

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Channel	Up Slot Num	Power(dBm)	ANT Gain(dBi)	EIRP(dBm)	Limit(dBm)	Verdict
GPRS1900	512	1	31.02	-1.89	29.13	33	PASS
GPRS1900	512	2	30.87	-1.89	28.98	33	PASS
GPRS1900	512	3	30.55	-1.89	28.66	33	PASS
GPRS1900	512	4	29.29	-1.89	27.4	33	PASS
GPRS1900	661	1	30.99	-1.89	29.1	33	PASS
GPRS1900	661	2	30.93	-1.89	29.04	33	PASS
GPRS1900	661	3	30.73	-1.89	28.84	33	PASS
GPRS1900	661	4	29.57	-1.89	27.68	33	PASS
GPRS1900	810	1	29.66	-1.89	27.77	33	PASS
GPRS1900	810	2	29.61	-1.89	27.72	33	PASS
GPRS1900	810	3	29.43	-1.89	27.54	33	PASS
GPRS1900	810	4	28.62	-1.89	26.73	33	PASS

Band	Channel	Up Slot Num	Power(dBm)	ANT Gain(dBi)	EIRP(dBm)	Limit(dBm)	Verdict
EGPRS1900	512	1	28.61	-1.89	26.72	33	PASS
EGPRS1900	512	2	28.43	-1.89	26.54	33	PASS
EGPRS1900	512	3	27.80	-1.89	25.91	33	PASS
EGPRS1900	512	4	26.34	-1.89	24.45	33	PASS
EGPRS1900	661	1	27.77	-1.89	25.88	33	PASS
EGPRS1900	661	2	27.64	-1.89	25.75	33	PASS
EGPRS1900	661	3	26.91	-1.89	25.02	33	PASS
EGPRS1900	661	4	25.47	-1.89	23.58	33	PASS
EGPRS1900	810	1	27.28	-1.89	25.39	33	PASS
EGPRS1900	810	2	27.22	-1.89	25.33	33	PASS
EGPRS1900	810	3	26.60	-1.89	24.71	33	PASS
EGPRS1900	810	4	25.21	-1.89	23.32	33	PASS

