

S.A.R. assessment of DUT 10% versus CW duty cycle performance

FCC ID: AZ489FT7004; Test Date: 5/23/03

Motorola CGISS EME Laboratory

Run #: R2_030522-11

Model #: F4415A (VA0052AA) S/N: 296SCQ0268

Tx freq: 815.500

Antenna: FAF5213A Internal

Battery Kit: FNN5015A

Carry Accessories: NONE

Audio accessories: None

DUT w/ Display against phantom (10% mode)

10% Duty cycle, 330ms/2970ms, 3.3 sec cube scan, RDLAP 19200

Flat Phantom; Position: (90°, 90°);

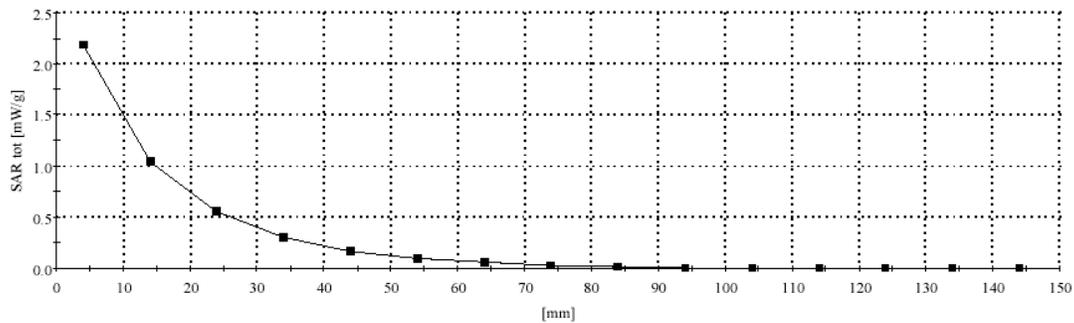
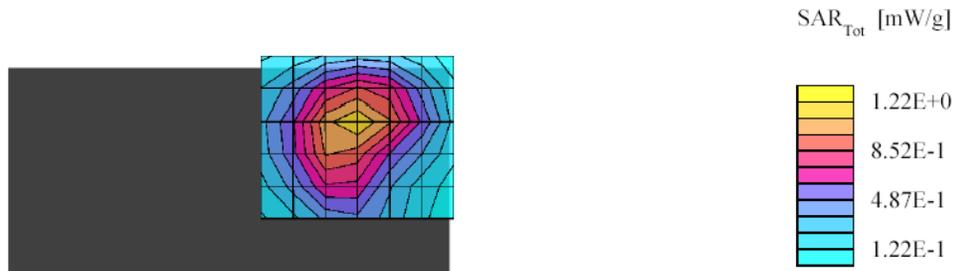
Probe: ET3DV6 - SN1547 (Cal Date 09-28-2002); ConvF(6.20,6.20,6.20); Probe cal date: 28/09/02; Crest

factor: 10.0; FCC Body 815: $\sigma = 0.93$ mho/m $\epsilon = 52.6$ $\rho = 1.00$ g/cm³; DAE3: 363-V1 DAE Cal Date:

5/15/02 Cube 4x4x7: SAR (1g): 1.14 mW/g, SAR (10g): 0.782 mW/g, (Worst-case extrapolation)

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0; Max at 30.0, 43.5, 4.0

Power drift: 0.01dB



FCC ID: AZ489FT7004; Test Date: 11/27/02

Motorola CGISS EME Laboratory

Run #: Ab-R1-021127-03

Model #: F4415A SN:296SCQ0268

TX Freq: 815.5 MHz

Antenna: FAF5213A internal

Battery Kit: FNN5105A

Carry Accessories: NONE

Audio accessories: None

DUT w/ Display facing phantom (CW mode)

Flat Phantom; Device Section; Position: (90°,90°);

Probe: ET3DV6R (cal date 5-21-02) - SN1545; ConvF(6.00,6.00,6.00); Probe cal date: 21/05/02; Crest factor: 1.0; FCC Body_814MHz: $\sigma = 1.00$ mho/m $\epsilon = 53.8$ $\rho = 1.00$ g/cm³; DAE3: 363-V1 DAE Cal Date: 5/23/02 Cube 7x7x7: SAR (1g): 12.2 mW/g, SAR (10g): 8.25 mW/g, (Worst-case extrapolation)

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0; Max at 22.5, 157.5, 4.7

Power Drift: 0.03dB

