RF Output Power

Band	Channel	Power(dBm)
GSM850	128	32.58
GSM850	190	32.52
GSM850	251	32.43
GSM1900	512	29.01
GSM1900	661	28.85
GSM1900	810	28.86

Band	Channel	Up Slot Num	Power(dBm)
GPRS850	128	1	32.58
GPRS850	190	1	32.44
GPRS850	251	1	32.34
GPRS850	128	2	31.69
GPRS850	190	2	31.60
GPRS850	251	2	31.53
GPRS850	128	3	29.74
GPRS850	190	3	29.67
GPRS850	251	3	29.65
GPRS850	128	4	28.56
GPRS850	190	4	28.52
GPRS850	251	4	28.53
GPRS1900	512	1	29.01
GPRS1900	661	1	28.78
GPRS1900	810	1	28.78
GPRS1900	512	2	28.09
GPRS1900	661	2	27.97
GPRS1900	810	2	28.05
GPRS1900	512	3	25.83
GPRS1900	661	3	25.83
GPRS1900	810	3	26.01
GPRS1900	512	4	24.44
GPRS1900	661	4	24.49
GPRS1900	810	4	24.71

Band	Channel	Up Slot Num	Power(dBm)
EGPRS850	128	1	26.43
EGPRS850	190	1	26.04
EGPRS850	251	1	26.60
EGPRS850	128	2	25.13
EGPRS850	190	2	24.95
EGPRS850	251	2	25.44
EGPRS850	128	3	22.82
EGPRS850	190	3	22.69
EGPRS850	251	3	23.20
EGPRS850	128	4	21.45
EGPRS850	190	4	21.28
EGPRS850	251	4	21.77
EGPRS1900	512	1	24.48
EGPRS1900	661	1	24.63
EGPRS1900	810	1	25.37
EGPRS1900	512	2	23.08
EGPRS1900	661	2	23.33
EGPRS1900	810	2	24.27
EGPRS1900	512	3	20.71
EGPRS1900	661	3	21.03
EGPRS1900	810	3	21.94
EGPRS1900	512	4	19.10
EGPRS1900	661	4	19.58
EGPRS1900	810	4	20.46

Effective (Isotropic) Radiated Power

Band	Channel	ERP/EIRP(dBm)	Limit(dBm)	Verdict
GSM1900	512	29.01	33	PASS
GSM1900	661	28.85	33	PASS
GSM1900	810	28.86	33	PASS
GSM850	128	32.58	38.45	PASS
GSM850	190	32.52	38.45	PASS
GSM850	251	32.43	38.45	PASS

Band	Channel	Up Slot Num	Power(dBm)	Limit(dBm)	Verdict
GPRS1900	512	1	29.01	33	PASS
GPRS1900	512	2	28.09	33	PASS
GPRS1900	512	3	25.83	33	PASS
GPRS1900	512	4	24.44	33	PASS
GPRS1900	661	1	28.78	33	PASS
GPRS1900	661	2	27.97	33	PASS
GPRS1900	661	3	25.83	33	PASS
GPRS1900	661	4	24.49	33	PASS
GPRS1900	810	1	28.78	33	PASS
GPRS1900	810	2	28.05	33	PASS
GPRS1900	810	3	26.01	33	PASS
GPRS1900	810	4	24.71	33	PASS
GPRS850	128	1	32.58	38.45	PASS
GPRS850	128	2	31.69	38.45	PASS
GPRS850	128	3	29.74	38.45	PASS
GPRS850	128	4	28.56	38.45	PASS
GPRS850	190	1	32.44	38.45	PASS
GPRS850	190	2	31.60	38.45	PASS
GPRS850	190	3	29.67	38.45	PASS
GPRS850	190	4	28.52	38.45	PASS
GPRS850	251	1	32.34	38.45	PASS
GPRS850	251	2	31.53	38.45	PASS
GPRS850	251	3	29.65	38.45	PASS
GPRS850	251	4	28.53	38.45	PASS

Band	Channel	Up Slot Num	Power(dBm)	Limit(dBm)	Verdict
EGPRS1900	512	1	24.48	33	PASS
EGPRS1900	512	2	23.08	33	PASS
EGPRS1900	512	3	20.71	33	PASS
EGPRS1900	512	4	19.10	33	PASS
EGPRS1900	661	1	24.63	33	PASS
EGPRS1900	661	2	23.33	33	PASS
EGPRS1900	661	3	21.03	33	PASS

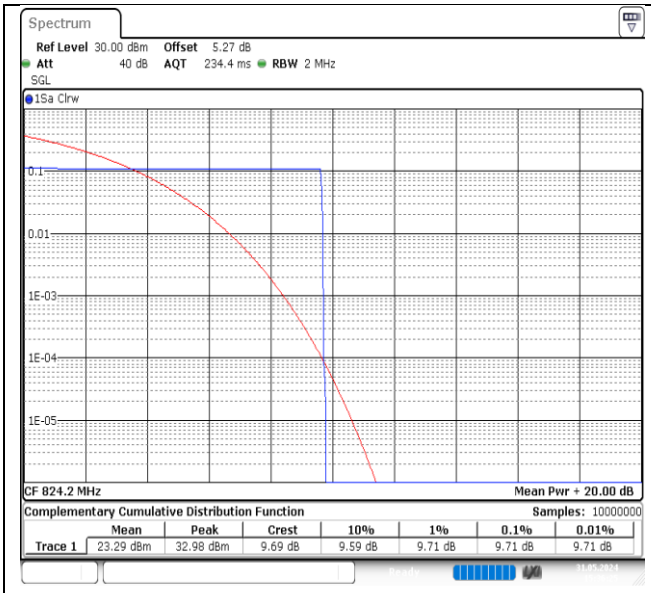
EGPRS1900	661	4	19.58	33	PASS
EGPRS1900	810	1	25.37	33	PASS
EGPRS1900	810	2	24.27	33	PASS
EGPRS1900	810	3	21.94	33	PASS
EGPRS1900	810	4	20.46	33	PASS
EGPRS850	128	1	26.43	38.45	PASS
EGPRS850	128	2	25.13	38.45	PASS
EGPRS850	128	3	22.82	38.45	PASS
EGPRS850	128	4	21.45	38.45	PASS
EGPRS850	190	1	26.04	38.45	PASS
EGPRS850	190	2	24.95	38.45	PASS
EGPRS850	190	3	22.69	38.45	PASS
EGPRS850	190	4	21.28	38.45	PASS
EGPRS850	251	1	26.60	38.45	PASS
EGPRS850	251	2	25.44	38.45	PASS
EGPRS850	251	3	23.20	38.45	PASS
EGPRS850	251	4	21.77	38.45	PASS

Peak-to-Average Ratio(CCDF)

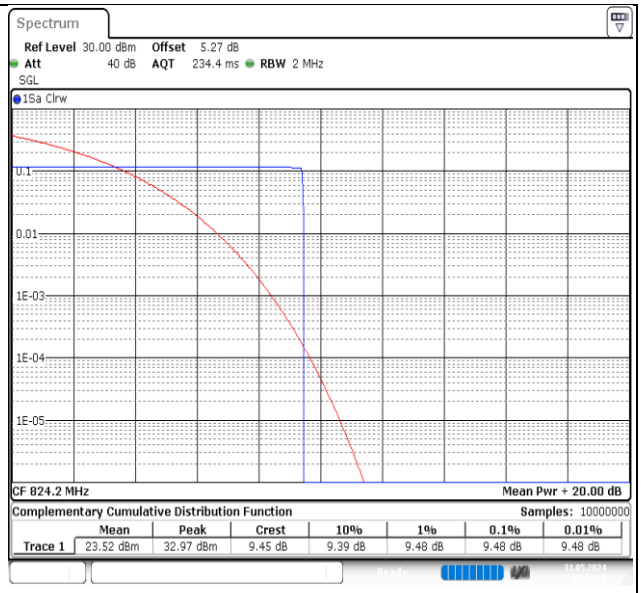
Test Result

Band	Channel	Result(dB)	Limit(dB)	Verdict
GPRS850	128	9.71	13	PASS
GSM850	128	9.48	13	PASS
GPRS850	190	9.65	13	PASS
GSM850	190	9.51	13	PASS
GPRS850	251	9.65	13	PASS
GSM850	251	9.48	13	PASS
EGPRS850	128	12.61	13	PASS
EGPRS850	190	12.67	13	PASS
EGPRS850	251	12.61	13	PASS
GPRS1900	512	9.74	13	PASS
GSM1900	512	9.54	13	PASS
GPRS1900	661	9.68	13	PASS
GSM1900	661	9.51	13	PASS
GPRS1900	810	9.74	13	PASS
GSM1900	810	9.51	13	PASS
EGPRS1900	512	12.93	13	PASS
EGPRS1900	661	12.75	13	PASS
EGPRS1900	810	12.61	13	PASS

