Date/Time: 11/23/04 11:15:24

Test Laboratory: ESTECH

VALIDATION 835MHz 1123

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:xxx

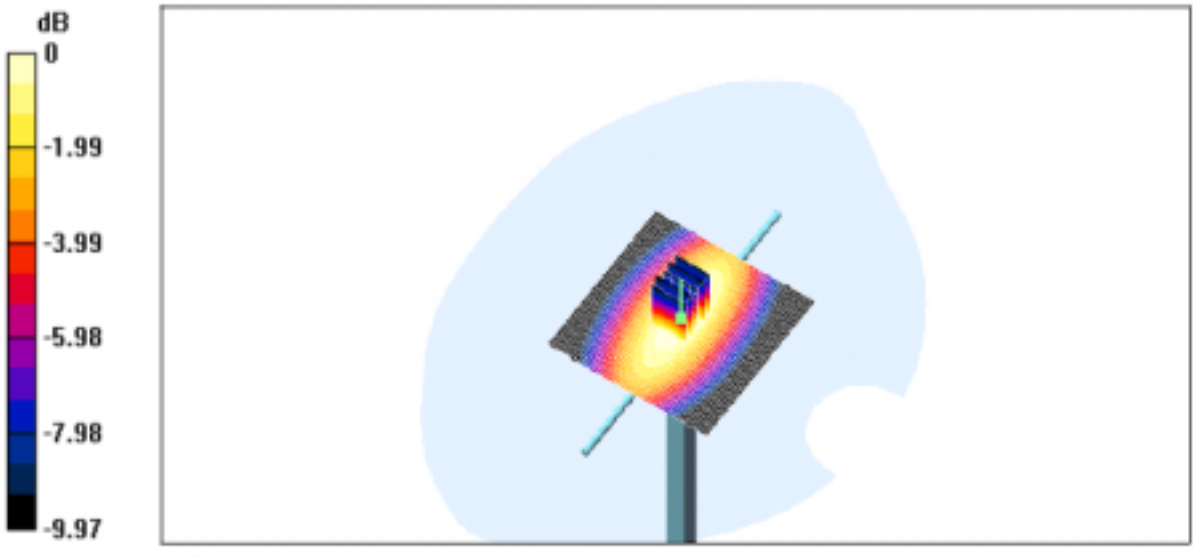
Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: Head 900MHz Medium parameters used: f = 835 MHz; σ = 0.874 mho/m; ε_r = 42.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1748; ConvF(6.35, 6.35, 6.35); Calibrated: 2004-03-23
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123
- Temperature : 22℃ ; Humidity : 32%

Unnamed procedure/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.71 mW/g

Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 58.6 V/m; Power Drift = -0.002 dB
Peak SAR (extrapolated) = 3.85 W/kg
SAR(1 g) = 2.52 mW/g
Maximum value of SAR (measured) = 2.73 mW/g



0 dB = 2.73mW/g

Date/Time: 11/24/04 11:09:53

Test Laboratory: ESTECH

VALIDATION 835MHz 1124

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:xxx

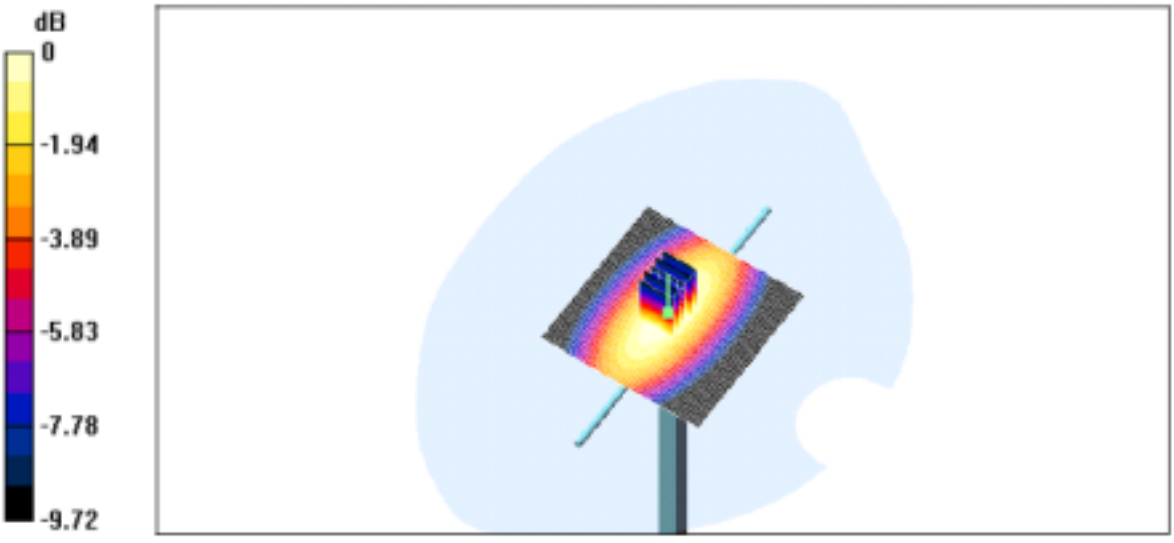
Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: Head 900MHz Medium parameters used: f = 835 MHz; σ = 0.873 mho/m; ε_r = 42.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1748; ConvF(6.35, 6.35, 6.35); Calibrated: 2004-03-23
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123
- Temperature : 23℃ ; Humidity : 32%

Unnamed procedure/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.58 mW/g

Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 56 V/m; Power Drift = -0.0 dB
Peak SAR (extrapolated) = 3.55 W/kg
SAR(1 g) = 2.39 mW/g
Maximum value of SAR (measured) = 2.58 mW/g



