

Test Laboratory: Compliance Certification Services

Head - LHS

DUT: VoIP phone; Type: N/A; Serial: Project No: 07U10908

Communication System: 5500 band; Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 5.21$ mho/m; $\epsilon_r = 35.6$; $\rho = 1000$ kg/m³
Phantom section: Left Section

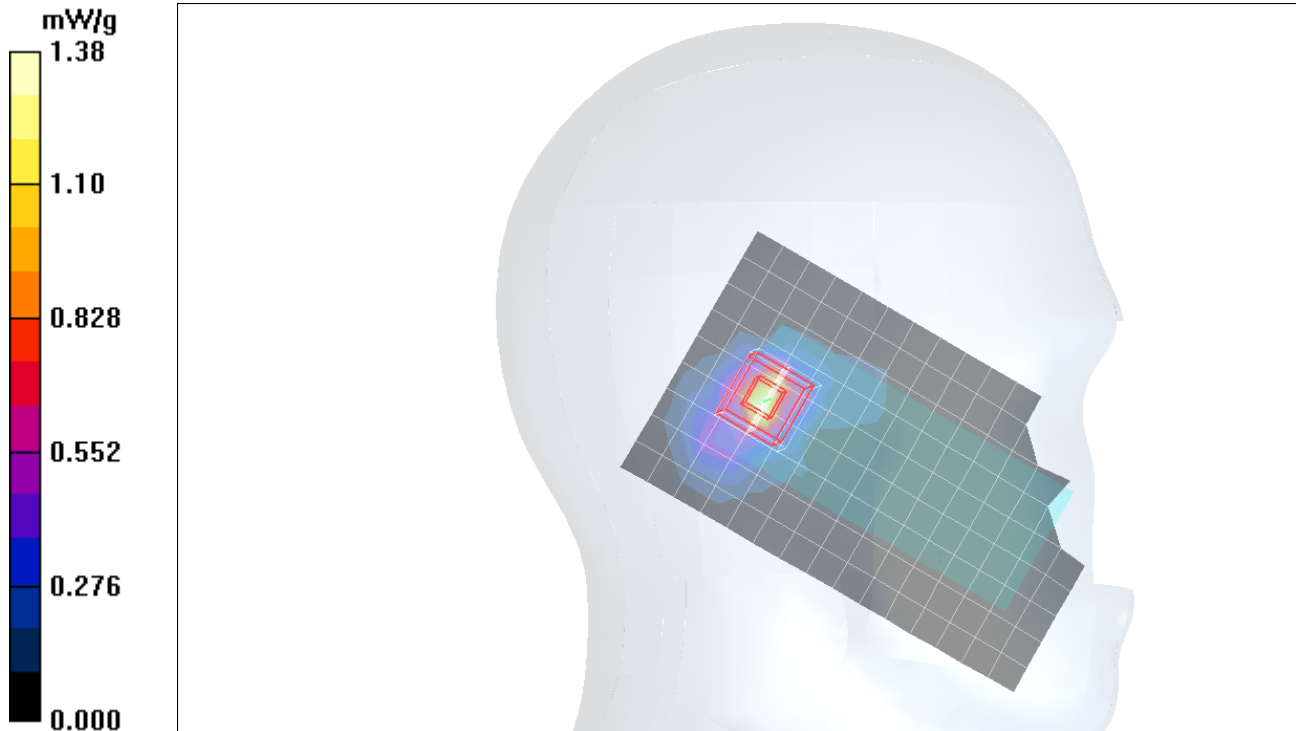
Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(4.12, 4.12, 4.12); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch - 802.11a - M ch/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.38 mW/g

Touch - 802.11a - M ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 17.8 V/m; Power Drift = -0.069 dB
Peak SAR (extrapolated) = 3.16 W/kg
SAR(1 g) = 0.743 mW/g; SAR(10 g) = 0.225 mW/g
Maximum value of SAR (measured) = 1.52 mW/g



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Phantom section: Left Section

Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(4.12, 4.12, 4.12); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt - 802.11a - M ch/Area Scan (10x8x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.39 mW/g

