Test Laboratory: Compliance Certification Services Inc. Date: 7/5/2015
GSM 850-Right Head Cheek Middle CH190
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.911 S/m; ε_r = 42.623; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.3, 9.3, 9.3); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

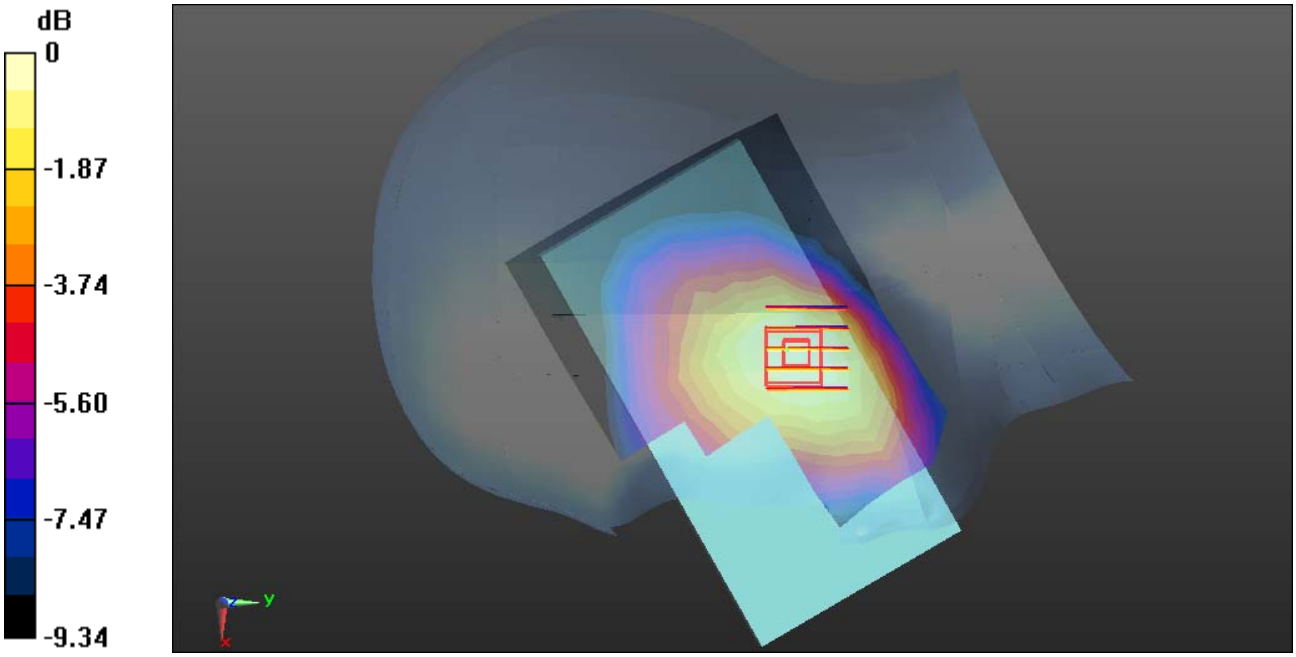
GSM 850/Cheek Middle CH190/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0696 W/kg

GSM 850/Cheek Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.698 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.0780 W/kg
SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.050 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0717 W/kg



0 dB = 0.0717 W/kg = -11.44 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/5/2015
GSM 850-Right Head Tilted Middle CH190
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.911 S/m; ε_r = 42.623; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

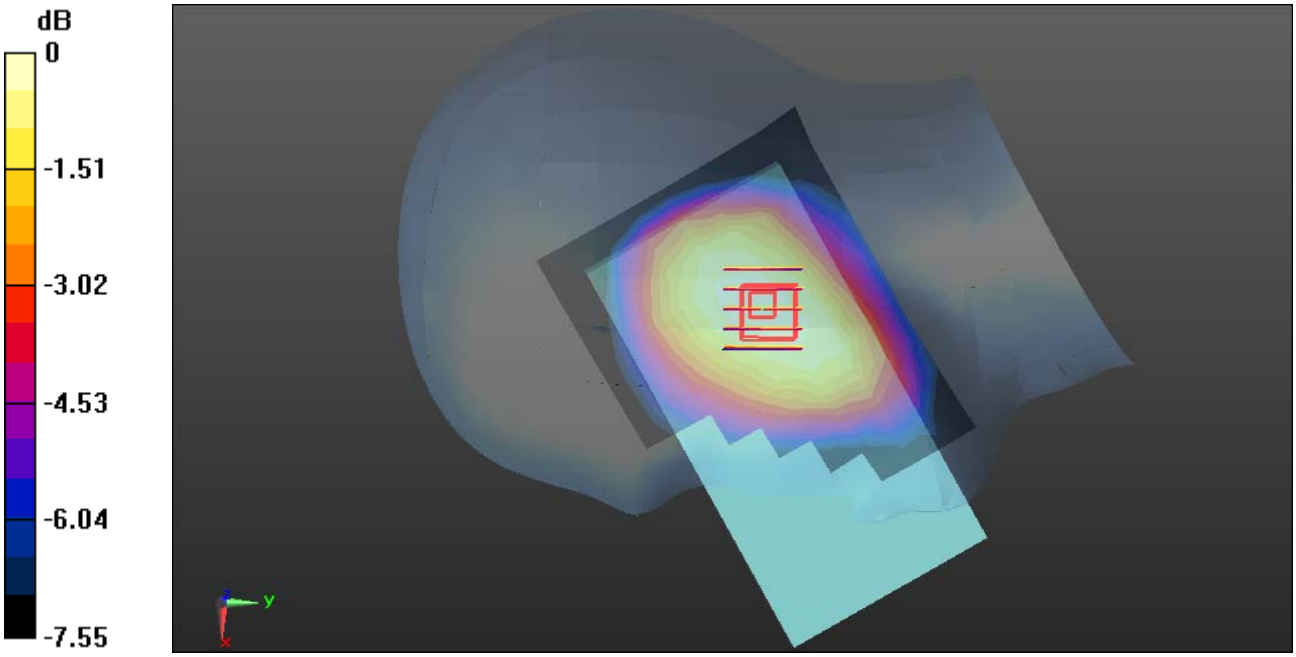
- Probe: EX3DV4 - SN3798; ConvF(9.3, 9.3, 9.3); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GSM 850/Tilted Middle CH190/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0352 W/kg

GSM 850/Tilted Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.584 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.0390 W/kg
SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.025 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0353 W/kg



0 dB = 0.0353 W/kg = -14.52 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/5/2015
GSM 850-Left Head Cheek Middle CH190
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.911 S/m; ε_r = 42.623; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

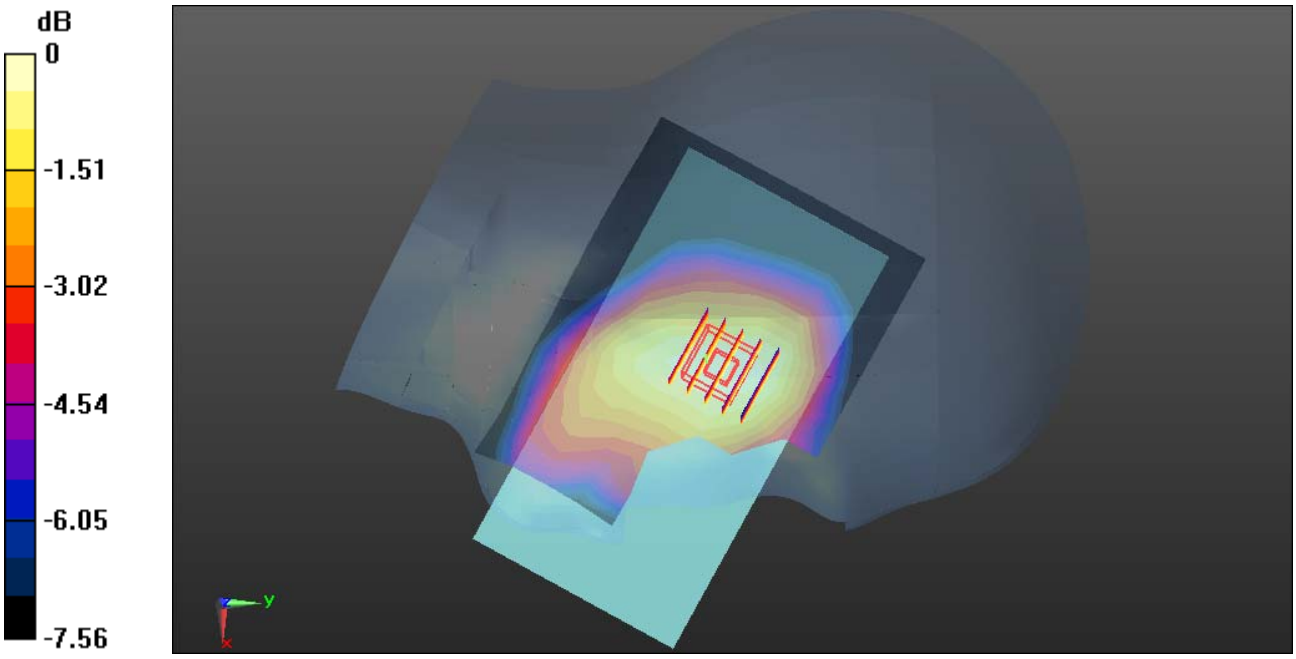
- Probe: EX3DV4 - SN3798; ConvF(9.3, 9.3, 9.3); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GSM 850/Cheek Middle CH190/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0544 W/kg

GSM 850/Cheek Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.964 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.0590 W/kg
SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.040 W/kg

Info: Interpolated medium parameters used for SAR evaluation.



0 dB = 0.0544 W/kg = -12.64 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/5/2015
GSM 850-Left Head Tilted Middle CH190
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.911 S/m; ε_r = 42.623; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

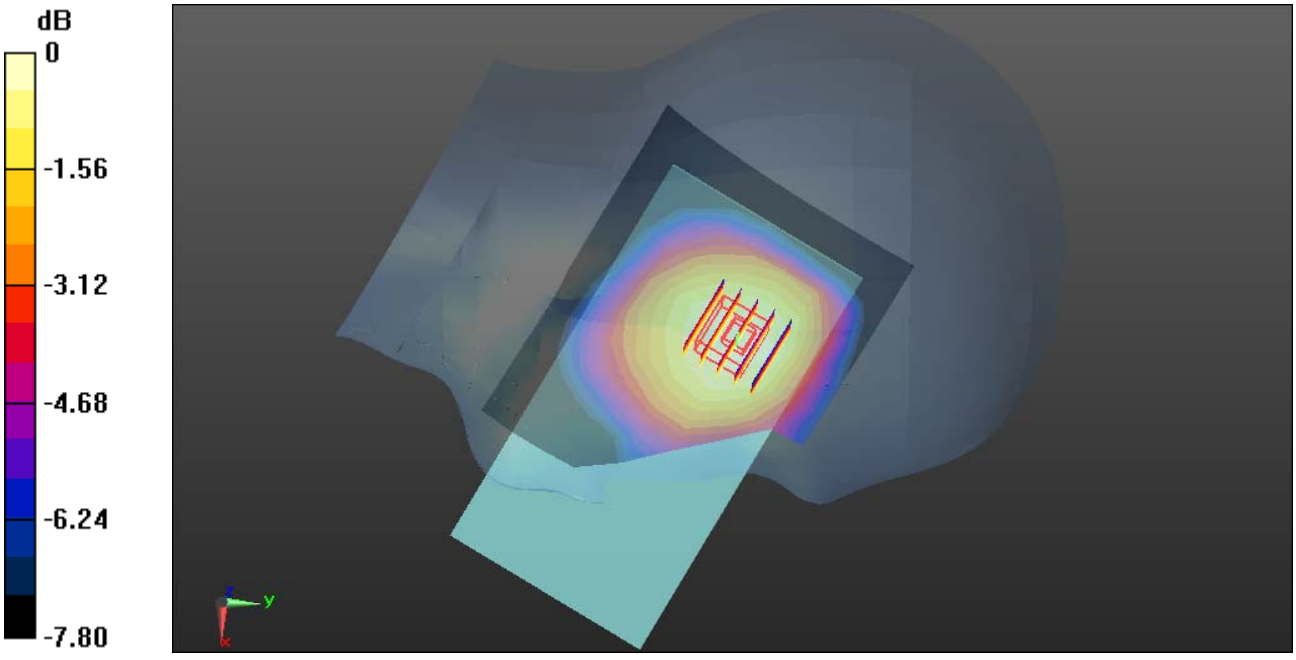
- Probe: EX3DV4 - SN3798; ConvF(9.3, 9.3, 9.3); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GSM 850/Tilted Middle CH190/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0381 W/kg

GSM 850/Tilted Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.283 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.0410 W/kg
SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.028 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0382 W/kg



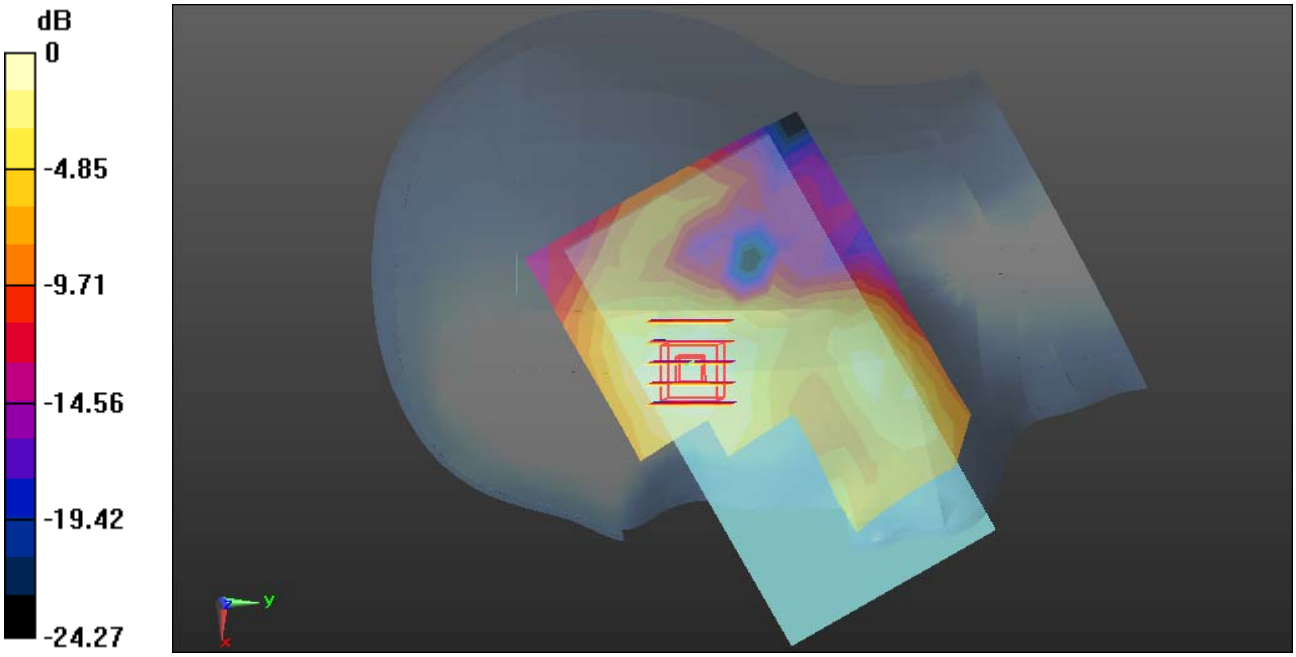
0 dB = 0.0382 W/kg = -14.18 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/5/2015
GSM 1900-Right Head Cheek High CH810
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, Generic GSM (0); Communication System Band: GSM1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1910 MHz; σ = 1.404 S/m; ε_r = 40.753; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.75, 7.75, 7.75); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GSM 1900/Cheek High CH810/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0545 W/kg

GSM 1900/Cheek High CH810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.308 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.0740 W/kg
SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.023 W/kg
Maximum value of SAR (measured) = 0.0570 W/kg