0 dB = 2.58mW/g

Date/Time: 11/24/04 18:09:11

Test Laboratory: ESTECH

Validation-1900MHz-1124

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:xxx

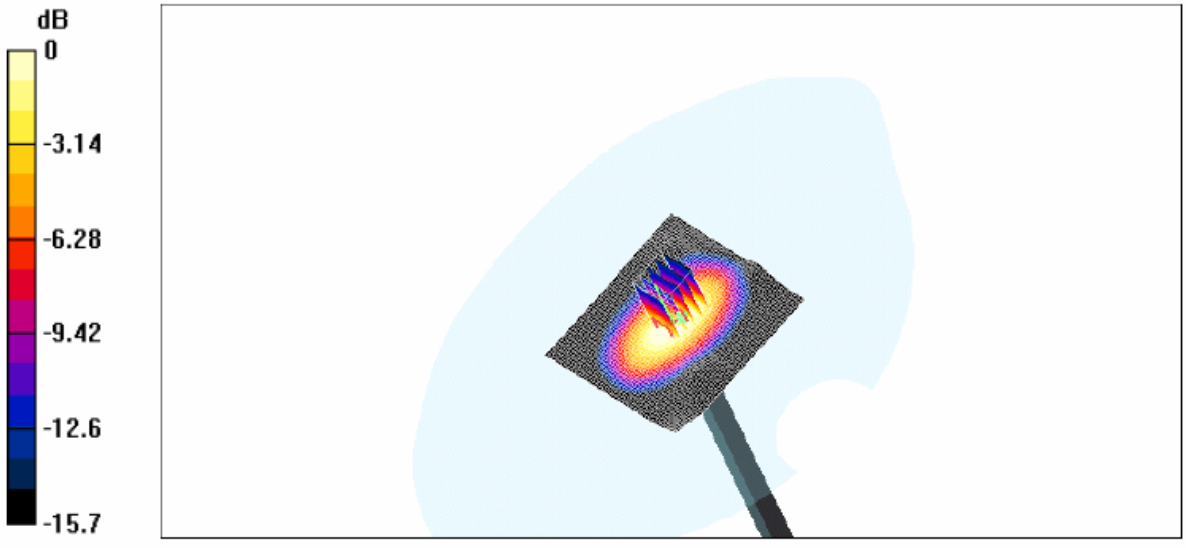
Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL1900 Medium parameters used: f = 1900 MHz; σ = 1.46 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1748; ConvF(5.2, 5.2, 5.2); Calibrated: 2004-03-23
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM MIC 1800Mhz; Type: SAM MIC 1800MHz; Serial: TP-1263
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123
- Temperature : 23℃ ; Humidity : 30%

Unnamed procedure/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 12 mW/g

Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 91.7 V/m; Power Drift = -0.0 dB
Peak SAR (extrapolated) = 17.7 W/kg
SAR(1 g) = 10 mW/g
Maximum value of SAR (measured) = 11.4 mW/g



0 dB = 11.4mW/g

APPENDIX B : SAR Test Setup Photographs

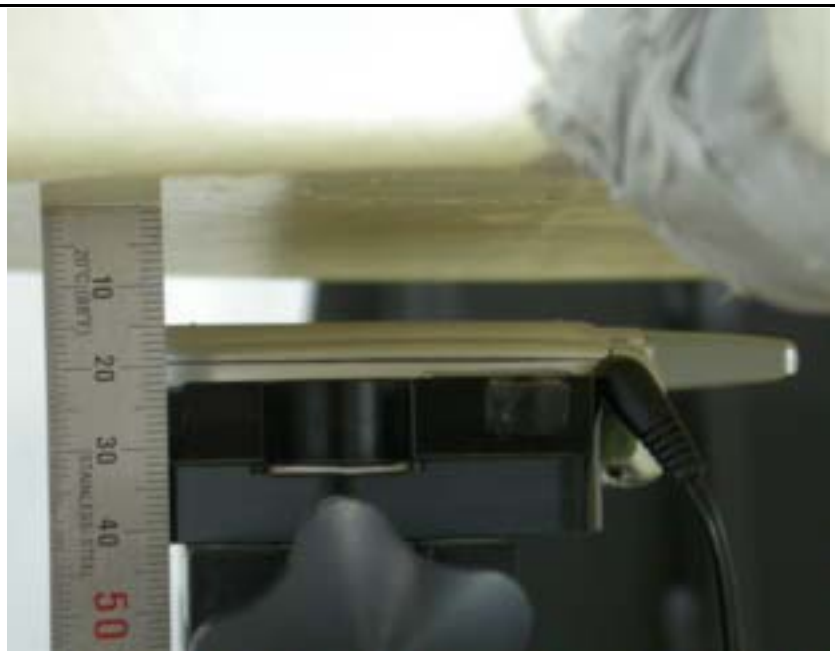
Left Hand –Touch Position

Right Hand –Touch Position

Left Hand –Tlit Position

Right Hand –Tilt Position

Flat – Body Side Configuration



Flat – Body Front Configuration

APPENDIX C : SAR Test Data

Date/Time: 11/23/04 22:40:00

Test Laboratory: ESTECH

LG-MX4170 - CH 991 LEFT TOUCH POSITION

DUT: LG-MX4170; Type: Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA); Serial: NONE

Communication System: AMPS 835; Frequency: 824.04 MHz;Duty Cycle: 1:1
Medium: Head 900MHz Medium parameters used (interpolated): f = 824.04 MHz; σ = 0.865 mho/m; ε_r = 42.7; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY4 (High Precision Assessment)

