To: EDGES Group
From: Alan E.E. Rogers
Subject: Automated S11 measurement system calibration

Several algorithms are possible. Here is one used for comparison:

In the lab:
1] Put calibration SOL at reference plane
2] Solve for S-params using SOL models based on datasheet
3] Get data for internal SOL

In the field with antenna at reference plane and internal SOL available via switch:
5] Get internal SOL data
7] Get antenna data