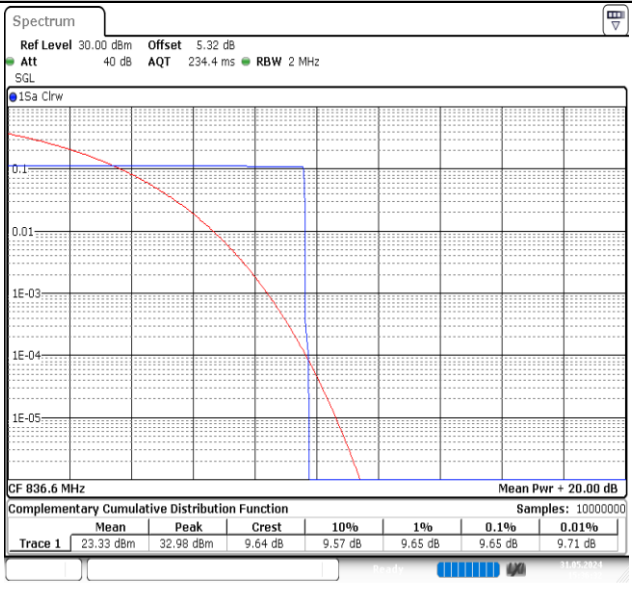
Test Graphs



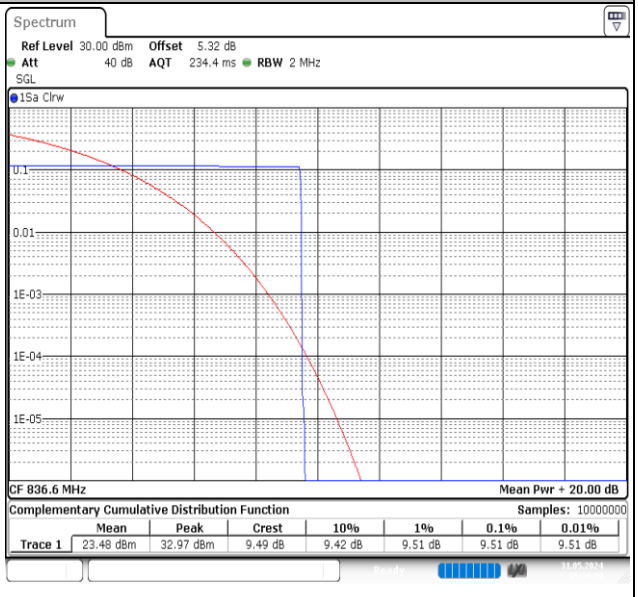
GPRS850-128-5-PASS



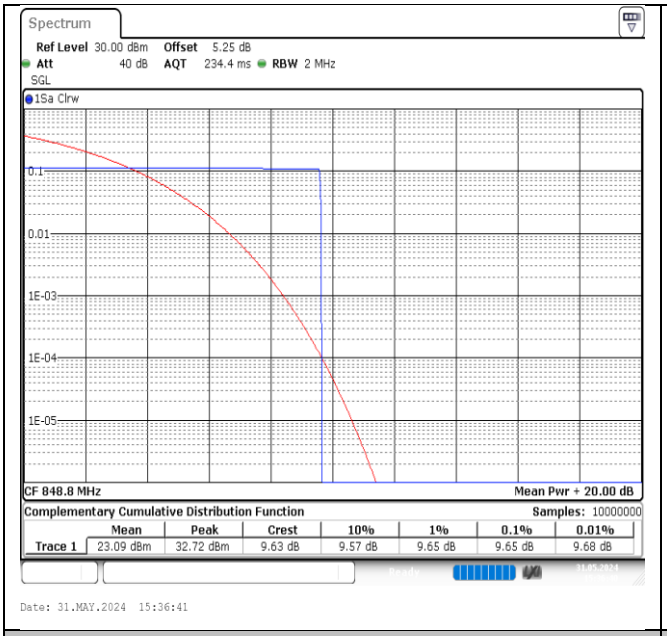
GSM850-128-5-PASS



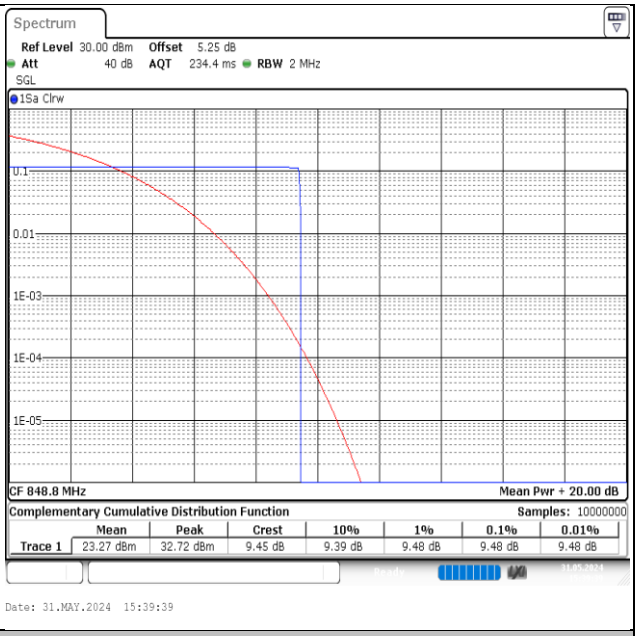
GPRS850-190-5-PASS



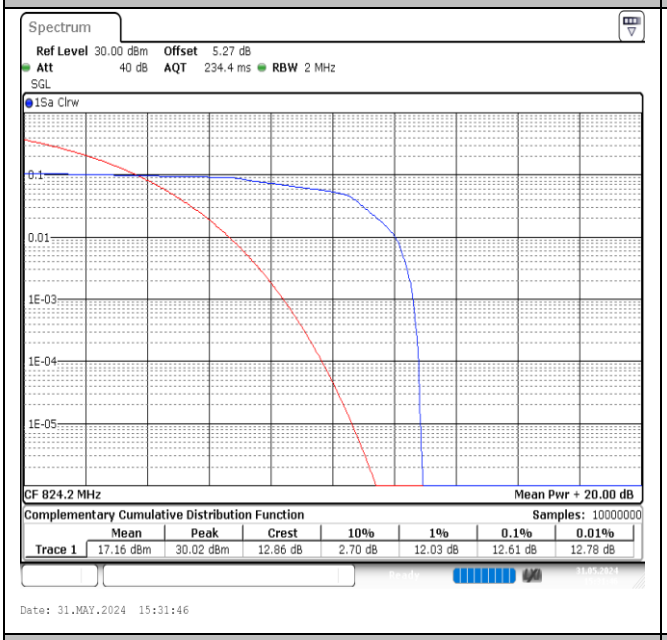
GSM850-190-5-PASS



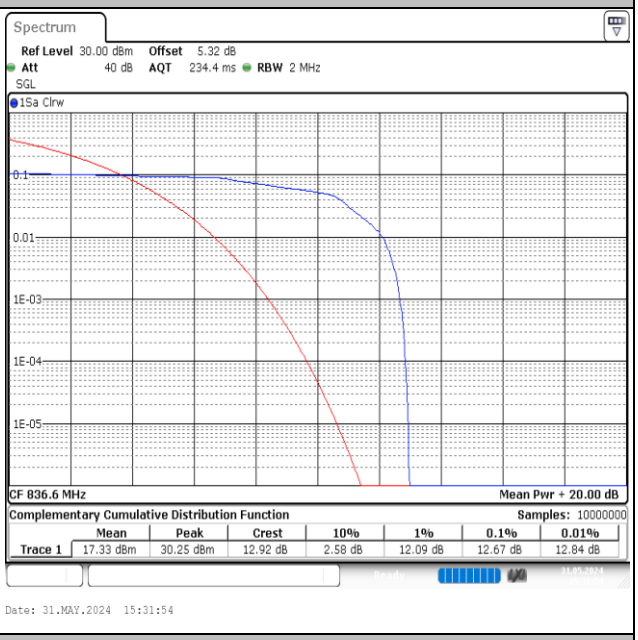
GPRS850-251-5-PASS



GSM850-251-5-PASS



EGPRS850-128-8-PASS



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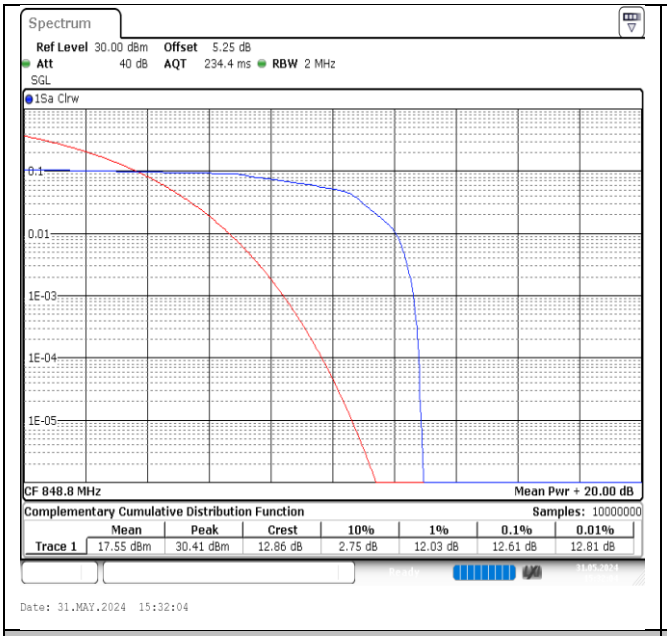
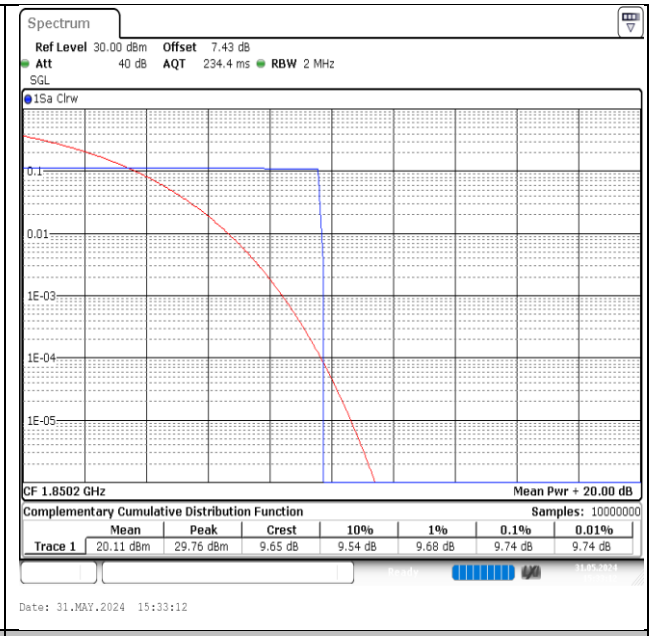
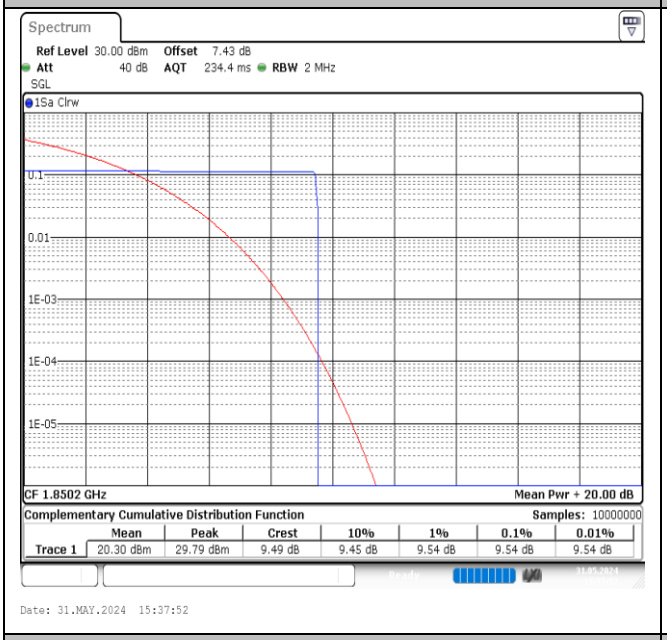