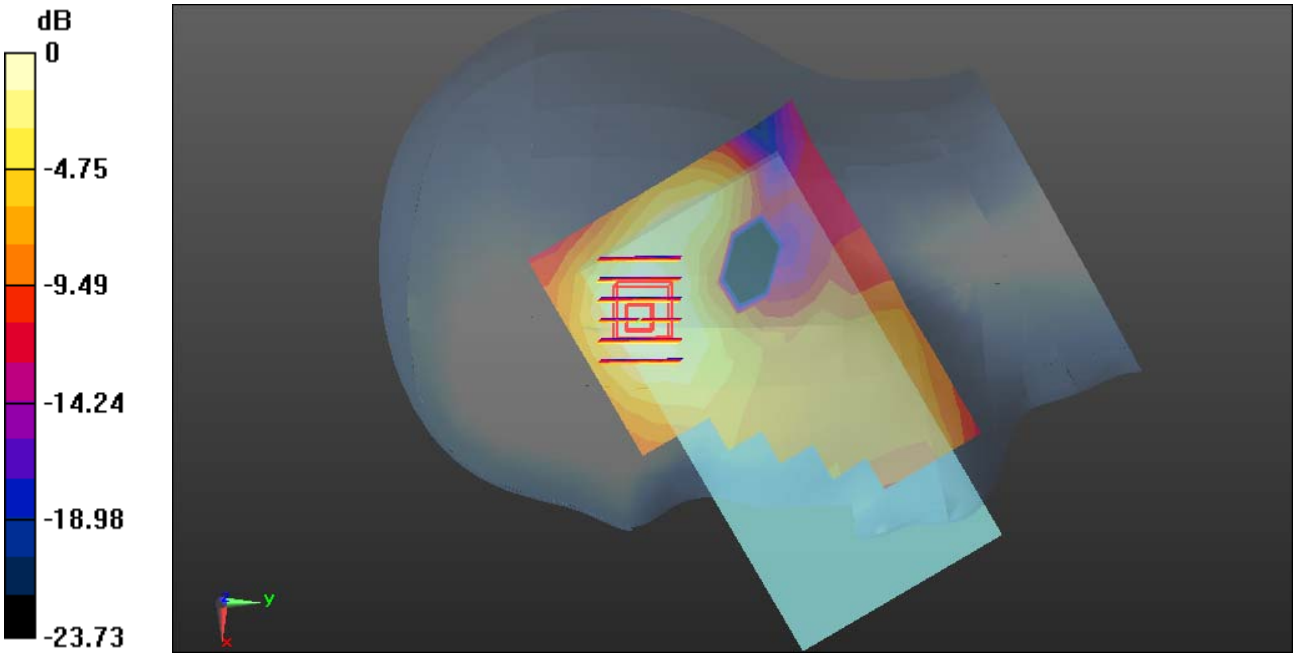
0 dB = 0.0570 W/kg = -12.44 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/5/2015
GSM 1900-Right Head Tilted High CH810
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, Generic GSM (0); Communication System Band: GSM1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1910 MHz; σ = 1.404 S/m; ε_r = 40.753; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.75, 7.75, 7.75); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GSM 1900/Tilted High CH810/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0330 W/kg

GSM 1900/Tilted High CH810/Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.842 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.0470 W/kg
SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.014 W/kg
Maximum value of SAR (measured) = 0.0348 W/kg



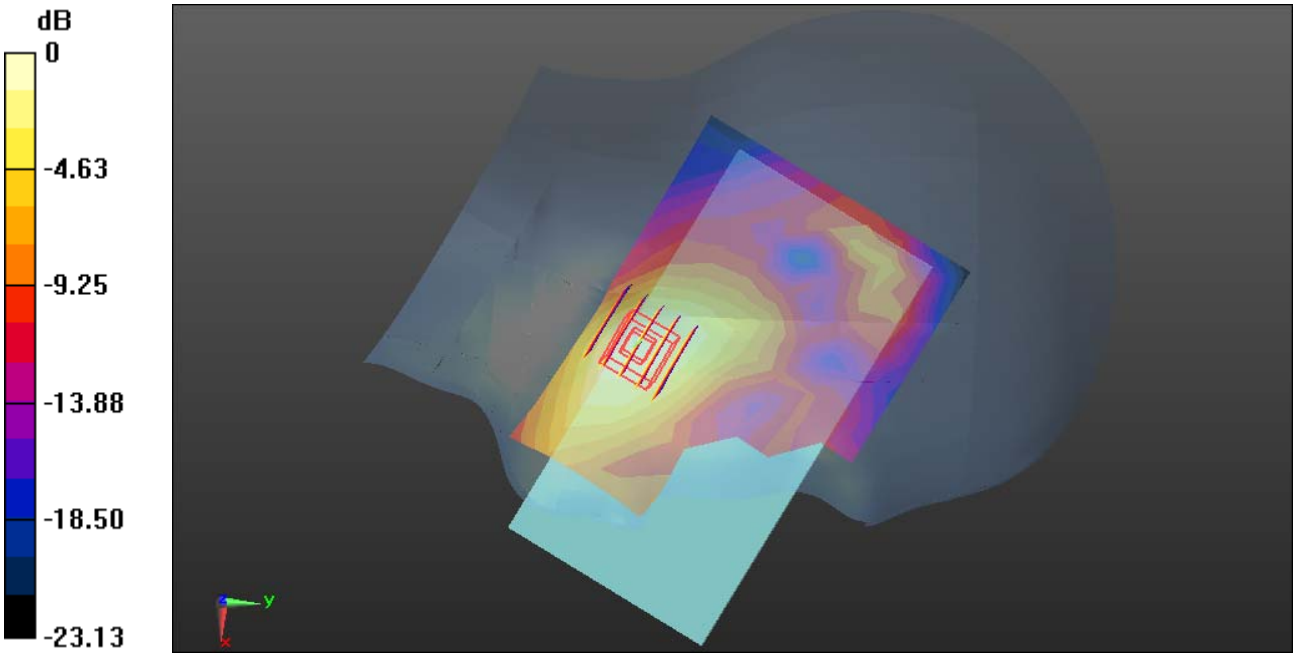
0 dB = 0.0348 W/kg = -14.58 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/5/2015
GSM 1900-Left Head Cheek High CH810
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, Generic GSM (0); Communication System Band: GSM1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1910 MHz; σ = 1.404 S/m; ε_r = 40.753; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.75, 7.75, 7.75); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GSM 1900/Cheek High CH810/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.105 W/kg

GSM 1900/Cheek High CH810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.195 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.151 W/kg
SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.046 W/kg
Maximum value of SAR (measured) = 0.117 W/kg



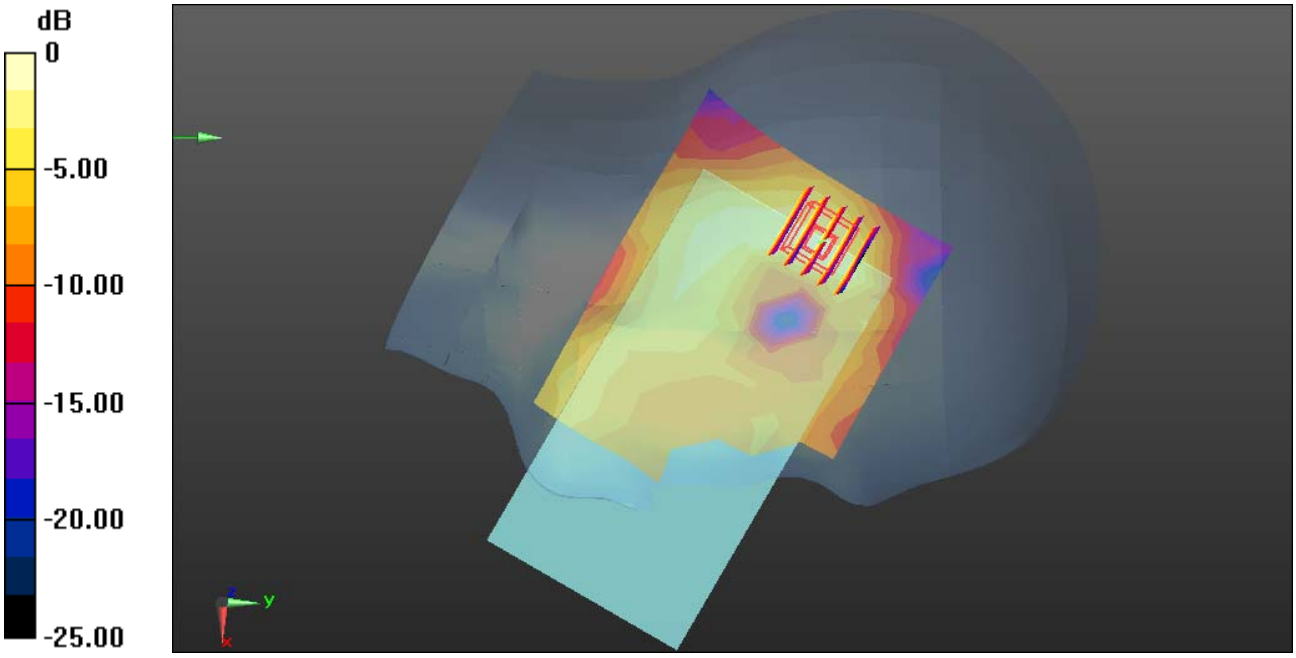
0 dB = 0.117 W/kg = -9.32 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/5/2015
GSM 1900-Left Head Tilted High CH810
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, Generic GSM (0); Communication System Band: GSM1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1910 MHz; σ = 1.404 S/m; ε_r = 40.753; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.75, 7.75, 7.75); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GSM 1900/Tilted High CH810/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0361 W/kg

GSM 1900/Tilted High CH810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.299 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.0540 W/kg
SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.013 W/kg
Maximum value of SAR (measured) = 0.0394 W/kg



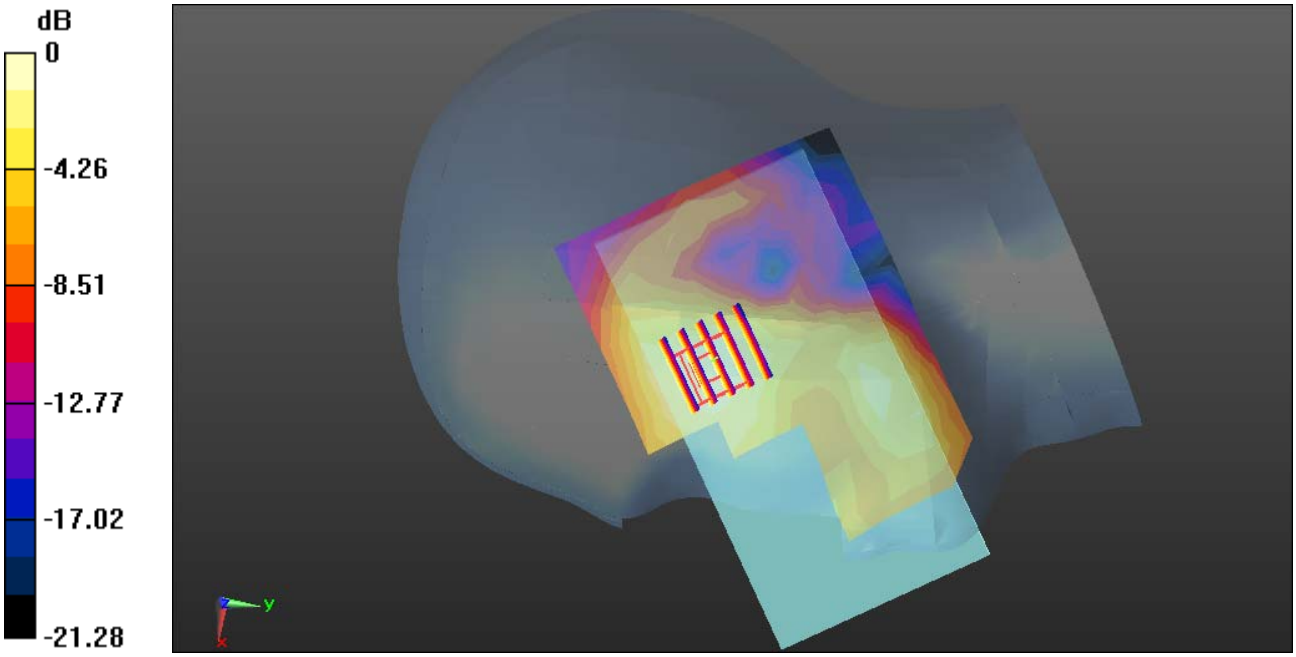
0 dB = 0.0394 W/kg = -14.05 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/5/2015
WCDMA Band II-Right Head Cheek Middle CH9400
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.38 S/m; ε_r = 40.828; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.75, 7.75, 7.75); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Cheek Middle CH9400/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0989 W/kg

WCDMA Band II/Cheek Middle CH9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.394 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.135 W/kg
SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.044 W/kg
Maximum value of SAR (measured) = 0.105 W/kg



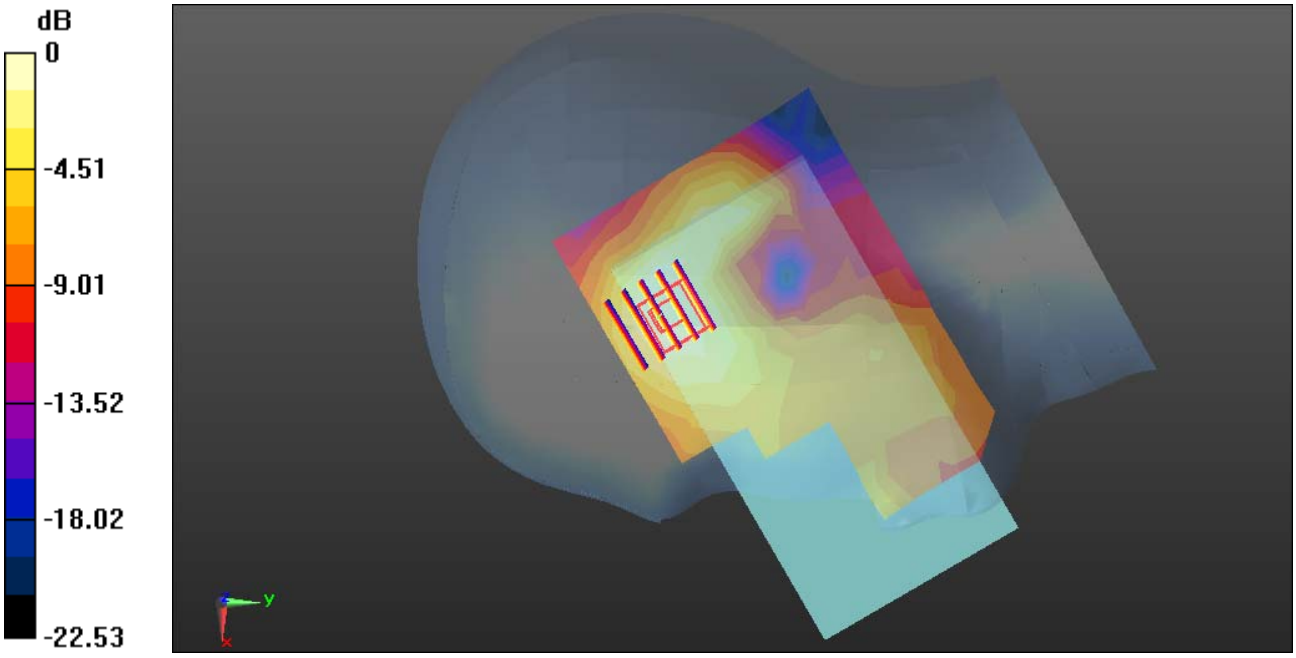
0 dB = 0.105 W/kg = -9.79 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/5/2015
WCDMA Band II-Right Head Tilted Middle CH9400
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.38 S/m; ε_r = 40.828; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.75, 7.75, 7.75); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Tilted Middle CH9400/Area Scan (9x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0611 W/kg

WCDMA Band II/Tilted Middle CH9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.514 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.0900 W/kg
SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.027 W/kg
Maximum value of SAR (measured) = 0.0671 W/kg



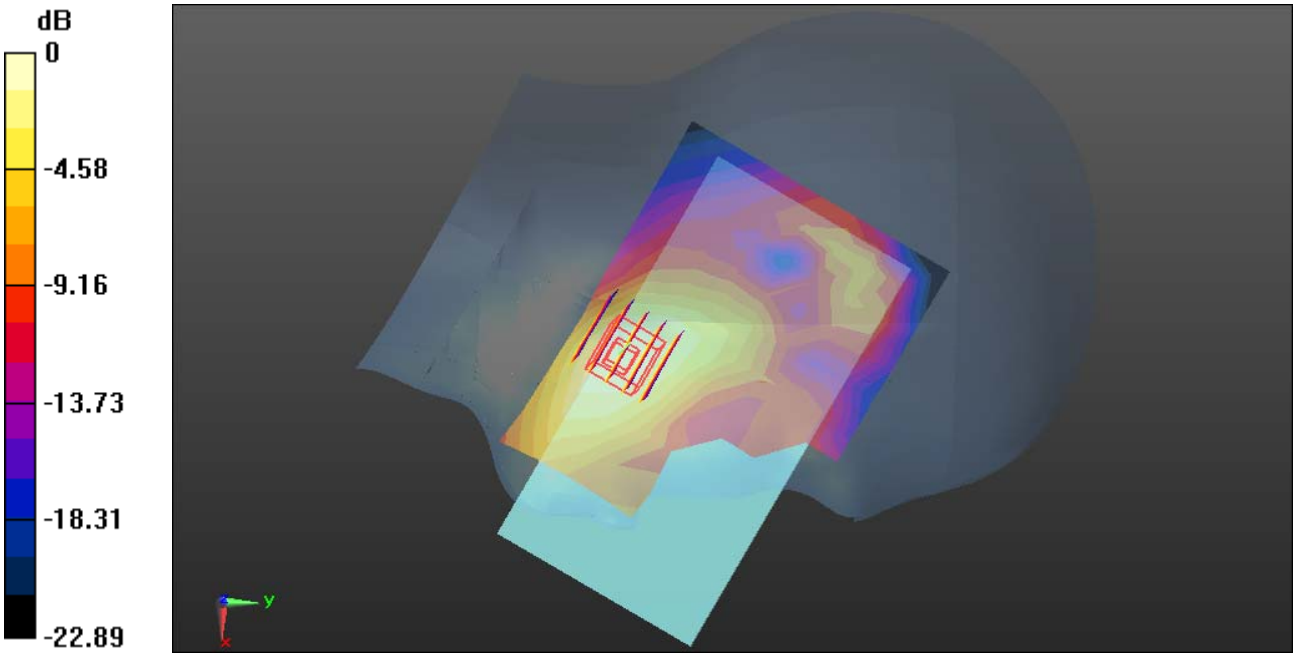
0 dB = 0.0671 W/kg = -11.73 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/5/2015
WCDMA Band II-Left Head Cheek Middle CH9400
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.38 S/m; ε_r = 40.828; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.75, 7.75, 7.75); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Cheek Middle CH9400/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.170 W/kg