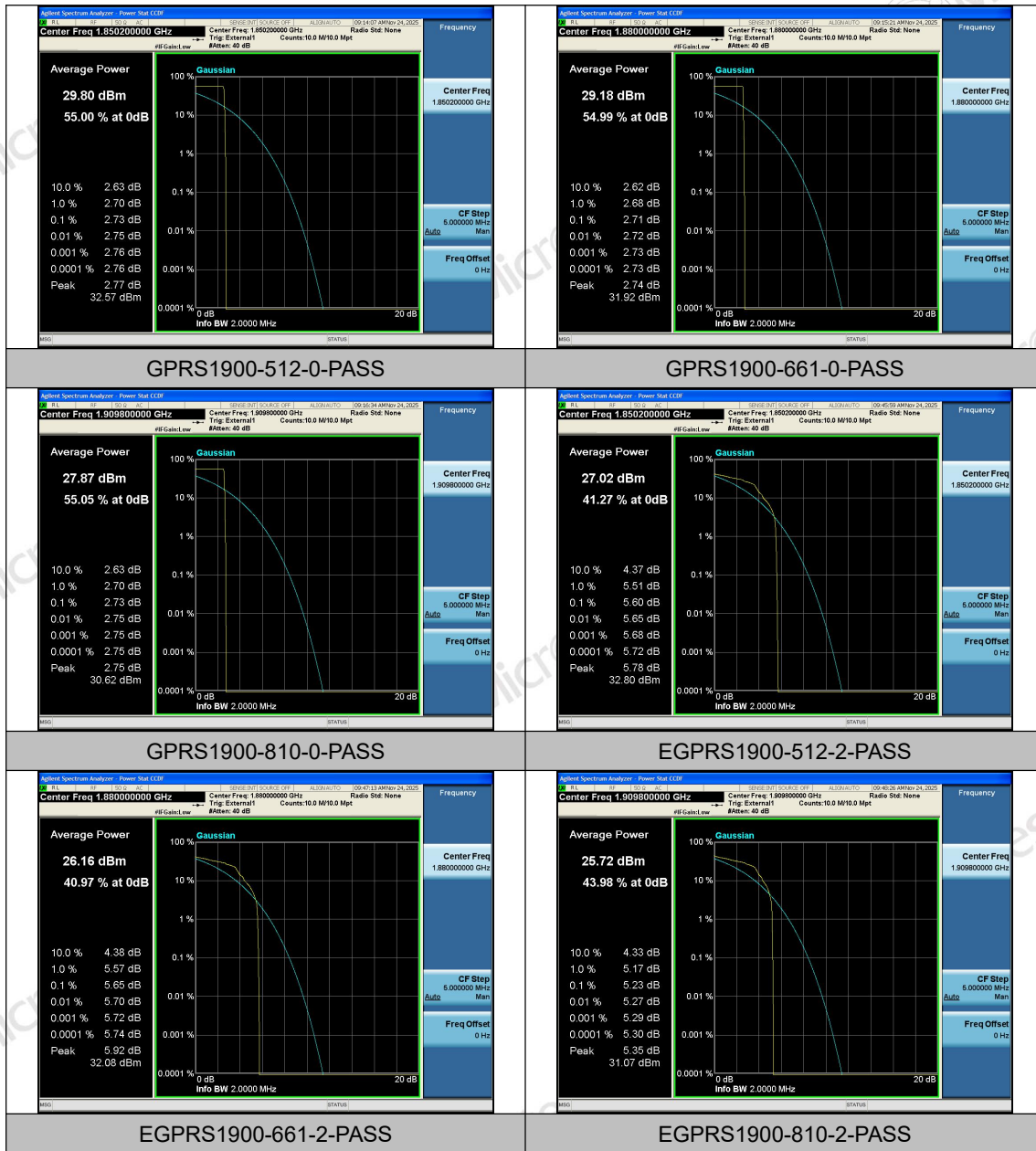
Note: EIRP=Power(dBm)+Antenna gain(dBi); ERP= EIRP-Correction(dBi).

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

Test Result

Band	Channel	Result(dB)	Limit(dB)	Verdict
GPRS1900	512	2.73	13	PASS
GPRS1900	661	2.71	13	PASS
GPRS1900	810	2.73	13	PASS
EGPRS1900	512	5.60	13	PASS
EGPRS1900	661	5.65	13	PASS
EGPRS1900	810	5.23	13	PASS

