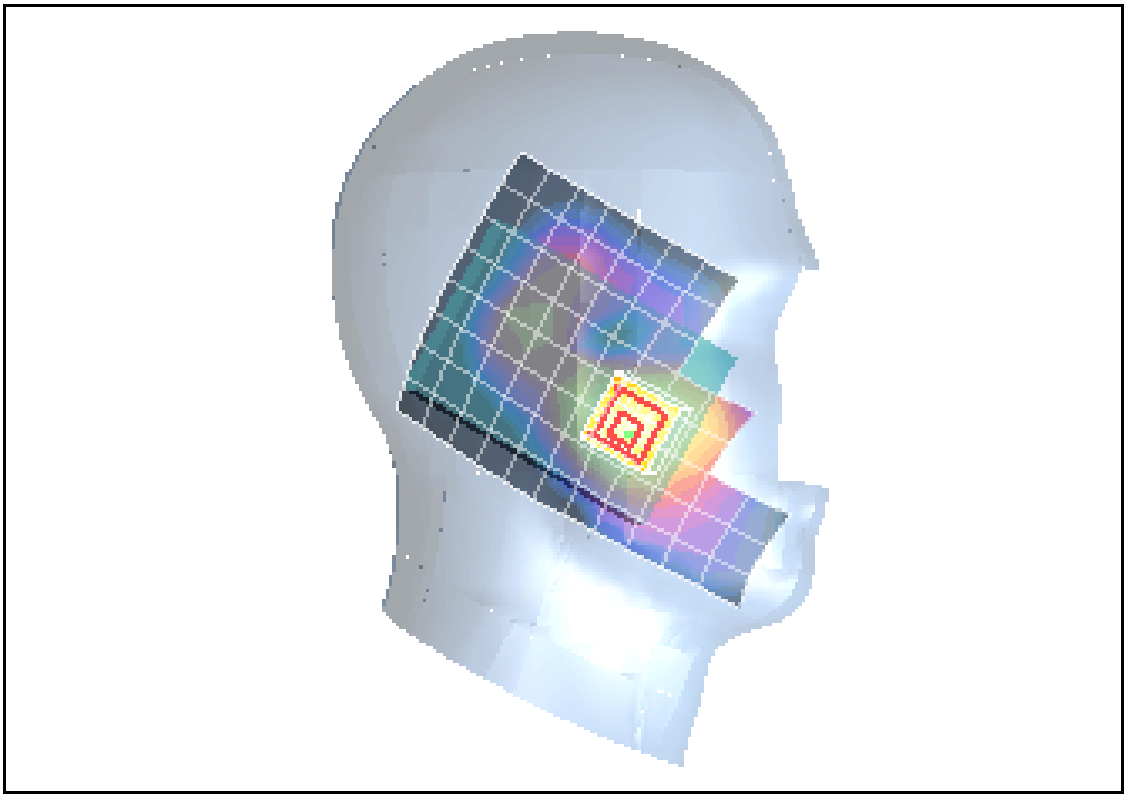
Appendix B1:
SAR Distribution Plots (Head)

K48-02 #1132 CDMA-1900 CH600 Phone Open Left Cheek

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: HSL1900,Medium parameters used: f = 1880 MHz; σ = 1.39 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Left Section

DASY4 Configuration:
Probe: ES3DV3 - SN3035, ConvF(5.01, 5.01, 5.01), Calibrated: 8/25/2008
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE4 Sn602,Calibrated: 6/25/2008
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature:
Room T = 21.8 1 deg C, Liquid T = 22.0 1 deg C

CDMA-1900 Ch600 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.2 V/m; Power Drift = -0.194 dB
Peak SAR (extrapolated) = 0.948 W/kg
SAR(1 g) = 0.662 mW/g; SAR(10 g) = 0.415 mW/g
Maximum value of SAR (measured) = 0.725 mW/g



0 dB = 0.725mW/g

Date/Time: 5/12/2009 12:56:52PM

Test Laboratory: Kyocera Wireless Corp.

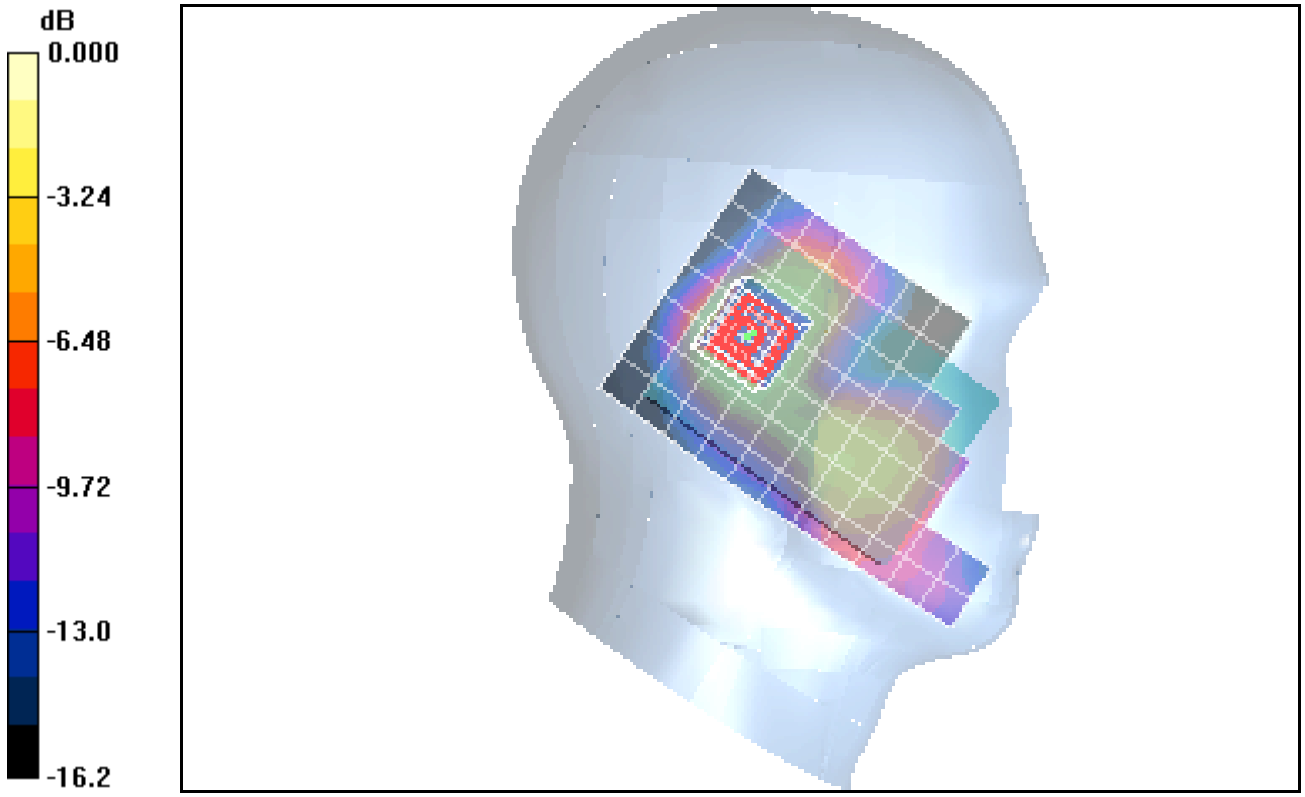
K48-02 #1132 CDMA-1900 Ch600 Phone Open Left Tilt

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: HSL1900,Medium parameters used: f = 1880 MHz; σ = 1.39 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Left Section

DASY4 Configuration:
Probe: ES3DV3 - SN3035, ConvF(5.01, 5.01, 5.01), Calibrated: 8/25/2008
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE4 Sn602,Calibrated: 6/25/2008
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184

Temperature:
Room T = 21.8 1 deg C, Liquid T = 22.0 1 deg C

CDMA-1900 Ch600 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.3 V/m; Power Drift = 0.010 dB
Peak SAR (extrapolated) = 0.530 W/kg
SAR(1 g) = 0.341 mW/g; SAR(10 g) = 0.201 mW/g
Maximum value of SAR (measured) = 0.381 mW/g



0 dB = 0.381mW/g

Date/Time: 5/12/2009 1:24:29PM

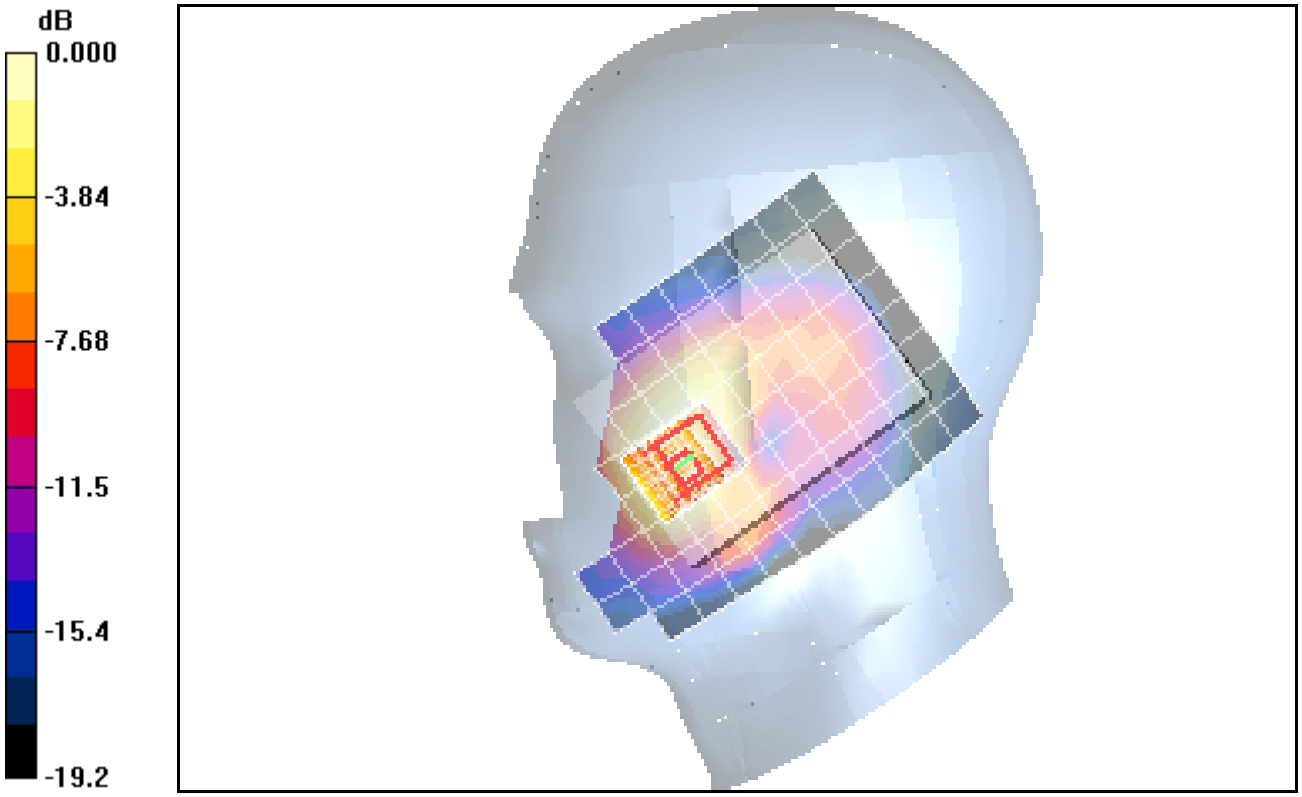
Test Laboratory: Kyocera Wireless Corp.

K48-02 #1132 CDMA-1900 Ch600 Phone Open Right Cheek

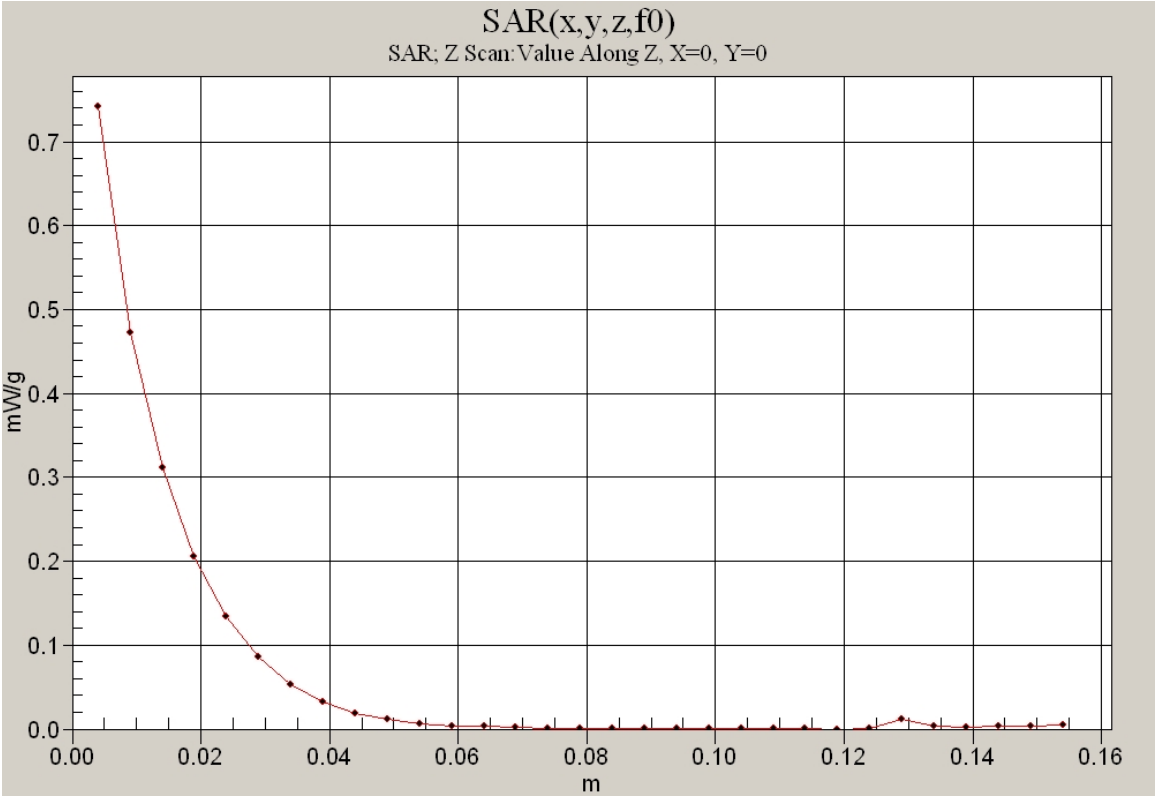
Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: HSL1900,Medium parameters used: f = 1880 MHz; σ = 1.39 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Right Section