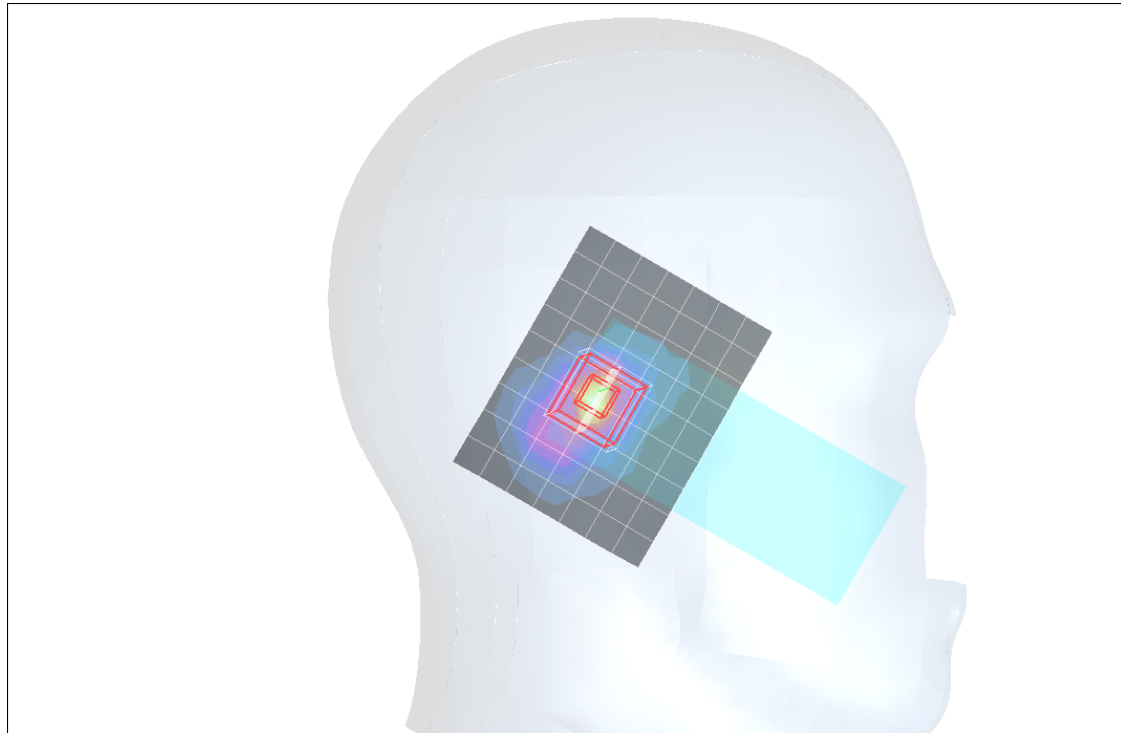
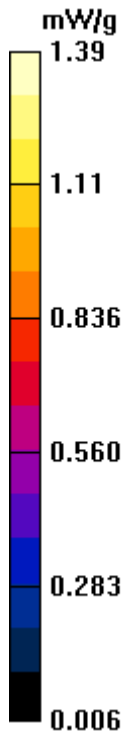
Tilt - 802.11a - M ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 16.8 V/m; Power Drift = 0.039 dB

Peak SAR (extrapolated) = 2.92 W/kg

SAR(1 g) = 0.700 mW/g; SAR(10 g) = 0.221 mW/g

Maximum value of SAR (measured) = 1.40 mW/g



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Head - RHS

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Medium parameters used: $f = 5600$ MHz; $\sigma = 5.21$ mho/m; $\epsilon_r = 35.6$; $\rho = 1000$ kg/m³
Phantom section: Right Section

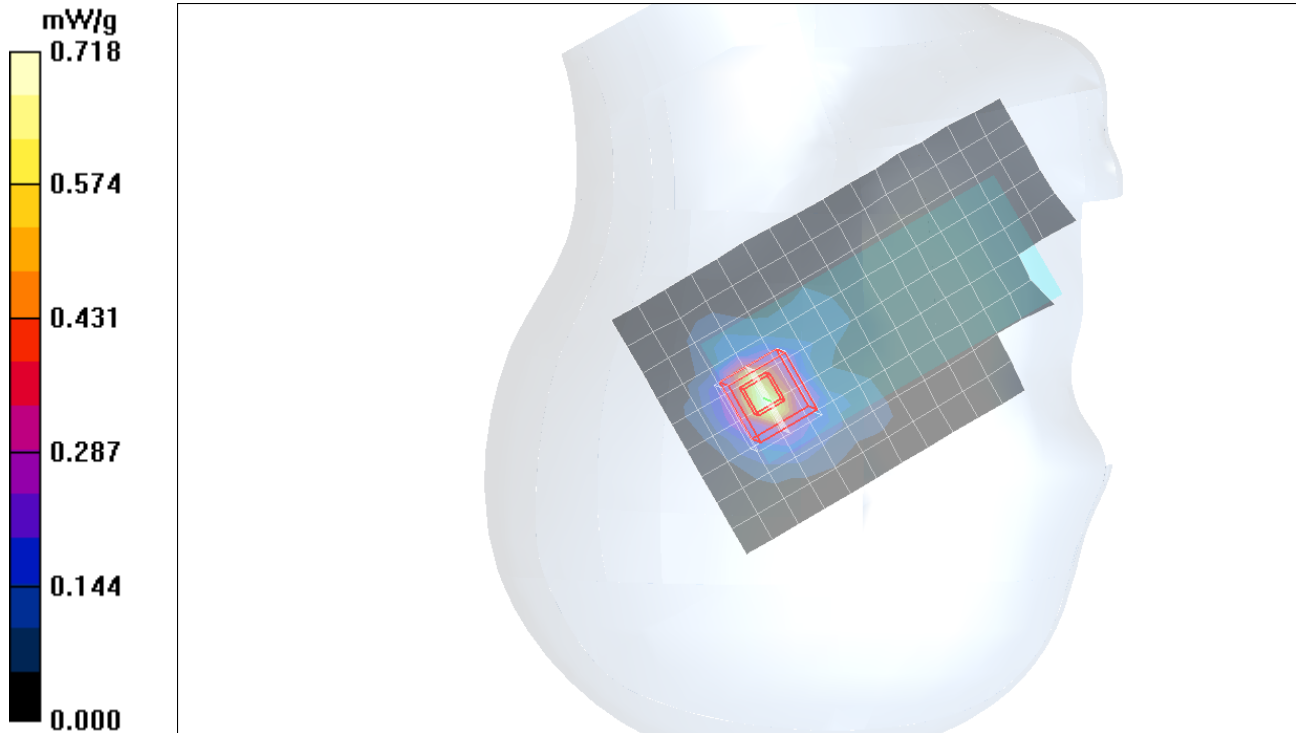
Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(4.12, 4.12, 4.12); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch - 802.11a - M ch/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.718 mW/g

