

## FAB 2 PHASE 3 CLEAN ROOM EXPANSION

**RFMD** 

**10,000 SqFt** CLEAN ROOM EXPANSION  
Completed December 2005  
Greensboro, NC



### RF MICRO DEVICES

This project consisted of ten thousand square feet of new clean room and chase space expansion for MBE production for RFMD's Gallium Arsenide Wafers (GaS). The rooms contained anti-static epoxy flooring, custom clean room panels with low wall returns and gasketed strut supported ceilings with HEPA filters. The project was constructed with "Build Clean" protocol from beginning to end. Mechanical portions of the project incorporated custom make-up air handlers (MAHU) and return air handling units (RAHU) delivered through a plenum system. The associated process system included gaseous nitrogen, CDA, PVAC and HVAC. Electrical systems included connections to the Central utilities building, UPS system and generator.



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