



Compliance Certification Services Inc.

Report No: C141201S01-SF

FCC ID: 2ADVA-BRIOS430

Date of Issue :December 24, 2014

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Test Laboratory: Compliance Certification Services Inc.

Date: 12/2/2014

GSM 850-Right Head Cheek Low CH128

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.902$ S/m; $\epsilon_r = 41.068$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Right Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GSM850/Right Head Cheek Low CH128/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.175 W/kg

GSM850/Right Head Cheek Low CH128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

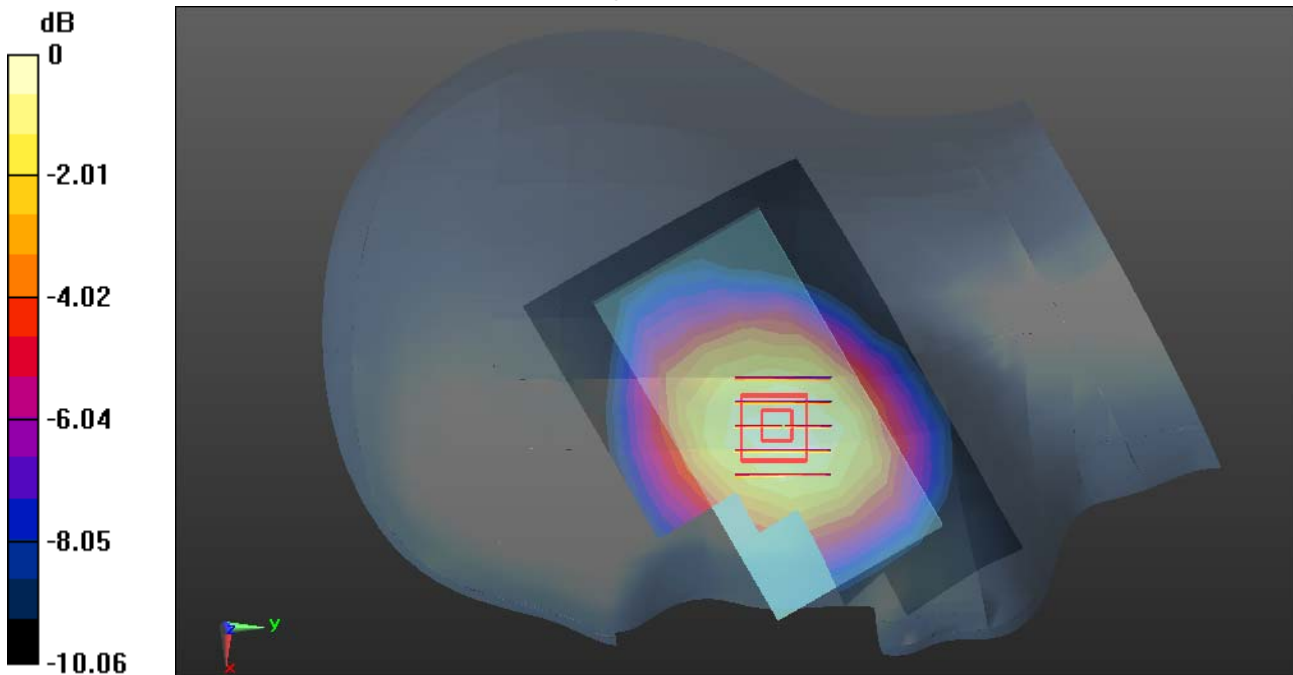
Reference Value = 6.187 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.204 W/kg

SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.121 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.187 W/kg



0 dB = 0.187 W/kg = -7.28 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/2/2014

GSM 850-Right Head Tilted Low CH128

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.902$ S/m; $\epsilon_r = 41.068$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Right Section

Measurement Standard: DASYS (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
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GSM850/Right Head Tilted Low CH128/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.152 W/kg

GSM850/Right Head Tilted Low CH128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

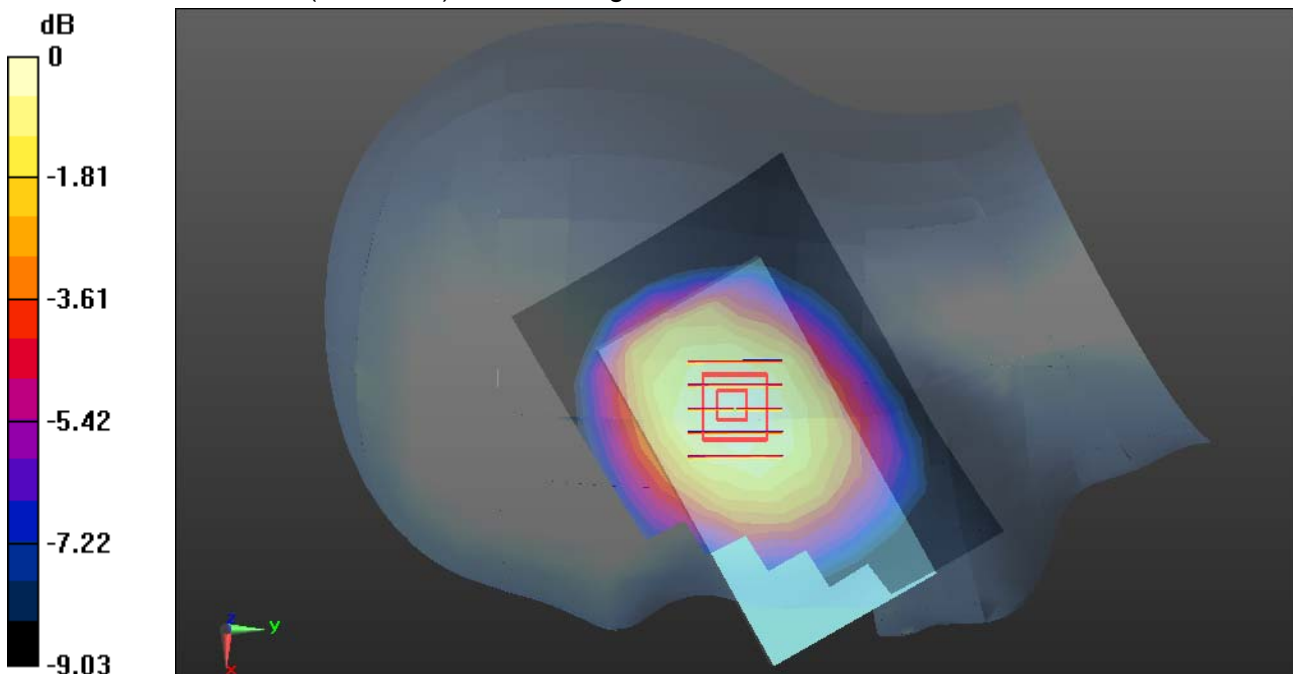
Reference Value = 9.981 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.166 W/kg

SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.104 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.153 W/kg



0 dB = 0.153 W/kg = -8.15 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/2/2014

GSM 850-Left Head Cheek Low CH128

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.902$ S/m; $\epsilon_r = 41.068$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Left Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GSM850/Left Head Cheek Low CH128/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.205 W/kg

GSM850/Left Head Cheek Low CH128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

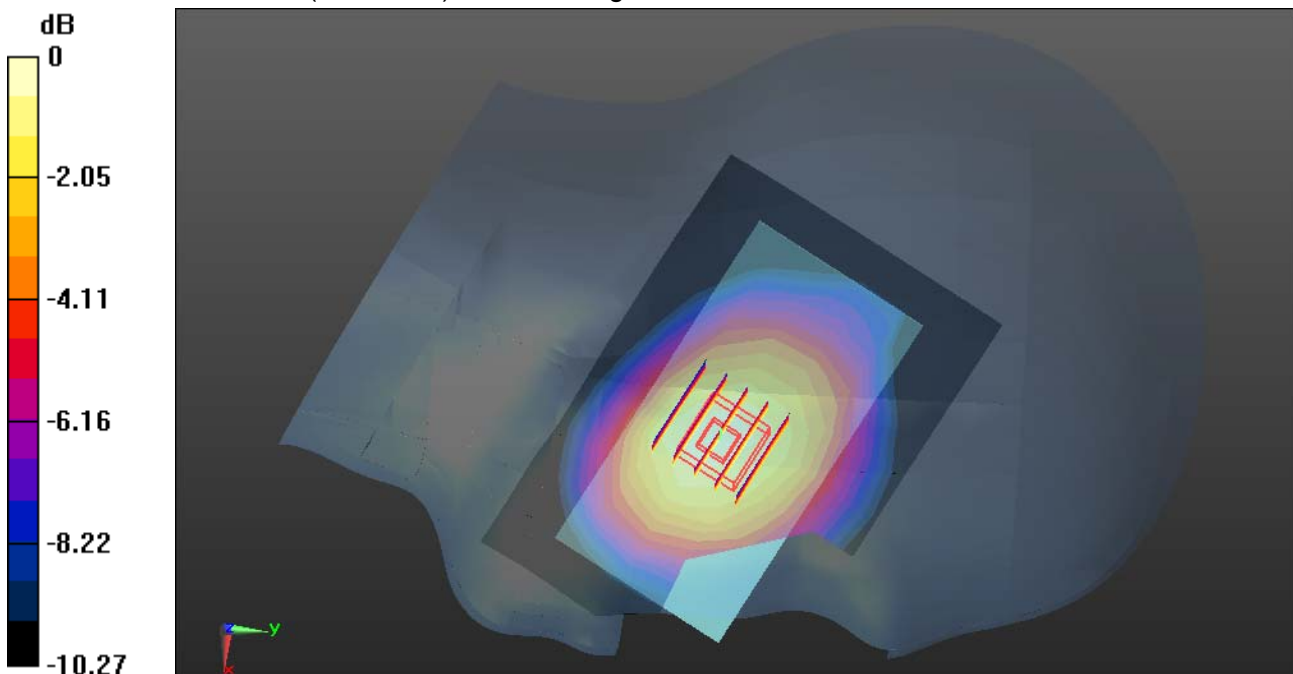
Reference Value = 6.586 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.137 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.217 W/kg



0 dB = 0.217 W/kg = -6.64 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/2/2014

GSM 850-Left Head Tilted Low CH128

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.902$ S/m; $\epsilon_r = 41.068$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Left Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GSM850/Left Head Tilted Low CH128/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.159 W/kg

GSM850/Left Head Tilted Low CH128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

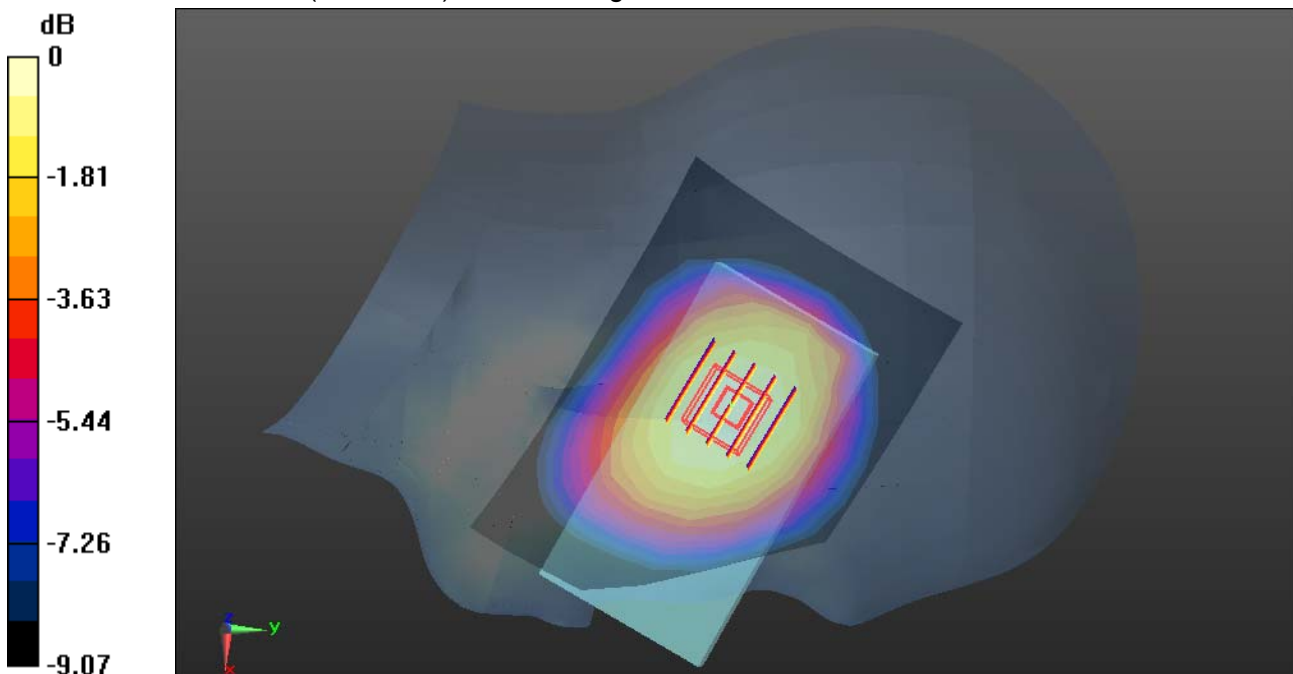
Reference Value = 10.34 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.180 W/kg

SAR(1 g) = 0.146 W/kg; SAR(10 g) = 0.111 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.166 W/kg



0 dB = 0.166 W/kg = -7.80 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/3/2014

PCS 1900-Right Head Cheek Low CH512

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, Generic GSM (0); Communication System Band: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.328$ S/m; $\epsilon_r = 40.631$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Right Section

Measurement Standard: DASYS (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
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

PCS 1900/Right Head Cheek Low CH512/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.618 W/kg

PCS 1900/Right Head Cheek Low CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

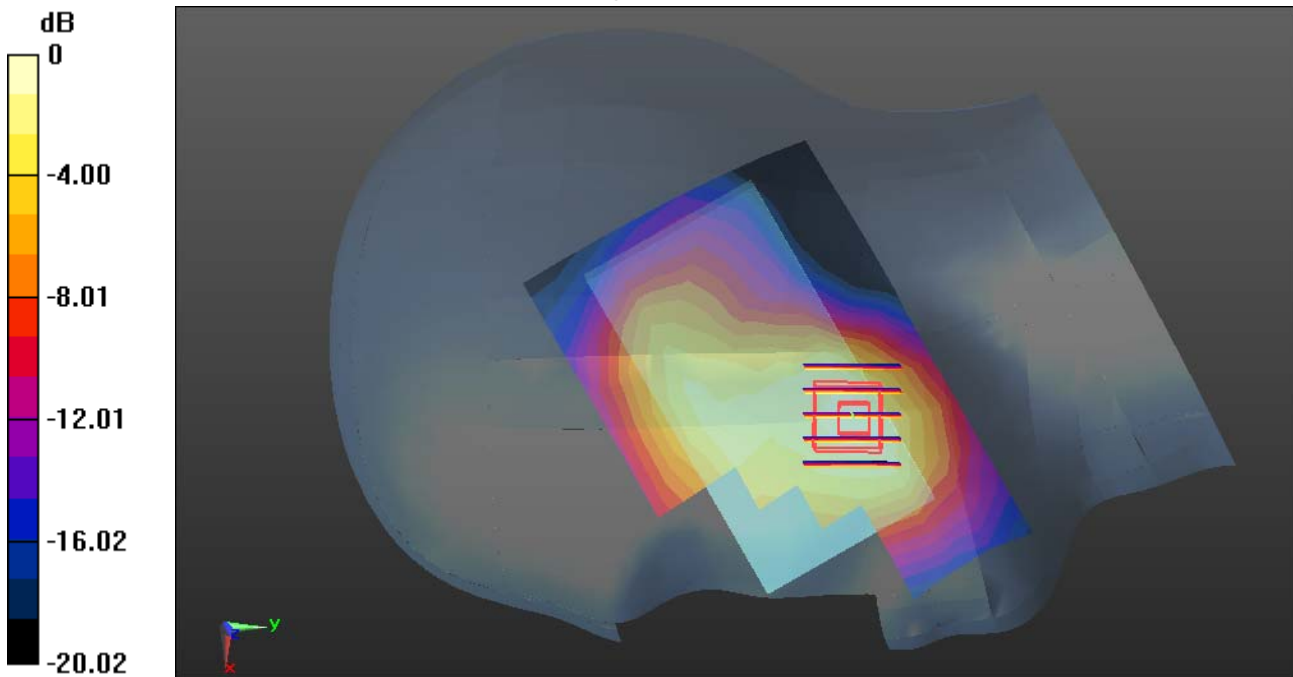
Reference Value = 6.497 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.806 W/kg

SAR(1 g) = 0.457 W/kg; SAR(10 g) = 0.254 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.635 W/kg



0 dB = 0.635 W/kg = -1.97 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/3/2014

PCS 1900-Right Head Tilted Low CH512

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, Generic GSM (0); Communication System Band: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.328$ S/m; $\epsilon_r = 40.631$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Right Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

PCS 1900/Right Head Tilted Low CH512/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.282 W/kg

PCS 1900/Right Head Tilted Low CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

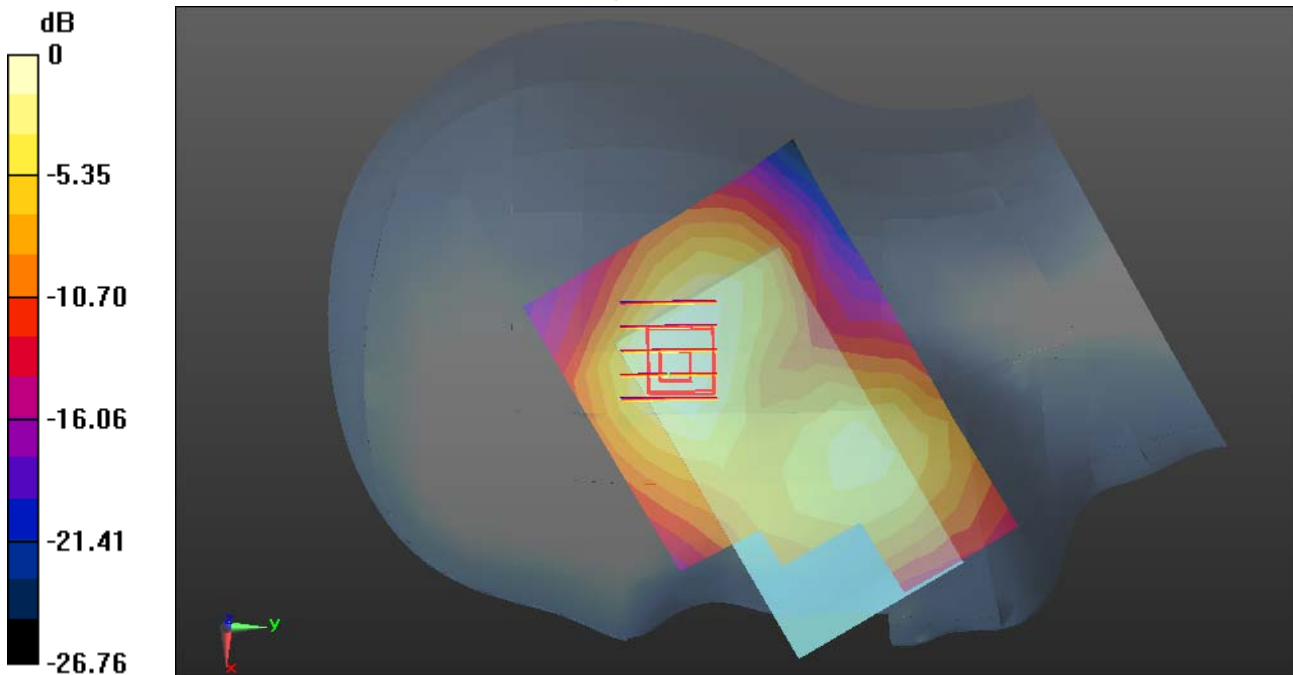
Reference Value = 12.99 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.363 W/kg

SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.118 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.284 W/kg



0 dB = 0.284 W/kg = -5.47 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/3/2014

PCS 1900-Left Head Cheek Low CH512

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, Generic GSM (0); Communication System Band: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.328$ S/m; $\epsilon_r = 40.631$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Left Section

Measurement Standard: DASYS (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
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

PCS 1900/Left Head Cheek Low CH512/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.509 W/kg

PCS 1900/Left Head Cheek Low CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

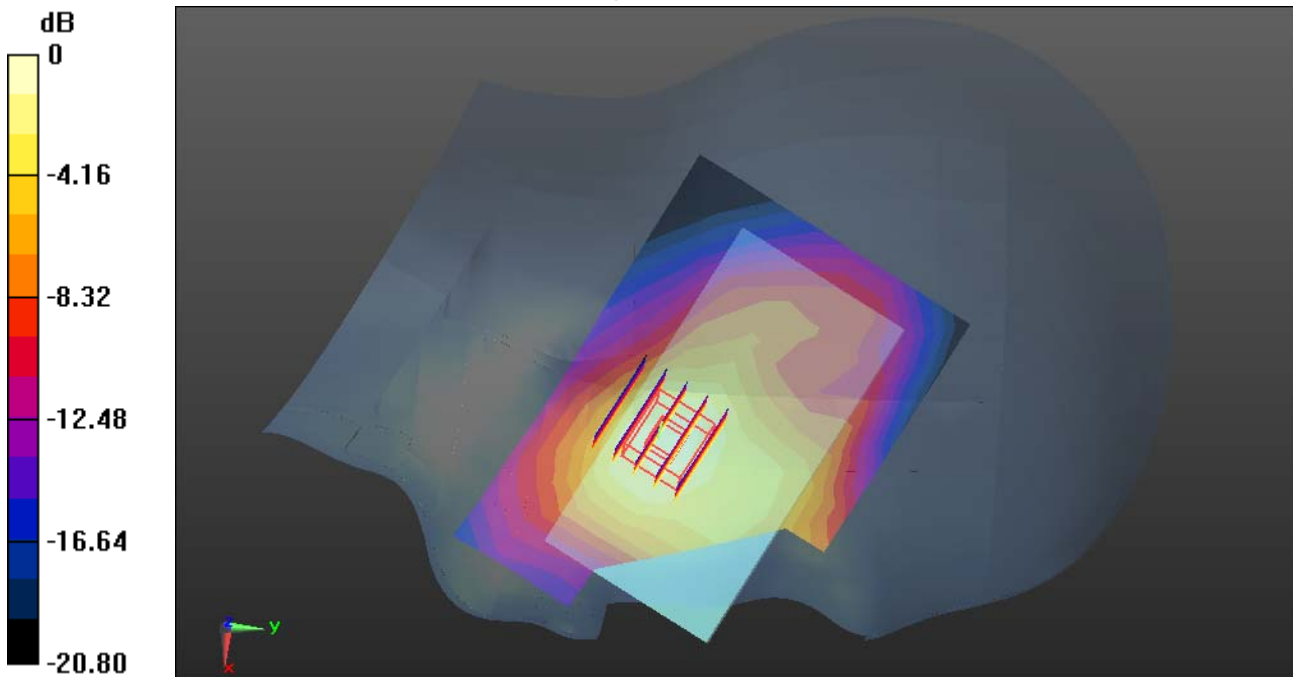
Reference Value = 7.539 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.750 W/kg

SAR(1 g) = 0.419 W/kg; SAR(10 g) = 0.233 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.580 W/kg



0 dB = 0.580 W/kg = -2.37 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/3/2014

PCS 1900-Left Head Tilted Low CH512

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, Generic GSM (0); Communication System Band: PCS1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.30042

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.328$ S/m; $\epsilon_r = 40.631$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Left Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

PCS 1900/Left Head Tilted Low CH512/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.235 W/kg

PCS 1900/Left Head Tilted Low CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