WCDMA Band II/Cheek Middle CH9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.954 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.255 W/kg
SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.080 W/kg
Maximum value of SAR (measured) = 0.188 W/kg



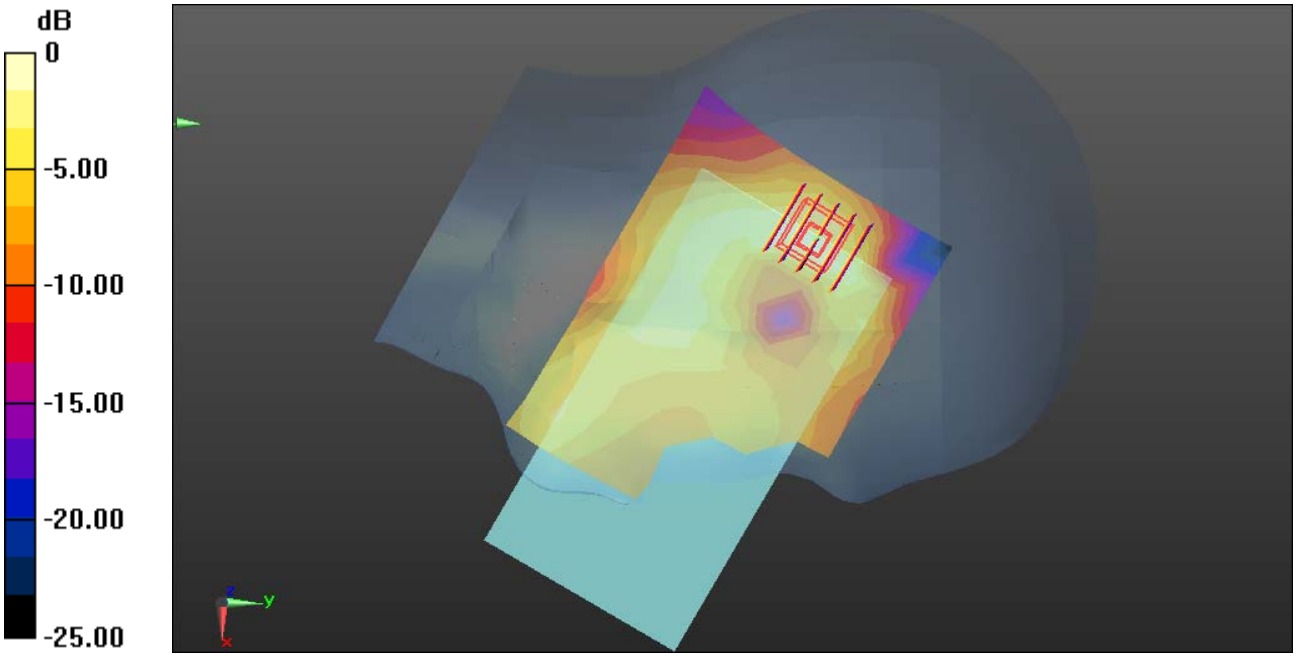
0 dB = 0.188 W/kg = -7.26 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/5/2015
WCDMA Band II-Left Head Tilted Middle CH9400
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.38 S/m; ε_r = 40.828; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.75, 7.75, 7.75); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Tilted Middle CH9400/Area Scan (9x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0569 W/kg

WCDMA Band II/Tilted Middle CH9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.262 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.0880 W/kg
SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.021 W/kg
Maximum value of SAR (measured) = 0.0640 W/kg



0 dB = 0.0640 W/kg = -11.94 dBW/kg

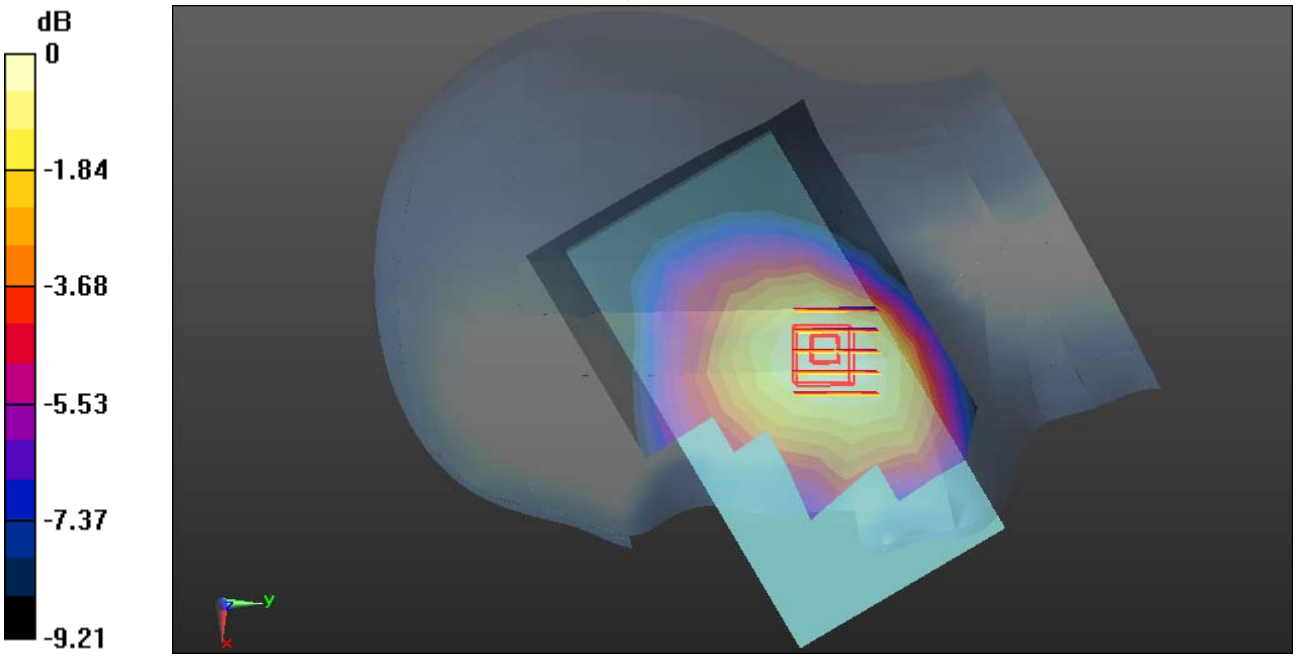
Test Laboratory: Compliance Certification Services Inc. Date: 7/5/2015
WCDMA Band V-Right Head Cheek Low CH4132
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band V; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 826.5 MHz; σ = 0.9 S/m; ε_r = 42.699; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.3, 9.3, 9.3); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band V/Cheek Low CH4132/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0506 W/kg

WCDMA Band V/Cheek Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.019 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.0560 W/kg
SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.036 W/kg

Maximum value of SAR (measured) = 0.0511 W/kg



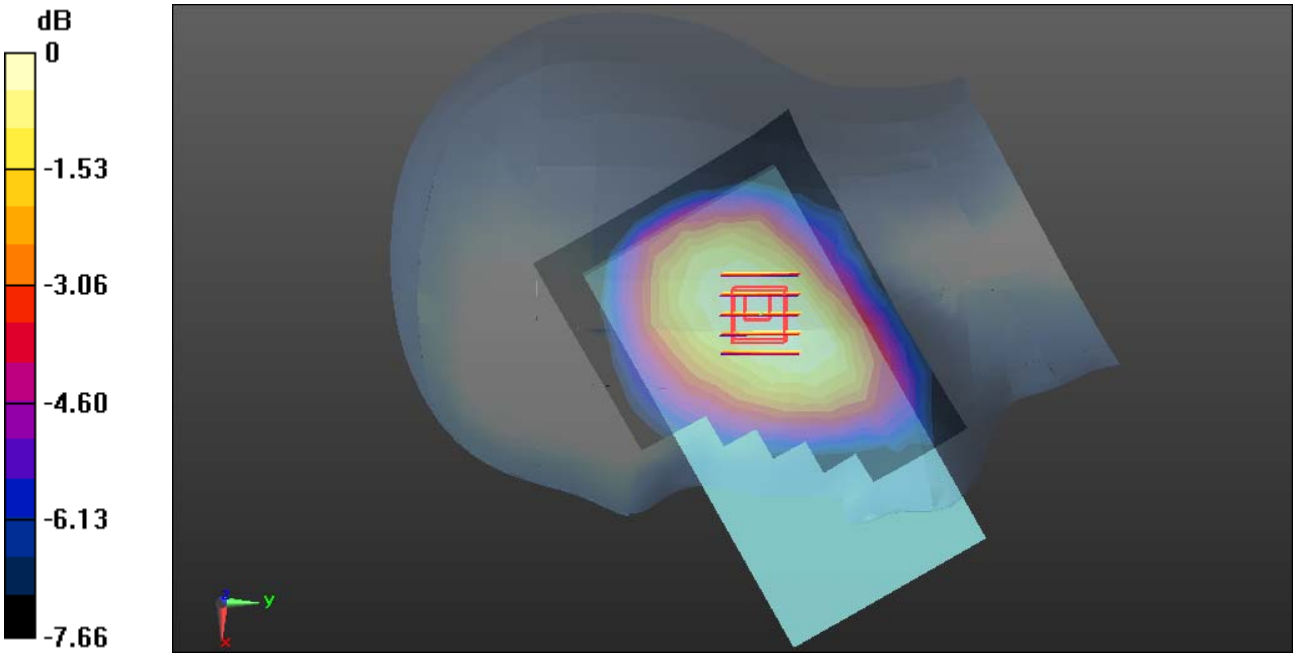
0 dB = 0.0511 W/kg = -12.92 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/5/2015
WCDMA Band V-Right Head Tilted Low CH4132
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band V; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 826.5 MHz; σ = 0.9 S/m; ε_r = 42.699; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.3, 9.3, 9.3); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band V/Tilted Low CH4132/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0276 W/kg

WCDMA Band V/Tilted Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.512 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.0300 W/kg
SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.020 W/kg
Maximum value of SAR (measured) = 0.0278 W/kg



0 dB = 0.0278 W/kg = -15.56 dBW/kg

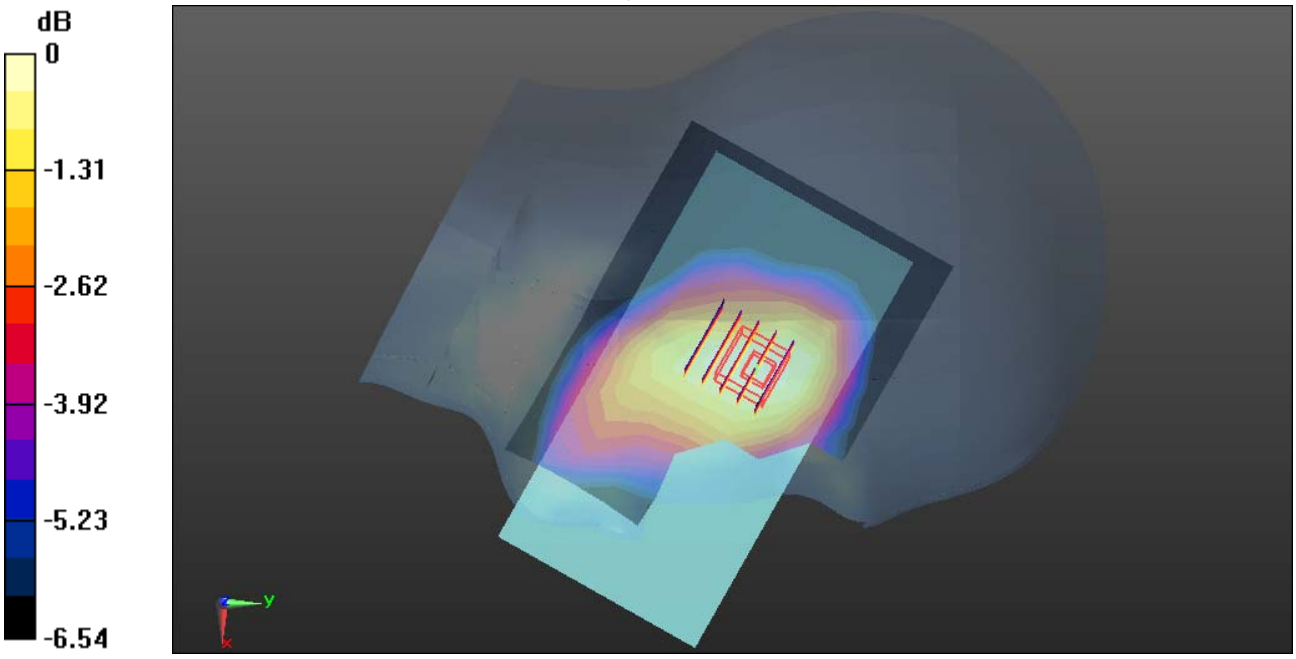
Test Laboratory: Compliance Certification Services Inc. Date: 7/5/2015
WCDMA Band V-Left Head Cheek Low CH4132
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band V; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 826.5 MHz; σ = 0.9 S/m; ε_r = 42.699; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.3, 9.3, 9.3); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band V/Cheek Low CH4132/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0398 W/kg

WCDMA Band V/Cheek Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.636 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.0430 W/kg
SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.029 W/kg

Maximum value of SAR (measured) = 0.0397 W/kg



0 dB = 0.0397 W/kg = -14.01 dBW/kg

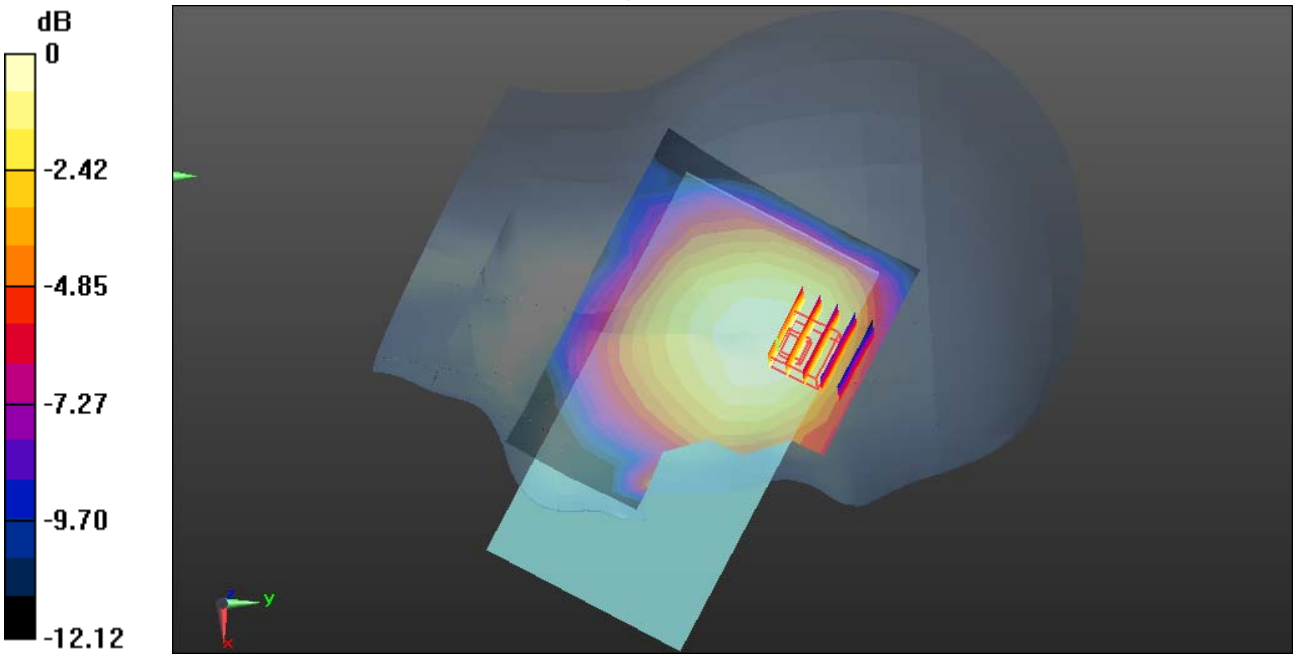
Test Laboratory: Compliance Certification Services Inc. Date: 7/5/2015
WCDMA Band V-Left Head Tilted Low CH4132
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band V; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 826.5 MHz; σ = 0.9 S/m; ε_r = 42.699; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.3, 9.3, 9.3); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band V/Tilted Low CH4132/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0281 W/kg

