

DUT and SAR Set-up Photos

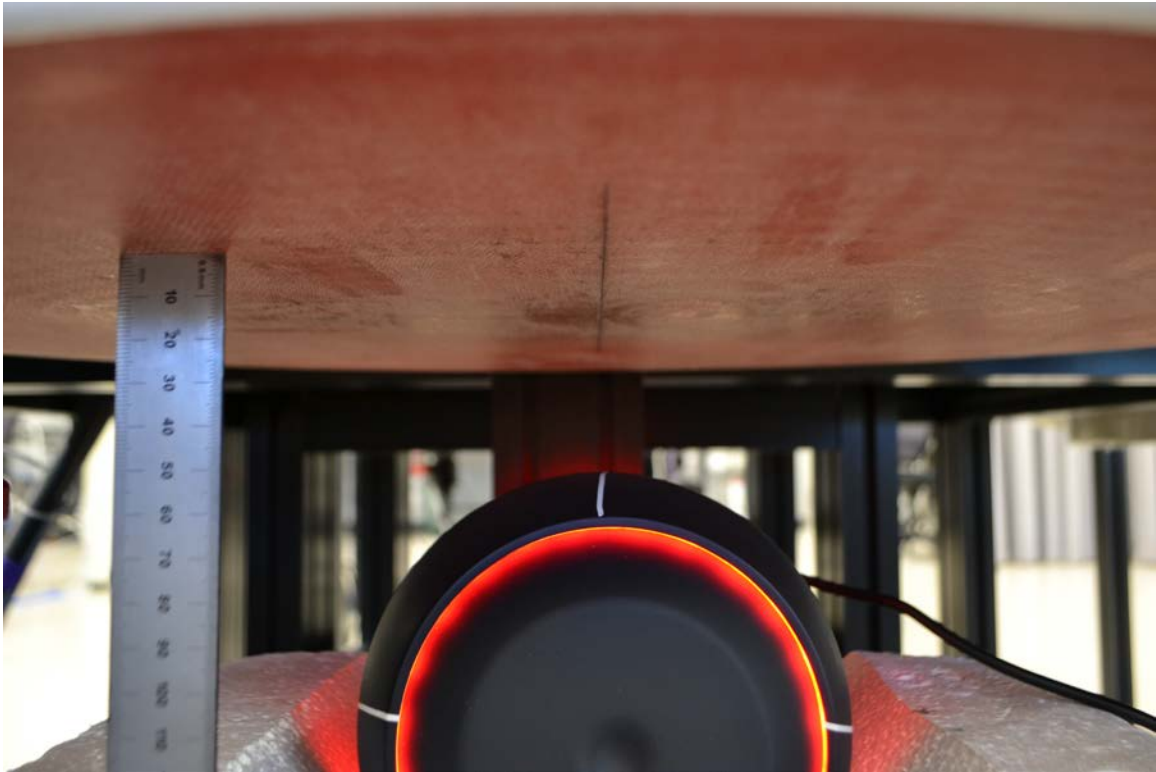
Front View of the DUT



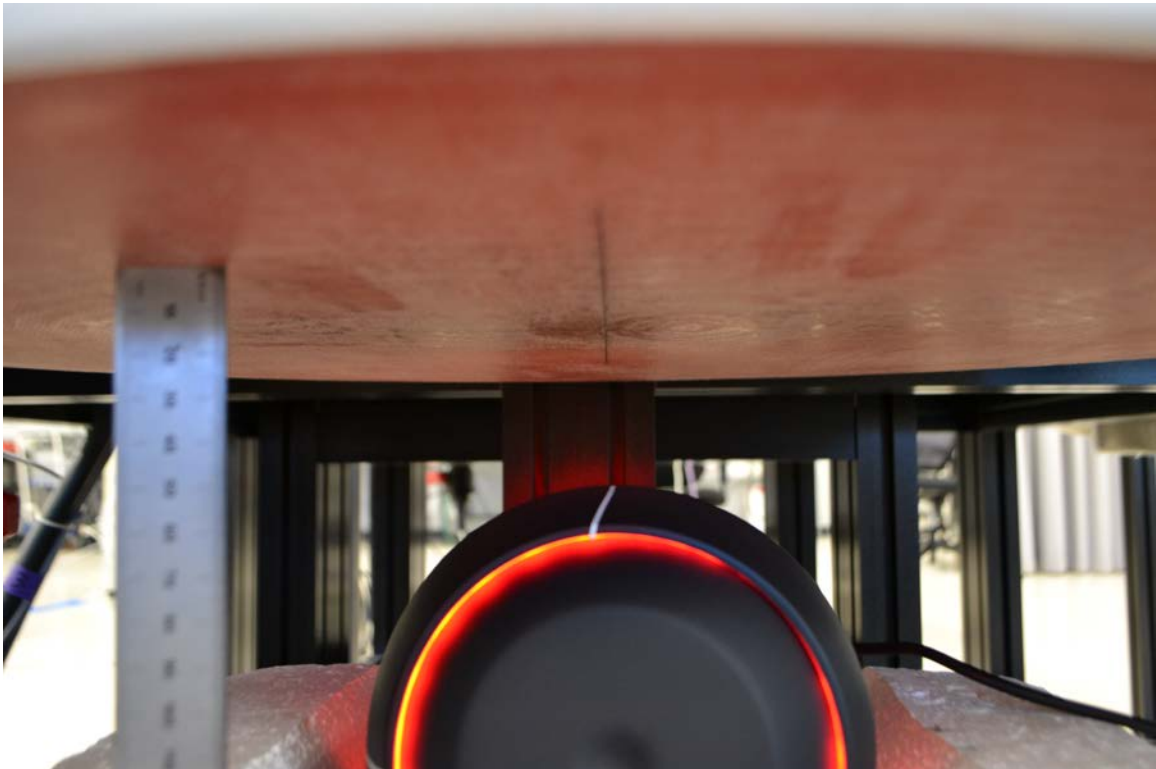
Setup Photos

Body Exposure Conditions

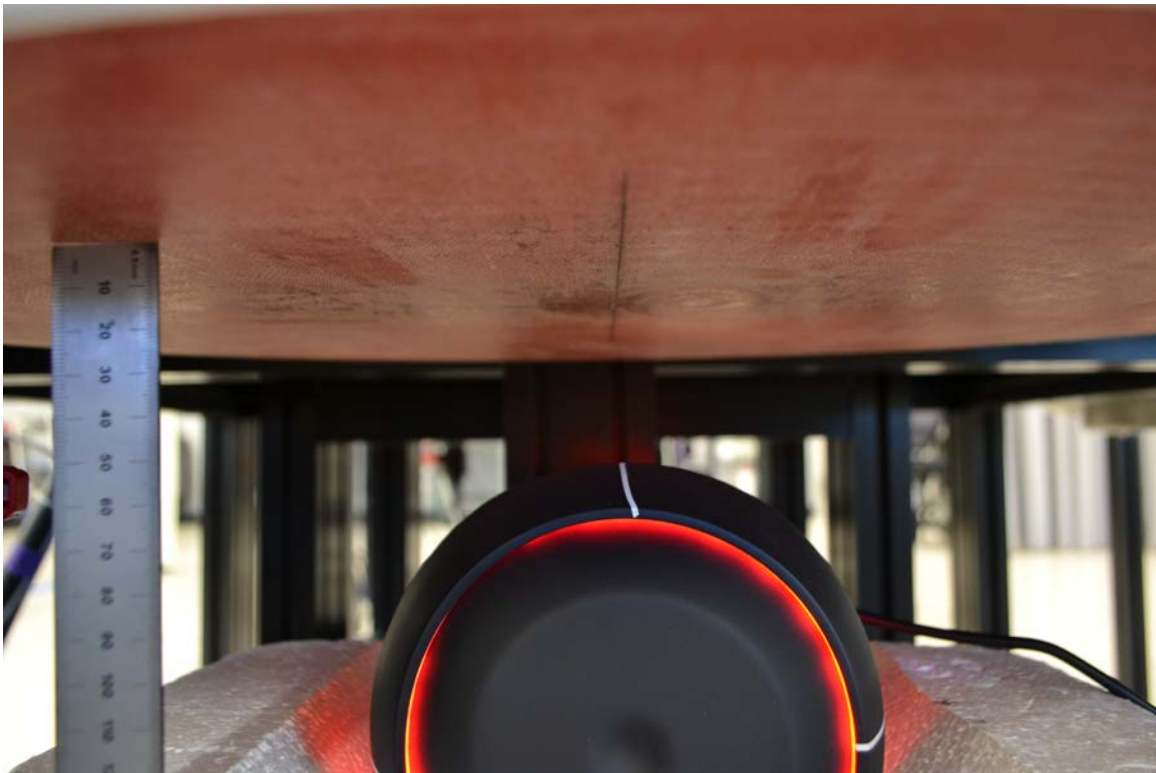
Edge 1



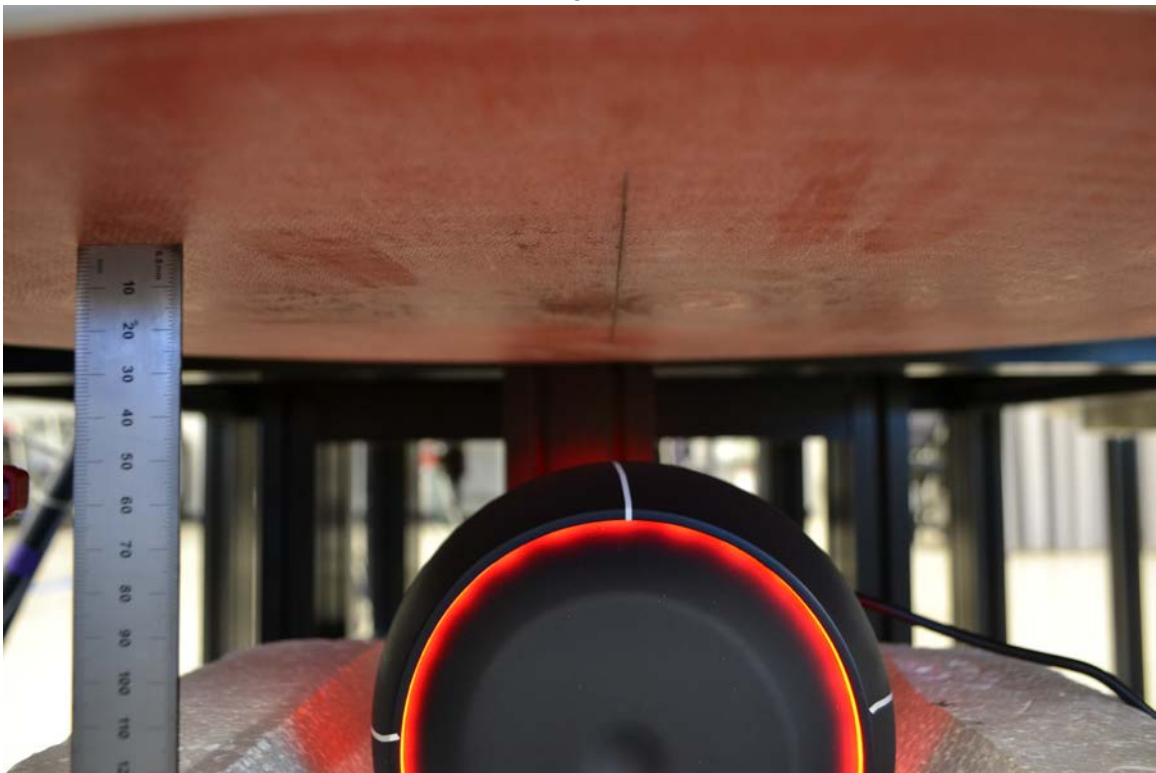
Edge 2



Edge 3



Edge 4



w/ Mother Box Receiver



MotherBox Antennas

