



Test Setup Photos

EUT Name: Energy Axis Mobile Interrogator

EUT Model: EA_Mobile

FCC ID: G8JEAMOBILE1

FCC Title 47, Part 15C

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Test Setup Photos:



Figure 1: Typical Conducted RF Measurements.



Figure 2: Rear View of Conducted RF Measurements.

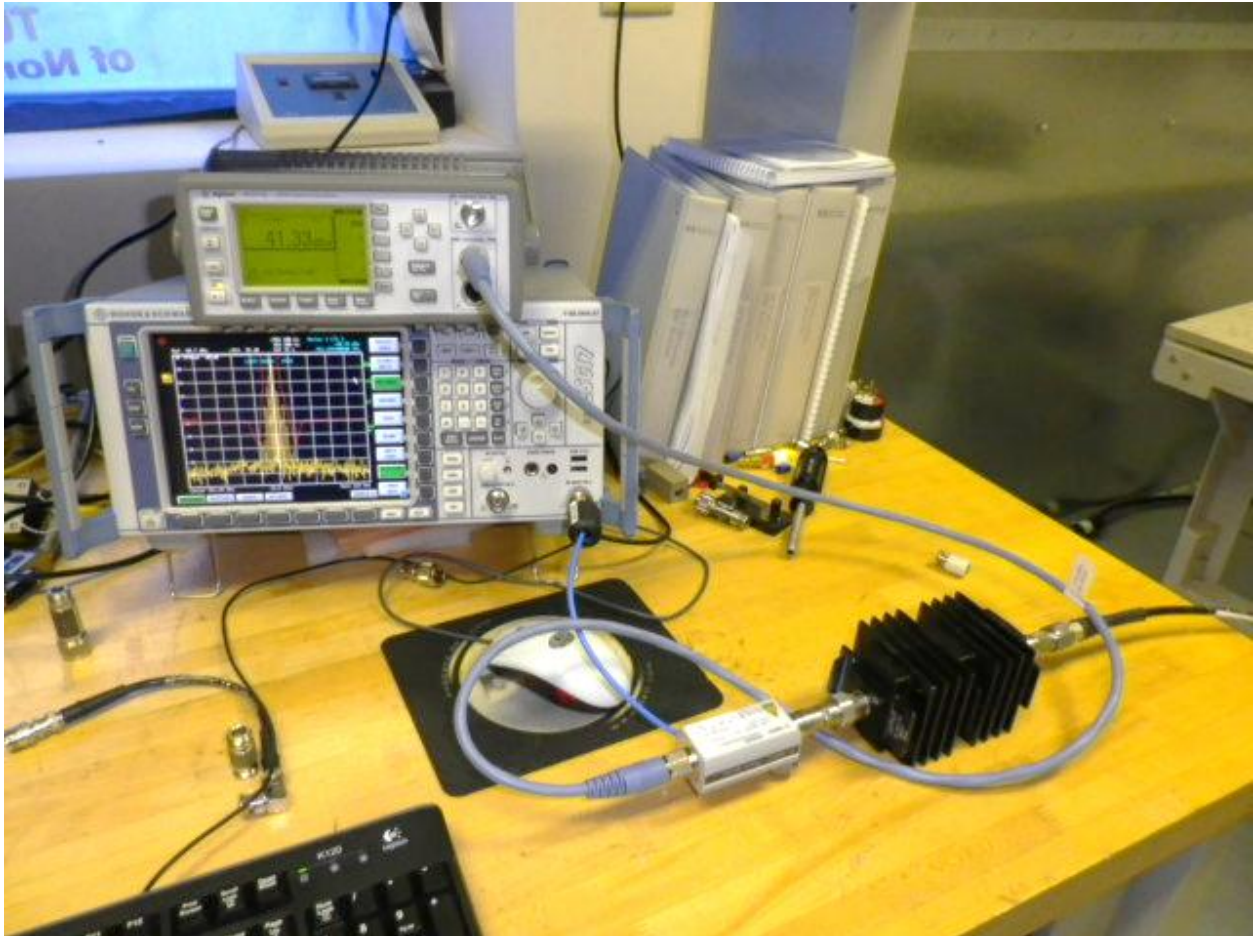


Figure 3: Typical Conducted RF Power Measurements.