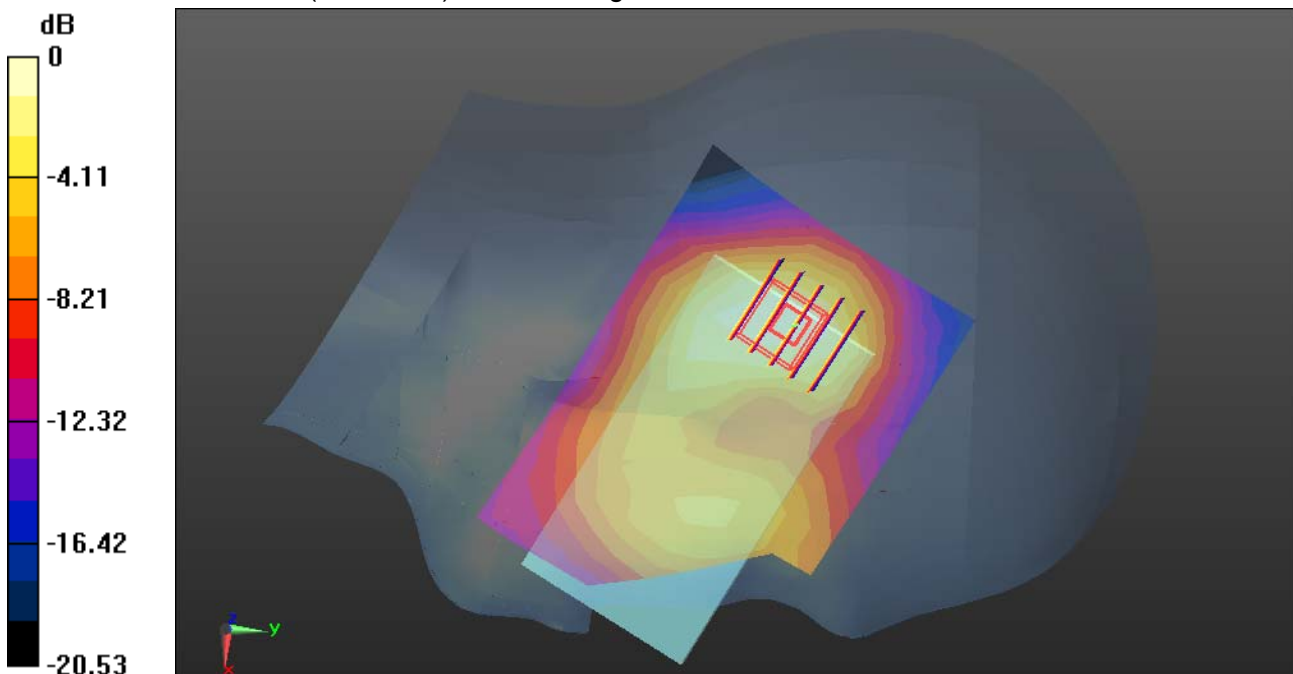
Reference Value = 14.13 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.322 W/kg

SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.100 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.250 W/kg



0 dB = 0.250 W/kg = -6.02 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/3/2014

WCDMA Band II-Right Head Cheek Low CH9262

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band II; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.336$ S/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Right Section

Measurement Standard: DASYS (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
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Right Head Cheek Low CH9262/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.05 W/kg

WCDMA Band II/Right Head Cheek Low CH9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

dx=8mm, dy=8mm, dz=5mm

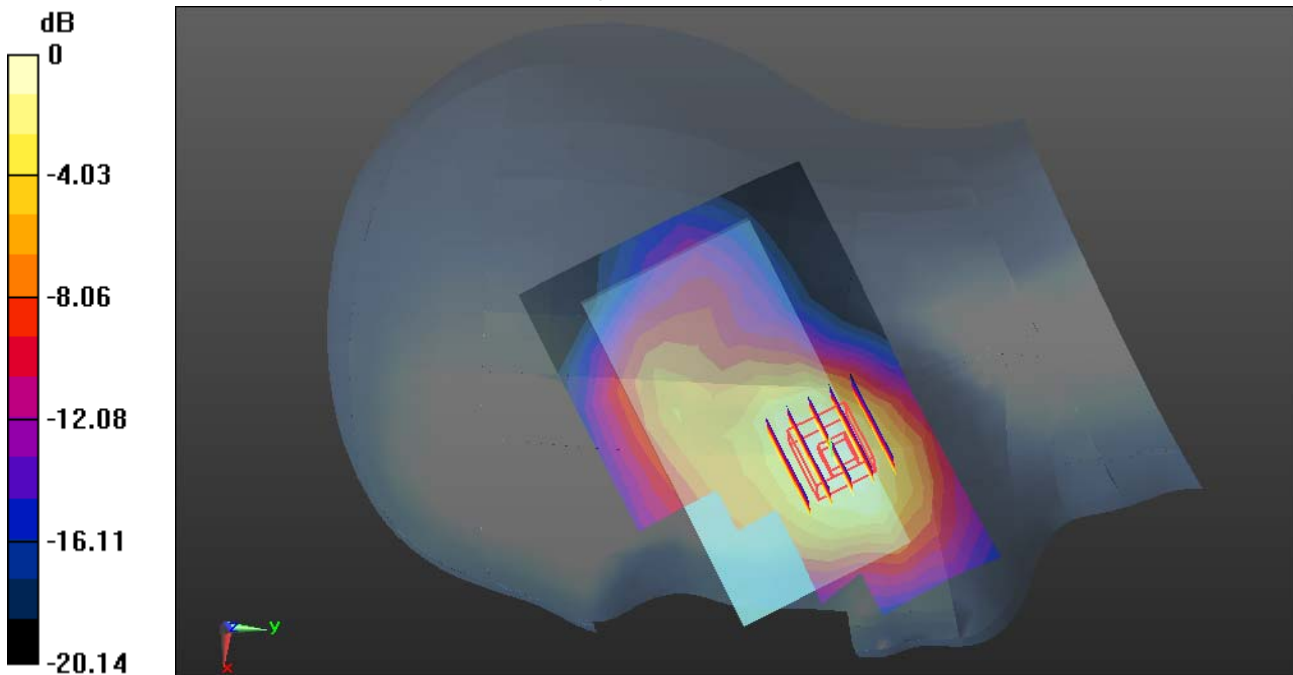
Reference Value = 7.988 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.799 W/kg; SAR(10 g) = 0.445 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.09 W/kg = 0.37 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/3/2014

WCDMA Band II-Right Head Cheek Middle CH9400

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

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; $\sigma = 1.41$ S/m; $\epsilon_r = 41.398$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Right Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Right Head Cheek Middle CH9400/Area Scan (8x11x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.42 W/kg

WCDMA Band II/Right Head Cheek Middle CH9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

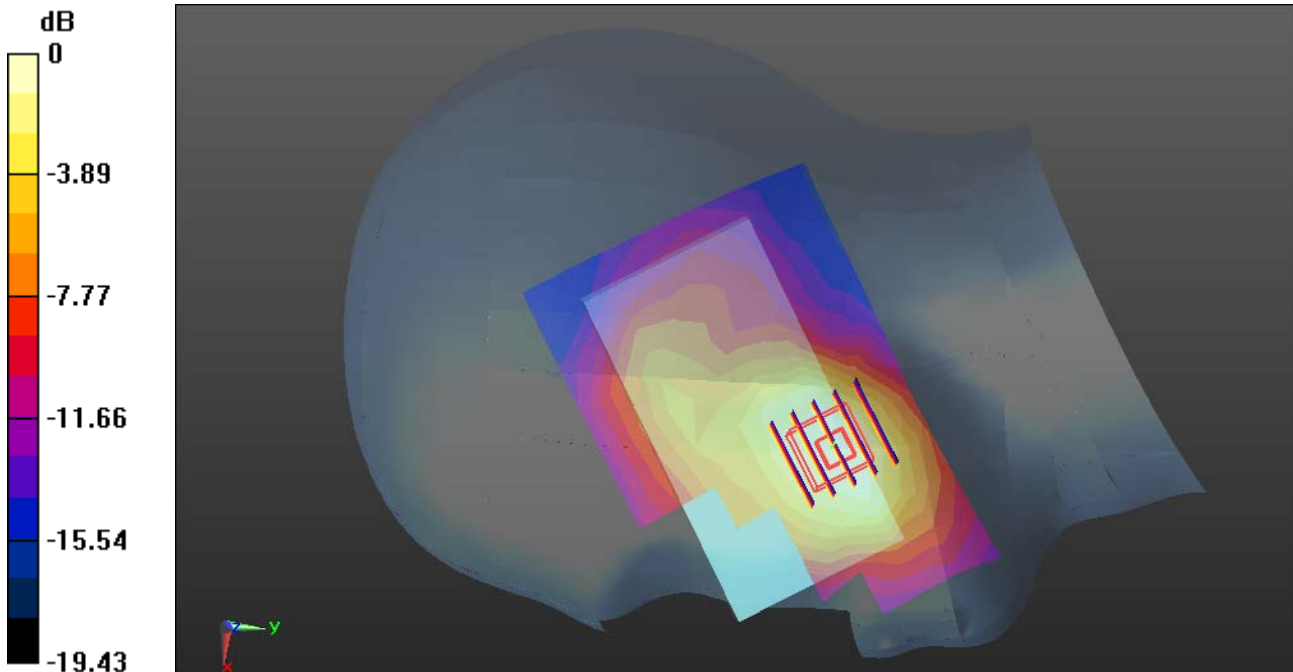
$dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.42 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.859 W/kg; SAR(10 g) = 0.476 W/kg

Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19 W/kg = 0.76 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/3/2014

WCDMA Band II-Right Head Cheek High CH9538

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band II; Frequency: 1907.6 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1908$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 41.603$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Right Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Right Head Cheek High CH9538/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.24 W/kg

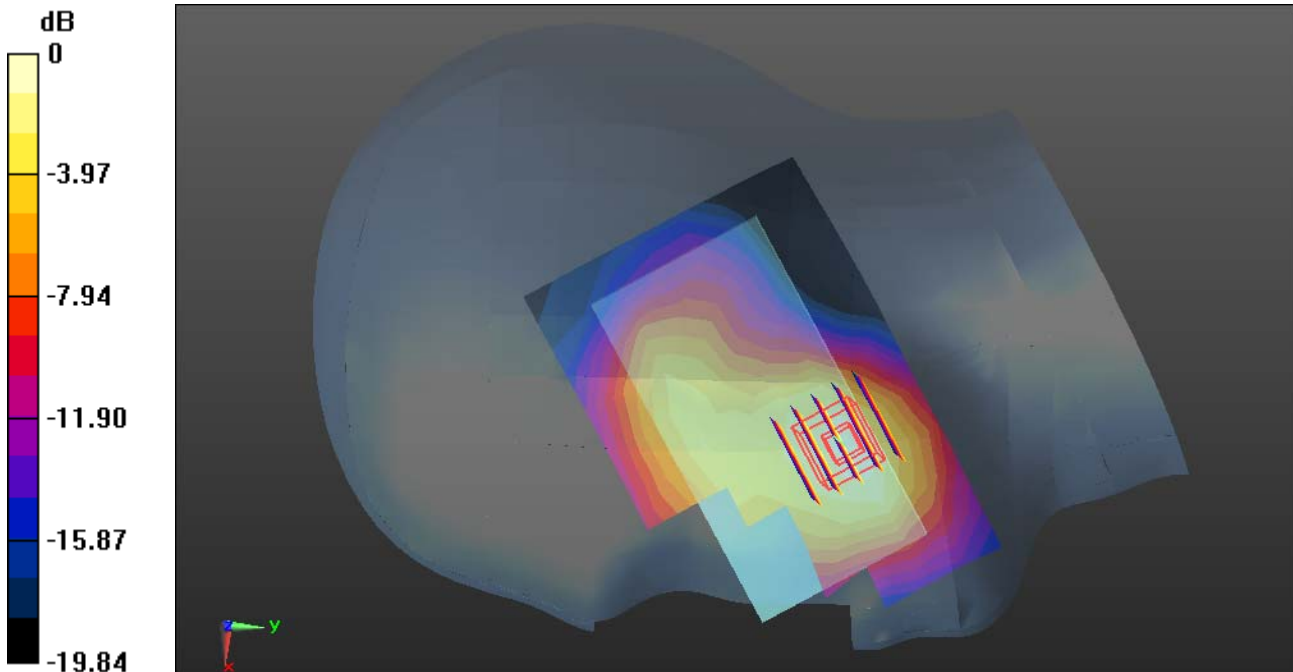
WCDMA Band II/Right Head Cheek High CH9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.848 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 0.973 W/kg; SAR(10 g) = 0.534 W/kg

Maximum value of SAR (measured) = 1.36 W/kg



0 dB = 1.36 W/kg = 1.34 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/3/2014

WCDMA Band II-Right Head Tilted High CH9538

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band II; Frequency: 1907.6 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1908$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 41.603$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Right Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Right Head Tilted High CH9538/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.553 W/kg

WCDMA Band II/Right Head Tilted High CH9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

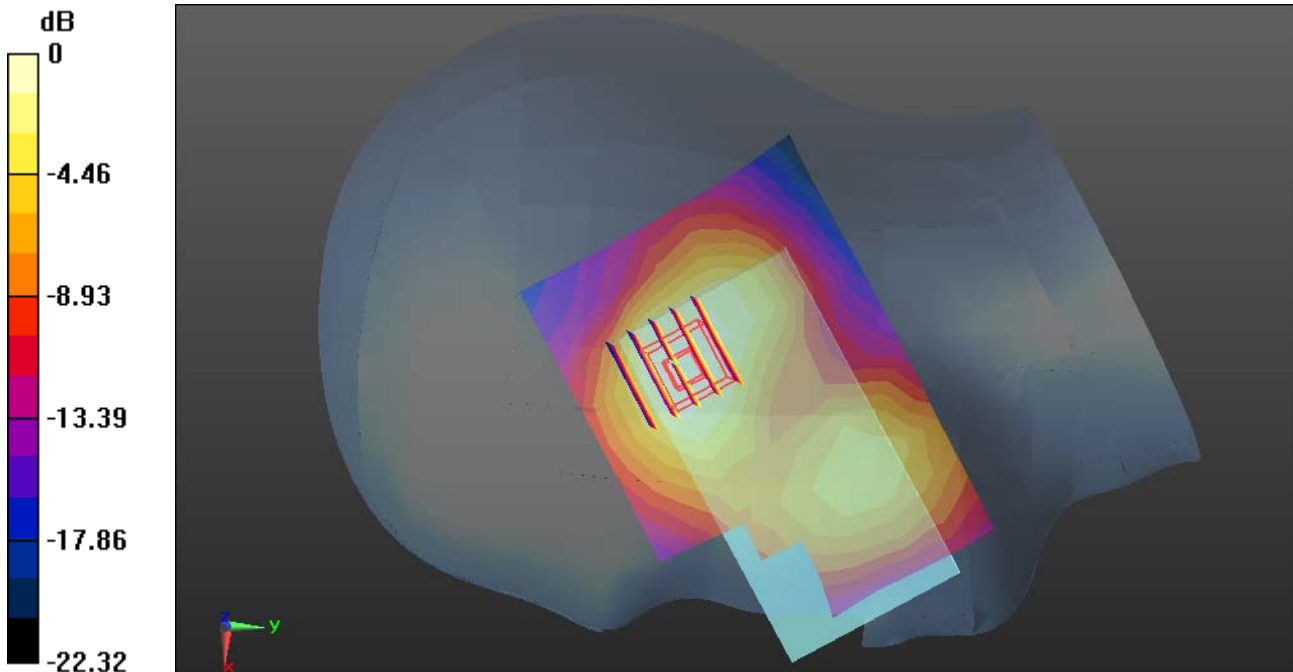
dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.77 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.753 W/kg

SAR(1 g) = 0.440 W/kg; SAR(10 g) = 0.251 W/kg

Maximum value of SAR (measured) = 0.594 W/kg



0 dB = 0.594 W/kg = -2.26 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/3/2014

WCDMA Band II-Left Head Cheek Low CH9262

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band II; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.336$ S/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°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/Left Head Cheek Low CH9262/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.946 W/kg

WCDMA Band II/Left Head Cheek Low CH9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

dx=8mm, dy=8mm, dz=5mm

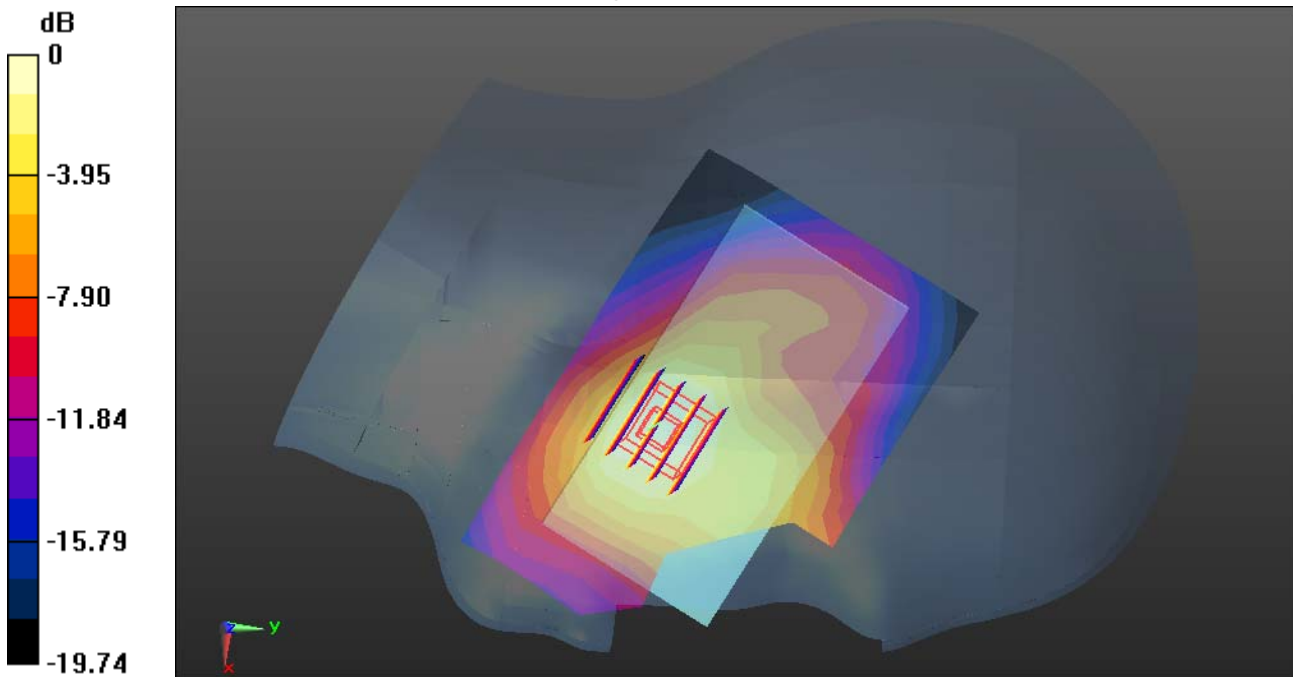
Reference Value = 9.815 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.733 W/kg; SAR(10 g) = 0.410 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.948 W/kg



0 dB = 0.948 W/kg = -0.23 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/3/2014

WCDMA Band II-Left Head Cheek Middle CH9400

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

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; $\sigma = 1.41$ S/m; $\epsilon_r = 41.398$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Left Section

Measurement Standard: DASYS (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
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Left Head Cheek Middle CH9400/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.908 W/kg

WCDMA Band II/Left Head Cheek Middle CH9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

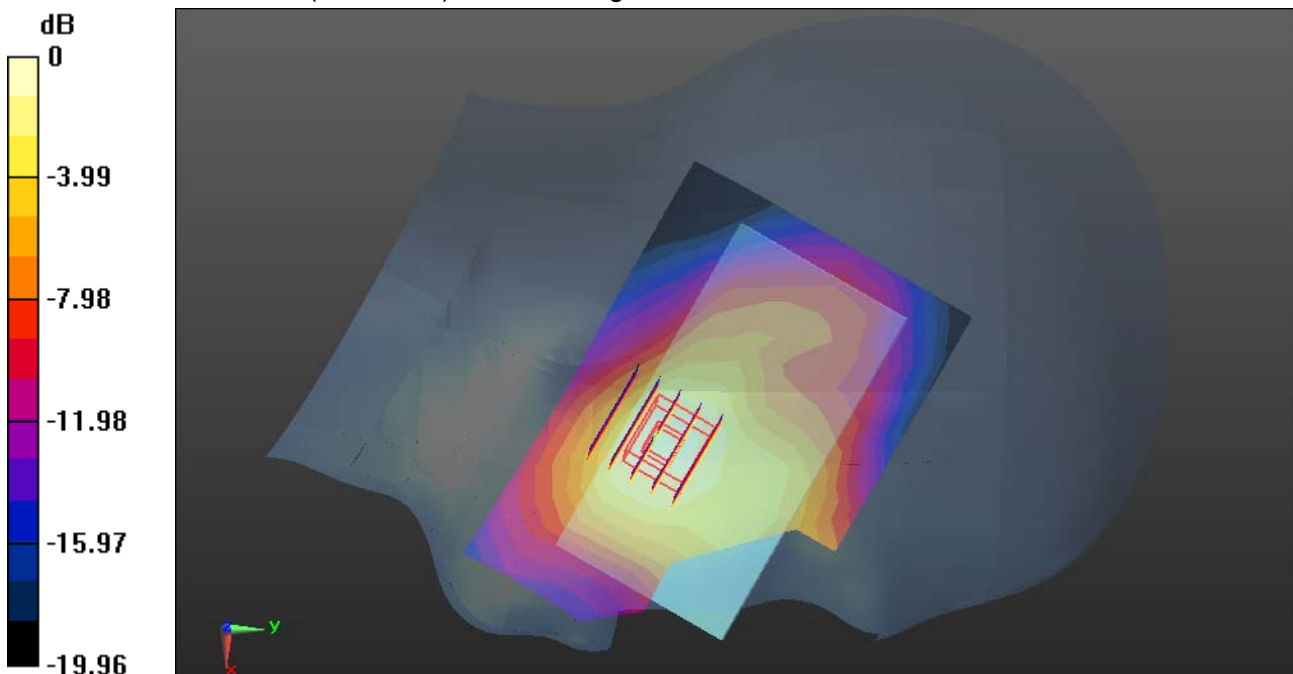
dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.328 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.728 W/kg; SAR(10 g) = 0.404 W/kg

Maximum value of SAR (measured) = 0.950 W/kg



0 dB = 0.950 W/kg = -0.22 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/3/2014

WCDMA Band II-Left Head Cheek High CH9538

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band II; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.402 \text{ S/m}$; $\epsilon_r = 41.603$; $\rho = 1000 \text{ kg/m}^3$

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Left Section

Measurement Standard: DASYS (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
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Left Head Cheek High CH9538/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.01 W/kg

WCDMA Band II/Left Head Cheek High CH9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

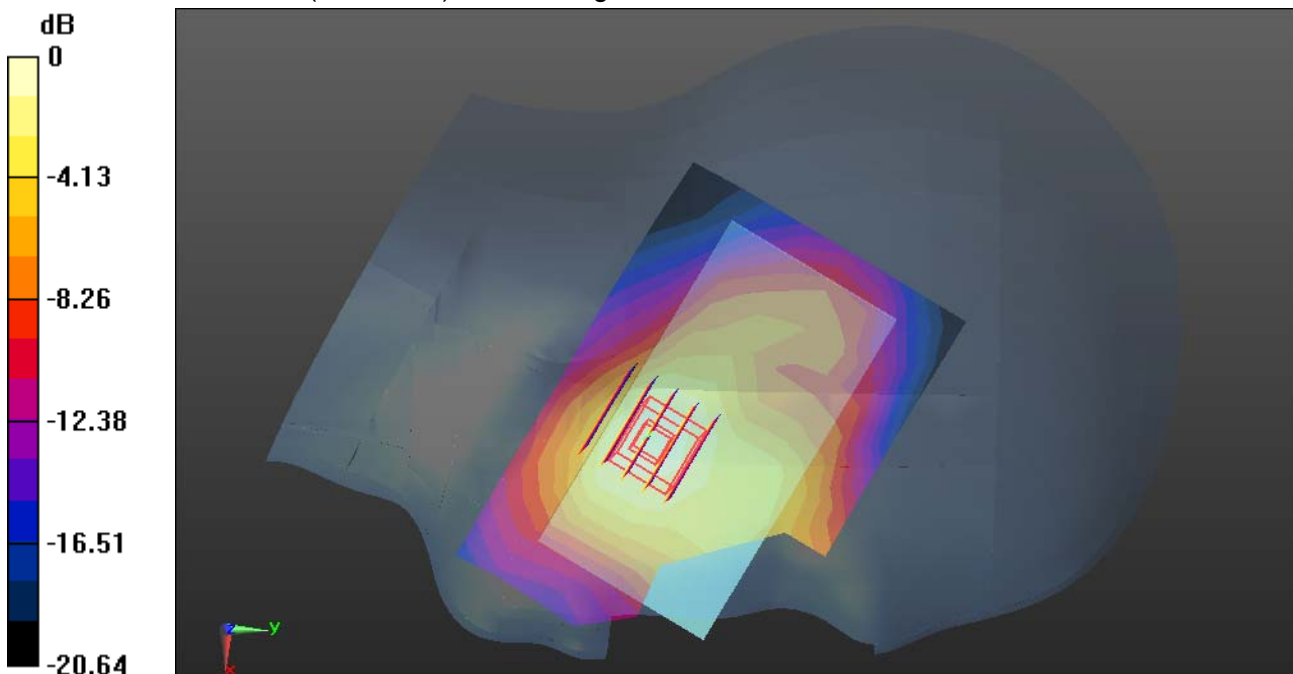
dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.98 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.798 W/kg; SAR(10 g) = 0.440 W/kg

Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg = 0.17 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/3/2014

WCDMA Band II-Left Head Tilted High CH9538

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band II; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1908$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 41.603$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Left Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Left Head Tilted High CH9538/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.446 W/kg

WCDMA Band II/Left Head Tilted High CH9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

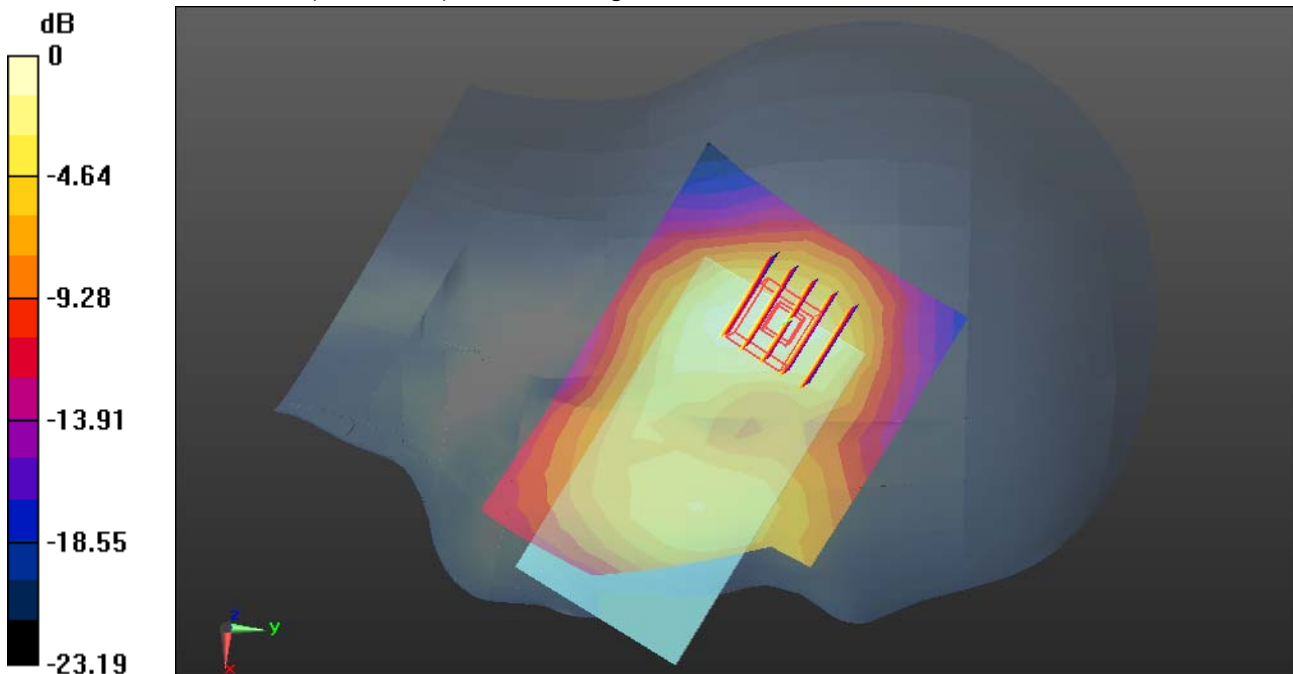
dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.80 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.623 W/kg

SAR(1 g) = 0.344 W/kg; SAR(10 g) = 0.192 W/kg

Maximum value of SAR (measured) = 0.478 W/kg



0 dB = 0.478 W/kg = -3.21 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/2/2014

WCDMA Band V-Right Head Cheek Low CH4132

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

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; $\sigma = 0.905$ S/m; $\epsilon_r = 41.052$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Right Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band V/Right Head Cheek Low CH4132/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.460 W/kg

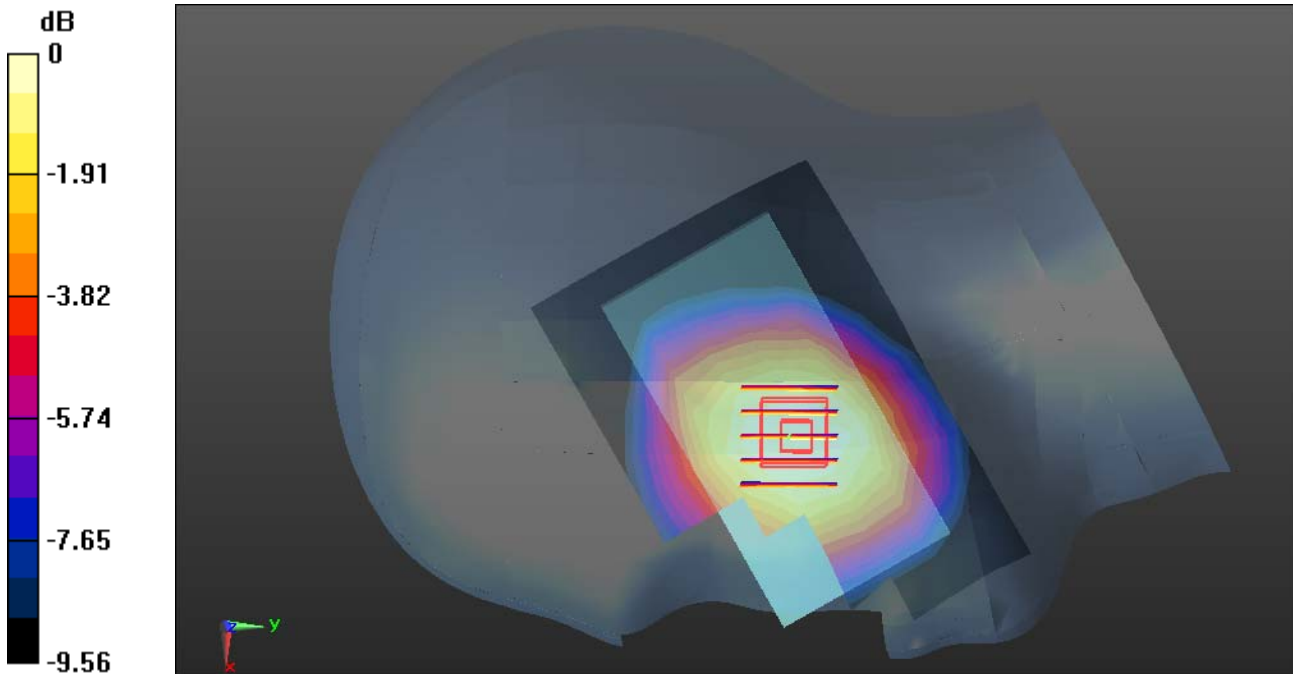
WCDMA Band V/Right Head Cheek Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.101 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.490 W/kg

SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.293 W/kg

Maximum value of SAR (measured) = 0.450 W/kg



0 dB = 0.450 W/kg = -3.47 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/2/2014

WCDMA Band V-Right Head Tilted Low CH4132

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

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; $\sigma = 0.905$ S/m; $\epsilon_r = 41.052$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Right Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band V/Right Head Tilted Low CH4132/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.145 W/kg

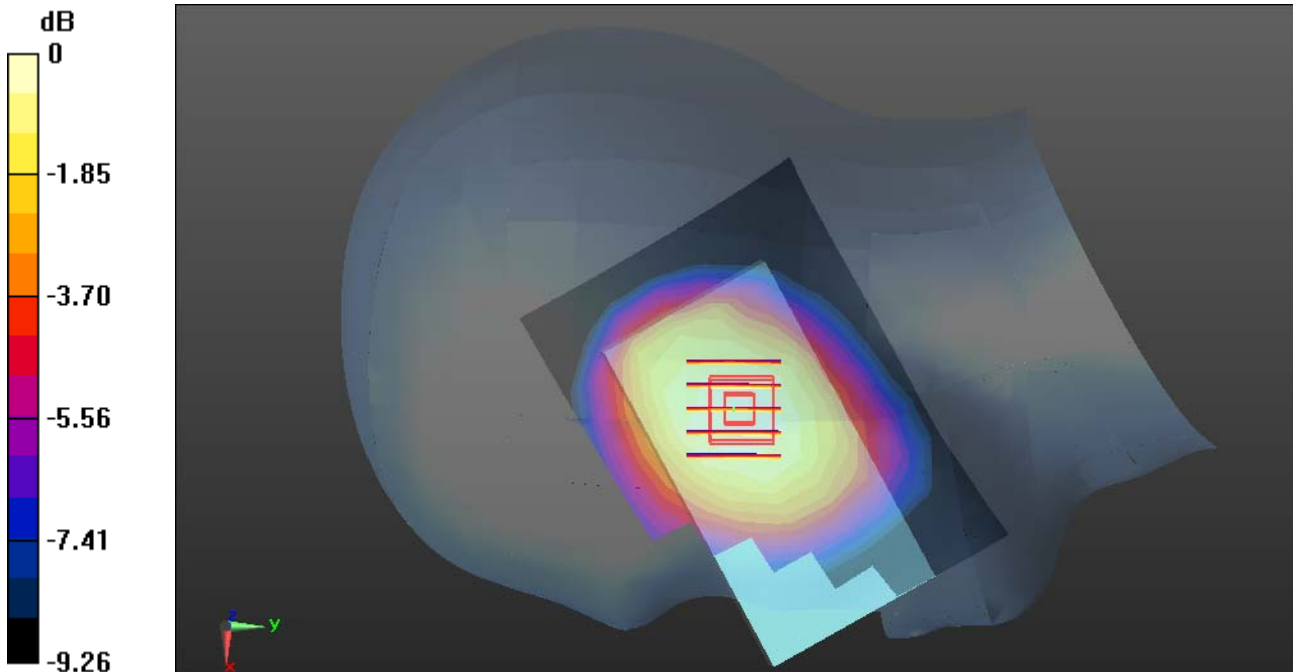
WCDMA Band V/Right Head Tilted Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.14 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.148 W/kg

SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.093 W/kg

Maximum value of SAR (measured) = 0.137 W/kg



0 dB = 0.137 W/kg = -8.63 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/2/2014

WCDMA Band V-Left Head Cheek Low CH4132

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

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; $\sigma = 0.905$ S/m; $\epsilon_r = 41.052$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Left Section

Measurement Standard: DASYS (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
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band V/Left Head Cheek Low CH4132/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.447 W/kg

WCDMA Band V/Left Head Cheek Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

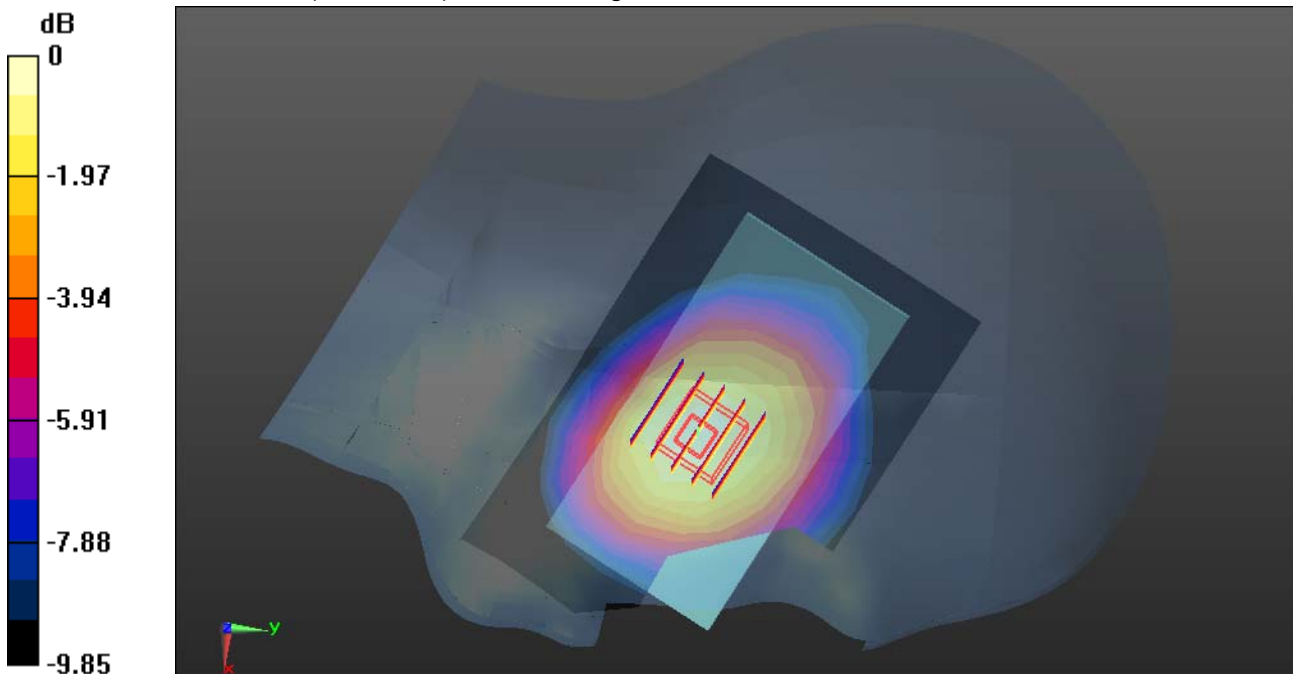
dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.288 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.521 W/kg

SAR(1 g) = 0.406 W/kg; SAR(10 g) = 0.301 W/kg

Maximum value of SAR (measured) = 0.468 W/kg



0 dB = 0.468 W/kg = -3.30 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/2/2014

WCDMA Band V-Left Head Tilted Low CH4132

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

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; $\sigma = 0.905$ S/m; $\epsilon_r = 41.052$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Left Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band V/Left Head Tilted Low CH4132/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.324 W/kg

WCDMA Band V/Left Head Tilted Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

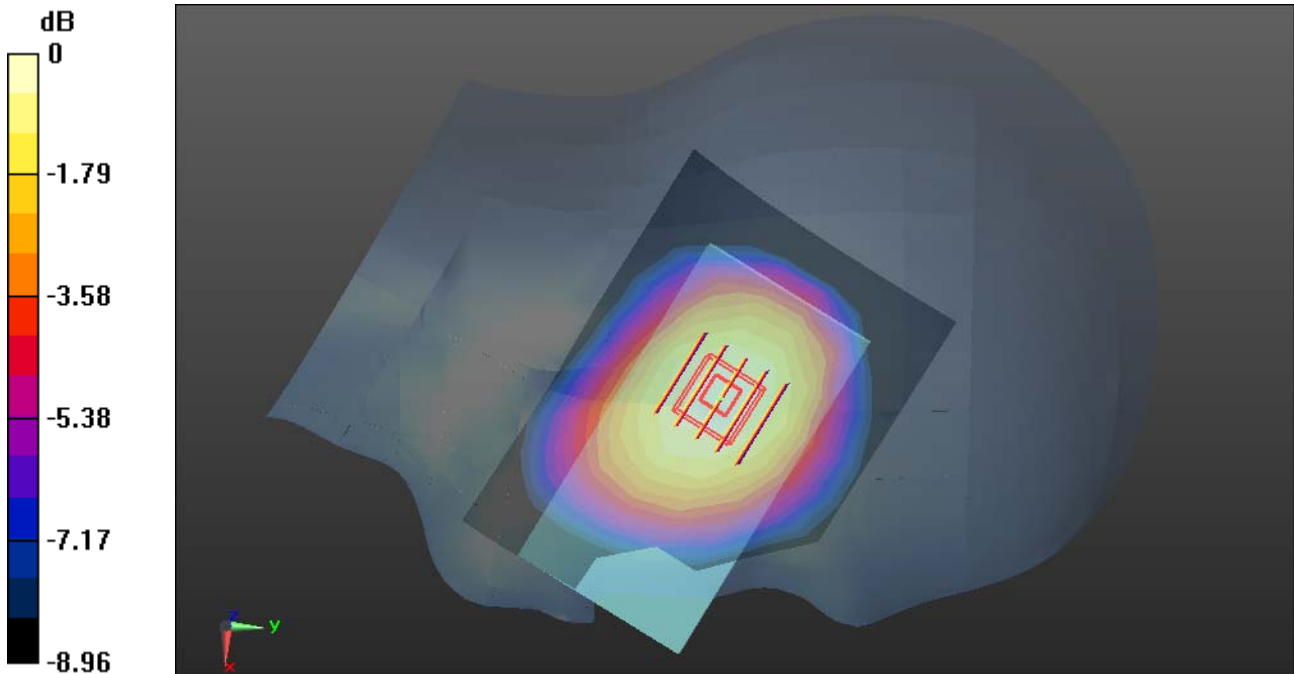
dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.55 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.355 W/kg

SAR(1 g) = 0.291 W/kg; SAR(10 g) = 0.223 W/kg

Maximum value of SAR (measured) = 0.330 W/kg



0 dB = 0.330 W/kg = -4.81 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/4/2014

WIFI-Right Head Cheek Middle CH6

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;
Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.801$ S/m; $\epsilon_r = 38.94$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Right Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WIFI/Right Head Cheek Middle CH6/Area Scan (9x13x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.122 W/kg

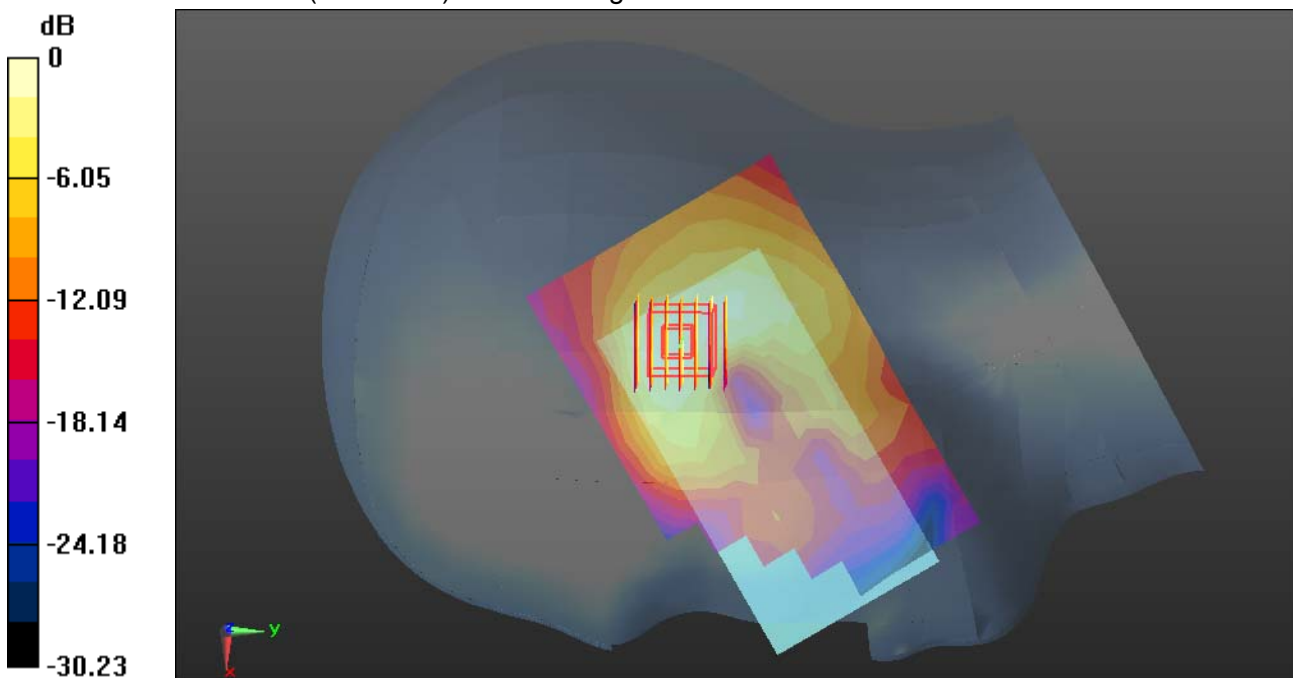
WIFI/Right Head Cheek Middle CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.564 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.163 W/kg

SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.047 W/kg

Maximum value of SAR (measured) = 0.125 W/kg



0 dB = 0.125 W/kg = -9.03 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/4/2014

WIFI-Right Head Tilted Middle CH6

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;
Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.801 \text{ S/m}$; $\epsilon_r = 38.94$; $\rho = 1000 \text{ kg/m}^3$

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Right Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WIFI/Right Head Tilted Middle CH6/Area Scan (9x13x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.134 W/kg

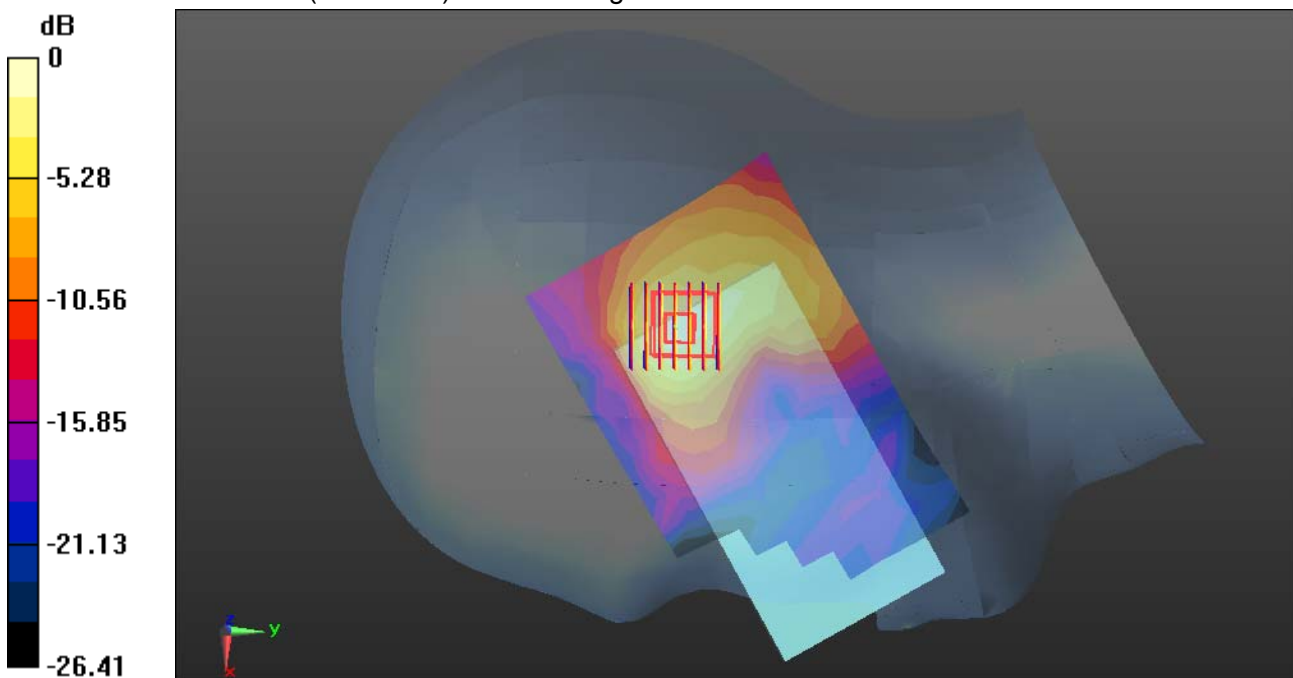
WIFI/Right Head Tilted Middle CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.276 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.195 W/kg

SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.050 W/kg

Maximum value of SAR (measured) = 0.147 W/kg



0 dB = 0.147 W/kg = -8.33 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/4/2014

WIFI-Left Head Cheek Middle CH6

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;
Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.801 \text{ S/m}$; $\epsilon_r = 38.94$; $\rho = 1000 \text{ kg/m}^3$

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Left Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WIFI/Left Head Cheek Middle CH6/Area Scan (9x13x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.226 W/kg

