

SAR Data Report 05072139

Start : 21-Jul-05 01:02:59 pm
End : 21-Jul-05 01:08:14 pm
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : Panasonic Toughbook
Model Number : CF-29
Serial Number : 4DKSA00093
Frequency : 822.50 MHz
Transmit Pwr : 1 W
Antenna Type : Helical
Antenna Posn. : Out

Measurement Data:

Phantom Name : FLATPHANTOM
Phantom Type : Uniphantom
Tissue Type : Muscle
Tissue Dielectric : 54.150
Tissue Conductivity : 0.980
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT005
Probe Type : E Fld Triangle
Frequency : 835 MHz
Tissue Type : Muscle
Calibrated Dielectric : 53.660
Calibrated Conductivity : 0.980
Calibrated Density : 1.000
Probe Offset : 1.600 mm
Conversion Factor : 5.850
Probe Sensitivity : 3.807 3.736 3.821 mV/(mW/cm²)
Amplifier Gains : 20.00 20.00 20.00

Sample:

Rate: 6000 Samples/Sec
Count: 1000 Samples
NIDAQ Gain: 5

Comments:

Boomer II MASK H at f = 822.50MHz
Lap (50% Duty Cycle)
CF=2; Amb. Temp= 22.2 'C; Liq. Temp=21.1 'C

Power Drop Test:

Reading @ start = 2.067
Reading @ End = 1.983
Power at End = 95.8%

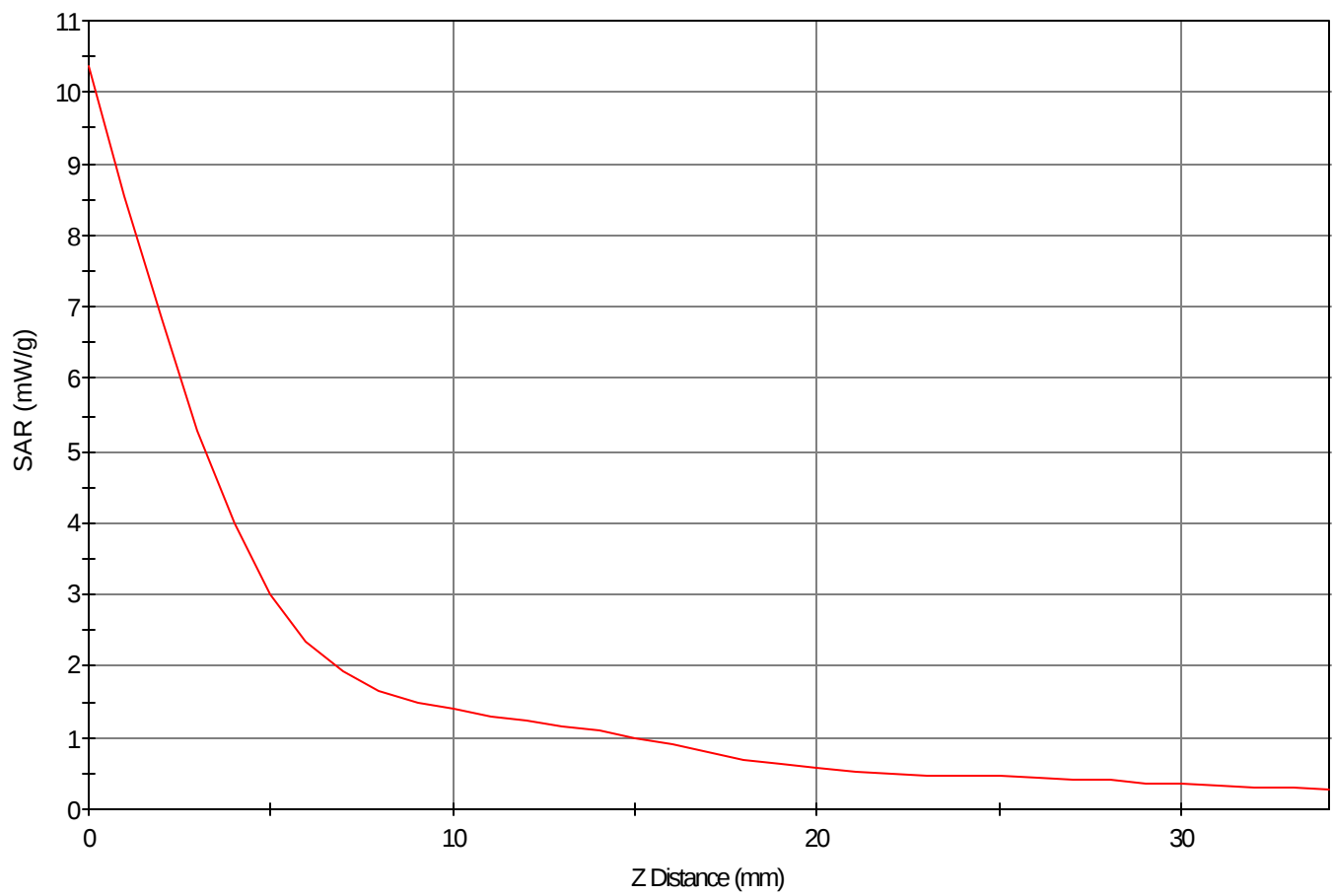
Area Scan - Max Peak SAR Value at x=39.0 y=-8.0 = 4.02 W/kg