Figure 4: Test Setup for Modulation Requirements and Characteristics.

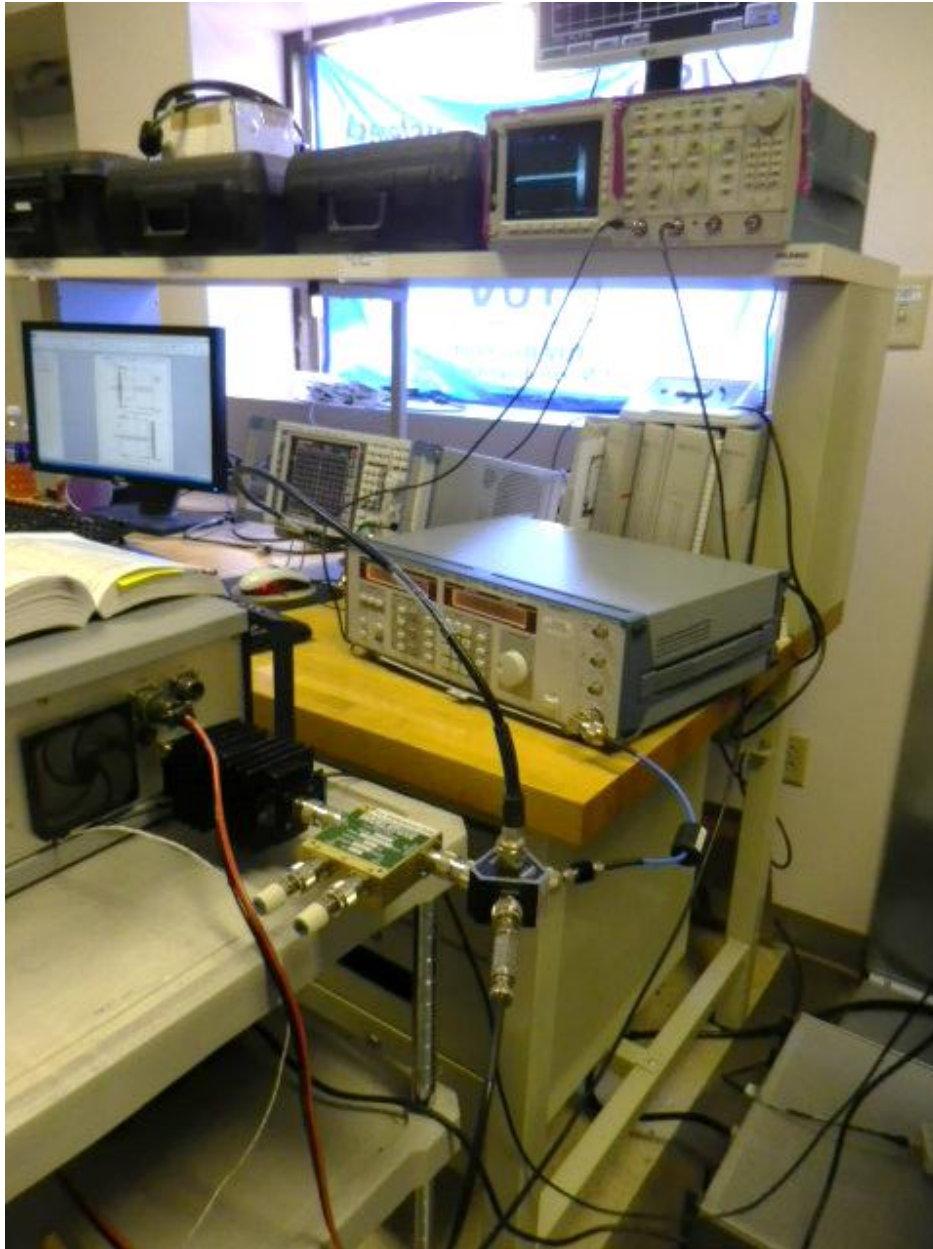


Figure 5: Test Setup for Transient Frequency Behavior Tests.