WCDMA Band V/Tilted Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.209 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.0300 W/kg
SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.0279 W/kg



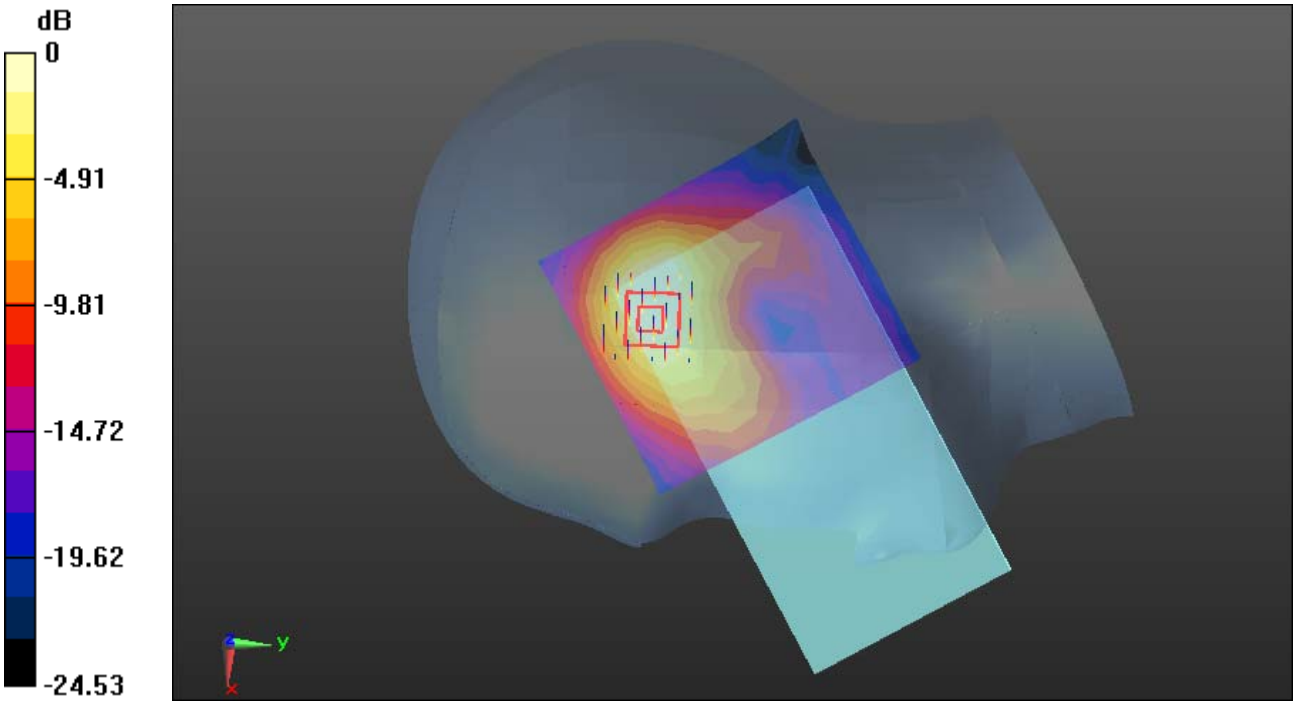
0 dB = 0.0279 W/kg = -15.54 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/6/2015
WiFi-Right Head Cheek Low CH1
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.762 S/m; ε_r = 38.944; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.04, 7.04, 7.04); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WiFi/Cheek Low CH1/Area Scan (11x10x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.743 W/kg

WiFi/Cheek Low CH1/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.443 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.549 W/kg; SAR(10 g) = 0.250 W/kg
Maximum value of SAR (measured) = 0.851 W/kg



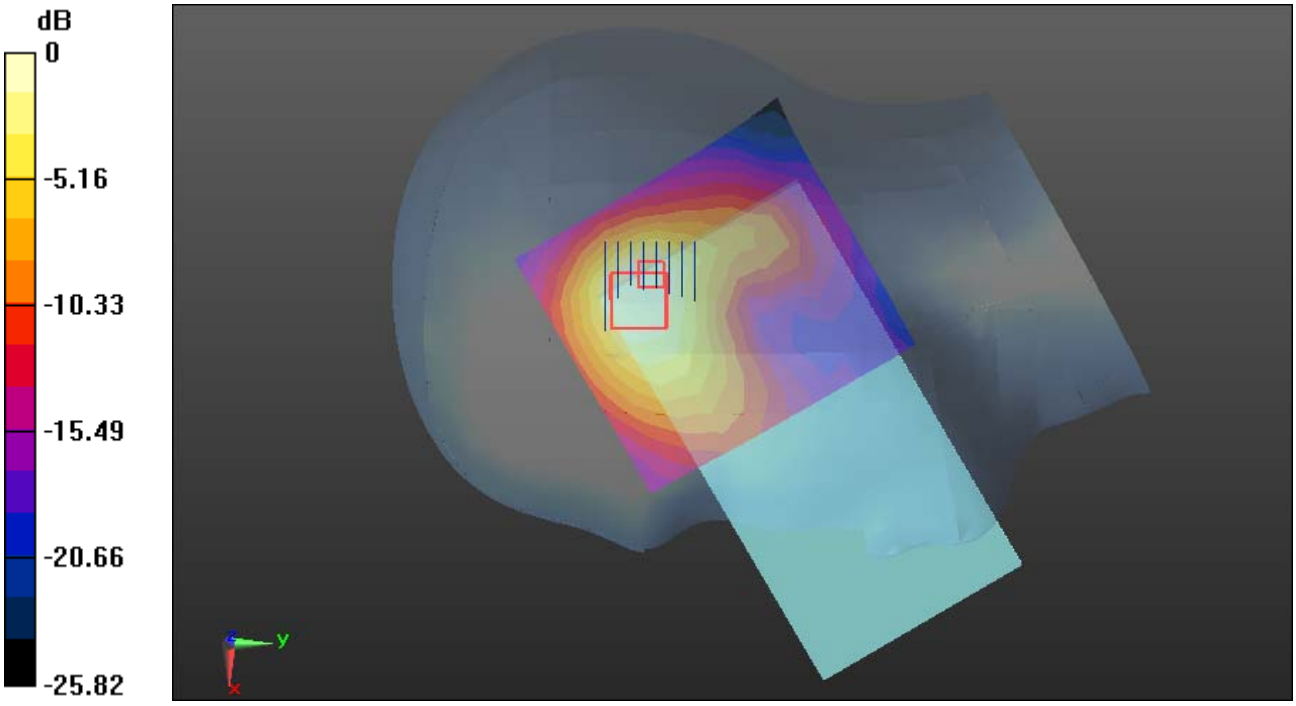
0 dB = 0.851 W/kg = -0.70 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/6/2015
WiFi-Right Head Tilted Low CH1
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.762 S/m; ε_r = 38.944; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.04, 7.04, 7.04); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WiFi/Tilted Low CH1/Area Scan (11x10x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.500 W/kg

WiFi/Tilted Low CH1/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.279 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.917 W/kg
SAR(1 g) = 0.332 W/kg; SAR(10 g) = 0.162 W/kg
Maximum value of SAR (measured) = 0.546 W/kg



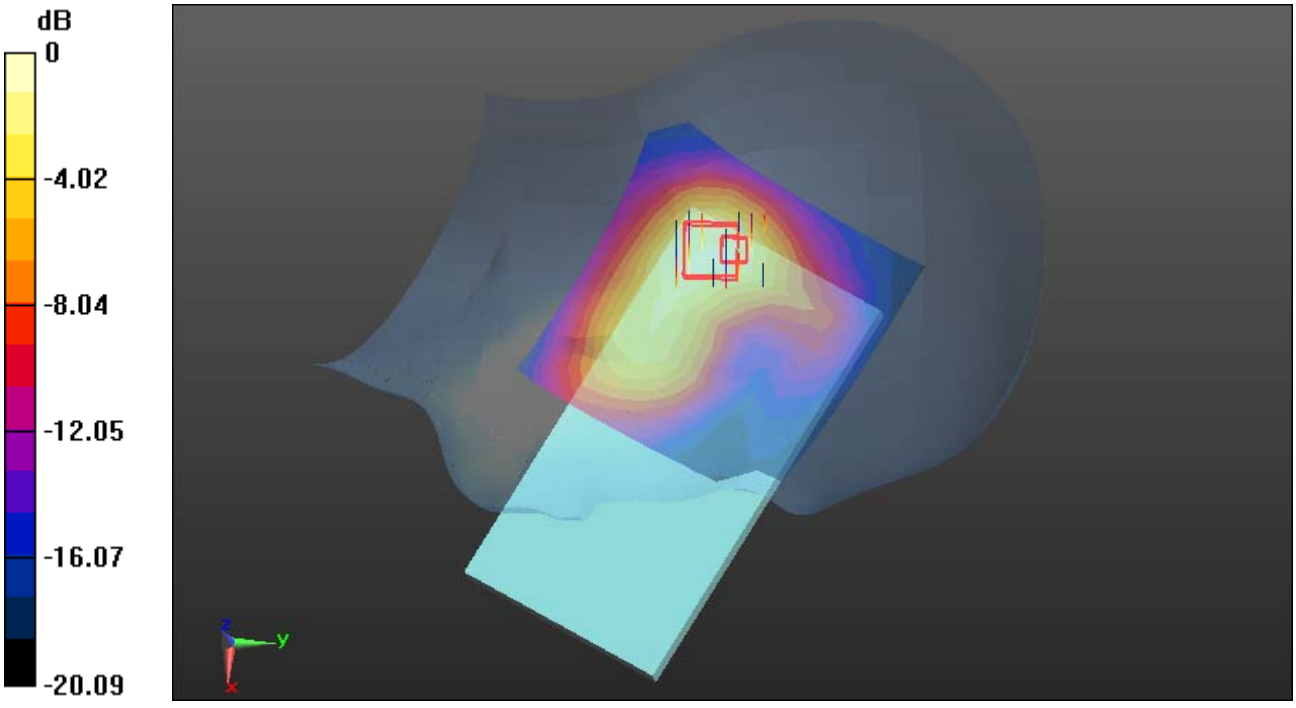
0 dB = 0.546 W/kg = -2.63 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/6/2015
WiFi-Left Head Cheek Low CH1
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.762 S/m; ε_r = 38.944; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.04, 7.04, 7.04); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WiFi/Cheek Low CH1/Area Scan (11x11x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.586 W/kg

WiFi/Cheek Low CH1/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.51 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.167 W/kg
Maximum value of SAR (measured) = 0.620 W/kg



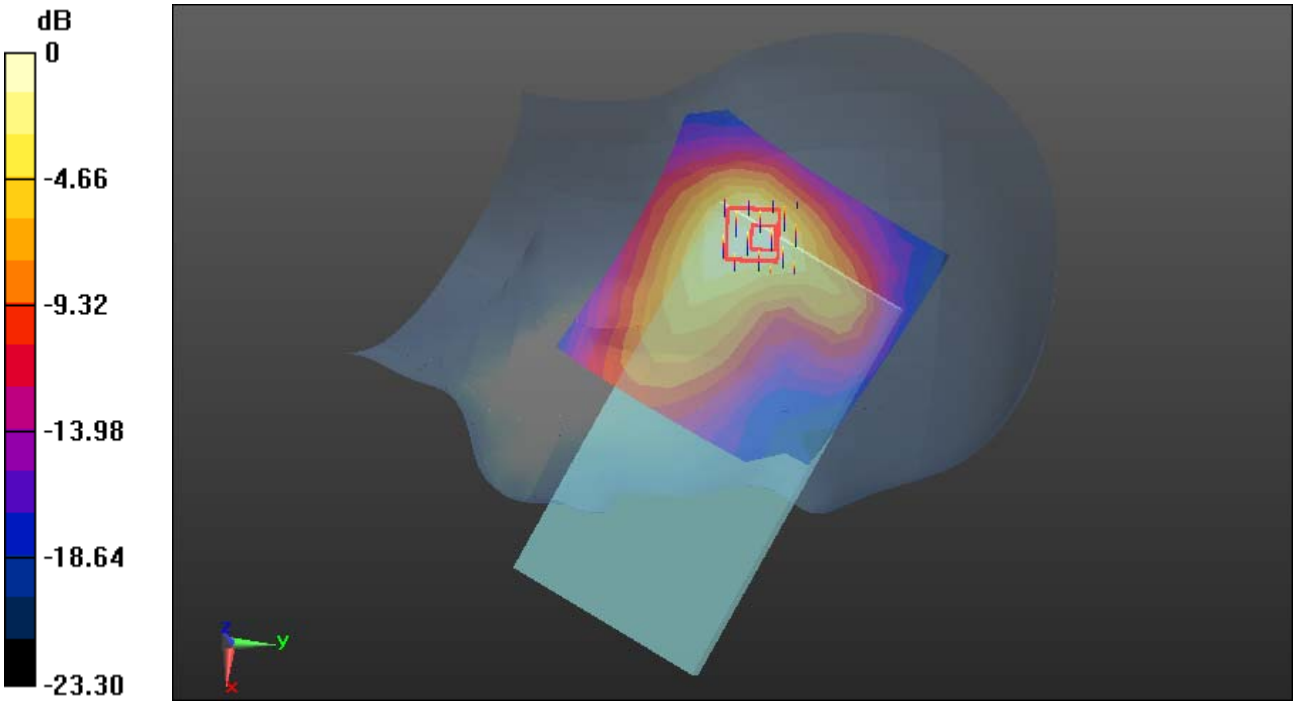
0 dB = 0.620 W/kg = -2.08 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/6/2015
WiFi-Left Head Tilted Low CH1
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.762 S/m; ε_r = 38.944; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.04, 7.04, 7.04); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WiFi/Tilted Low CH1/Area Scan (11x11x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.523 W/kg

WiFi/Tilted Low CH1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.32 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.861 W/kg
SAR(1 g) = 0.310 W/kg; SAR(10 g) = 0.139 W/kg
Maximum value of SAR (measured) = 0.525 W/kg



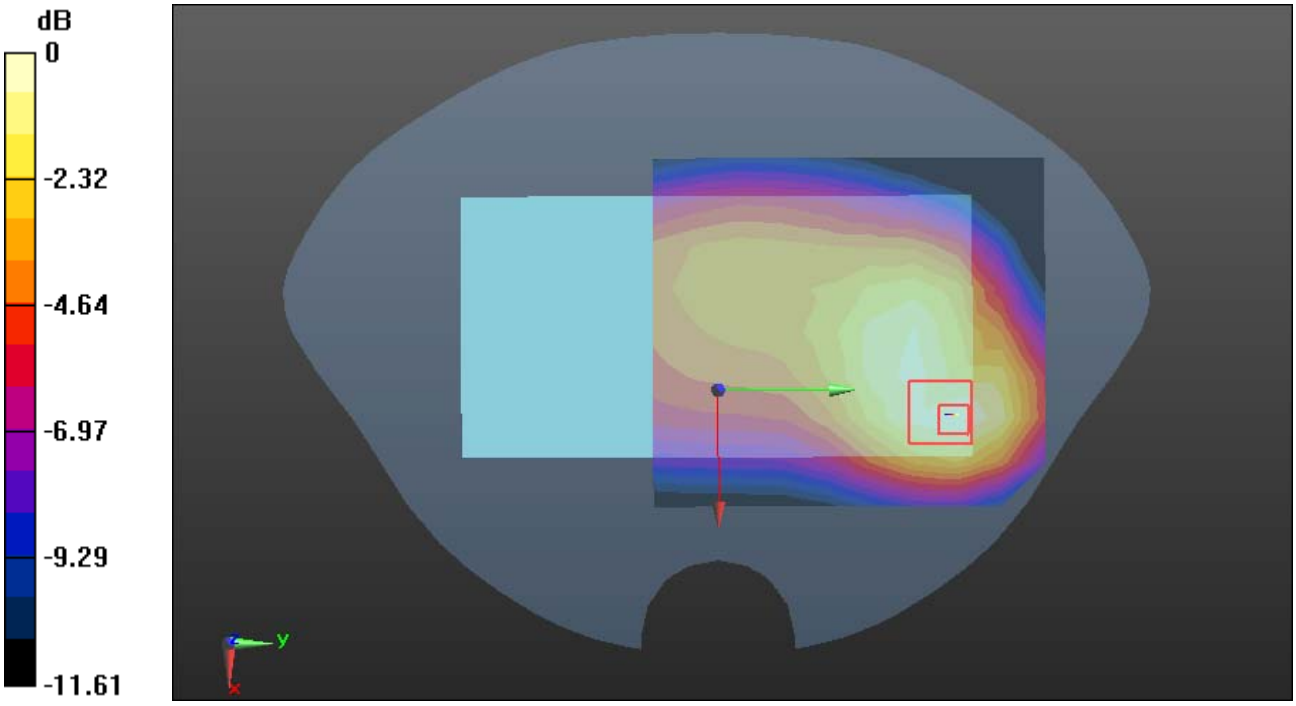
0 dB = 0.525 W/kg = -2.80 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/5/2015
GPRS 850-Body Front High CH251
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2.0797
Medium parameters used: f = 849 MHz; σ = 0.986 S/m; ε_r = 55.283; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.22, 9.22, 9.22); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GPRS 850/Front High CH251/Area Scan (10x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.577 W/kg

