

Appendix-A GSM

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Channel	Slot	Power(dBm)	ERP(dBm)	Limit(dBm)	Verdict
GPRS850	128	1	33.19	32.65	38.45	PASS
GPRS850	190	1	33.05	32.51	38.45	PASS
GPRS850	251	1	33.39	32.85	38.45	PASS
GPRS850	128	2	32.19	31.65	38.45	PASS
GPRS850	190	2	32.03	31.49	38.45	PASS
GPRS850	251	2	32.31	31.77	38.45	PASS
GPRS850	128	3	30.10	29.56	38.45	PASS
GPRS850	190	3	30.21	29.67	38.45	PASS
GPRS850	251	3	30.58	30.04	38.45	PASS
GPRS850	128	4	29.23	28.69	38.45	PASS
GPRS850	190	4	29.41	28.87	38.45	PASS
GPRS850	251	4	29.81	29.27	38.45	PASS
EGPRS850	128	1	26.32	25.78	38.45	PASS
EGPRS850	190	1	26.38	25.84	38.45	PASS
EGPRS850	251	1	26.72	26.18	38.45	PASS
EGPRS850	128	2	25.35	24.81	38.45	PASS
EGPRS850	190	2	25.42	24.88	38.45	PASS
EGPRS850	251	2	25.48	24.94	38.45	PASS
EGPRS850	128	3	23.26	22.72	38.45	PASS
EGPRS850	190	3	23.41	22.87	38.45	PASS
EGPRS850	251	3	22.36	21.82	38.45	PASS
EGPRS850	128	4	22.21	21.67	38.45	PASS
EGPRS850	190	4	22.65	22.11	38.45	PASS
EGPRS850	251	4	22.57	22.03	38.45	PASS

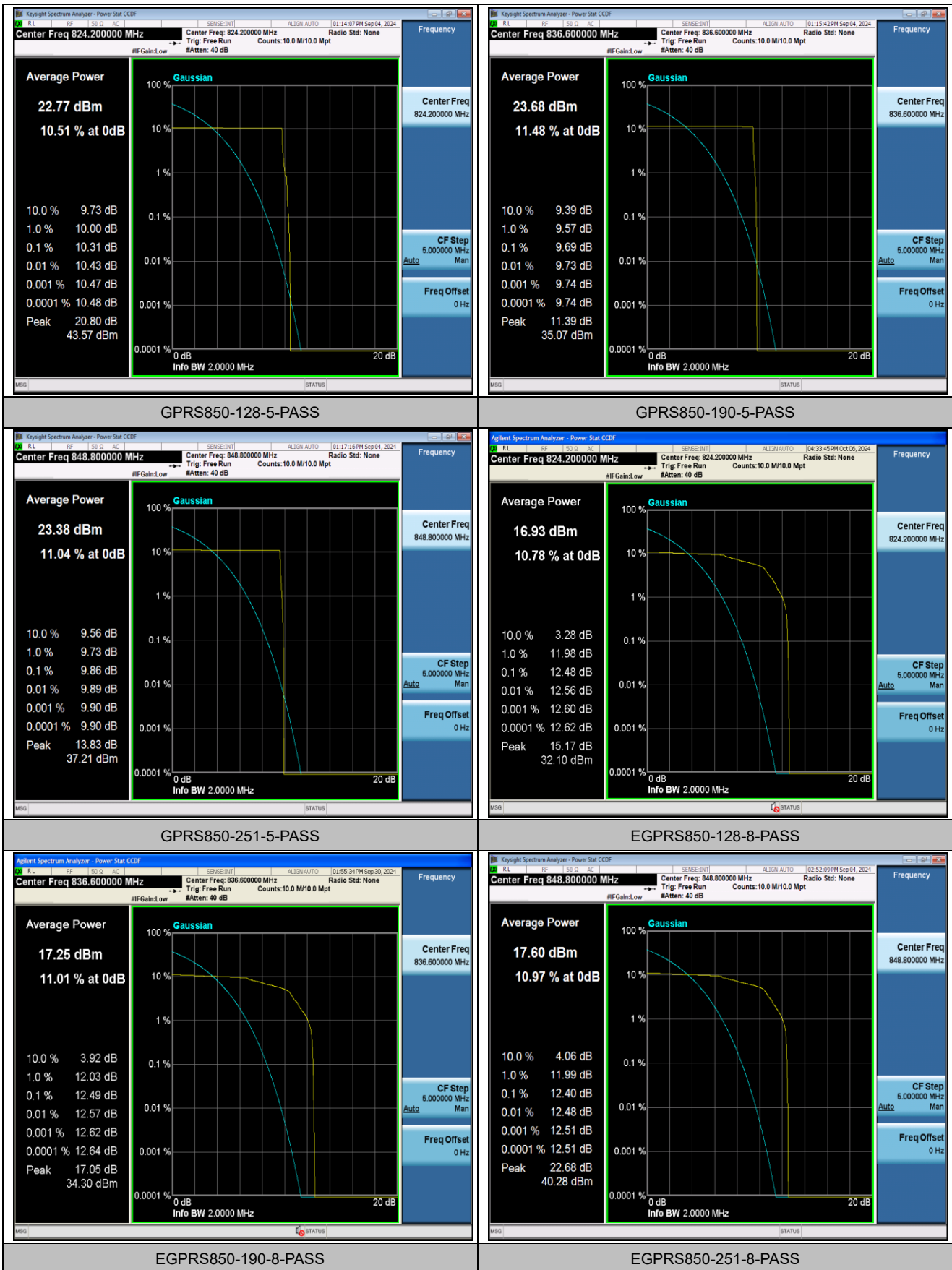
Band	Channel	Slot	Power(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
GPRS1900	512	1	30.69	31.69	33.01	PASS
GPRS1900	661	1	31.15	32.15	33.01	PASS
GPRS1900	810	1	30.93	31.93	33.01	PASS
GPRS1900	512	2	29.17	30.17	33.01	PASS
GPRS1900	661	2	29.67	30.67	33.01	PASS
GPRS1900	810	2	29.34	30.34	33.01	PASS
GPRS1900	512	3	27.01	28.01	33.01	PASS
GPRS1900	661	3	27.53	28.53	33.01	PASS
GPRS1900	810	3	27.15	28.15	33.01	PASS
GPRS1900	512	4	25.78	26.78	33.01	PASS
GPRS1900	661	4	26.33	27.33	33.01	PASS
GPRS1900	810	4	26.13	27.13	33.01	PASS
EGPRS1900	512	1	25.99	26.99	33.01	PASS
EGPRS1900	661	1	26.24	27.24	33.01	PASS
EGPRS1900	810	1	25.86	26.86	33.01	PASS
EGPRS1900	512	2	25.12	26.12	33.01	PASS
EGPRS1900	661	2	25.45	26.45	33.01	PASS
EGPRS1900	810	2	25.05	26.05	33.01	PASS
EGPRS1900	512	3	23.09	24.09	33.01	PASS
EGPRS1900	661	3	23.39	24.39	33.01	PASS
EGPRS1900	810	3	23.00	24	33.01	PASS
EGPRS1900	512	4	21.93	22.93	33.01	PASS
EGPRS1900	661	4	22.58	23.58	33.01	PASS
EGPRS1900	810	4	22.16	23.16	33.01	PASS