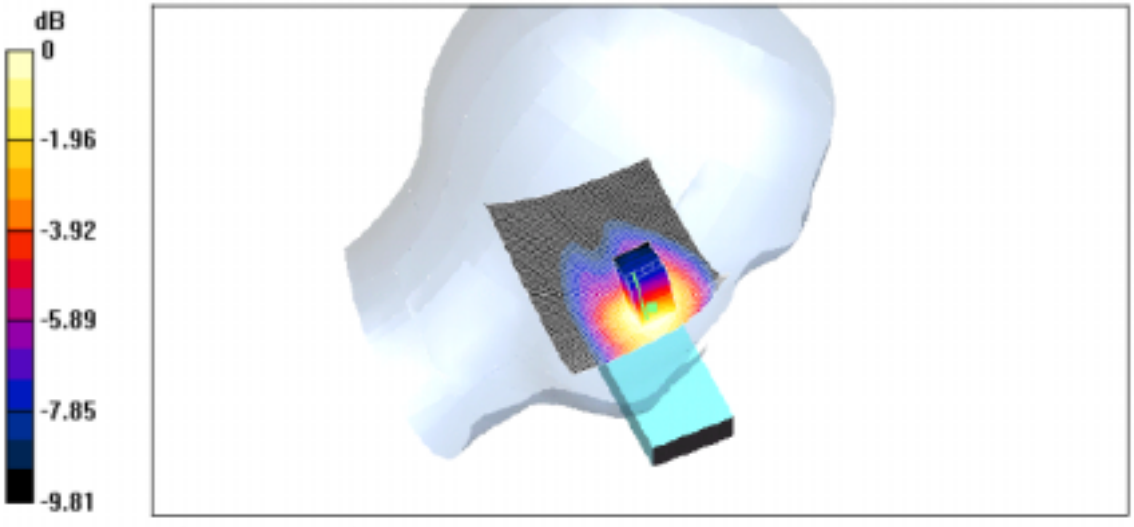
DASY4 Configuration:

- Probe: ET3DV6 - SN1748; ConvF(6.35, 6.35, 6.35); Calibrated: 2004-03-23
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123
- Temperature : 22℃ ; Humidity : 31%

Unnamed procedure/Area Scan (61x71x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (interpolated) = 0.663 mW/g

Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.65 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 0.883 W/kg
SAR(1 g) = 0.555 mW/g
Maximum value of SAR (measured) = 0.596 mW/g



0 dB = 0.596mW/g

Date/Time: 11/23/04 21:09:05

Test Laboratory: ESTECH

LG-MX4170 - CH 383 LEFT TOUCH POSITION

DUT: LG-MX4170; Type: Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA); Serial: NONE

Communication System: AMPS 835; Frequency: 836.49 MHz;Duty Cycle: 1:1
Medium: Head 900MHz Medium parameters used (interpolated): f = 836.49 MHz; σ = 0.874 mho/m; ε_r = 42.5; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY4 (High Precision Assessment)

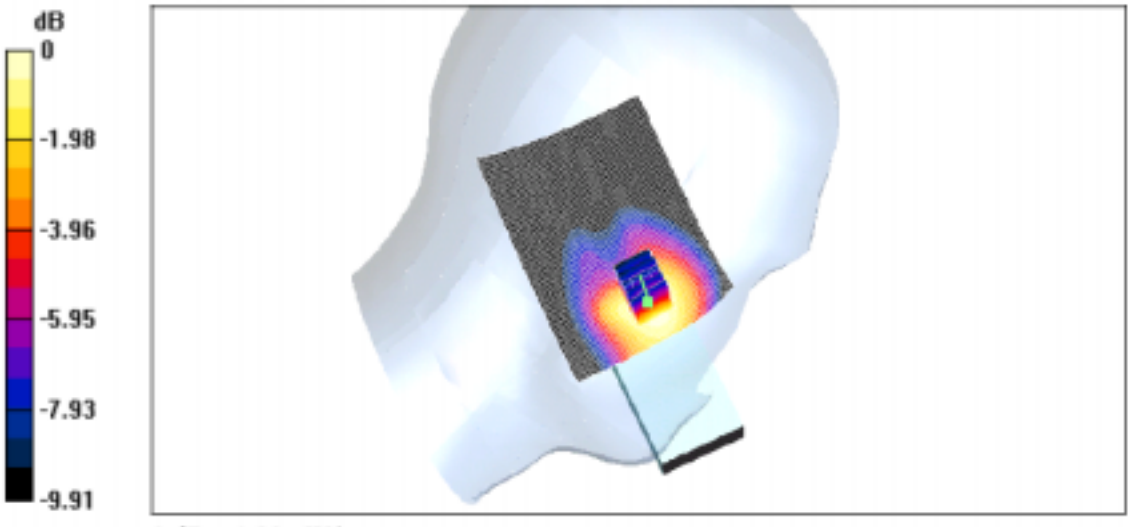
DASY4 Configuration:

- Probe: ET3DV6 - SN1748; ConvF(6.35, 6.35, 6.35); Calibrated: 2004-03-23
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123
- Temperature : 22℃ ; Humidity : 31%

Unnamed procedure/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (interpolated) = 1.27 mW/g

Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.5 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 1.89 W/kg
SAR(1 g) = 1.17 mW/g
Maximum value of SAR (measured) = 1.23 mW/g



0 dB = 1.23mW/g

Date/Time: 11/24/04 13:40:01

Test Laboratory: ESTECH

LG-MX4170 - CH 799 LEFT TOUCH POSITION

DUT: LG-MX4170; Type: Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA); Serial: NONE

Communication System: AMPS 835; Frequency: 848.97 MHz;Duty Cycle: 1:1
Medium: Head 900MHz Medium parameters used (interpolated): f = 848.97 MHz; σ = 0.885 mho/m; ε_r = 42.3; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY4 (High Precision Assessment)