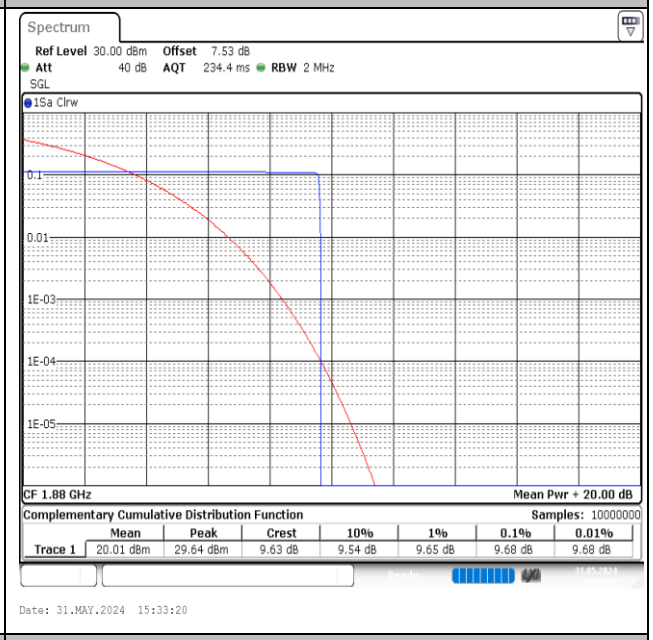
EGPRS850-251-8-PASS



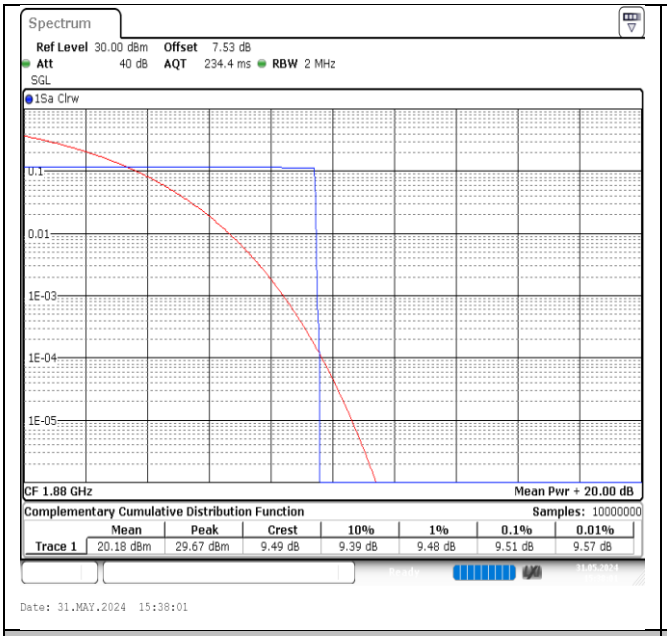
GPRS1900-512-0-PASS



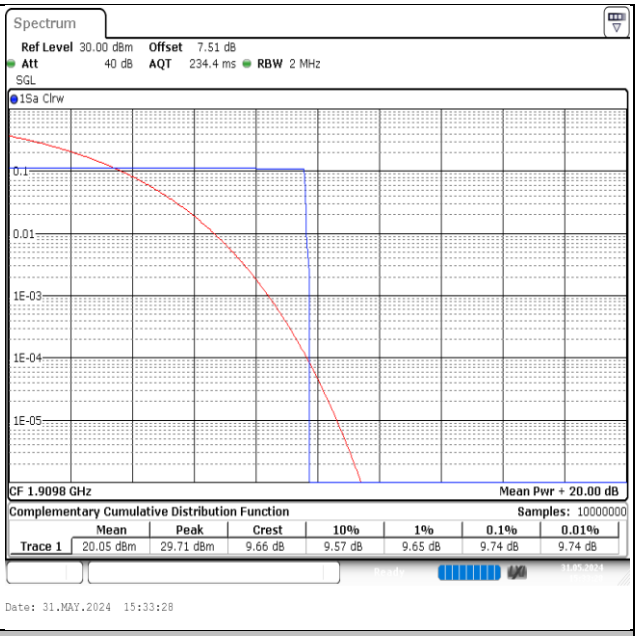
GSM1900-512-0-PASS



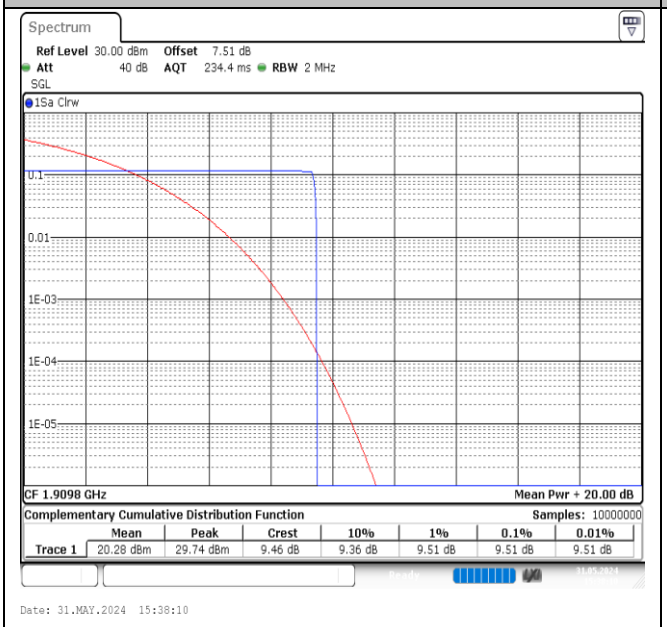
GPRS1900-661-0-PASS



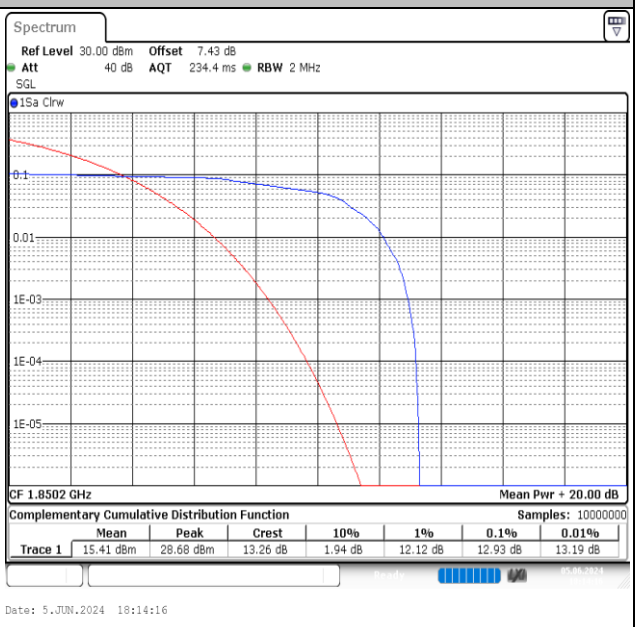
GSM1900-661-0-PASS



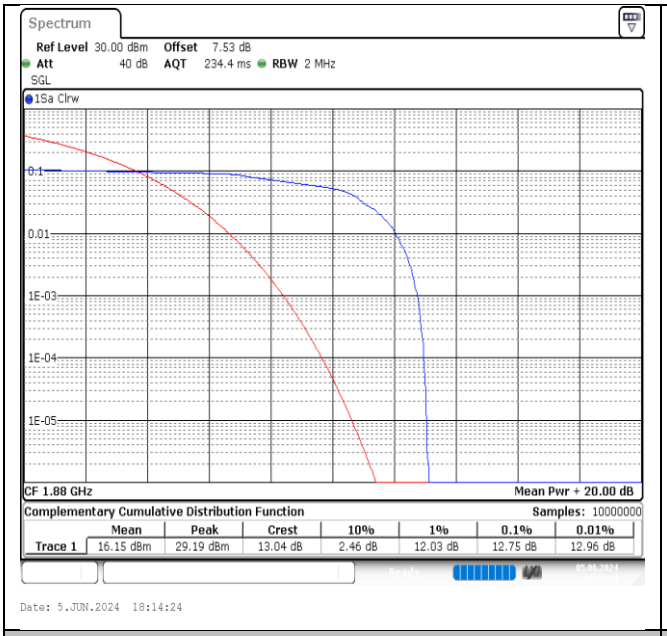
GPRS1900-810-0-PASS



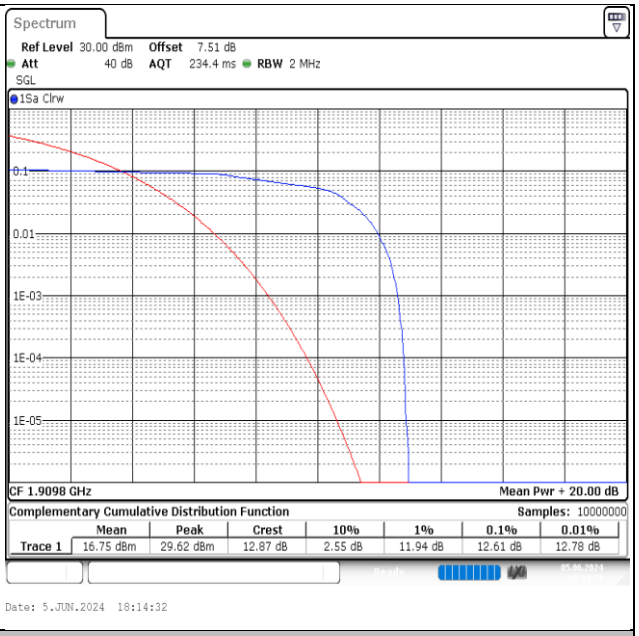
GSM1900-810-0-PASS



EGPRS1900-512-2-PASS



EGPRS1900-661-2-PASS



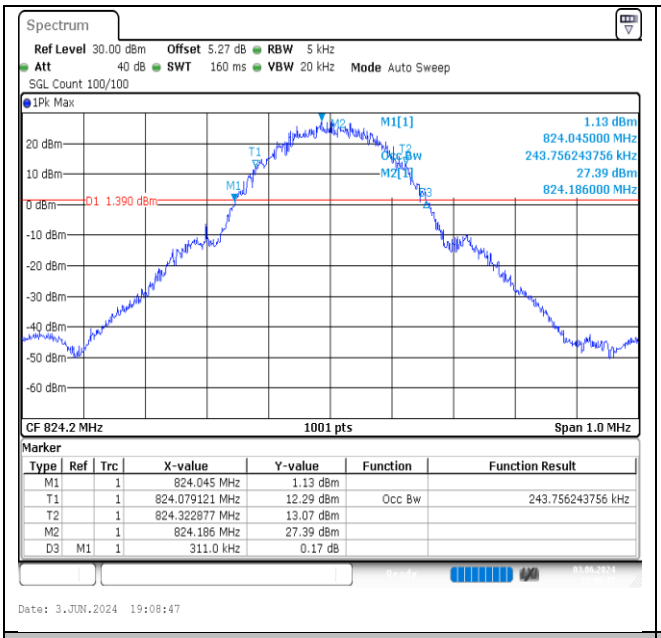
EGPRS1900-810-2-PASS

26dB Bandwidth andOccupied Bandwidth

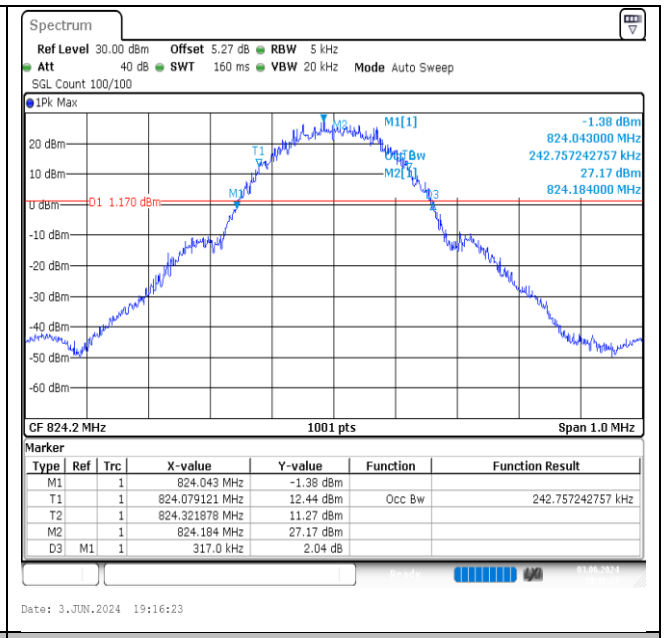
Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
GPRS850	128	0.244	0.31	---	PASS
GSM850	128	0.243	0.32	---	PASS
GPRS850	190	0.245	0.31	---	PASS
GSM850	190	0.246	0.32	---	PASS
GPRS850	251	0.244	0.31	---	PASS
GSM850	251	0.244	0.31	---	PASS
EGPRS850	128	0.248	0.31	---	PASS
EGPRS850	190	0.249	0.31	---	PASS
EGPRS850	251	0.249	0.31	---	PASS
GSM1900	512	0.243	0.31	---	PASS
GPRS1900	512	0.246	0.32	---	PASS
GSM1900	661	0.247	0.32	---	PASS
GPRS1900	661	0.245	0.32	---	PASS
GSM1900	810	0.247	0.31	---	PASS
GPRS1900	810	0.247	0.32	---	PASS
EGPRS1900	512	0.249	0.31	---	PASS
EGPRS1900	661	0.248	0.32	---	PASS
EGPRS1900	810	0.249	0.31	---	PASS