Touch - 802.11a - M ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 17.9 V/m; Power Drift = 0.091 dB
Peak SAR (extrapolated) = 3.27 W/kg
SAR(1 g) = 0.767 mW/g; SAR(10 g) = 0.237 mW/g
Maximum value of SAR (measured) = 1.55 mW/g



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Phantom section: Right Section

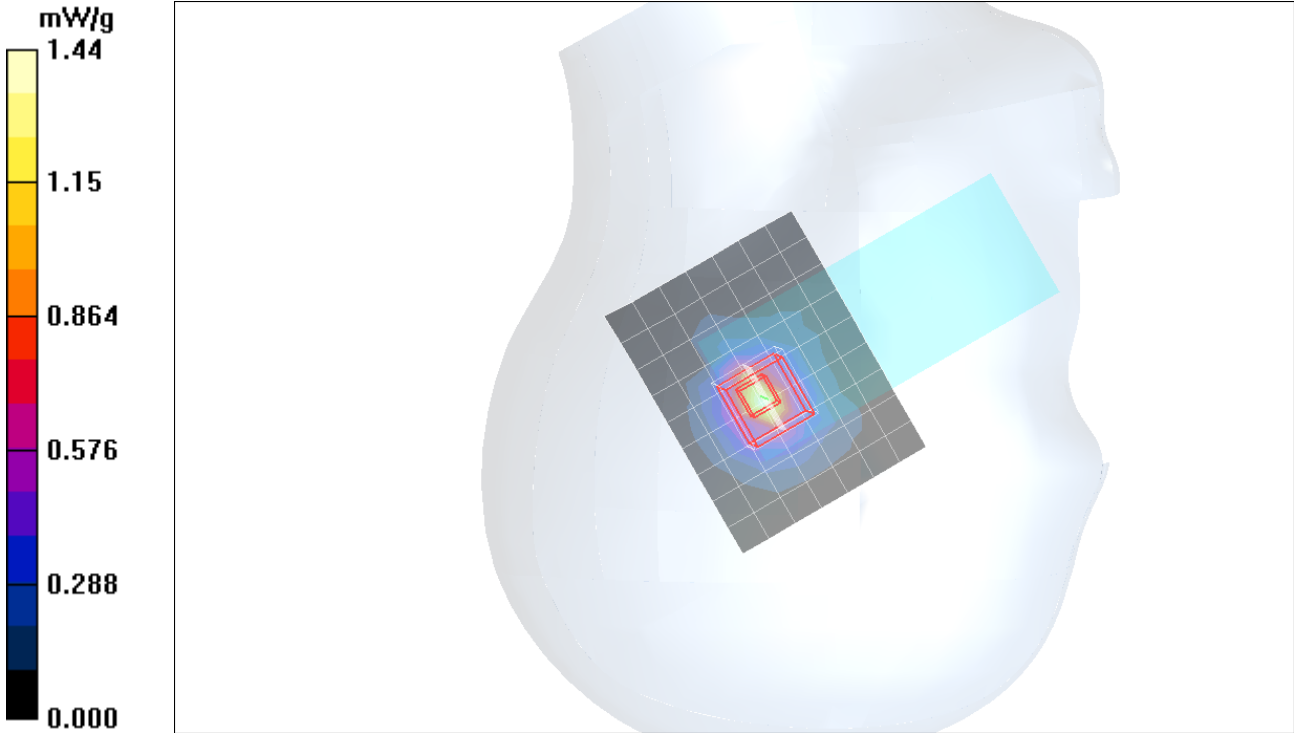
Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(4.12, 4.12, 4.12); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt - 802.11a - M ch/Area Scan (10x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.44 mW/g

Tilt - 802.11a - M ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 17.4 V/m; Power Drift = 0.092 dB
Peak SAR (extrapolated) = 3.05 W/kg
SAR(1 g) = 0.740 mW/g; SAR(10 g) = 0.238 mW/g
Maximum value of SAR (measured) = 1.47 mW/g



Test Laboratory: Compliance Certification Services

Held To Face

DUT: VoIP phone; Type: N/A; Serial: Project No: 07U10908

Communication System: 5500 band; Frequency: 5600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.21$ mho/m; $\epsilon_r = 35.6$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

