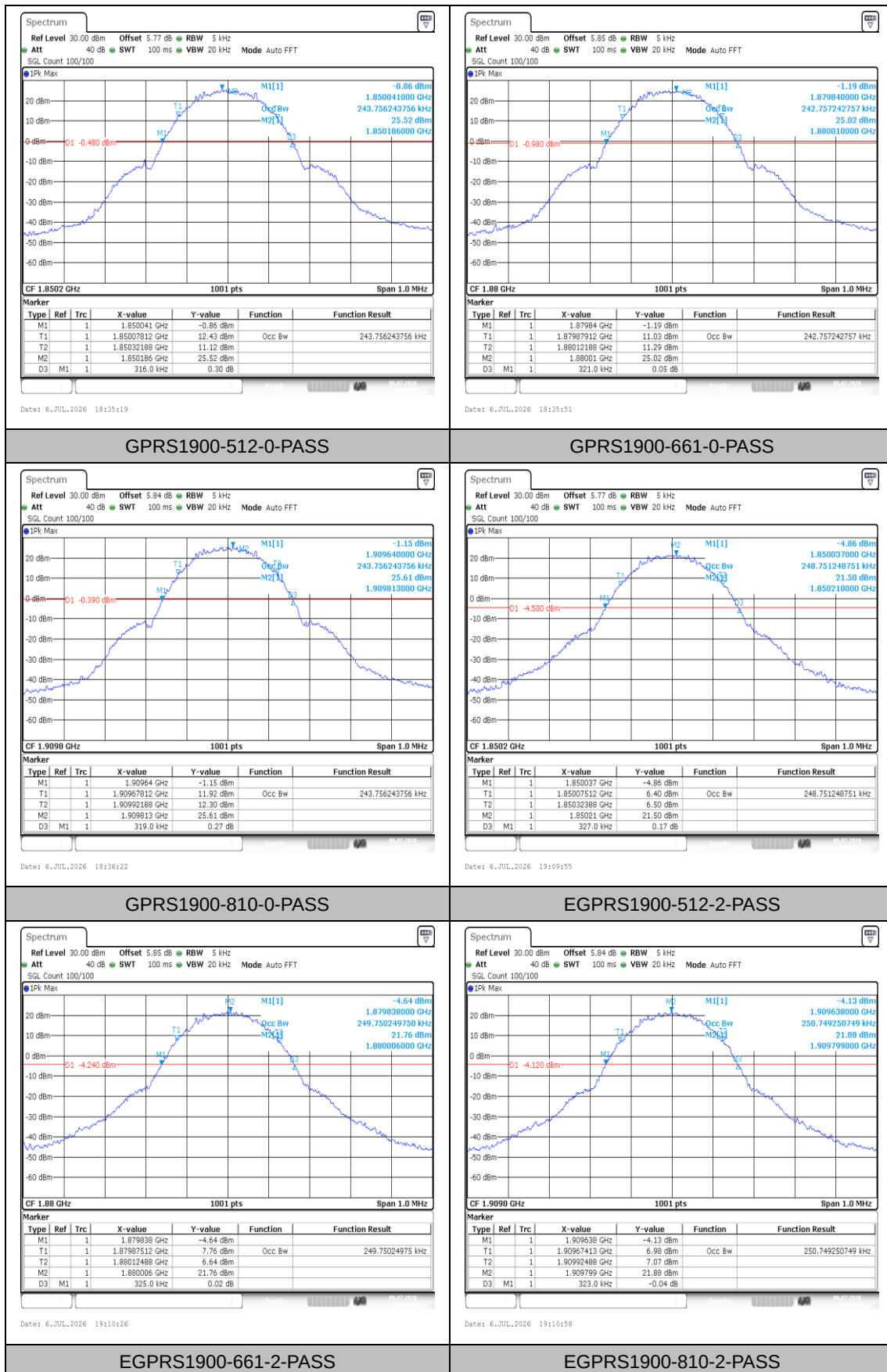
Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
GSM850	128	0.24376	0.32	---	PASS
GSM850	190	0.24276	0.32	---	PASS
GSM850	251	0.24376	0.32	---	PASS
GPRS850	128	0.24376	0.32	---	PASS
GPRS850	190	0.24376	0.32	---	PASS
GPRS850	251	0.24376	0.32	---	PASS
EGPRS850	128	0.25574	0.32	---	PASS
EGPRS850	190	0.25175	0.33	---	PASS
EGPRS850	251	0.25275	0.33	---	PASS
GSM1900	512	0.24376	0.31	---	PASS
GSM1900	661	0.24176	0.31	---	PASS
GSM1900	810	0.24376	0.31	---	PASS
GPRS1900	512	0.24376	0.32	---	PASS
GPRS1900	661	0.24276	0.32	---	PASS
GPRS1900	810	0.24376	0.32	---	PASS
EGPRS1900	512	0.24875	0.33	---	PASS
EGPRS1900	661	0.24975	0.33	---	PASS
EGPRS1900	810	0.25075	0.32	---	PASS

Test Graphs





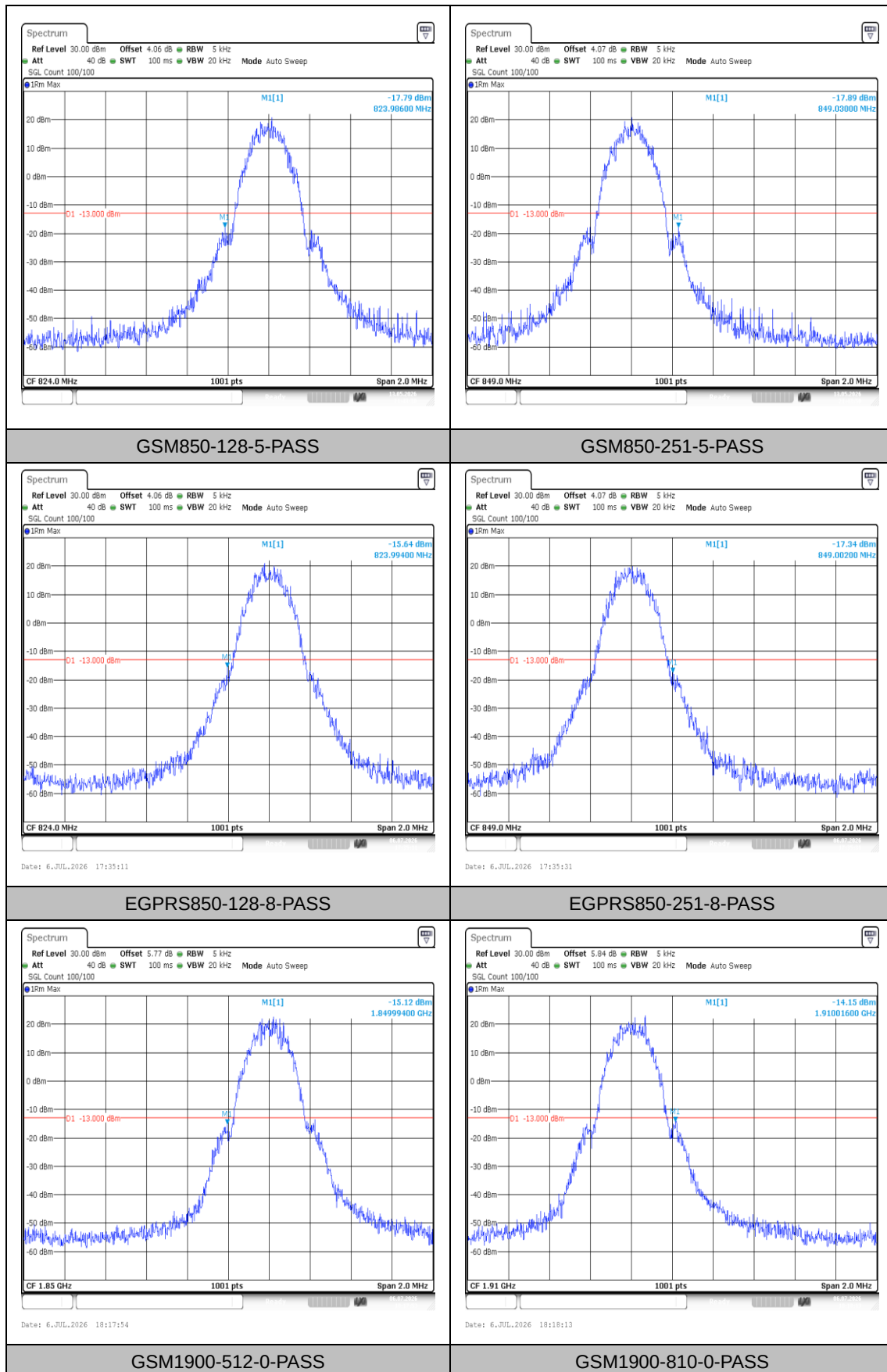


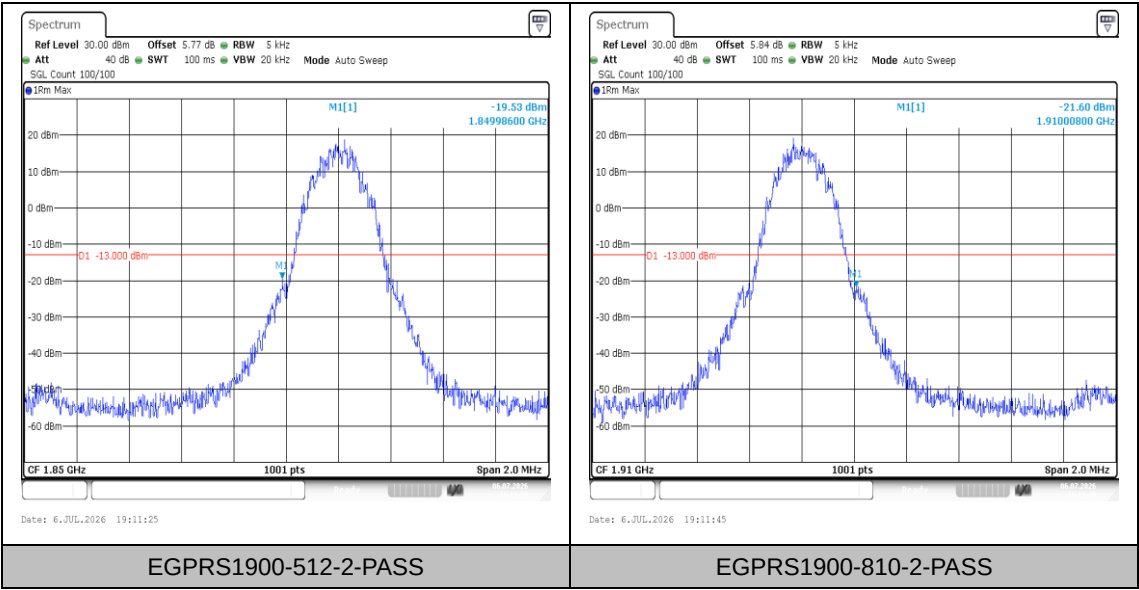
Appendix D: Band Edge

Test Result

Band	Channel	Freq (MHz)	Result (dBm)	Limit(dBm)	Verdict
GSM850	128	824.00	-17.70	-13	PASS
GSM850	251	849.01	-17.99	-13	PASS
EGPRS850	128	823.99	-15.64	-13	PASS
EGPRS850	251	849.00	-17.34	-13	PASS
GSM1900	512	1849.99	-15.12	-13	PASS
GSM1900	810	1910.02	-14.15	-13	PASS
EGPRS1900	512	1849.99	-19.53	-13	PASS
EGPRS1900	810	1910.01	-21.60	-13	PASS