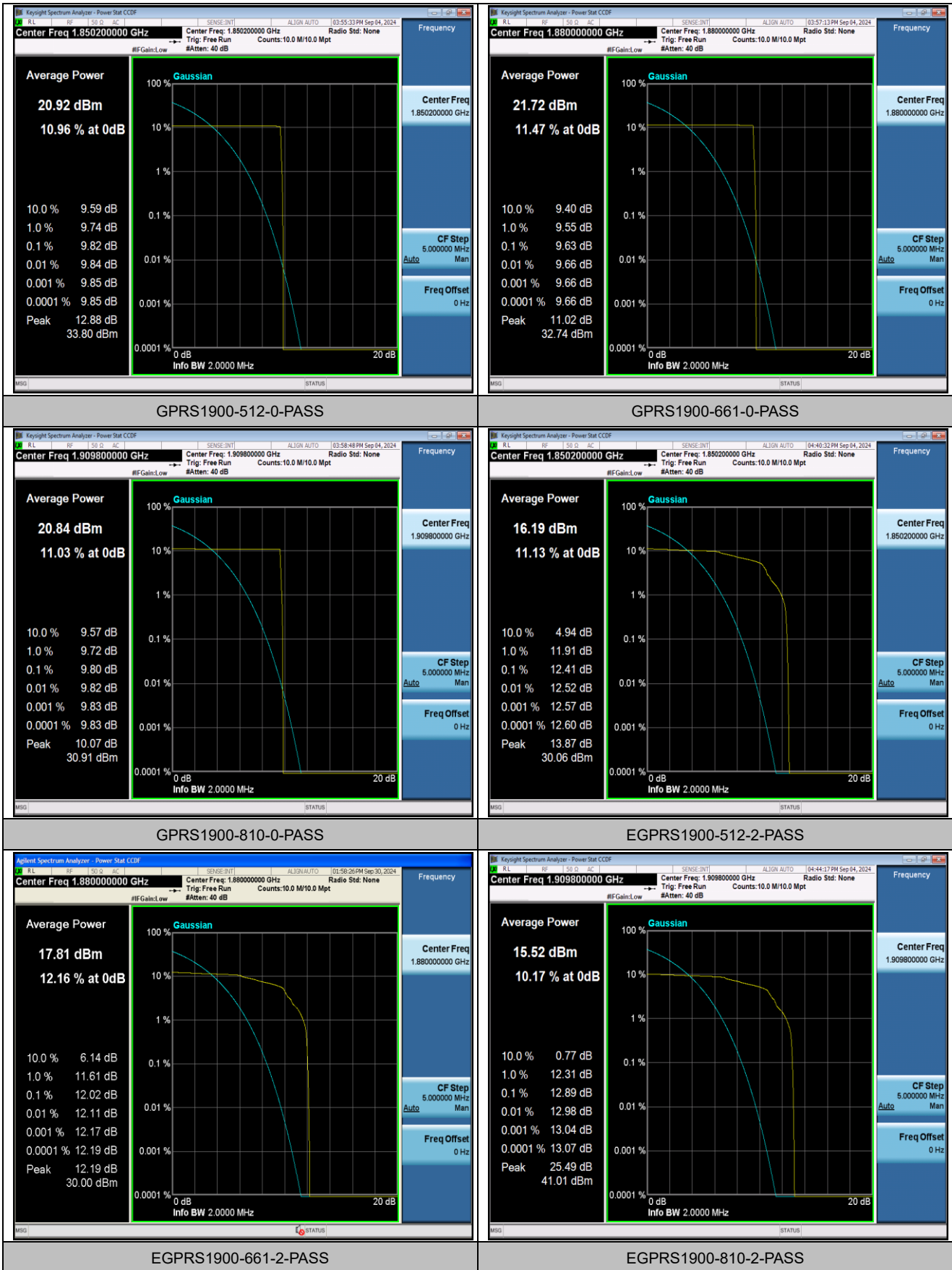
Peak-to-Average Ratio(CCDF)