DASY4 Configuration:
Probe: ES3DV3 - SN3035, ConvF(5.01, 5.01, 5.01), Calibrated: 8/25/2008
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE4 Sn602,Calibrated: 6/25/2008
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature: **Room T = 21.8 1 deg C, Liquid T = 22.0 1 deg C**

CDMA-1900 Ch600 RC/Zoom Scan (7x7x7)/Cube 0: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 11.1 V/m; Power Drift = -0.281 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.702 mW/g; SAR(10 g) = 0.423 mW/g



0 dB = 0.758mW/g


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.00
0.02
0.04
0.06
0.08
0.10
0.12
0.14
0.16
m

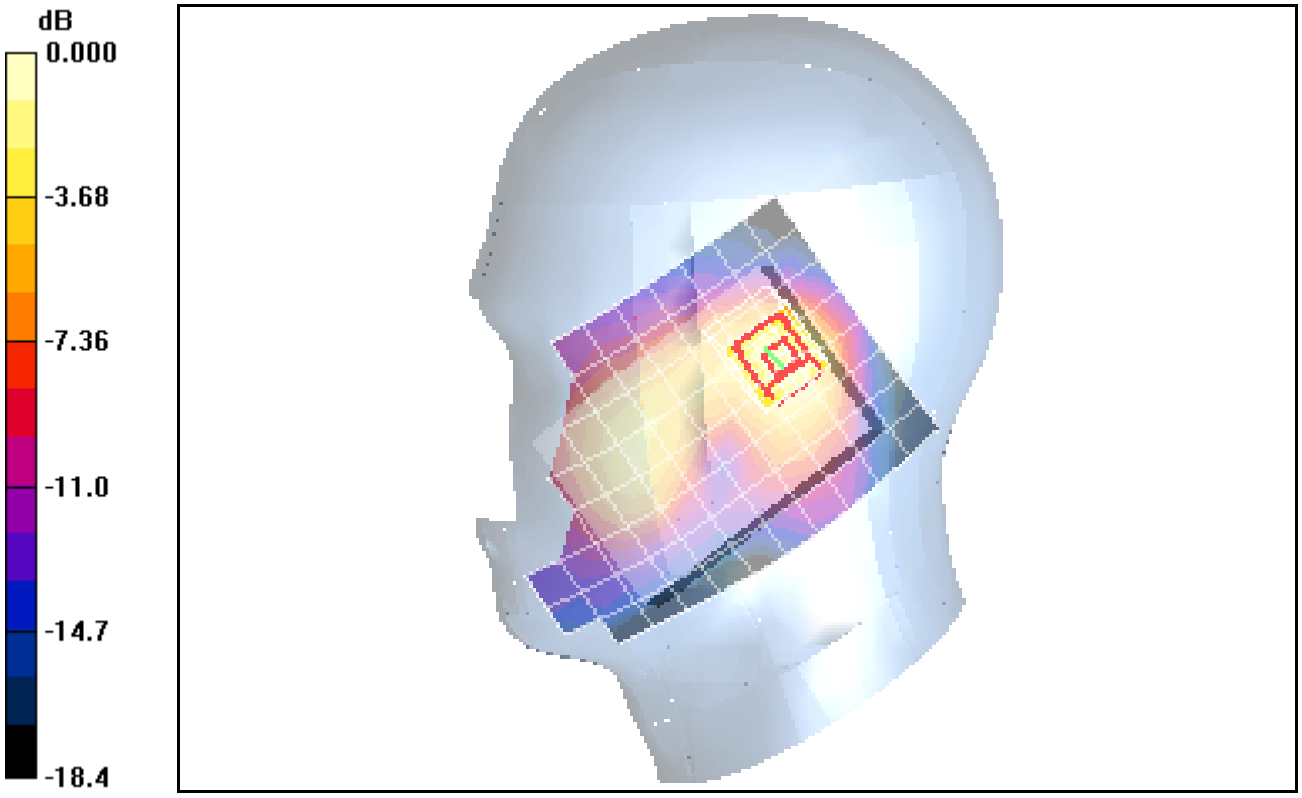
Date/Time: 5/12/2009 1:53:21PM

Test Laboratory: Kyocera Wireless Corp.

K48-02 #1132 CDMA-1900 CH600 Phone Open Right Tilt

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: HSL1900,Medium parameters used: f = 1880 MHz; σ = 1.39 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Right Section
DASY4 Configuration:
Probe: ES3DV3 - SN3035, ConvF(5.01, 5.01, 5.01), Calibrated: 8/25/2008
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE4 Sn602,Calibrated: 6/25/2008
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature:
Room T = 21.8 1 deg C, Liquid T = 22.0 1 deg C

CDMA-1900 Ch600 RT/Zoom Scan (7x7x7)/Cube 0: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 15.7 V/m; Power Drift = -0.216 dB
Peak SAR (extrapolated) = 0.453 W/kg
SAR(1 g) = 0.296 mW/g; SAR(10 g) = 0.176 mW/g
Maximum value of SAR (measured) = 0.320 mW/g



0 dB = 0.320mW/g

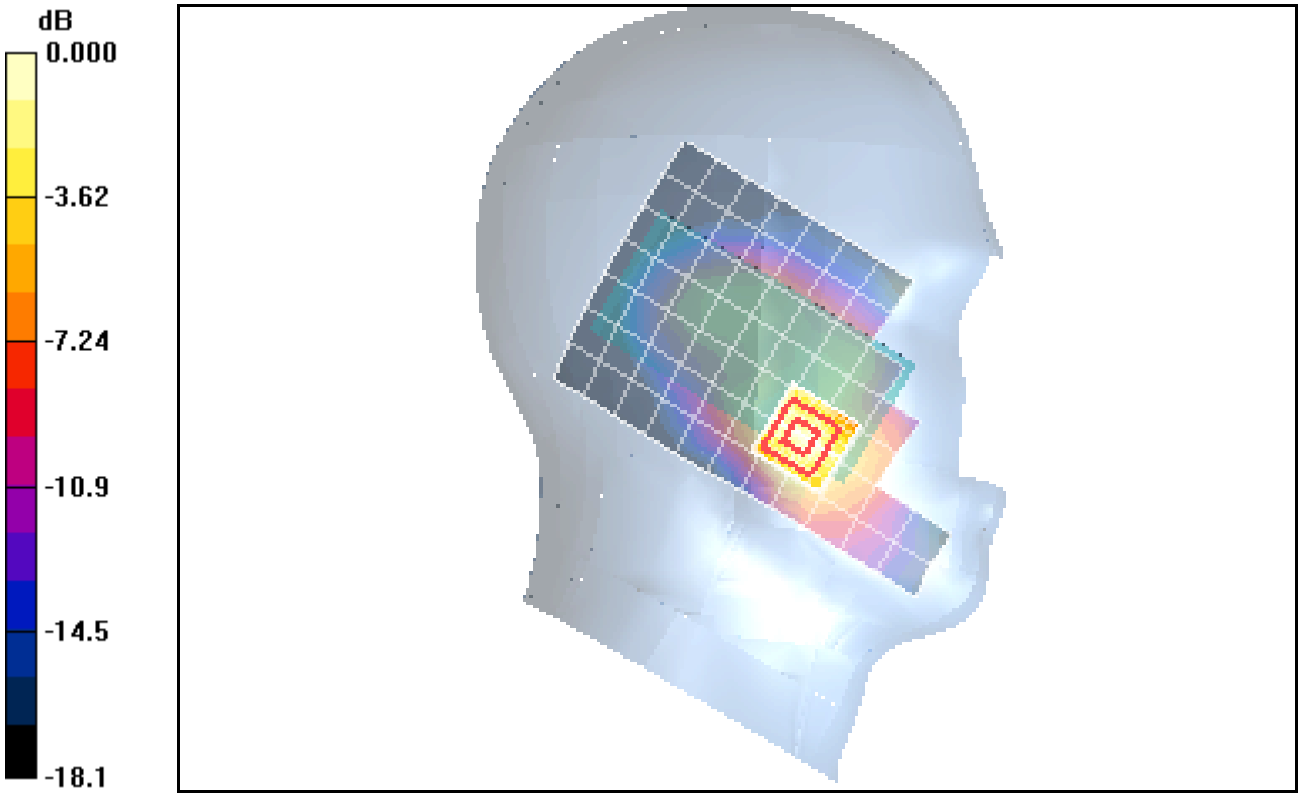
Date/Time: 5/12/2009 12:07:35PM

Test Laboratory: Kyocera Wireless Corp.

K48-02 #1132 CDMA-1900 CH600 Phone Closed Left Cheek

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: HSL1900,Medium parameters used: f = 1880 MHz; σ = 1.39 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Left Section
DASY4 Configuration:
Probe: ES3DV3 - SN3035, ConvF(5.01, 5.01, 5.01), Calibrated: 8/25/2008
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE4 Sn602,Calibrated: 6/25/2008
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature:
Room T = 21.8 1 deg C, Liquid T = 22.0 1 deg C

CDMA-1900 Ch600 LC/Zoom Scan (7x7x7)/Cube 0: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 11.1 V/m; Power Drift = -0.095 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.709 mW/g; SAR(10 g) = 0.387 mW/g
Maximum value of SAR (measured) = 0.788 mW/g



0 dB = 0.788mW/g

Date/Time: 5/12/2009 12:33:02 PM

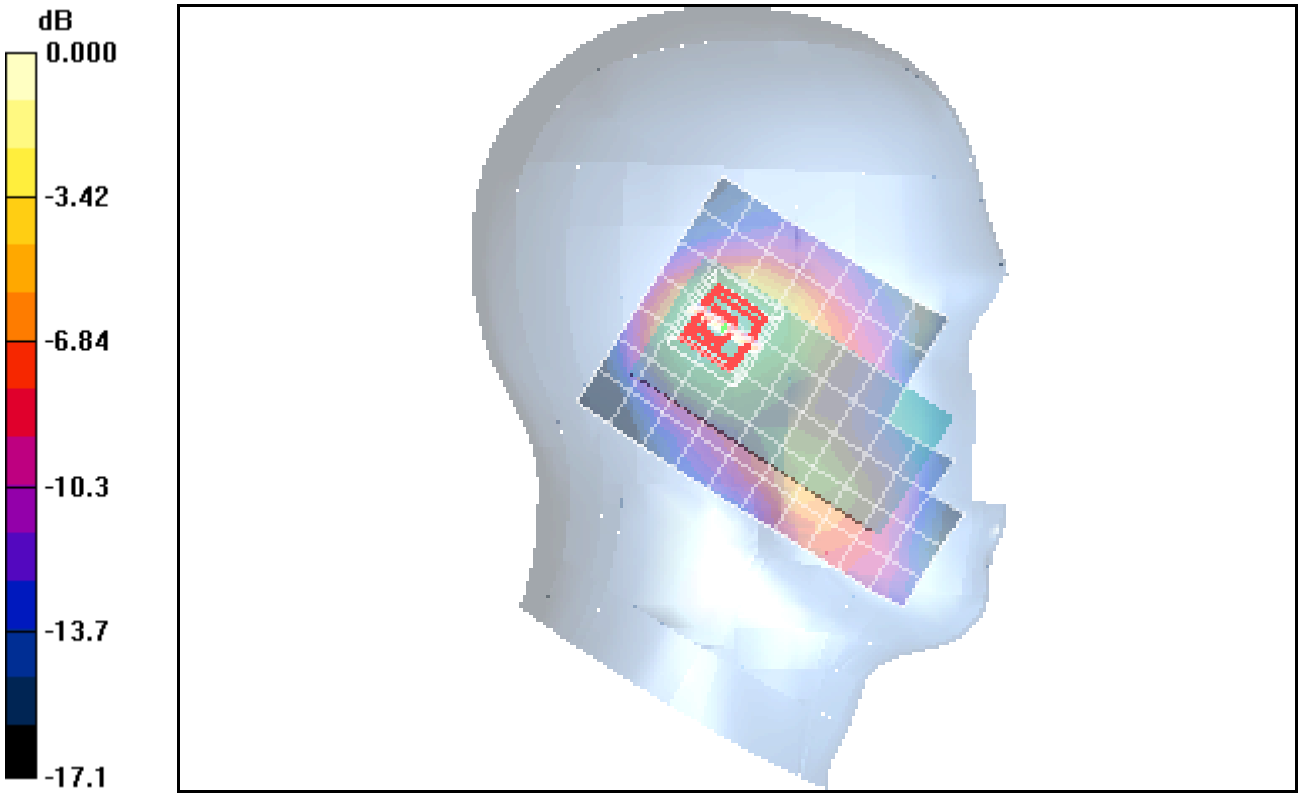
Test Laboratory: Kyocera Wireless Corp.