Test Graphs





Appendix E: Conducted Spurious Emission

Test Result

Band	Channel	Frequency Range(MHz)	Limit (dBm)	Verdict
GSM850	128	0.009~0.15MHz	-33	PASS
GSM850	128	0.15~30MHz	-23	PASS
GSM850	128	30~1000MHz	-13	PASS
GSM850	128	1000~10000MHz	-13	PASS
GSM850	190	0.009~0.15MHz	-33	PASS
GSM850	190	0.15~30MHz	-23	PASS
GSM850	190	30~1000MHz	-13	PASS
GSM850	190	1000~10000MHz	-13	PASS
GSM850	251	0.009~0.15MHz	-33	PASS
GSM850	251	0.15~30MHz	-23	PASS
GSM850	251	30~1000MHz	-13	PASS
GSM850	251	1000~10000MHz	-13	PASS
GPRS850	128	0.009~0.15MHz	-33	PASS
GPRS850	128	0.15~30MHz	-23	PASS
GPRS850	128	30~1000MHz	-13	PASS
GPRS850	128	1000~10000MHz	-13	PASS
GPRS850	190	0.009~0.15MHz	-33	PASS
GPRS850	190	0.15~30MHz	-23	PASS
GPRS850	190	30~1000MHz	-13	PASS
GPRS850	190	1000~10000MHz	-13	PASS
GPRS850	251	0.009~0.15MHz	-33	PASS
GPRS850	251	0.15~30MHz	-23	PASS
GPRS850	251	30~1000MHz	-13	PASS
GPRS850	251	1000~10000MHz	-13	PASS
EGPRS850	128	0.009~0.15MHz	-33	PASS
EGPRS850	128	0.15~30MHz	-23	PASS
EGPRS850	128	30~1000MHz	-13	PASS
EGPRS850	128	1000~10000MHz	-13	PASS
EGPRS850	190	0.009~0.15MHz	-33	PASS
EGPRS850	190	0.15~30MHz	-23	PASS
EGPRS850	190	30~1000MHz	-13	PASS
EGPRS850	190	1000~10000MHz	-13	PASS
EGPRS850	251	0.009~0.15MHz	-33	PASS
EGPRS850	251	0.15~30MHz	-23	PASS
EGPRS850	251	30~1000MHz	-13	PASS
EGPRS850	251	1000~10000MHz	-13	PASS

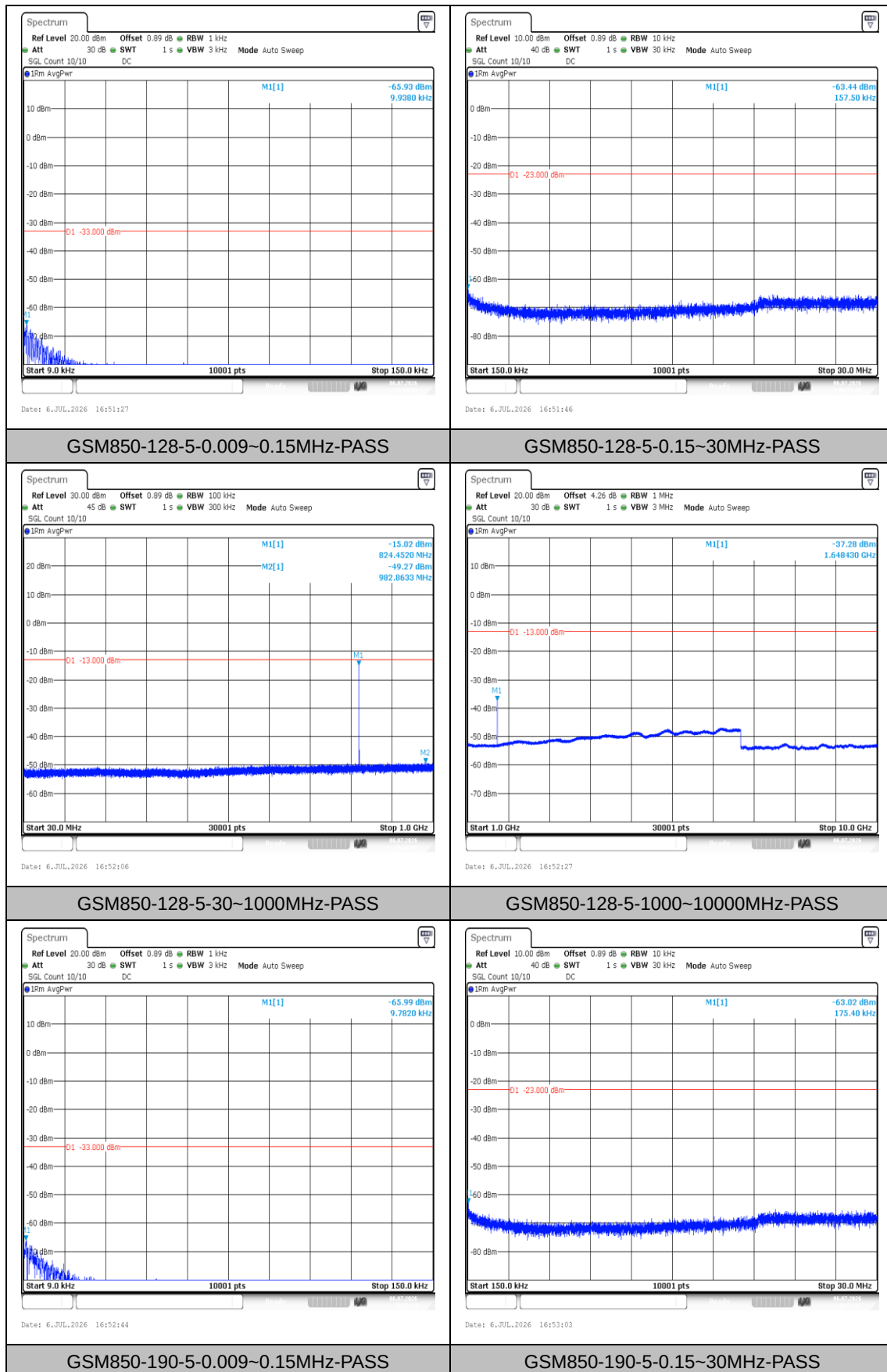
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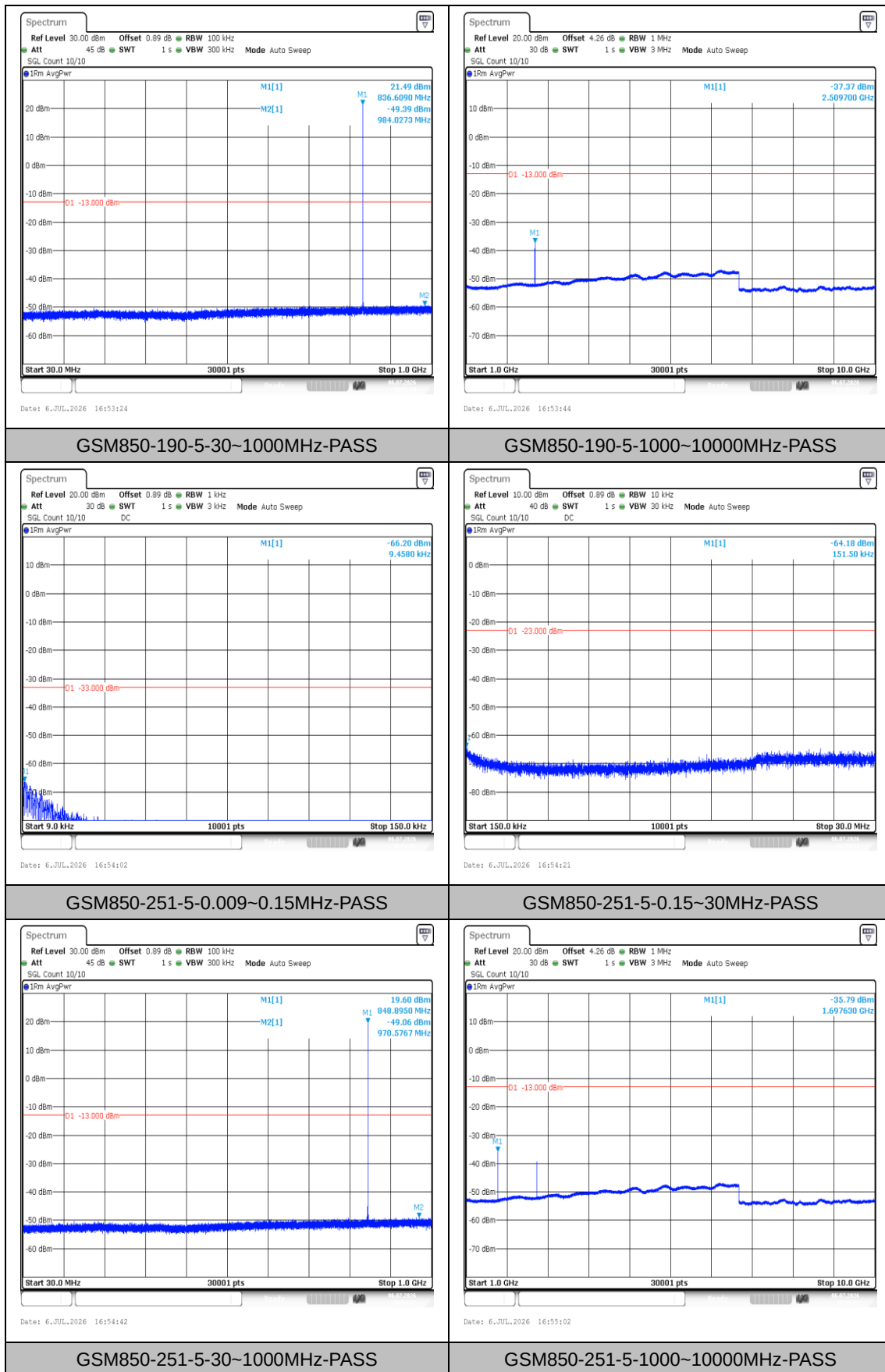
[Http://www.waltek.com.cn](http://www.waltek.com.cn)