Test Result

Band	Channel	Result(dB)	Limit(dB)	Verdict
GPRS850	128	10.31	13	PASS
GPRS850	190	9.69	13	PASS
GPRS850	251	9.86	13	PASS
EGPRS850	128	12.48	13	PASS
EGPRS850	190	12.49	13	PASS
EGPRS850	251	12.40	13	PASS
GPRS1900	512	9.82	13	PASS
GPRS1900	661	9.63	13	PASS
GPRS1900	810	9.80	13	PASS
EGPRS1900	512	12.41	13	PASS
EGPRS1900	661	12.02	13	PASS
EGPRS1900	810	12.89	13	PASS

Test Graphs



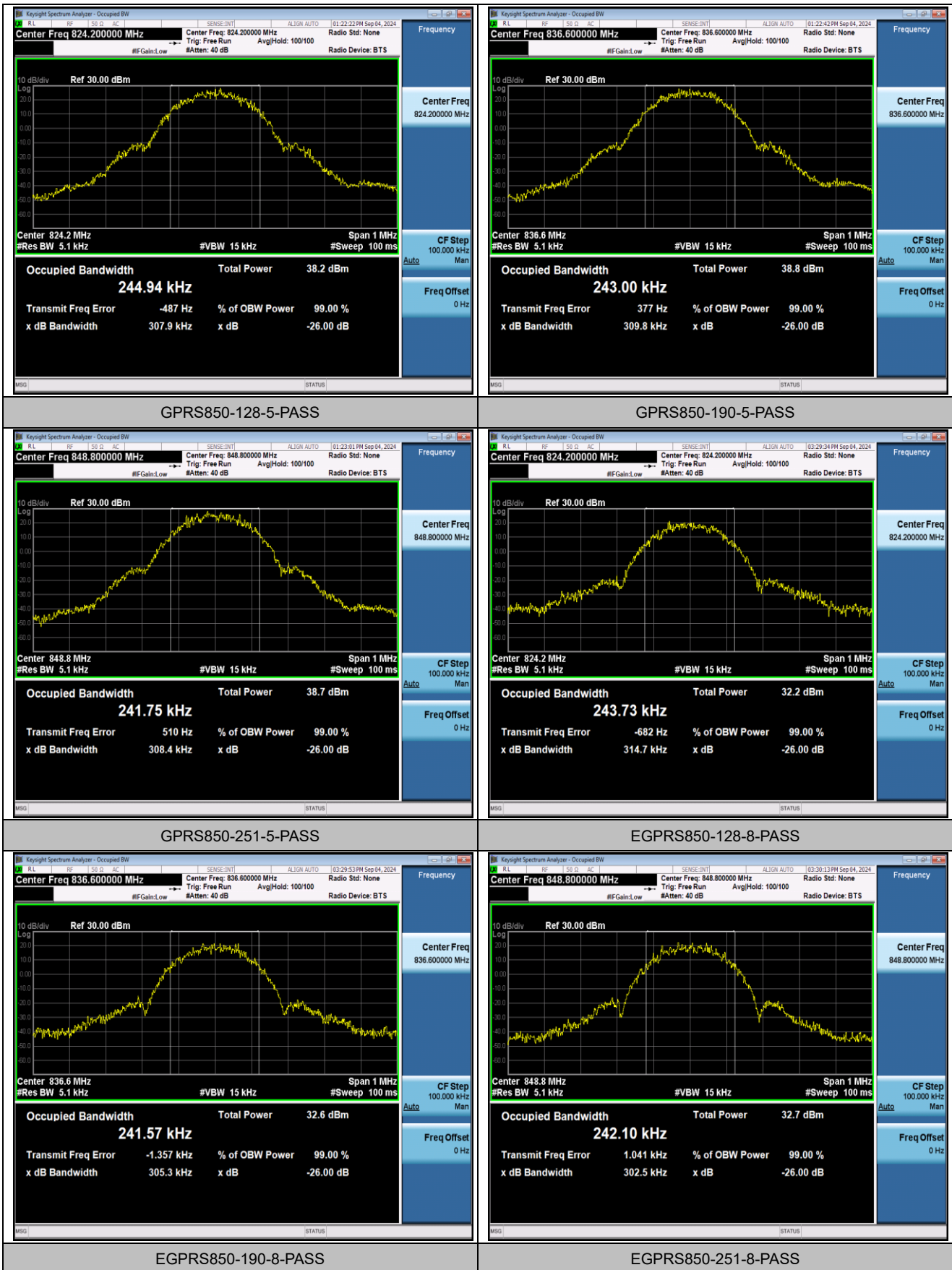


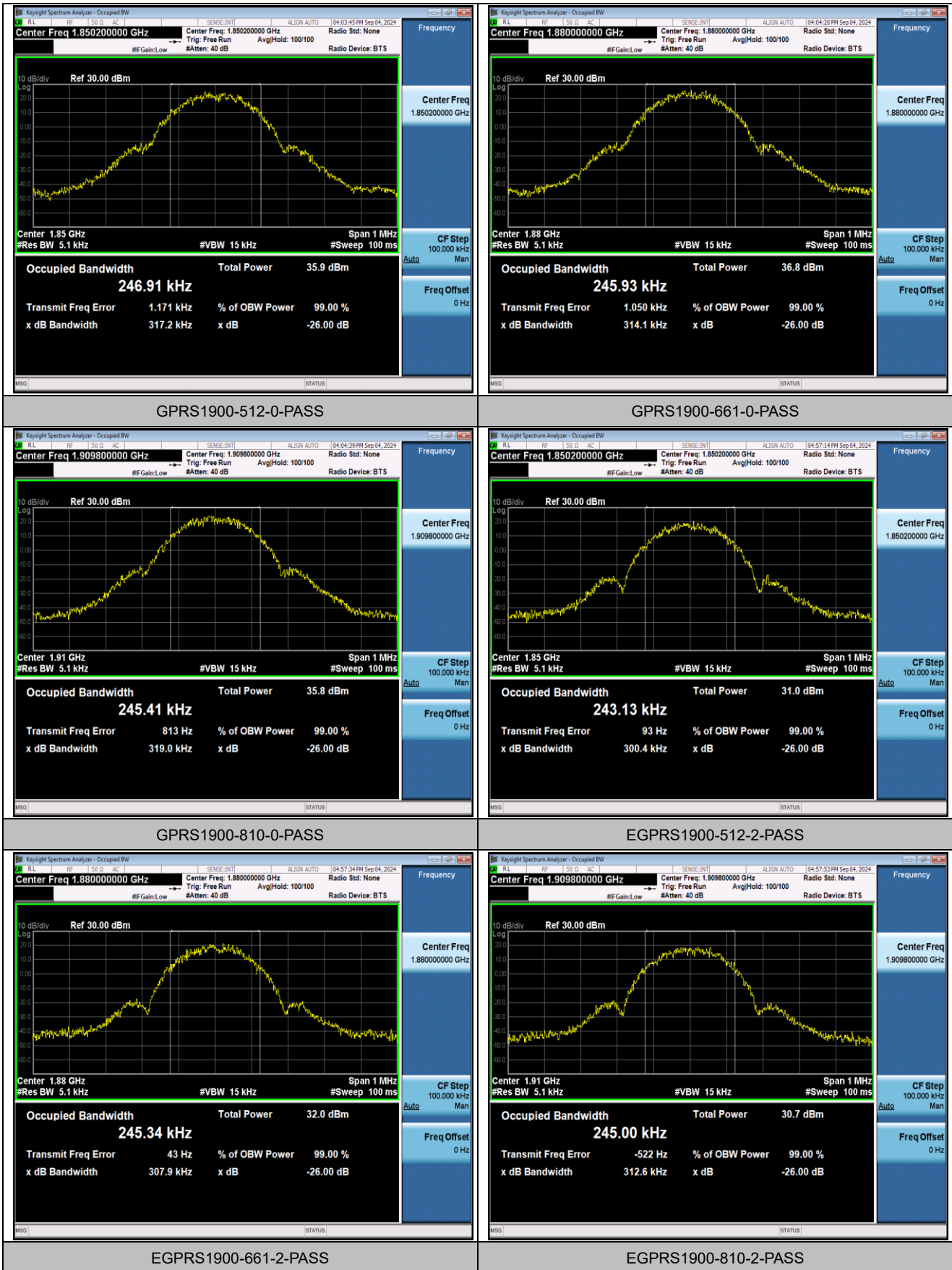
26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
GPRS850	128	0.24494	0.3079	---	PASS
GPRS850	190	0.24300	0.3098	---	PASS
GPRS850	251	0.24175	0.3084	---	PASS
EGPRS850	128	0.24373	0.3147	---	PASS
EGPRS850	190	0.24157	0.3053	---	PASS
EGPRS850	251	0.24210	0.3025	---	PASS
GPRS1900	512	0.24691	0.3172	---	PASS
GPRS1900	661	0.24593	0.3141	---	PASS
GPRS1900	810	0.24541	0.3190	---	PASS
EGPRS1900	512	0.24313	0.3004	---	PASS
EGPRS1900	661	0.24534	0.3079	---	PASS
EGPRS1900	810	0.24500	0.3126	---	PASS