K48-02 #1132 CDMA-1900 Ch600 Phone Closed Left Tilt

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: HSL1900,Medium parameters used: f = 1880 MHz; σ = 1.39 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Left Section

DASY4 Configuration:
Probe: ES3DV3 - SN3035, ConvF(5.01, 5.01, 5.01), Calibrated: 8/25/2008
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE4 Sn602,Calibrated: 6/25/2008
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature: **Room T = 21.8 1 deg C, Liquid T = 22.0 1 deg C**

CDMA-1900 Ch600 LT/Zoom Scan (7x7x7)/Cube 0: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 14.8 V/m; Power Drift = 0.166 dB
Peak SAR (extrapolated) = 0.448 W/kg
SAR(1 g) = 0.293 mW/g; SAR(10 g) = 0.178 mW/g



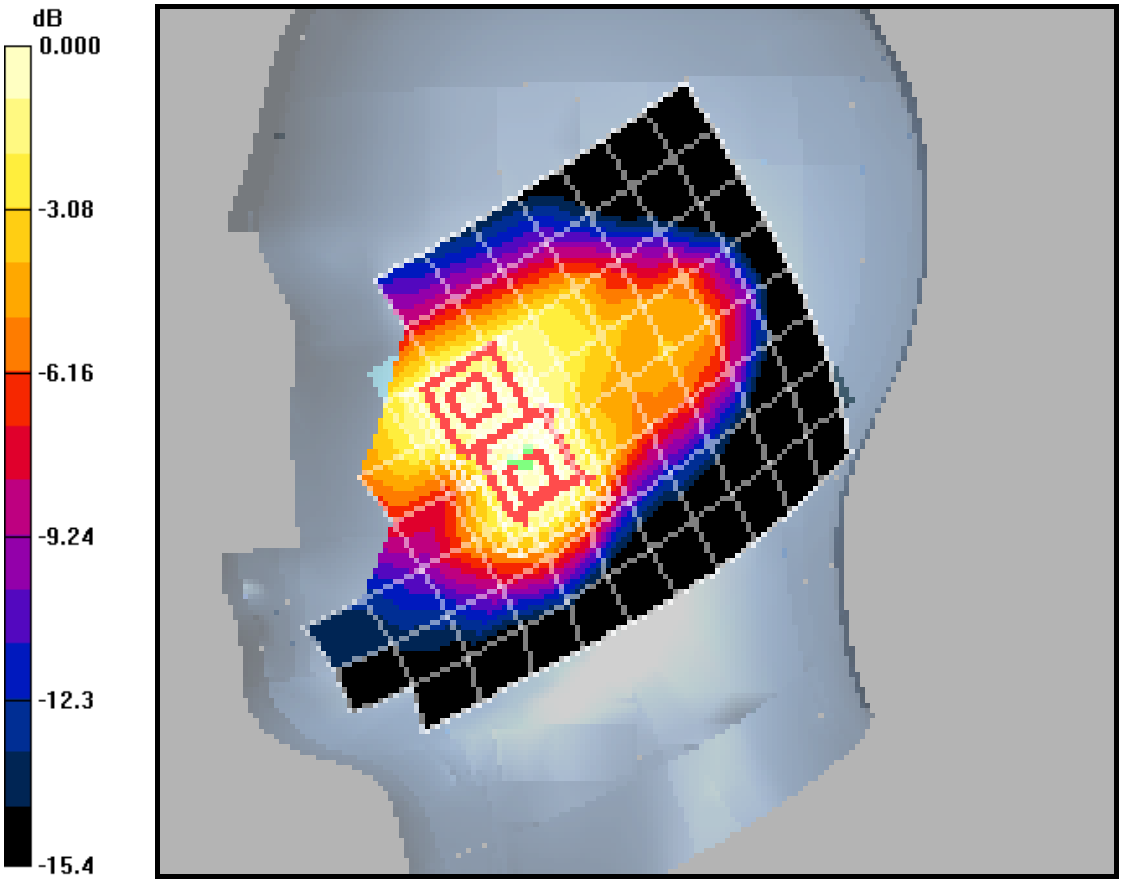
0 dB = 0.321mW/g

K48-02 #1132 CDMA-1900 Phone Closed Right

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: HSL1900,Medium parameters used: f = 1880 MHz; σ = 1.39 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Right Section
DASY4 Configuration:
Probe: ES3DV3 - SN3035, ConvF(5.01, 5.01, 5.01), Calibrated: 8/25/2008
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE4 Sn602,Calibrated: 6/25/2008
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature:
Room T = 21.8 +/– 1 deg C, Liquid T = 22.0 +/– 1 deg C

CDMA-1900 Ch600 RC/Zoom Scan (7x7x7)/Cube 0: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 12.2 V/m; Power Drift = -0.134 dB
Peak SAR (extrapolated) = 0.994 W/kg
SAR(1 g) = 0.606 mW/g; SAR(10 g) = 0.336 mW/g
Maximum value of SAR (measured) = 0.679 mW/g

CDMA-1900 Ch600 RC/Zoom Scan (7x7x7)/Cube 1: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 12.2 V/m; Power Drift = -0.134 dB
Peak SAR (extrapolated) = 0.927 W/kg
SAR(1 g) = 0.511 mW/g; SAR(10 g) = 0.305 mW/g
Maximum value of SAR (measured) = 0.600 mW/g



0 dB = 0.527mW/g

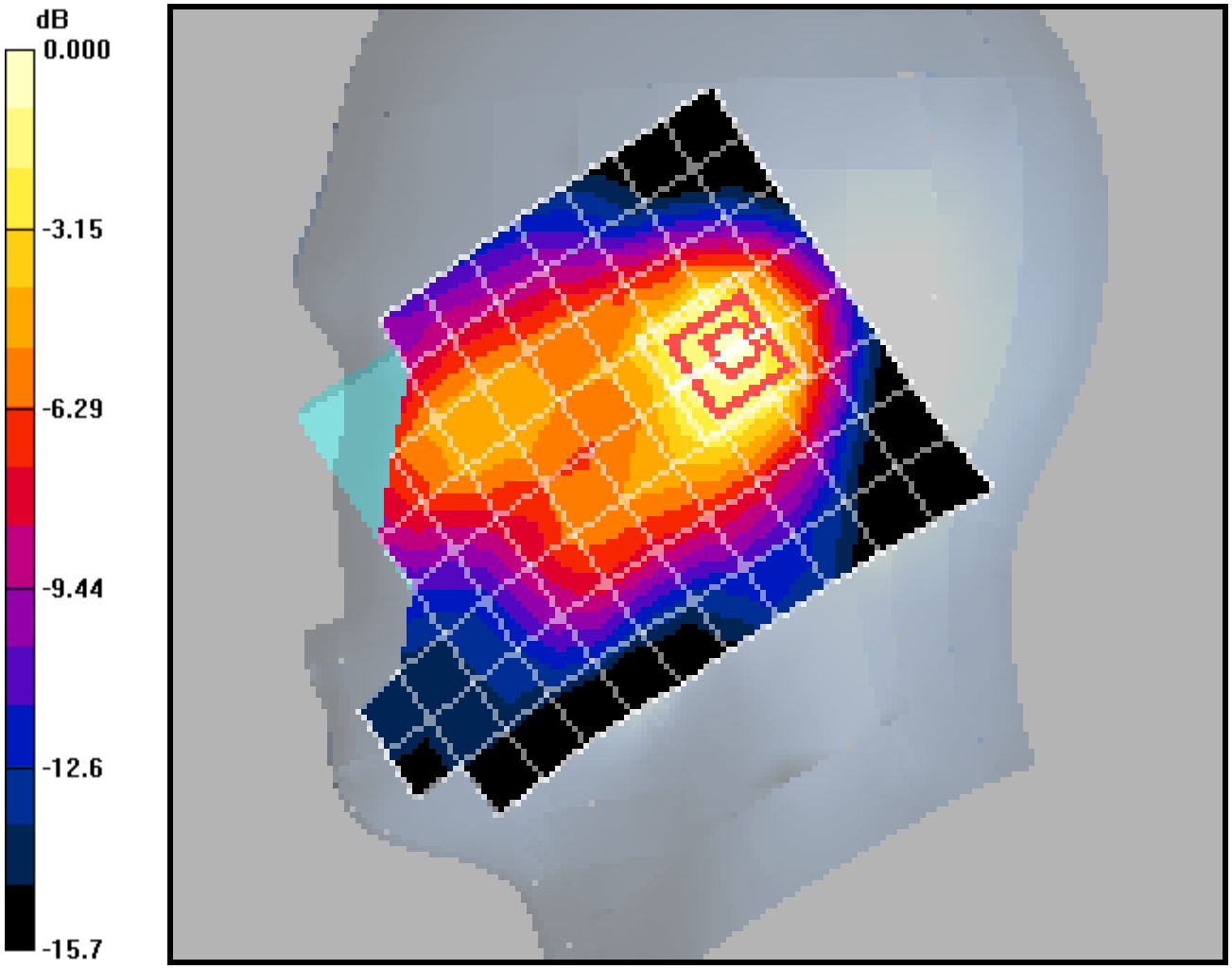
Date/Time: 5/12/2009 3:13:02 PM

Test Laboratory: Kyocera Wireless Corp.

K48-02 #1132 CDMA-1900 Phone Closed Right

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: HSL1900,Medium parameters used: f = 1880 MHz; σ = 1.39 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Right Section
DASY4 Configuration:
Probe: ES3DV3 - SN3035, ConvF(5.01, 5.01, 5.01), Calibrated: 8/25/2008
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE4 Sn602,Calibrated: 6/25/2008
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature:
Room T = 21.8 +/– 1 deg C, Liquid T = 22.0 +/– 1 deg C

CDMA-1900 Ch600 RT/Zoom Scan (7x7x7)/Cube 0: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 14.5 V/m; Power Drift = -0.144 dB
Peak SAR (extrapolated) = 0.387 W/kg
SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.149 mW/g
Maximum value of SAR (measured) = 0.280 mW/g



0 dB = 0.271mW/g

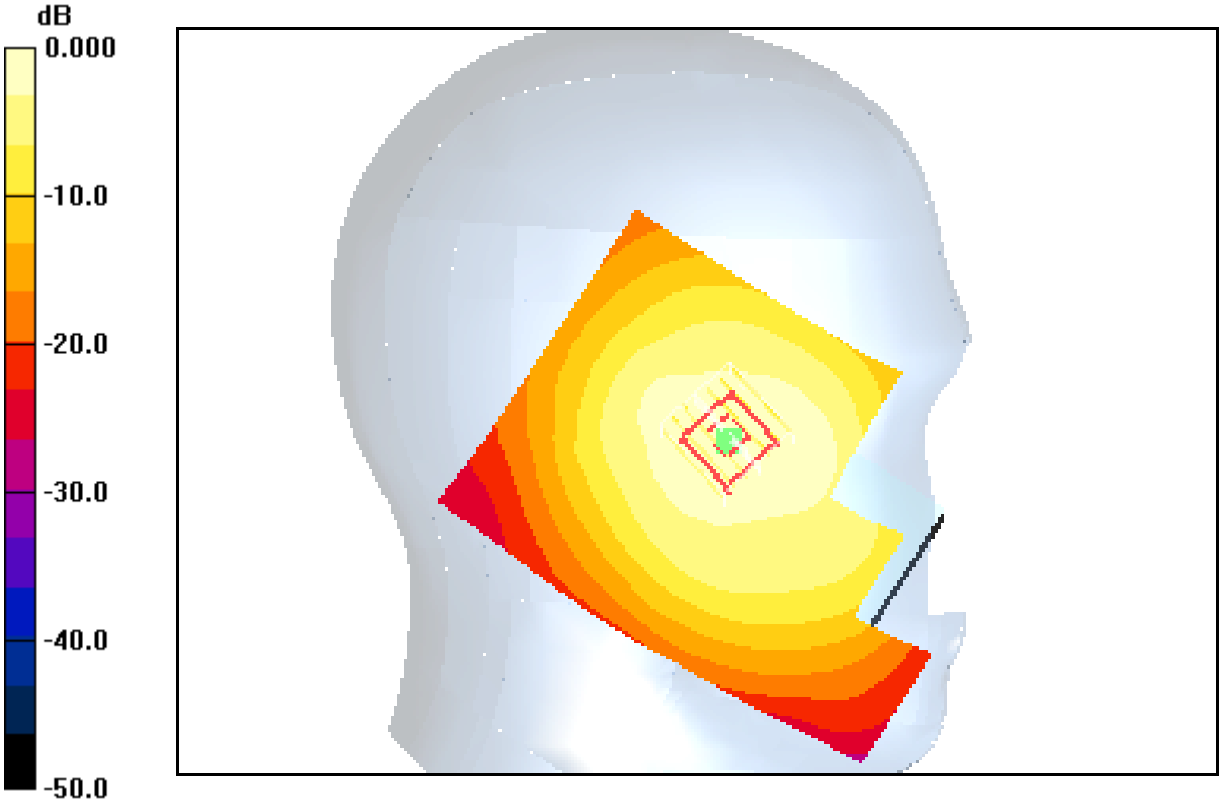
Date/Time: 5/12/2009 6:15:05 PM

Test Laboratory: Kyocera Wireless Corporation

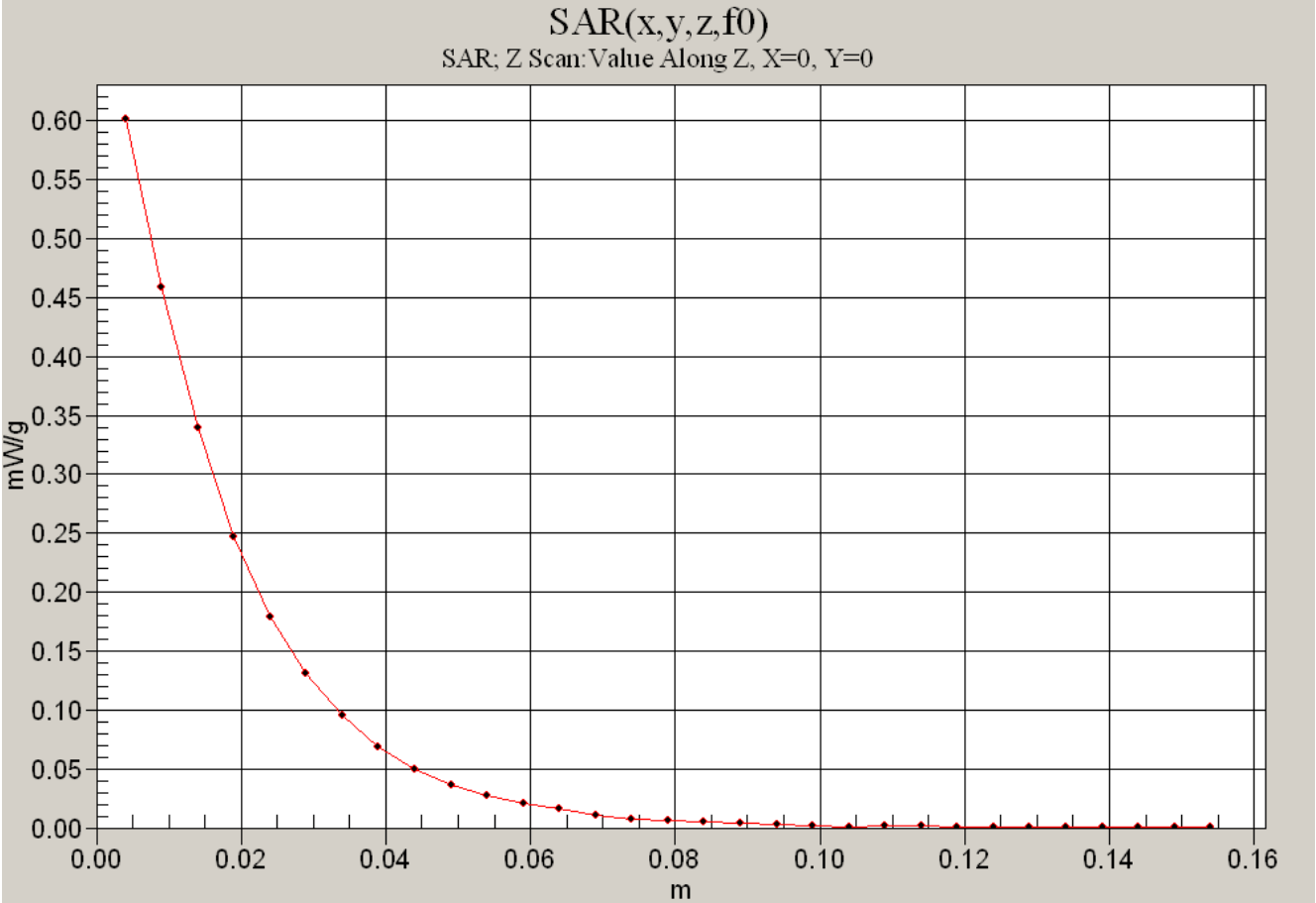
K48-02 #1132 CDMA-800 Left Open

Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1
Medium: HSL900,Medium parameters used (interpolated): f = 836.49 MHz; σ = 0.9 mho/m; ε_r = 41.8; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Left Section
DASY4 Configuration:
Probe: ES3DV3 - SN3036, ConvF(6.09, 6.09, 6.09), Calibrated: 9/18/2008
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE4 Sn527,Calibrated: 9/14/2007
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature:
Room T = 21.8 +/– 1 deg C, Liquid T = 22.0 +/– 1 deg C