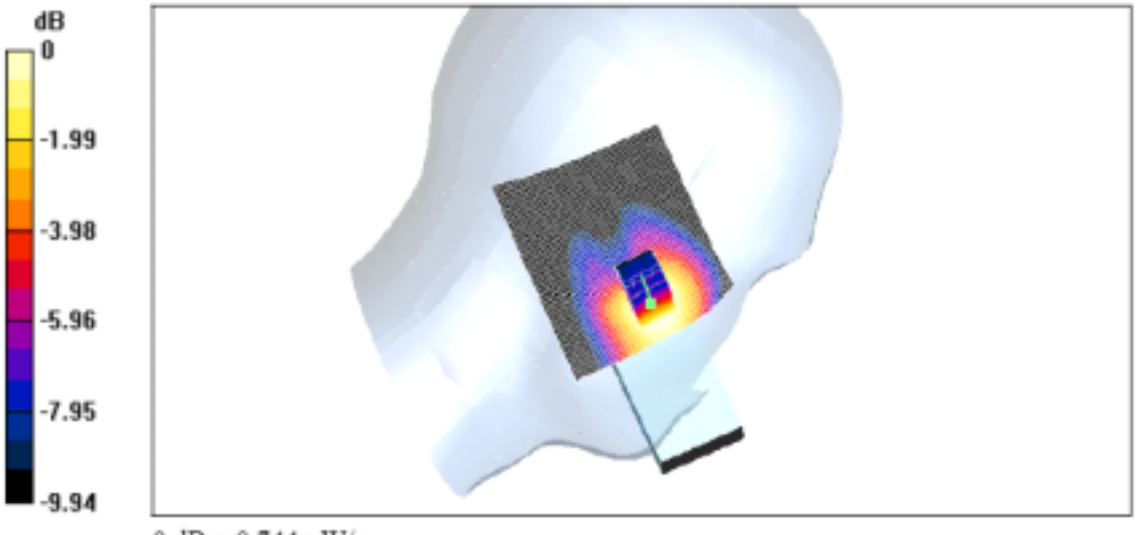
DASY4 Configuration:

- Probe: ET3DV6 - SN1748; ConvF(6.35, 6.35, 6.35); Calibrated: 2004-03-23
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123
- Temperature : 23℃ ; Humidity : 32%

Unnamed procedure/Area Scan (61x71x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (interpolated) = 0.823 mW/g

Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.99 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.692 mW/g
Maximum value of SAR (measured) = 0.744 mW/g



0 dB = 0.744mW/g

Date/Time: 11/23/04 22:58:49

Test Laboratory: ESTECH

LG-MX4170 - CH 991 RIGHT TOUCH POSITION

DUT: LG-MX4170; Type: Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA); Serial: NONE

Communication System: AMPS 835; Frequency: 824.04 MHz;Duty Cycle: 1:1
Medium: Head 900MHz Medium parameters used (interpolated): f = 824.04 MHz; σ = 0.865 mho/m; ε_r = 42.7; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

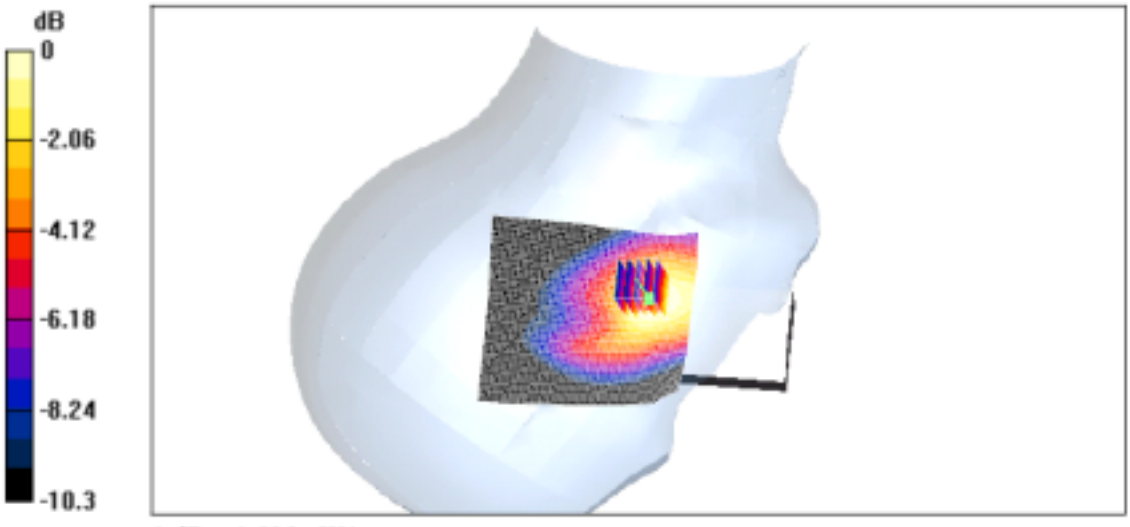
DASY4 Configuration:

- Probe: ET3DV6 - SN1748; ConvF(6.35, 6.35, 6.35); Calibrated: 2004-03-23
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123
- Temperature : 22℃ ; Humidity : 31%

Unnamed procedure/Area Scan (61x71x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (interpolated) = 0.557 mW/g

Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.36 V/m; Power Drift = 0.0 dB
Peak SAR (extrapolated) = 0.819 W/kg
SAR(1 g) = 0.494 mW/g
Maximum value of SAR (measured) = 0.535 mW/g



0 dB = 0.535mW/g

Date/Time: 11/23/04 22:20:26

Test Laboratory: ESTECH

LG-MX4170 - CH 383 RIGHT TOUCH POSITION

DUT: LG-MX4170; Type: Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA); Serial: NONE

Communication System: AMPS 835; Frequency: 836.49 MHz;Duty Cycle: 1:1
Medium: Head 900MHz Medium parameters used (interpolated): f = 836.49 MHz; σ = 0.874 mho/m; ε_r = 42.5; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