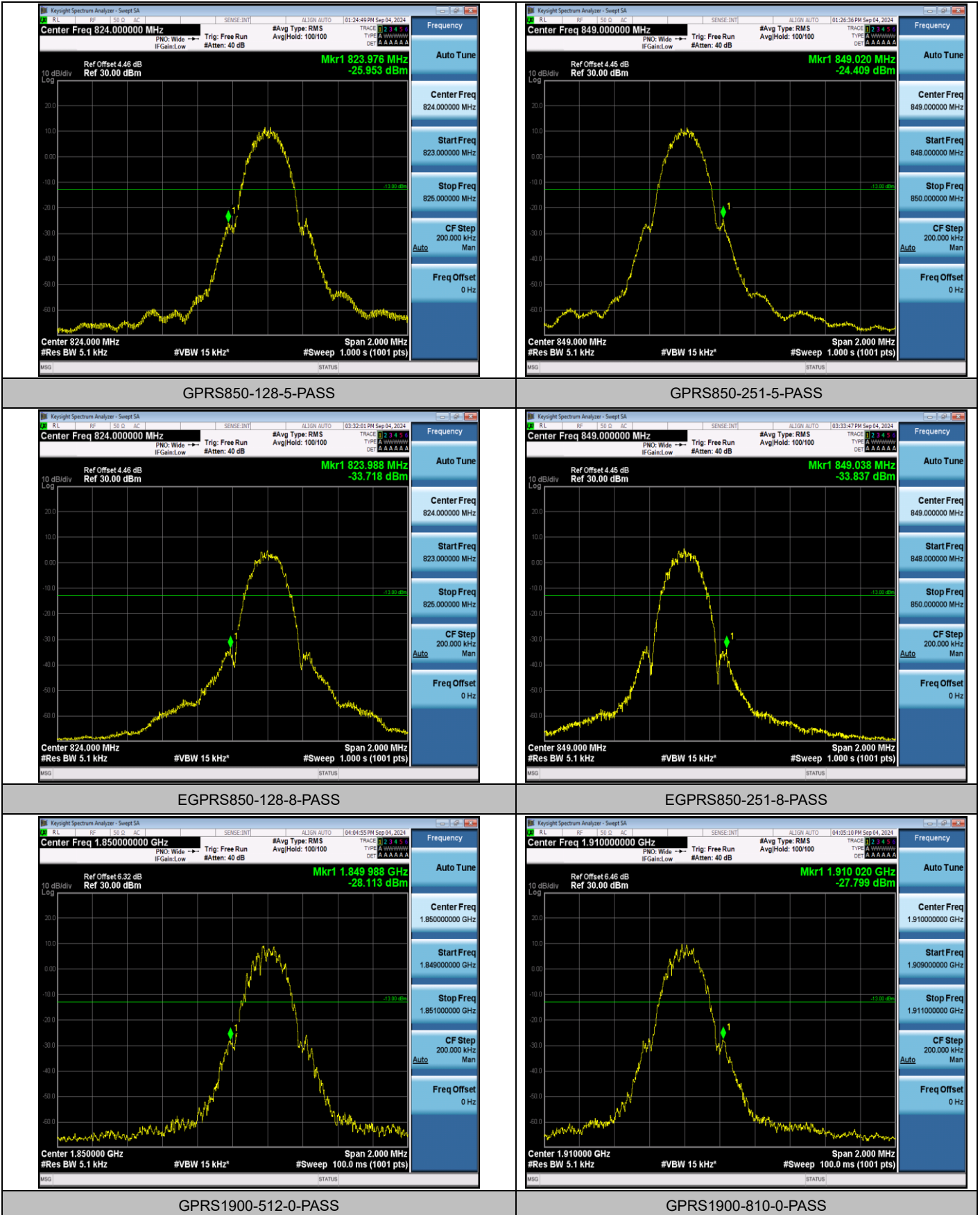
Test Graphs

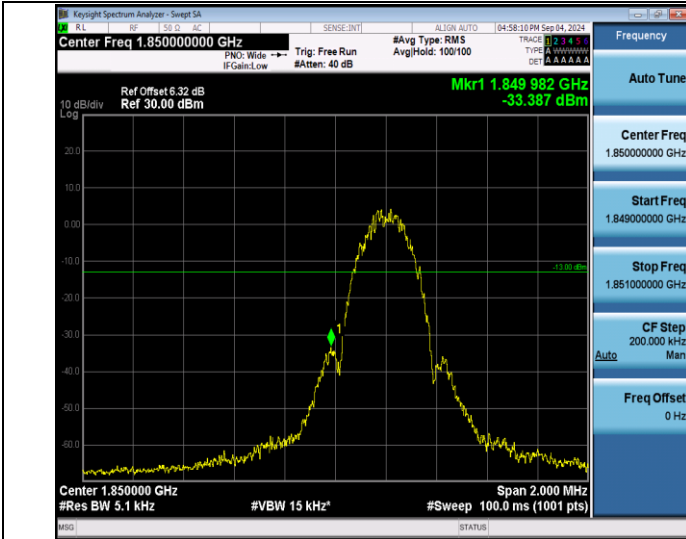




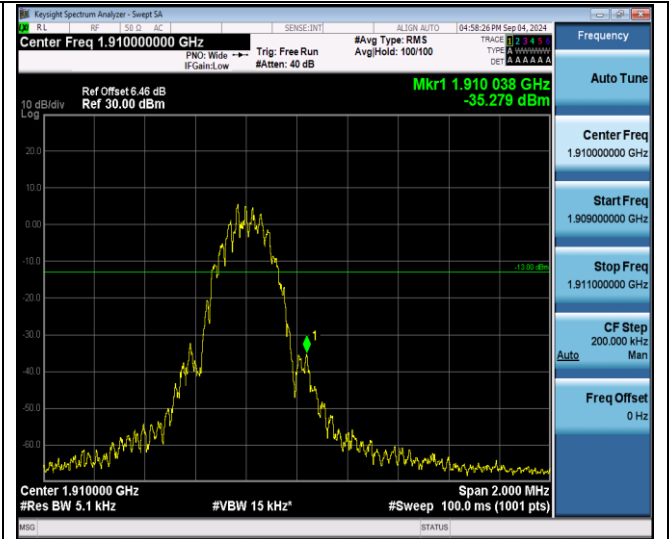
Band Edge

Test Graphs





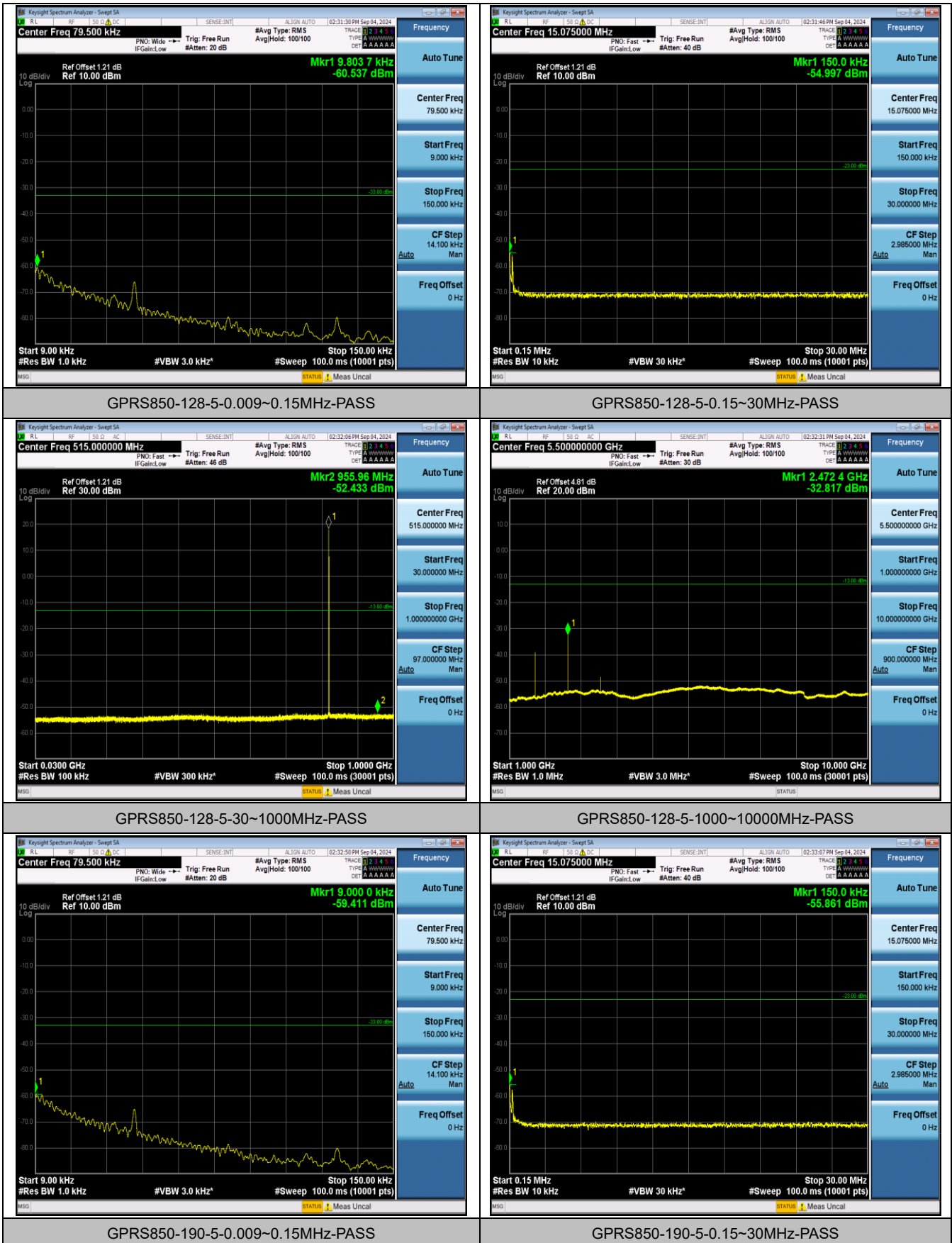
EGPRS1900-512-2-PASS

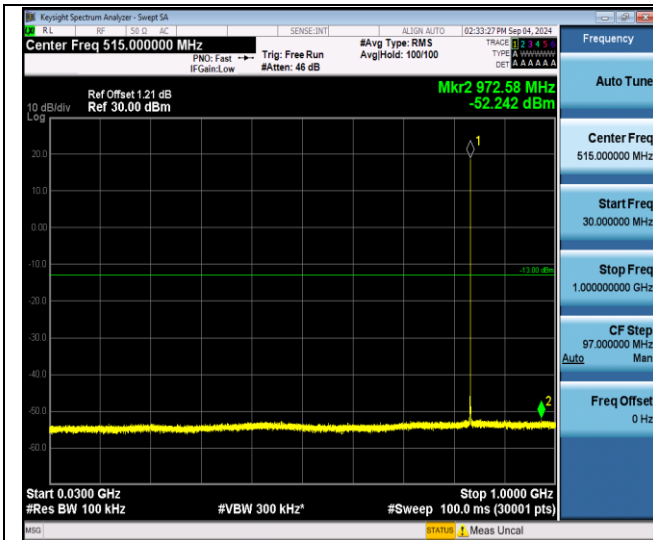