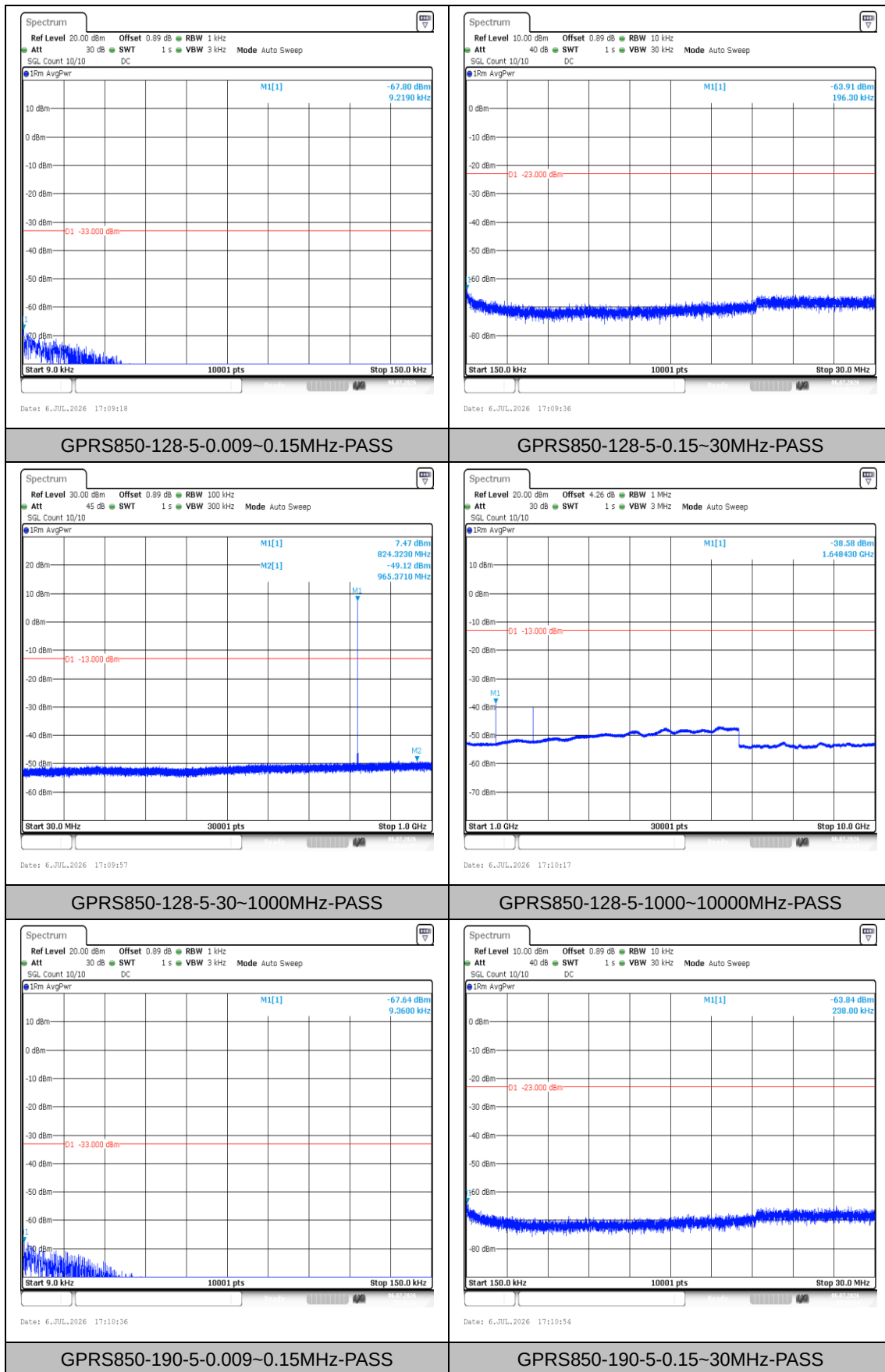
GSM1900	512	0.009~0.15MHz	-43	PASS
GSM1900	512	0.15~30MHz	-33	PASS
GSM1900	512	30~1000MHz	-13	PASS
GSM1900	512	1000~3000MHz	-13	PASS
GSM1900	512	3000~18000MHz	-13	PASS
GSM1900	661	0.009~0.15MHz	-43	PASS
GSM1900	661	0.15~30MHz	-33	PASS
GSM1900	661	30~1000MHz	-13	PASS
GSM1900	661	1000~3000MHz	-13	PASS
GSM1900	661	3000~18000MHz	-13	PASS
GSM1900	810	0.009~0.15MHz	-43	PASS
GSM1900	810	0.15~30MHz	-33	PASS
GSM1900	810	30~1000MHz	-13	PASS
GSM1900	810	1000~3000MHz	-13	PASS
GSM1900	810	3000~18000MHz	-13	PASS
GPRS1900	512	0.009~0.15MHz	-43	PASS
GPRS1900	512	0.15~30MHz	-33	PASS
GPRS1900	512	30~1000MHz	-13	PASS
GPRS1900	512	1000~3000MHz	-13	PASS
GPRS1900	512	3000~18000MHz	-13	PASS
GPRS1900	661	0.009~0.15MHz	-43	PASS
GPRS1900	661	0.15~30MHz	-33	PASS
GPRS1900	661	30~1000MHz	-13	PASS
GPRS1900	661	1000~3000MHz	-13	PASS
GPRS1900	661	3000~18000MHz	-13	PASS
GPRS1900	810	0.009~0.15MHz	-43	PASS
GPRS1900	810	0.15~30MHz	-33	PASS
GPRS1900	810	30~1000MHz	-13	PASS
GPRS1900	810	1000~3000MHz	-13	PASS
GPRS1900	810	3000~18000MHz	-13	PASS
EGPRS1900	512	0.009~0.15MHz	-43	PASS
EGPRS1900	512	0.15~30MHz	-33	PASS
EGPRS1900	512	30~1000MHz	-13	PASS
EGPRS1900	512	1000~3000MHz	-13	PASS
EGPRS1900	512	3000~18000MHz	-13	PASS
EGPRS1900	661	0.009~0.15MHz	-43	PASS
EGPRS1900	661	0.15~30MHz	-33	PASS
EGPRS1900	661	30~1000MHz	-13	PASS
EGPRS1900	661	1000~3000MHz	-13	PASS
EGPRS1900	661	3000~18000MHz	-13	PASS
EGPRS1900	810	0.009~0.15MHz	-43	PASS
EGPRS1900	810	0.15~30MHz	-33	PASS

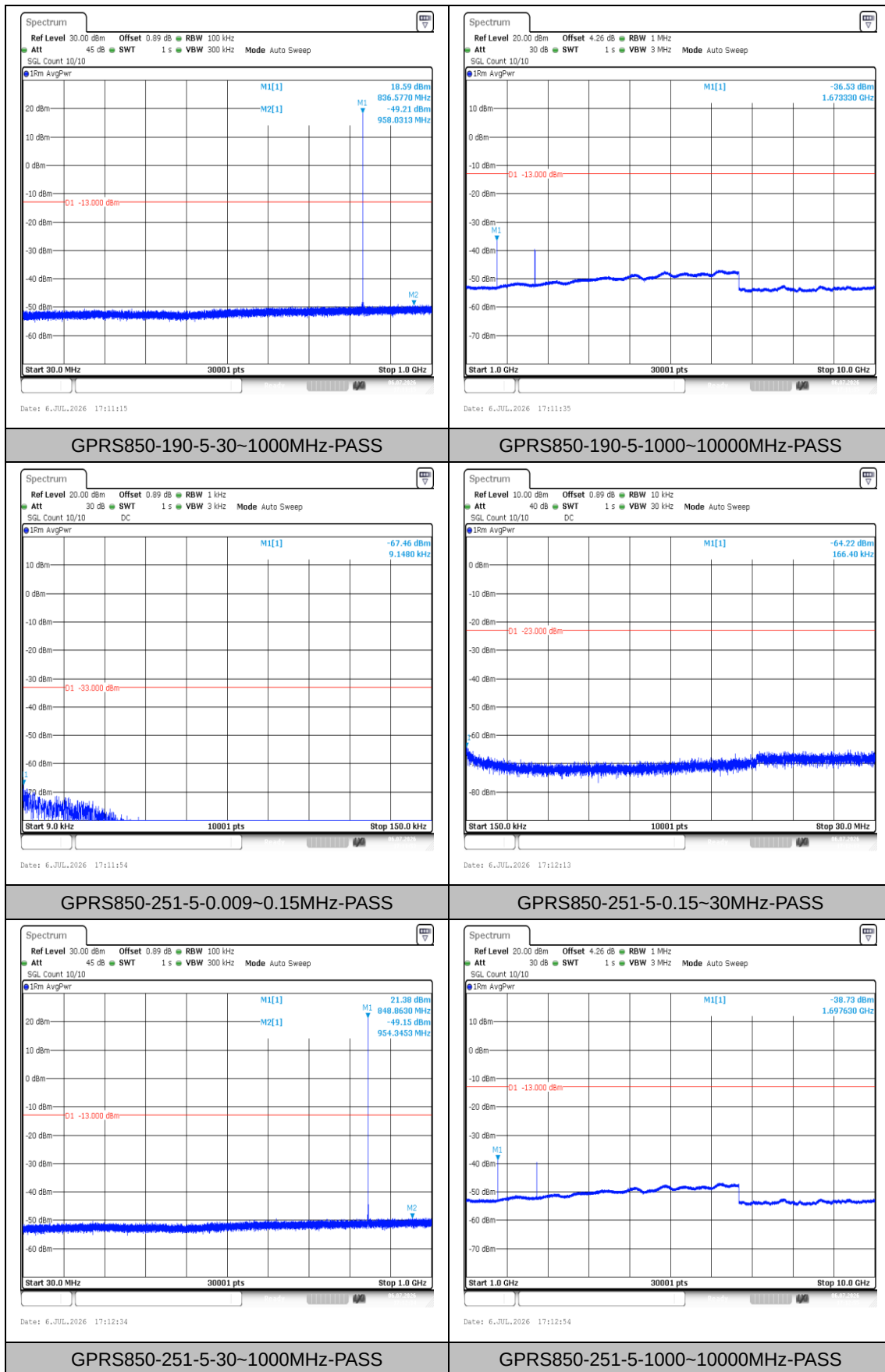
EGPRS1900	810	30~1000MHz	-13	PASS
EGPRS1900	810	1000~3000MHz	-13	PASS
EGPRS1900	810	3000~18000MHz	-13	PASS