GPRS 850/Front High CH251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.70 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.693 W/kg
SAR(1 g) = 0.444 W/kg; SAR(10 g) = 0.285 W/kg
Maximum value of SAR (measured) = 0.567 W/kg



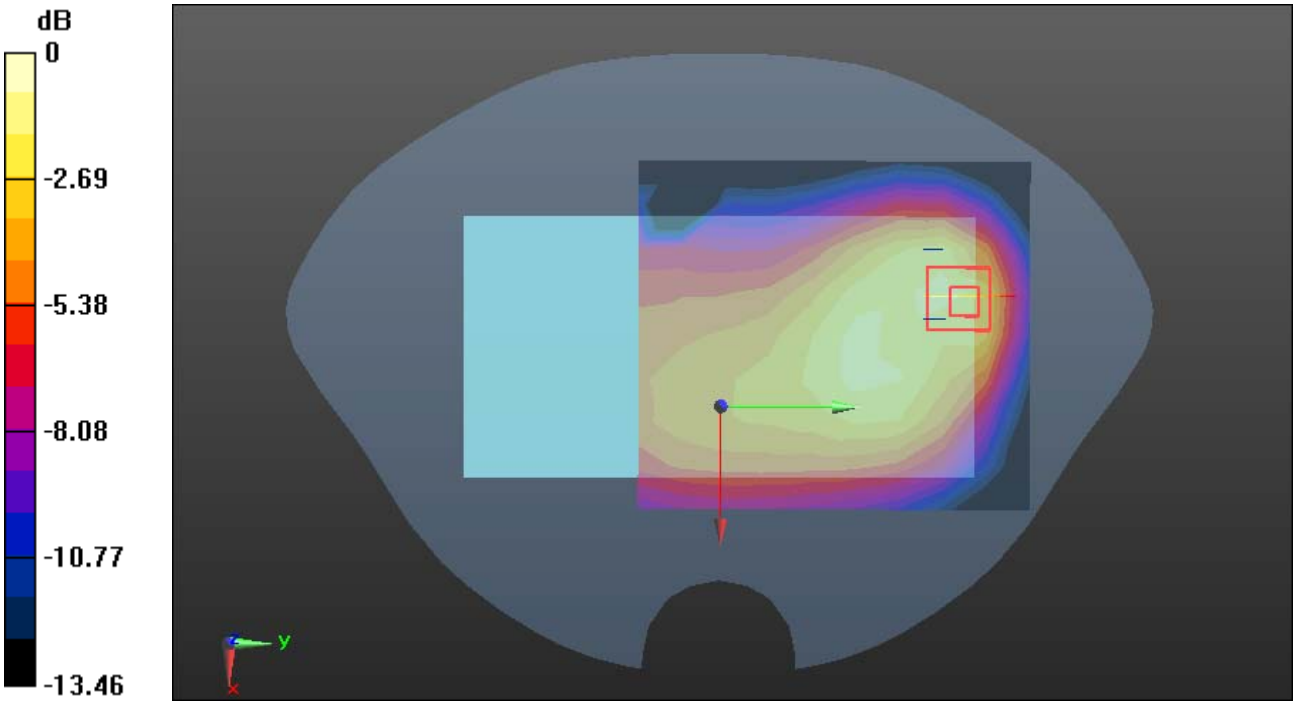
0 dB = 0.567 W/kg = -2.46 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/5/2015
GPRS 850-Body Rear High CH251
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2.0797
Medium parameters used: f = 849 MHz; σ = 0.986 S/m; ε_r = 55.283; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.22, 9.22, 9.22); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GPRS 850/Rear High CH251/Area Scan (10x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.625 W/kg

GPRS 850/Rear High CH251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.44 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.651 W/kg; SAR(10 g) = 0.396 W/kg
Maximum value of SAR (measured) = 0.854 W/kg



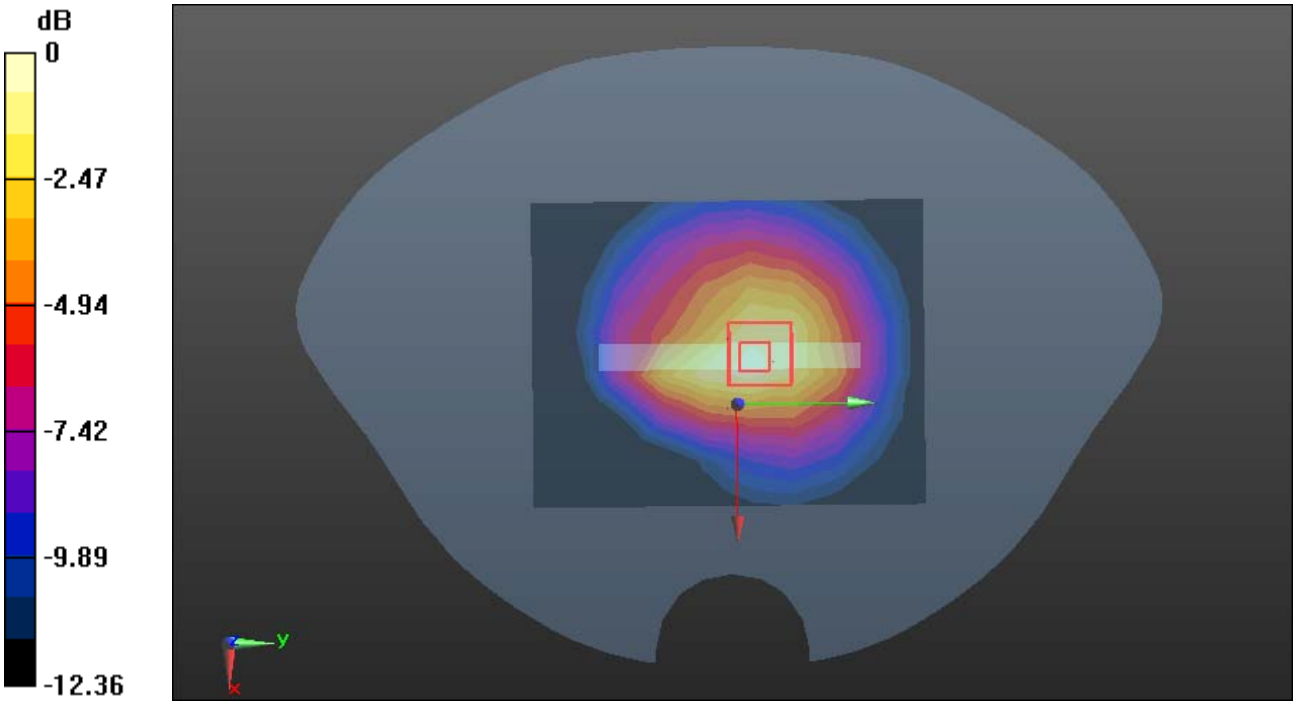
0 dB = 0.854 W/kg = -0.69 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/5/2015
GPRS 850-Body Edge 3 High CH251
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2.0797
Medium parameters used: f = 849 MHz; σ = 0.986 S/m; ε_r = 55.283; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.22, 9.22, 9.22); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GPRS 850/High CH251/Area Scan (10x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.452 W/kg

GPRS 850/High CH251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.79 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.613 W/kg
SAR(1 g) = 0.389 W/kg; SAR(10 g) = 0.246 W/kg
Maximum value of SAR (measured) = 0.509 W/kg



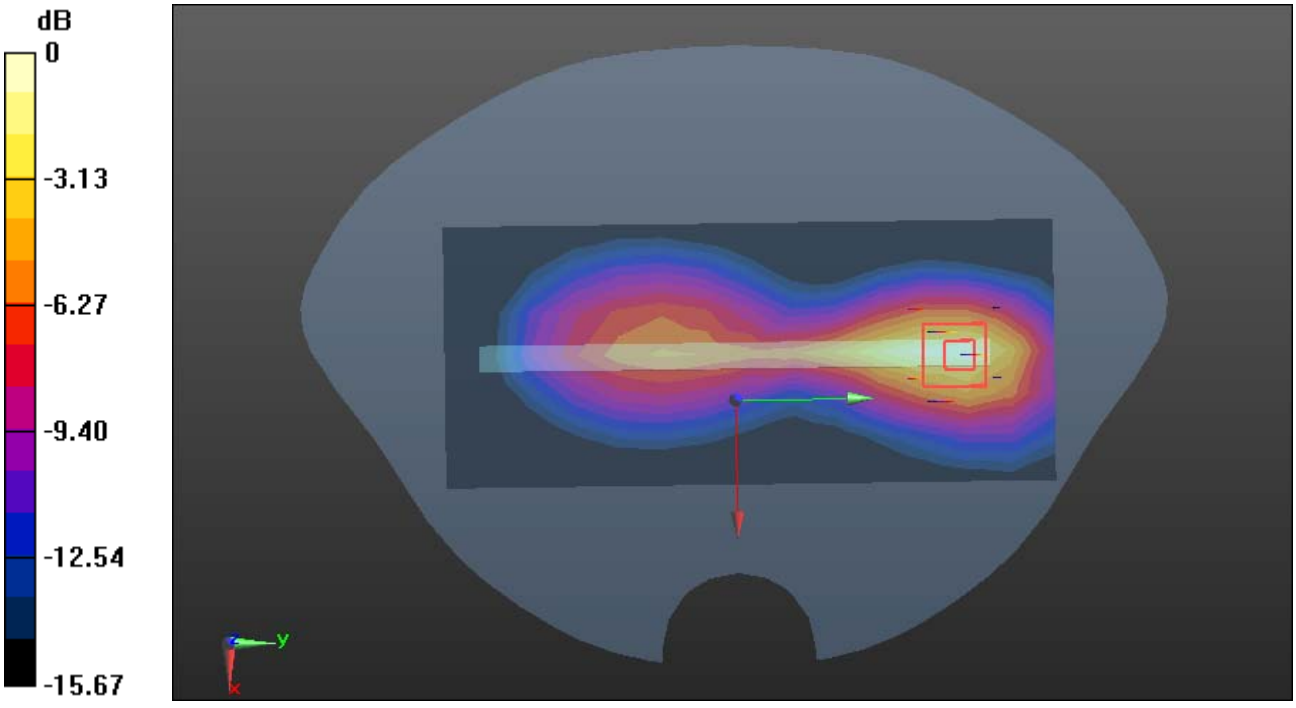
0 dB = 0.509 W/kg = -2.93 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/5/2015
GPRS 850-Body Edge 4 High CH251
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2.0797
Medium parameters used: f = 849 MHz; 0.986 S/m; ε_r = 55.283; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.22, 9.22, 9.22); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GPRS 850/High CH251/Area Scan (15x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.956 W/kg

GPRS 850/High CH251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.88 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.644 W/kg; SAR(10 g) = 0.345 W/kg
Maximum value of SAR (measured) = 0.961 W/kg



0 dB = 0.961 W/kg = -0.17 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/5/2015
GPRS 1900-Body Front Low CH512
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, Generic GSM (0); Communication System Band: GSM1900; Frequency: 1850.2 MHz;Duty Cycle: 1:2.0797
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.524 S/m; ε_r = 52.503; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

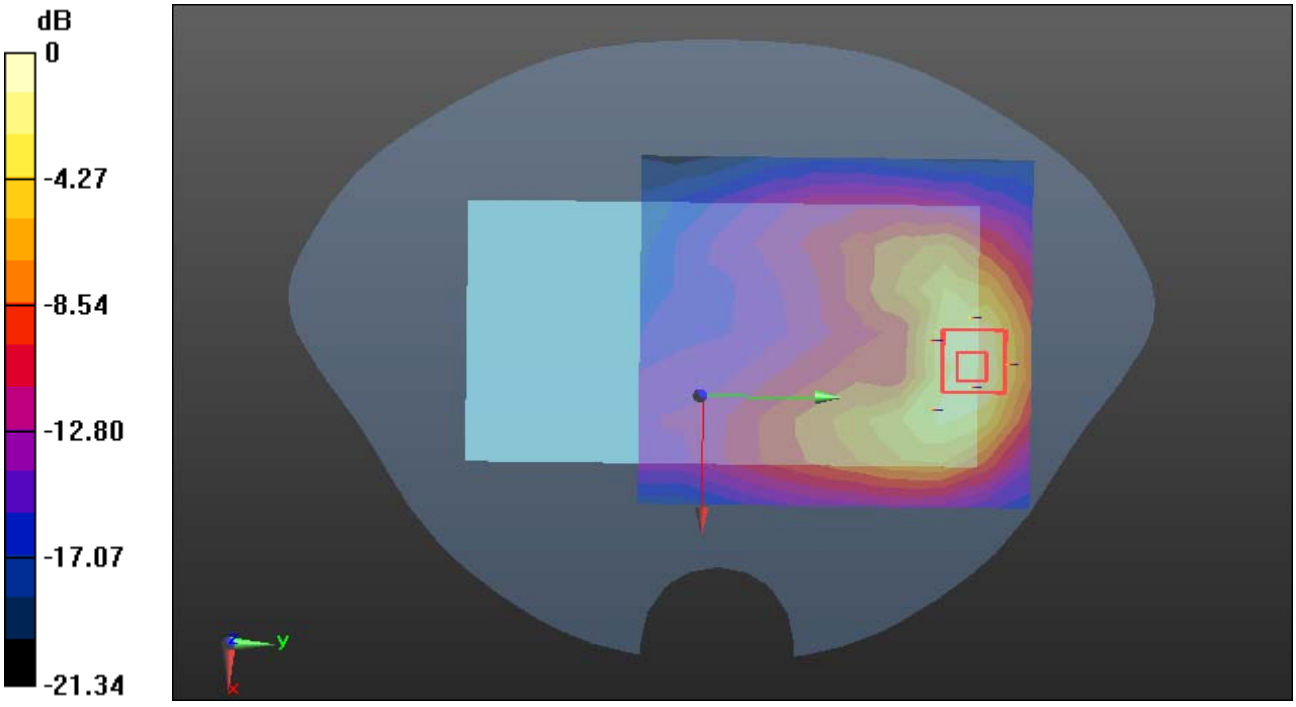
- Probe: EX3DV4 - SN3798; ConvF(7.09, 7.09, 7.09); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GPRS 1900/Front Low CH512/Area Scan (10x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.445 W/kg

GPRS 1900/Front Low CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.932 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.891 W/kg
SAR(1 g) = 0.390 W/kg; SAR(10 g) = 0.181 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.586 W/kg



0 dB = 0.586 W/kg = -2.32 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/5/2015
GPRS 1900-Body Rear Low CH512
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, Generic GSM (0); Communication System Band: GSM1900; Frequency: 1850.2 MHz;Duty Cycle: 1:2.0797
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.524 S/m; ε_r = 52.503; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