Figure 6: Rear View of Conducted RF Measurements.



Figure 7 - Radiated Emissions Test Setup (Semi-Anechoic Chamber): 30 to 1000 MHz
Shown with the laptop configuration (Worst case)

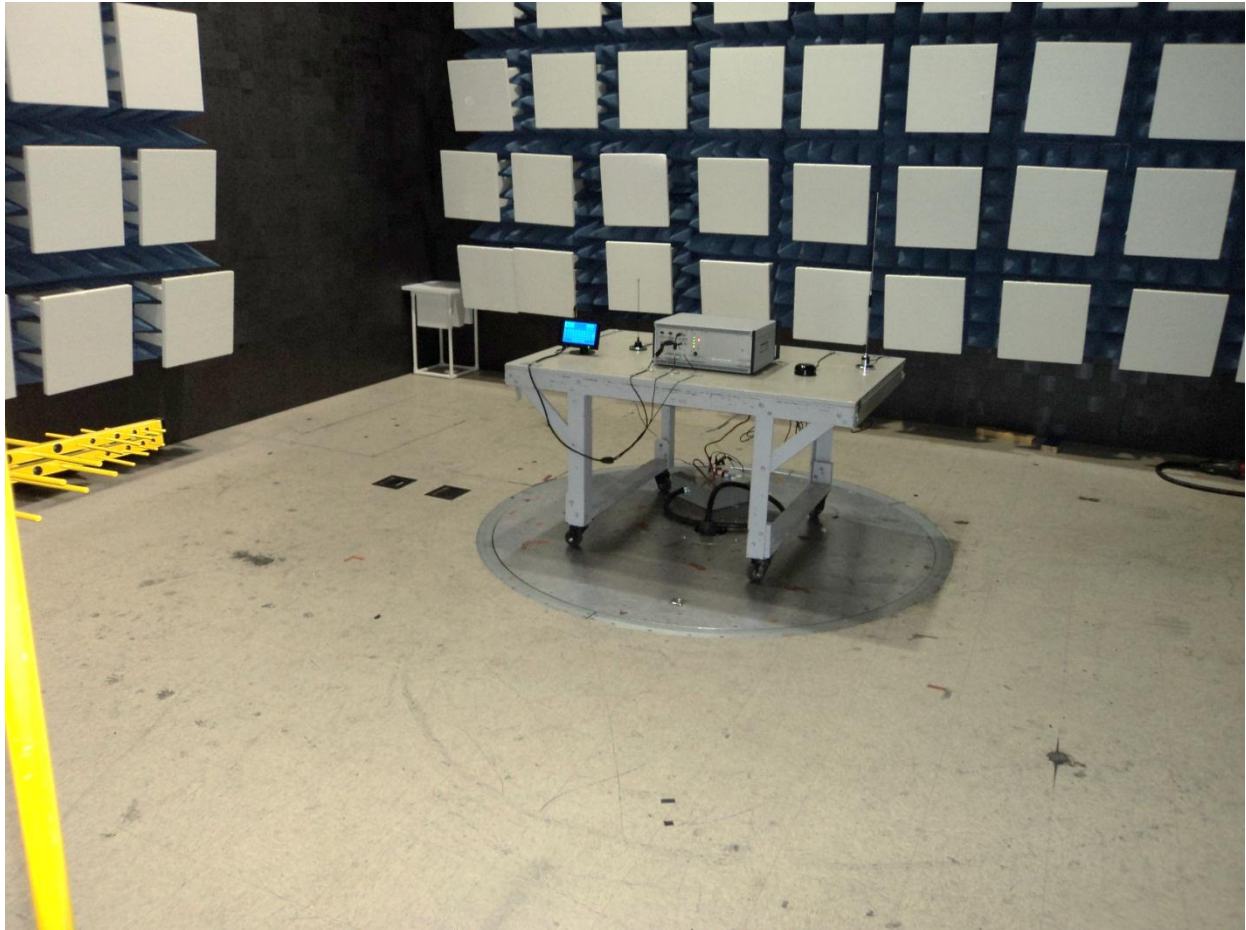


Figure 8 - Radiated Emissions Test Setup (Semi-Anechoic Chamber): 30 to 1000 MHz
Shown with the touch-screen configuration (Worst case)