CDMA-800 Ch383 LC/Zoom Scan (7x7x7)/Cube 0: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 13.8 V/m; Power Drift = -0.150 dB
Peak SAR (extrapolated) = 0.720 W/kg
SAR(1 g) = 0.533 mW/g; SAR(10 g) = 0.383 mW/g



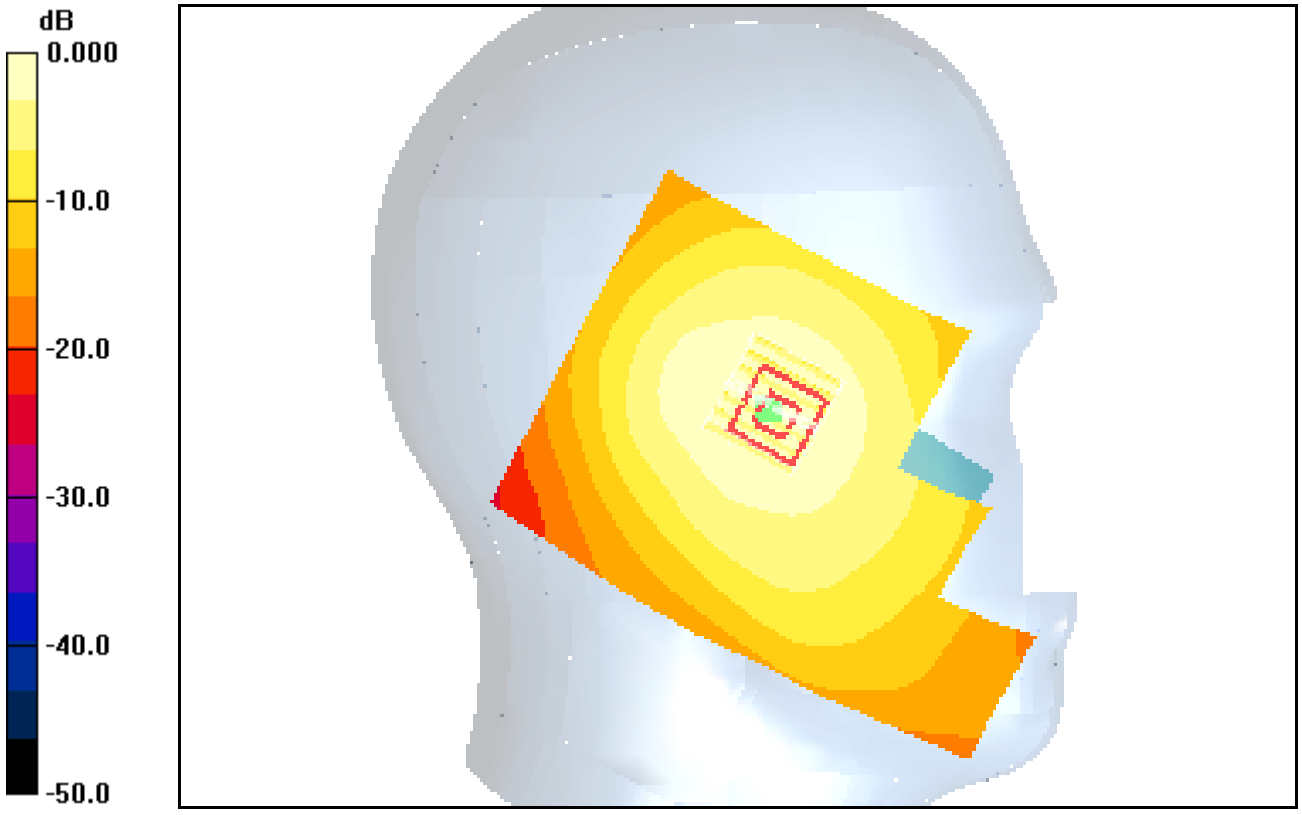
0 dB = 0.582mW/g


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.00
0.02
0.04
0.06
0.08
0.10
0.12
0.14
0.16
m

K48-02 #1132 CDMA-800 Left Open

Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1
Medium: HSL900,Medium parameters used (interpolated): f = 836.49 MHz; σ = 0.9 mho/m; ε_r = 41.8; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Left Section
DASY4 Configuration:
Probe: ES3DV3 - SN3036, ConvF(6.09, 6.09, 6.09), Calibrated: 9/18/2008
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE4 Sn527,Calibrated: 9/14/2007
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature:
Room T = 21.8 +/– 1 deg C, Liquid T = 22.0 +/– 1 deg C

CDMA-800 Ch383 LT/Zoom Scan (7x7x7)/Cube 0: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 13.3 V/m; Power Drift = 0.080 dB
Peak SAR (extrapolated) = 0.400 W/kg
SAR(1 g) = 0.325 mW/g; SAR(10 g) = 0.239 mW/g

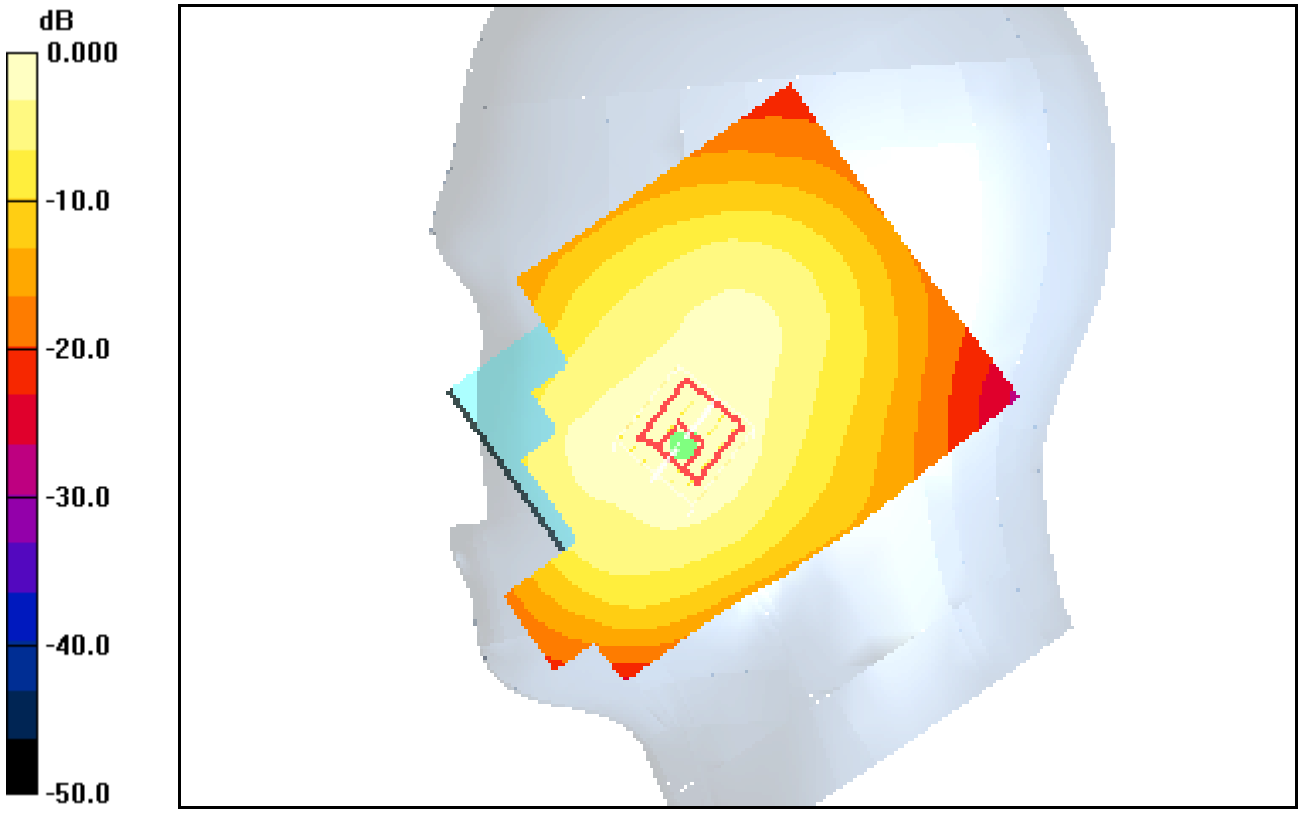


0 dB = 0.345mW/g

K48-02 #1132 CDMA-800 Right Open

Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1
Medium: HSL900,Medium parameters used (interpolated): f = 836.49 MHz; σ = 0.9 mho/m; ε_r = 41.8; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Right Section
DASY4 Configuration:
Probe: ES3DV3 - SN3036, ConvF(6.09, 6.09, 6.09), Calibrated: 9/18/2008
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE4 Sn527,Calibrated: 9/14/2007
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature:
Room T = 21.8 +/– 1 deg C, Liquid T = 22.0 +/– 1 deg C

CDMA-800 Ch383 RC/Zoom Scan (7x7x7)/Cube 0: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 13.5 V/m; Power Drift = -0.015 dB
Peak SAR (extrapolated) = 0.747 W/kg
SAR(1 g) = 0.569 mW/g; SAR(10 g) = 0.399 mW/g

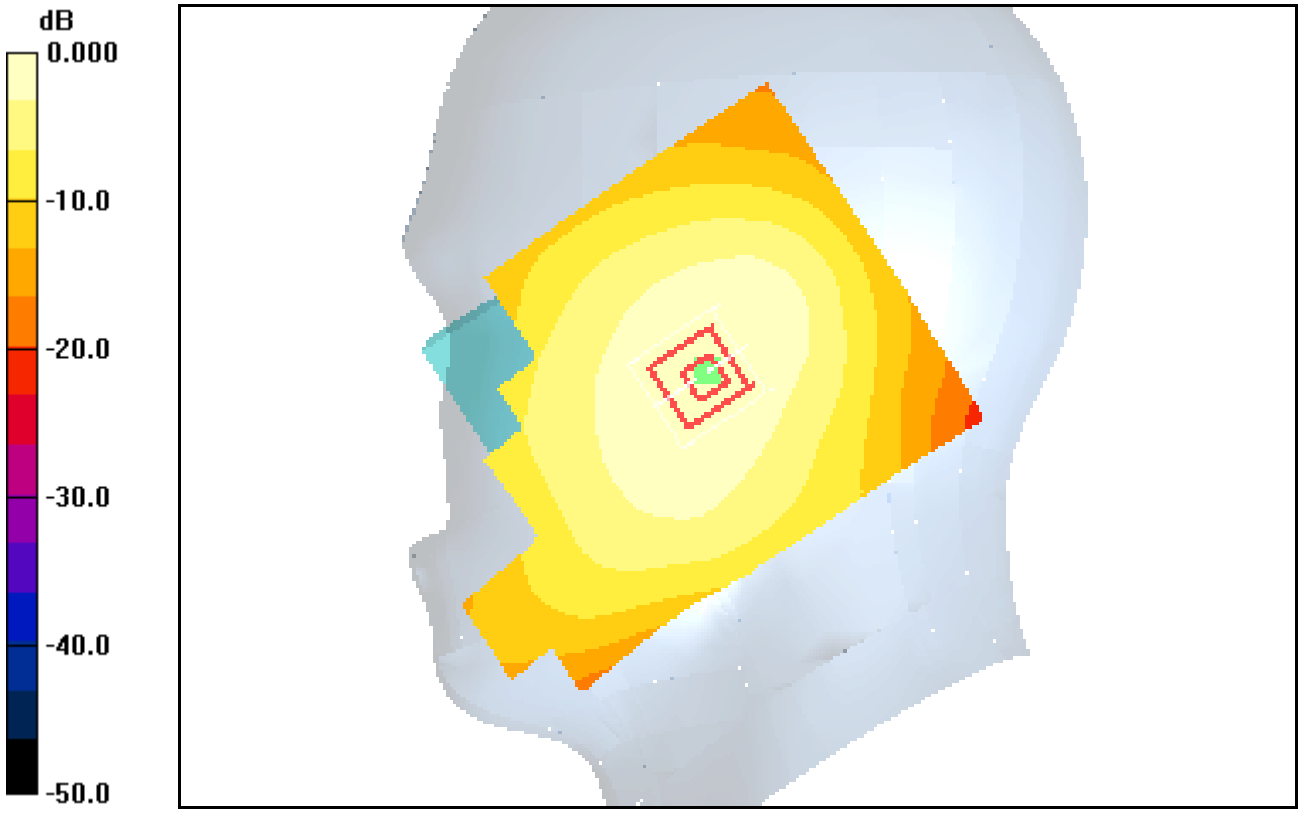


0 dB = 0.607mW/g

K48-02 #1132 CDMA-800 Right Open

Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1
Medium: HSL900,Medium parameters used (interpolated): f = 836.49 MHz; σ = 0.9 mho/m; ε_r = 41.8; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Right Section
DASY4 Configuration:
Probe: ES3DV3 - SN3036, ConvF(6.09, 6.09, 6.09), Calibrated: 9/18/2008
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE4 Sn527,Calibrated: 9/14/2007
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature:
Room T = 21.8 +/– 1 deg C, Liquid T = 22.0 +/– 1 deg C

CDMA-800 Ch383 RT/Zoom Scan (7x7x7)/Cube 0: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 14.5 V/m; Power Drift = -0.068 dB
Peak SAR (extrapolated) = 0.357 W/kg
SAR(1 g) = 0.286 mW/g; SAR(10 g) = 0.214 mW/g