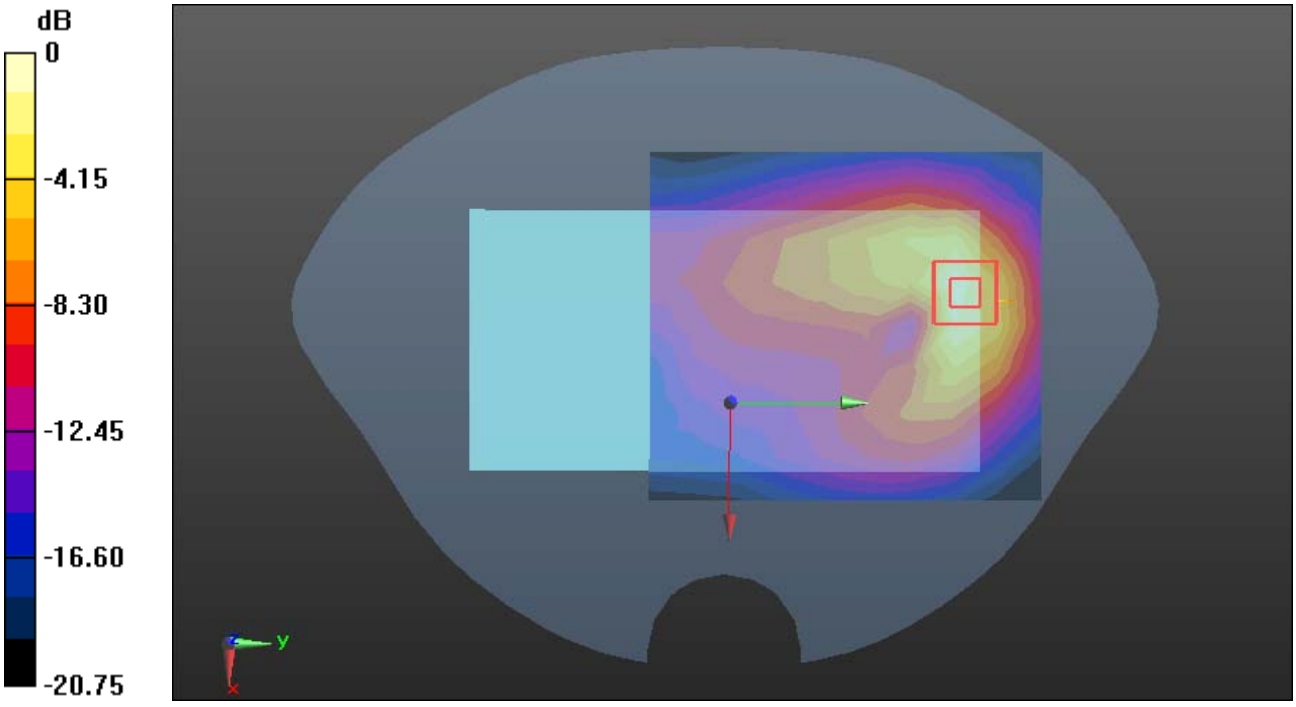
- Probe: EX3DV4 - SN3798; ConvF(7.09, 7.09, 7.09); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GPRS 1900/Rear Low CH512/Area Scan (10x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.725 W/kg

GPRS 1900/Rear Low CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.123 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.500 W/kg; SAR(10 g) = 0.229 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.774 W/kg



0 dB = 0.774 W/kg = -1.11 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/5/2015
GPRS 1900-Body Edge 3 Low CH512
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, Generic GSM (0); Communication System Band: GSM1900; Frequency: 1850.2 MHz;Duty Cycle: 1:2.0797
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.524 S/m; ε_r = 52.503; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

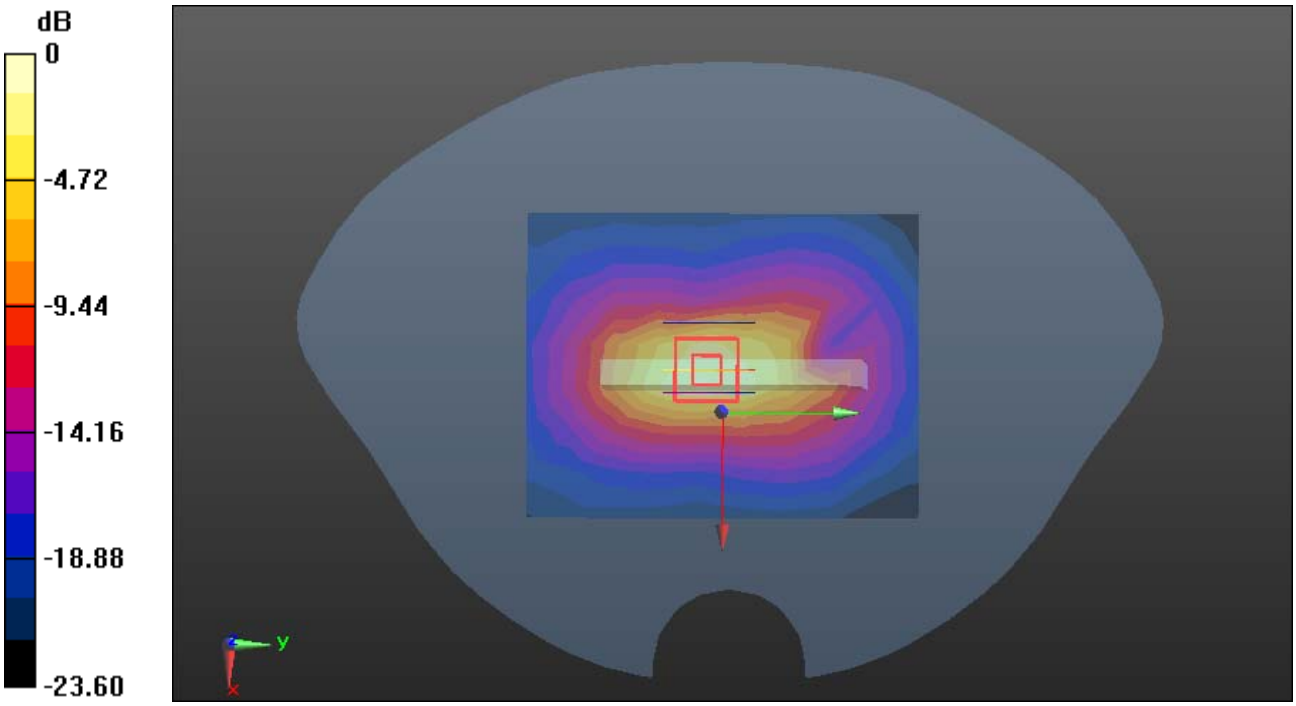
- Probe: EX3DV4 - SN3798; ConvF(7.09, 7.09, 7.09); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GPRS 1900/Low CH512/Area Scan (10x8x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.625 W/kg

GPRS 1900/Low CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.69 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.536 W/kg; SAR(10 g) = 0.247 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.833 W/kg



0 dB = 0.833 W/kg = -0.79 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/5/2015
GPRS 1900-Body Edge 4 Low CH512
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, Generic GSM (0); Communication System Band: GSM1900; Frequency: 1850.2 MHz;Duty Cycle: 1:2.0797
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.524 S/m; ε_r = 52.503; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

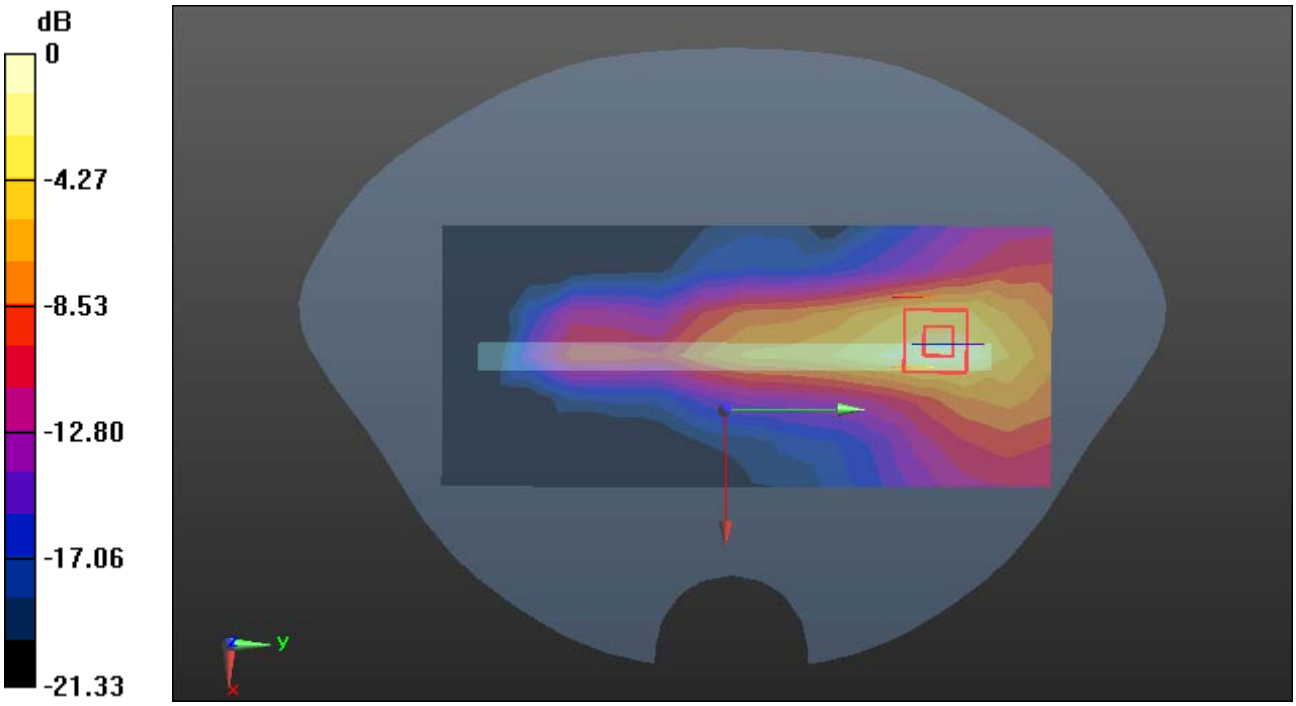
- Probe: EX3DV4 - SN3798; ConvF(7.09, 7.09, 7.09); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GPRS 1900/Low CH512/Area Scan (15x7x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.305 W/kg

GPRS 1900/Low CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.283 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.661 W/kg
SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.127 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.455 W/kg



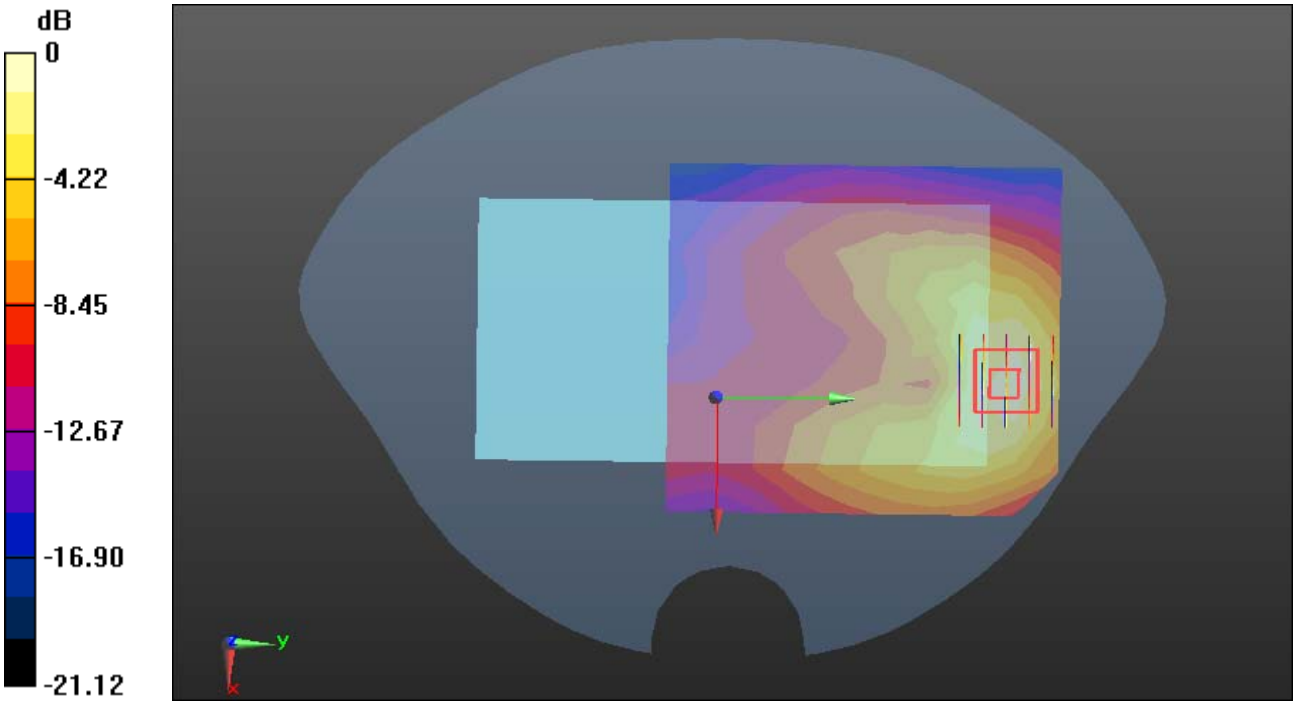
0 dB = 0.455 W/kg = -3.42 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/5/2015
WCDMA Band II-Body Front Middle CH9400
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.545 S/m; ε_r = 52.503; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.09, 7.09, 7.09); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Front Middle CH9400/Area Scan (10x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.661 W/kg

WCDMA Band II/Front Middle CH9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.568 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.966 W/kg
SAR(1 g) = 0.496 W/kg; SAR(10 g) = 0.256 W/kg
Maximum value of SAR (measured) = 0.716 W/kg



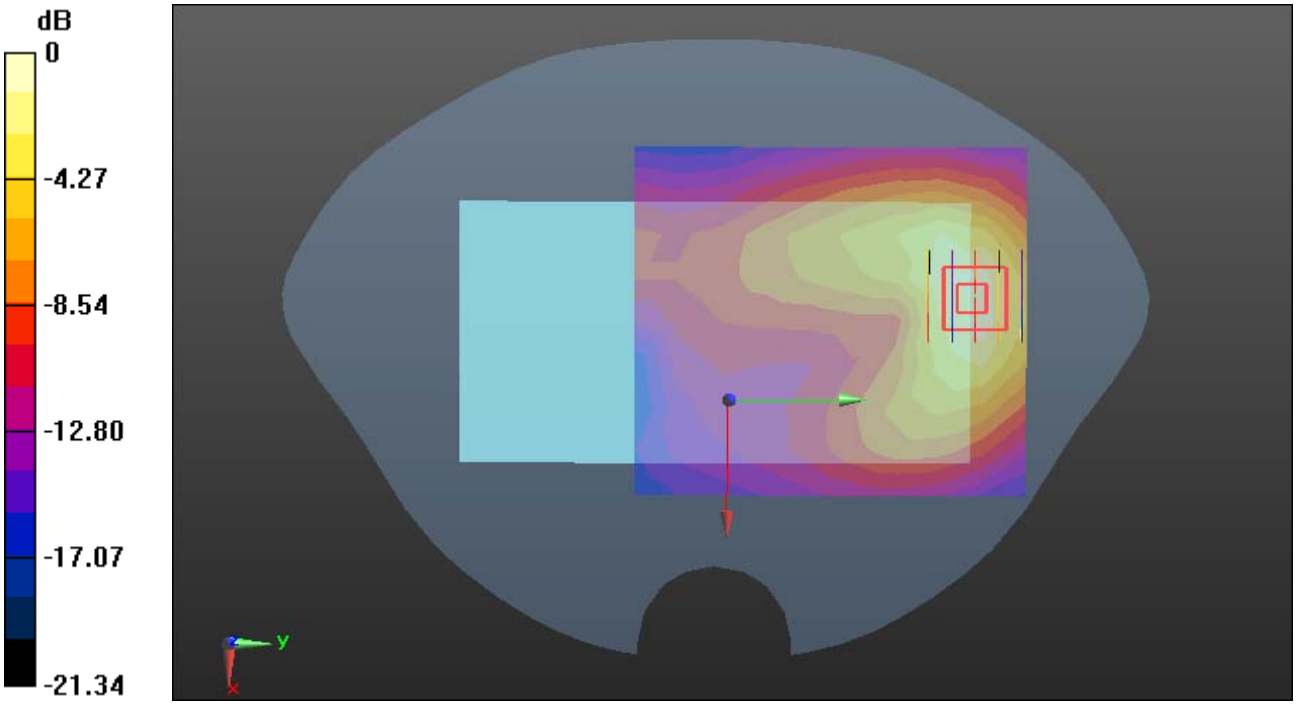
0 dB = 0.716 W/kg = -1.45 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/5/2015
WCDMA Band II-Body Rear Middle CH9400
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.545 S/m; ε_r = 52.503; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.09, 7.09, 7.09); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Rear Middle CH9400/Area Scan (10x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.817 W/kg

WCDMA Band II/Rear Middle CH9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.916 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.628 W/kg; SAR(10 g) = 0.325 W/kg
Maximum value of SAR (measured) = 0.909 W/kg