Test Graphs

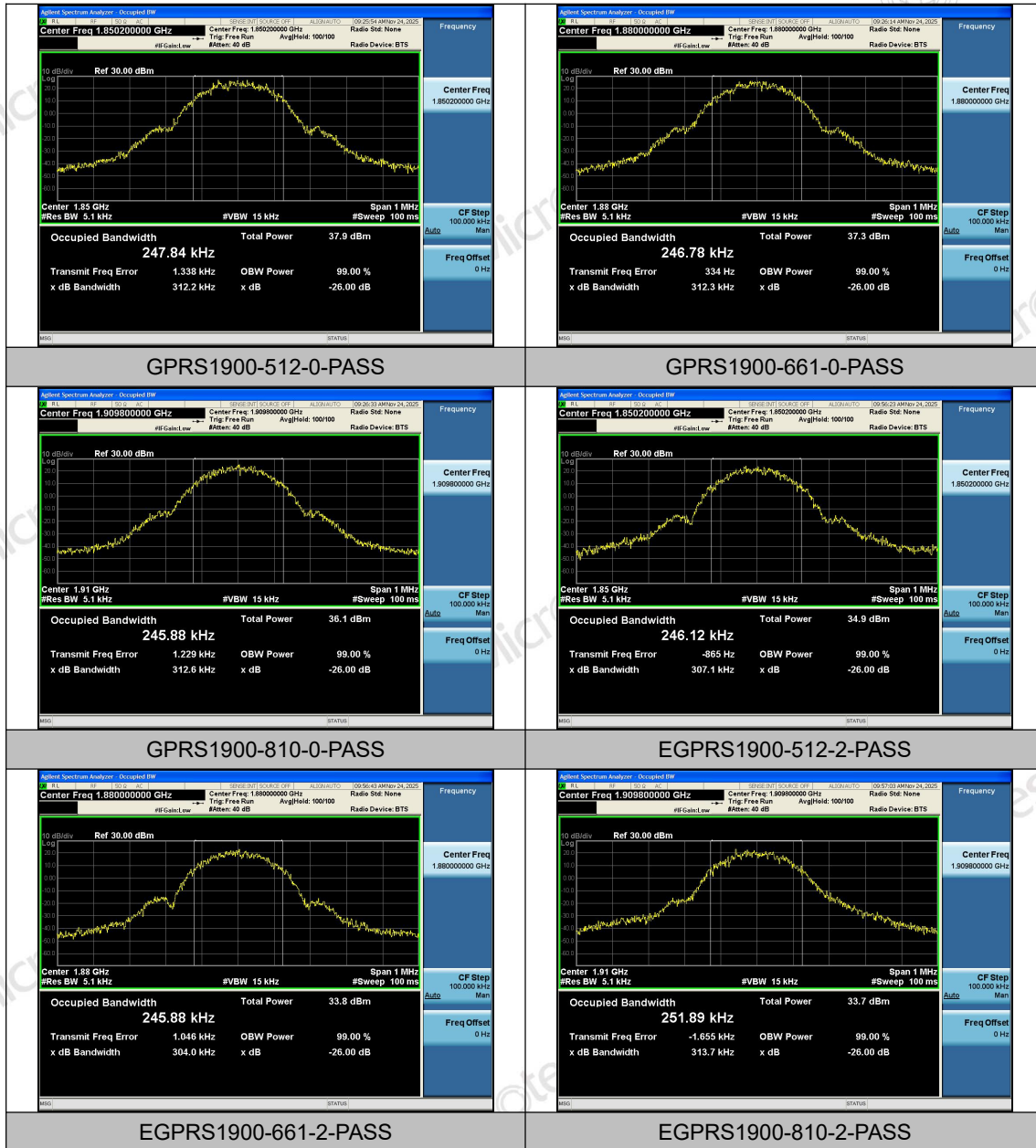


Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
GPRS1900	512	0.24784	0.3122	---	PASS
GPRS1900	661	0.24678	0.3123	---	PASS
GPRS1900	810	0.24588	0.3126	---	PASS
EGPRS1900	512	0.24612	0.3071	---	PASS
EGPRS1900	661	0.24588	0.3040	---	PASS
EGPRS1900	810	0.25189	0.3137	---	PASS