Zoom Scan - Max Peak SAR Value at x=43.0 y=-10.0 z=0.0 = 10.37 W/kg

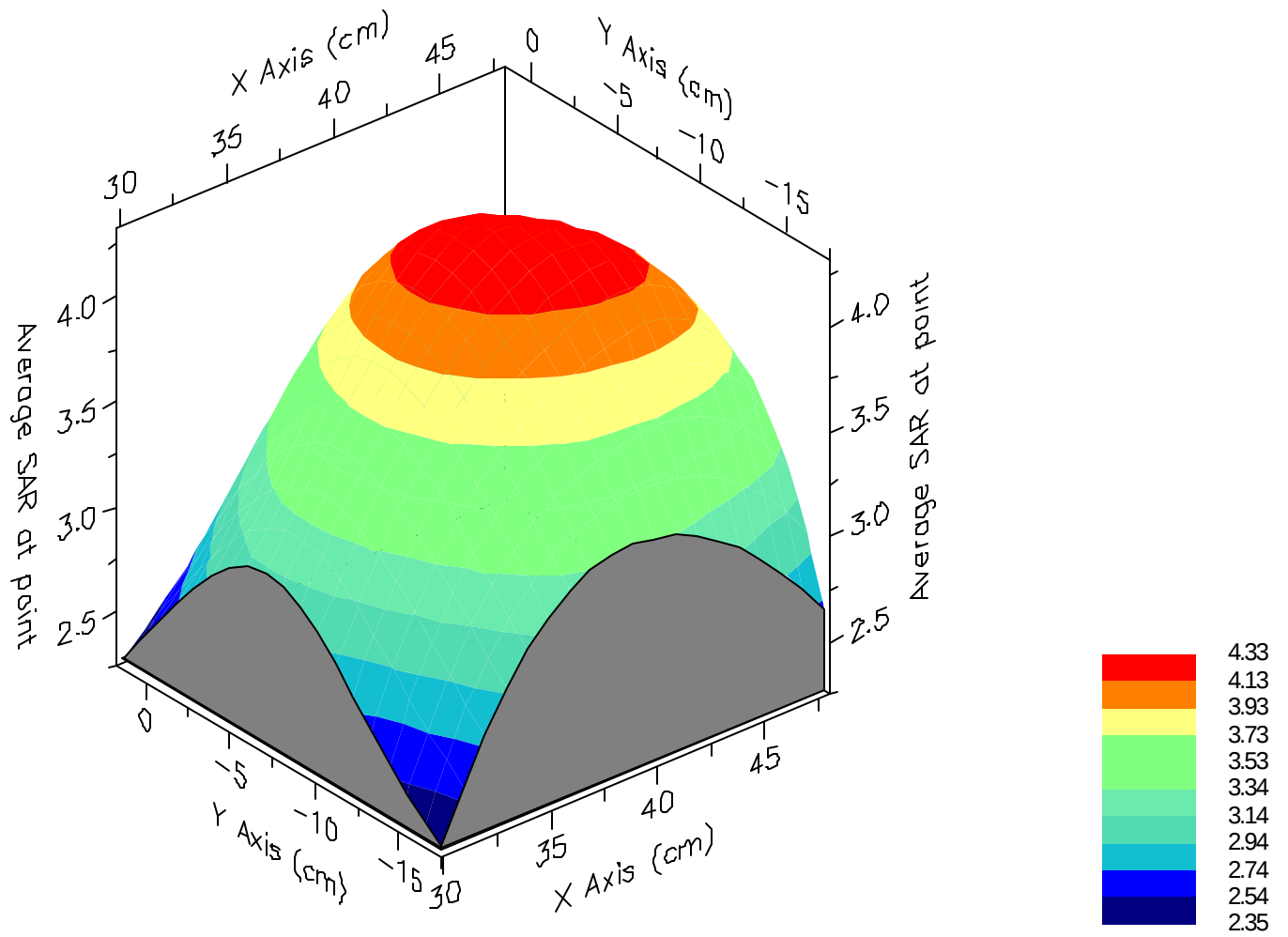
Max 1g SAR at x=41.0 y=-7.0 z=0.0 = 4.33 W/kg