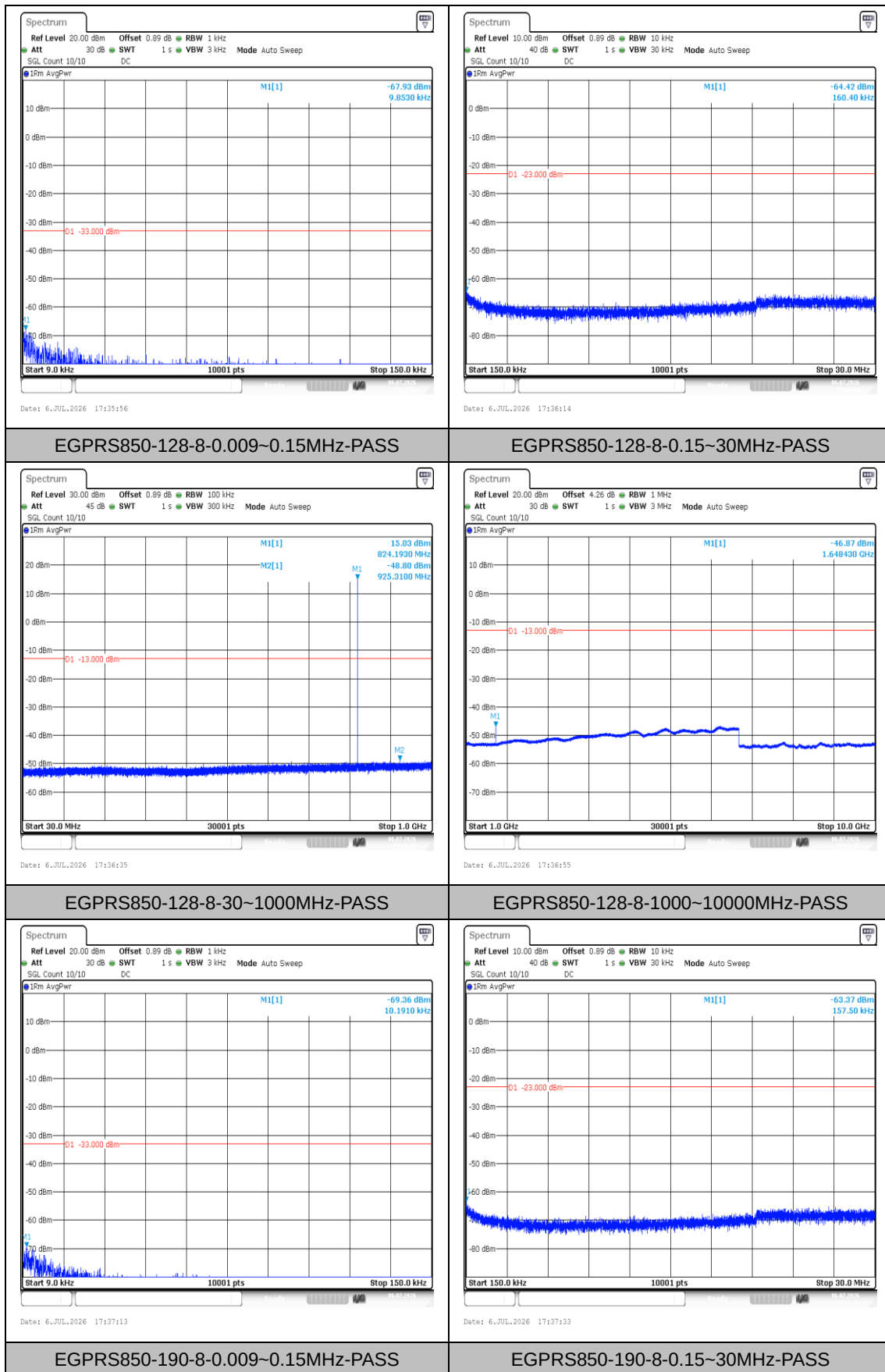
Test Graphs

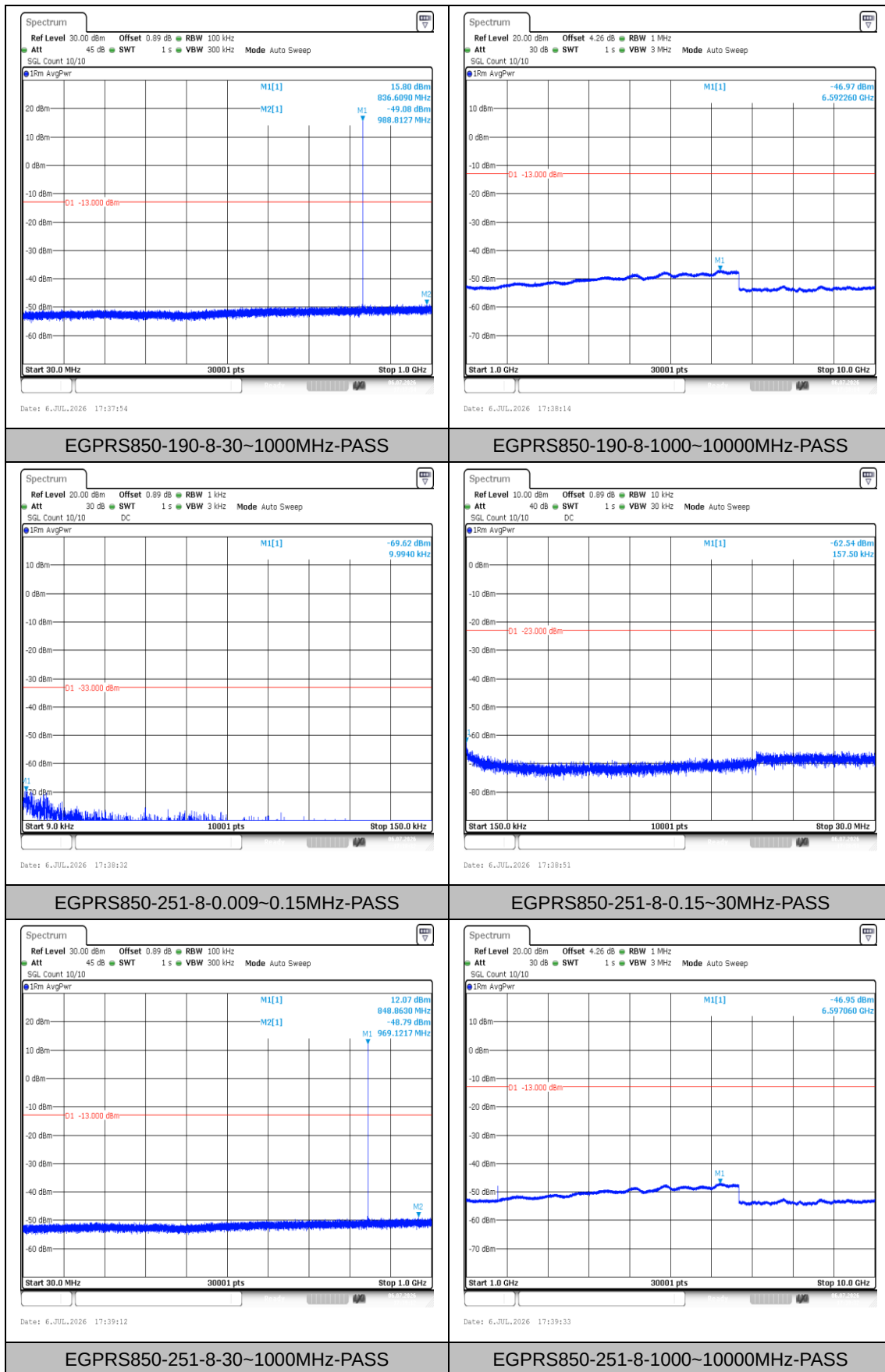


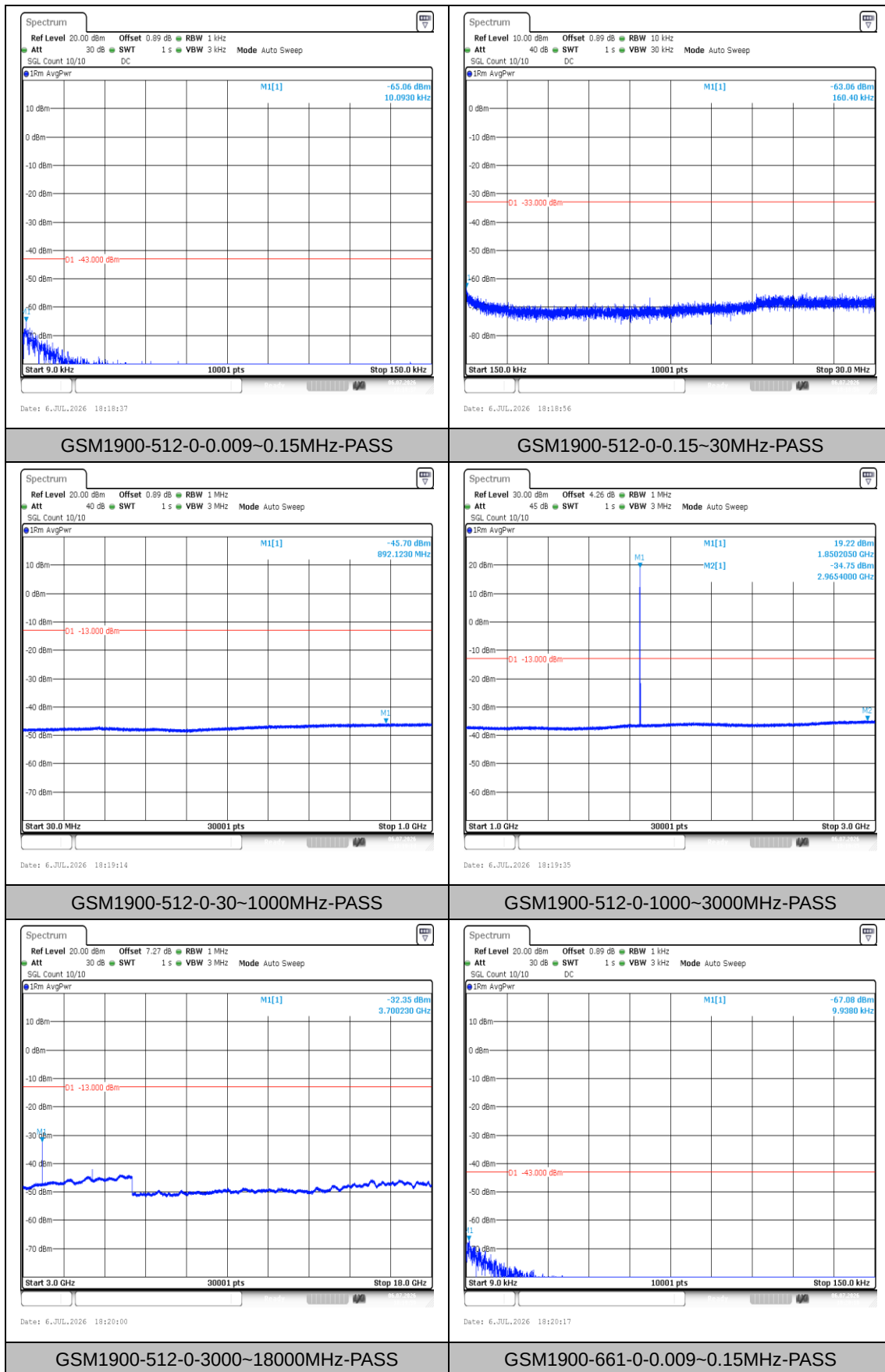


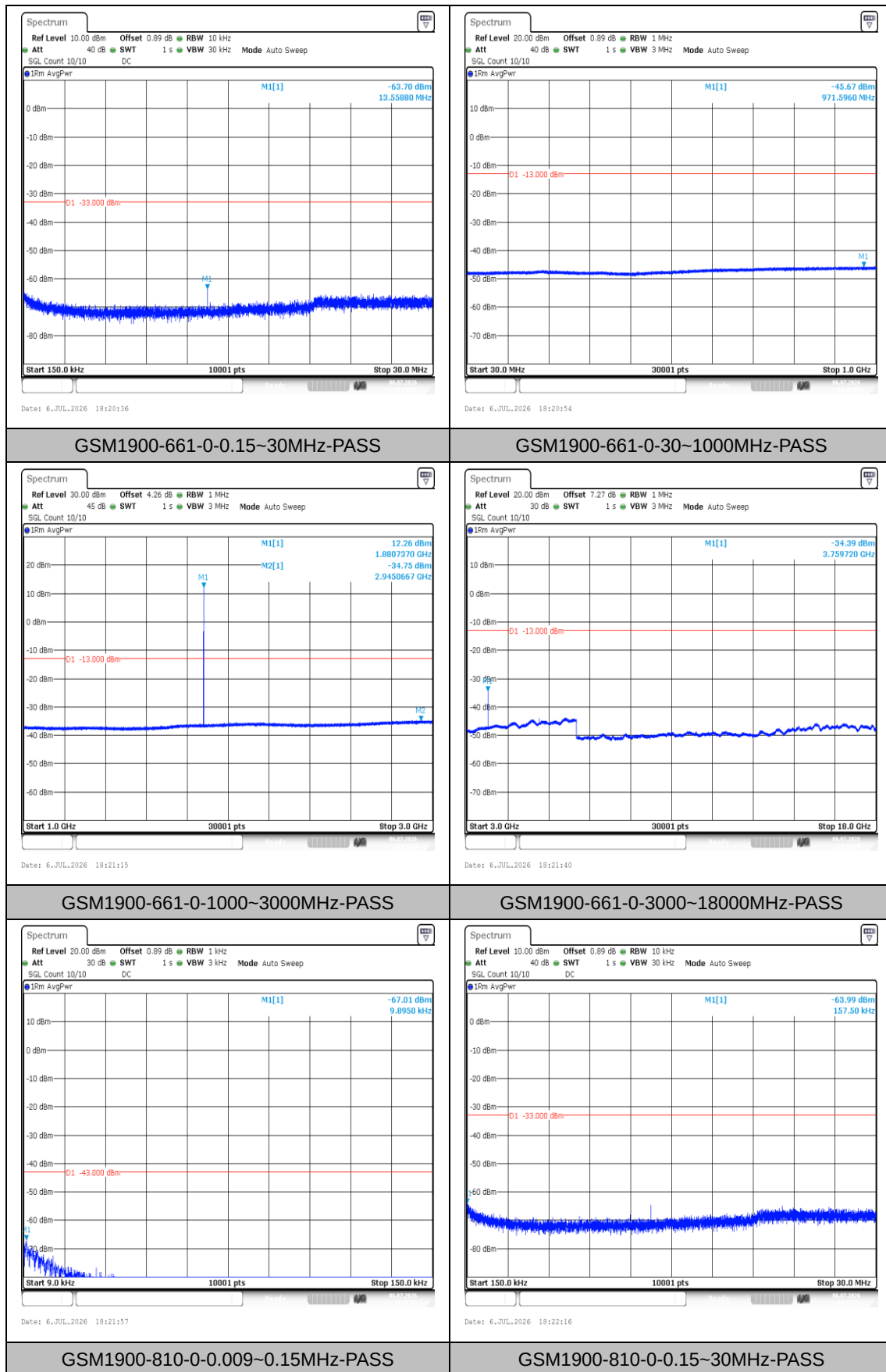


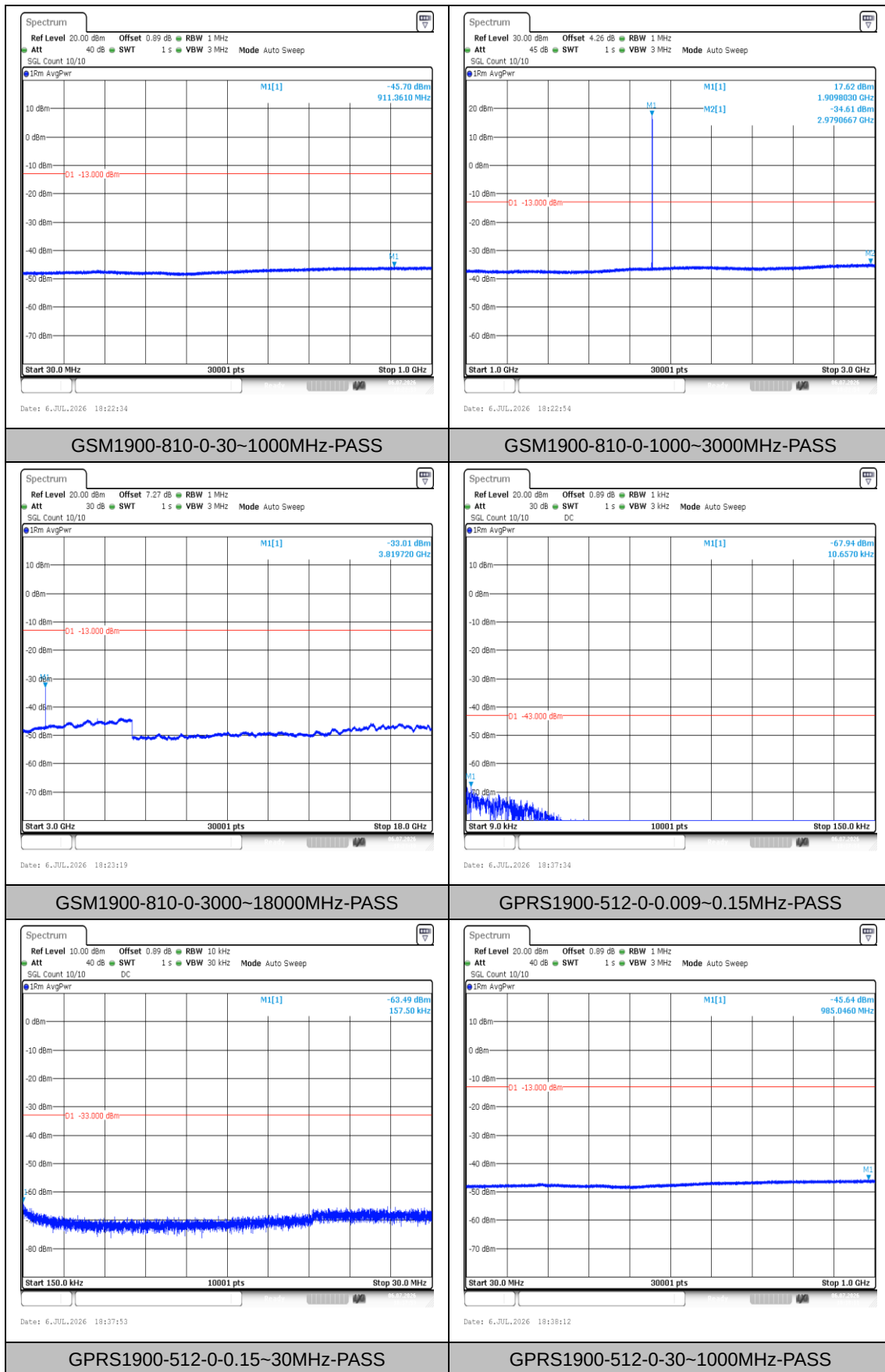


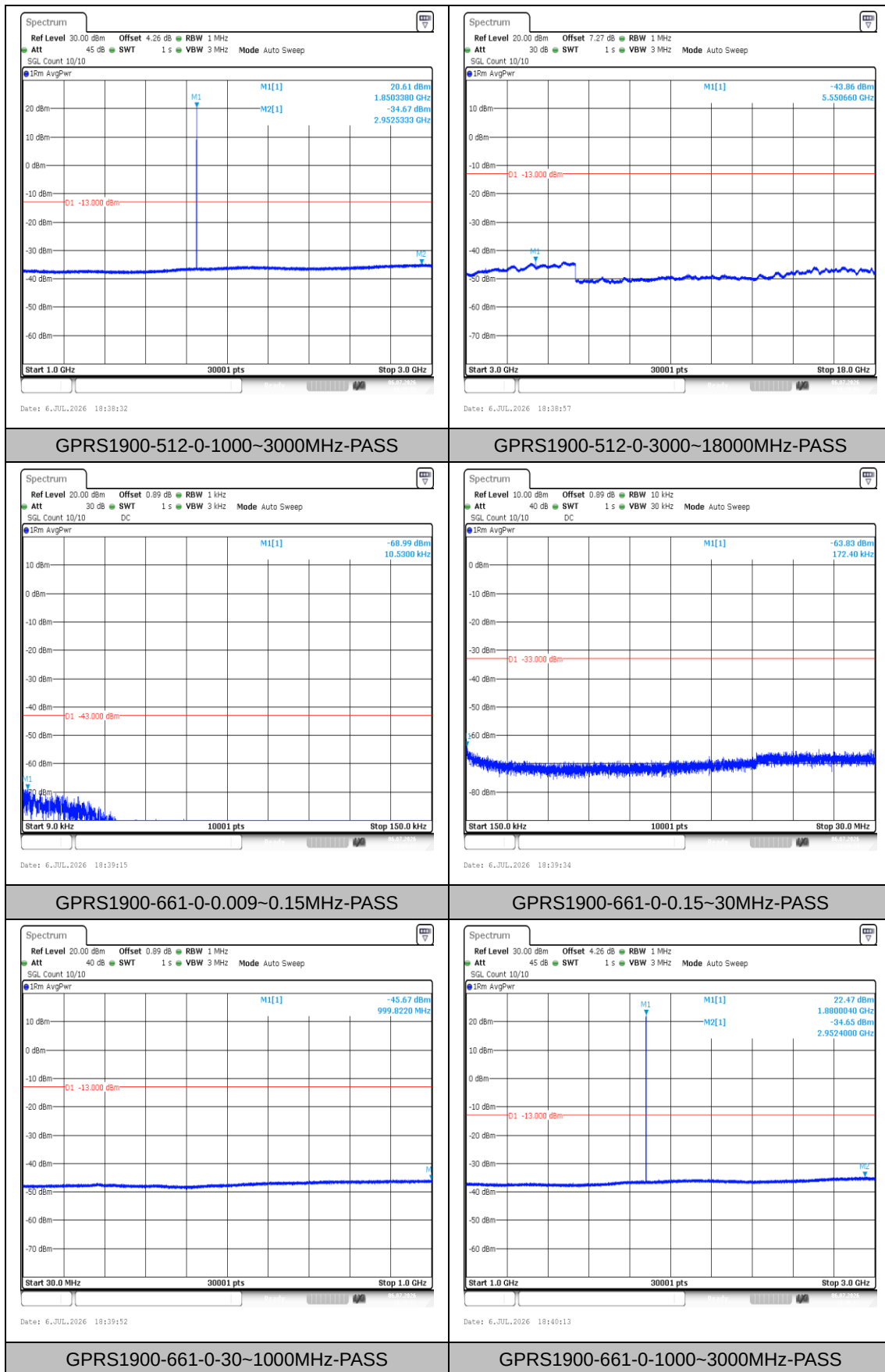


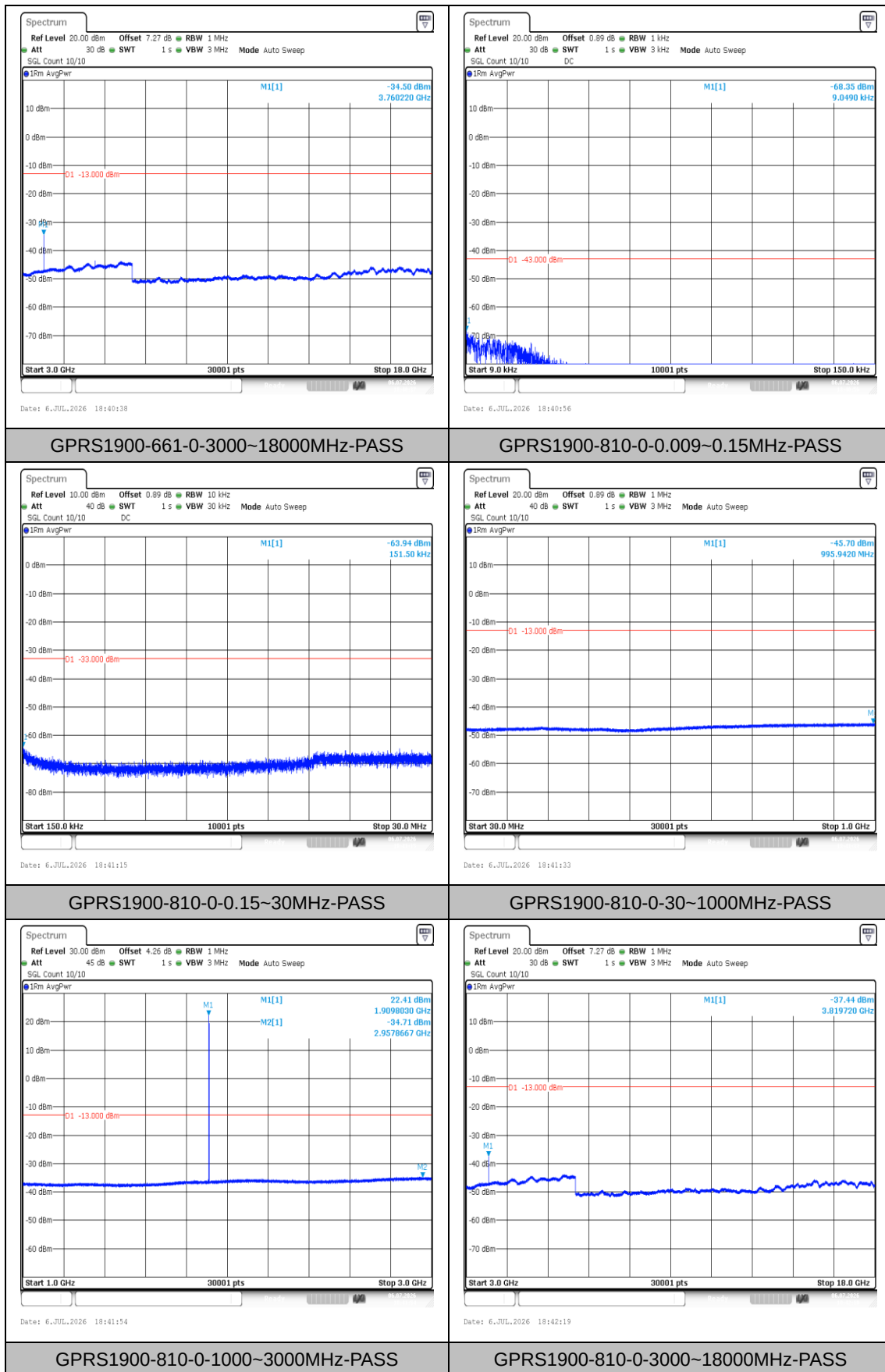


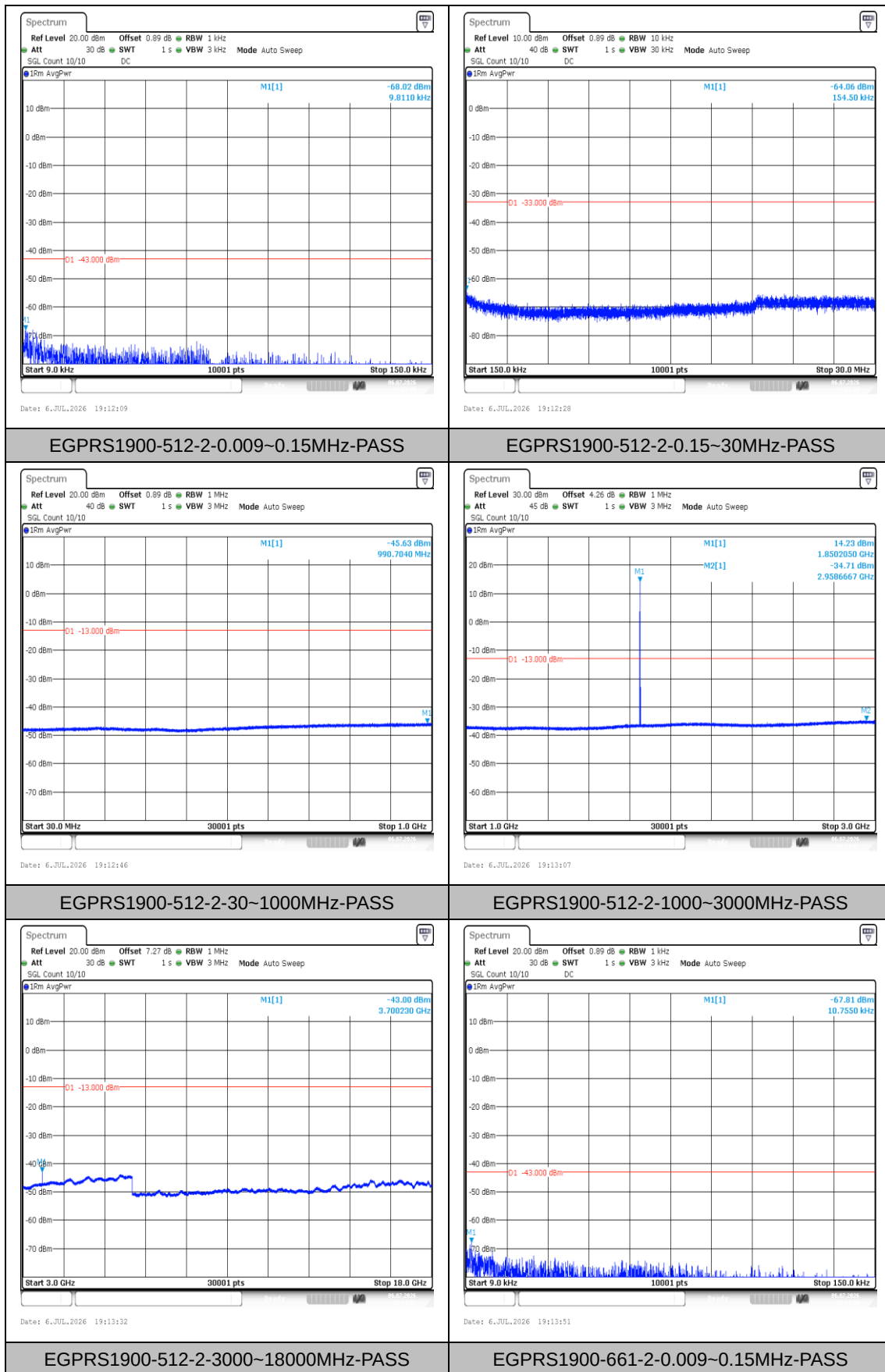


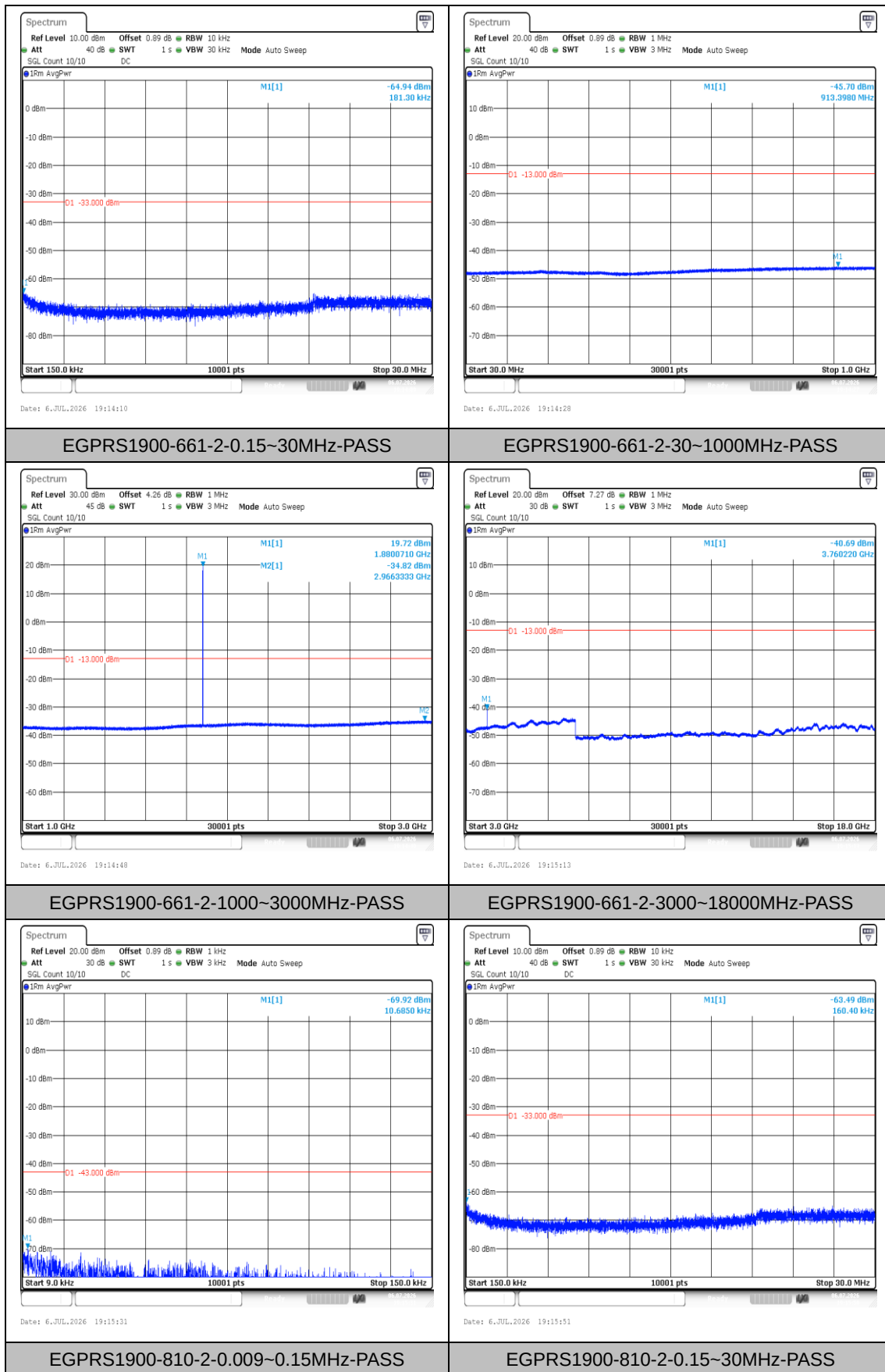


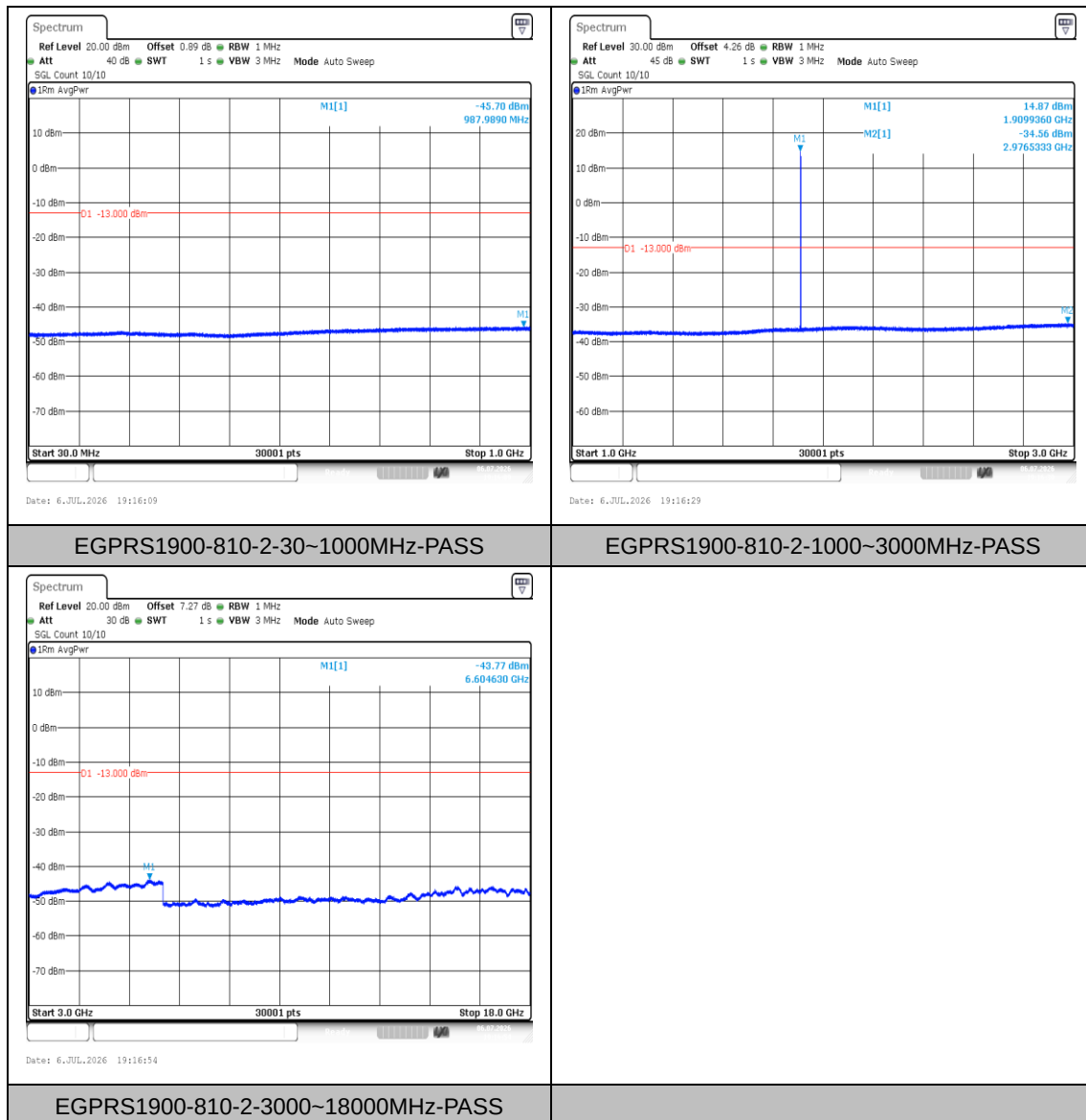












Appendix F: Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	VN	NT	-6.07	-0.007365	±2.5	PASS
GSM850	128	VL	NT	-12.07	-0.014645	±2.5	PASS
GSM850	128	VH	NT	-8.59	-0.010422	±2.5	PASS
GSM850	190	VN	NT	-8.59	-0.010268	±2.5	PASS
GSM850	190	VL	NT	-10.33	-0.012348	±2.5	PASS
GSM850	190	VH	NT	-9.10	-0.010877	±2.5	PASS
GSM850	251	VN	NT	-5.55	-0.006539	±2.5	PASS
GSM850	251	VL	NT	-9.49	-0.011180	±2.5	PASS
GSM850	251	VH	NT	-8.56	-0.010085	±2.5	PASS
GPRS850	128	VN	NT	-8.07	-0.009791	±2.5	PASS
GPRS850	128	VL	NT	-6.88	-0.008347	±2.5	PASS
GPRS850	128	VH	NT	-14.98	-0.018175	±2.5	PASS
GPRS850	190	VN	NT	-9.17	-0.010961	±2.5	PASS
GPRS850	190	VL	NT	-6.94	-0.008295	±2.5	PASS
GPRS850	190	VH	NT	-11.72	-0.014009	±2.5	PASS
GPRS850	251	VN	NT	-8.72	-0.010273	±2.5	PASS
GPRS850	251	VL	NT	-5.26	-0.006197	±2.5	PASS
GPRS850	251	VH	NT	-8.46	-0.009967	±2.5	PASS