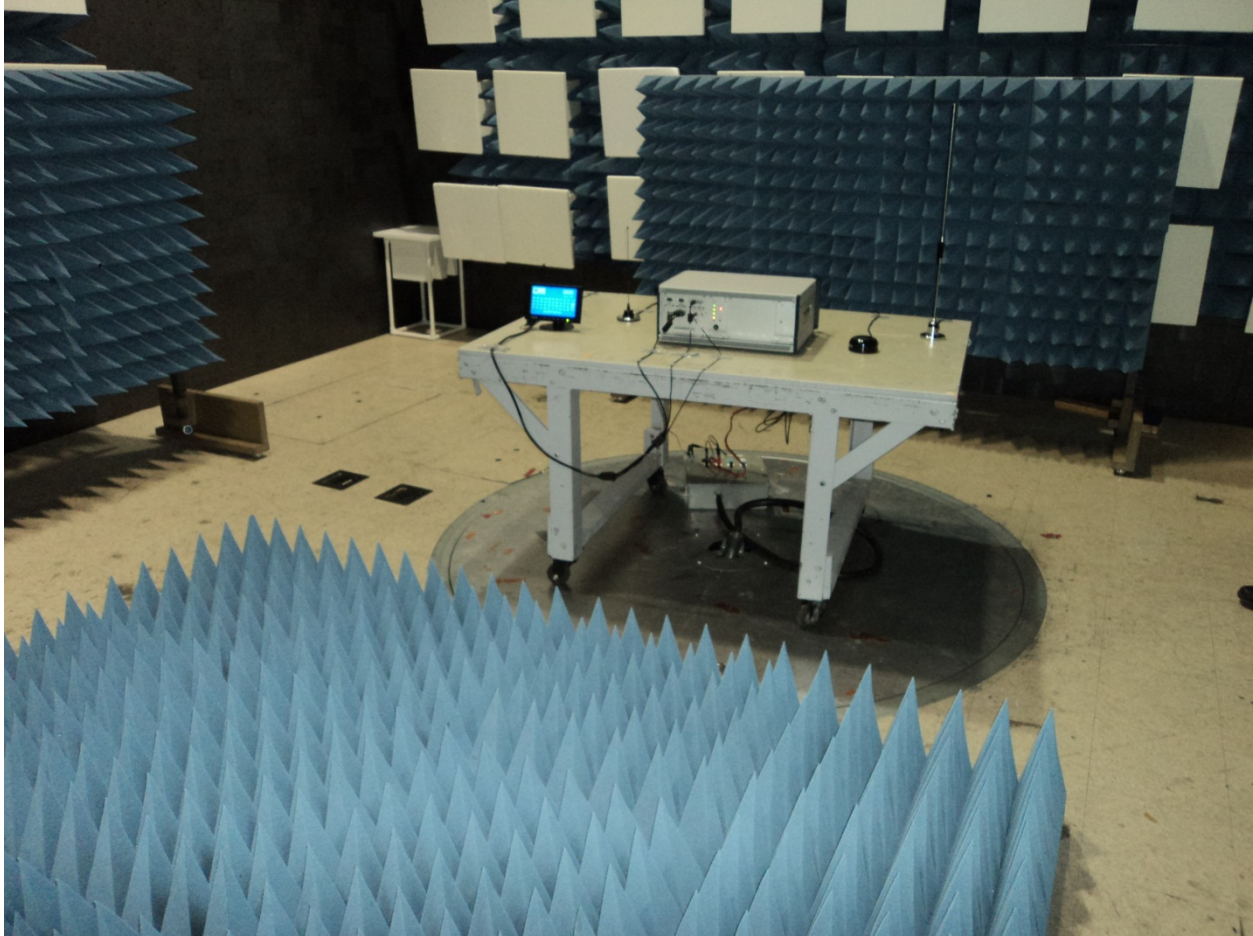


Figure 9 - Radiated Emissions Test Setup (Semi-Anechoic Chamber): 1 to 5 GHz

