

Satellite Engineering Model Laboratory



Services Provided:

- Verifying and validating the integrity of satellite systems
- Perform testing programs (cyclograms) according to testing matrix
- Checking the satellite subsystems functionality and software capabilities using special check out equipment

Facilities Available:

- EgyptSat-1 engineering model
- Central Control Console (CCC)
- Power Sub-System Check Out Equipment (PSS COE)
- PCDHS and ADCS Check Out Equipment (COE-IT)
- Communication subsystem (S-Band & X-Band) Check Out Equipment (CSS COE)
- Payload Command and Data Handling Subsystem Check Out Equipment (PLCDHS COE)
- GPS Check Out Equipment (GPS COE)
- Store and Forward Payload Check Out Equipment (SFCPL COE)
- Telemetry (TLM) module check out equipment

Samples from our Projects / Products:

- EgyptSat-1
- EgSACube Series



Part of our Facilities / Services:

EgyptSat-1 engineering model

The real engineering model of Satellite EgyptSat-1.



Power distribution and control unit of satellites

NExSat

Engineering model of NExSat satellite



EgSACube

Assemble and test unit of EgSACube

Communication check test equipment

Testing device of satellite communication system.



And many others... Contact us to know more about our Services.