Test Graphs

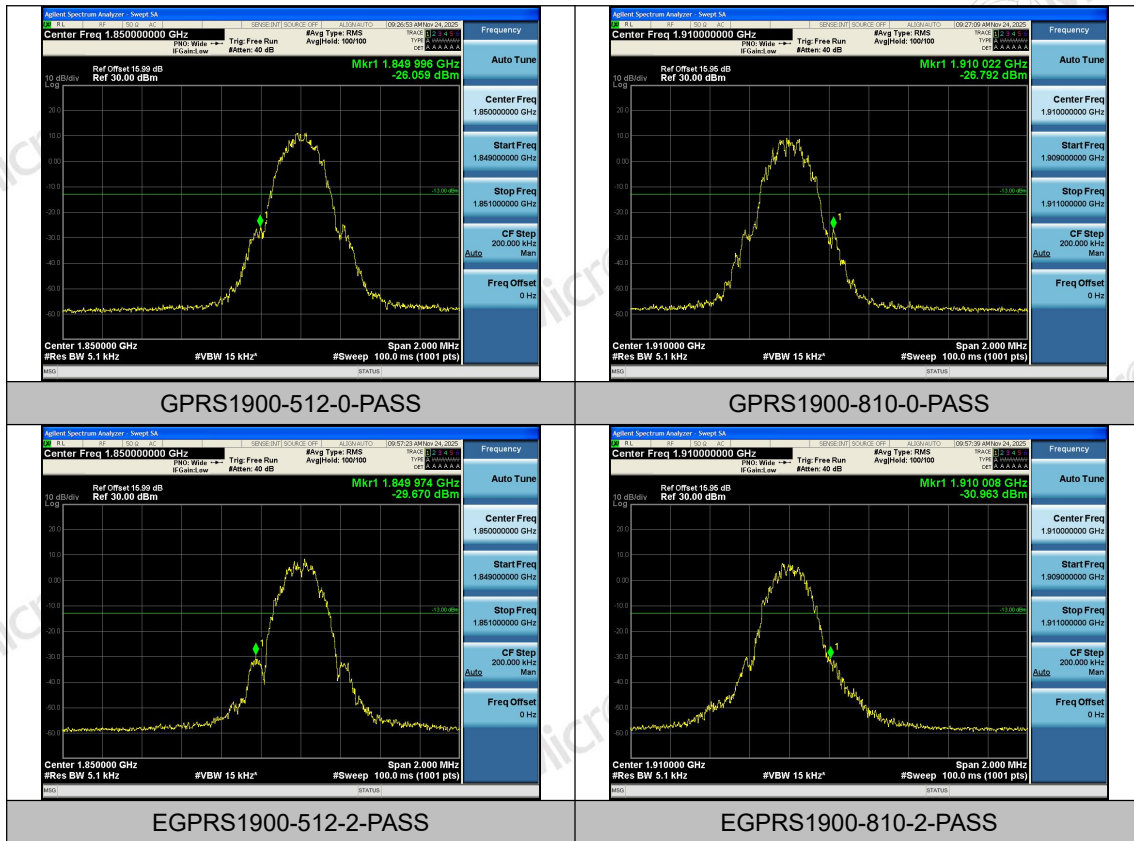


Appendix D: Band Edge

Test Result

Band	Channel	Freq (MHz)	Result (dBm)	Limit(dBm)	Verdict
GPRS1900	512	1850.00	-26.06	-13	PASS
GPRS1900	810	1910.02	-26.79	-13	PASS
EGPRS1900	512	1849.97	-29.67	-13	PASS
EGPRS1900	810	1910.01	-30.96	-13	PASS