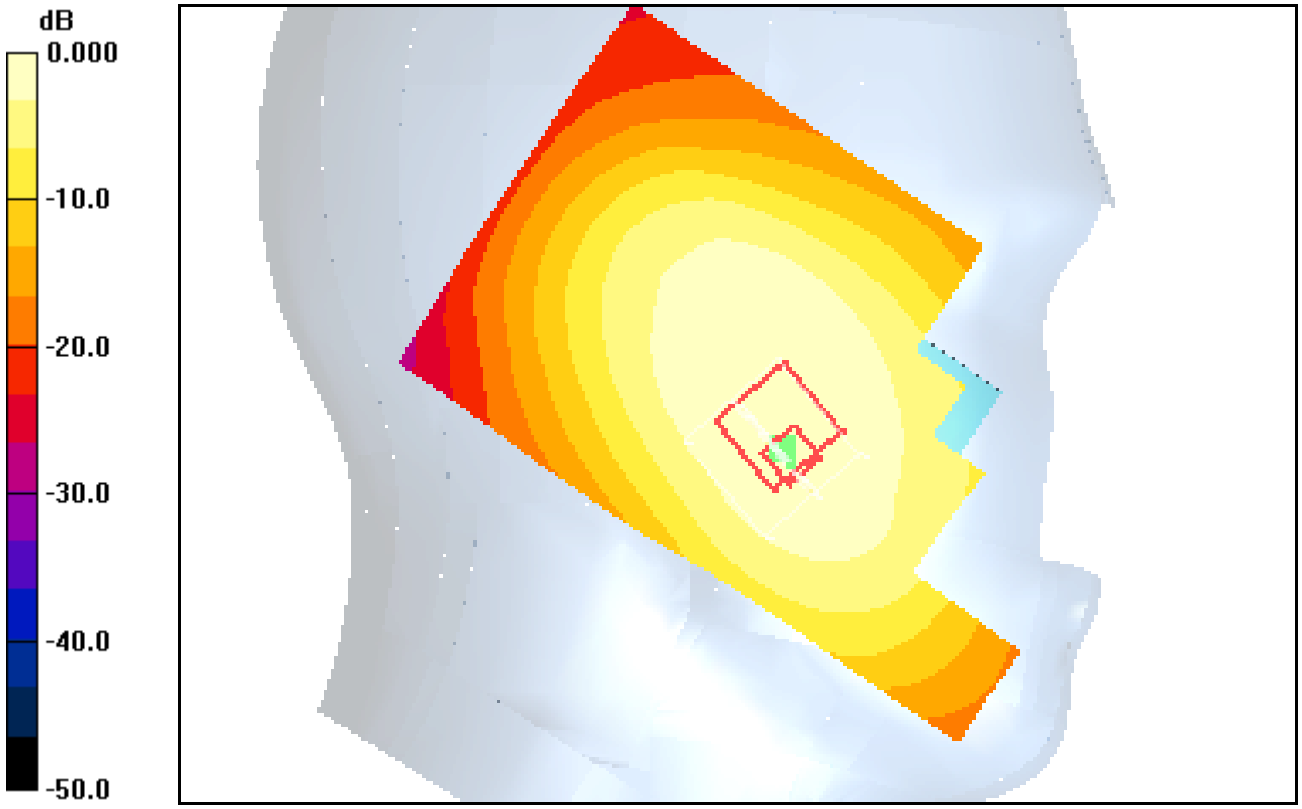


0 dB = 0.303mW/g

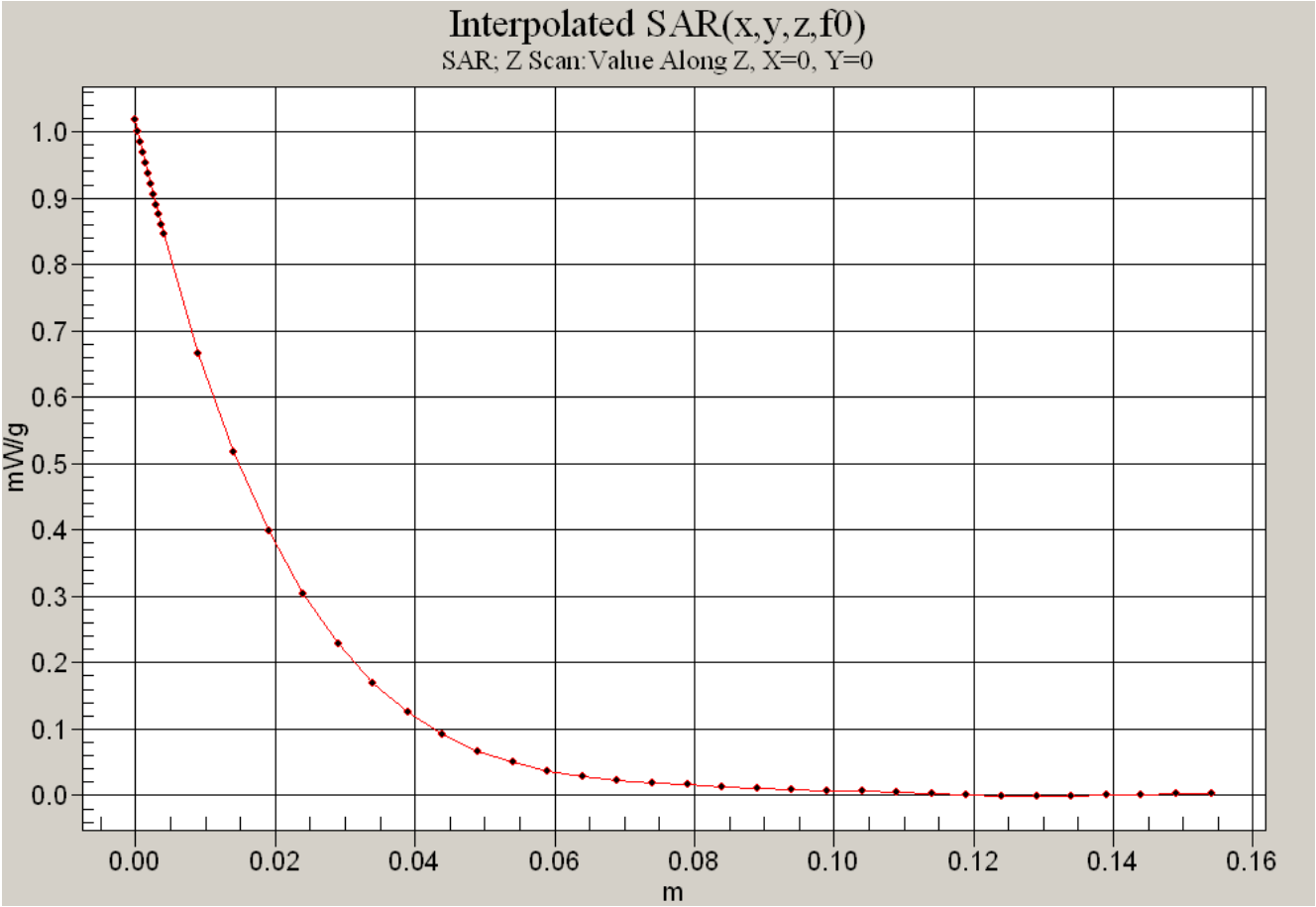
K48-02 #1132 CDMA-800 Left Close

Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1
Medium: HSL900,Medium parameters used (interpolated): f = 836.49 MHz; σ = 0.9 mho/m; ε_r = 41.8; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Left Section
DASY4 Configuration:
Probe: ES3DV3 - SN3036, ConvF(6.09, 6.09, 6.09), Calibrated: 9/18/2008
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE4 Sn527,Calibrated: 9/14/2007
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature:
Room T = 21.8 +/– 1 deg C, Liquid T = 22.0 +/– 1 deg C

CDMA-800 Ch383 LC/Zoom Scan (7x7x7)/Cube 0: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 15.2 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.833 mW/g; SAR(10 g) = 0.607 mW/g



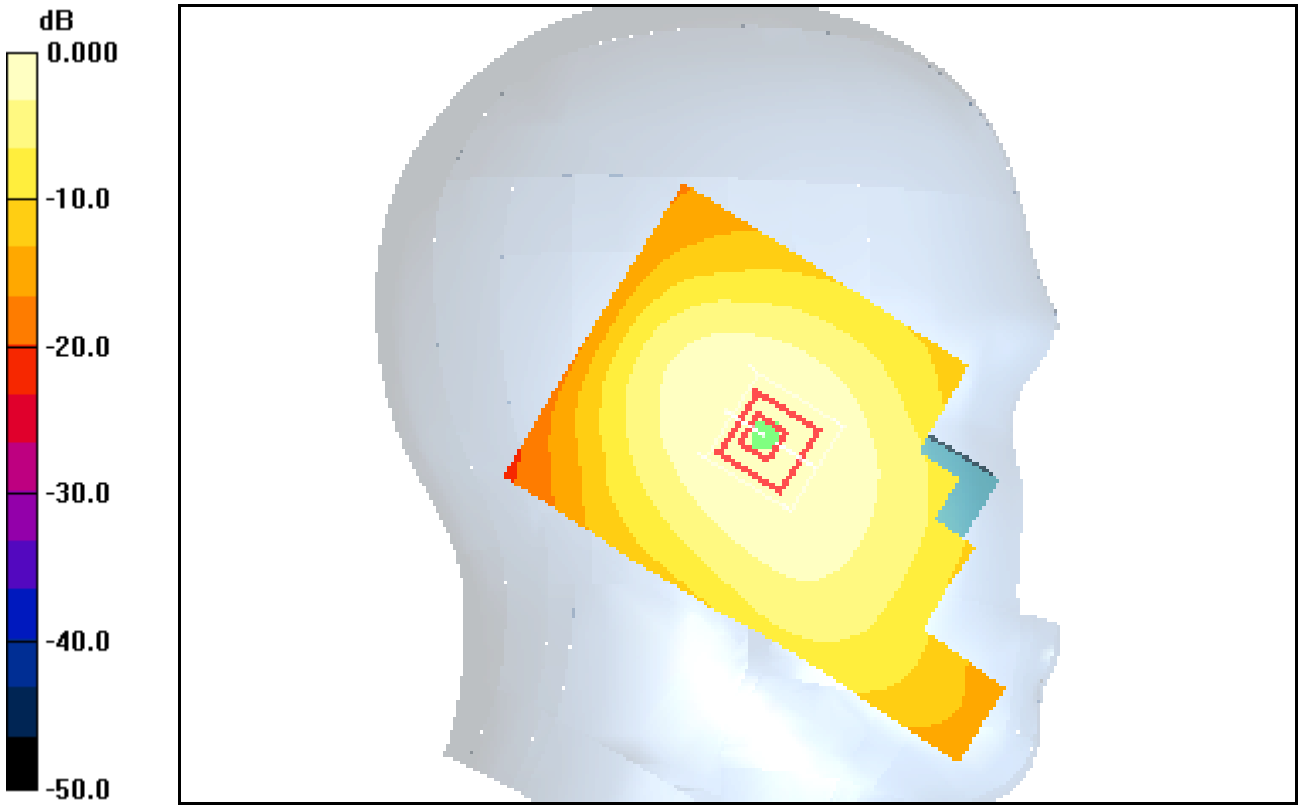
0 dB = 0.901mW/g


Interpolated SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.00
0.02
0.04
0.06
0.08
0.10
0.12
0.14
0.16
m

K48-02 #1132 CDMA-800 Left Close

Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1
Medium: HSL900,Medium parameters used (interpolated): f = 836.49 MHz; σ = 0.9 mho/m; ε_r = 41.8; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Left Section
DASY4 Configuration:
Probe: ES3DV3 - SN3036, ConvF(6.09, 6.09, 6.09), Calibrated: 9/18/2008
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE4 Sn527,Calibrated: 9/14/2007
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature:
Room T = 21.8 +/– 1 deg C, Liquid T = 22.0 +/– 1 deg C

CDMA-800 Ch383 LT/Zoom Scan (7x7x7)/Cube 0: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 20.1 V/m; Power Drift = -0.104 dB
Peak SAR (extrapolated) = 0.652 W/kg
SAR(1 g) = 0.529 mW/g; SAR(10 g) = 0.396 mW/g

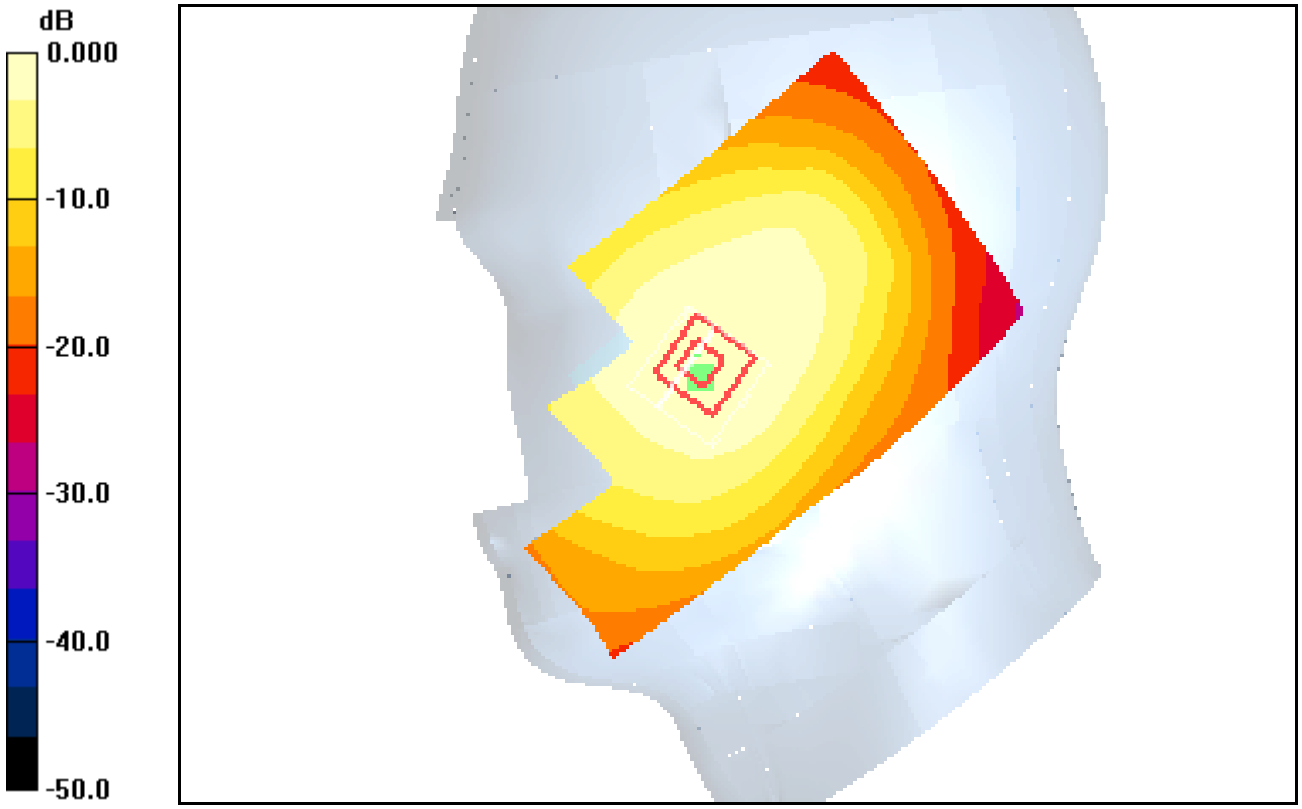


0 dB = 0.558mW/g

K48-02 #1132 CDMA-800 Right Close

Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1
Medium: HSL900,Medium parameters used (interpolated): f = 836.49 MHz; σ = 0.9 mho/m; ε_r = 41.8; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Right Section
DASY4 Configuration:
Probe: ES3DV3 - SN3036, ConvF(6.09, 6.09, 6.09), Calibrated: 9/18/2008
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE4 Sn527,Calibrated: 9/14/2007
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature:
Room T = 21.8 +/– 1 deg C, Liquid T = 22.0 +/– 1 deg C