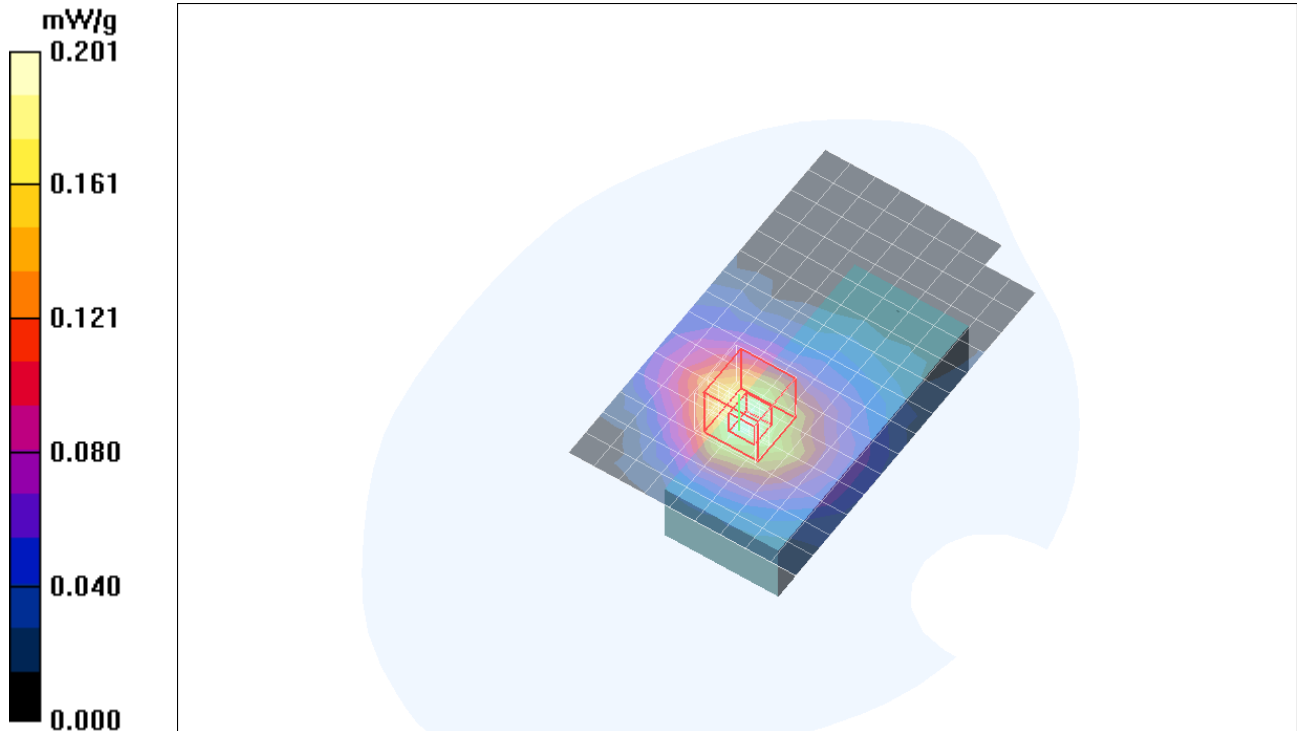
Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and witha peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(4.12, 4.12, 4.12); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

LCD Up - M ch/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 0.201 mW/g

LCD Up - M ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 5.67 V/m; Power Drift = -0.054 dB
 Peak SAR (extrapolated) = 0.403 W/kg
SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.043 mW/g
 Maximum value of SAR (measured) = 0.196 mW/g



Test Laboratory: Compliance Certification Services

Held To Face

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Medium parameters used: $f = 5600$ MHz; $\sigma = 5.21$ mho/m; $\epsilon_r = 35.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(4.12, 4.12, 4.12); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

LCD Down - M ch/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm

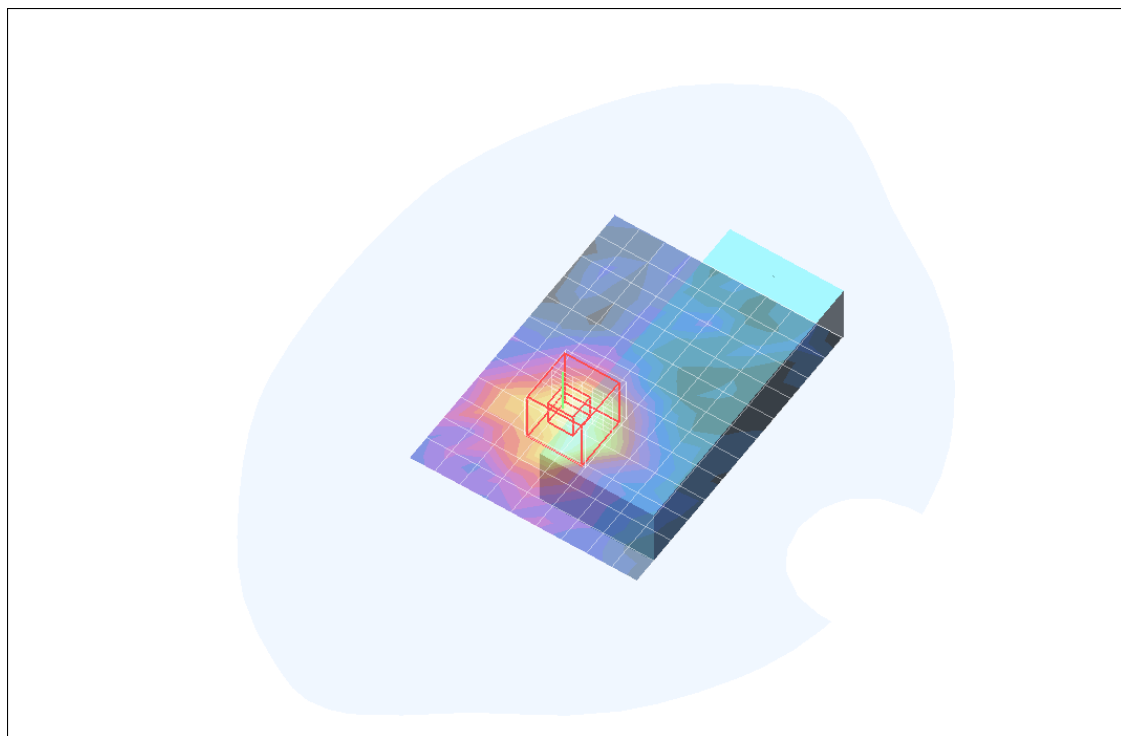
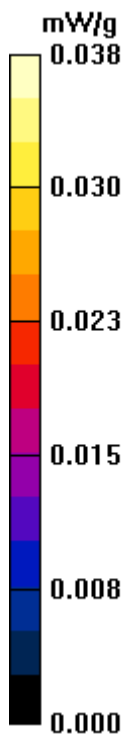
Maximum value of SAR (measured) = 0.038 mW/g