EGPRS1900-810-2-PASS

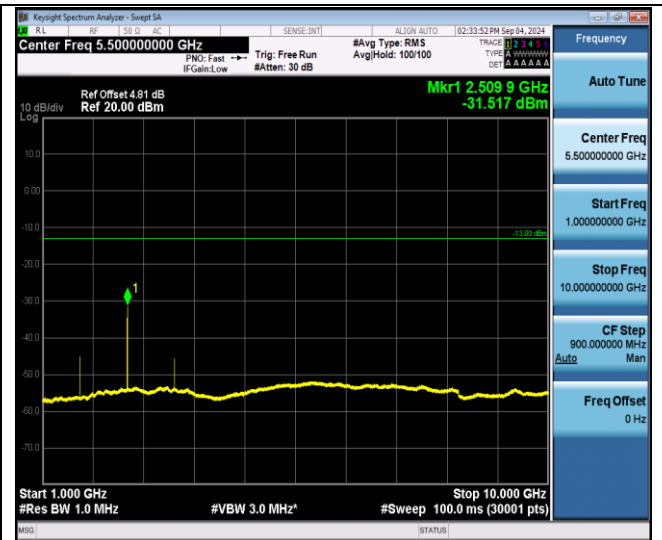
Conducted Spurious Emission

Test Graphs





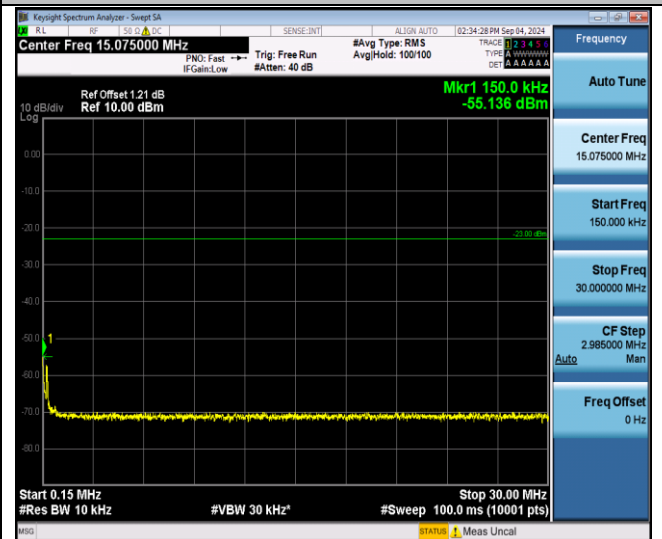
GPRS850-190-5-30~1000MHz-PASS



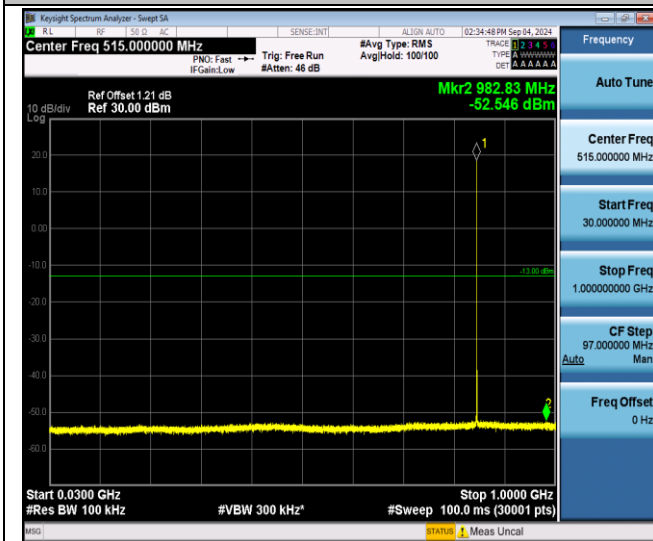
GPRS850-190-5-1000~1000MHz-PASS



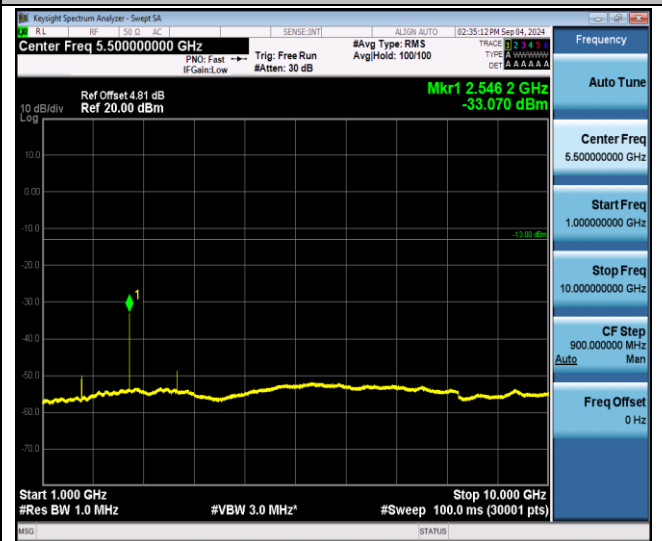