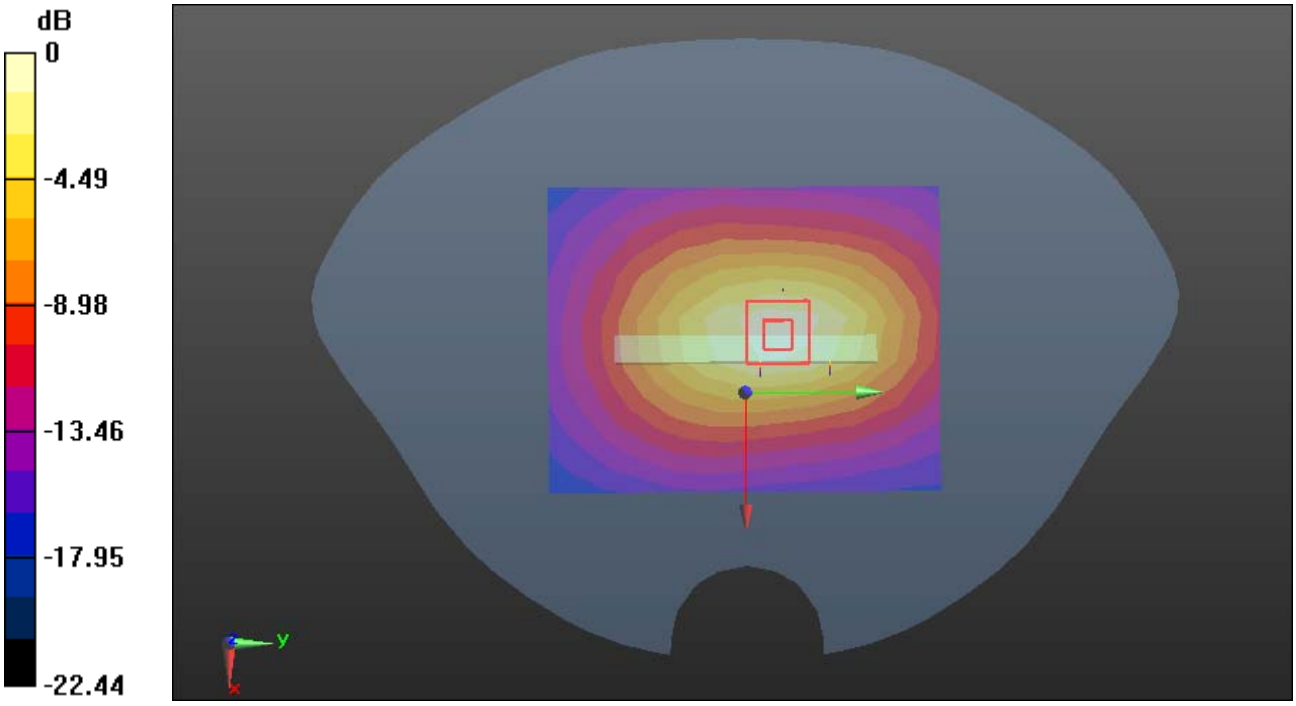
0 dB = 0.909 W/kg = -0.41 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/5/2015
WCDMA Band II-Body Edge 3 Middle CH9400
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.545 S/m; ε_r = 52.503; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.09, 7.09, 7.09); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Middle CH9400/Area Scan (10x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.688 W/kg

WCDMA Band II/Middle CH9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.75 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.543 W/kg; SAR(10 g) = 0.286 W/kg
Maximum value of SAR (measured) = 0.784 W/kg



0 dB = 0.784 W/kg = -1.06 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/5/2015
WCDMA Band II-Body Edge 4 Middle CH9400
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.545 S/m; ε_r = 52.503; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

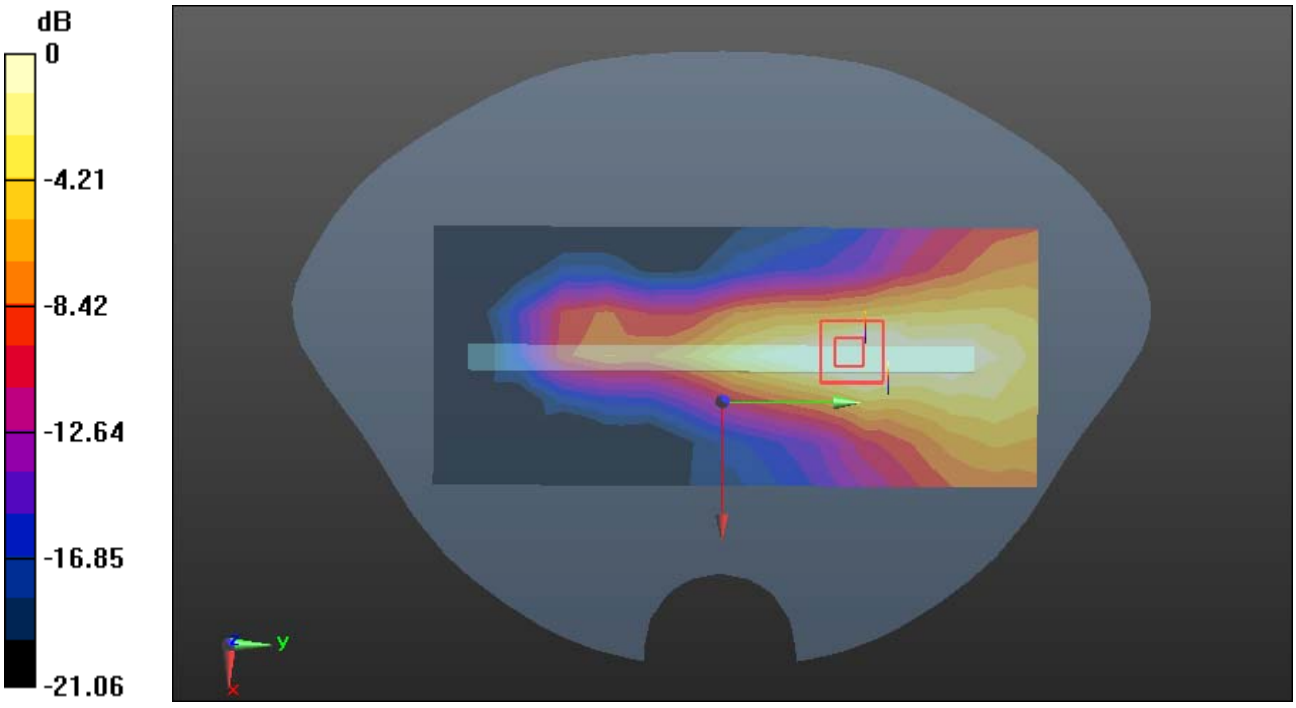
- Probe: EX3DV4 - SN3798; ConvF(7.09, 7.09, 7.09); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/ Middle CH9400/Area Scan (15x7x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.13 W/kg

WCDMA Band II/ Middle CH9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.28 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.672 W/kg
SAR(1 g) = 0.325 W/kg; SAR(10 g) = 0.168 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.488 W/kg



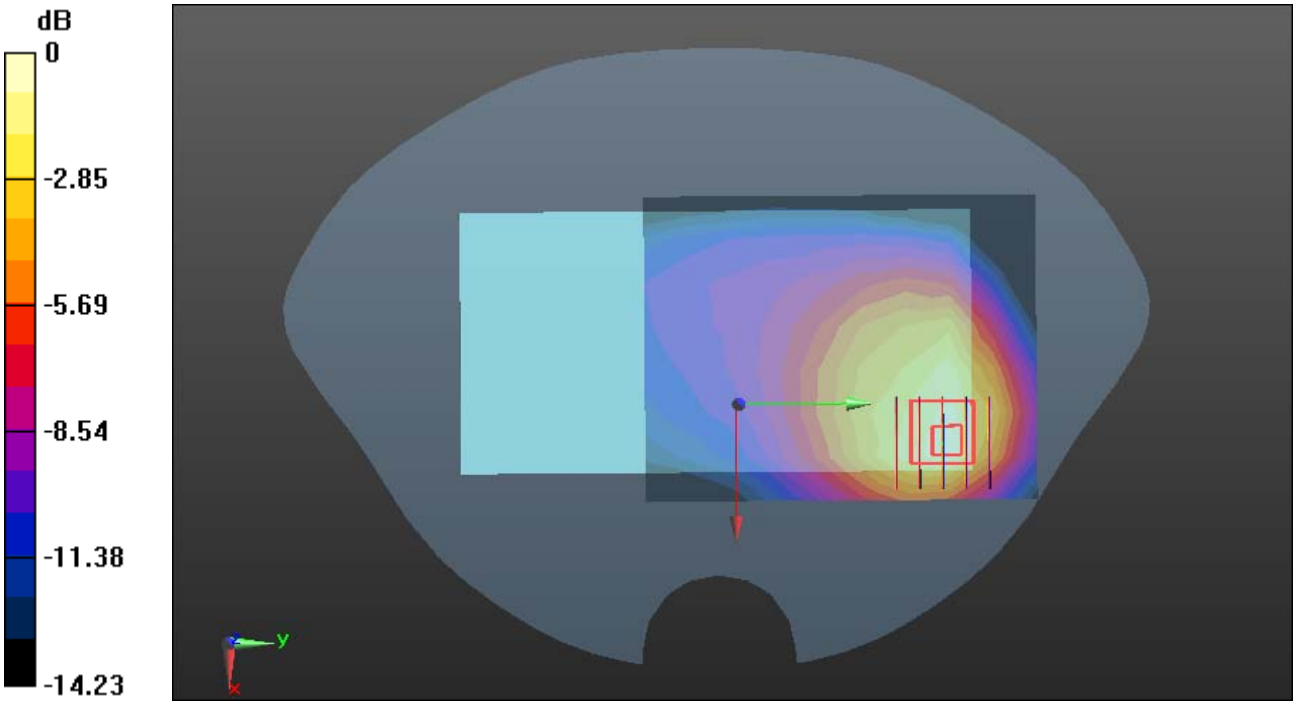
0 dB = 0.488 W/kg = -3.12 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/5/2015
WCDMA Band V-Body Front Low CH4132
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band V; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 826.5 MHz; σ = 0.969 S/m; ε_r = 55.361; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.22, 9.22, 9.22); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band V/Front Low CH4132/Area Scan (10x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.379 W/kg

WCDMA Band V/Front Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.040 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.521 W/kg
SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.180 W/kg
Maximum value of SAR (measured) = 0.416 W/kg



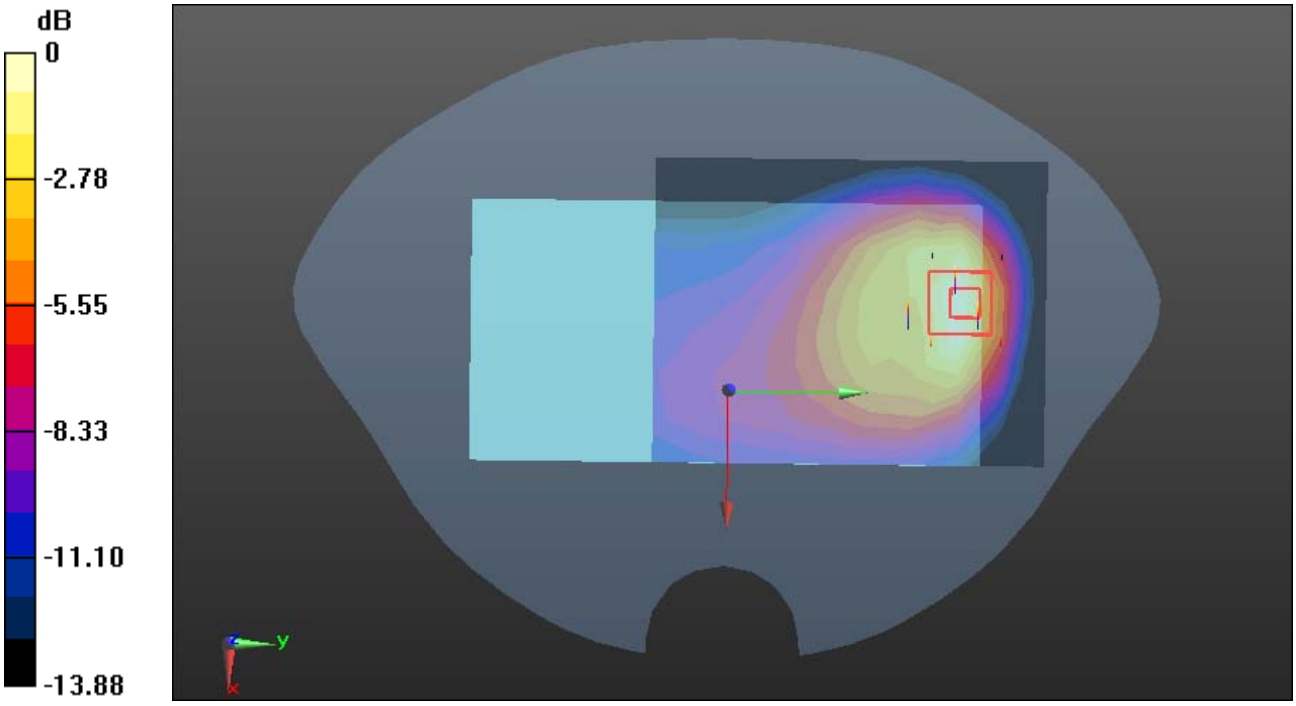
0 dB = 0.416 W/kg = -3.81 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/5/2015
WCDMA Band V-Body Rear Low CH4132
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band V; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 826.5 MHz; σ = 0.969 S/m; ε_r = 55.361; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.22, 9.22, 9.22); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band V/Rear Low CH4132/Area Scan (10x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.638 W/kg

WCDMA Band V/Rear Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.624 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.828 W/kg
SAR(1 g) = 0.454 W/kg; SAR(10 g) = 0.247 W/kg
Maximum value of SAR (measured) = 0.597 W/kg



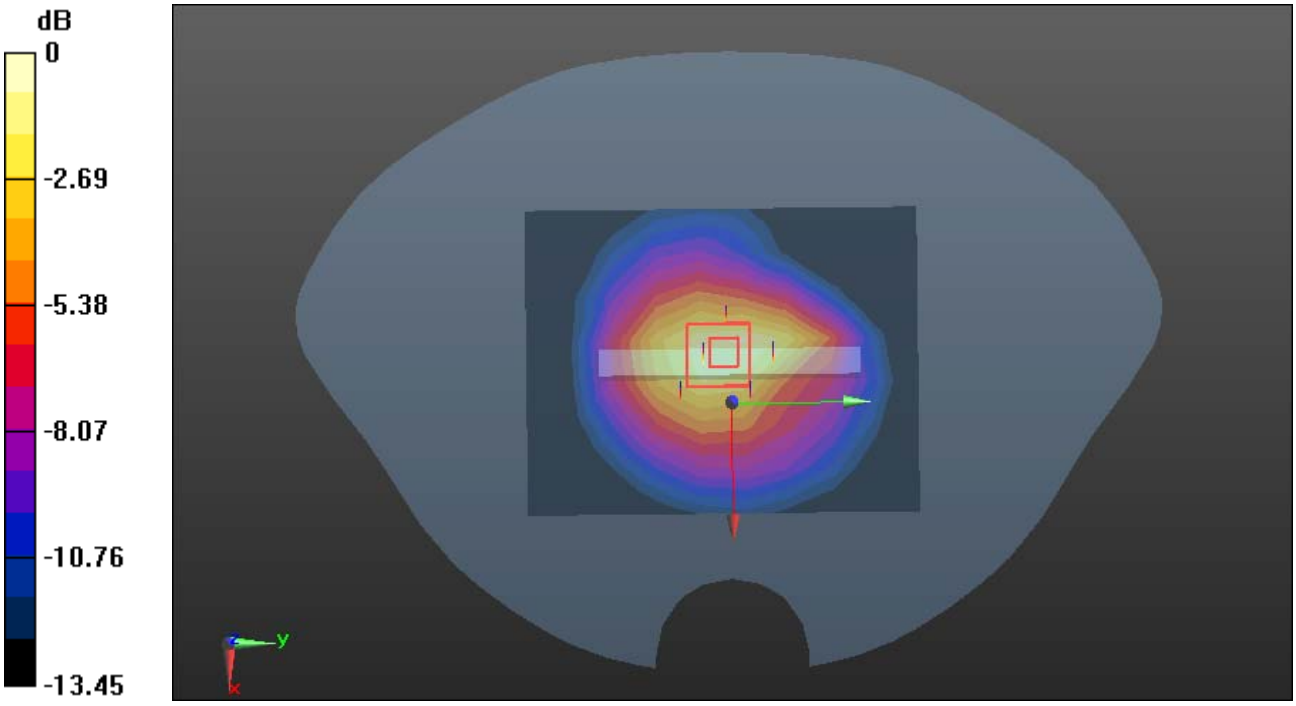
0 dB = 0.597 W/kg = -2.24 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/5/2015
WCDMA Band V-Body Edge 3 Low CH4132
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band V; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 826.5 MHz; σ = 0.969 S/m; ε_r = 55.361; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.22, 9.22, 9.22); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band V/Low CH4132/Area Scan (10x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.155 W/kg

WCDMA Band V/Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.39 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.230 W/kg
SAR(1 g) = 0.133 W/kg; SAR(10 g) = 0.080 W/kg
Maximum value of SAR (measured) = 0.185 W/kg



0 dB = 0.185 W/kg = -7.33 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/5/2015
WCDMA Band V-Body Edge 4 Low CH4132
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band V; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 826.5 MHz; σ = 0.969 S/m; ε_r = 55.361; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