The MotherBox transmitter comprises of three antennas placed orthogonally to one another and the feedlines of these antennas are close to the PCB in order to provide RF power at 6.78 MHz frequency. Therefore, the MotherBox can be thought of as the first 3D magnetic resonant charging pad. Fig. 2 shows an illustration of the 3D antennas with the feedline locations below.

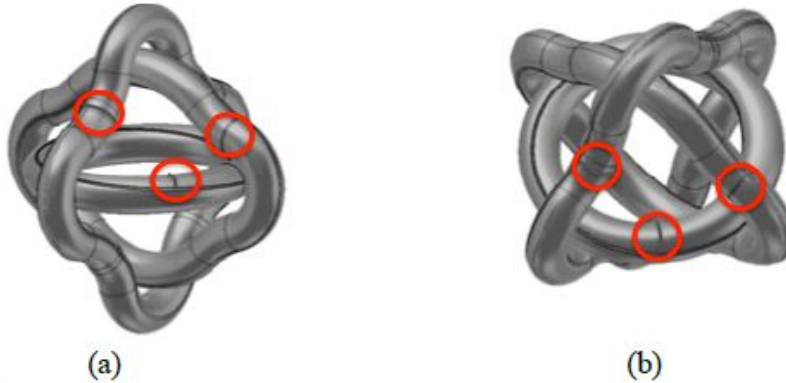


Fig. 2: 3D antennas with highlighted feedlines. (a) Front View and (b) Prospective View.

Another illustration of the 3D antennas in the MotherBox mechanical support structure is shown below in Figure 2:



Fig. 3: 3D antennas inside mechanical support structure