EGPRS850	128	VN	NT	-18.40	-0.022325	±2.5	PASS
EGPRS850	128	VL	NT	-5.68	-0.006892	±2.5	PASS
EGPRS850	128	VH	NT	-11.30	-0.013710	±2.5	PASS
EGPRS850	190	VN	NT	-9.91	-0.011846	±2.5	PASS
EGPRS850	190	VL	NT	-11.01	-0.013160	±2.5	PASS
EGPRS850	190	VH	NT	-11.20	-0.013388	±2.5	PASS
EGPRS850	251	VN	NT	-10.36	-0.012205	±2.5	PASS
EGPRS850	251	VL	NT	-9.69	-0.011416	±2.5	PASS
EGPRS850	251	VH	NT	-8.85	-0.010426	±2.5	PASS
GSM1900	512	VN	NT	-10.53	-0.005691	±2.5	PASS
GSM1900	512	VL	NT	-6.59	-0.003562	±2.5	PASS
GSM1900	512	VH	NT	-10.04	-0.005426	±2.5	PASS
GSM1900	661	VN	NT	-14.08	-0.007489	±2.5	PASS
GSM1900	661	VL	NT	-4.36	-0.002319	±2.5	PASS
GSM1900	661	VH	NT	-6.13	-0.003261	±2.5	PASS
GSM1900	810	VN	NT	-11.95	-0.006257	±2.5	PASS

GSM1900	810	VL	NT	-7.68	-0.004021	±2.5	PASS
GSM1900	810	VH	NT	-9.59	-0.005021	±2.5	PASS
GPRS1900	512	VN	NT	-8.85	-0.004783	±2.5	PASS
GPRS1900	512	VL	NT	-8.30	-0.004486	±2.5	PASS
GPRS1900	512	VH	NT	-4.00	-0.002162	±2.5	PASS
GPRS1900	661	VN	NT	-10.75	-0.005718	±2.5	PASS
GPRS1900	661	VL	NT	-8.81	-0.004686	±2.5	PASS
GPRS1900	661	VH	NT	-12.40	-0.006596	±2.5	PASS
GPRS1900	810	VN	NT	-7.72	-0.004042	±2.5	PASS
GPRS1900	810	VL	NT	-8.17	-0.004278	±2.5	PASS
GPRS1900	810	VH	NT	-8.88	-0.004650	±2.5	PASS
EGPRS1900	512	VN	NT	-18.18	-0.009826	±2.5	PASS