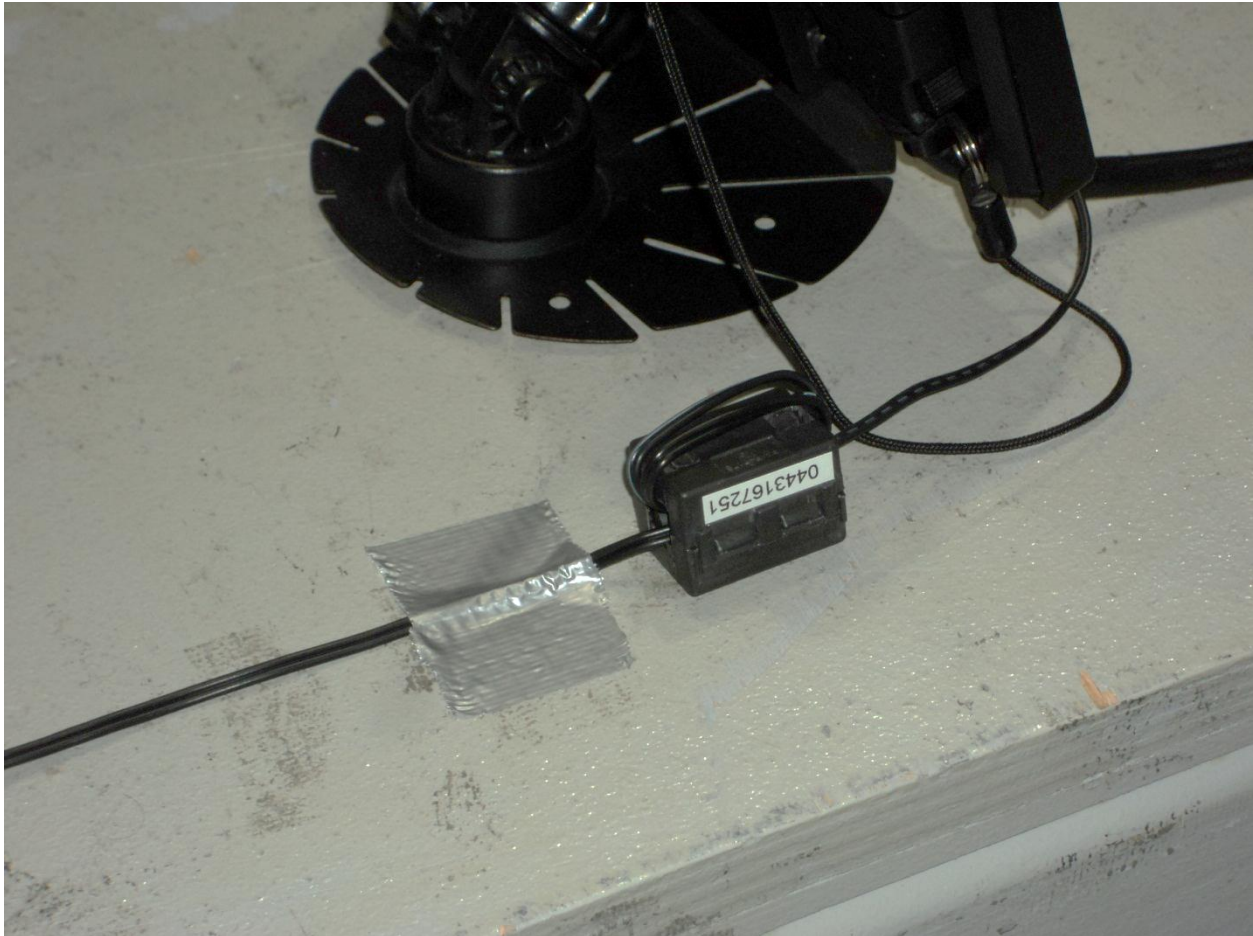


Figure 10 – View of Ferrite placed on Monitor power line