CDMA-800 Ch383 RC/Zoom Scan (7x7x7)/Cube 0: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 14.2 V/m; Power Drift = -0.103 dB
Peak SAR (extrapolated) = 0.972 W/kg
SAR(1 g) = 0.788 mW/g; SAR(10 g) = 0.595 mW/g



0 dB = 0.827mW/g

K48-02 #1132 CDMA-800 Right Close

Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1
Medium: HSL900,Medium parameters used (interpolated): f = 836.49 MHz; σ = 0.9 mho/m; ε_r = 41.8; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Right Section
DASY4 Configuration:
Probe: ES3DV3 - SN3036, ConvF(6.09, 6.09, 6.09), Calibrated: 9/18/2008
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE4 Sn527,Calibrated: 9/14/2007
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature:
Room T = 21.8 +/– 1 deg C, Liquid T = 22.0 +/– 1 deg C

CDMA-800 Ch383 RT/Zoom Scan (7x7x7)/Cube 0: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 19.0 V/m; Power Drift = 0.023 dB
Peak SAR (extrapolated) = 0.642 W/kg
SAR(1 g) = 0.519 mW/g; SAR(10 g) = 0.386 mW/g

0 dB = 0.551mW/g

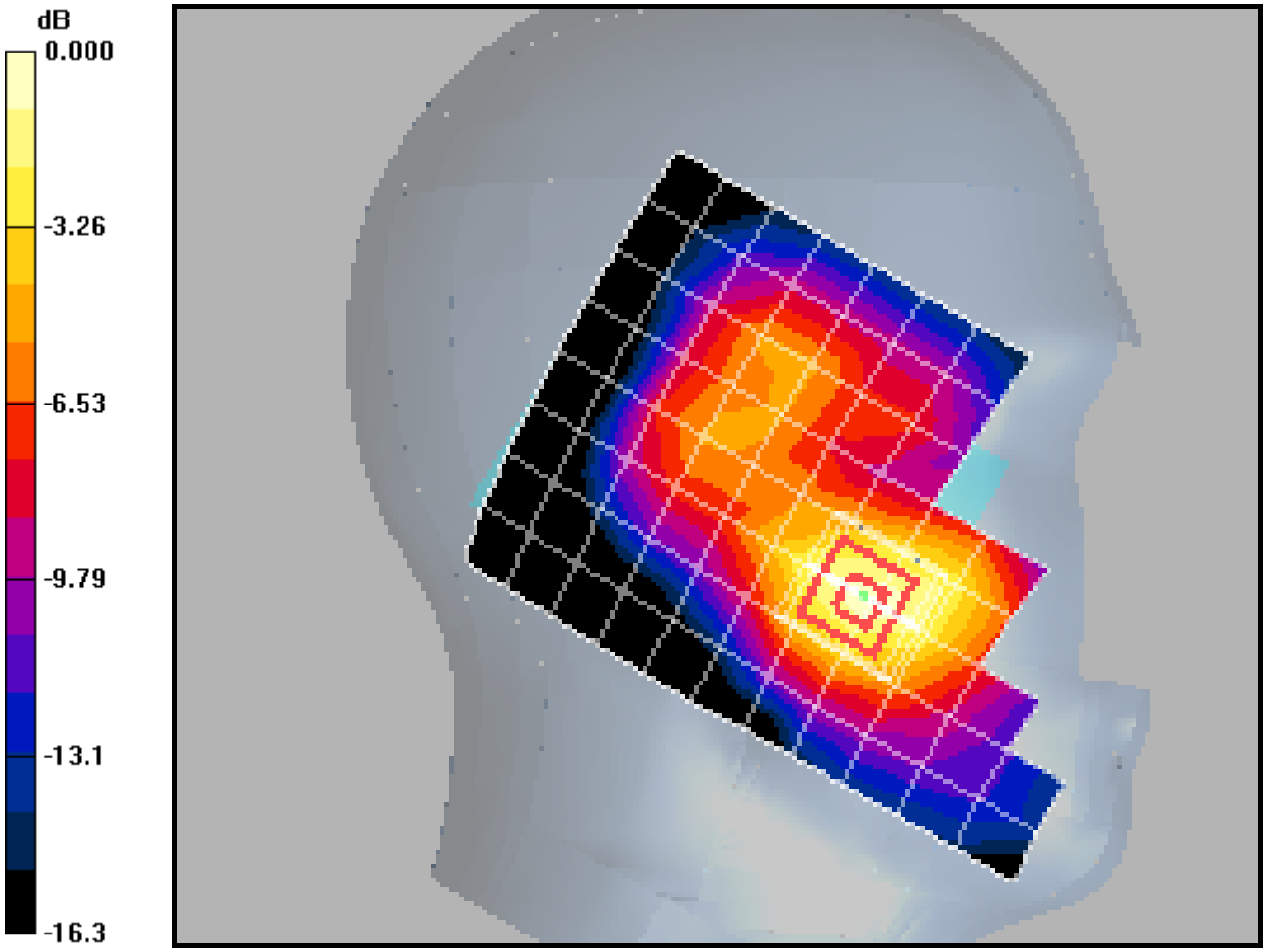
Date/Time: 5/13/2009 5:15:00 PM

Test Laboratory: Kyocera Wireless Corp.

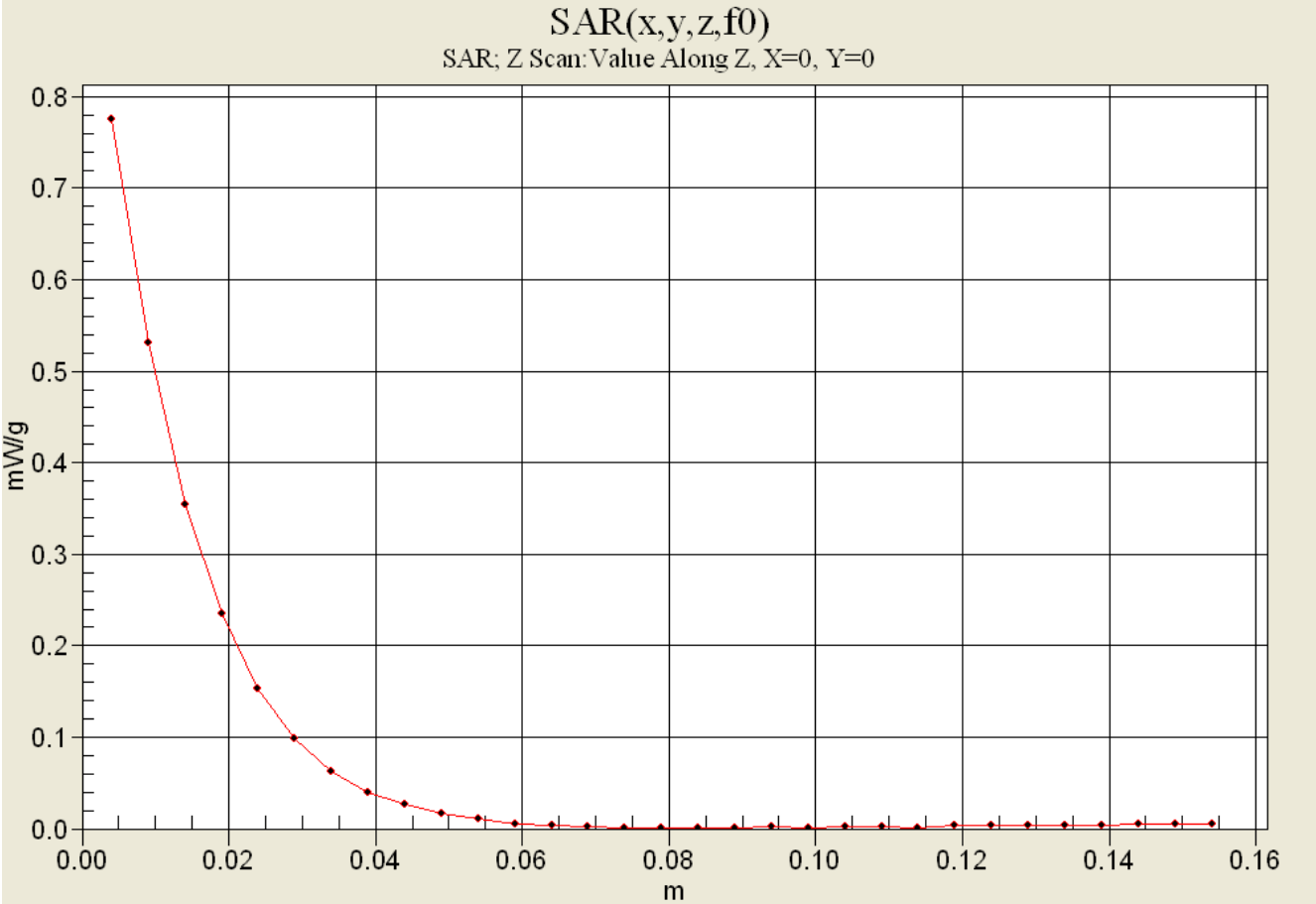
K48-02 #1132 CDMA-1700 Phone Open Left

Communication System: AWS-1700, Frequency: 1732.5 MHz, Duty Cycle: 1:1
Medium: HSL1700,Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.37 mho/m; ε_r = 38.7; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Left Section
DASY4 Configuration:
Probe: ET3DV6 - SN1664, ConvF(5.49, 5.49, 5.49), Calibrated: 6/23/2008
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE4 Sn603,Calibrated: 9/17/2008
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature:
Room T = 21.8 +/– 1 deg C, Liquid T = 22.0 +/– 1 deg C

CDMA-1700 Ch450 LC/Zoom Scan (7x7x7)/Cube 0: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 11.0 V/m; Power Drift = -0.156 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.723 mW/g; SAR(10 g) = 0.432 mW/g



0 dB = 0.836mW/g


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.00
0.02
0.04
0.06
0.08
0.10
0.12
0.14
0.16
m

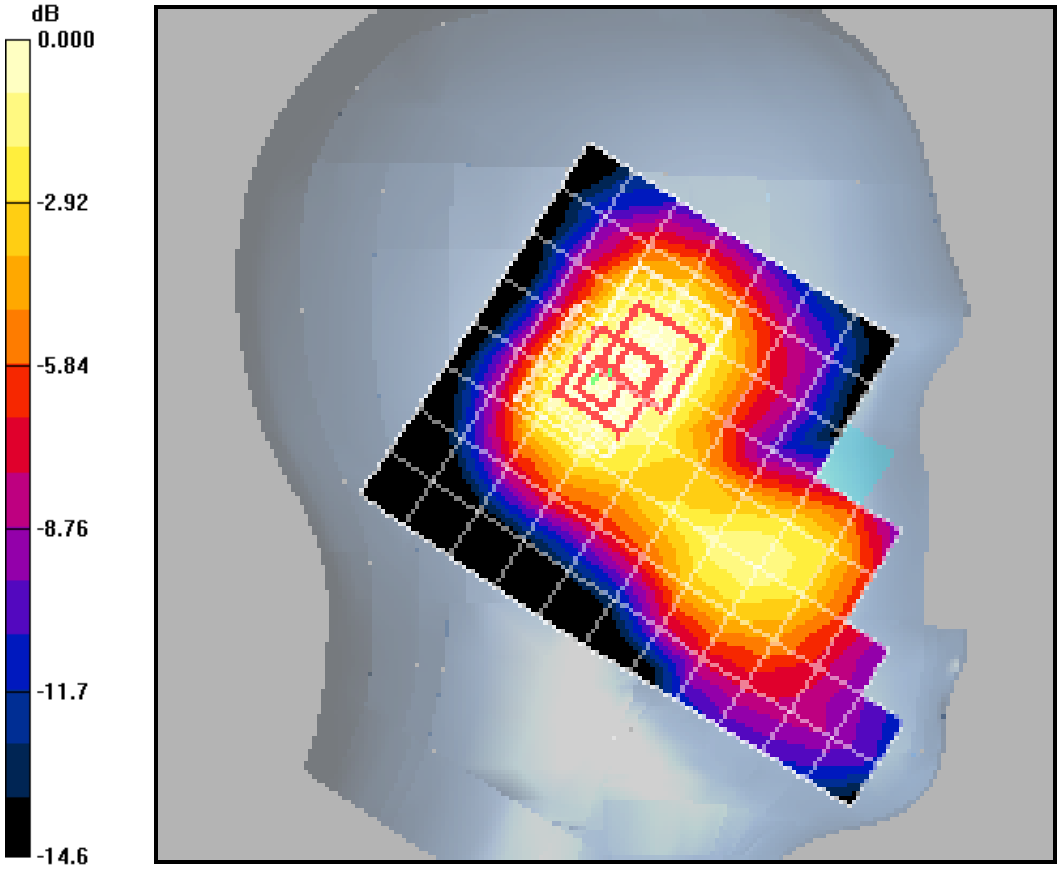
K48-02 #1132 CDMA-1700 Phone Open Left

Communication System: AWS-1700, Frequency: 1732.5 MHz, Duty Cycle: 1:1
Medium: HSL1700,Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.37 mho/m; ε_r = 38.7; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Left Section
DASY4 Configuration:
Probe: ET3DV6 - SN1664, ConvF(5.49, 5.49, 5.49), Calibrated: 6/23/2008
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE4 Sn603,Calibrated: 9/17/2008
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature:
Room T = 21.8 +/– 1 deg C, Liquid T = 22.0 +/– 1 deg C

CDMA-1700 Ch450 LT/Zoom Scan (7x7x7)/Cube 0: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 15.4 V/m; Power Drift = -0.137 dB
Peak SAR (extrapolated) = 0.478 W/kg
SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.220 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.367 mW/g

CDMA-1700 Ch450 LT/Zoom Scan (7x7x7)/Cube 1: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 15.4 V/m; Power Drift = -0.137 dB
Peak SAR (extrapolated) = 0.456 W/kg
SAR(1 g) = 0.301 mW/g; SAR(10 g) = 0.203 mW/g