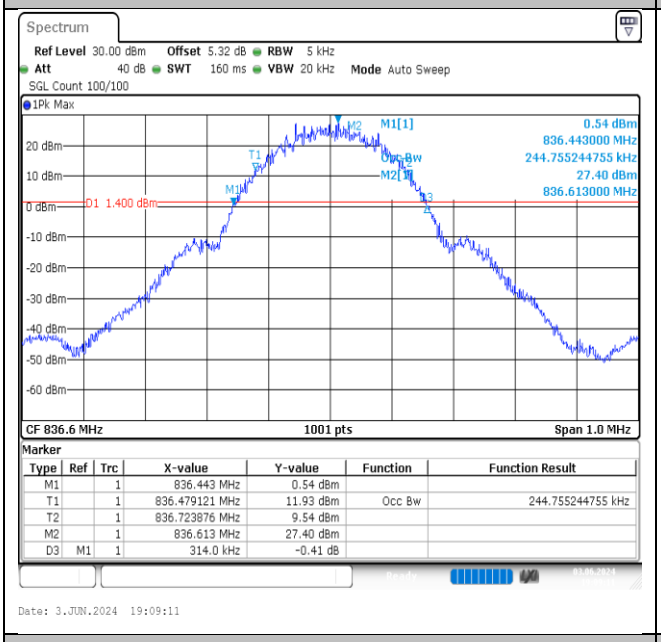
Test Graphs



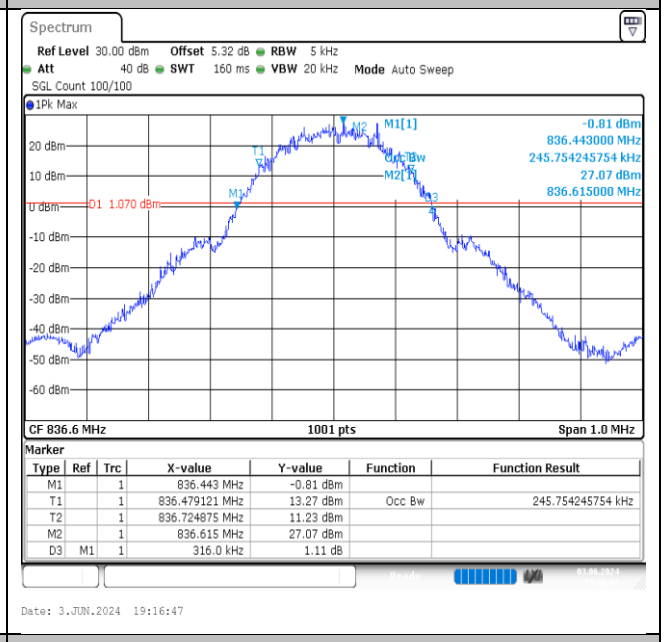
GPRS850-128-5-PASS



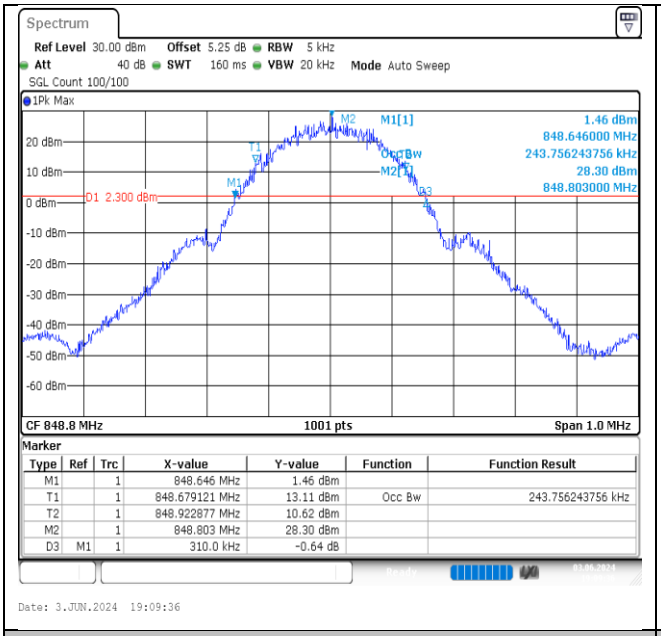
GSM850-128-5-PASS



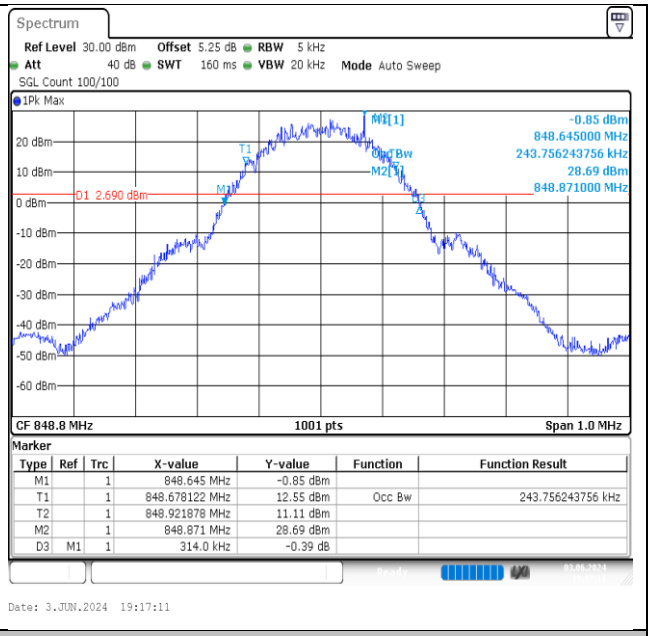
GPRS850-190-5-PASS



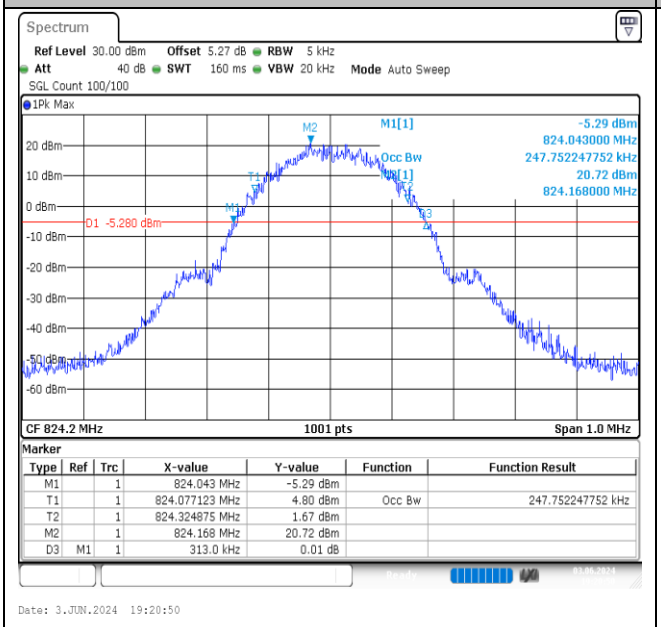
GSM850-190-5-PASS



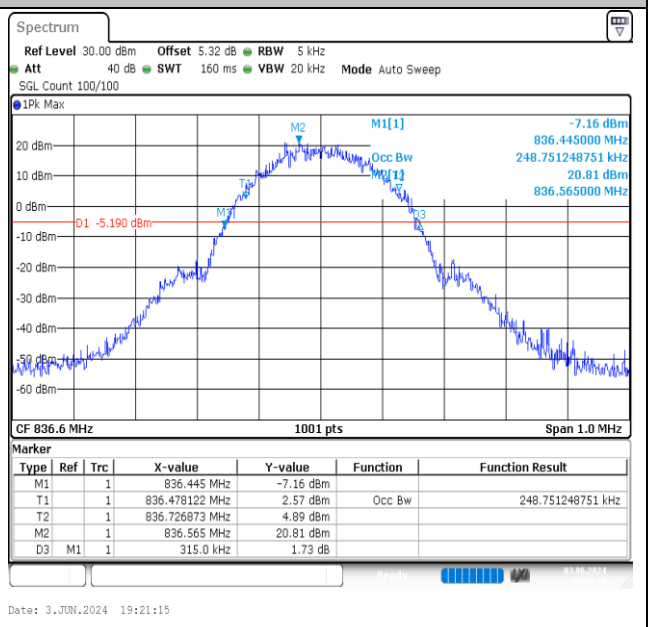
GPRS850-251-5-PASS



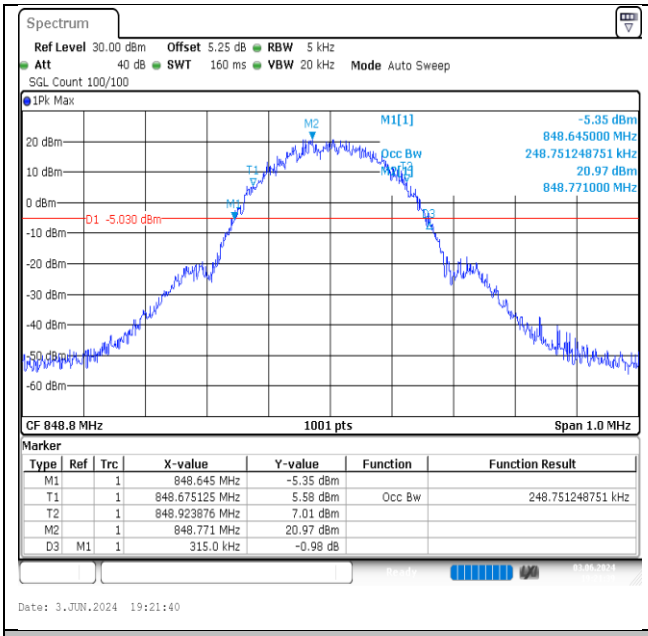
GSM850-251-5-PASS



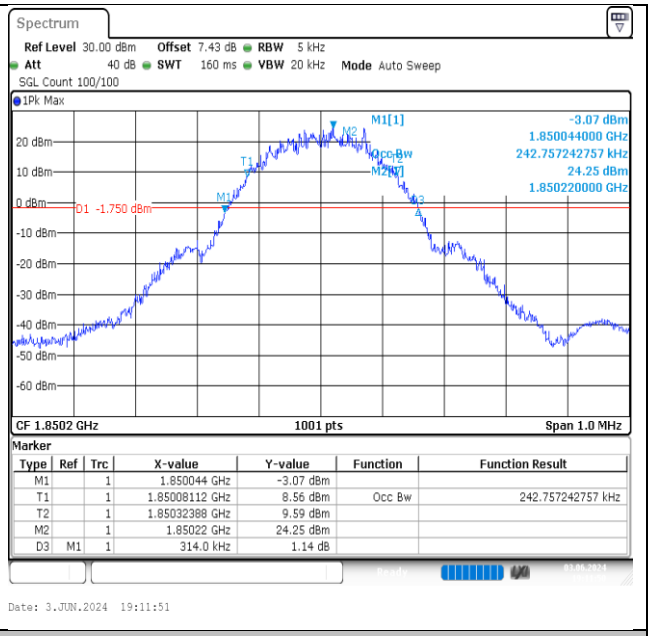
EGPRS850-128-8-PASS



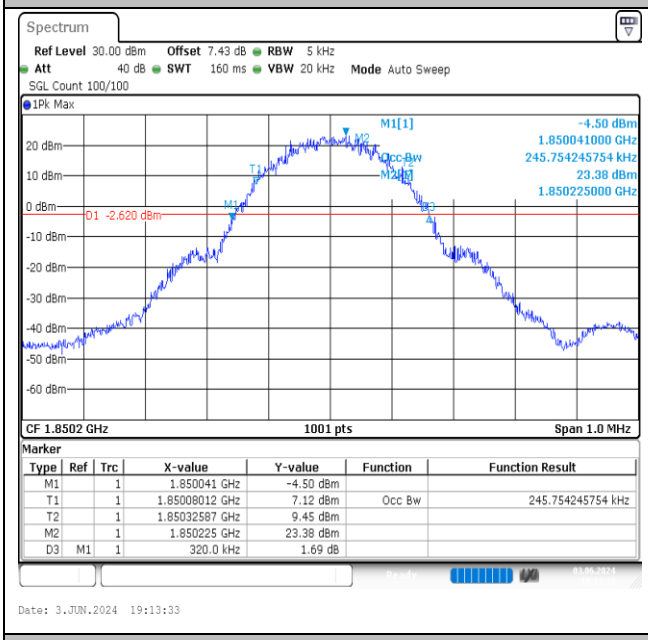
EGPRS850-190-8-PASS