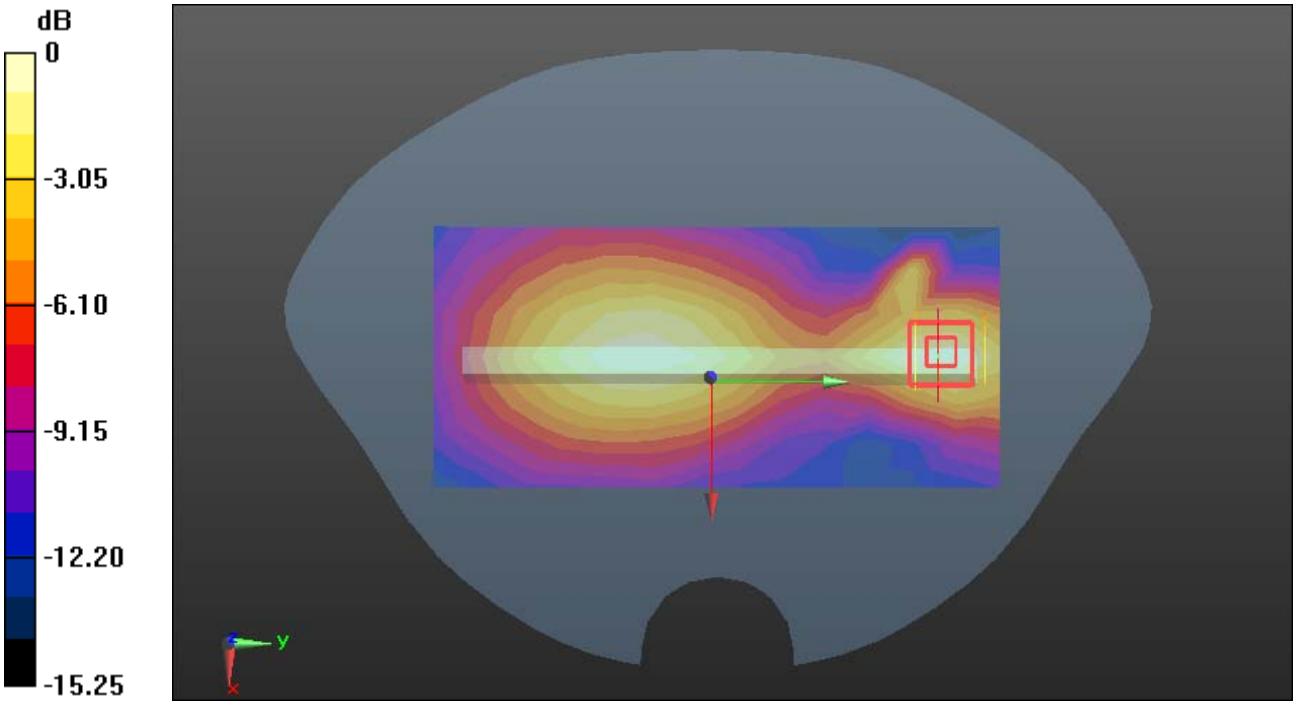
- Probe: EX3DV4 - SN3798; ConvF(9.22, 9.22, 9.22); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band V/ Low CH4132/Area Scan (14x7x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0420 W/kg

WCDMA Band V/ Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.700 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.0520 W/kg
SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.019 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0426 W/kg



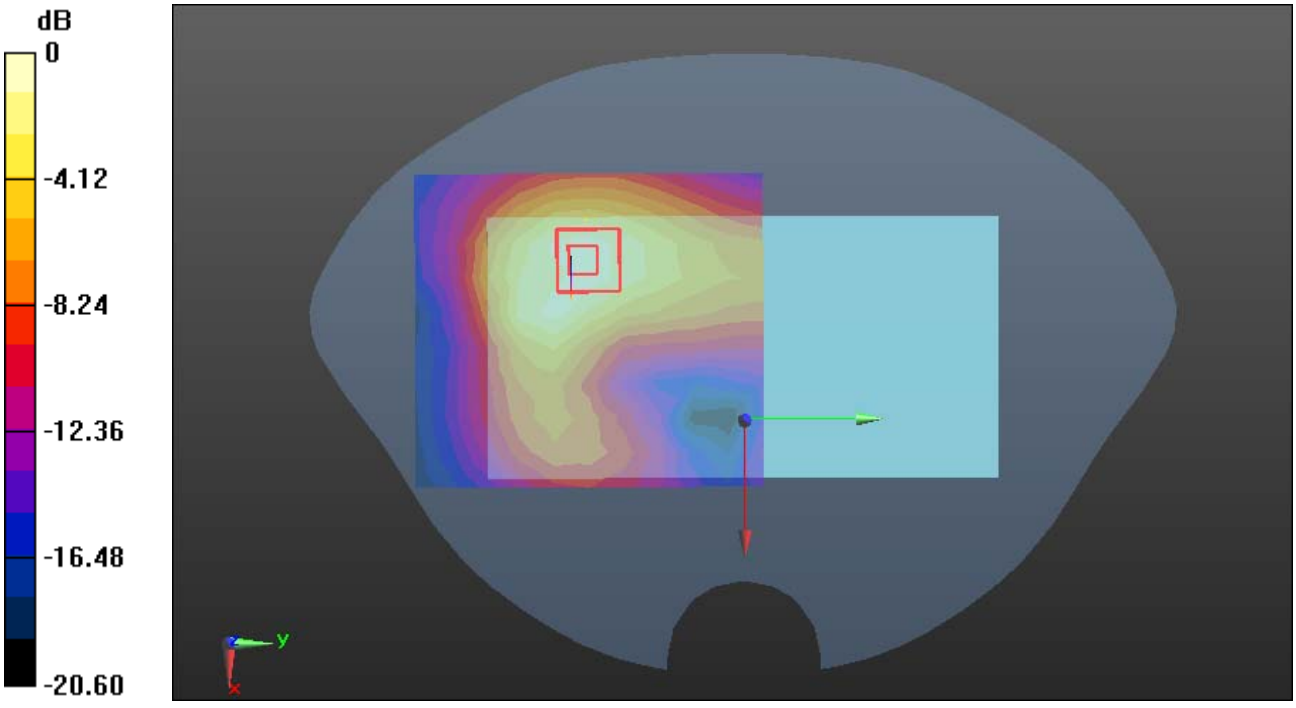
0 dB = 0.0426 W/kg = -13.71 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/6/2015
WiFi-Body Front Low CH1
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.878 S/m; ε_r = 52.827; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(6.82, 6.82, 6.82); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WiFi/Front Low CH1/Area Scan (11x10x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.405 W/kg

WiFi/Front Low CH1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.612 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.688 W/kg
SAR(1 g) = 0.293 W/kg; SAR(10 g) = 0.141 W/kg
Maximum value of SAR (measured) = 0.455 W/kg



0 dB = 0.455 W/kg = -3.42 dBW/kg

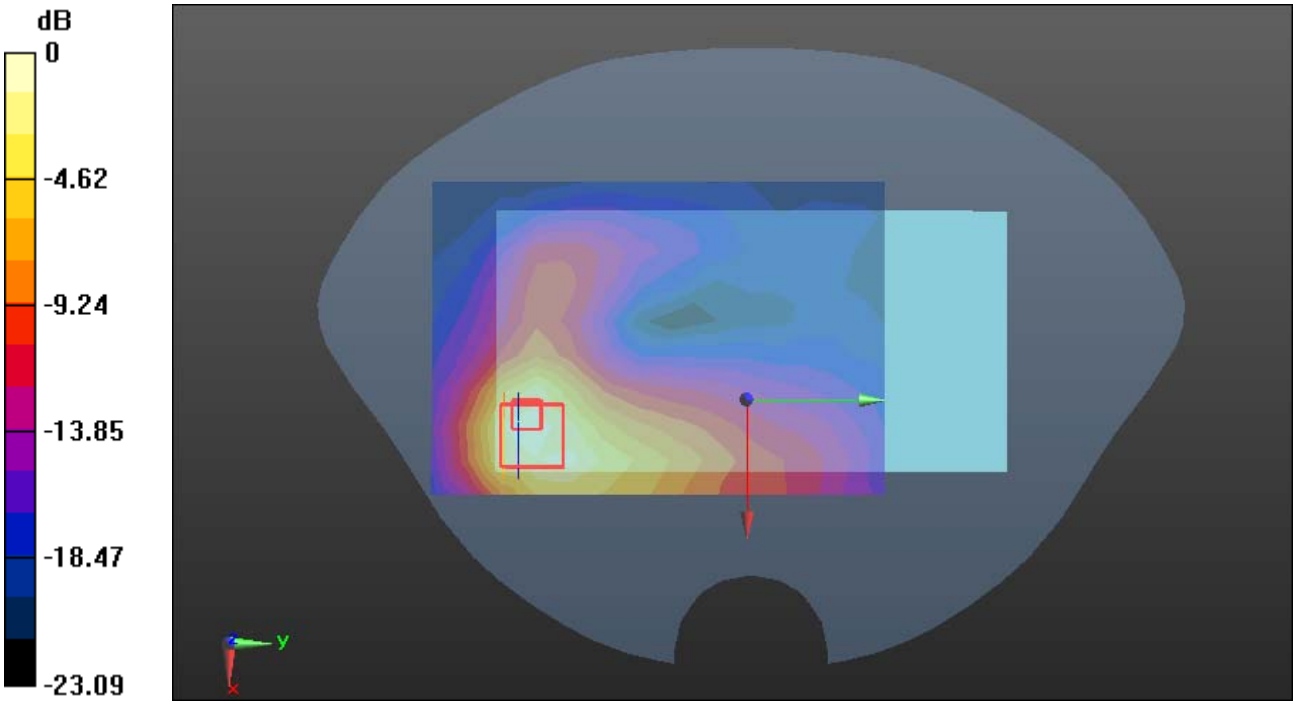
Test Laboratory: Compliance Certification Services Inc. Date: 7/6/2015
WiFi-Body Rear Low CH1
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.878 S/m; ε_r = 52.827; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(6.82, 6.82, 6.82); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WiFi/Rear Low CH1/Area Scan (14x10x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.954 W/kg

WiFi/Rear Low CH1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.223 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.06 W/kg
SAR(1 g) = 0.655 W/kg; SAR(10 g) = 0.291 W/kg

Maximum value of SAR (measured) = 1.12 W/kg



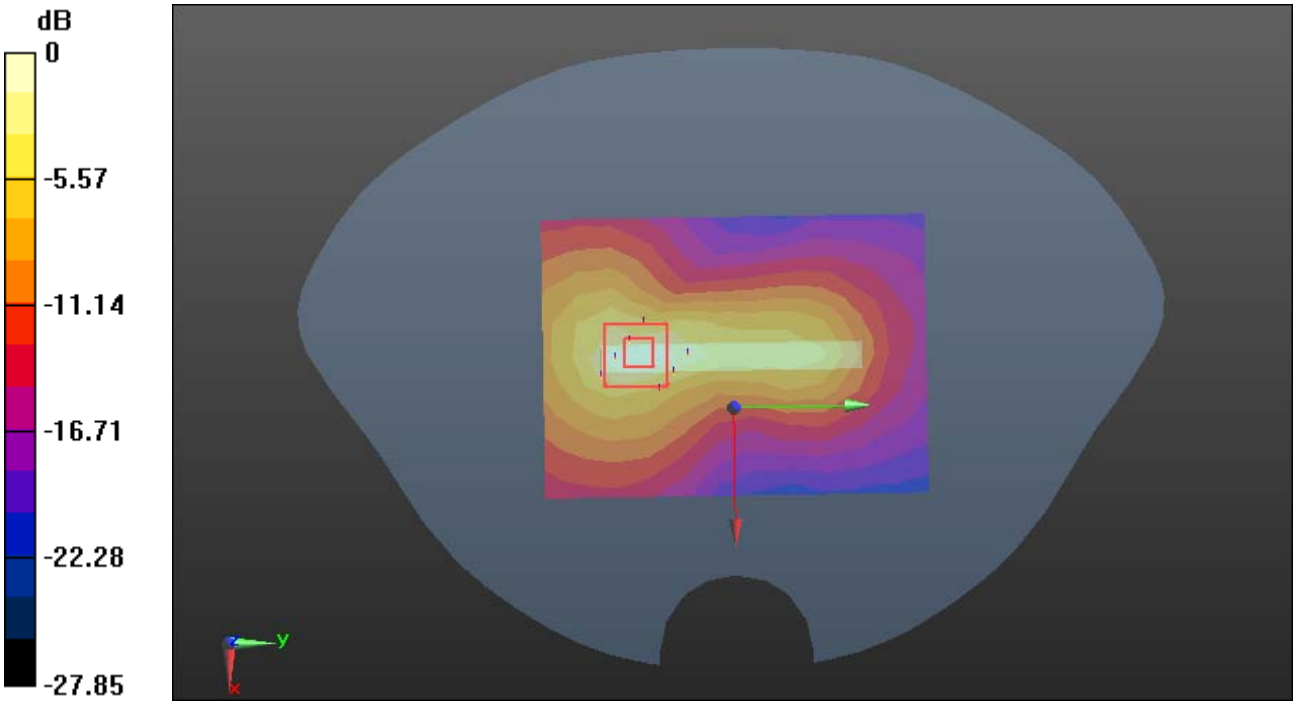
0 dB = 1.12 W/kg = 0.49 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/6/2015
WiFi-Body Edge 1 Low CH1
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.878 S/m; ε_r = 52.827; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(6.82, 6.82, 6.82); Calibrated: 7/28/2014;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WiFi/Low CH1/Area Scan (12x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.697 W/kg

WiFi/Low CH1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.33 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.361 W/kg; SAR(10 g) = 0.139 W/kg
Maximum value of SAR (measured) = 0.617 W/kg



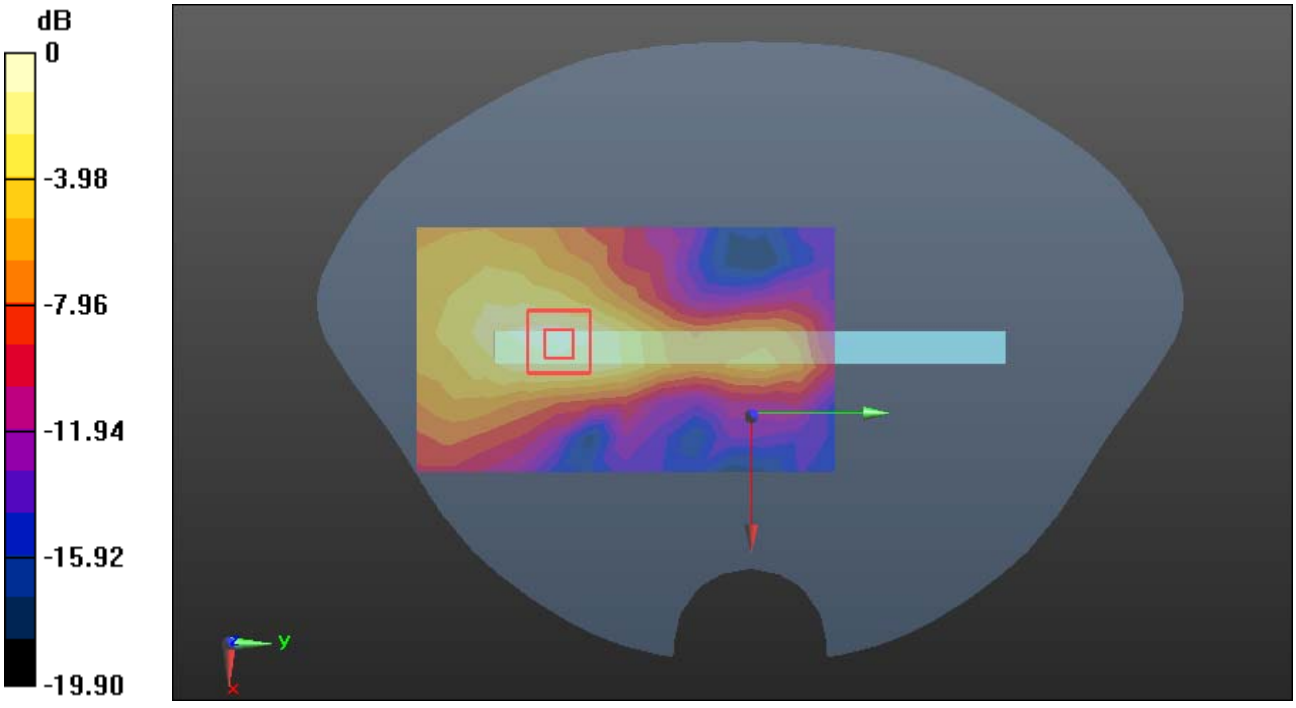
0 dB = 0.617 W/kg = -2.10 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 7/6/2015
WiFi-Body Edge 2 Low CH1
DUT: mobile phone; Type: S616L; Serial: N/A
Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.878 S/m; ε_r = 52.827; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(6.82, 6.82, 6.82); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WiFi/Low CH1/Area Scan (13x8x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0646 W/kg

WiFi/Low CH1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.250 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.118 W/kg
SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.022 W/kg
Maximum value of SAR (measured) = 0.0741 W/kg



0 dB = 0.0741 W/kg = -11.30 dBW/kg