Test Graphs

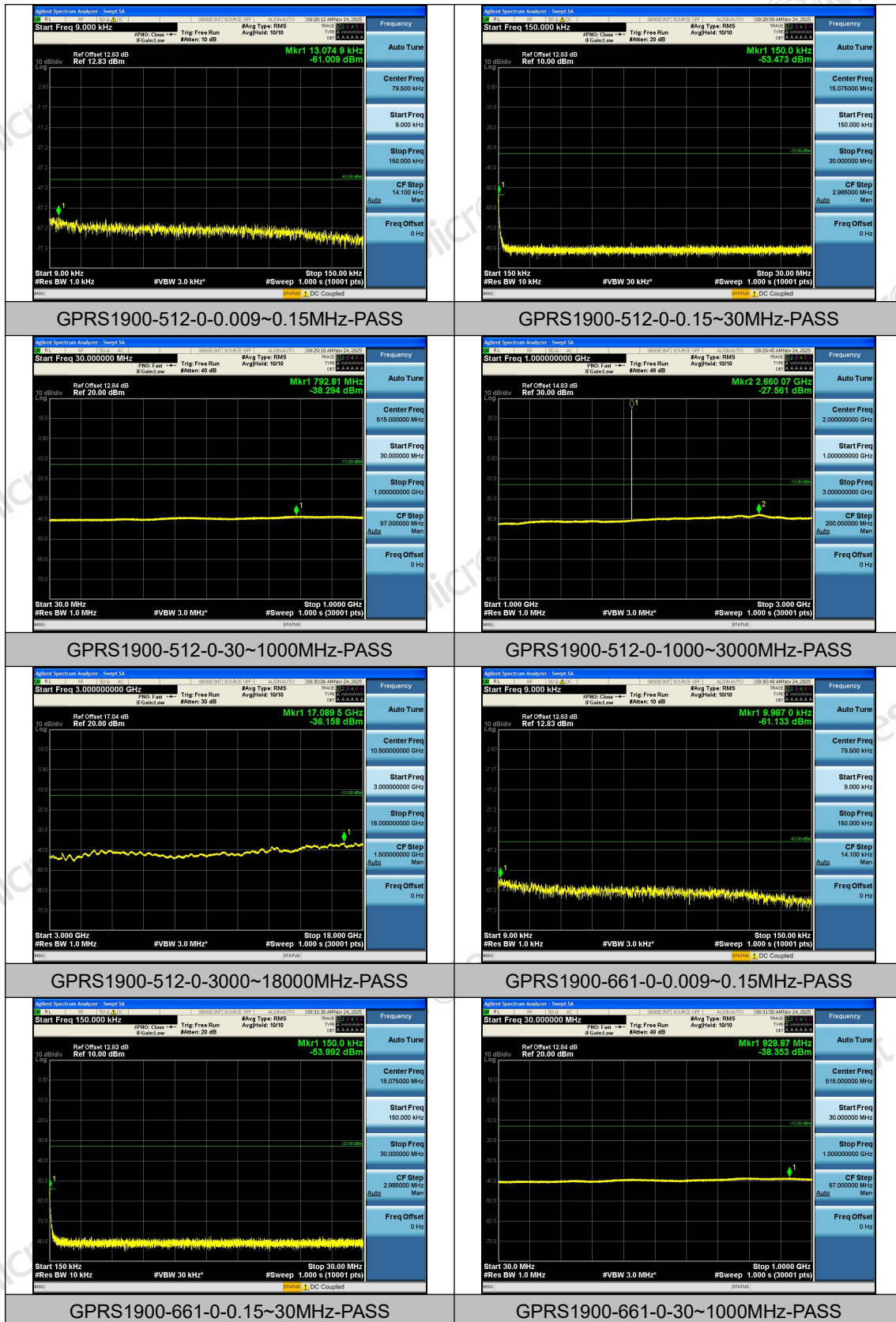


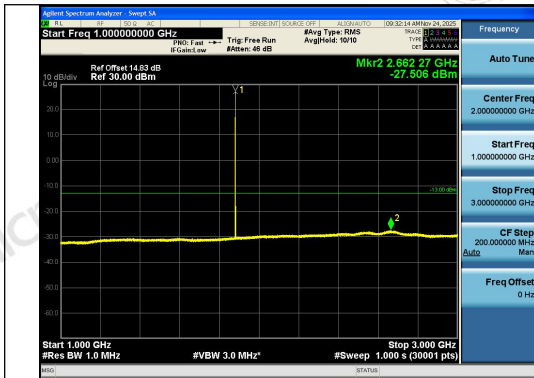
Appendix E: Conducted Spurious Emission

Test Result

Band	Channel	Frequency Range(MHz)	Max.Freq. (MHz)	Result (dBm)	Limit (dBm)	Verdict
GPRS1900	512	0.009~0.15MHz	0.01	-61.01	-43	PASS
GPRS1900	512	0.15~30MHz	0.15	-53.47	-33	PASS
GPRS1900	512	30~1000MHz	792.81	-38.29	-13	PASS
GPRS1900	512	1000~3000MHz	2660.07	-27.56	-13	PASS
GPRS1900	512	3000~18000MHz	17089.5	-36.16	-13	PASS
GPRS1900	661	0.009~0.15MHz	0.01	-61.13	-43	PASS
GPRS1900	661	0.15~30MHz	0.15	-53.99	-33	PASS
GPRS1900	661	30~1000MHz	929.87	-38.35	-13	PASS
GPRS1900	661	1000~3000MHz	2662.27	-27.51	-13	PASS
GPRS1900	661	3000~18000MHz	17093	-36.07	-13	PASS
GPRS1900	810	0.009~0.15MHz	0.01	-60.4	-43	PASS
GPRS1900	810	0.15~30MHz	0.15	-51.19	-33	PASS
GPRS1900	810	30~1000MHz	783.69	-38.32	-13	PASS