GPRS850-251-5-0.009~0.15MHz-PASS



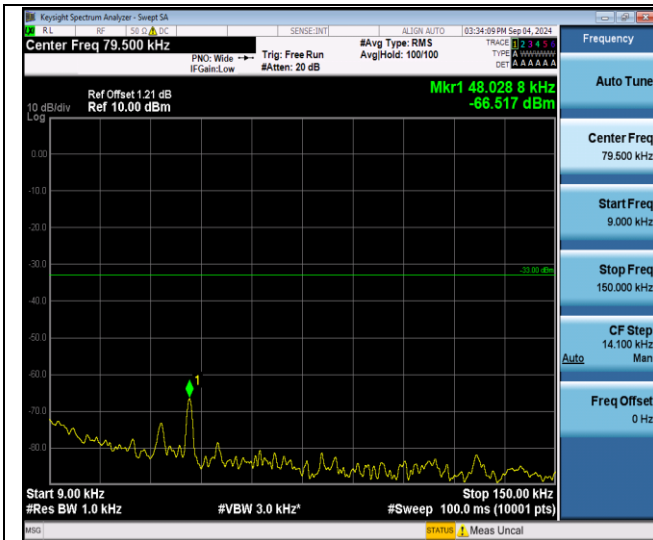
GPRS850-251-5-0.15~30MHz-PASS



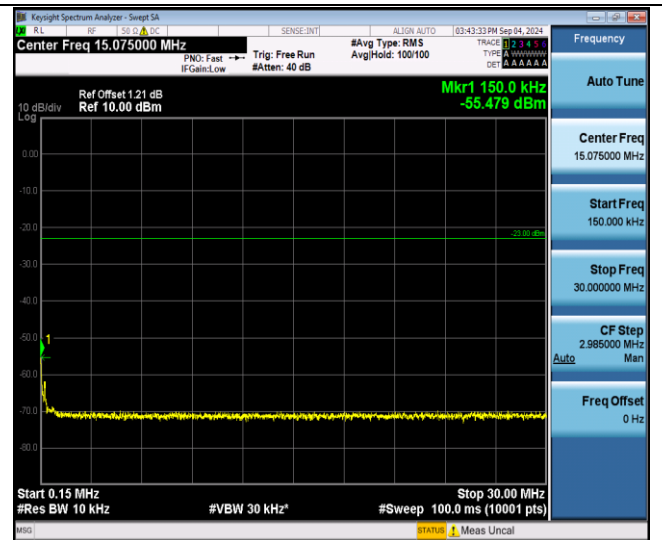
GPRS850-251-5-30~1000MHz-PASS



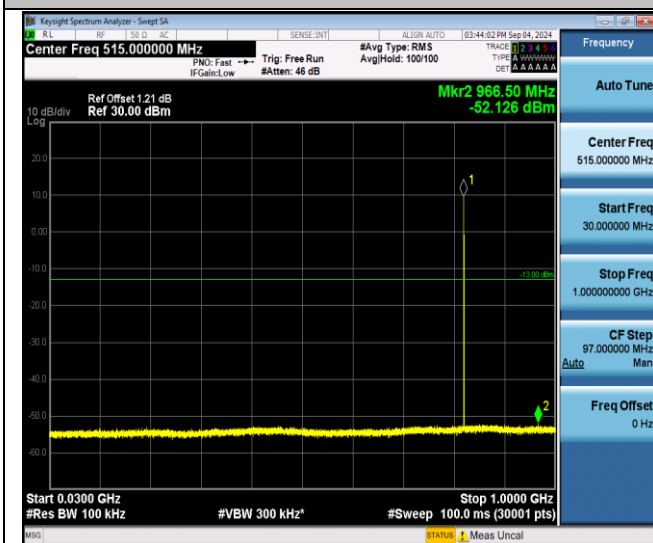
GPRS850-251-5-1000~1000MHz-PASS



