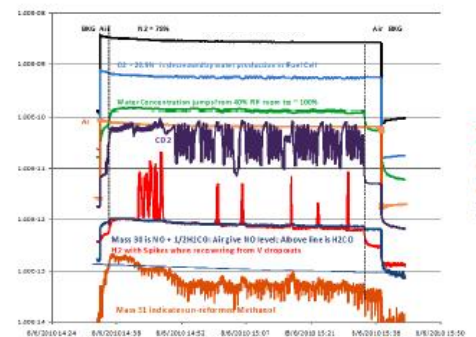
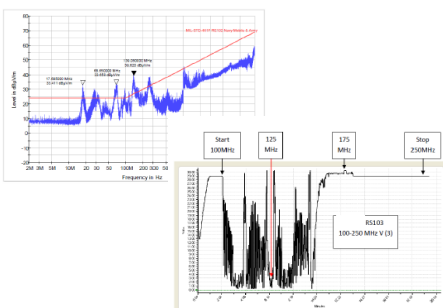
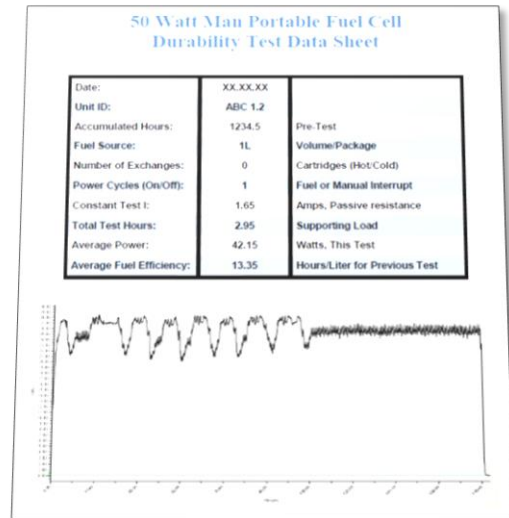




# MoundTech Environmental Test Services

TEST	PROTOCOL
Electromagnetic Compatibility (EMC)	MIL-STD-461
Sand/Dust	MIL-STD-810F Method 510.4
Environmental Stress Screening (ESS)	MIL-STD-810F
Durability	Comprehensive variable control, standard development
Heat generation	Thermal Imaging, TC profiling Various ambient conditions
Sound generation	Aural non-detectability level, MIL STD 1474 D
Physical durability	Interface cables, labels, push buttons, displays, carrying cases, fuel interconnects, case
Gas emissions	Mass Spec and specific sensor analysis for hazardous effluent or poor performance
Fuel compatibility	Containers, composition
Load testing	Active, passive loads, on/off cycles
Many additional tests	Numerous product and component testing





## MoundTech Environmental Test Services

MoundTech has been providing the fuel cell industry with a comprehensive suite of test and measurement instrumentation since 2007. In that year, MoundTech began proving test and evaluation of portable fuel cell products. We have amassed over 15,000 operating hours of fuel cell power products in the course of our testing. The environmental testing of fuel cell products provides unique challenges:

- ❑ Each test requires, at minimum, the operation of the UUT under appropriate load and logging of the operating performance pre and post test
- ❑ The ability to accommodate testing in the presence of hydrogen and other gases
- ❑ Data collection and analysis to determine Pass/Failure
- ❑ Mitigation of perturbing factors specific to the technology under test

MoundTech has a comprehensive network of accredited test facilities. Our network of test facilities enables us to provide our customers with high expertise, fast turn-around, and low costs. Our experience and inventory of instrumentation translates into less burden on the customer's resources of personnel and equipment. We are experienced in testing to the stringent requirements of the United States Military.

Our goal is to assist our customers in the process of product evaluation and improvement to meet the readiness criteria of the market. All test results and product descriptions are maintained as confidential to protect the proprietary IP of each of our customers. NDAs are routinely executed to explicitly manage product and data.

Advantages of partnering with MoundTech as your one-stop test solution:

- ✓ Experience and knowledge to properly configure tests for MIL STD requirements
- ✓ Equipment to properly operate, load, and log the functioning test unit
- ✓ Versatility and ability to meet scheduling and budgetary requirements
- ✓ Ability to mitigate problems and assist with technical issues of tests
- ✓ MoundTech serves as an independent and unbiased evaluator that has been approved by government and commercial entities

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