GPRS1900	810	1000~3000MHz	2664.47	-27.5	-13	PASS
GPRS1900	810	3000~18000MHz	17055.5	-36.06	-13	PASS
EGPRS1900	512	0.009~0.15MHz	0.02	-61.86	-43	PASS
EGPRS1900	512	0.15~30MHz	0.15	-52.55	-33	PASS
EGPRS1900	512	30~1000MHz	829.22	-38.35	-13	PASS
EGPRS1900	512	1000~3000MHz	2668.87	-27.45	-13	PASS
EGPRS1900	512	3000~18000MHz	17615	-35.97	-13	PASS
EGPRS1900	661	0.009~0.15MHz	0.01	-60.84	-43	PASS
EGPRS1900	661	0.15~30MHz	0.15	-53.27	-33	PASS
EGPRS1900	661	30~1000MHz	946.33	-38.3	-13	PASS
EGPRS1900	661	1000~3000MHz	2674.53	-27.47	-13	PASS
EGPRS1900	661	3000~18000MHz	17090	-36.13	-13	PASS
EGPRS1900	810	0.009~0.15MHz	0.01	-61.35	-43	PASS
EGPRS1900	810	0.15~30MHz	0.15	-52.55	-33	PASS
EGPRS1900	810	30~1000MHz	916.94	-38.27	-13	PASS
EGPRS1900	810	1000~3000MHz	2663.47	-27.42	-13	PASS
EGPRS1900	810	3000~18000MHz	17087.5	-35.93	-13	PASS