LCD Down - M ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.39 V/m; Power Drift = -0.115 dB

Peak SAR (extrapolated) = 0.100 W/kg

SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00689 mW/g



Test Laboratory: Compliance Certification Services

Body Worn - with Lanyard

DUT: VoIP phone; Type: N/A; Serial: Project No: 07U10908

Communication System: 5500 band; Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5500$ MHz; $\sigma = 5.68$ mho/m; $\epsilon_r = 48.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

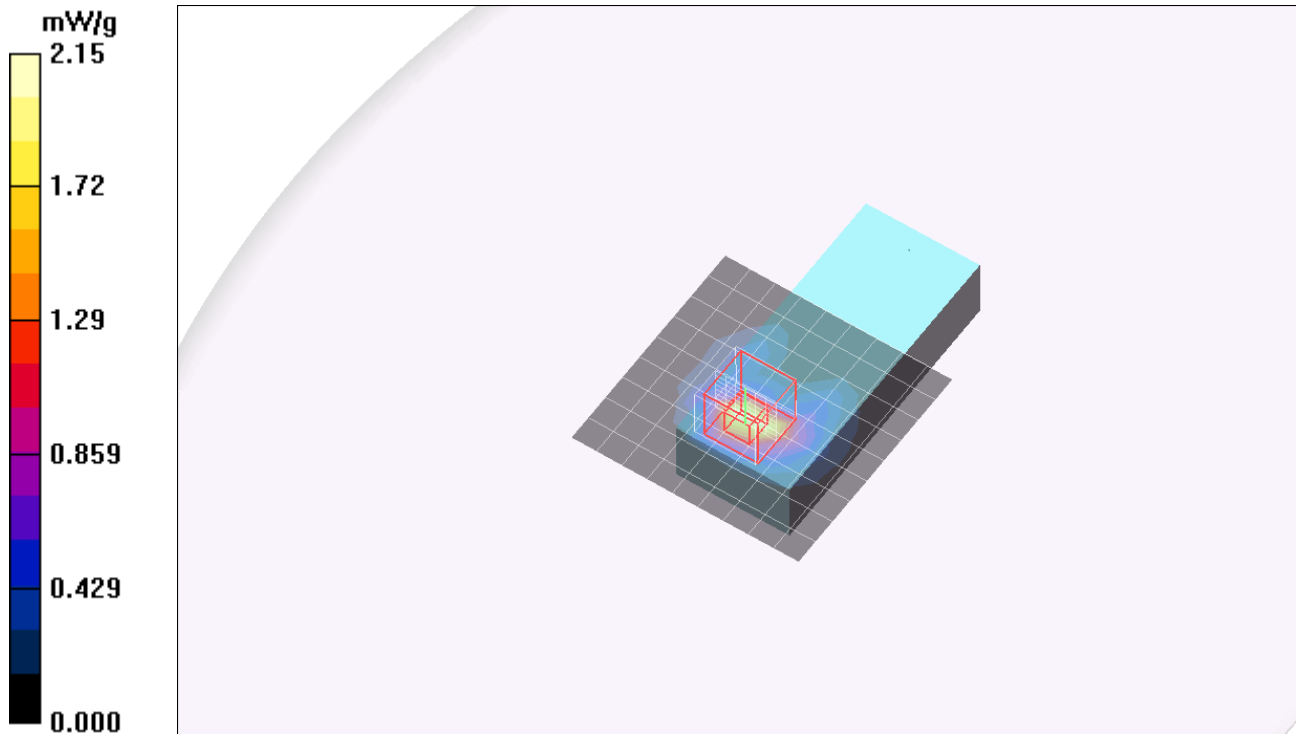
Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(3.69, 3.69, 3.69); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

LCD Up - 802.11a - L ch/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.15 mW/g