EGPRS850-128-8-0.009~0.15MHz-PASS



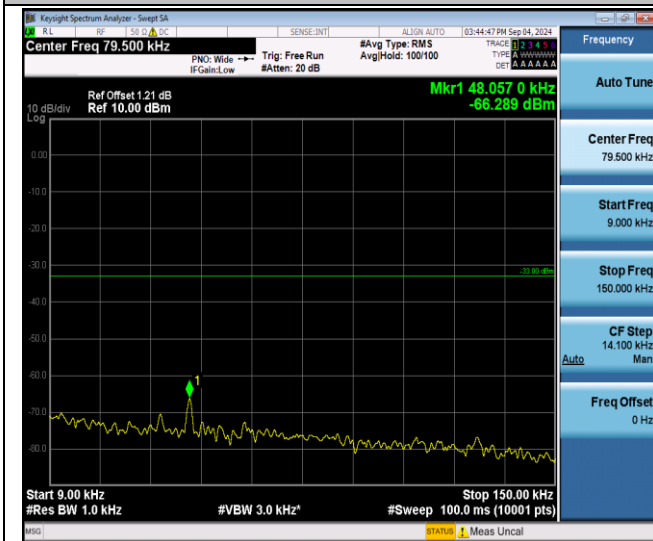
EGPRS850-128-8-0.15~30MHz-PASS



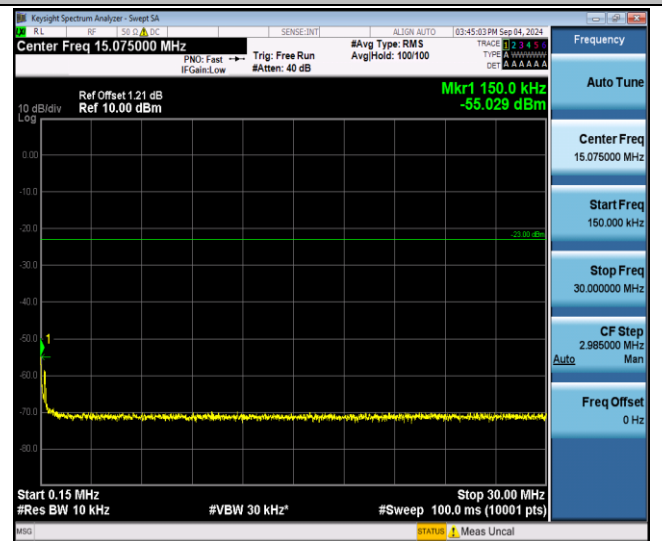
EGPRS850-128-8-30~1000MHz-PASS



EGPRS850-128-8-1000~10000MHz-PASS



EGPRS850-190-8-0.009~0.15MHz-PASS



EGPRS850-190-8-0.15~30MHz-PASS