

SAR Data Report 02082021

Start : 20-Aug-02 01:56:51 pm
End : 20-Aug-02 02:03:26 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : Dipole
Frequency : 835 MHz
Transmit Pwr : 0.250 W
Antenna Type : Dipole
Antenna Posn. : Validation

Measurement Data:

Phantom Name : SAM-FLAT
Phantom Type : Uniphantom
Tissue Type : Brain
Tissue Dielectric : 40.560
Tissue Conductivity : 0.880
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT002
Probe Type : E Fld Triangle
Frequency : 835 MHz
Tissue Type : Brain
Calibrated Dielectric : 40.700
Calibrated Conductivity : 0.890
Calibrated Density : 1.000
Probe Offset : 2.400 mm
Conversion Factor : 5.800
Probe Sensitivity : 3.597 3.474 3.049 mV/(mW/cm²)
Amplifier Gains : 20.00 20.00 20.00

Sample:

Rate: 6000 Samples/Sec
Count: 100 Samples
NIDAQ Gain: 5

Comments:

835 MHz Validation

CF=1; Amb. Temp= 22.2 'C; Liq. Temp=22.1 'C

Area Scan - Max Peak SAR Value at x=1.0 y=-1.0 = 2.13 W/kg

Zoom Scan - Max Peak SAR Value at x=1.0 y=-1.0 z=0.0 = 3.31 W/kg

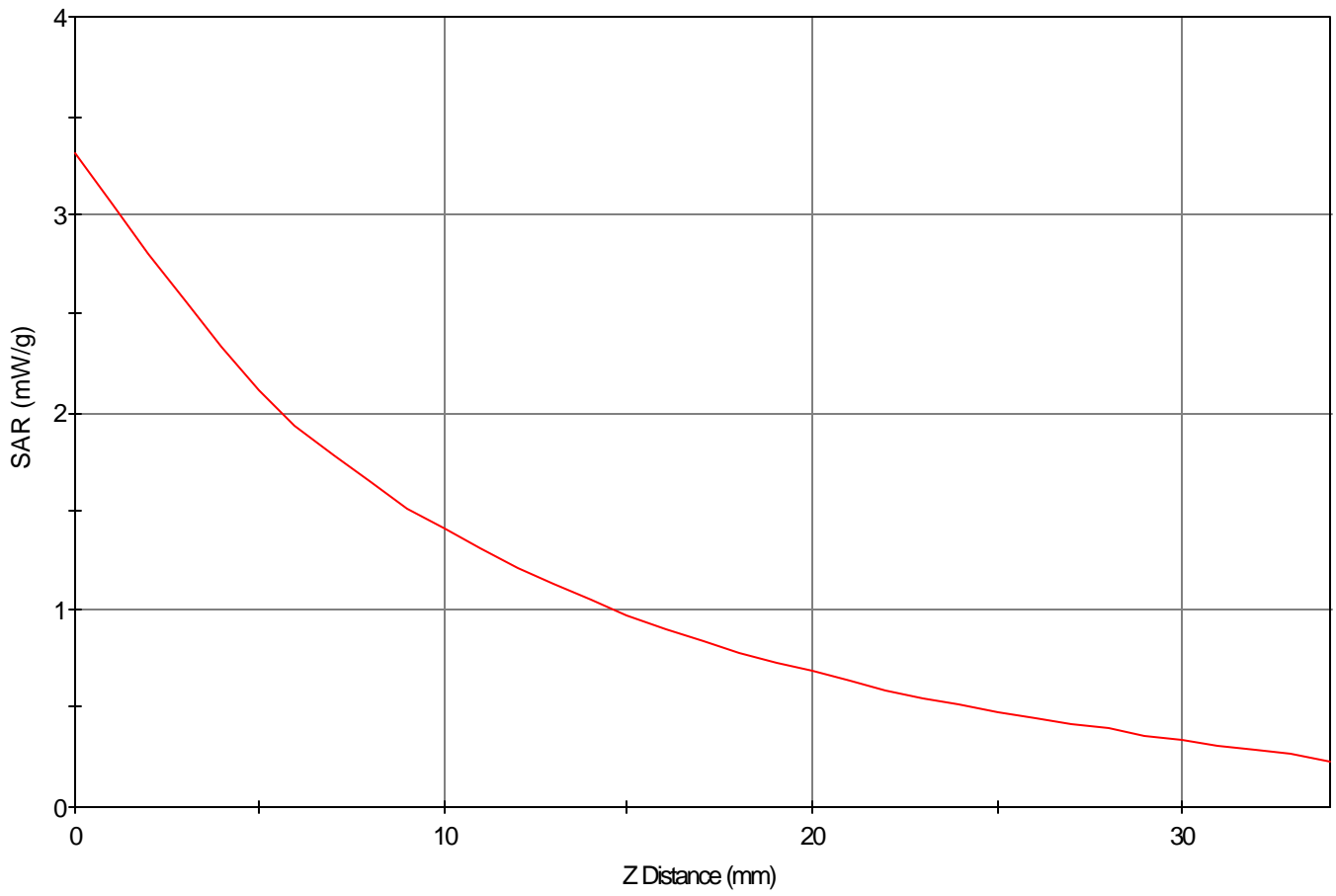
Max 1g SAR at x=2.0 y=0.0 z=0.0 = 2.24 W/kg

Max 10g SAR at x=2.0 y=-1.0 z=0.0 = 1.44 W/kg

Validation Results at 0.25 W:

Peak Nominal = 3.5, Error: -6.06 %
1g Nominal = 2.4, Error: -5.49 %
10g Nominal = 1.6, Error: -7.38 %

SAR - Z Axis
at Hotspot x:1.0 y:-1.0



1g SAR Values