LCD Up - 802.11a - L ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 10.6 V/m; Power Drift = 0.156 dB
Peak SAR (extrapolated) = 6.20 W/kg
SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.394 mW/g
Maximum value of SAR (measured) = 2.89 mW/g



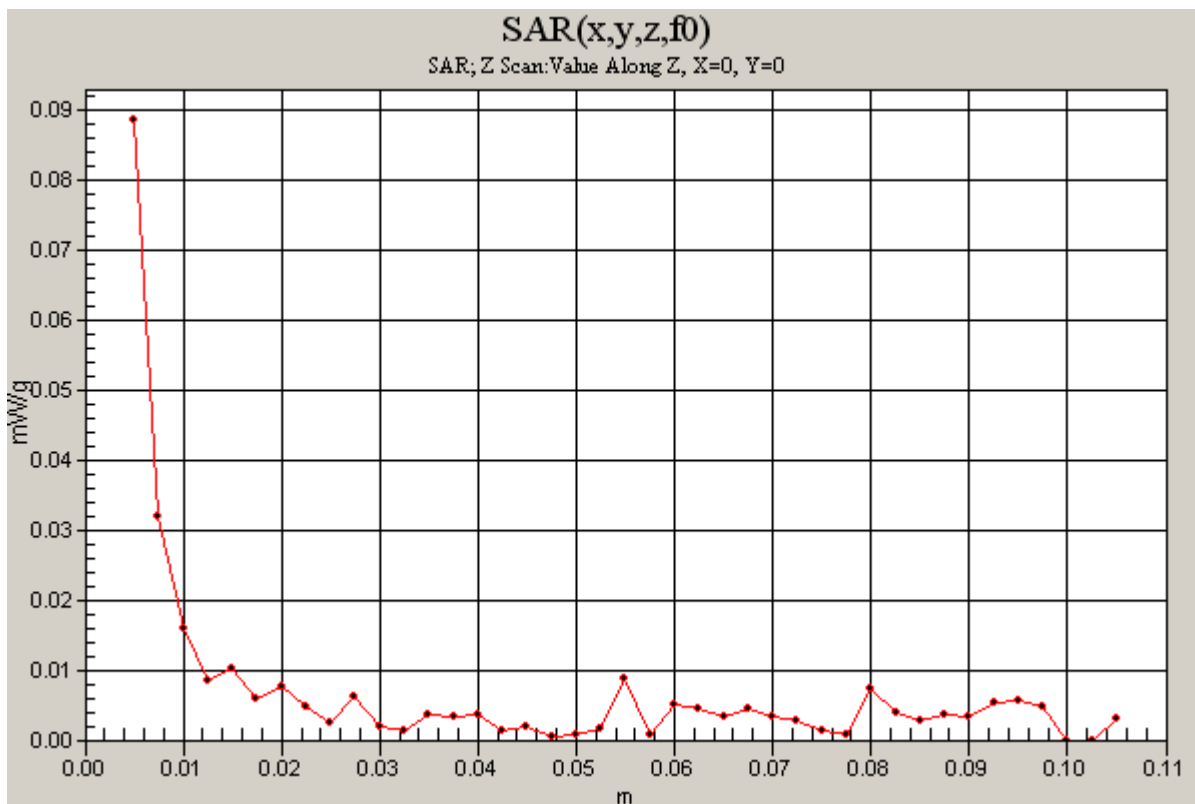
Test Laboratory: Compliance Certification Services

Body Worn - with Lanyard

DUT: VoIP phone; Type: N/A; Serial: Project No: 07U10908

Communication System: 5500 band; Frequency: 5500 MHz; Duty Cycle: 1:1

LCD Up - 802.11a - L ch/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm
Maximum value of SAR (measured) = 0.089 mW/g



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Body Worn - with Lanyard

DUT: VoIP phone; Type: N/A; Serial: Project No: 07U10908

Communication System: 5500 band; Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 5.82$ mho/m; $\epsilon_r = 47.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(3.69, 3.69, 3.69); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

LCD Up - 802.11a - M ch/Area Scan (9x9x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.87 mW/g