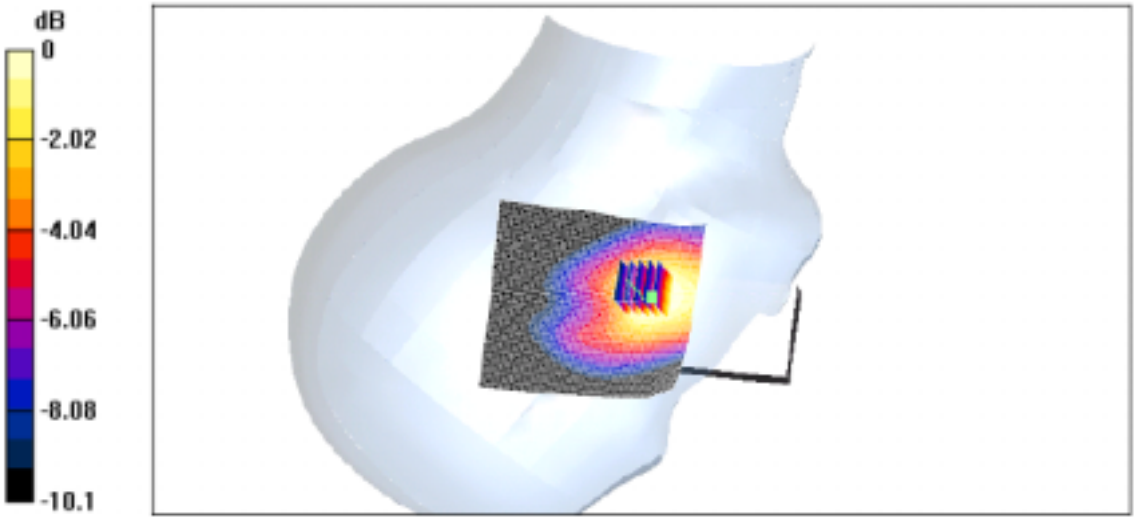
DASY4 Configuration:

- Probe: ET3DV6 - SN1748; ConvF(6.35, 6.35, 6.35); Calibrated: 2004-03-23
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123
- Temperature : 22℃ ; Humidity : 31%

Unnamed procedure/Area Scan (61x71x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (interpolated) = 1.3 mW/g

Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.5 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 1.86 W/kg
SAR(1 g) = 1.14 mW/g
Maximum value of SAR (measured) = 1.22 mW/g



0 dB = 1.22mW/g

Date/Time: 11/24/04 14:01:46

Test Laboratory: ESTECH

LG-MX4170 - CH 799 RIGHT TOUCH POSITION

DUT: LG-MX4170; Type: Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA); Serial: NONE

Communication System: AMPS 835; Frequency: 848.97 MHz;Duty Cycle: 1:1
Medium: Head 900MHz Medium parameters used (interpolated): f = 848.97 MHz; σ = 0.885 mho/m; ε_r = 42.3; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

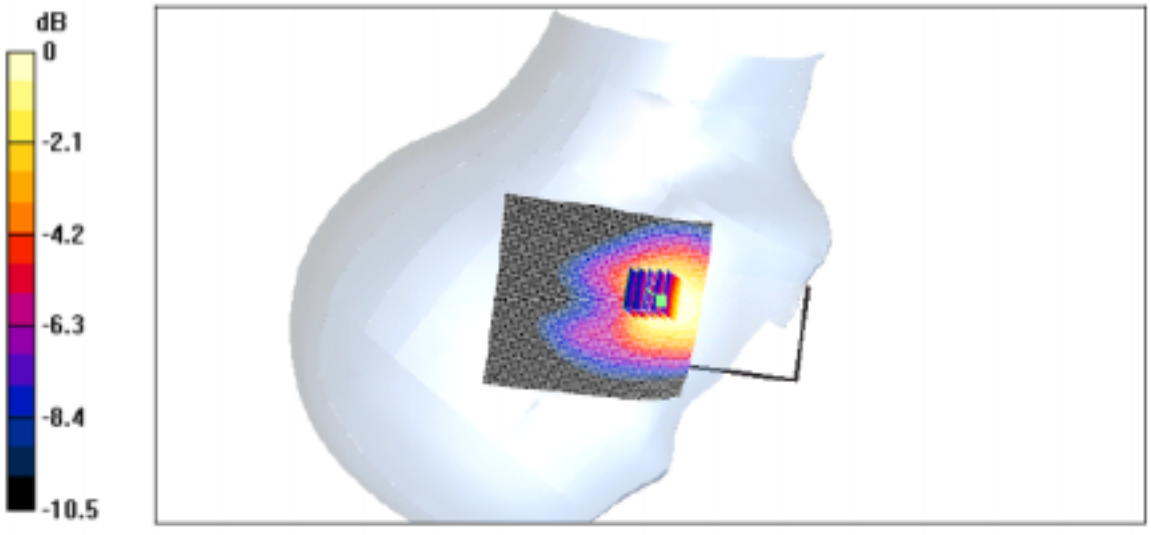
DASY4 Configuration:

- Probe: ET3DV6 - SN1748; ConvF(6.35, 6.35, 6.35); Calibrated: 2004-03-23
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123
- Temperature : 23℃ ; Humidity : 30%

Unnamed procedure/Area Scan (61x71x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (interpolated) = 0.750 mW/g

Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.58 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.665 mW/g
Maximum value of SAR (measured) = 0.719 mW/g



0 dB = 0.719mW/g

Date/Time: 11/24/04 14:28:00

Test Laboratory: ESTECH

LG-MX4170 - CH 383 LEFT TILT POSITION

DUT: LG-MX4170; Type: Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA); Serial: NONE

Communication System: AMPS 835; Frequency: 836.49 MHz;Duty Cycle: 1:1
Medium: Head 900MHz Medium parameters used (interpolated): f = 836.49 MHz; σ = 0.873 mho/m; ε_r = 42.5; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY4 (High Precision Assessment)