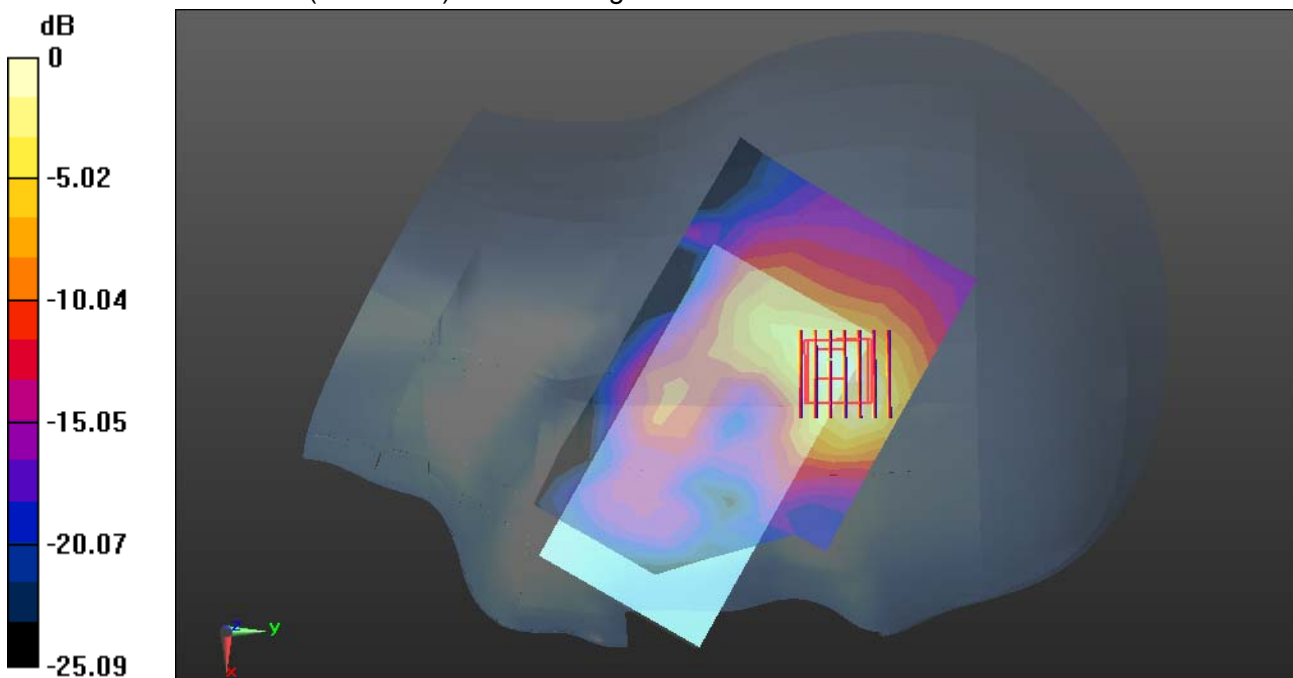
WIFI/Left Head Cheek Middle CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.516 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.354 W/kg

SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.068 W/kg

Maximum value of SAR (measured) = 0.246 W/kg



0 dB = 0.246 W/kg = -6.09 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/4/2014

WIFI-Left Head Tilted Middle CH6

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;
Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.801$ S/m; $\epsilon_r = 38.94$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Left Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WIFI/Left Head Tilted Middle CH6/Area Scan (9x13x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.145 W/kg

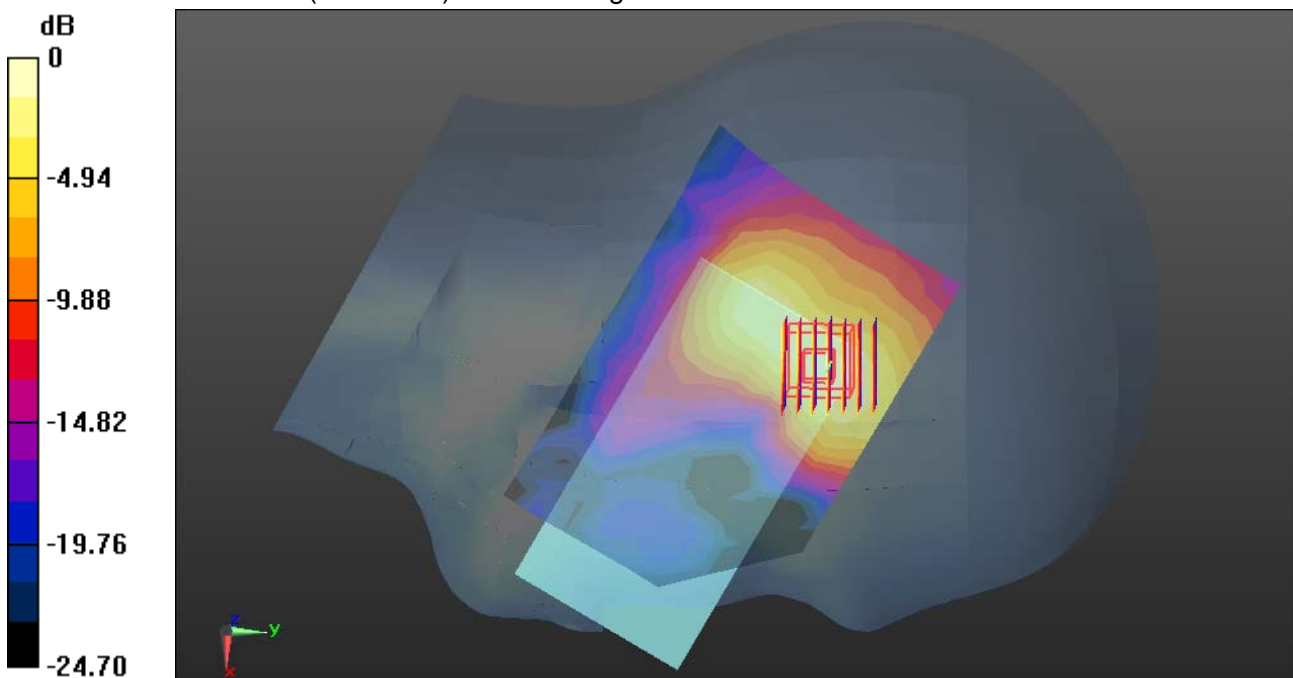
WIFI/Left Head Tilted Middle CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.536 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.201 W/kg

SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.045 W/kg

Maximum value of SAR (measured) = 0.144 W/kg



0 dB = 0.144 W/kg = -8.42 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/2/2014

GPRS 850-Body Front Low CH128

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2.0797

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.955$ S/m; $\epsilon_r = 56.407$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GPRS 850/Body Front Low CH128/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.309 W/kg

GPRS 850/Body Front Low CH128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

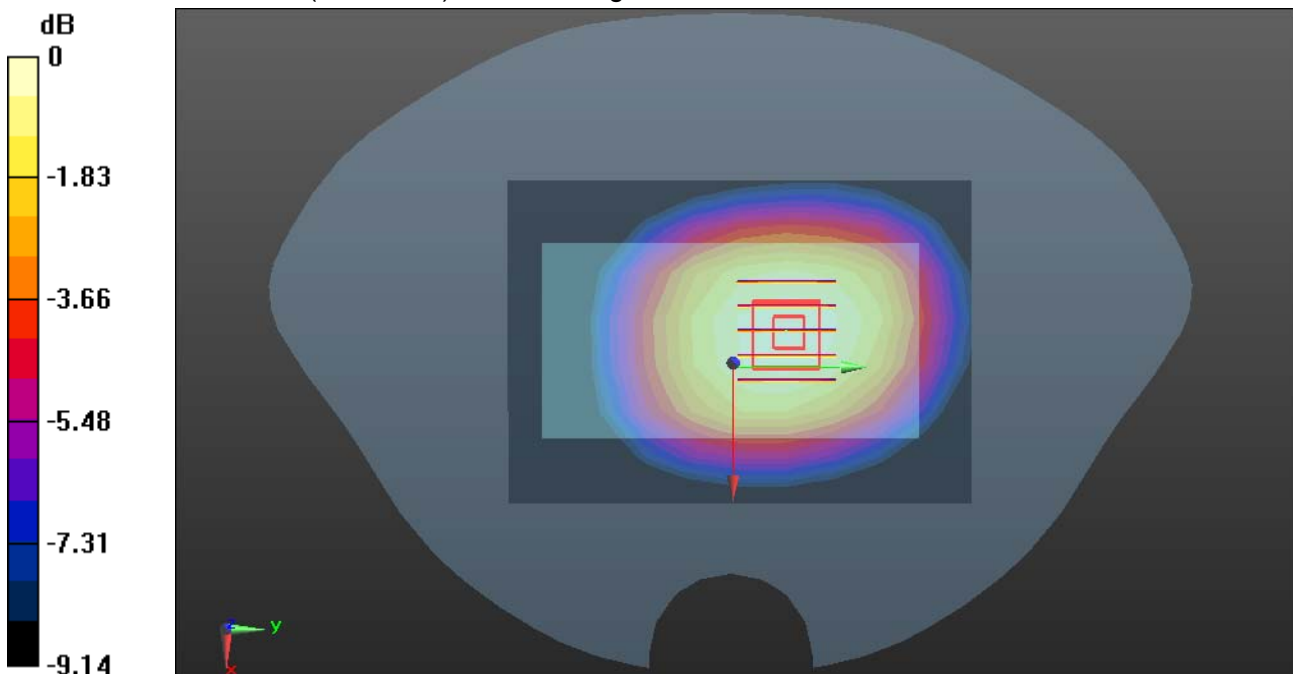
Reference Value = 17.57 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.344 W/kg

SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.210 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.316 W/kg



0 dB = 0.316 W/kg = -5.00 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/2/2014

GPRS 850-Body Rear Low CH128

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2.0797

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.955$ S/m; $\epsilon_r = 56.407$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GPRS 850/Body Rear Low CH128/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.783 W/kg

GPRS 850/Body Rear Low CH128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

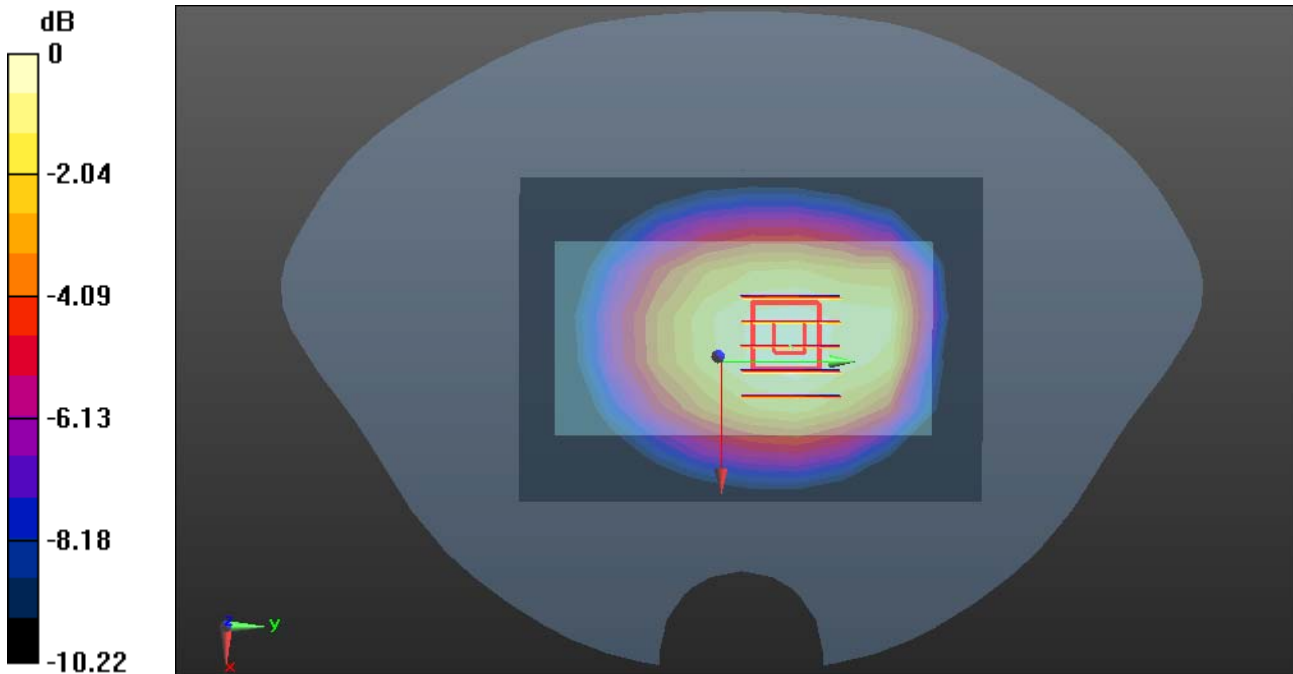
Reference Value = 28.03 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.876 W/kg

SAR(1 g) = 0.664 W/kg; SAR(10 g) = 0.520 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.796 W/kg



0 dB = 0.796 W/kg = -0.99 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/2/2014

GPRS 850-Body Right Low CH128

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2.0797

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.955$ S/m; $\epsilon_r = 56.407$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GPRS 850/Body Right Low CH128/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.320 W/kg

GPRS 850/Body Right Low CH128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

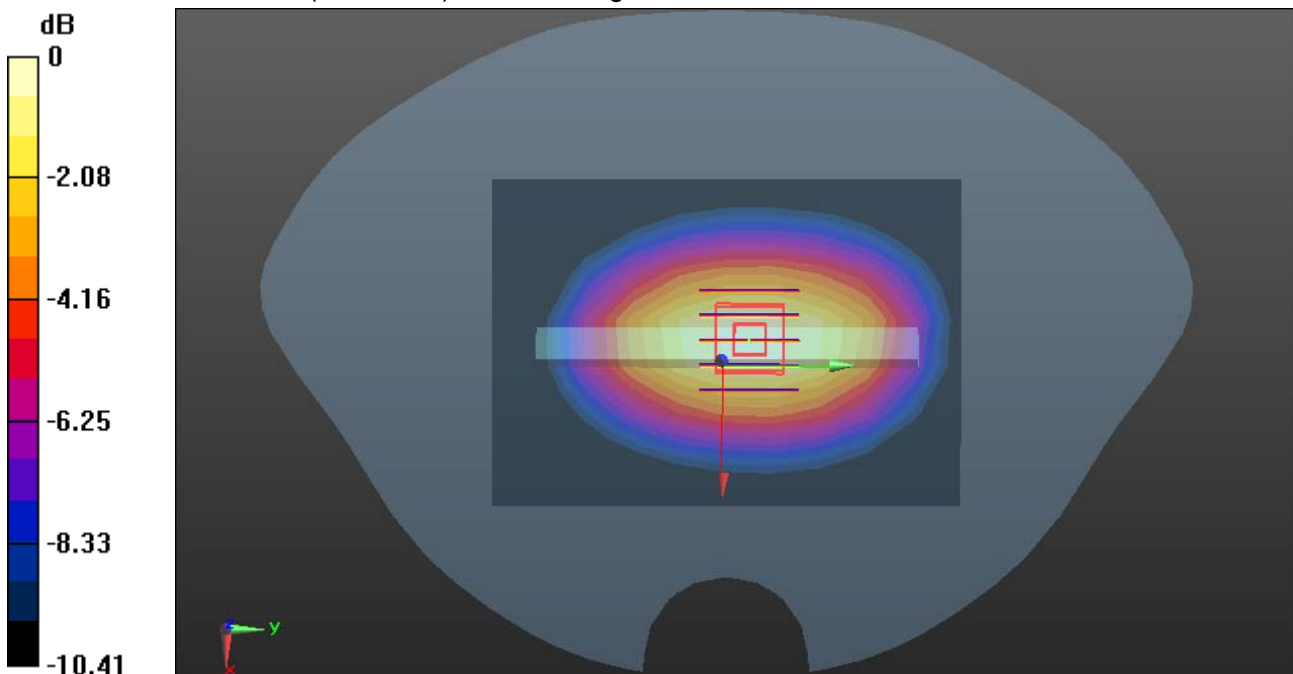
Reference Value = 19.54 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.408 W/kg

SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.207 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.358 W/kg



0 dB = 0.358 W/kg = -4.46 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/2/2014

GPRS 850-Body Left Low CH128

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2.0797

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.955$ S/m; $\epsilon_r = 56.407$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GPRS 850/Body Left Low CH128/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.411 W/kg

GPRS 850/Body Left Low CH128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

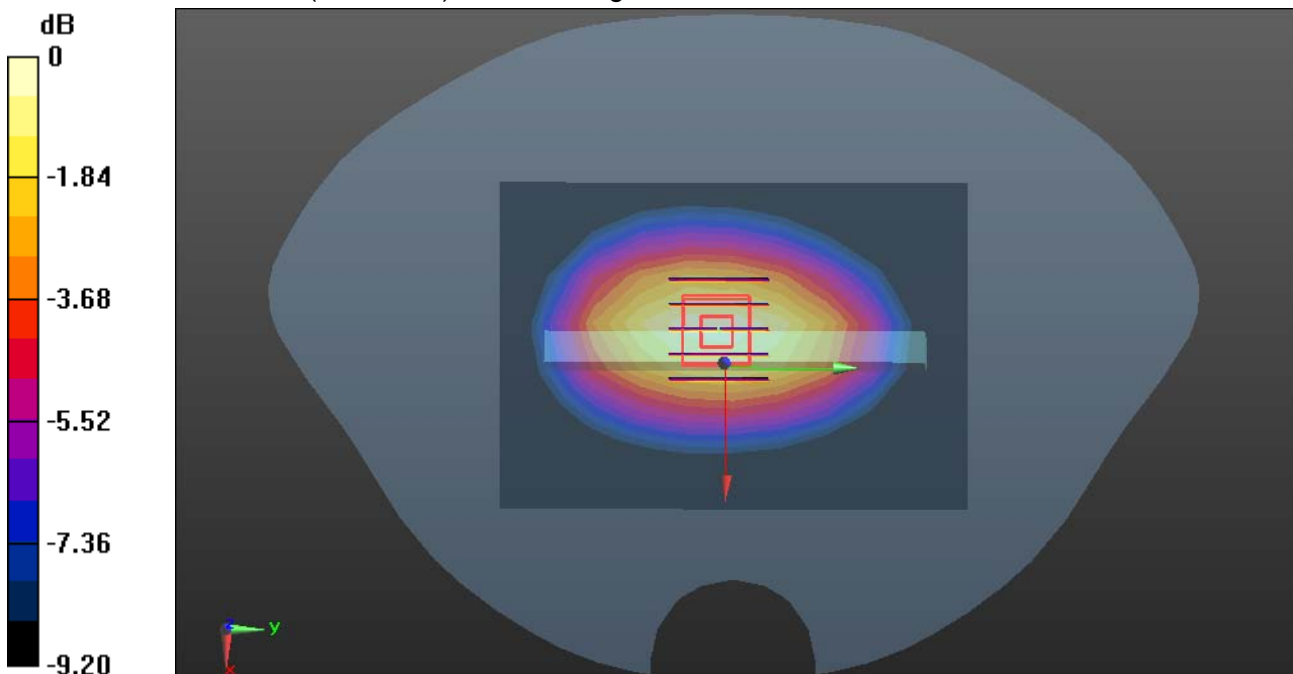
Reference Value = 21.34 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.479 W/kg

SAR(1 g) = 0.348 W/kg; SAR(10 g) = 0.244 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.422 W/kg



0 dB = 0.422 W/kg = -3.75 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/2/2014

GPRS 850-Body Bottom Low CH128

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2.0797

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.955$ S/m; $\epsilon_r = 56.407$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GPRS 850/Body Bottom Low CH128/Area Scan (10x8x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0497 W/kg

GPRS 850/Body Bottom Low CH128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

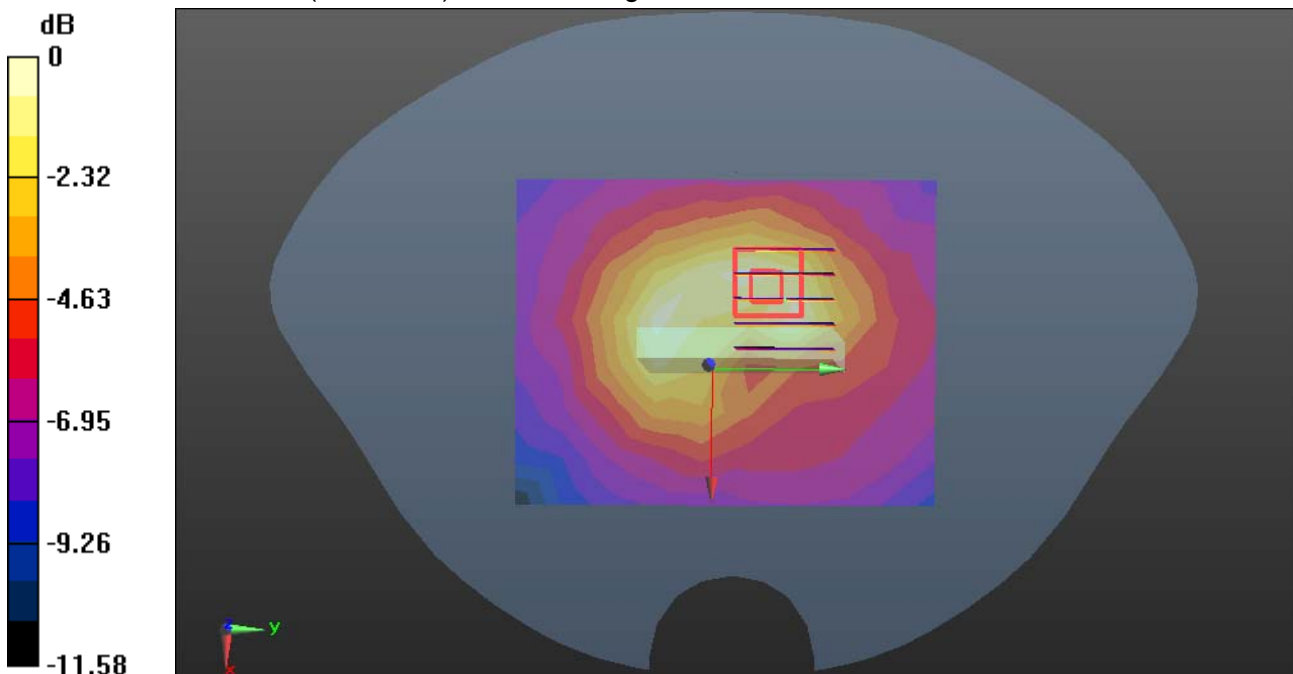
Reference Value = 5.004 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.0690 W/kg

SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.026 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0539 W/kg



0 dB = 0.0539 W/kg = -12.68 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/3/2014

GPRS 1900-Body Front High CH810

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, Generic GSM (0); Communication System Band: PCS1900; Frequency: 1909.8 MHz;Duty Cycle: 1:2.0797

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.536$ S/m; $\epsilon_r = 53.336$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GPRS 1900/Body Front High CH810/Area Scan (12x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.602 W/kg