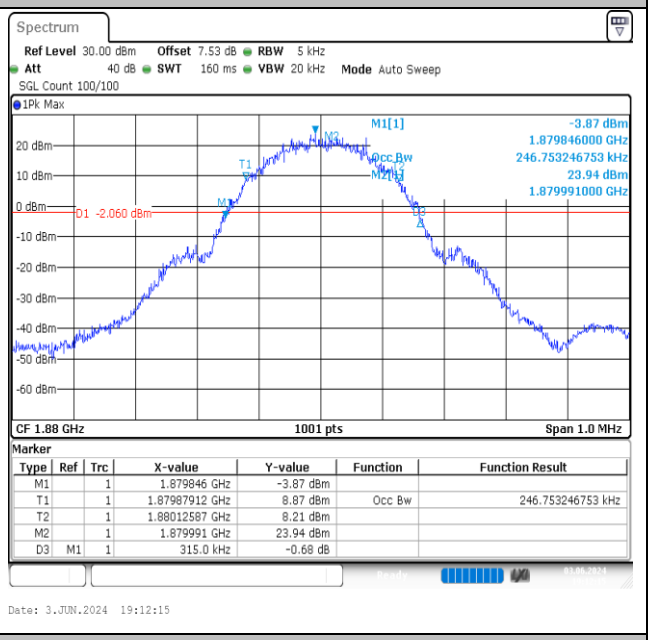
EGPRS850-251-8-PASS



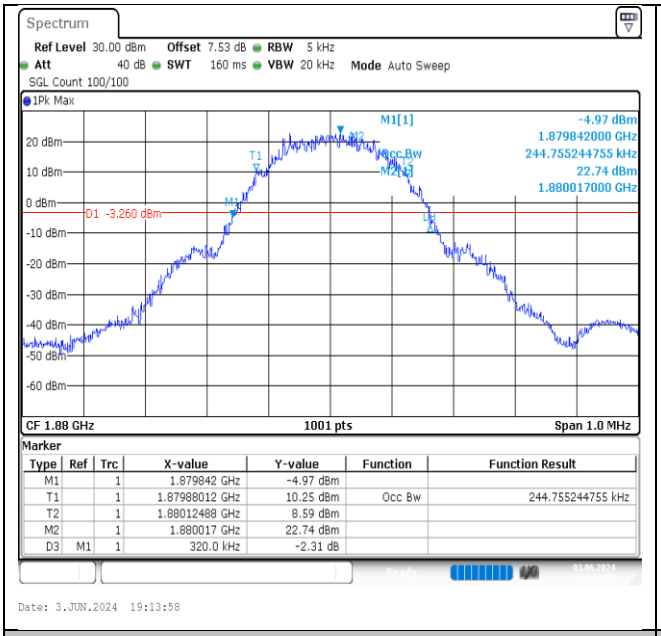
GSM1900-512-0-PASS



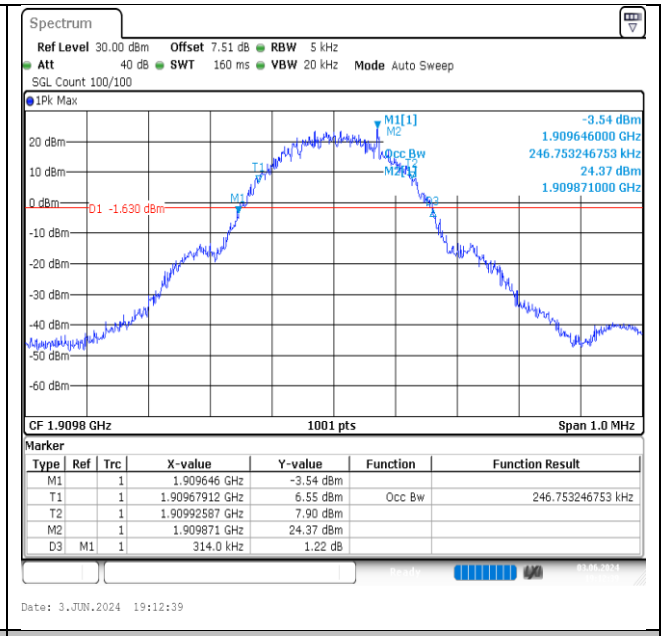
GPRS1900-512-0-PASS



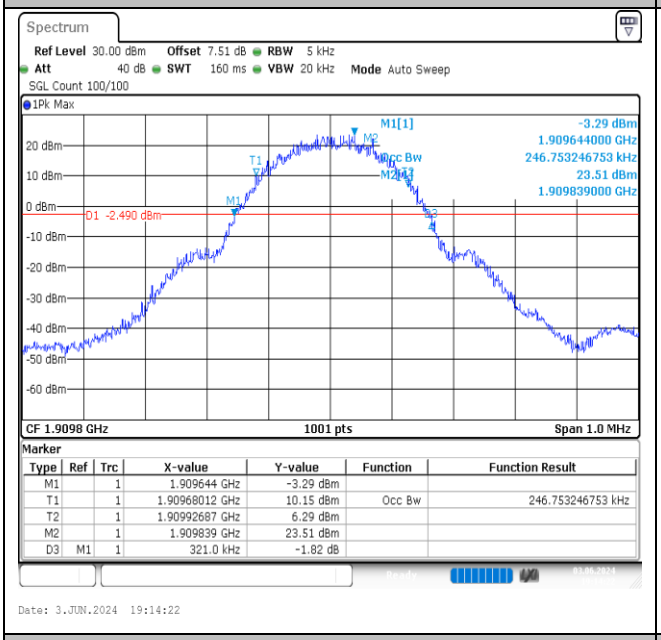
GSM1900-661-0-PASS



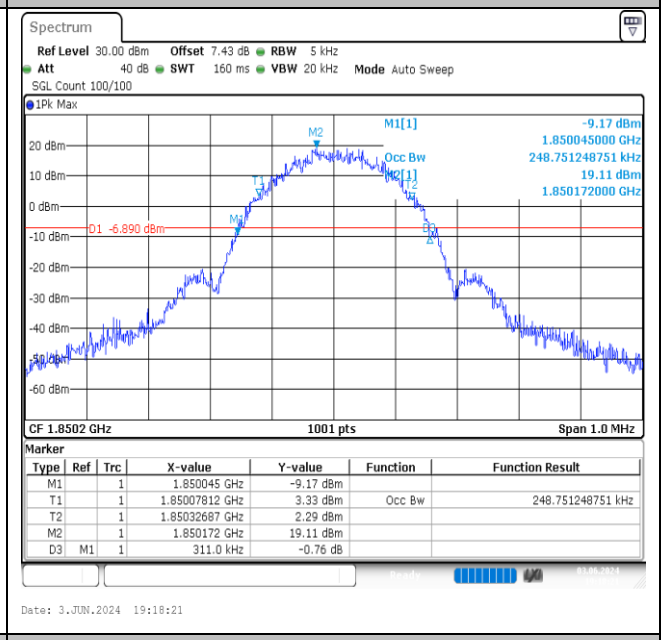
GPRS1900-661-0-PASS



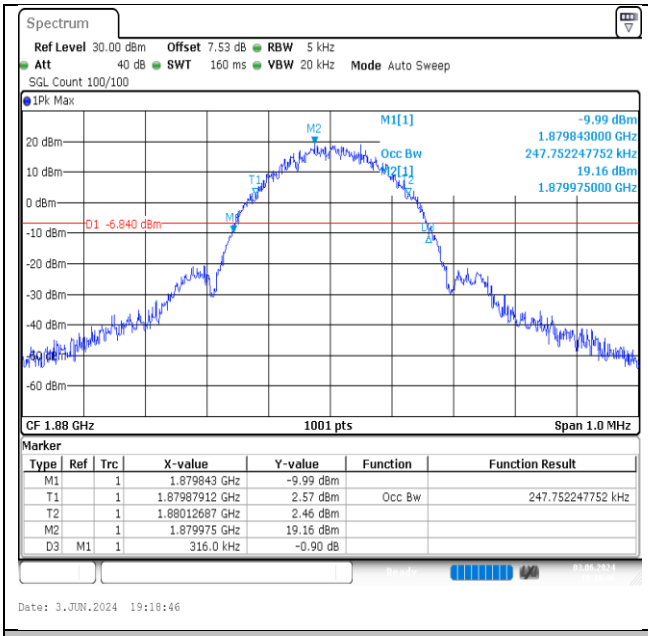
GSM1900-810-0-PASS



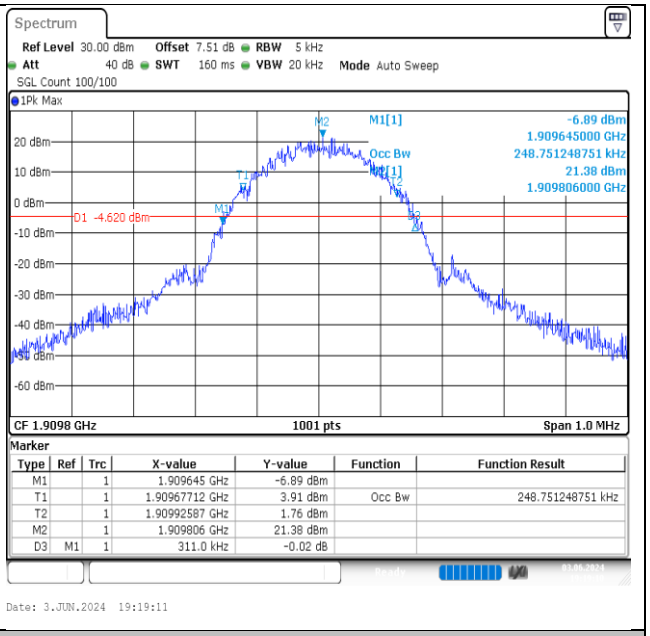
GPRS1900-810-0-PASS



EGPRS1900-512-2-PASS



EGPRS1900-661-2-PASS



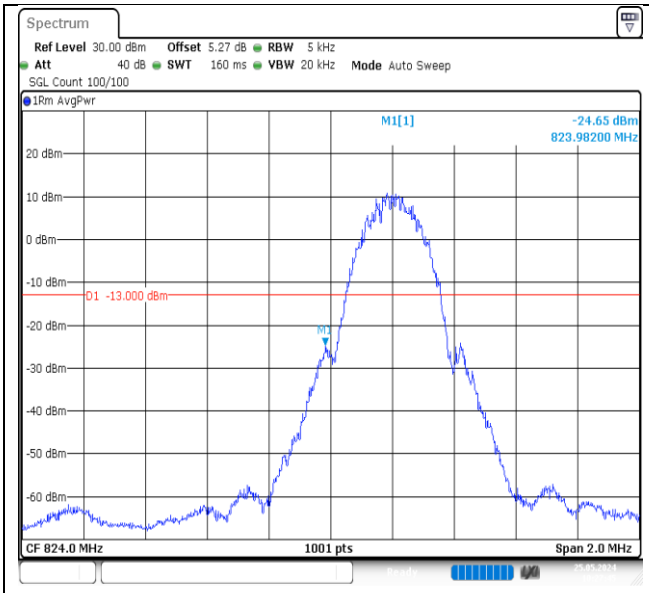
EGPRS1900-810-2-PASS