Test Graphs

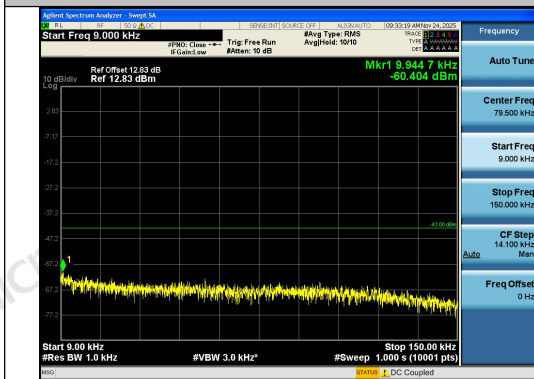




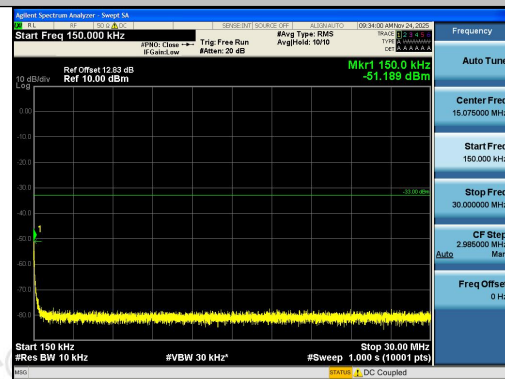
GPRS1900-661-0-1000~3000MHz-PASS



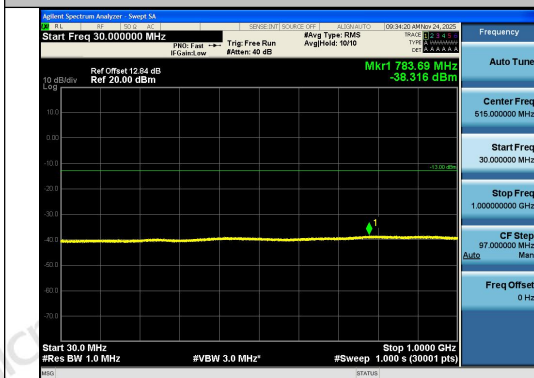
GPRS1900-661-0-3000~18000MHz-PASS



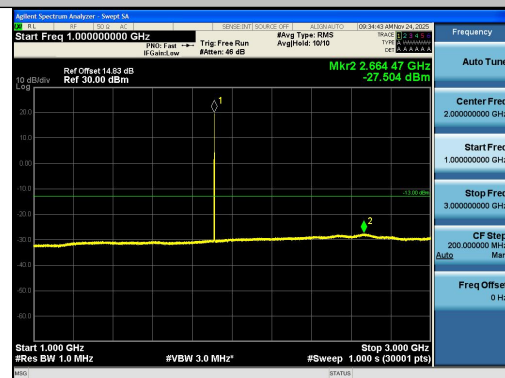
GPRS1900-810-0-0.009~0.15MHz-PASS



GPRS1900-810-0-0.15~30MHz-PASS



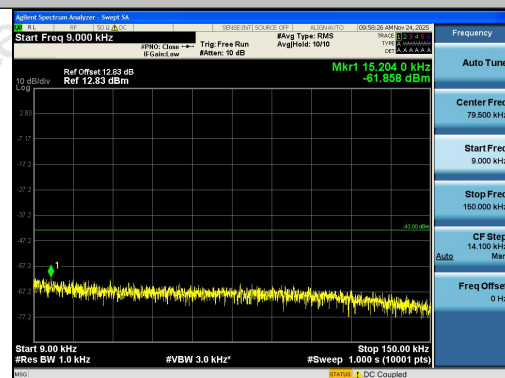
GPRS1900-810-0-30~1000MHz-PASS



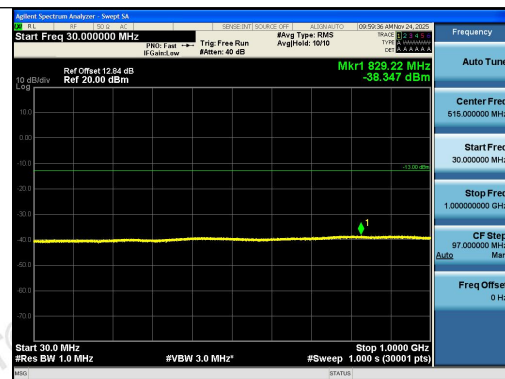
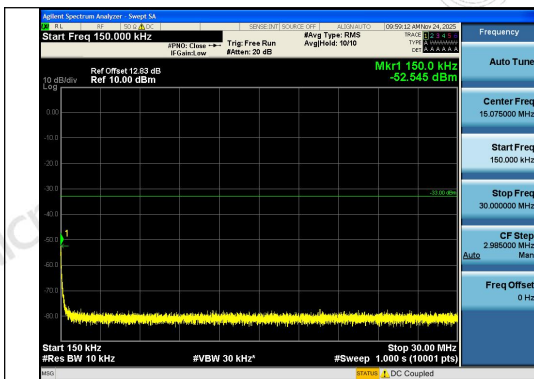
GPRS1900-810-0-1000~3000MHz-PASS



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

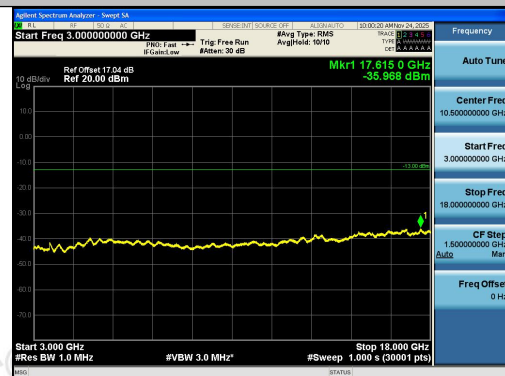
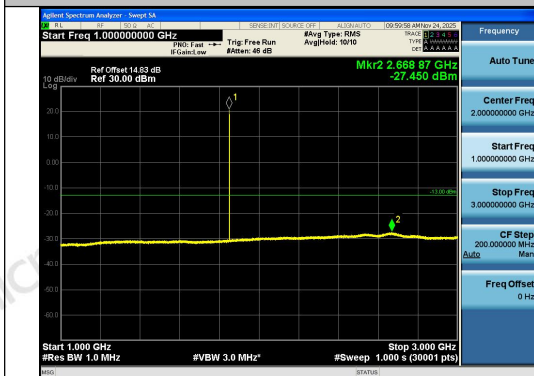