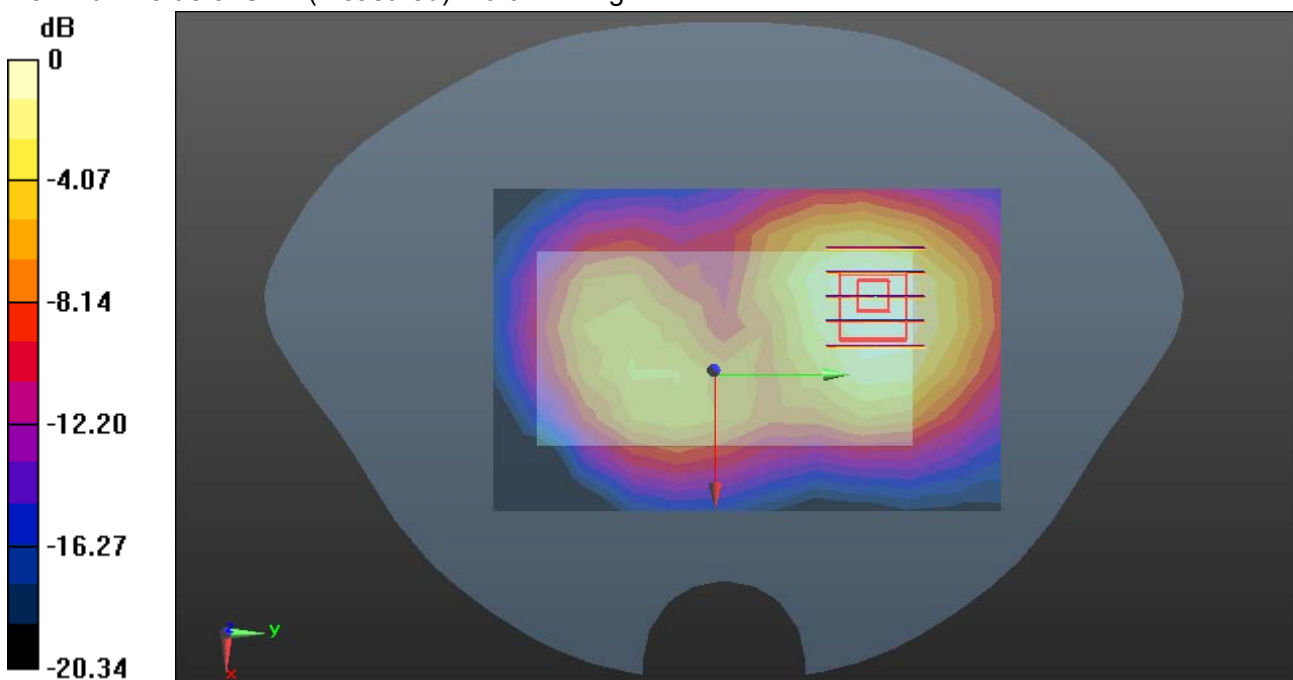
GPRS 1900/Body Front High CH810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.488 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.816 W/kg

SAR(1 g) = 0.442 W/kg; SAR(10 g) = 0.251 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: 12/3/2014

GPRS 1900-Body Rear High CH810

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, Generic GSM (0); Communication System Band: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.0797

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.536$ S/m; $\epsilon_r = 53.336$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GPRS 1900/Body Rear High CH810/Area Scan (12x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.05 W/kg

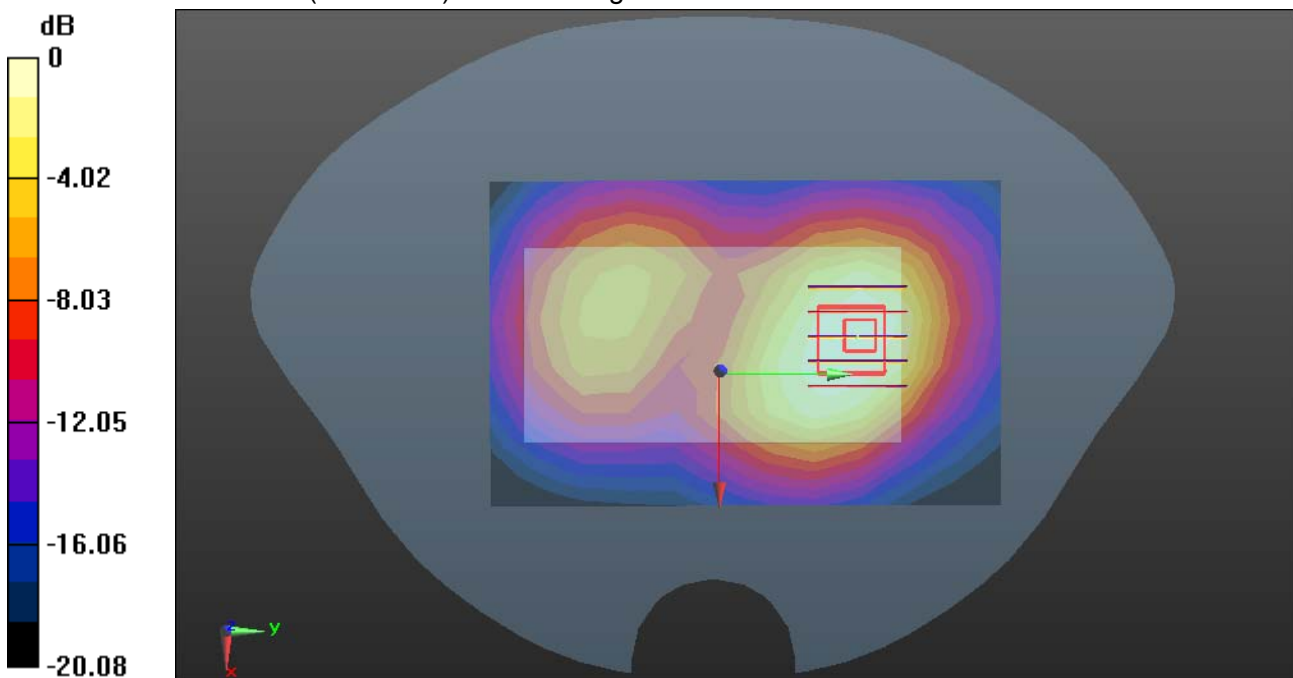
GPRS 1900/Body Rear High CH810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.644 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.657 W/kg; SAR(10 g) = 0.377 W/kg

Maximum value of SAR (measured) = 0.945 W/kg



0 dB = 0.945 W/kg = -0.25 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/3/2014

GPRS 1900-Body Right High CH810

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, Generic GSM (0); Communication System Band: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.0797

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.536$ S/m; $\epsilon_r = 53.336$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GPRS 1900/Body Right High CH810/Area Scan (13x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.295 W/kg

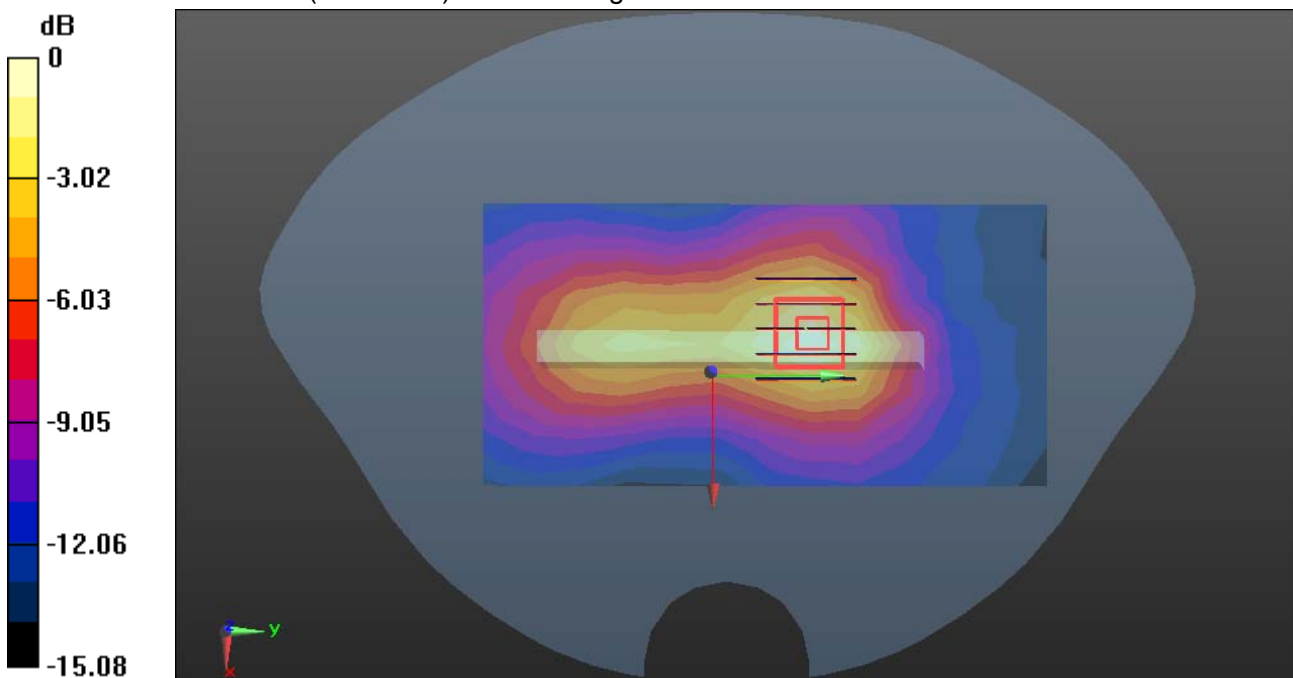
GPRS 1900/Body Right High CH810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.67 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.407 W/kg

SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.112 W/kg

Maximum value of SAR (measured) = 0.305 W/kg



0 dB = 0.305 W/kg = -5.16 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/3/2014

GPRS 1900-Body Left High CH810

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, Generic GSM (0); Communication System Band: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.0797

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.536$ S/m; $\epsilon_r = 53.336$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GPRS 1900/Body Left High CH810/Area Scan (12x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.160 W/kg

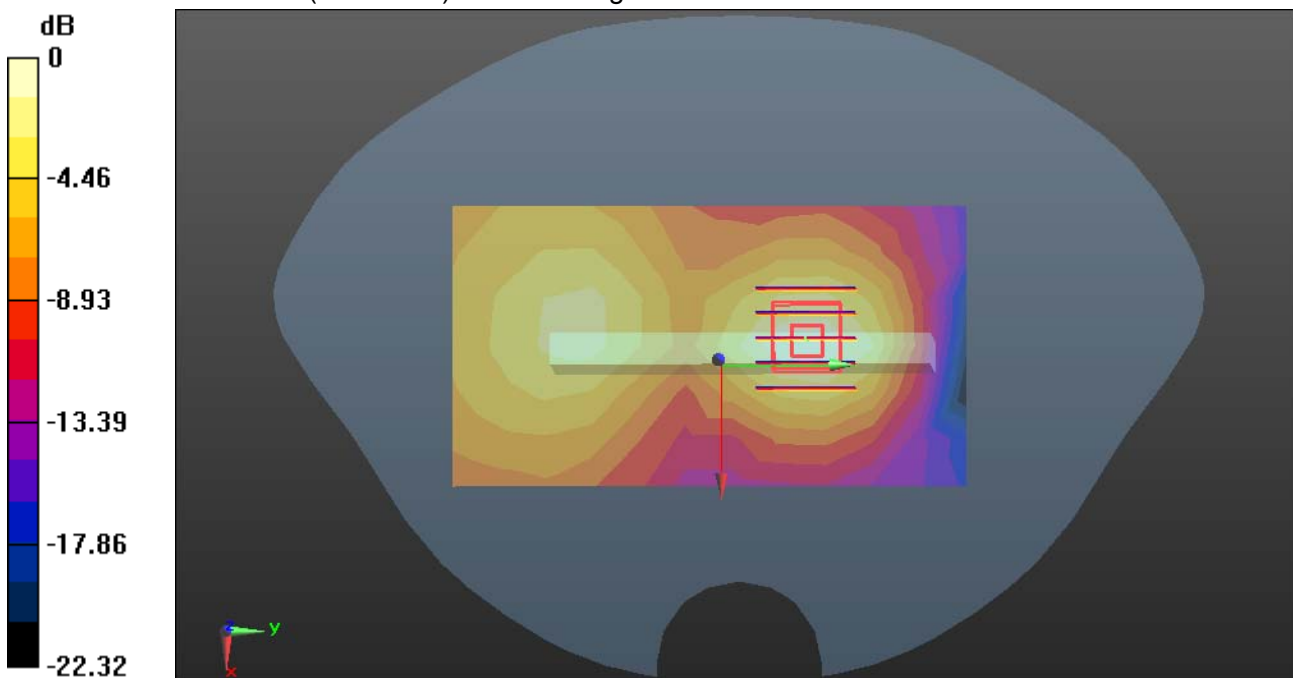
GPRS 1900/Body Left High CH810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.785 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.223 W/kg

SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.063 W/kg

Maximum value of SAR (measured) = 0.169 W/kg



0 dB = 0.169 W/kg = -7.72 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/3/2014

GPRS 1900-Body Bottom High CH810

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, Generic GSM (0); Communication System Band: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.0797

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.536$ S/m; $\epsilon_r = 53.336$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GPRS 1900/Body Bottom High CH810/Area Scan (10x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.670 W/kg

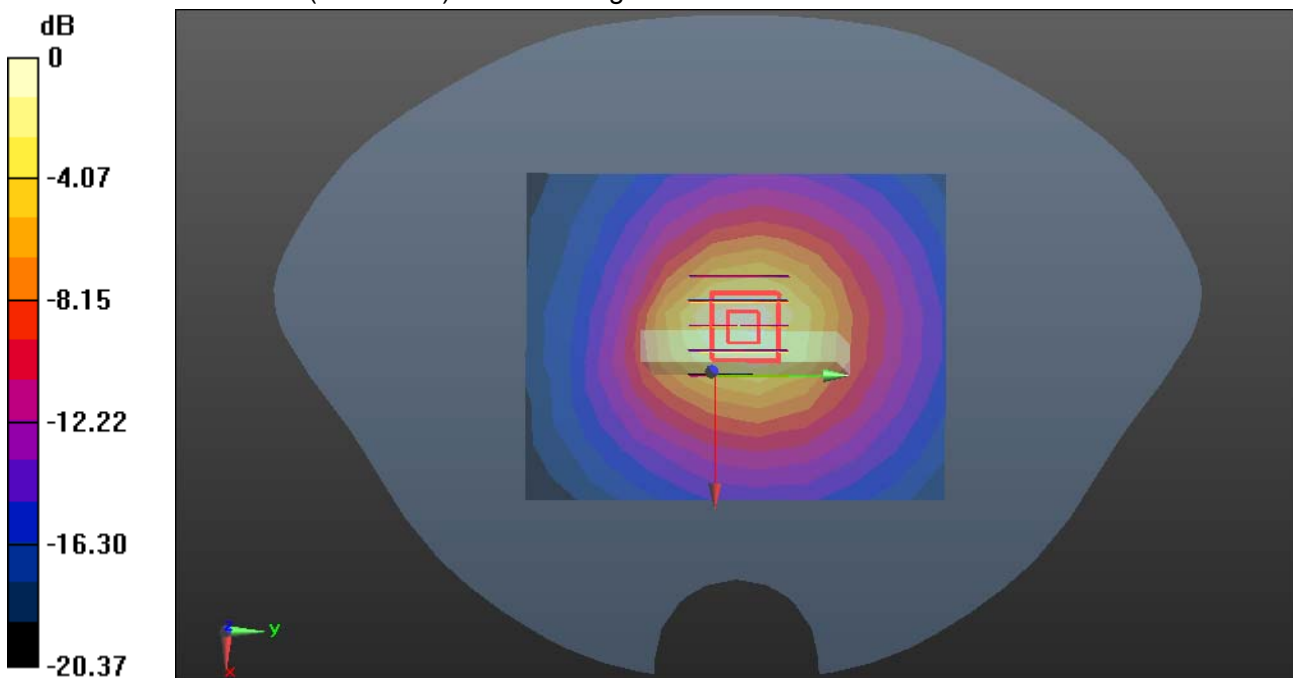
GPRS 1900/Body Bottom High CH810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.73 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.517 W/kg; SAR(10 g) = 0.265 W/kg

Maximum value of SAR (measured) = 0.756 W/kg



0 dB = 0.756 W/kg = -1.21 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/3/2014

WCDMA Band II-Body Front Low CH9262

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band II; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.533$ S/m; $\epsilon_r = 52.366$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Body Front Low CH9262/Area Scan (12x8x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.14 W/kg

WCDMA Band II/Body Front Low CH9262/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

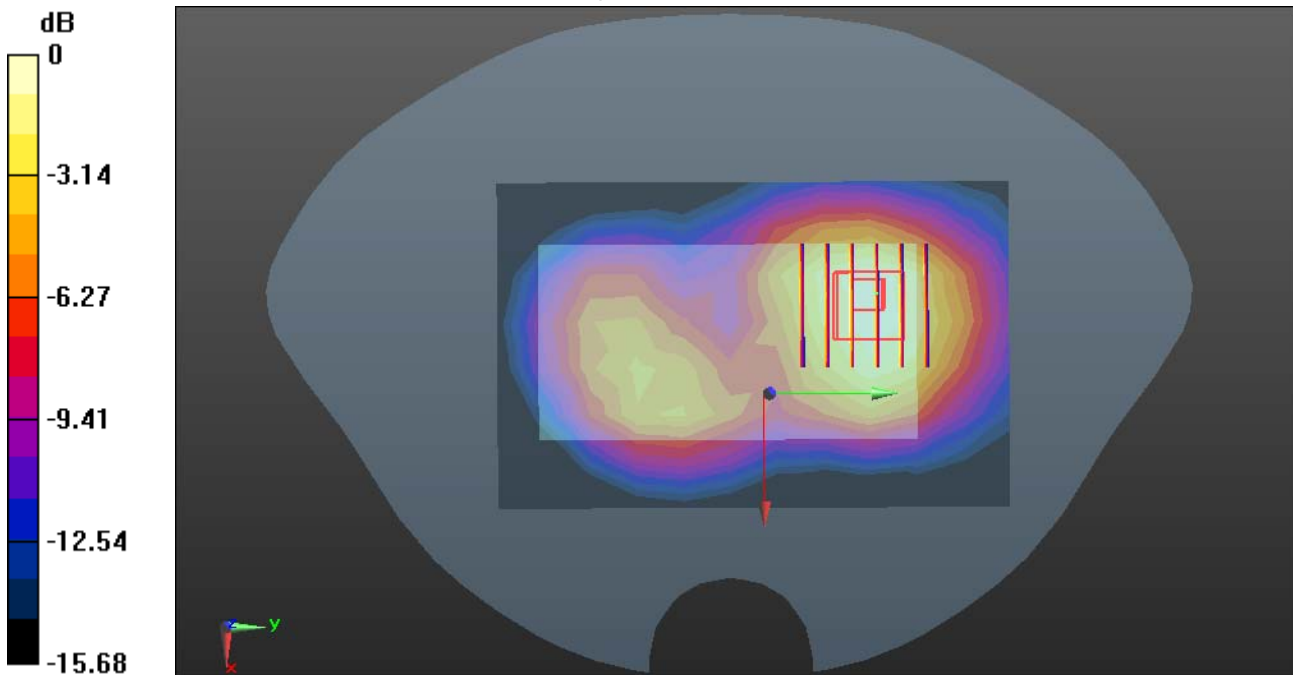
Reference Value = 10.66 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.936 W/kg; SAR(10 g) = 0.601 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.20 W/kg



0 dB = 1.20 W/kg = 0.79 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/3/2014

WCDMA Band II-Body Front Middle CH9400

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

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; $\sigma = 1.585$ S/m; $\epsilon_r = 53.268$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Body Front Middle CH9400/Area Scan (12x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.23 W/kg

WCDMA Band II/Body Front Middle CH9400/Zoom Scan (5x6x7)/Cube 0: Measurement grid:

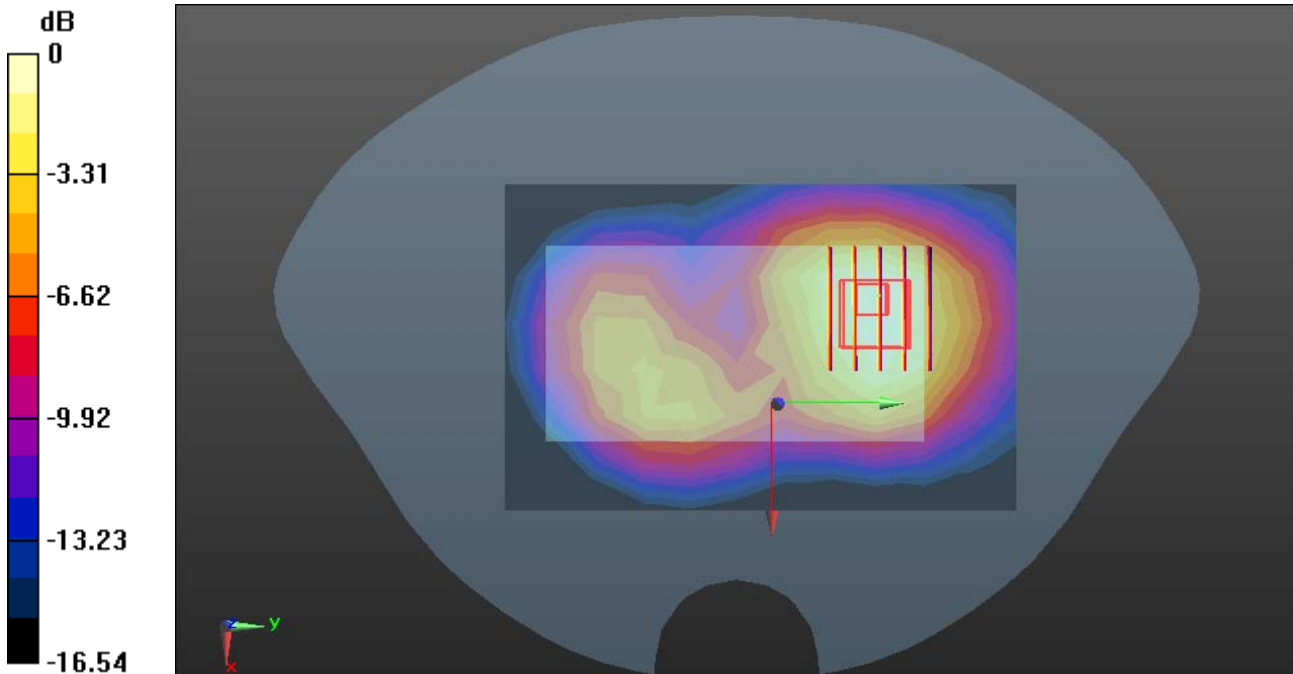
dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.13 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.989 W/kg; SAR(10 g) = 0.639 W/kg

Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg = 1.04 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/3/2014

WCDMA Band II-Body Front High CH9538

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band II; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1908$ MHz; $\sigma = 1.545$ S/m; $\epsilon_r = 53.38$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Body Front High CH9538/Area Scan (12x8x1): Measurement grid: dx=15mm, dy=15mm

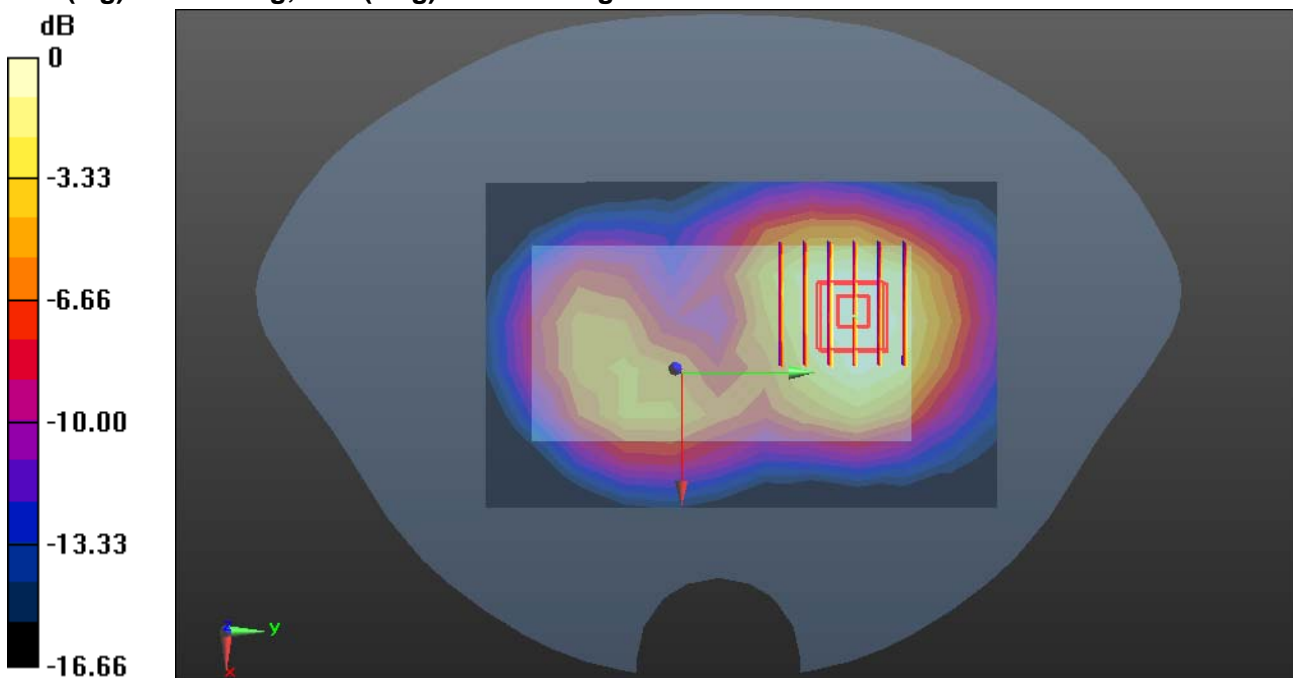
Maximum value of SAR (measured) = 1.34 W/kg