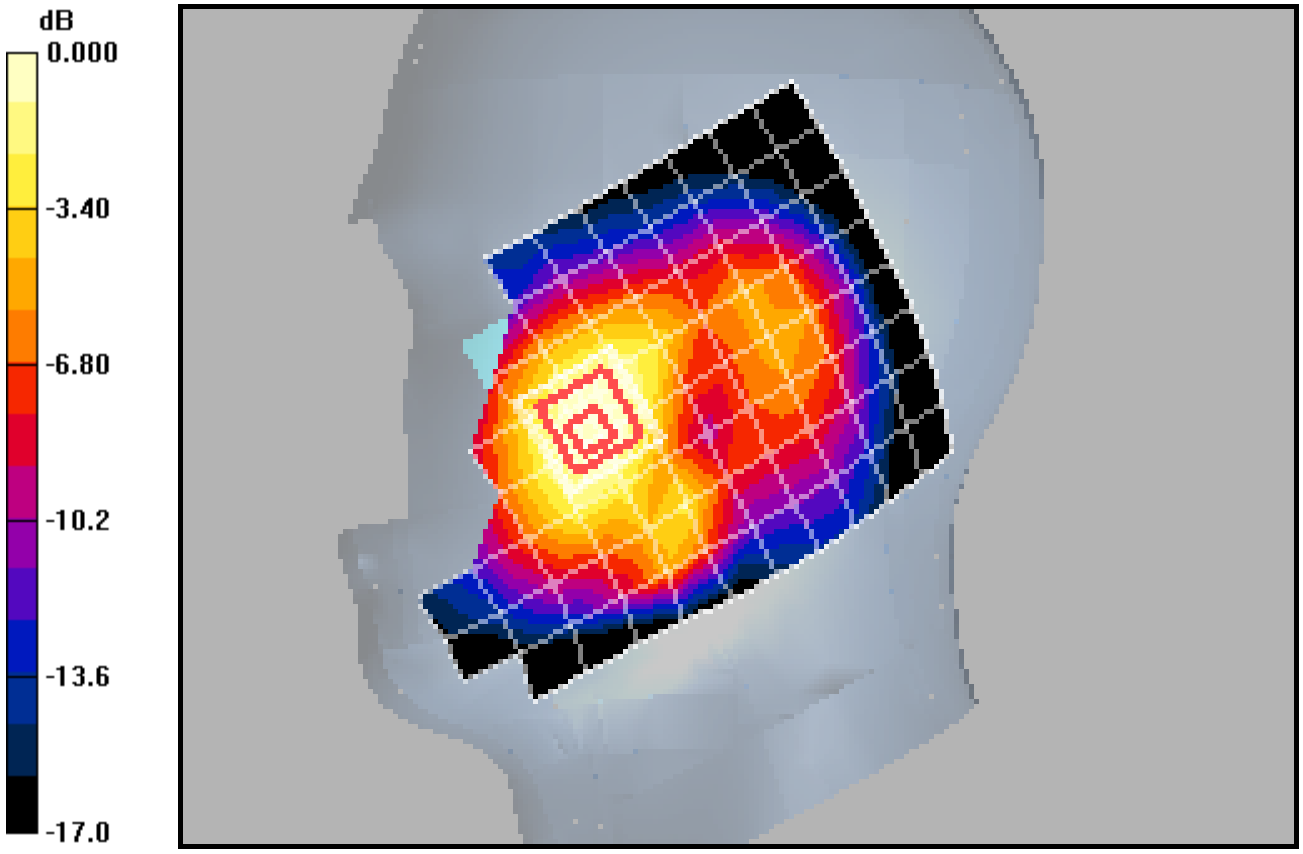


0 dB = 0.350mW/g

K48-02 #1132 CDMA-1700 Phone Open Right

Communication System: AWS-1700, Frequency: 1732.5 MHz, Duty Cycle: 1:1
Medium: HSL1700,Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.38 mho/m; ε_r = 38.9; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Right Section
DASY4 Configuration:
Probe: ET3DV6 - SN1664, ConvF(5.49, 5.49, 5.49), Calibrated: 6/23/2008
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE4 Sn603,Calibrated: 9/17/2008
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature:
Room T = 21.8 +/– 1 deg C, Liquid T = 22.0 +/– 1 deg C

CDMA-1700 Ch450 RC/Zoom Scan (7x7x7)/Cube 0: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 14.3 V/m; Power Drift = 0.051 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.757 mW/g; SAR(10 g) = 0.478 mW/g

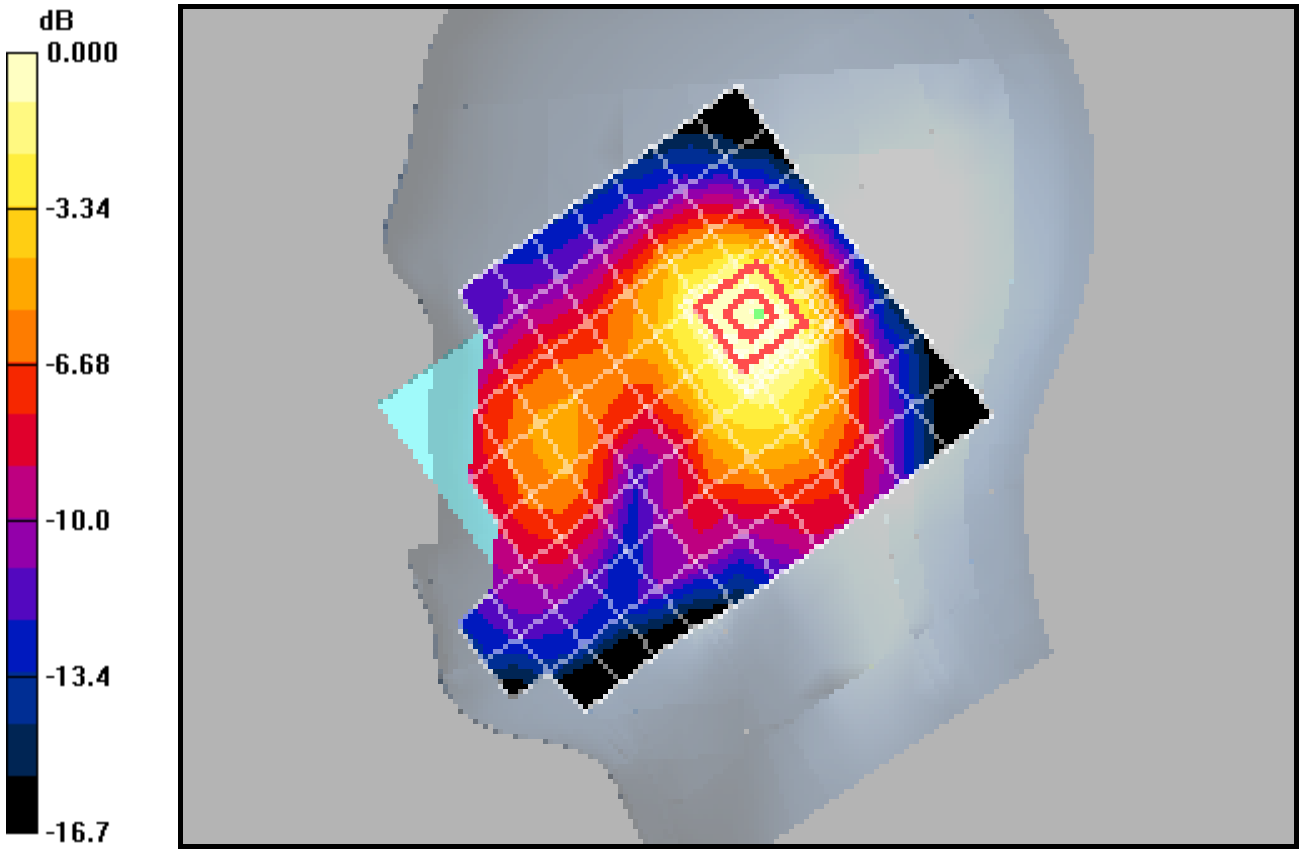


0 dB = 0.817mW/g

K48-02 #1132 CDMA-1700 Phone Open Right

Communication System: AWS-1700, Frequency: 1732.5 MHz, Duty Cycle: 1:1
Medium: HSL1700,Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.38 mho/m; ε_r = 38.9; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Right Section
DASY4 Configuration:
Probe: ET3DV6 - SN1664, ConvF(5.49, 5.49, 5.49), Calibrated: 6/23/2008
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE4 Sn603,Calibrated: 9/17/2008
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature:
Room T = 21.8 +/– 1 deg C, Liquid T = 22.0 +/– 1 deg C

CDMA-1700 Ch450 RT/Zoom Scan (7x7x7)/Cube 0: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 16.5 V/m; Power Drift = -0.117 dB
Peak SAR (extrapolated) = 0.480 W/kg
SAR(1 g) = 0.324 mW/g; SAR(10 g) = 0.198 mW/g



0 dB = 0.311mW/g

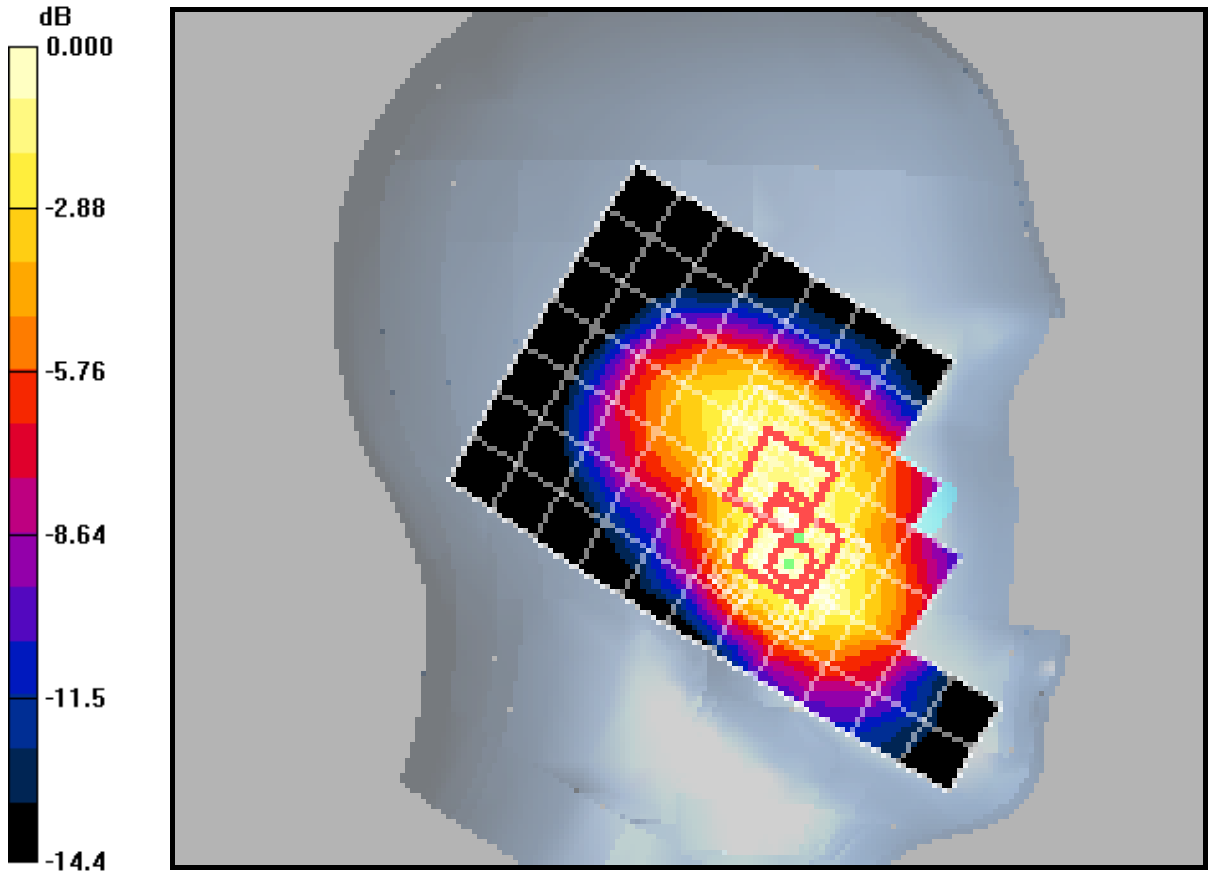
K48-02 #1132 CDMA-1700 Phone Closed Left

Communication System: AWS-1700, Frequency: 1732.5 MHz, Duty Cycle: 1:1
Medium: HSL1700,Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.37 mho/m; ε_r = 38.7; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Left Section
DASY4 Configuration:
Probe: ET3DV6 - SN1664, ConvF(5.49, 5.49, 5.49), Calibrated: 6/23/2008
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE4 Sn603,Calibrated: 9/17/2008
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature:
Room T = 21.8 +/– 1 deg C, Liquid T = 22.0 +/– 1 deg C

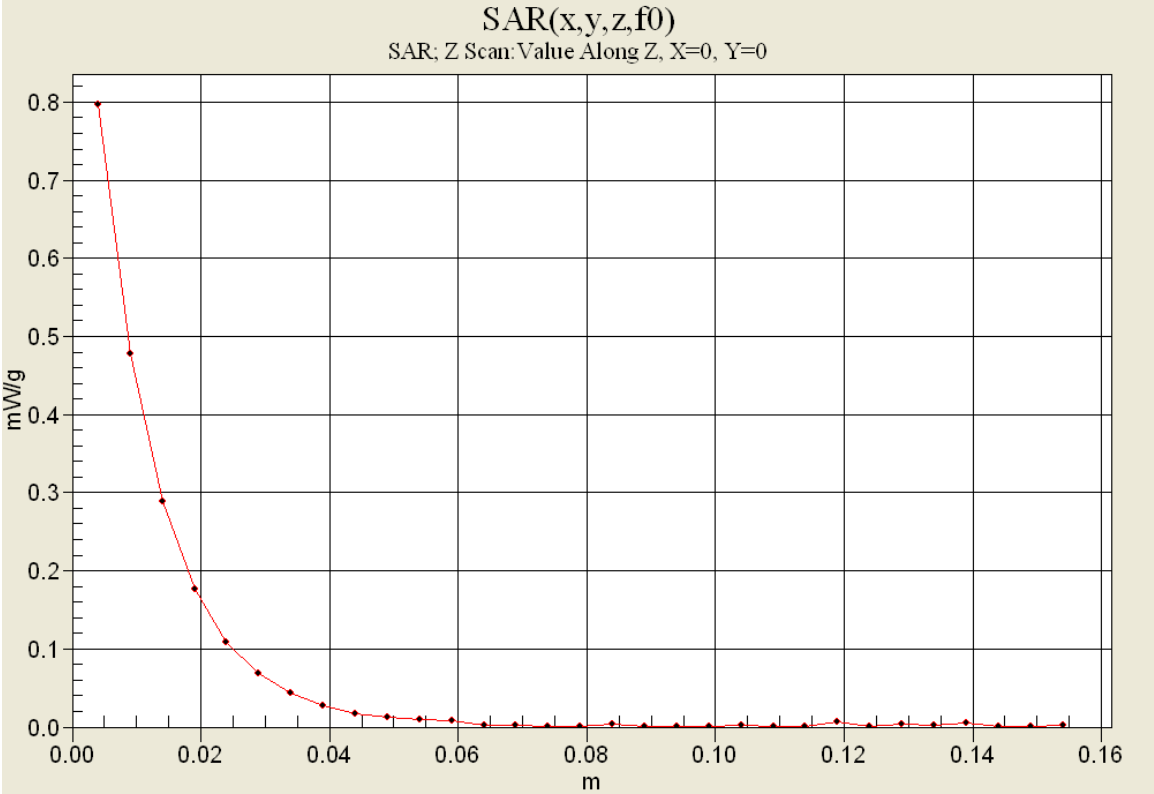
CDMA-1700 Ch450 LC/Zoom Scan (7x7x7)/Cube 0: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 11.2 V/m; Power Drift = 0.183 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.810 mW/g; SAR(10 g) = 0.468 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.896 mW/g

