



The 1g peak evaluations are only available for the predefined cube 5x5x7 scans. The routines are verified and optimized for the grid dimensions used in these cube measurements. The measured volume of 32x32x30mm contains about 35g of tissue. The first procedure is an extrapolation (incl. boundary correction) to get the points between the lowest measured plane and the surface. The next step uses 3D interpolation to get all points within the measured volume in a 1mm grid (35000 points). In the last step, a 1g cube is placed numerically into the volume and its averaged SAR is calculated. This cube is then moved around until the highest averaged SAR is found. If the highest SAR is found at the edge of the measured volume, the system will issue a warning: higher SAR values might be found outside of the measured volume. In that case the cube measurement can be repeated, using the new interpolated maximum as the center.

(6) The distance that probe tip to phantom inner surface is 10mm during course scans.

Best Regards,

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Dear Demi,

Please find the attached of ATCB comments of DNI's project.

Should you have any question, please feel free to let me now.

Best regards.
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(See attached file: ATCB Comments_012803.pdf)



AN Testing Tissue Simulating Liquids Using HP85070.pdf



ATCB Comments_012803.pdf