



EST offers a full range of EMC testing methods through our EMC facility in Plymouth, Michigan. Our highly qualified engineers and technicians are able to perform tests which meet the European Type Directives and those of major vehicle manufactures. This fully independent testing service is accredited by the American Association for Laboratory Accreditation (A2LA) and provides system and component suppliers with quick and convenient service.

TECHNICAL SPECIFICATIONS

Semi-Anechoic Chamber

Dimensions: 9.5m x 6.5m x 6m (32' x 21' x 19.5')

Double Access Doors: 3m x 3m (10' x 10')

Turntable: 2m diameter with 1 ton loading

Radiated RF Emissions testing 10kHz to 2.9 GHz

Conducted RF Emissions testing 150kHz to 108MHz

Radiated RF Immunity testing 20MHz to 2.5GHz at 200V/m

Bulk Current Injection testing 1MHz to 400MHz

Reverberation Chamber

Dimensions: 4.8m x 3.6m x 3.1m (16' x 12' x 10')

Mode Tuned testing 400MHz to 4GHz

Minimum 200W power across full frequency range

CW, AM and pulse modulation

Specifications

Ford ES-XW7T-1A278-AB

Ford ES-XW7T-1A278-AC (October 2003)

GMW 3097 (February 2004)

A2LA and AEMCLRP Accredited

SERVICES

European road vehicle approval – 'e' and 'E' marking.

Component tests to vehicle manufacturer's specifications -

Ford, GM, Nissan, Honda, PSA, and Toyota.

Test Plan development.



Pictured above: Semi-Anechoic Chamber