EGPRS1900-512-2-0.009~0.15MHz-PASS



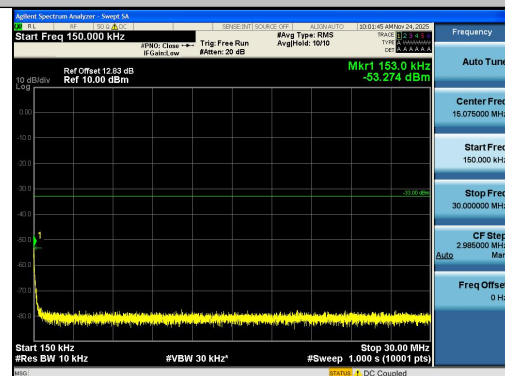
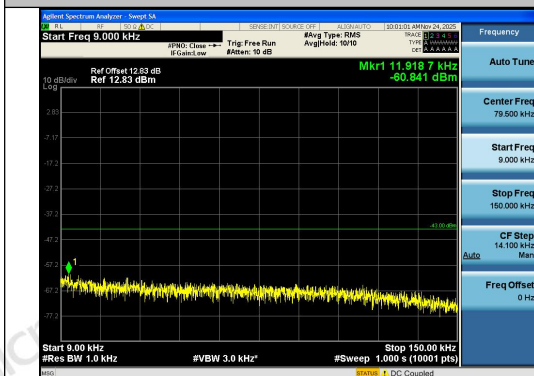
EGPRS1900-512-2-0.15~30MHz-PASS

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



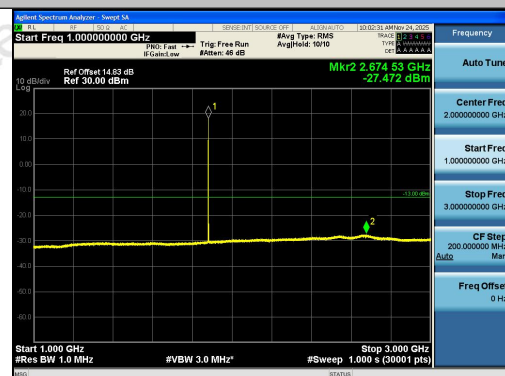
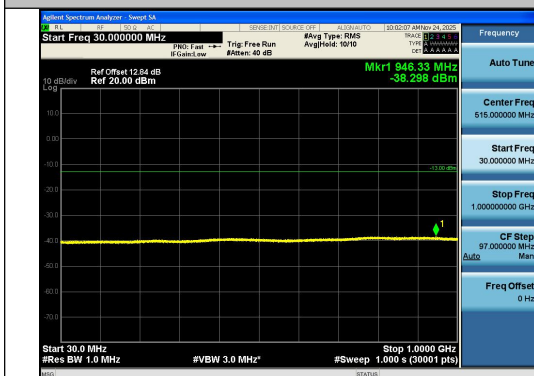
EGPRS1900-512-2-1000~3000MHz-PASS

EGPRS1900-512-2-3000~18000MHz-PASS



EGPRS1900-661-2-0.009~0.15MHz-PASS

EGPRS1900-661-2-0.15~30MHz-PASS



EGPRS1900-661-2-30~1000MHz-PASS

EGPRS1900-661-2-1000~3000MHz-PASS