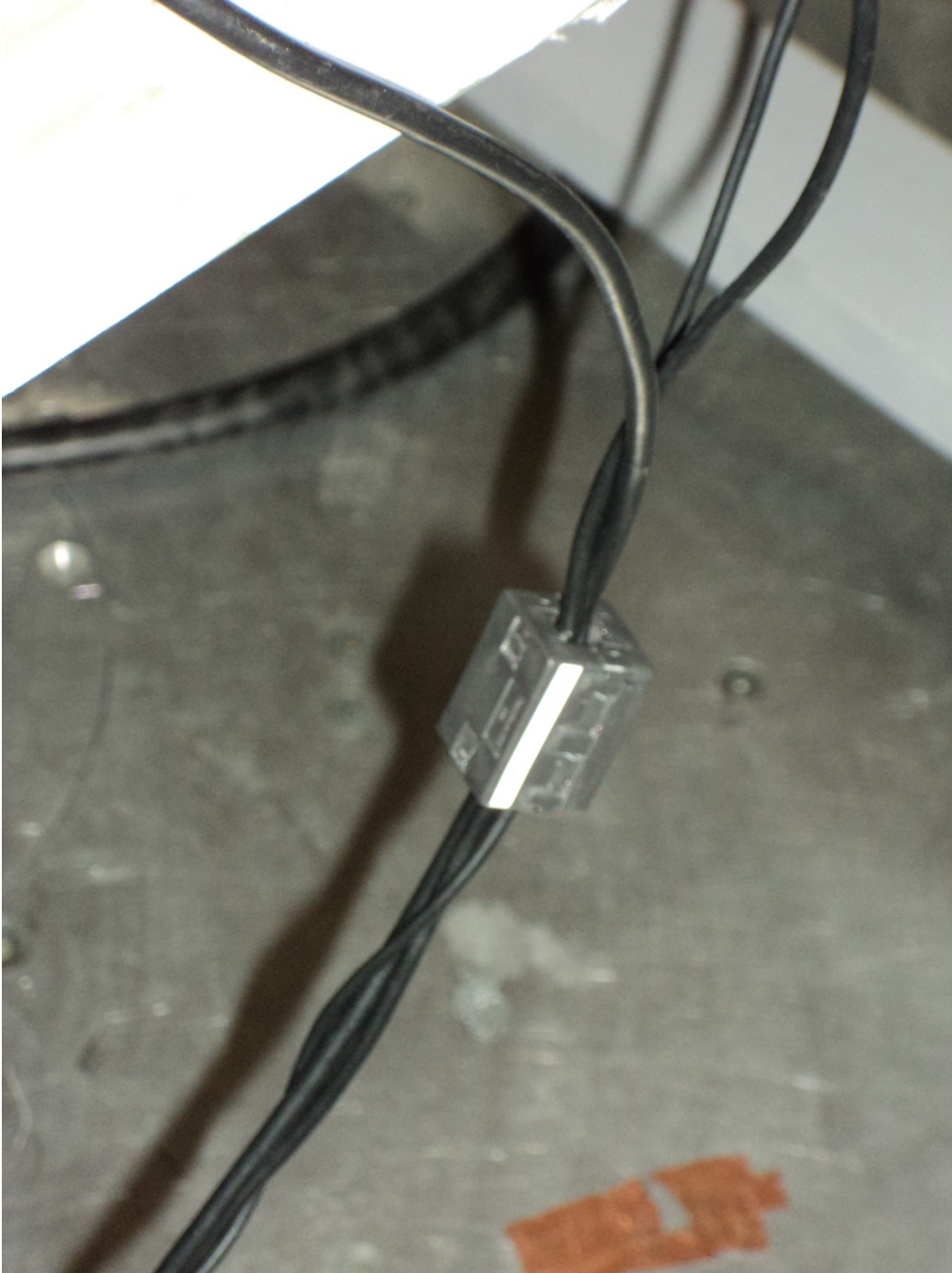


Figure 11 – View of Ferrite placed on Monitor Data line