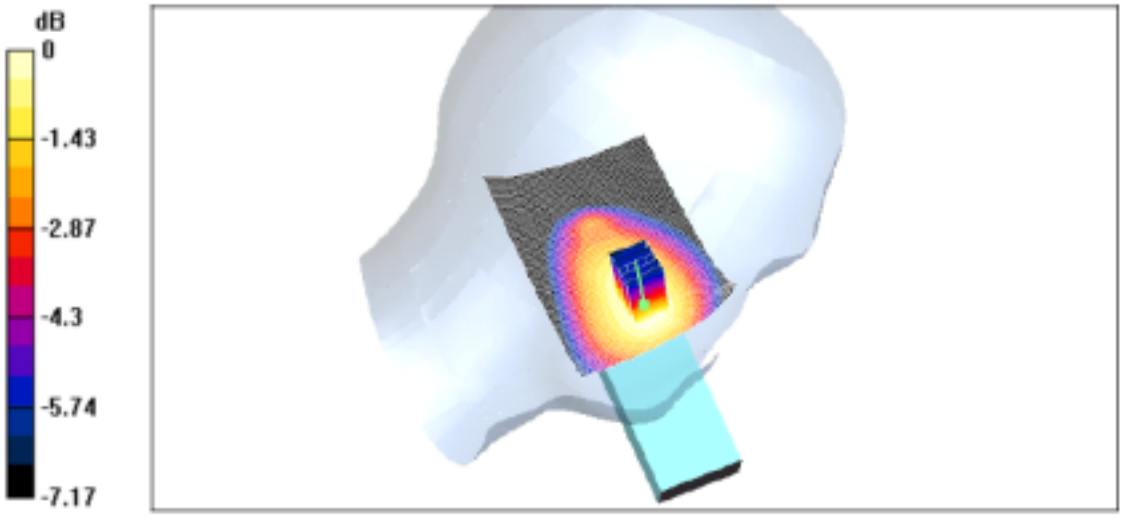
DASY4 Configuration:

- Probe: ET3DV6 - SN1748; ConvF(6.35, 6.35, 6.35); Calibrated: 2004-03-23
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123
- Temperature : 23℃ ; Humidity : 31%

Unnamed procedure/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (interpolated) = 0.424 mW/g

Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.1 V/m; Power Drift = -0.2 dB
Peak SAR (extrapolated) = 0.539 W/kg
SAR(1 g) = 0.410 mW/g
Maximum value of SAR (measured) = 0.431 mW/g



0 dB = 0.431mW/g

Date/Time: 11/24/04 14:55:40

Test Laboratory: ESTECH

LG-MX4170 - CH 383 RIGHT TILT POSITION

DUT: LG-MX4170; Type: Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA); Serial: NONE

Communication System: AMPS 835; Frequency: 836.49 MHz;Duty Cycle: 1:1
Medium: Head 900MHz Medium parameters used (interpolated): f = 836.49 MHz; σ = 0.873 mho/m; ε_r = 42.5; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

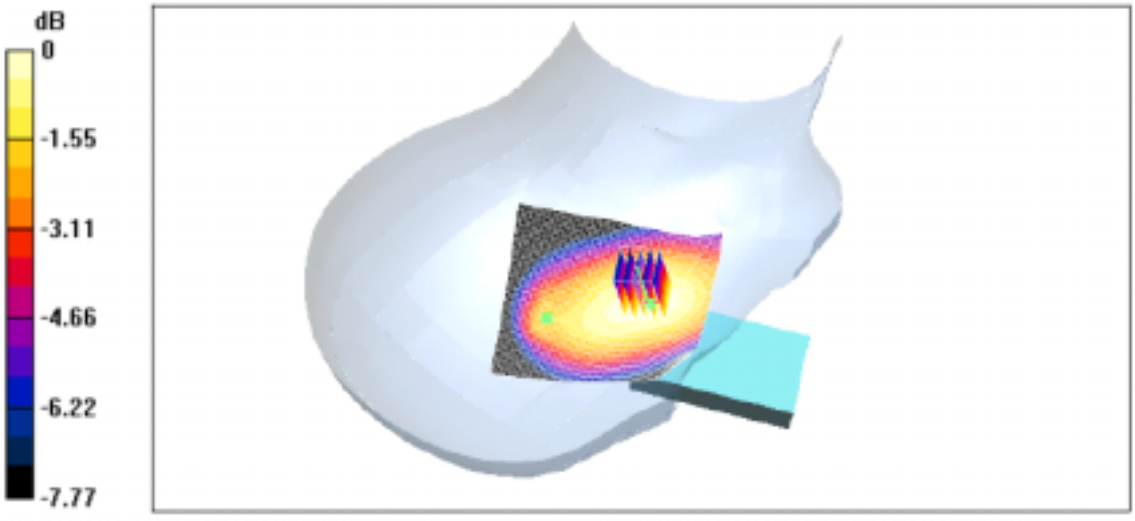
DASY4 Configuration:

- Probe: ET3DV6 - SN1748; ConvF(6.35, 6.35, 6.35); Calibrated: 2004-03-23
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123
- Temperature : 23℃ ; Humidity : 30%

Unnamed procedure/Area Scan (61x71x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (interpolated) = 0.353 mW/g

Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15 V/m; Power Drift = -0.2 dB
Peak SAR (extrapolated) = 0.451 W/kg
SAR(1 g) = 0.343 mW/g
Maximum value of SAR (measured) = 0.369 mW/g



0 dB = 0.369mW/g

Date/Time: 11/24/04 15:07:41

Test Laboratory: ESTECH

LG-MX4170 - CH 383 LEFT TOUCH POSITION-Z SCAN

DUT: LG-MX4170; Type: Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA); Serial: NONE

Communication System: AMPS 835; Frequency: 836.49 MHz;Duty Cycle: 1:1
Medium: Head 900MHz Medium parameters used (interpolated): f = 836.49 MHz; σ = 0.873 mho/m; ε_r = 42.5; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