EGPRS1900	512	VL	NT	-15.95	-0.008621	±2.5	PASS
EGPRS1900	512	VH	NT	-19.08	-0.010312	±2.5	PASS
EGPRS1900	661	VN	NT	-26.51	-0.014101	±2.5	PASS
EGPRS1900	661	VL	NT	-22.57	-0.012005	±2.5	PASS
EGPRS1900	661	VH	NT	-24.18	-0.012862	±2.5	PASS
EGPRS1900	810	VN	NT	-21.47	-0.011242	±2.5	PASS
EGPRS1900	810	VL	NT	-16.50	-0.008640	±2.5	PASS
EGPRS1900	810	VH	NT	-14.21	-0.007441	±2.5	PASS

Temperature							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	NV	-30	-4.97	-0.006030	±2.5	PASS
GSM850	128	NV	-20	-10.59	-0.012849	±2.5	PASS
GSM850	128	NV	-10	-10.75	-0.013043	±2.5	PASS
GSM850	128	NV	0	-9.81	-0.011902	±2.5	PASS
GSM850	128	NV	10	-11.36	-0.013783	±2.5	PASS
GSM850	128	NV	20	-8.62	-0.010459	±2.5	PASS
GSM850	128	NV	30	-11.66	-0.014147	±2.5	PASS
GSM850	128	NV	40	-11.88	-0.014414	±2.5	PASS

GSM850	128	NV	50	-9.49	-0.011514	±2.5	PASS
GSM850	190	NV	-30	-9.49	-0.011344	±2.5	PASS
GSM850	190	NV	-20	-10.23	-0.012228	±2.5	PASS
GSM850	190	NV	-10	-9.04	-0.010806	±2.5	PASS
GSM850	190	NV	0	-13.04	-0.015587	±2.5	PASS
GSM850	190	NV	10	-9.27	-0.011081	±2.5	PASS
GSM850	190	NV	20	-11.33	-0.013543	±2.5	PASS
GSM850	190	NV	30	-10.30	-0.012312	±2.5	PASS
GSM850	190	NV	40	-9.62	-0.011499	±2.5	PASS
GSM850	190	NV	50	-11.43	-0.013662	±2.5	PASS
GSM850	251	NV	-30	-6.65	-0.007835	±2.5	PASS
GSM850	251	NV	-20	-5.94	-0.006998	±2.5	PASS