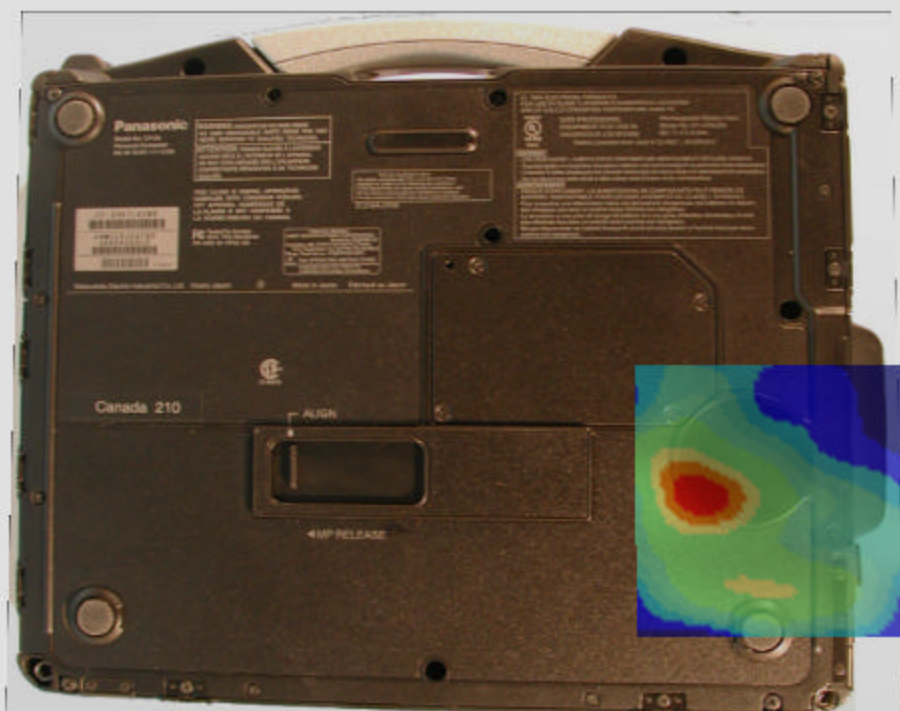
Max 10g SAR at x=39.0 y=-11.0 z=0.0 = 2.14 W/kg

SAR - Z Axis
at Hotspot x:43.0 y:-10.0



1g SAR Values





SAR Data Report 05072108

Start : 21-Jul-05 10:15:48 am
End : 21-Jul-05 10:21:09 am
Code Version : 4.08
Robot Version: 4.08

Product Data:

Type : Panasonic Toughbook
Model Number : CF-29
Serial Number : 4DKSA00093
Frequency : 822.50 MHz
Transmit Pwr : 1 W
Antenna Type : Helical
Antenna Posn. : Out

Measurement Data:

Phantom Name : FLATPHANTOM
Phantom Type : Uniphantom
Tissue Type : Muscle
Tissue Dielectric : 54.150
Tissue Conductivity : 0.980
Tissue Density : 1.000
Robot Name : CRS

Probe Data:

Probe Name : PCT005
Probe Type : E Fld Triangle
Frequency : 835 MHz
Tissue Type : Muscle
Calibrated Dielectric : 53.660
Calibrated Conductivity : 0.980
Calibrated Density : 1.000
Probe Offset : 1.600 mm
Conversion Factor : 5.850
Probe Sensitivity : 3.807 3.736 3.821 mV/(mW/cm^2)
Amplifier Gains : 20.00 20.00 20.00

Sample:

Rate: 6000 Samples/Sec
Count: 1000 Samples
NIDAQ Gain: 5

Comments:

Boomer II MASK H at f = 822.50MHz
Lap (100% DC w/ WLAN transmitting)
CF=1; Amb. Temp= 22.2 'C; Liq. Temp=21.1 'C

Power Drop Test:

Reading @ start = 3.398
Reading @ End = 3.378
Power at End = 99.4%

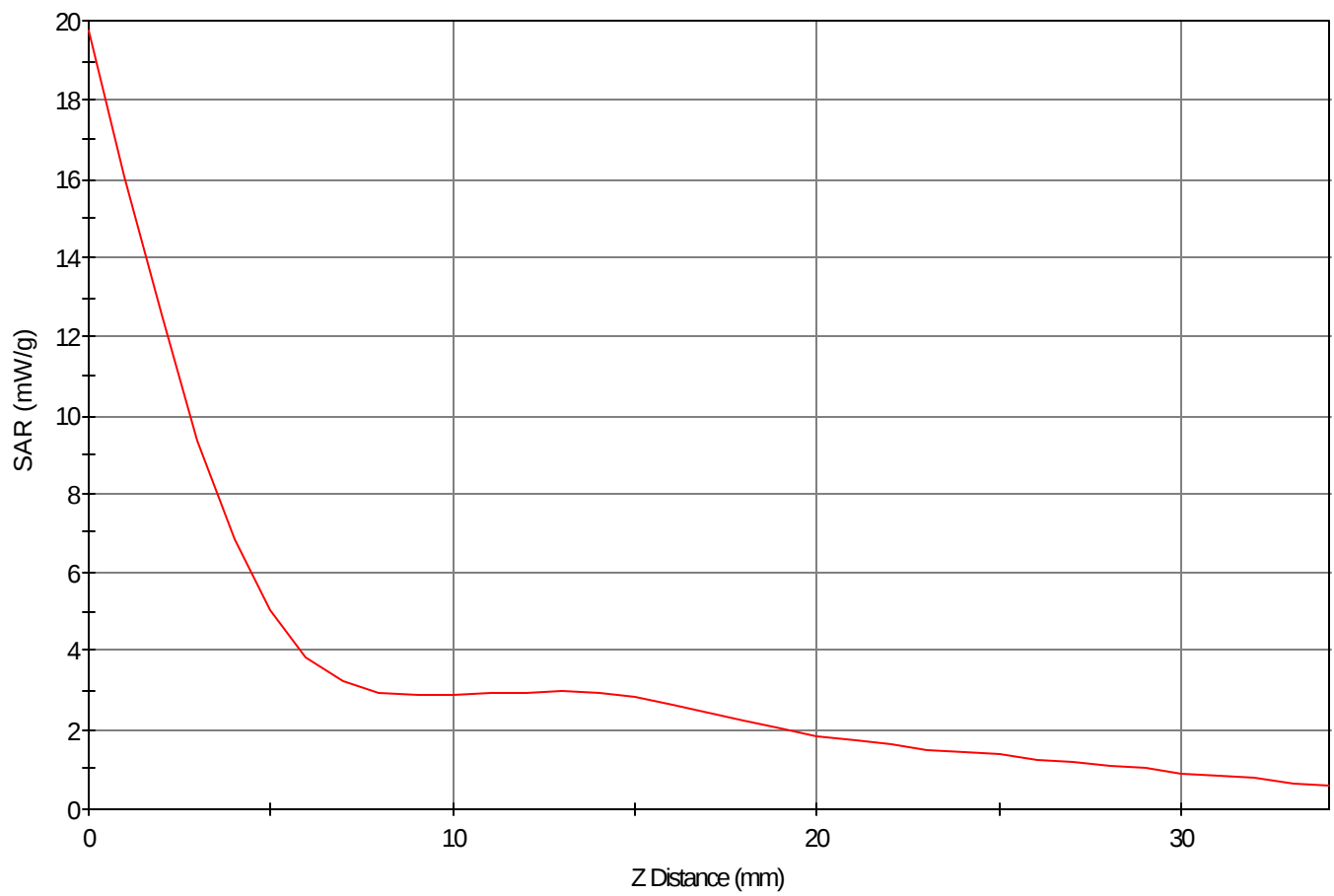
Area Scan - Max Peak SAR Value at x=31.0 y=-21.0 = 8.64 W/kg

Zoom Scan - Max Peak SAR Value at x=34.0 y=-19.0 z=0.0 = 19.79 W/kg

Max 1g SAR at x=29.0 y=-23.0 z=0.0 = 8.39 W/kg

Max 10g SAR at x=31.0 y=-24.0 z=0.0 = 5.19 W/kg

SAR - Z Axis
at Hotspot x:34.0 y:-19.0



1g SAR Values

