

3M Company
EMC Laboratory

3M Company
Building 76-1-01
St. Paul, MN 55144-1000
651 778-6516



March 6, 2007

Yuriy Litvinov, NCE
TCB Reviewer
Intertek
ETL SEMKO division
7250 Hudson Blvd., Suite 100
Oakdale, MN 55128-9000

Tel. 651-730-1188
Fax 651-730-1282

Class II Permissive Change to FCC ID: DGFSSD877

The following describes the changes made to the Antenna Matching Network of the Model 877, FCC ID: DGFSSD877, and the reasons for the changes. The actual design was not changed, just component types and values, which resulted in a change in the emissions data previously reported to the FCC.

- The series resistors were changed from a wire-wound type to a thin-film type to reduce the amount of noise that was introduced into the circuit from the ambient environment.
- The variable capacitors were changed to a form factor that made setup easier in the factory.
- The values of the static series capacitors were adjusted to drain harmonic content to the coax shield before it reached the antenna.

Bruce R. Jungwirth
3M Company
EMC Laboratory
651-778-6516
brjungwirth@mmm.com