Band Edge

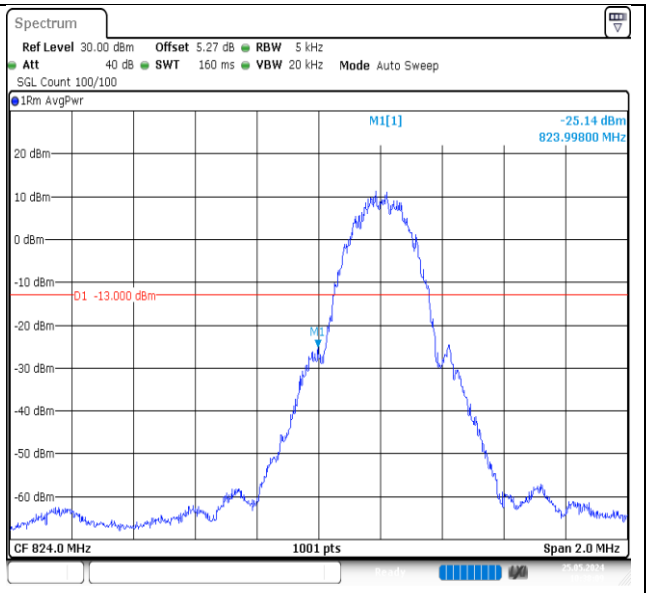
Test Result

Band	Channel	Freq (MHz)	Result (dBm)	Limit(dBm)	Verdict
GSM850	128	823.98	-24.65	-13	PASS
GPRS850	128	824.00	-25.14	-13	PASS
GSM850	251	849.02	-23.36	-13	PASS
GPRS850	251	849.02	-23.96	-13	PASS
EGPRS850	128	823.97	-35.74	-13	PASS
EGPRS850	251	849.03	-36.34	-13	PASS
GSM1900	512	1850.00	-28.54	-13	PASS
GPRS1900	512	1849.99	-29.07	-13	PASS
GSM1900	810	1910.02	-27.86	-13	PASS
GPRS1900	810	1910.02	-28.72	-13	PASS
EGPRS1900	512	1849.97	-37.22	-13	PASS
EGPRS1900	810	1910.04	-37.11	-13	PASS