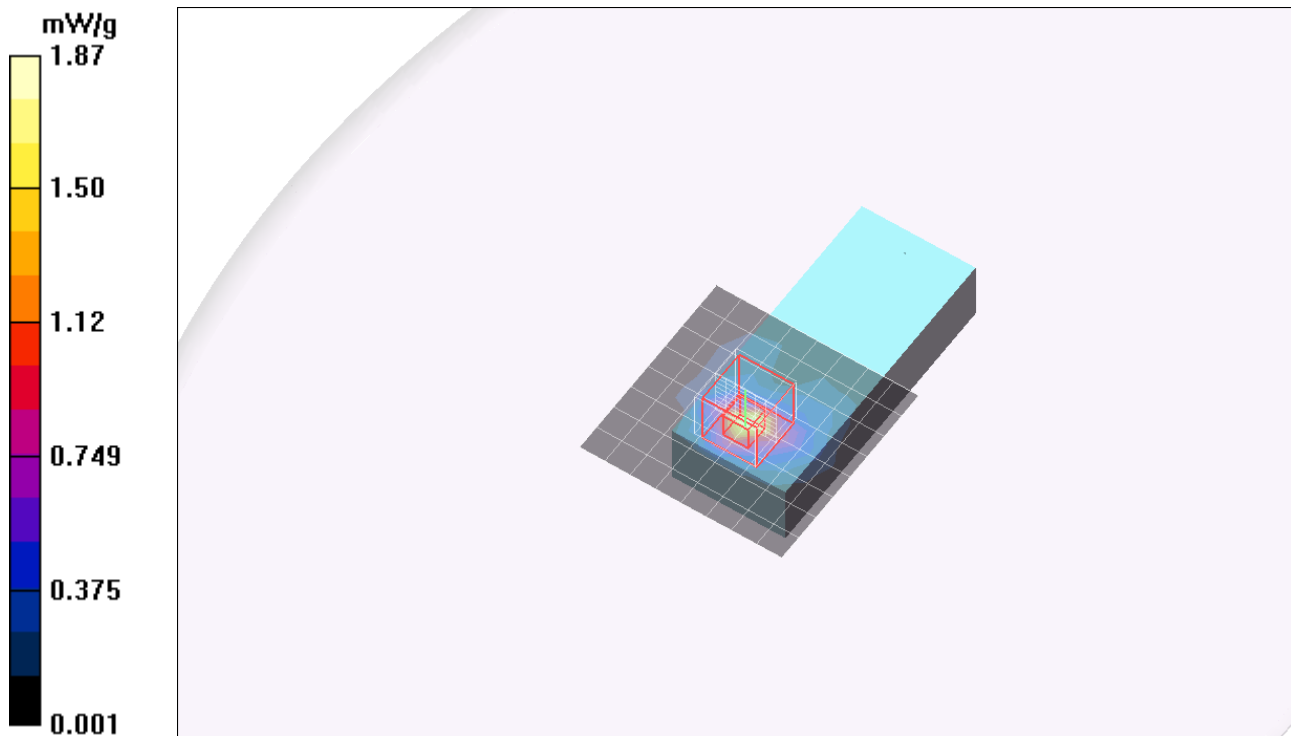
LCD Up - 802.11a - M ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.95 V/m; Power Drift = 0.163 dB

Peak SAR (extrapolated) = 4.77 W/kg

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.292 mW/g

Maximum value of SAR (measured) = 2.14 mW/g



Test Laboratory: Compliance Certification Services

Body Worn - with Lanyard

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Communication System: 5500 band; Frequency: 5700 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5700$ MHz; $\sigma = 5.95$ mho/m; $\epsilon_r = 47.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

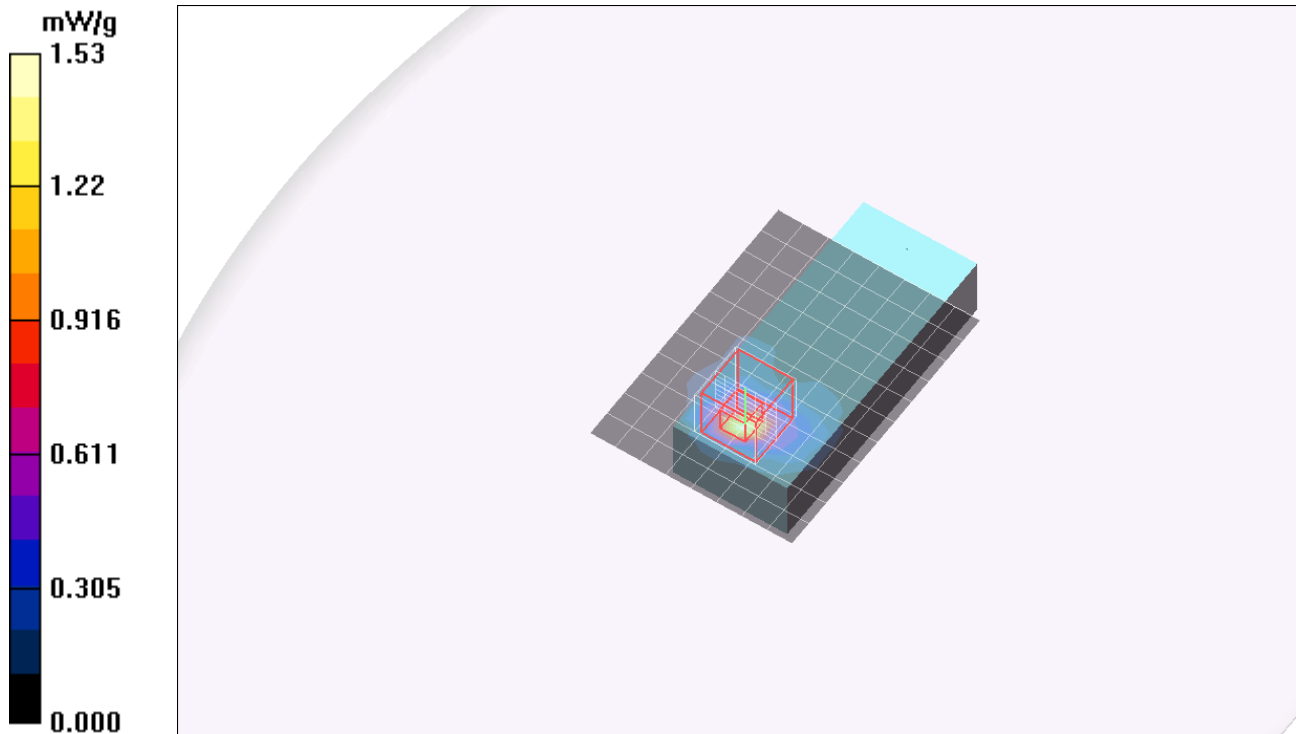
Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(3.76, 3.76, 3.76); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