CDMA-1700 Ch450 LC/Zoom Scan (7x7x7)/Cube 1: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 11.2 V/m; Power Drift = 0.183 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.642 mW/g; SAR(10 g) = 0.414 mW/g



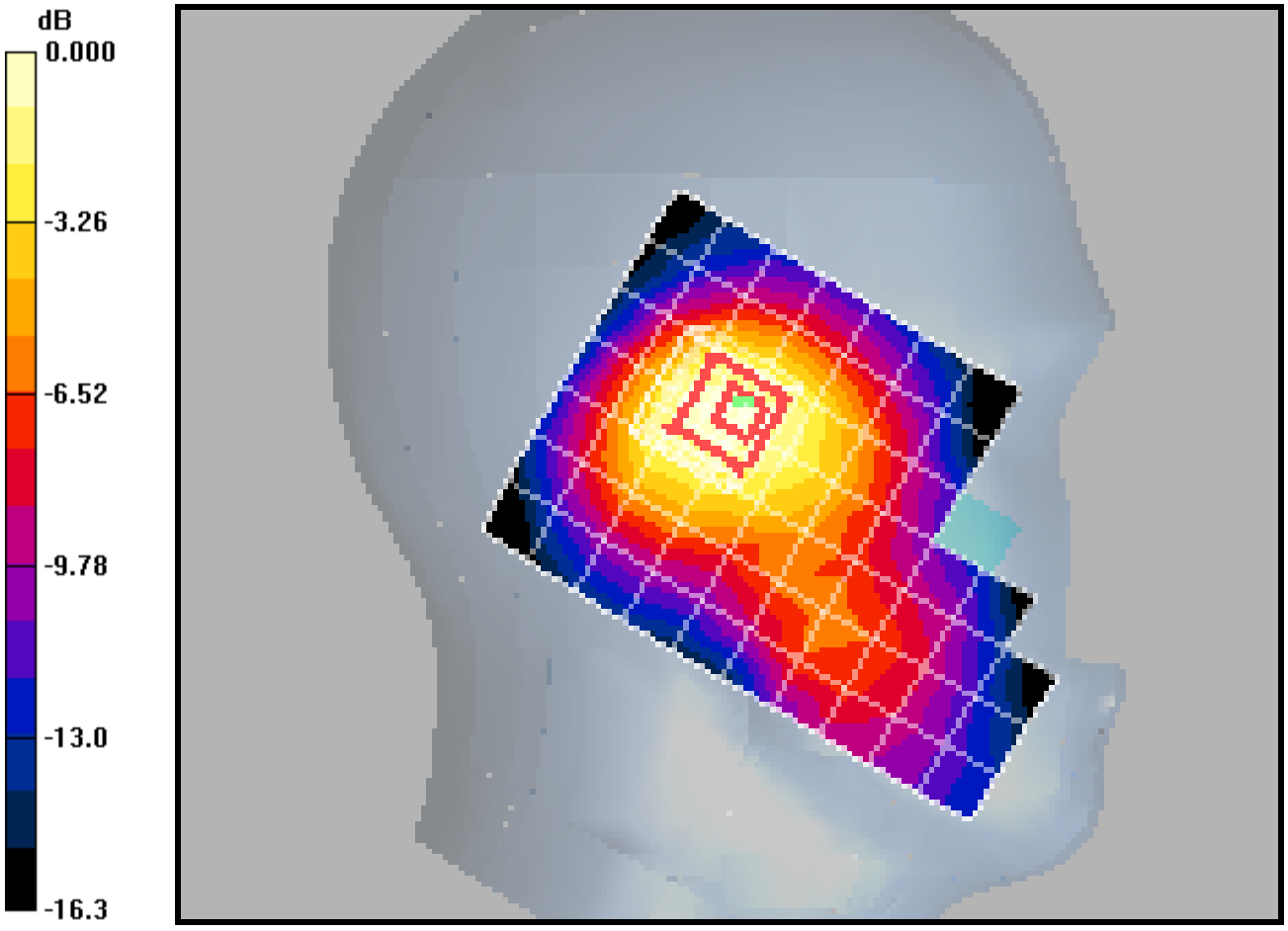
0 dB = 0.789mW/g


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.00
0.02
0.04
0.06
0.08
0.10
0.12
0.14
0.16
m

K48-02 #1132 CDMA-1700 Phone Closed Left

Communication System: AWS-1700, Frequency: 1732.5 MHz, Duty Cycle: 1:1
Medium: HSL1700,Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.37 mho/m; ε_r = 38.7; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Left Section
DASY4 Configuration:
Probe: ET3DV6 - SN1664, ConvF(5.49, 5.49, 5.49), Calibrated: 6/23/2008
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE4 Sn603,Calibrated: 9/17/2008
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature:
Room T = 21.8 +/– 1 deg C, Liquid T = 22.0 +/– 1 deg C

CDMA-1700 Ch450 LT/Zoom Scan (7x7x7)/Cube 0: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 15.8 V/m; Power Drift = 0.115 dB
Peak SAR (extrapolated) = 0.582 W/kg
SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.258 mW/g



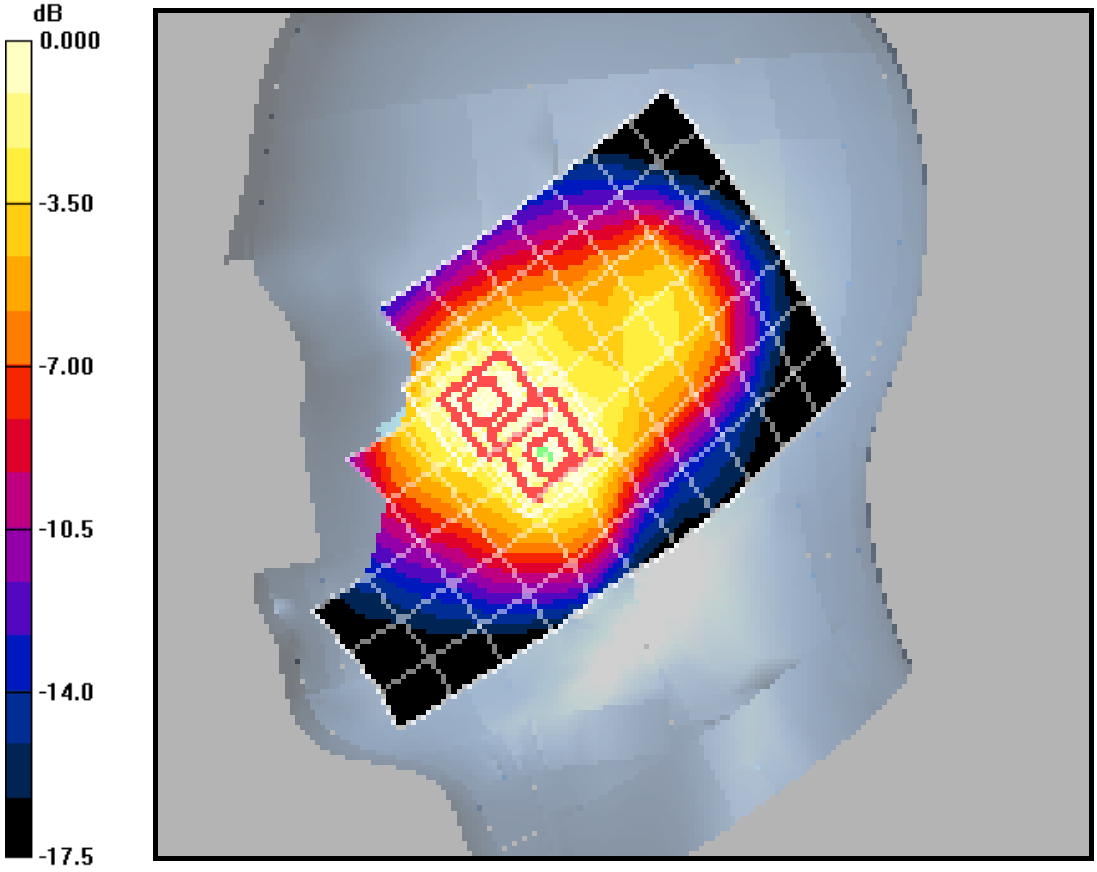
0 dB = 0.442mW/g

K48-02 #1132 CDMA-1700 Phone Closed Right

Communication System: AWS-1700, Frequency: 1732.5 MHz, Duty Cycle: 1:1
Medium: HSL1700,Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.38 mho/m; ε_r = 38.9; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Right Section
DASY4 Configuration:
Probe: ET3DV6 - SN1664, ConvF(5.49, 5.49, 5.49), Calibrated: 6/23/2008
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE4 Sn603,Calibrated: 9/17/2008
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature:
Room T = 21.8 +/– 1 deg C, Liquid T = 22.0 +/– 1 deg C

CDMA-1700 Ch450 RC/Zoom Scan (7x7x7)/Cube 0: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 17.3 V/m; Power Drift = -0.077 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.698 mW/g; SAR(10 g) = 0.425 mW/g

CDMA-1700 Ch450 RC/Zoom Scan (7x7x7)/Cube 1: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 17.3 V/m; Power Drift = -0.077 dB
Peak SAR (extrapolated) = 0.954 W/kg
SAR(1 g) = 0.610 mW/g; SAR(10 g) = 0.378 mW/g

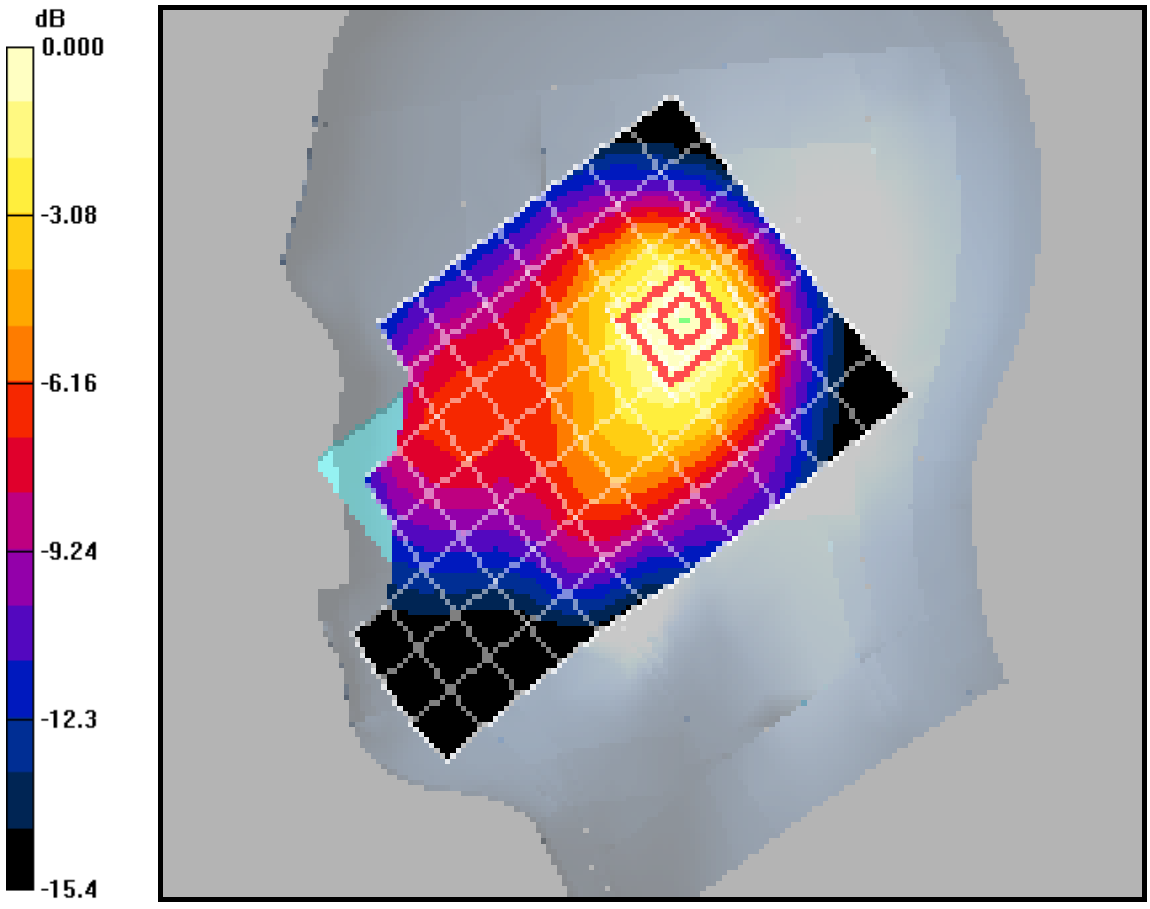


0 dB = 0.746mW/g

K48-02 #1132 CDMA-1700 Phone Closed Right

Communication System: AWS-1700, Frequency: 1732.5 MHz, Duty Cycle: 1:1
Medium: HSL1700,Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.38 mho/m; ε_r = 38.9; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Right Section
DASY4 Configuration:
Probe: ET3DV6 - SN1664, ConvF(5.49, 5.49, 5.49), Calibrated: 6/23/2008
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE4 Sn603,Calibrated: 9/17/2008
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature:
Room T = 21.8 +/– 1 deg C, Liquid T = 22.0 +/– 1 deg C

CDMA-1700 Ch450 RT/Zoom Scan (7x7x7)/Cube 0: **Measurement grid: dx=5mm, dy=5mm, dz=5mm**
Reference Value = 17.5 V/m; Power Drift = 0.098 dB
Peak SAR (extrapolated) = 0.516 W/kg
SAR(1 g) = 0.369 mW/g; SAR(10 g) = 0.234 mW/g



0 dB = 0.377mW/g