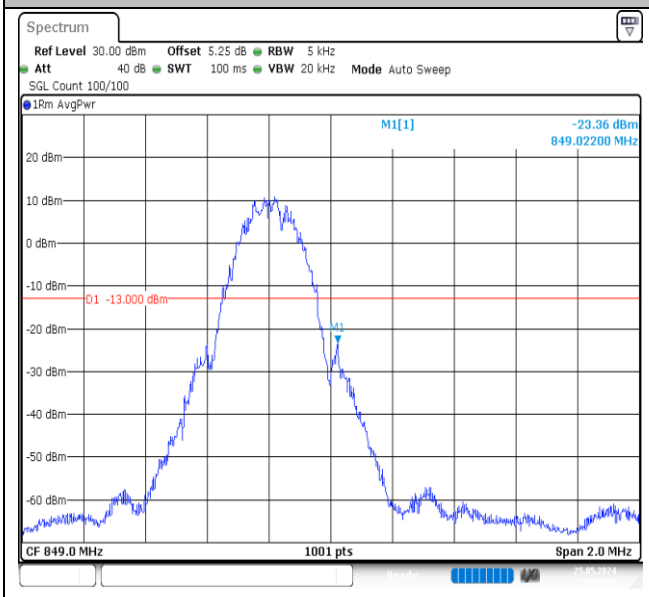
Test Graphs



GSM850-128-5-PASS



GPRS850-128-5-PASS



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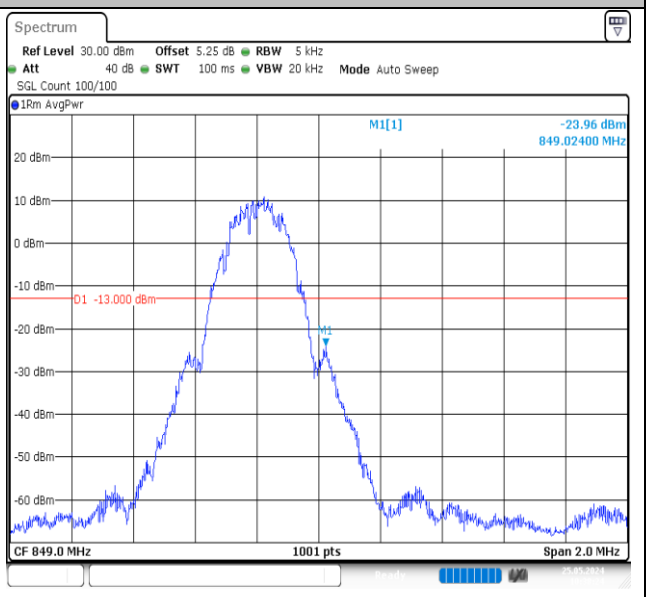

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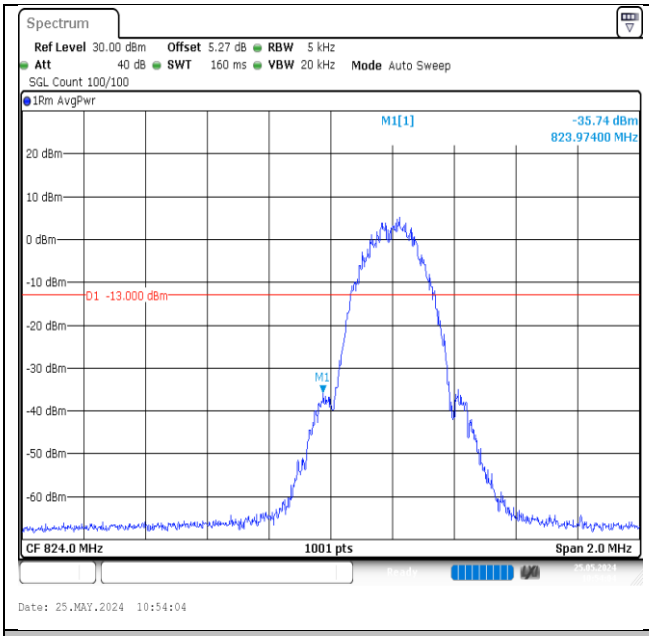
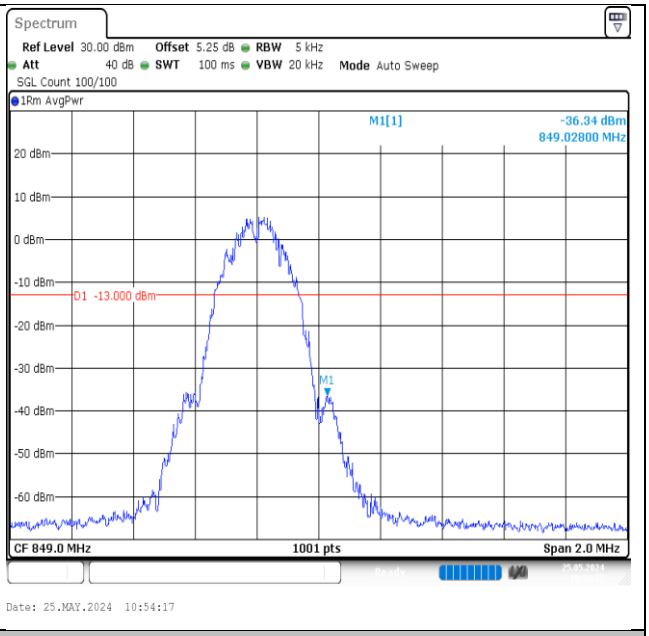
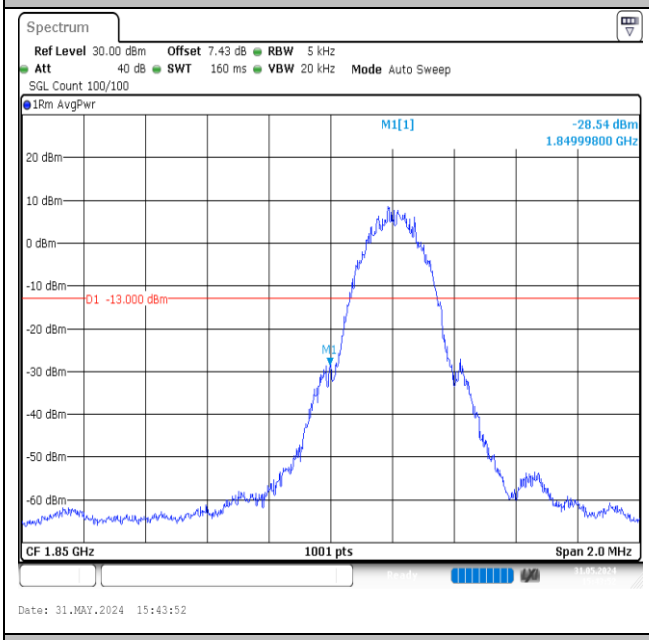