WCDMA Band II/Body Front High CH9538/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.02 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.695 W/kg



0 dB = 1.34 W/kg = 1.27 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/3/2014

WCDMA Band II-Body Rear Low CH9262

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band II; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.533$ S/m; $\epsilon_r = 52.366$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Body Rear Low CH9262/Area Scan (12x8x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.20 W/kg

WCDMA Band II/Body Rear Low CH9262/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

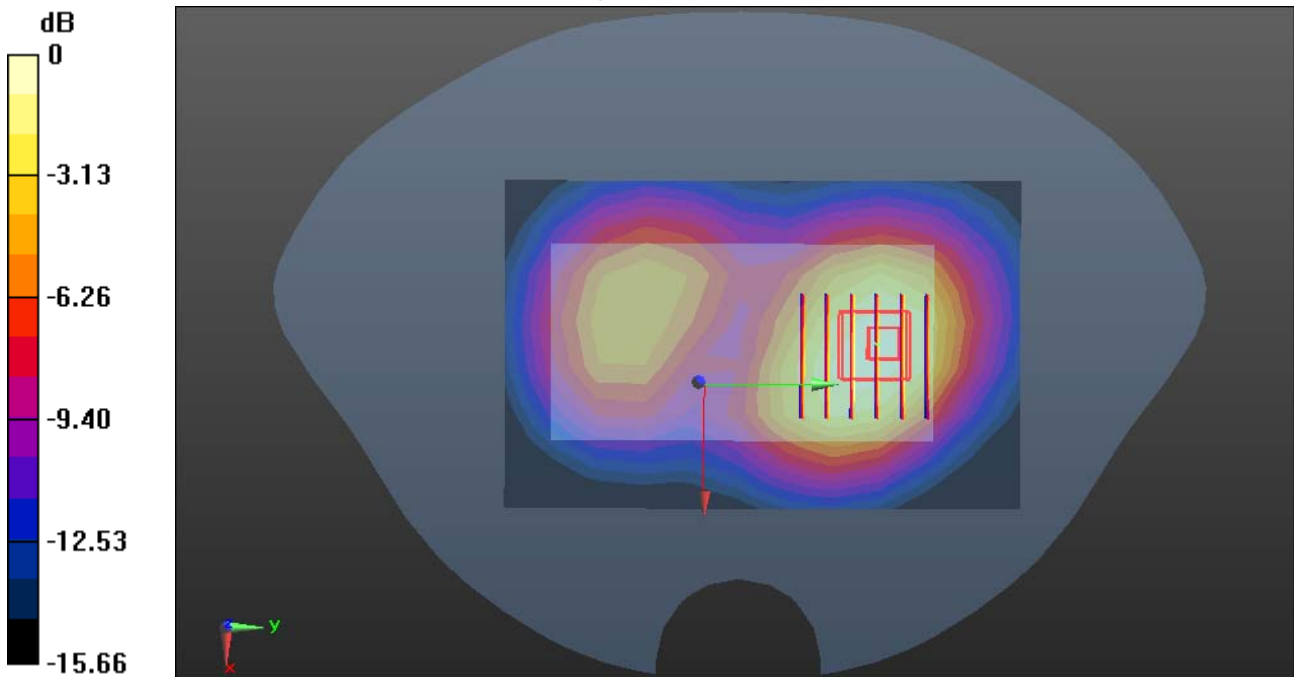
Reference Value = 10.22 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.995 W/kg; SAR(10 g) = 0.638 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26 W/kg = 1.00 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/3/2014

WCDMA Band II-Body Rear Middle CH9400

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

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; $\sigma = 1.585$ S/m; $\epsilon_r = 53.268$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Body Rear Middle CH9400/Area Scan (12x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.35 W/kg

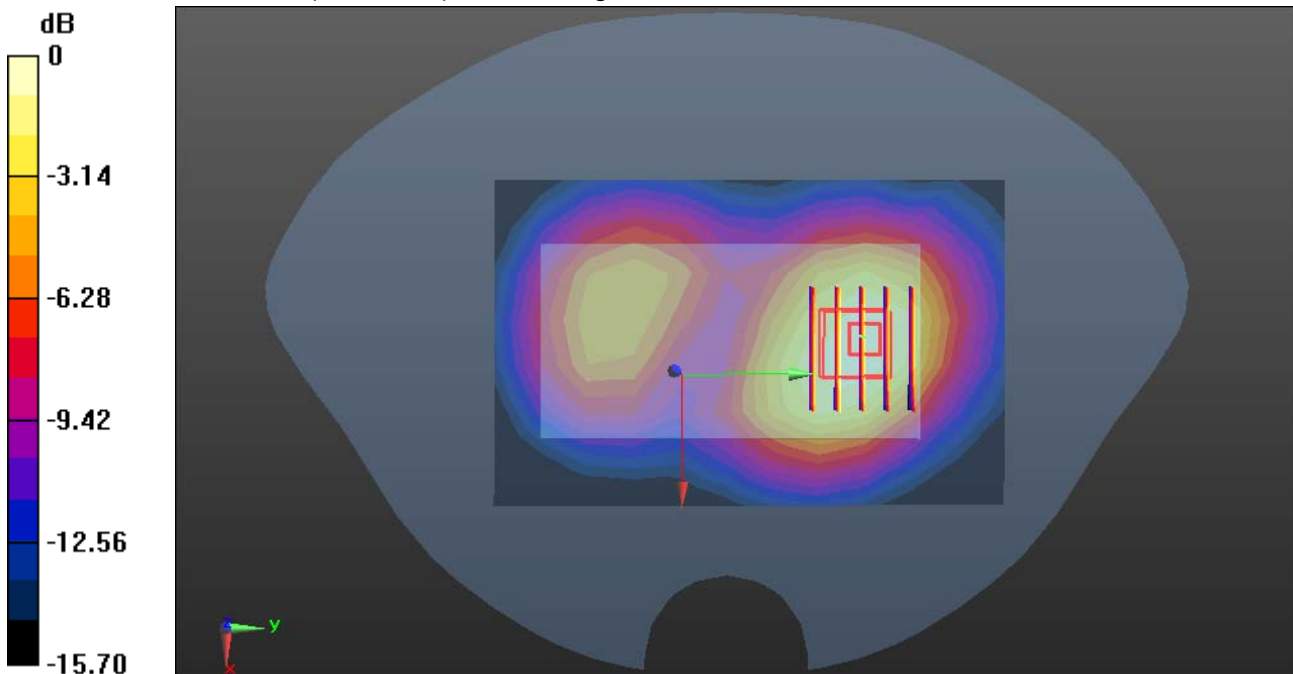
WCDMA Band II/Body Rear Middle CH9400/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.17 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 1.10 W/kg; SAR(10 g) = 0.701 W/kg

Maximum value of SAR (measured) = 1.40 W/kg



0 dB = 1.40 W/kg = 1.46 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/3/2014

WCDMA Band II-Body Rear High CH9538

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band II; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1908$ MHz; $\sigma = 1.545$ S/m; $\epsilon_r = 53.38$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Body Rear High CH9538/Area Scan (12x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.45 W/kg

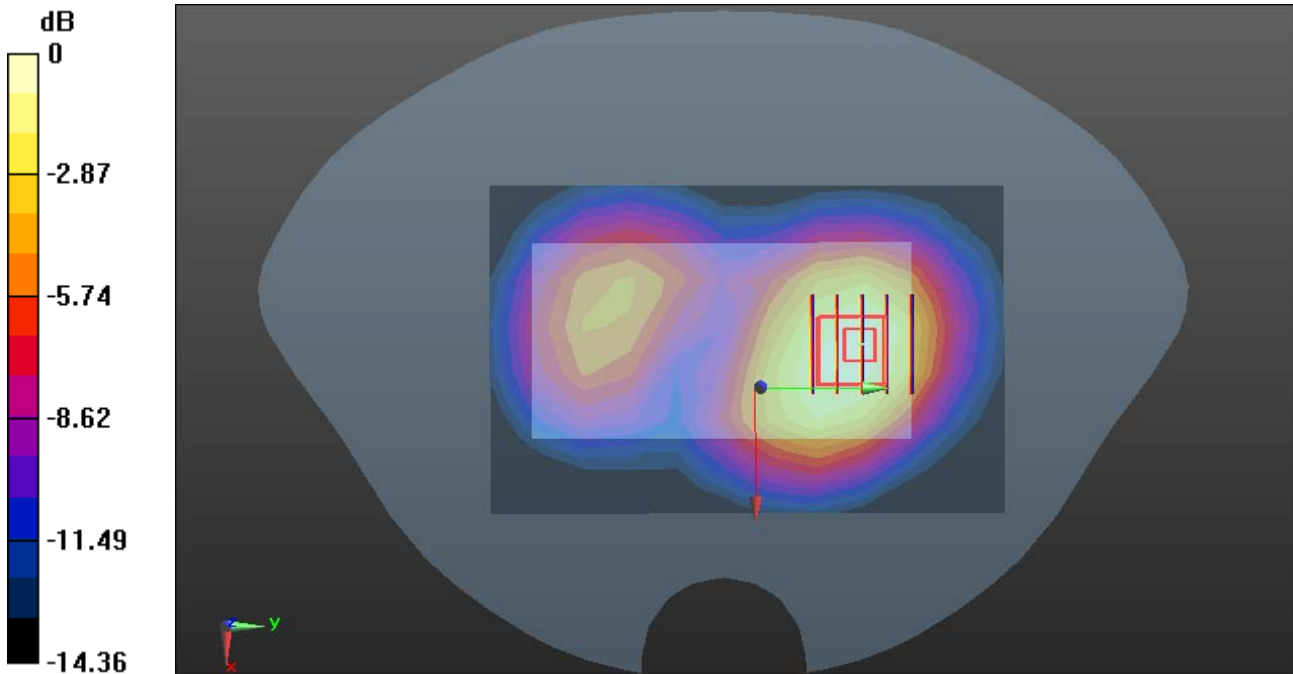
WCDMA Band II/Body Rear High CH9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.54 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.747 W/kg

Maximum value of SAR (measured) = 1.52 W/kg



0 dB = 1.52 W/kg = 1.82 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/3/2014

WCDMA Band II-Body Right High CH9538

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band II; Frequency: 1907.6 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1908$ MHz; $\sigma = 1.545$ S/m; $\epsilon_r = 53.38$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Body Right High CH9538/Area Scan (12x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.558 W/kg

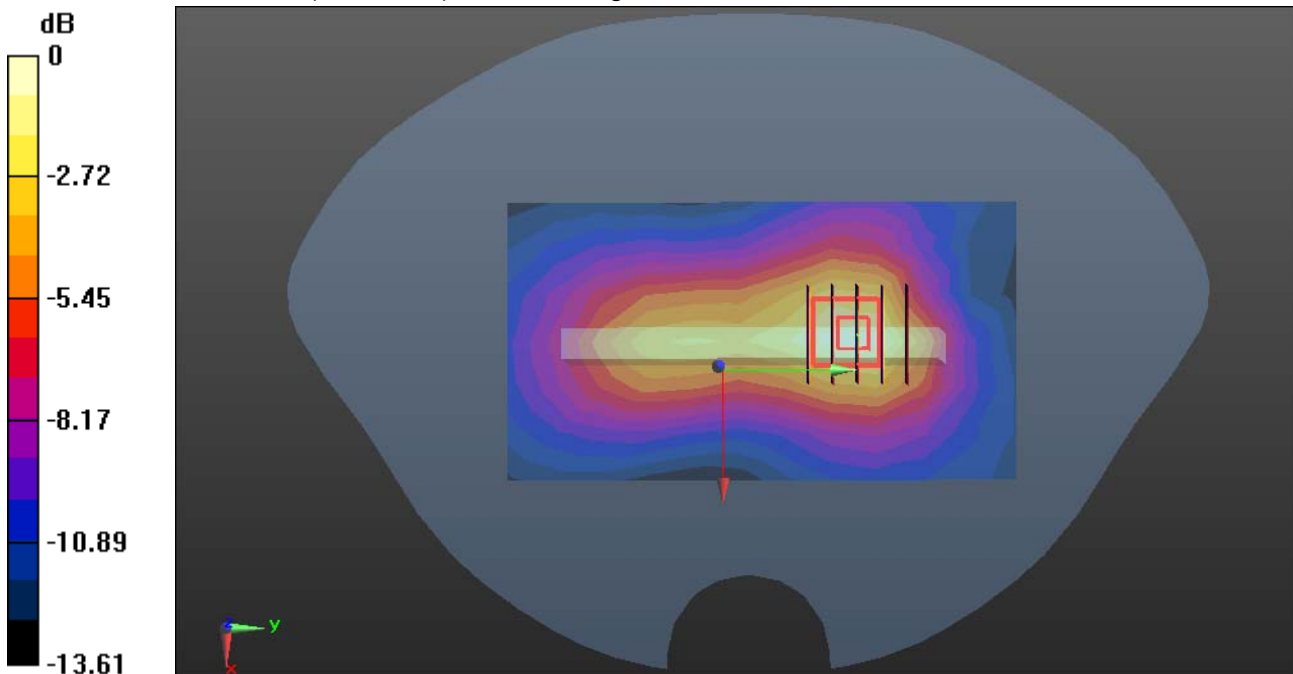
WCDMA Band II/Body Right High CH9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.08 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.823 W/kg

SAR(1 g) = 0.417 W/kg; SAR(10 g) = 0.217 W/kg

Maximum value of SAR (measured) = 0.608 W/kg



0 dB = 0.608 W/kg = -2.16 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/3/2014

WCDMA Band II-Body Left High CH9538

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band II; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1908$ MHz; $\sigma = 1.545$ S/m; $\epsilon_r = 53.38$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Body Left High CH9538/Area Scan (12x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.360 W/kg

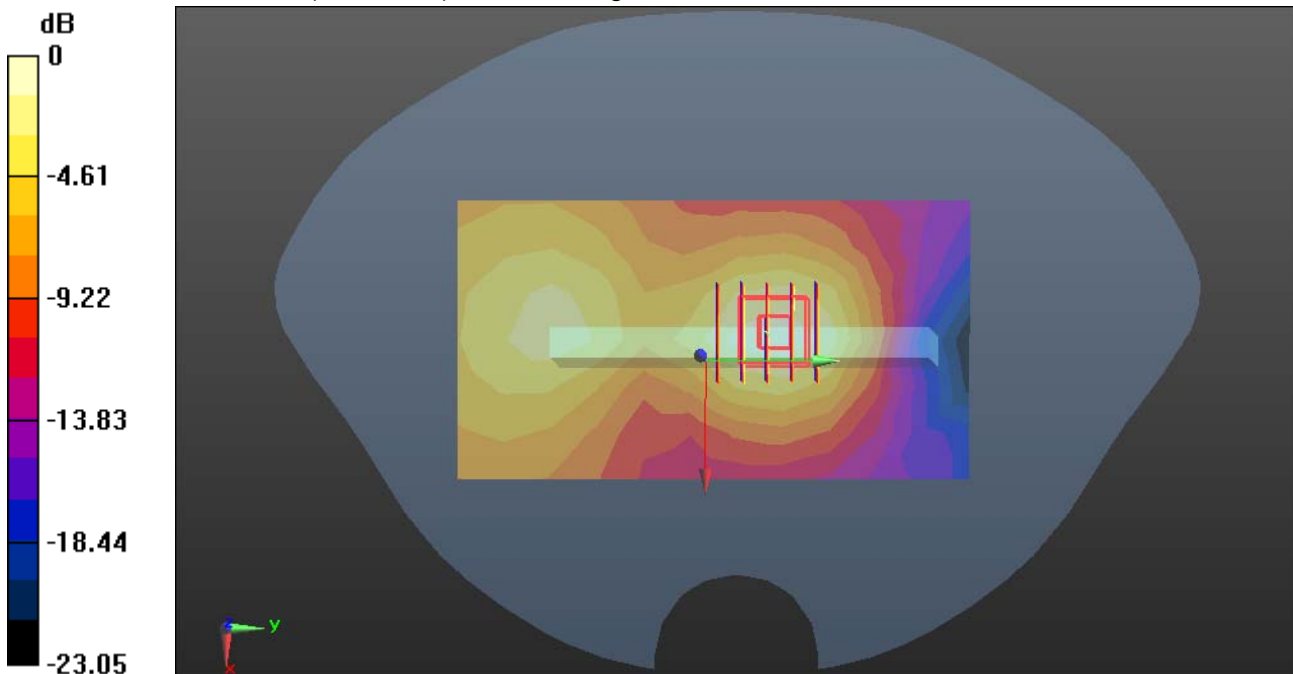
WCDMA Band II/Body Left High CH9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.50 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.499 W/kg

SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.134 W/kg

Maximum value of SAR (measured) = 0.372 W/kg



0 dB = 0.372 W/kg = -4.29 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/3/2014

WCDMA Band II-Body Bottom Low CH9262

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band II; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.533$ S/m; $\epsilon_r = 52.366$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Body Bottom Low CH9262/Area Scan (9x8x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.19 W/kg

WCDMA Band II/Body Bottom Low CH9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

dx=8mm, dy=8mm, dz=5mm

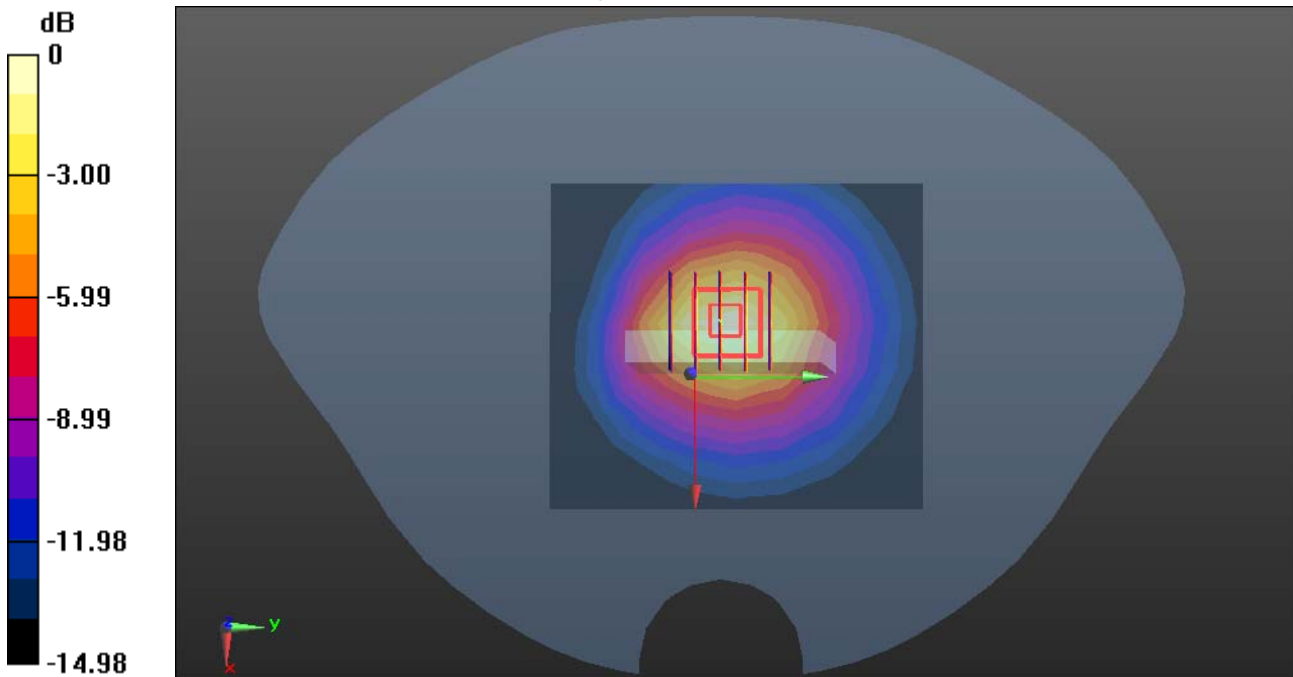
Reference Value = 24.80 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.919 W/kg; SAR(10 g) = 0.546 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg = 0.83 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/3/2014

WCDMA Band II-Body Bottom Middle CH9400

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

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; $\sigma = 1.585$ S/m; $\epsilon_r = 53.268$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Body Bottom Middle CH9400/Area Scan (9x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.28 W/kg

WCDMA Band II/Body Bottom Middle CH9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

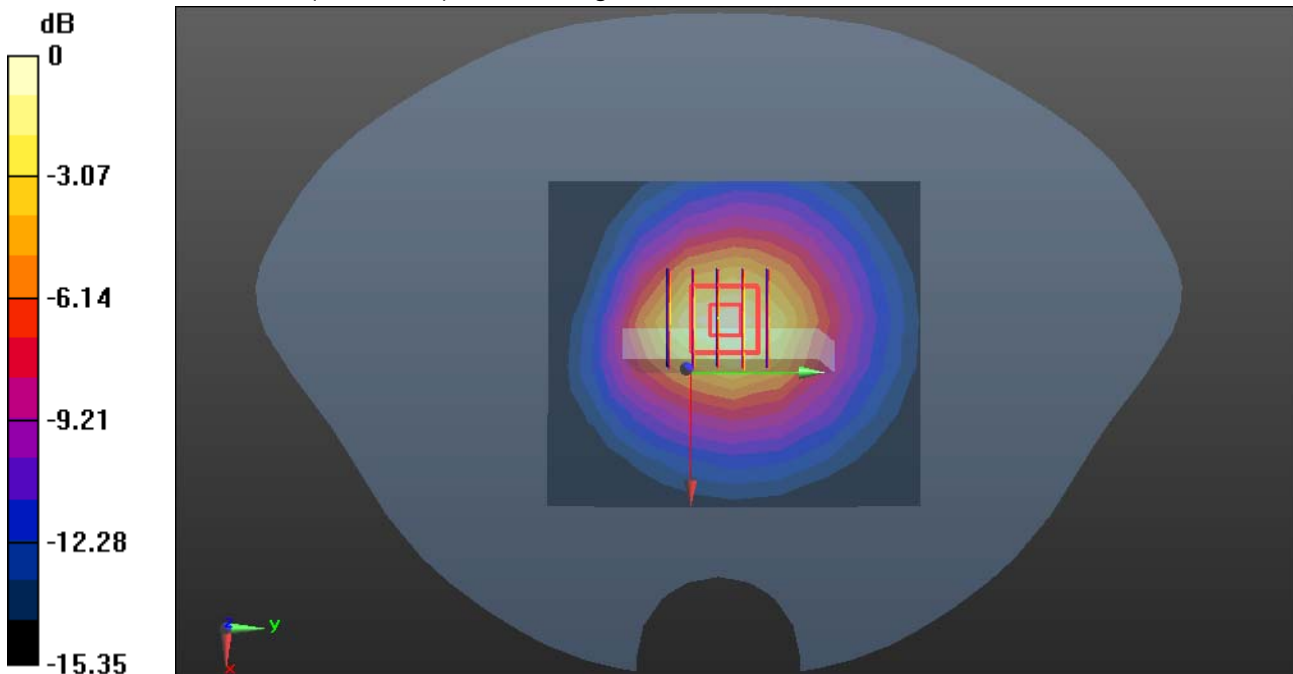
dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.38 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 0.987 W/kg; SAR(10 g) = 0.583 W/kg

Maximum value of SAR (measured) = 1.30 W/kg



0 dB = 1.30 W/kg = 1.14 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/3/2014

WCDMA Band II-Body Bottom High CH9538

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band II; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1908$ MHz; $\sigma = 1.545$ S/m; $\epsilon_r = 53.38$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Body Bottom High CH9538/Area Scan (10x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.42 W/kg

WCDMA Band II/Body Bottom High CH9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