GSM850	251	NV	-10	-9.07	-0.010686	±2.5	PASS
GSM850	251	NV	0	-7.65	-0.009013	±2.5	PASS
GSM850	251	NV	10	-8.46	-0.009967	±2.5	PASS
GSM850	251	NV	20	-8.52	-0.010038	±2.5	PASS
GSM850	251	NV	30	-6.62	-0.007799	±2.5	PASS
GSM850	251	NV	40	-9.75	-0.011487	±2.5	PASS
GSM850	251	NV	50	-9.49	-0.011180	±2.5	PASS
GPRS850	128	NV	-30	-5.62	-0.006819	±2.5	PASS
GPRS850	128	NV	-20	-5.81	-0.007049	±2.5	PASS
GPRS850	128	NV	-10	-7.85	-0.009524	±2.5	PASS
GPRS850	128	NV	0	-7.23	-0.008772	±2.5	PASS
GPRS850	128	NV	10	-10.40	-0.012618	±2.5	PASS
GPRS850	128	NV	20	-9.20	-0.011162	±2.5	PASS
GPRS850	128	NV	30	-9.72	-0.011793	±2.5	PASS
GPRS850	128	NV	40	-8.91	-0.010810	±2.5	PASS
GPRS850	128	NV	50	-11.07	-0.013431	±2.5	PASS
GPRS850	190	NV	-30	-8.56	-0.010232	±2.5	PASS
GPRS850	190	NV	-20	-10.62	-0.012694	±2.5	PASS
GPRS850	190	NV	-10	-11.30	-0.013507	±2.5	PASS
GPRS850	190	NV	0	-10.14	-0.012120	±2.5	PASS
GPRS850	190	NV	10	-8.72	-0.010423	±2.5	PASS
GPRS850	190	NV	20	-9.43	-0.011272	±2.5	PASS
GPRS850	190	NV	30	-10.36	-0.012383	±2.5	PASS
GPRS850	190	NV	40	-10.56	-0.012623	±2.5	PASS
GPRS850	190	NV	50	-9.81	-0.011726	±2.5	PASS
GPRS850	251	NV	-30	-6.23	-0.007340	±2.5	PASS
GPRS850	251	NV	-20	-2.00	-0.002356	±2.5	PASS
GPRS850	251	NV	-10	-10.01	-0.011793	±2.5	PASS
GPRS850	251	NV	0	-11.01	-0.012971	±2.5	PASS