LCD Up - 802.11a - H ch/Area Scan (9x12x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.53 mW/g

LCD Up - 802.11a - H ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 7.38 V/m; Power Drift = 0.176 dB
Peak SAR (extrapolated) = 3.78 W/kg
SAR(1 g) = 0.741 mW/g; SAR(10 g) = 0.204 mW/g
Maximum value of SAR (measured) = 1.62 mW/g



Test Laboratory: Compliance Certification Services

Body Worn - with Lanyard

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Communication System: 5500 band; Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 5.82$ mho/m; $\epsilon_r = 47.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

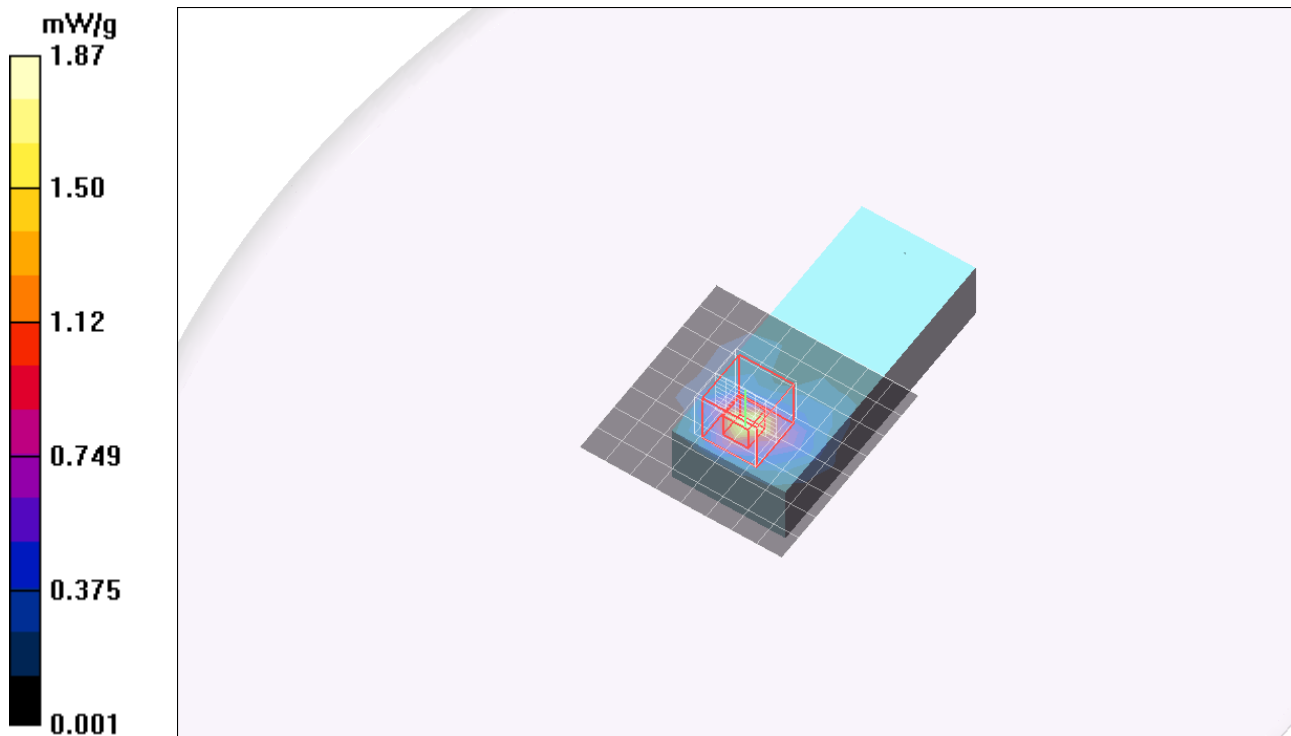
Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(3.69, 3.69, 3.69); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

LCD Down - 802.11a - M ch/Area Scan (8x15x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.184 mW/g

LCD Down - 802.11a - M ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.43 V/m; Power Drift = -0.112 dB
Peak SAR (extrapolated) = 0.361 W/kg
SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.038 mW/g
Maximum value of SAR (measured) = 0.190 mW/g



Test Laboratory: Compliance Certification Services

Body Worn - With Holster

DUT: VoIP phone; Type: N/A; Serial: Project No: 07U10908

Communication System: 5500 band; Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 5.82$ mho/m; $\epsilon_r = 47.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(3.69, 3.69, 3.69); Calibrated: 5/30/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

LCD up - 802.11a - M ch/Area Scan (10x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.447 mW/g

LCD up - 802.11a - M ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.01 V/m; Power Drift = 0.135 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.256 mW/g; SAR(10 g) = 0.100 mW/g
Maximum value of SAR (measured) = 0.499 mW/g