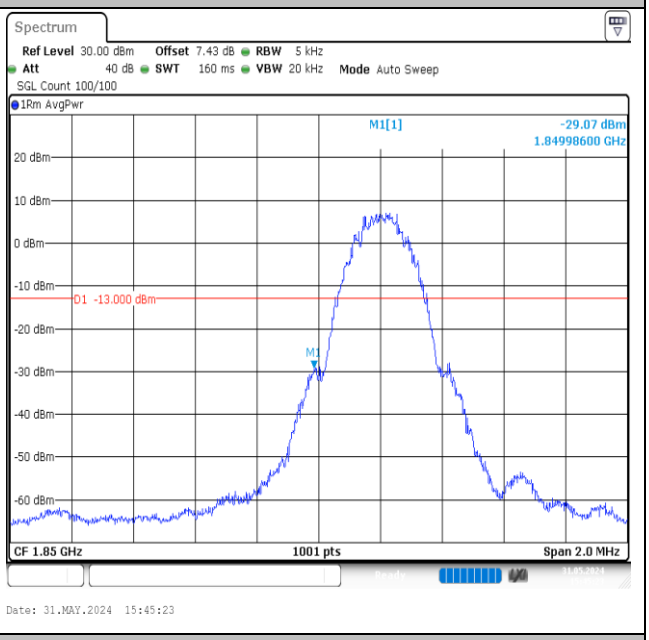
EGPRS850-128-8-PASS



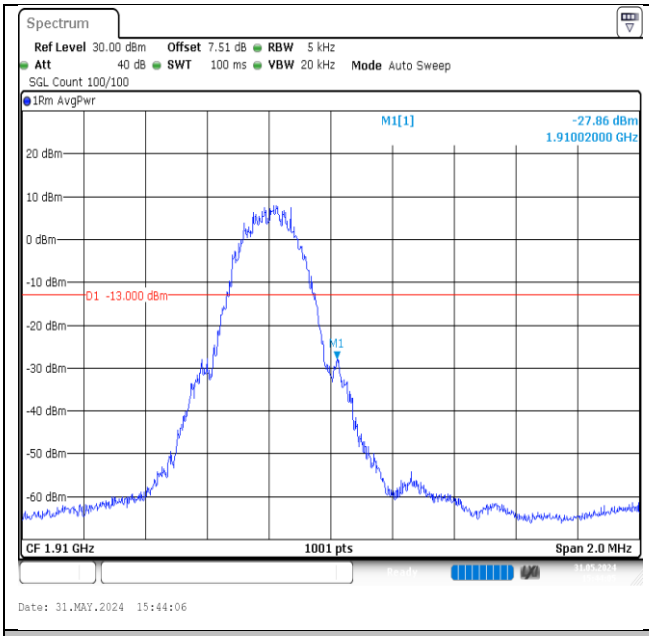
EGPRS850-251-8-PASS



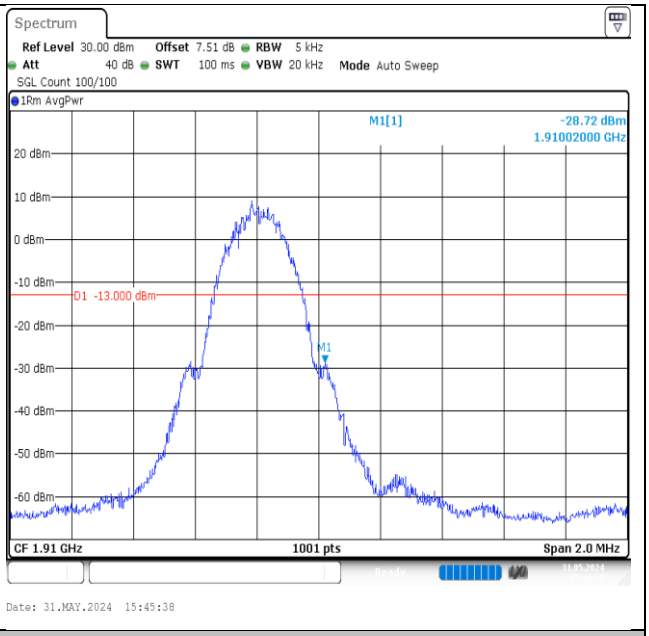
GSM1900-512-0-PASS



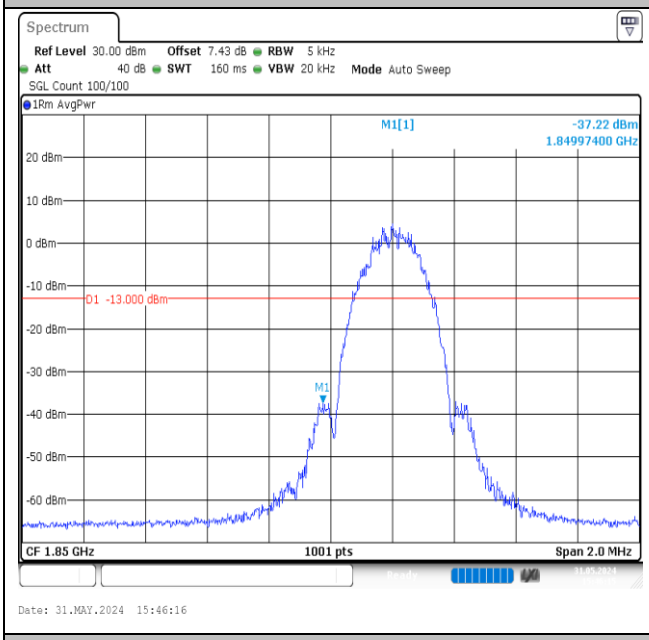
GPRS1900-512-0-PASS



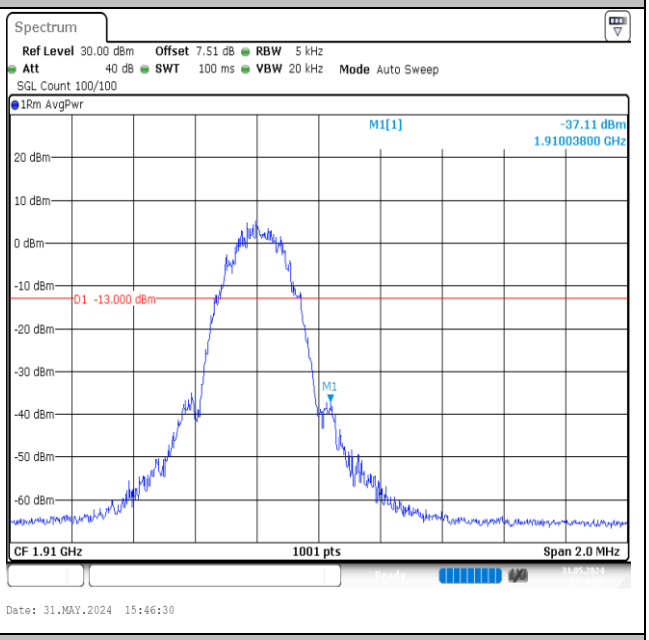
GSM1900-810-0-PASS



GPRS1900-810-0-PASS



EGPRS1900-512-2-PASS



EGPRS1900-810-2-PASS

Conducted SpuriousEmission

Test Result

Band	Channel	Frequency Range(MHz)	Max.Freq. (MHz)	Result (dBm)	Limit (dBm)	Verdict
GSM850	128	0.009~0.15MHz	0.01	-59.16	-33	PASS
GPRS850	128	0.009~0.15MHz	0.01	-58.97	-33	PASS
GSM850	128	0.15~30MHz	23.73	-66.93	-23	PASS
GPRS850	128	0.15~30MHz	0.49	-66.61	-23	PASS
GSM850	128	30~1000MHz	974.17	-51.45	-13	PASS
GPRS850	128	30~1000MHz	959.78	-51.43	-13	PASS
GSM850	128	1000~10000MHz	1648.43	-34.39	-13	PASS
GPRS850	128	1000~10000MHz	2472.5	-42.89	-13	PASS
GSM850	190	0.009~0.15MHz	0.01	-59.91	-33	PASS
GPRS850	190	0.009~0.15MHz	0.01	-59.68	-33	PASS
GSM850	190	0.15~30MHz	22.4	-66.85	-23	PASS
GPRS850	190	0.15~30MHz	0.2	-66.74	-23	PASS
GSM850	190	30~1000MHz	615.69	-51.22	-13	PASS
GPRS850	190	30~1000MHz	977.17	-51.58	-13	PASS
GSM850	190	1000~10000MHz	2509.4	-46.44	-13	PASS
GPRS850	190	1000~10000MHz	1673.33	-35.01	-13	PASS
GSM850	251	0.009~0.15MHz	0.01	-60.32	-33	PASS
GPRS850	251	0.009~0.15MHz	0.01	-59.62	-33	PASS
GSM850	251	0.15~30MHz	0.25	-67.04	-23	PASS
GPRS850	251	0.15~30MHz	0.24	-66.63	-23	PASS
GSM850	251	30~1000MHz	978.01	-51.3	-13	PASS
GPRS850	251	30~1000MHz	961.75	-51.31	-13	PASS
GSM850	251	1000~10000MHz	1697.63	-35.69	-13	PASS
GPRS850	251	1000~10000MHz	1697.93	-36.5	-13	PASS
EGPRS850	128	0.009~0.15MHz	0.04	-63.91	-33	PASS
EGPRS850	128	0.15~30MHz	0.3	-66.5	-23	PASS
EGPRS850	128	30~1000MHz	962.66	-51.32	-13	PASS
EGPRS850	128	1000~10000MHz	1648.73	-45.22	-13	PASS
EGPRS850	190	0.009~0.15MHz	0.01	-63.9	-33	PASS
EGPRS850	190	0.15~30MHz	21.79	-66.88	-23	PASS
EGPRS850	190	30~1000MHz	963.63	-51.3	-13	PASS
EGPRS850	190	1000~10000MHz	1673.63	-46.75	-13	PASS
EGPRS850	251	0.009~0.15MHz	0.01	-63.05	-33	PASS
EGPRS850	251	0.15~30MHz	26.2	-66.82	-23	PASS
EGPRS850	251	30~1000MHz	962.2	-51.65	-13	PASS
EGPRS850	251	1000~10000MHz	1697.63	-45.45	-13	PASS

GPRS1900	512	0.009~0.15MHz	0.01	-72.31	-43	PASS
GSM1900	512	0.009~0.15MHz	0.01	-71.92	-43	PASS
GPRS1900	512	0.15~30MHz	0.16	-66.86	-33	PASS
GSM1900	512	0.15~30MHz	0.16	-66.25	-33	PASS
GPRS1900	512	30~1000MHz	852	-47.3	-13	PASS
GSM1900	512	30~1000MHz	953.52	-47.28	-13	PASS
GPRS1900	512	1000~3000MHz	2634.4	-37.24	-13	PASS
GSM1900	512	1000~3000MHz	2639.07	-37.33	-13	PASS
GPRS1900	512	3000~18000MHz	15797.82	-38.37	-13	PASS
GSM1900	512	3000~18000MHz	17903.75	-38.2	-13	PASS
GPRS1900	661	0.009~0.15MHz	0.01	-72.78	-43	PASS
GSM1900	661	0.009~0.15MHz	0.01	-72.59	-43	PASS
GPRS1900	661	0.15~30MHz	0.2	-66.51	-33	PASS
GSM1900	661	0.15~30MHz	28.73	-66.36	-33	PASS
GPRS1900	661	30~1000MHz	979.58	-47.32	-13	PASS
GSM1900	661	30~1000MHz	932.18	-47.35	-13	PASS
GPRS1900	661	1000~3000MHz	2632	-37.37	-13	PASS
GSM1900	661	1000~3000MHz	2639.13	-37.29	-13	PASS
GPRS1900	661	3000~18000MHz	15825.82	-38.4	-13	PASS
GSM1900	661	3000~18000MHz	15802.82	-38.41	-13	PASS
GPRS1900	810	0.009~0.15MHz	0.01	-72.05	-43	PASS
GSM1900	810	0.009~0.15MHz	0.01	-73.39	-43	PASS
GPRS1900	810	0.15~30MHz	24.5	-66.65	-33	PASS
GSM1900	810	0.15~30MHz	0.17	-66.32	-33	PASS
GPRS1900	810	30~1000MHz	946.54	-47.41	-13	PASS
GSM1900	810	30~1000MHz	948.45	-47.35	-13	PASS
GPRS1900	810	1000~3000MHz	2635.27	-37.29	-13	PASS
GSM1900	810	1000~3000MHz	2637.87	-37.33	-13	PASS
GPRS1900	810	3000~18000MHz	17899.75	-38.39	-13	PASS
GSM1900	810	3000~18000MHz	17895.75	-38.29	-13	PASS
EGPRS1900	512	0.009~0.15MHz	0.01	-71.82	-43	PASS
EGPRS1900	512	0.15~30MHz	0.21	-66.14	-33	PASS
EGPRS1900	512	30~1000MHz	985.11	-47.42	-13	PASS
EGPRS1900	512	1000~3000MHz	2504.67	-37.34	-13	PASS
EGPRS1900	512	3000~18000MHz	17899.75	-38.06	-13	PASS
EGPRS1900	661	0.009~0.15MHz	0.01	-74.39	-43	PASS
EGPRS1900	661	0.15~30MHz	24.7	-67	-33	PASS
EGPRS1900	661	30~1000MHz	967.39	-47.15	-13	PASS
EGPRS1900	661	1000~3000MHz	2637.07	-37.35	-13	PASS
EGPRS1900	661	3000~18000MHz	17896.75	-38.25	-13	PASS
EGPRS1900	810	0.009~0.15MHz	0.01	-75.05	-43	PASS
EGPRS1900	810	0.15~30MHz	0.15	-65.73	-33	PASS
EGPRS1900	810	30~1000MHz	978.29	-47.33	-13	PASS

EGPRS1900	810	1000~3000MHz	2498.6	-37.28	-13	PASS
EGPRS1900	810	3000~18000MHz	17893.25	-38.32	-13	PASS