GPRS850	251	NV	10	-10.98	-0.012936	±2.5	PASS
GPRS850	251	NV	20	-9.69	-0.011416	±2.5	PASS
GPRS850	251	NV	30	-12.33	-0.014526	±2.5	PASS
GPRS850	251	NV	40	-12.33	-0.014526	±2.5	PASS
GPRS850	251	NV	50	-9.94	-0.011711	±2.5	PASS
EGPRS850	128	NV	-30	-9.23	-0.011199	±2.5	PASS
EGPRS850	128	NV	-20	-10.33	-0.012533	±2.5	PASS
EGPRS850	128	NV	-10	-8.62	-0.010459	±2.5	PASS
EGPRS850	128	NV	0	-8.85	-0.010738	±2.5	PASS
EGPRS850	128	NV	10	-8.27	-0.010034	±2.5	PASS
EGPRS850	128	NV	20	-9.46	-0.011478	±2.5	PASS
EGPRS850	128	NV	30	-10.59	-0.012849	±2.5	PASS
EGPRS850	128	NV	40	-9.46	-0.011478	±2.5	PASS
EGPRS850	128	NV	50	-12.04	-0.014608	±2.5	PASS
EGPRS850	190	NV	-30	-9.78	-0.011690	±2.5	PASS
EGPRS850	190	NV	-20	-12.82	-0.015324	±2.5	PASS
EGPRS850	190	NV	-10	-12.72	-0.015204	±2.5	PASS
EGPRS850	190	NV	0	-15.50	-0.018527	±2.5	PASS
EGPRS850	190	NV	10	-15.50	-0.018527	±2.5	PASS
EGPRS850	190	NV	20	-16.34	-0.019531	±2.5	PASS
EGPRS850	190	NV	30	-11.04	-0.013196	±2.5	PASS
EGPRS850	190	NV	40	-12.04	-0.014392	±2.5	PASS
EGPRS850	190	NV	50	-11.27	-0.013471	±2.5	PASS
EGPRS850	251	NV	-30	-11.40	-0.013431	±2.5	PASS
EGPRS850	251	NV	-20	-13.85	-0.016317	±2.5	PASS
EGPRS850	251	NV	-10	-17.31	-0.020393	±2.5	PASS
EGPRS850	251	NV	0	-15.79	-0.018603	±2.5	PASS
EGPRS850	251	NV	10	-17.24	-0.020311	±2.5	PASS
EGPRS850	251	NV	20	-12.66	-0.014915	±2.5	PASS
EGPRS850	251	NV	30	-14.95	-0.017613	±2.5	PASS
EGPRS850	251	NV	40	-16.21	-0.019098	±2.5	PASS
EGPRS850	251	NV	50	-16.05	-0.018909	±2.5	PASS
GSM1900	512	NV	-30	-7.62	-0.004118	±2.5	PASS
GSM1900	512	NV	-20	-19.60	-0.010593	±2.5	PASS
GSM1900	512	NV	-10	-21.99	-0.011885	±2.5	PASS
GSM1900	512	NV	0	-21.02	-0.011361	±2.5	PASS
GSM1900	512	NV	10	-19.98	-0.010799	±2.5	PASS
GSM1900	512	NV	20	-28.15	-0.015215	±2.5	PASS
GSM1900	512	NV	30	-19.82	-0.010712	±2.5	PASS
GSM1900	512	NV	40	-23.57	-0.012739	±2.5	PASS
GSM1900	512	NV	50	-23.41	-0.012653	±2.5	PASS

GSM1900	661	NV	-30	-5.23	-0.002782	±2.5	PASS
GSM1900	661	NV	-20	-5.94	-0.003160	±2.5	PASS
GSM1900	661	NV	-10	-24.44	-0.013000	±2.5	PASS
GSM1900	661	NV	0	-21.76	-0.011574	±2.5	PASS
GSM1900	661	NV	10	-17.85	-0.009495	±2.5	PASS
GSM1900	661	NV	20	-22.76	-0.012106	±2.5	PASS
GSM1900	661	NV	30	-18.76	-0.009979	±2.5	PASS
GSM1900	661	NV	40	-21.02	-0.011181	±2.5	PASS
GSM1900	661	NV	50	-21.70	-0.011543	±2.5	PASS
GSM1900	810	NV	-30	-6.30	-0.003299	±2.5	PASS
GSM1900	810	NV	-20	-9.72	-0.005090	±2.5	PASS
GSM1900	810	NV	-10	-12.17	-0.006372	±2.5	PASS
GSM1900	810	NV	0	-15.95	-0.008352	±2.5	PASS
GSM1900	810	NV	10	-12.17	-0.006372	±2.5	PASS
GSM1900	810	NV	20	-17.76	-0.009299	±2.5	PASS
GSM1900	810	NV	30	-13.20	-0.006912	±2.5	PASS
GSM1900	810	NV	40	-11.20	-0.005864	±2.5	PASS
GSM1900	810	NV	50	-17.40	-0.009111	±2.5	PASS
GPRS1900	512	NV	-30	-9.10	-0.004918	±2.5	PASS
GPRS1900	512	NV	-20	-2.36	-0.001276	±2.5	PASS
GPRS1900	512	NV	-10	2.65	0.001432	±2.5	PASS
GPRS1900	512	NV	0	-5.29	-0.002859	±2.5	PASS
GPRS1900	512	NV	10	-0.97	-0.000524	±2.5	PASS
GPRS1900	512	NV	20	-1.45	-0.000784	±2.5	PASS
GPRS1900	512	NV	30	-3.36	-0.001816	±2.5	PASS
GPRS1900	512	NV	40	-7.81	-0.004221	±2.5	PASS
GPRS1900	512	NV	50	0.19	0.000103	±2.5	PASS
GPRS1900	661	NV	-30	-10.01	-0.005324	±2.5	PASS
GPRS1900	661	NV	-20	-7.94	-0.004223	±2.5	PASS
GPRS1900	661	NV	-10	-8.17	-0.004346	±2.5	PASS
GPRS1900	661	NV	0	-7.20	-0.003830	±2.5	PASS
GPRS1900	661	NV	10	-6.42	-0.003415	±2.5	PASS
GPRS1900	661	NV	20	-8.17	-0.004346	±2.5	PASS
GPRS1900	661	NV	30	-7.91	-0.004207	±2.5	PASS
GPRS1900	661	NV	40	-6.17	-0.003282	±2.5	PASS
GPRS1900	661	NV	50	-5.81	-0.003090	±2.5	PASS
GPRS1900	810	NV	-30	-9.85	-0.005158	±2.5	PASS
GPRS1900	810	NV	-20	-11.24	-0.005885	±2.5	PASS
GPRS1900	810	NV	-10	-7.23	-0.003786	±2.5	PASS
GPRS1900	810	NV	0	-8.43	-0.004414	±2.5	PASS
GPRS1900	810	NV	10	-8.52	-0.004461	±2.5	PASS

GPRS1900	810	NV	20	-3.75	-0.001964	±2.5	PASS
GPRS1900	810	NV	30	-8.75	-0.004582	±2.5	PASS
GPRS1900	810	NV	40	-8.43	-0.004414	±2.5	PASS
GPRS1900	810	NV	50	-9.40	-0.004922	±2.5	PASS
EGPRS1900	512	NV	-30	-24.34	-0.013155	±2.5	PASS
EGPRS1900	512	NV	-20	-15.82	-0.008550	±2.5	PASS
EGPRS1900	512	NV	-10	-17.40	-0.009404	±2.5	PASS
EGPRS1900	512	NV	0	-21.31	-0.011518	±2.5	PASS
EGPRS1900	512	NV	10	-21.95	-0.011864	±2.5	PASS
EGPRS1900	512	NV	20	-20.53	-0.011096	±2.5	PASS
EGPRS1900	512	NV	30	-21.50	-0.011620	±2.5	PASS
EGPRS1900	512	NV	40	-26.76	-0.014463	±2.5	PASS
EGPRS1900	512	NV	50	-18.11	-0.009788	±2.5	PASS
EGPRS1900	661	NV	-30	-21.66	-0.011521	±2.5	PASS
EGPRS1900	661	NV	-20	-20.60	-0.010957	±2.5	PASS
EGPRS1900	661	NV	-10	-19.37	-0.010303	±2.5	PASS
EGPRS1900	661	NV	0	-18.40	-0.009787	±2.5	PASS
EGPRS1900	661	NV	10	-17.56	-0.009340	±2.5	PASS
EGPRS1900	661	NV	20	-26.02	-0.013840	±2.5	PASS
EGPRS1900	661	NV	30	-17.63	-0.009378	±2.5	PASS
EGPRS1900	661	NV	40	-17.95	-0.009548	±2.5	PASS
EGPRS1900	661	NV	50	-22.83	-0.012144	±2.5	PASS
EGPRS1900	810	NV	-30	-22.86	-0.011970	±2.5	PASS

EGPRS190 0	810	NV	-20	-15.95	-0.008352	±2.5	PASS
EGPRS190 0	810	NV	-10	-23.18	-0.012137	±2.5	PASS
EGPRS190 0	810	NV	0	-22.24	-0.011645	±2.5	PASS
EGPRS190 0	810	NV	10	-24.34	-0.012745	±2.5	PASS
EGPRS190 0	810	NV	20	-15.79	-0.008268	±2.5	PASS
EGPRS190 0	810	NV	30	-20.15	-0.010551	±2.5	PASS
EGPRS190 0	810	NV	40	-20.89	-0.010938	±2.5	PASS
EGPRS190 0	810	NV	50	-15.56	-0.008147	±2.5	PASS

Appendix G: Modulation Characteristics

Test Result

Band	Channel	Result	Verdict
GSM850	128	PASS	PASS
GSM850	190	PASS	PASS
GSM850	251	PASS	PASS
GPRS850	128	PASS	PASS
GPRS850	190	PASS	PASS
GPRS850	251	PASS	PASS
EGPRS850	128	PASS	PASS
EGPRS850	190	PASS	PASS
EGPRS850	251	PASS	PASS
GSM1900	512	PASS	PASS
GSM1900	661	PASS	PASS
GSM1900	810	PASS	PASS
GPRS1900	512	PASS	PASS
GPRS1900	661	PASS	PASS
GPRS1900	810	PASS	PASS
EGPRS1900	512	PASS	PASS
EGPRS1900	661	PASS	PASS
EGPRS1900	810	PASS	PASS