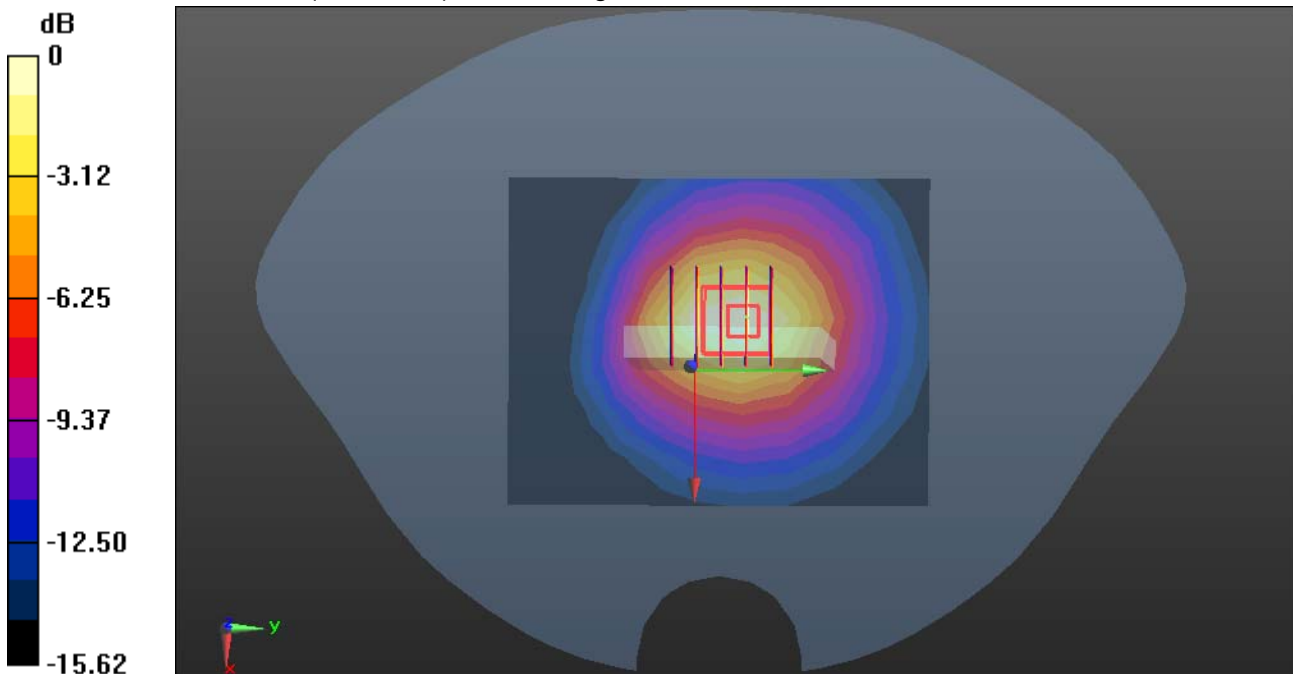
dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.60 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.939 W/kg; SAR(10 g) = 0.555 W/kg

Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.25 W/kg = 0.97 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/2/2014

WCDMA Band V-Body Front Low CH4132

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

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; $\sigma = 0.957$ S/m; $\epsilon_r = 56.396$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band V/Body Front Low CH4132/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.501 W/kg

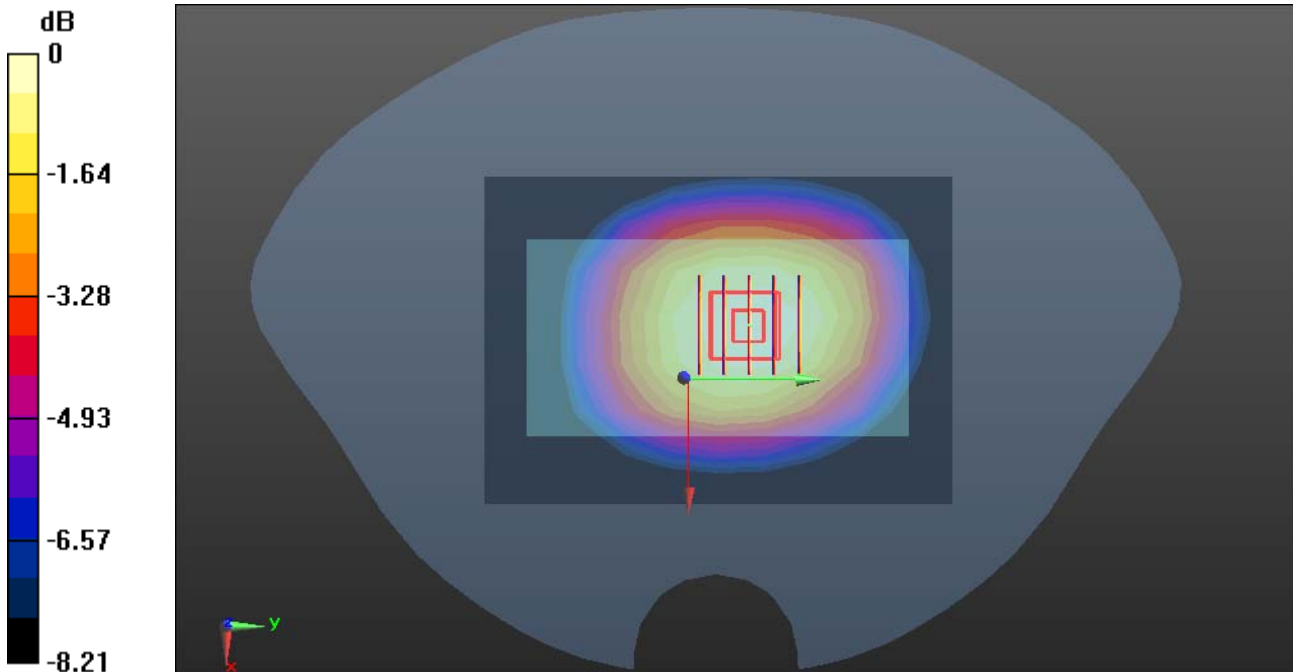
WCDMA Band V/Body Front Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.67 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.549 W/kg

SAR(1 g) = 0.441 W/kg; SAR(10 g) = 0.337 W/kg

Maximum value of SAR (measured) = 0.504 W/kg



0 dB = 0.504 W/kg = -2.98 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/2/2014

WCDMA Band V-Body Rear Low CH4132

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

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; $\sigma = 0.957$ S/m; $\epsilon_r = 56.396$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band V/Body Rear Low CH4132/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.01 W/kg

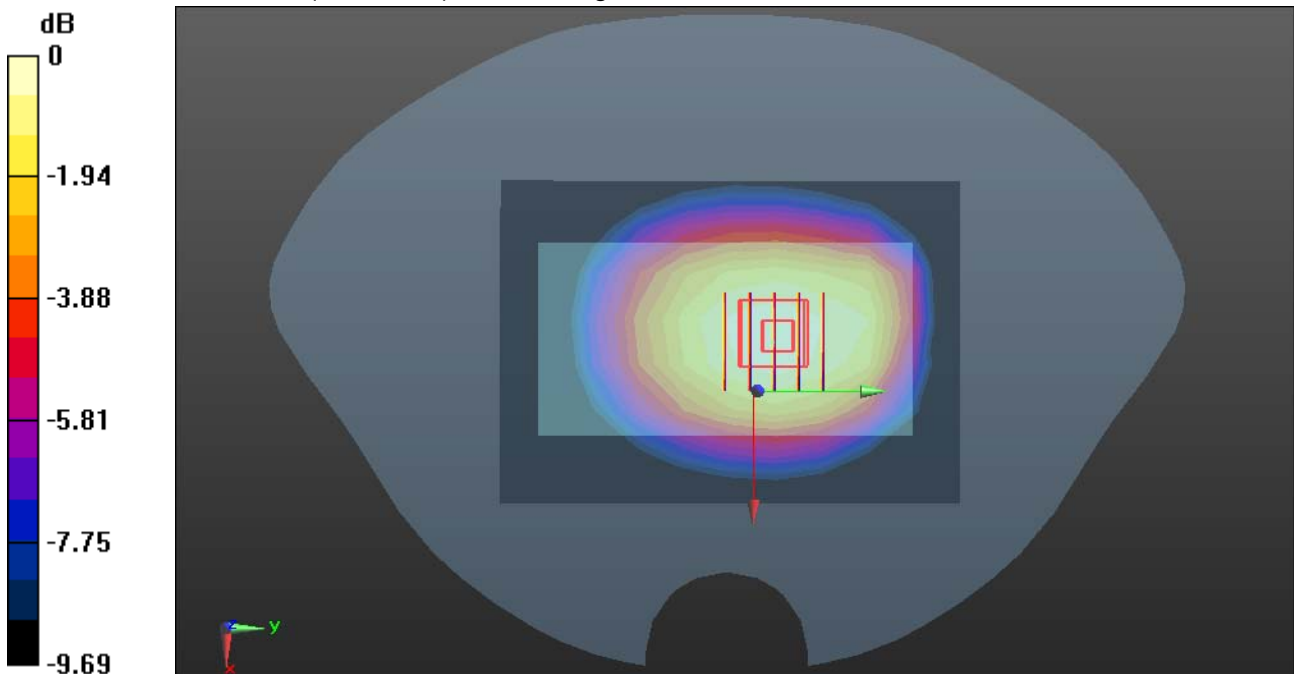
WCDMA Band V/Body Rear Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.72 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.895 W/kg; SAR(10 g) = 0.670 W/kg

Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg = 0.13 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/2/2014

WCDMA Band V-Body Rear Middle CH4182

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band V; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.965$ S/m; $\epsilon_r = 56.231$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band V/Body Rear Middle CH4182/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.708 W/kg

WCDMA Band V/Body Rear Middle CH4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

dx=8mm, dy=8mm, dz=5mm

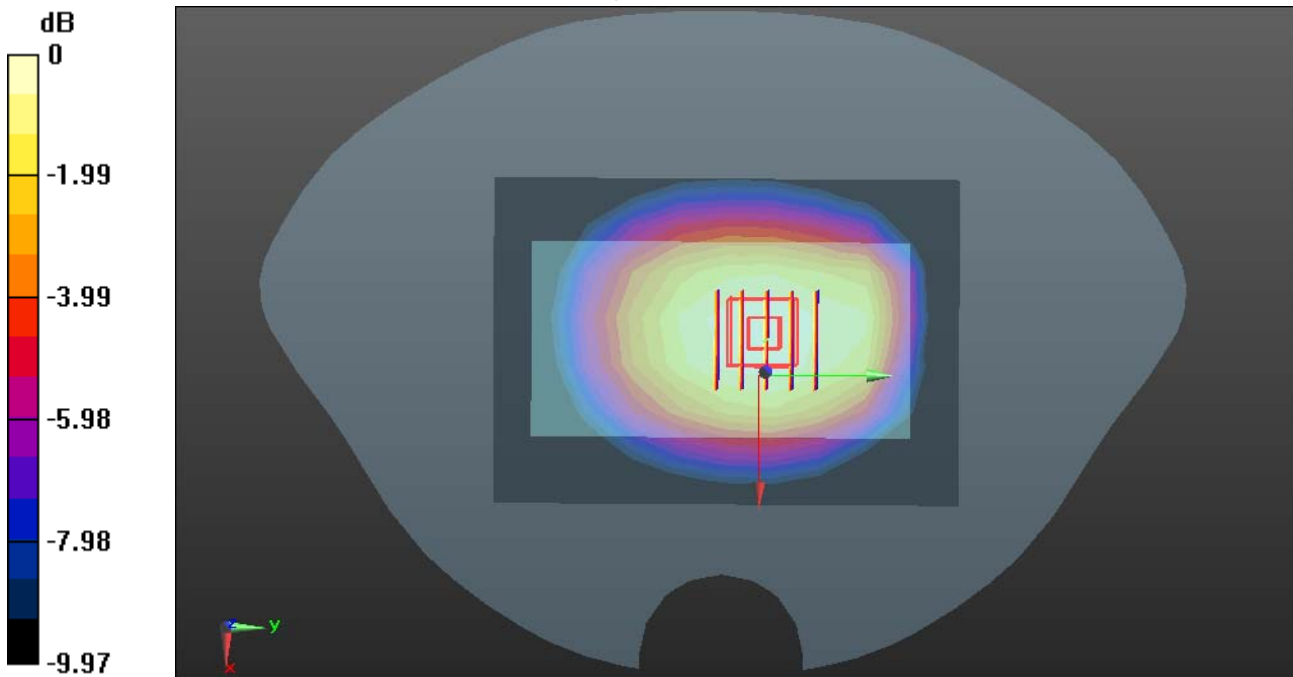
Reference Value = 29.71 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.776 W/kg

SAR(1 g) = 0.612 W/kg; SAR(10 g) = 0.458 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.706 W/kg



0 dB = 0.706 W/kg = -1.51 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/2/2014

WCDMA Band V-Body Rear High CH4233

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band V; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 0.971$ S/m; $\epsilon_r = 56.028$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band V/Body Rear High CH4233/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.882 W/kg

WCDMA Band V/Body Rear High CH4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

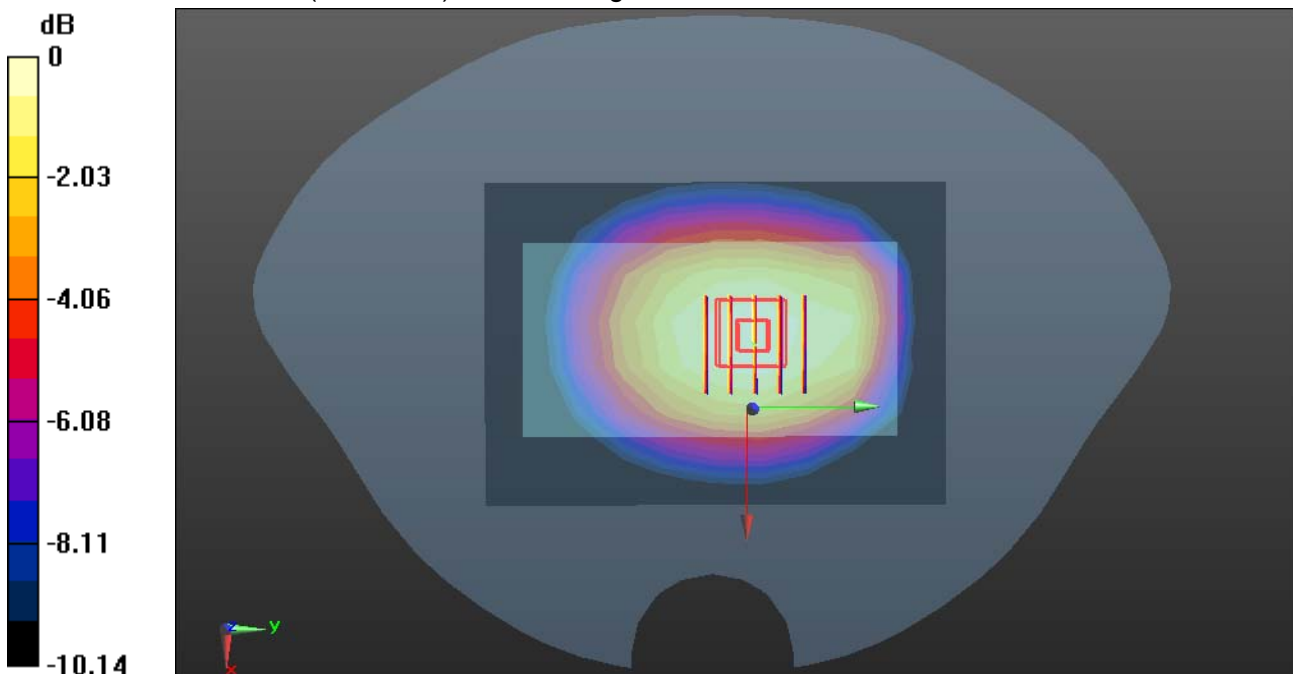
Reference Value = 30.00 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.994 W/kg

SAR(1 g) = 0.785 W/kg; SAR(10 g) = 0.587 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.903 W/kg



0 dB = 0.903 W/kg = -0.44 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/2/2014

WCDMA Band V-Body Right Low CH4132

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

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; $\sigma = 0.957$ S/m; $\epsilon_r = 56.396$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band V/Body Right Low CH4132/Area Scan (12x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.582 W/kg

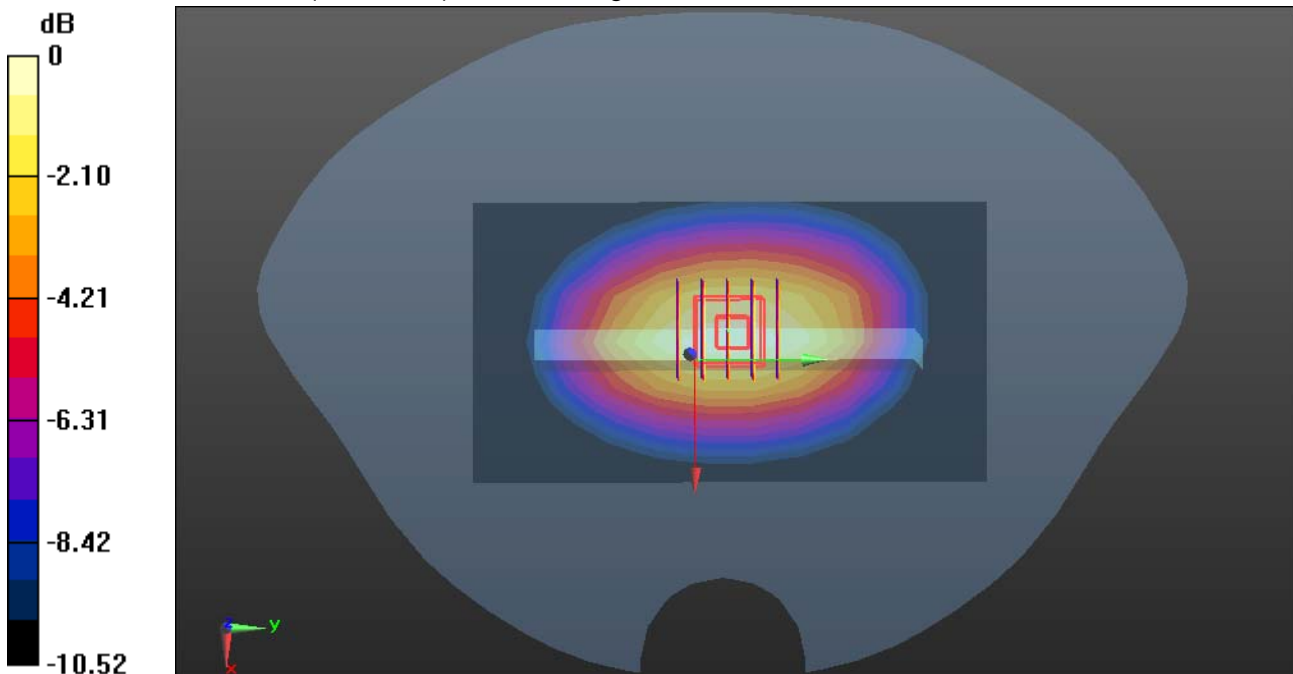
WCDMA Band V/Body Right Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.35 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.690 W/kg

SAR(1 g) = 0.496 W/kg; SAR(10 g) = 0.345 W/kg

Maximum value of SAR (measured) = 0.605 W/kg



0 dB = 0.605 W/kg = -2.18 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/2/2014

WCDMA Band V-Body Left Low CH4132

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

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; $\sigma = 0.957$ S/m; $\epsilon_r = 56.396$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band V/Body Left Low CH4132/Area Scan (12x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.677 W/kg

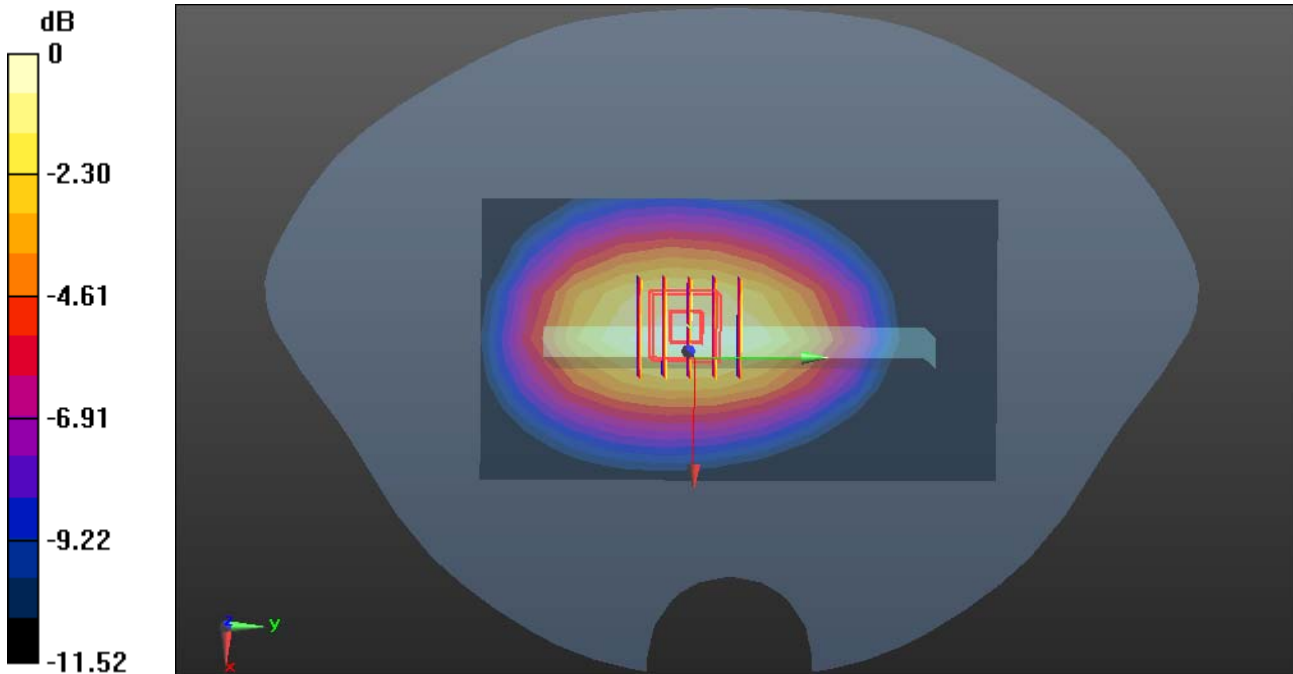
WCDMA Band V/Body Left Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.61 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.805 W/kg

SAR(1 g) = 0.578 W/kg; SAR(10 g) = 0.403 W/kg

Maximum value of SAR (measured) = 0.703 W/kg



0 dB = 0.703 W/kg = -1.53 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/2/2014

WCDMA Band V-Body Bottom Low CH4132

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

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; $\sigma = 0.957$ S/m; $\epsilon_r = 56.396$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band V/Body Bottom Low CH4132/Area Scan (9x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0931 W/kg

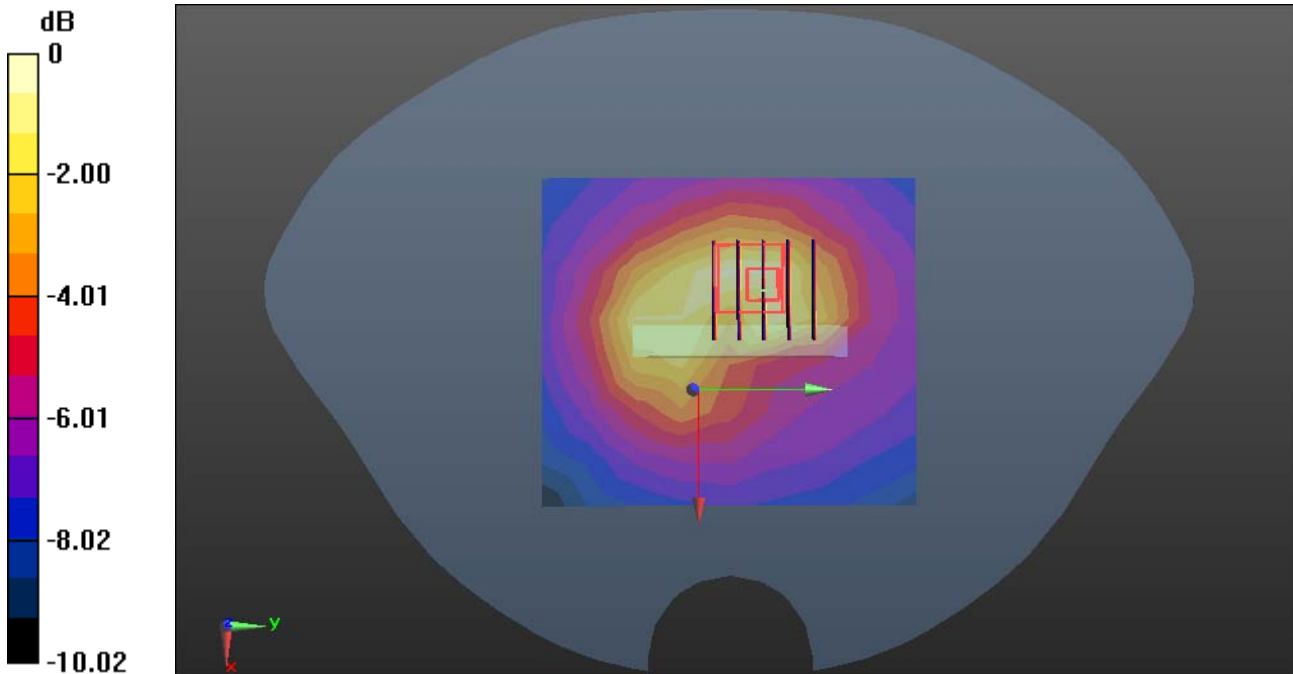
WCDMA Band V/Body Bottom Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.950 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.147 W/kg

SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.049 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: 12/4/2014

WIFI-Body Front Middle CH6

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;
Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.911$ S/m; $\epsilon_r = 51.562$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WIFI/Body Front Middle CH6/Area Scan (14x10x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0428 W/kg

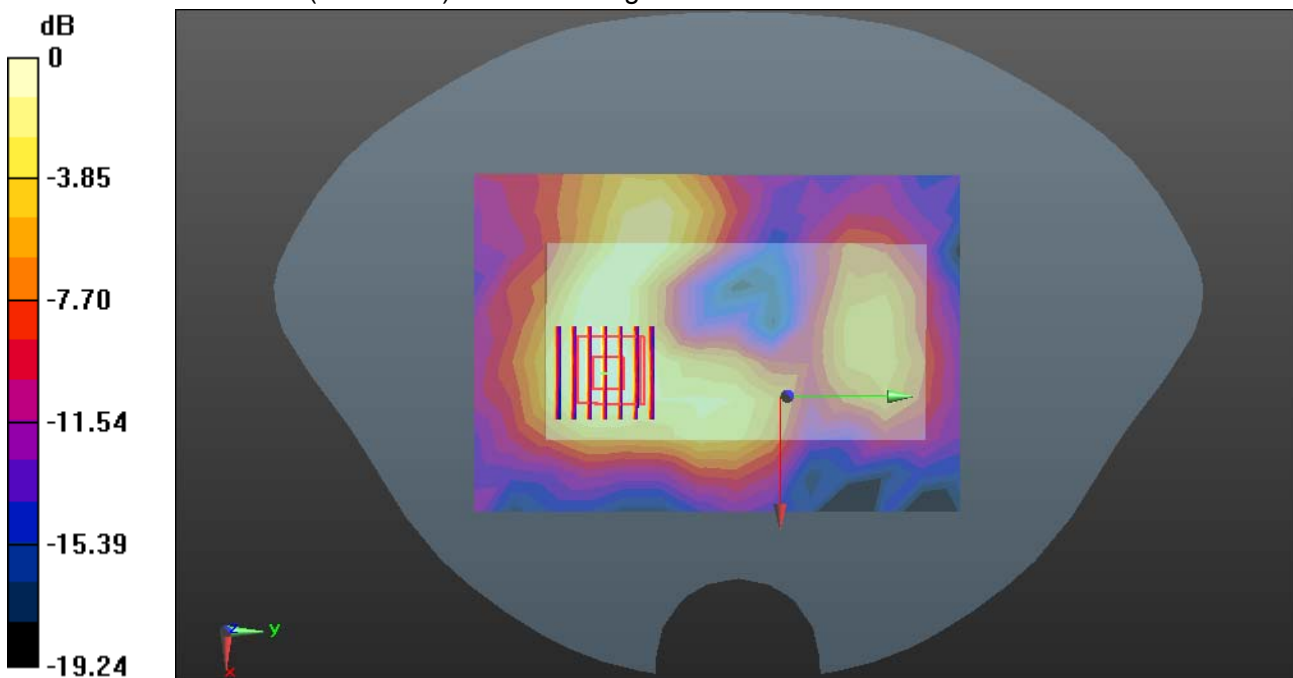
WIFI/Body Front Middle CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.730 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.0600 W/kg

SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.017 W/kg

Maximum value of SAR (measured) = 0.0441 W/kg



0 dB = 0.0441 W/kg = -13.56 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/4/2014

WIFI-Body Rear Middle CH6

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;
Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.911 \text{ S/m}$; $\epsilon_r = 51.562$; $\rho = 1000 \text{ kg/m}^3$

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WIFI/Body Rear Middle CH6/Area Scan (14x10x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.187 W/kg

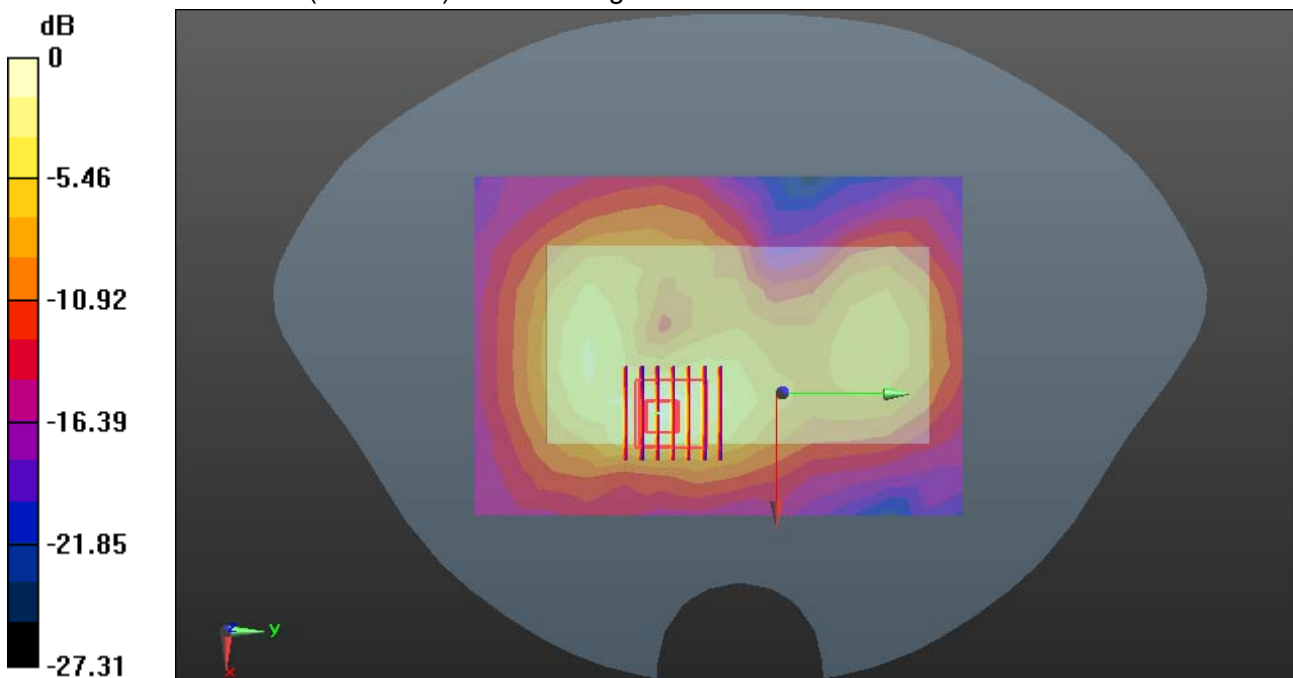
WIFI/Body Rear Middle CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.243 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.313 W/kg

SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.063 W/kg

Maximum value of SAR (measured) = 0.220 W/kg



0 dB = 0.220 W/kg = -6.58 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/4/2014

WIFI-Body Right Middle CH6

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;
Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.911 \text{ S/m}$; $\epsilon_r = 51.562$; $\rho = 1000 \text{ kg/m}^3$

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WIFI/Body Right Middle CH6/Area Scan (14x8x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.254 W/kg

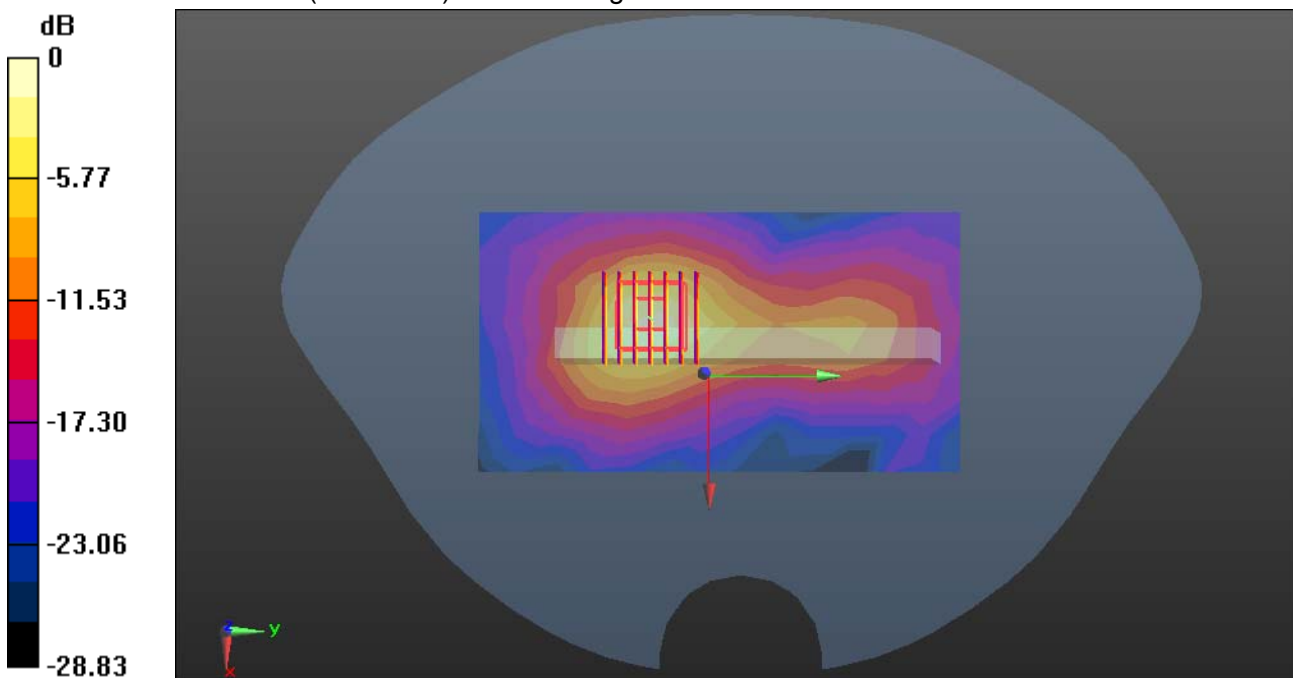
WIFI/Body Right Middle CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.041 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.427 W/kg

SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.077 W/kg

Maximum value of SAR (measured) = 0.293 W/kg



0 dB = 0.293 W/kg = -5.33 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/4/2014

WIFI-Body Left Middle CH6

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;
Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.911$ S/m; $\epsilon_r = 51.562$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WIFI/Body Left Middle CH6/Area Scan (14x8x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0235 W/kg

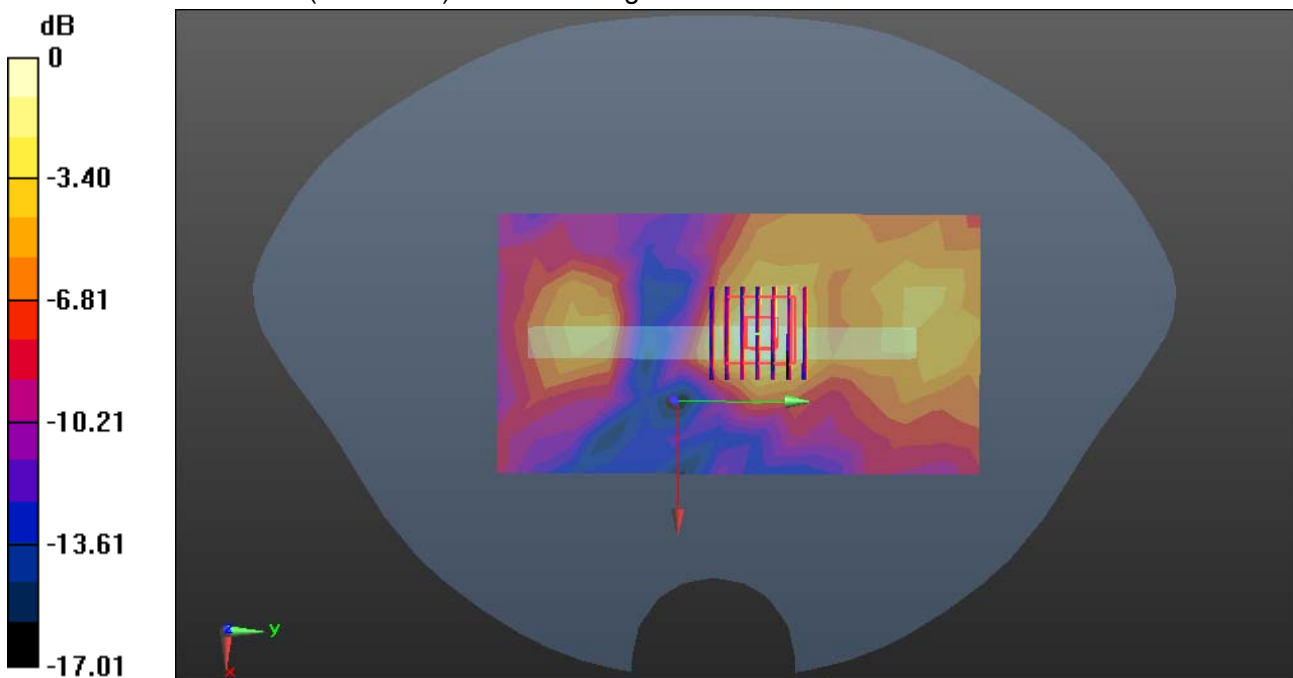
WIFI/Body Left Middle CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.346 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.0330 W/kg

SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00807 W/kg

Maximum value of SAR (measured) = 0.0239 W/kg



0 dB = 0.0239 W/kg = -16.22 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/4/2014

WIFI-Body Top Middle CH6

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;
Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.911$ S/m; $\epsilon_r = 51.562$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WIFI/Body Top Middle CH6/Area Scan (11x9x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0600 W/kg

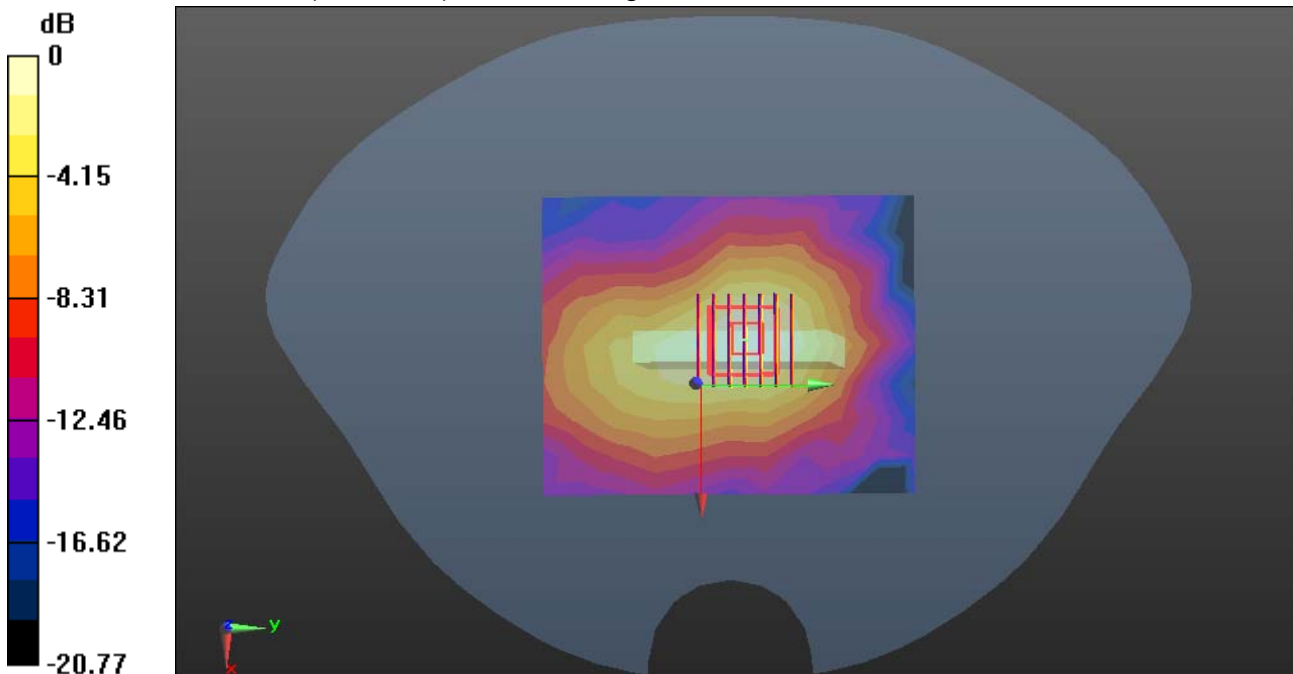
WIFI/Body Top Middle CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.397 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.0780 W/kg

SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.020 W/kg

Maximum value of SAR (measured) = 0.0565 W/kg



0 dB = 0.0565 W/kg = -12.48 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/3/2014

WCDMA Band II-Body Rear High CH9538 repeat

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band II; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1908$ MHz; $\sigma = 1.545$ S/m; $\epsilon_r = 53.38$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Body Rear High CH9538 repeat/Area Scan (12x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.45 W/kg

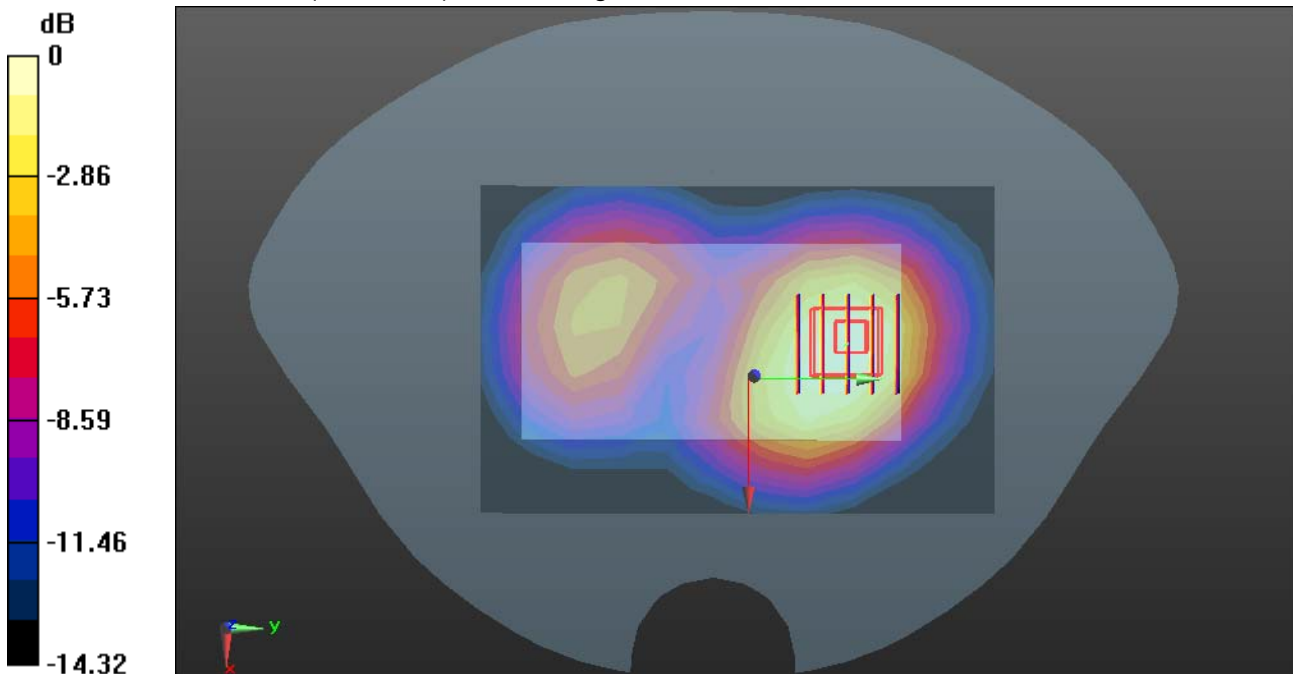
WCDMA Band II/Body Rear High CH9538 repeat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.50 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.749 W/kg

Maximum value of SAR (measured) = 1.48 W/kg



0 dB = 1.48 W/kg = 1.70 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 12/2/2014

WCDMA Band V-Body Rear Low CH4132 repeat

DUT: Smart phone; Type: XTRATECH Brio S430; Serial: 355822546312365

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; $\sigma = 0.957$ S/m; $\epsilon_r = 56.396$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21°C

Phantom section: Flat Section

Measurement Standard: DASYS (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
- DASYS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band V/Body Rear Low CH4132 repeat/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.02 W/kg

WCDMA Band V/Body Rear Low CH4132 repeat/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

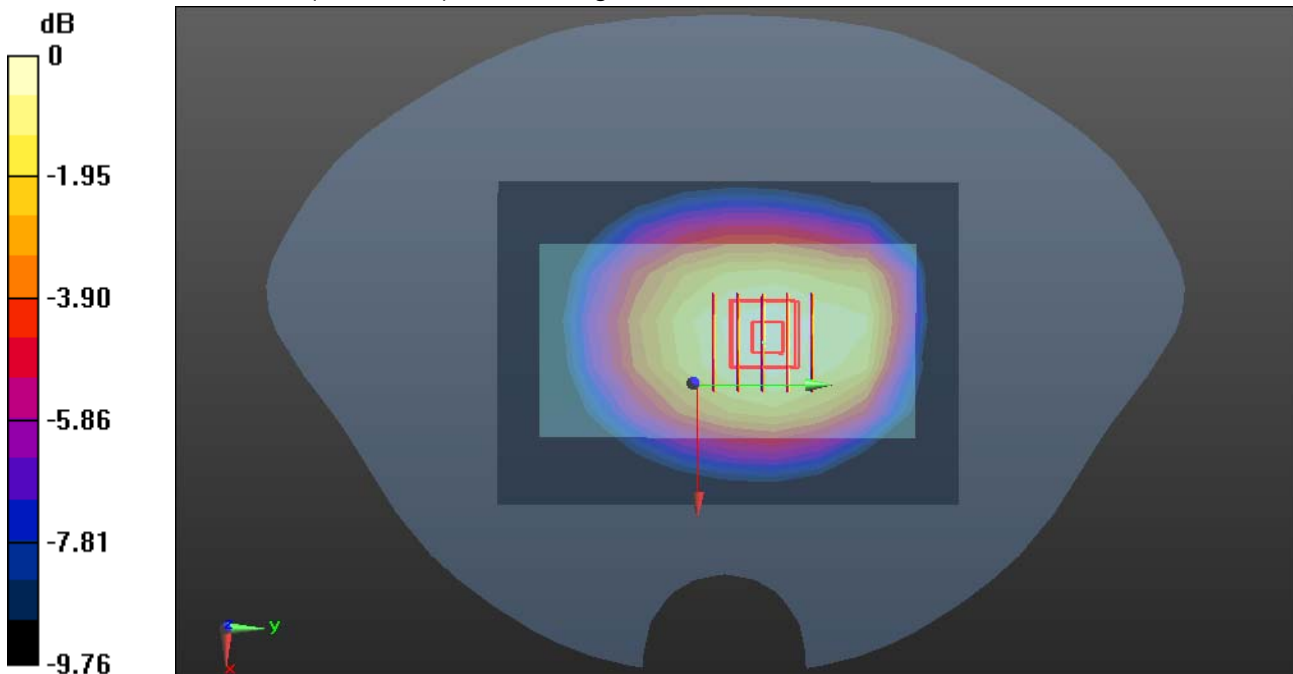
dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.21 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.911 W/kg; SAR(10 g) = 0.681 W/kg

Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg = 0.21 dBW/kg