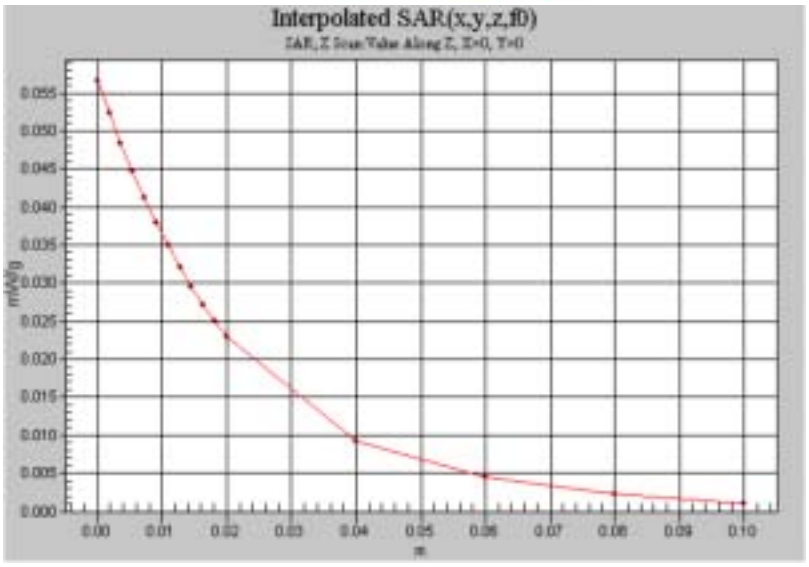
- Probe: ET3DV6 - SN1748; ConvF(6.35, 6.35, 6.35); Calibrated: 2004-03-23
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123
- Temperature : 23℃ ; Humidity : 31%

Unnamed procedure/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (interpolated) = 1.28 mW/g

Unnamed procedure/Z Scan (1x1x16): Measurement grid: dx=20mm, dy=20mm, dz=20mm

Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (interpolated) = 0.057 mW/g



Date/Time: 11/25/04 13:23:54

Test Laboratory: ESTECH

LG-MX4170 - CH 991 BODY SAR

DUT: LG-MX4170; Type: Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA); Serial: NONE

Communication System: AMPS 835; Frequency: 824.04 MHz;Duty Cycle: 1:1
Medium: M900 Medium parameters used (interpolated): f = 824.04 MHz; σ = 0.953 mho/m; ε_r = 55.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

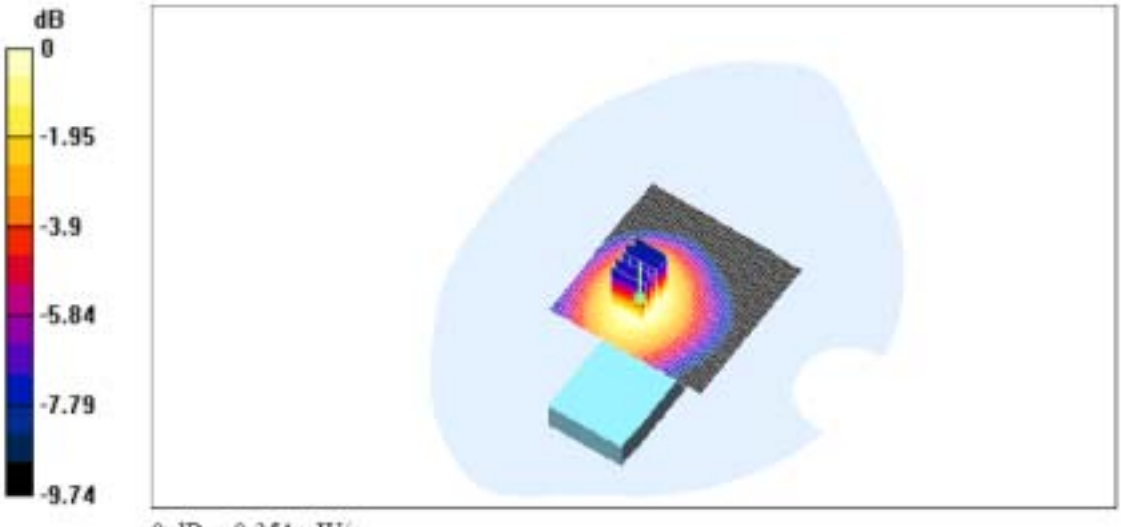
DASY4 Configuration:

- Probe: ET3DV6 - SN1748; ConvF(6.22, 6.22, 6.22); Calibrated: 2004-03-23
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123
- Temperature : 23℃ ; Humidity : 32%

Unnamed procedure/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (interpolated) = 0.354 mW/g

Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.7 V/m; Power Drift = 0.0 dB
Peak SAR (extrapolated) = 0.457 W/kg
SAR(1 g) = 0.326 mW/g
Maximum value of SAR (measured) = 0.351 mW/g



0 dB = 0.351mW/g

Date/Time: 11/25/04 12:10:06

Test Laboratory: ESTECH

LG-MX4170 - CH 383 BODY SAR

DUT: LG-MX4170; Type: Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA); Serial: NONE

Communication System: AMPS 835; Frequency: 836.49 MHz;Duty Cycle: 1:1
Medium: M900 Medium parameters used (interpolated): f = 836.49 MHz; σ = 0.967 mho/m; ε_r = 55; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