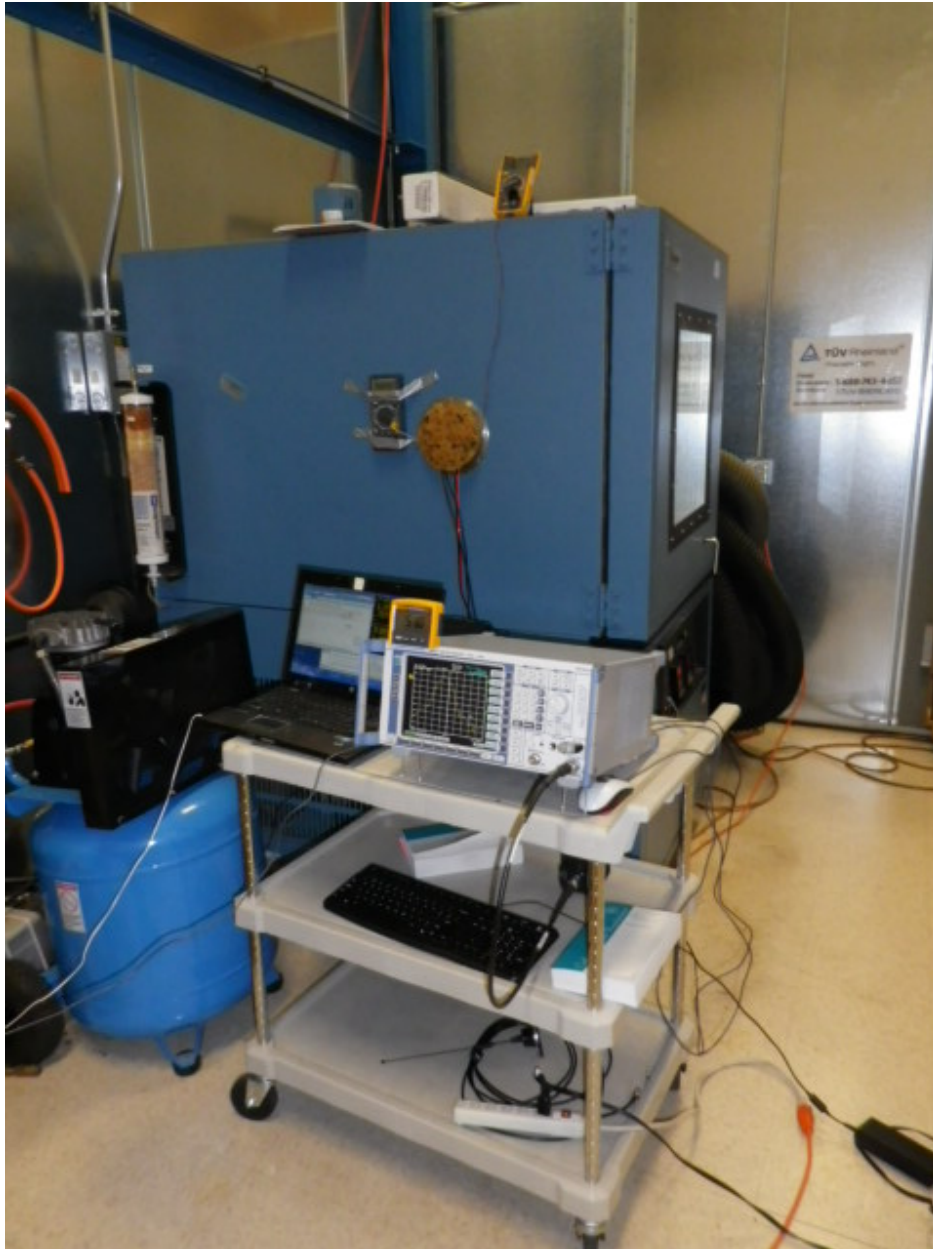


Figure 12: Extreme Temperature and Power Test setup.



Figure 13: Extreme Temperature and Power Test setup – EUT inside Temperature Chamber.

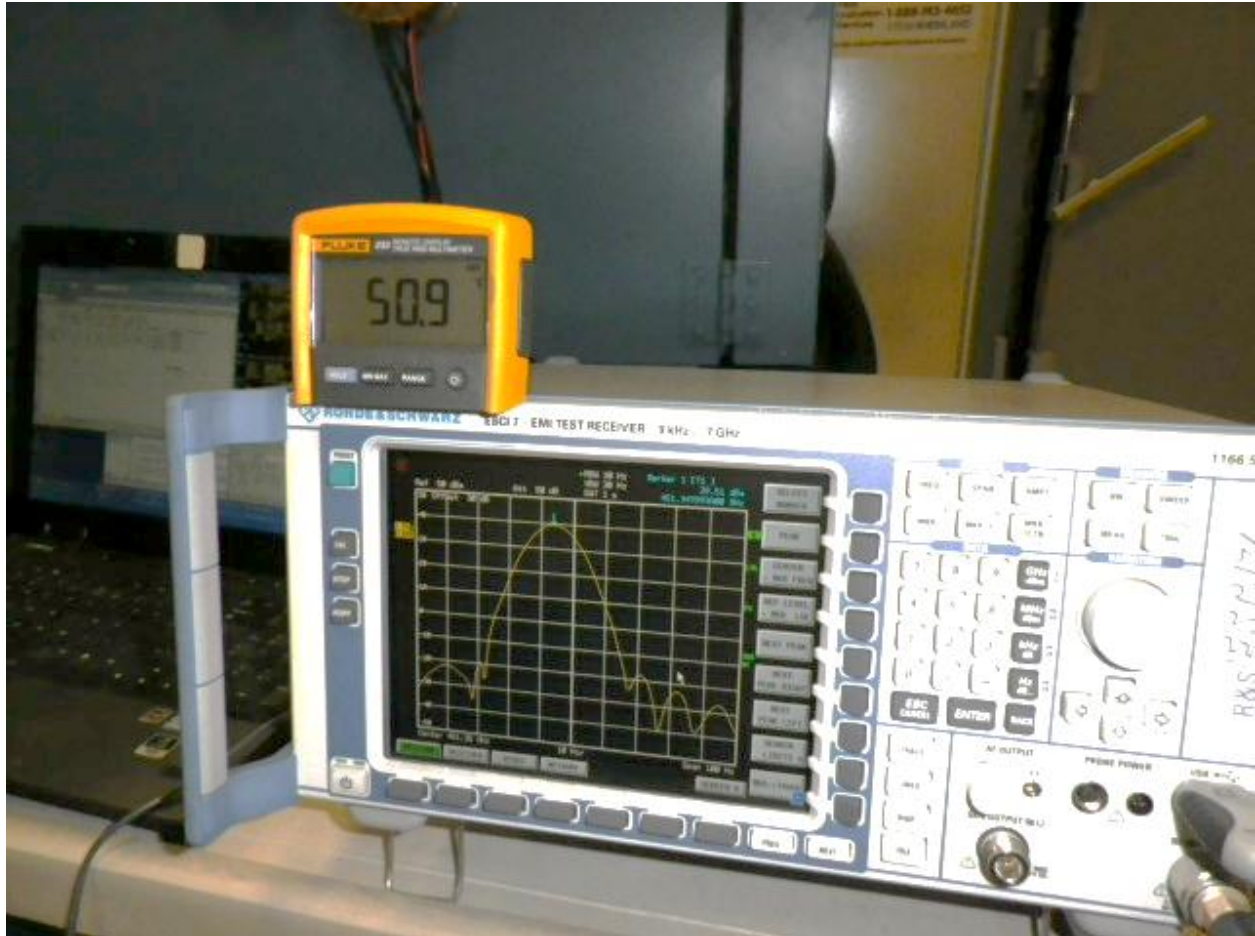


Figure 14: Monitoring temperature, frequency and power of the EUT.