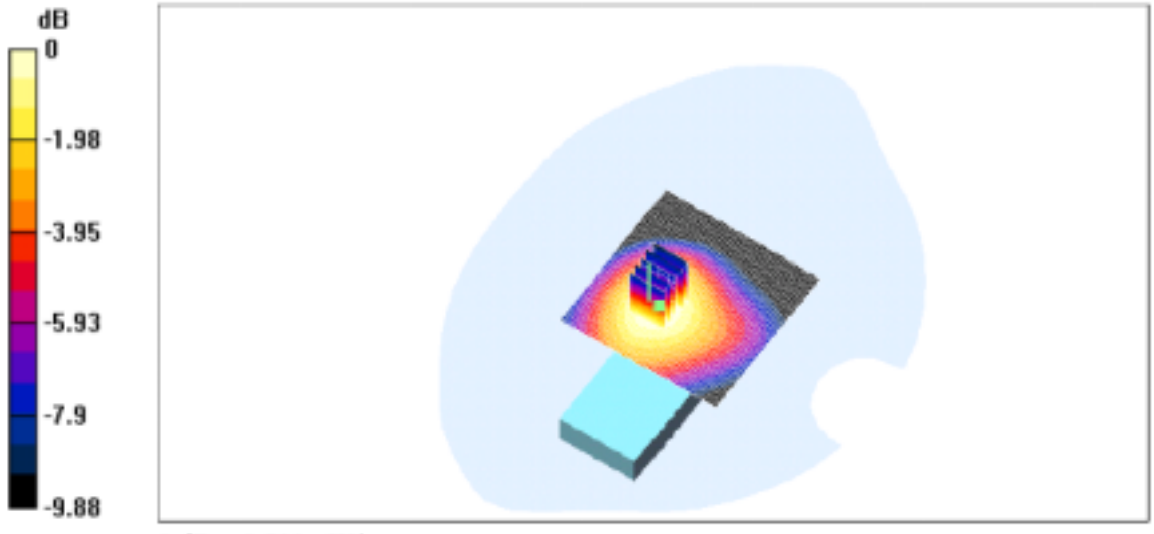
DASY4 Configuration:

- Probe: ET3DV6 - SN1748; ConvF(6.22, 6.22, 6.22); Calibrated: 2004-03-23
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123
- Temperature : 23℃ ; Humidity : 30%

Unnamed procedure/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (interpolated) = 0.756 mW/g

Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.2 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 0.977 W/kg
SAR(1 g) = 0.687 mW/g
Maximum value of SAR (measured) = 0.733 mW/g



0 dB = 0.733mW/g

Date/Time: 11/25/04 13:45:36

Test Laboratory: ESTECH

LG-MX4170 - CH 799 BODY SAR

DUT: LG-MX4170; Type: Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA); Serial: NONE

Communication System: AMPS 835; Frequency: 849.97 MHz;Duty Cycle: 1:1
Medium: M900 Medium parameters used (interpolated): f = 849.97 MHz; σ = 0.977 mho/m; ε_r = 54.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

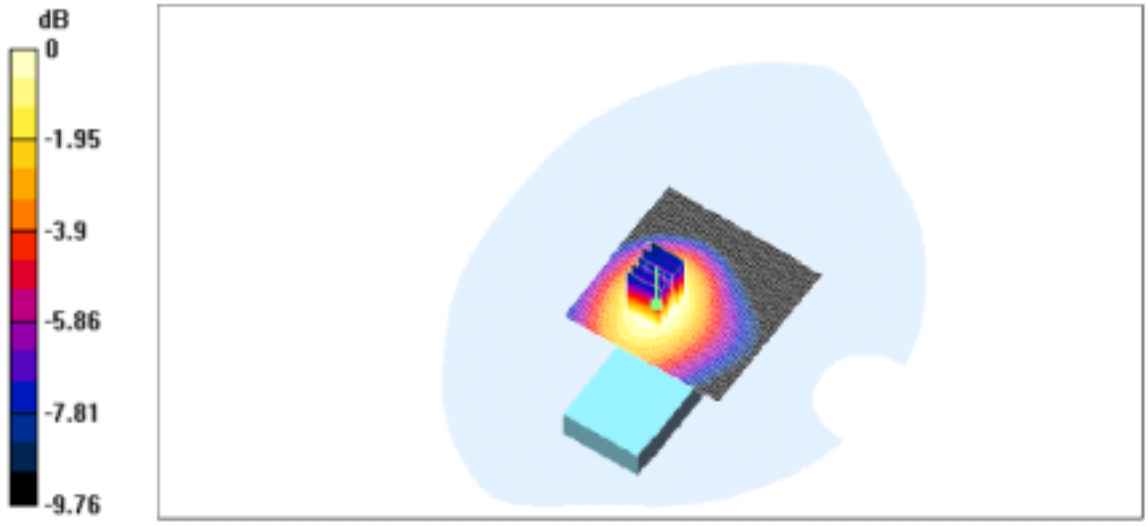
DASY4 Configuration:

- Probe: ET3DV6 - SN1748; ConvF(6.22, 6.22, 6.22); Calibrated: 2004-03-23
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123
- Temperature : 23℃ ; Humidity : 30%

Unnamed procedure/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (interpolated) = 0.576 mW/g

Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.8 V/m; Power Drift = 0.0 dB
Peak SAR (extrapolated) = 0.709 W/kg
SAR(1 g) = 0.508 mW/g
Maximum value of SAR (measured) = 0.546 mW/g



0 dB = 0.546mW/g

Date/Time: 11/25/04 14:08:25

Test Laboratory: ESTECH

LG-MX4170 - CH 383 BODY SAR-Z SCAN

DUT: LG-MX4170; Type: Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA); Serial: NONE

Communication System: AMPS 835; Frequency: 836.49 MHz;Duty Cycle: 1:1
Medium: M900 Medium parameters used (interpolated): f = 836.49 MHz; σ = 0.967 mho/m; ε_r = 55; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1748; ConvF(6.22, 6.22, 6.22); Calibrated: 2004-03-23
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn551; Calibrated: 2004-04-28
- Phantom: SAM 835MHz; Type: SAM 835MHz; Serial: TP-1262
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123
- Temperature : 23℃ ; Humidity : 30%

Unnamed procedure/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (interpolated) = 0.802 mW/g

Unnamed procedure/Z Scan (1x1x16): Measurement grid: dx=20mm, dy=20mm, dz=20mm

Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (interpolated) = 0.380 mW/g