



Compliance Certification Services Inc.

Report No: C140822S06-SF

FCC ID: 2AC3LSP-M5Q

Date of Issue :September 17, 2014

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Test Laboratory: Compliance Certification Services Inc.

Date: 9/6/2014

GSM 850-Right Head Cheek Middle CH190**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.895$ S/m; $\epsilon_r = 41.172$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

GSM850/Right Head Cheek Middle CH190/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.255 W/kg

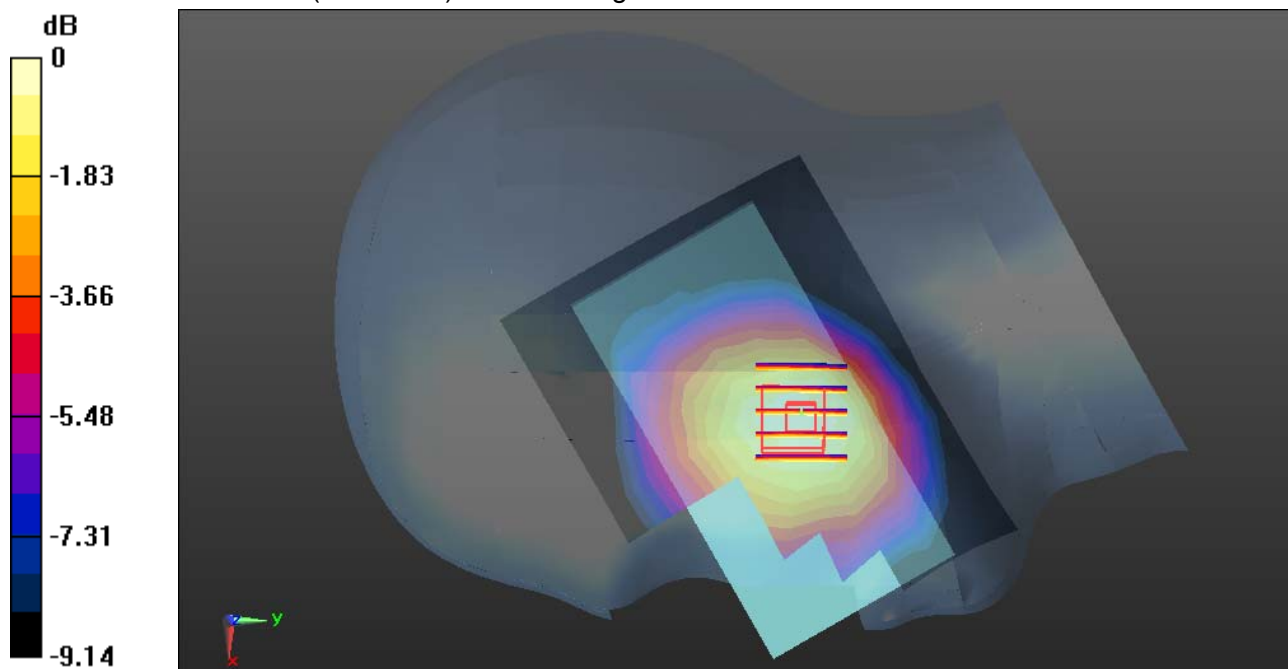
GSM850/Right Head Cheek Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.054 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.286 W/kg

SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.181 W/kg[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.263 W/kg



0 dB = 0.263 W/kg = -5.80 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/6/2014

GSM 850-Right Head Tilted Middle CH190**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.895$ S/m; $\epsilon_r = 41.172$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

GSM850/Right Head Tilted Middle CH190/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.158 W/kg

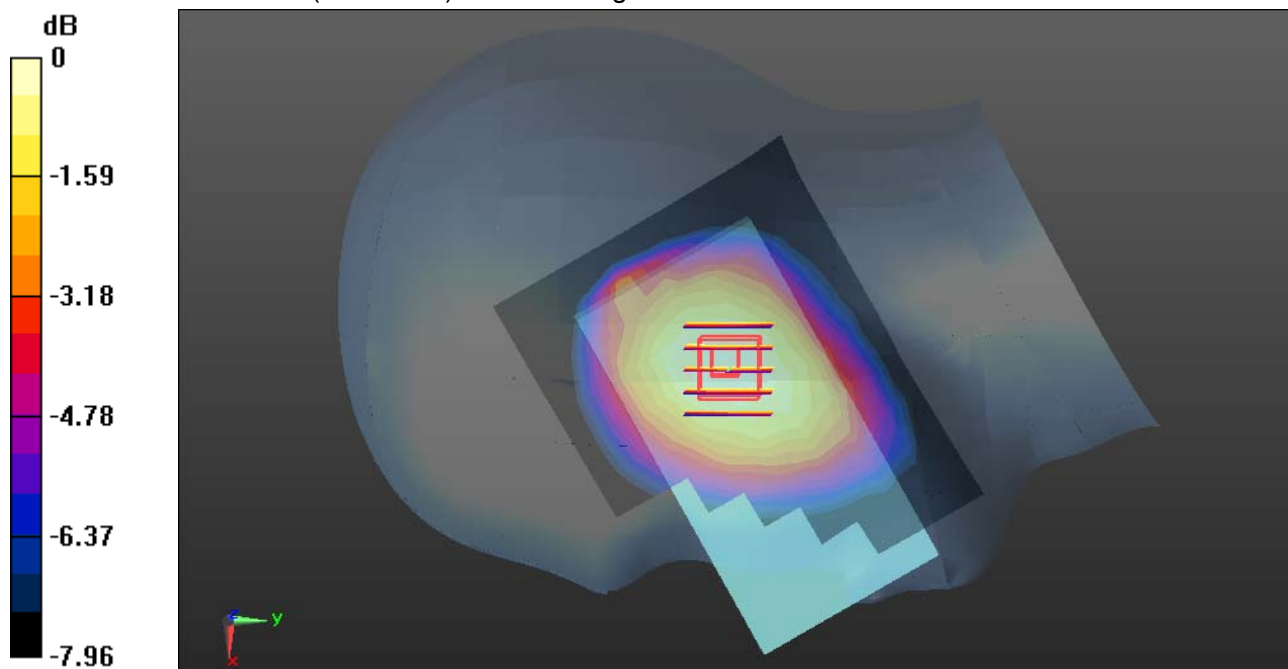
GSM850/Right Head Tilted Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.54 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.170 W/kg

SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.108 W/kg[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.156 W/kg



0 dB = 0.156 W/kg = -8.07 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/6/2014

GSM 850-Left Head Cheek Middle CH190**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.895$ S/m; $\epsilon_r = 41.172$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°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)

GSM 850/Left Head Cheek Middle CH190/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.241 W/kg

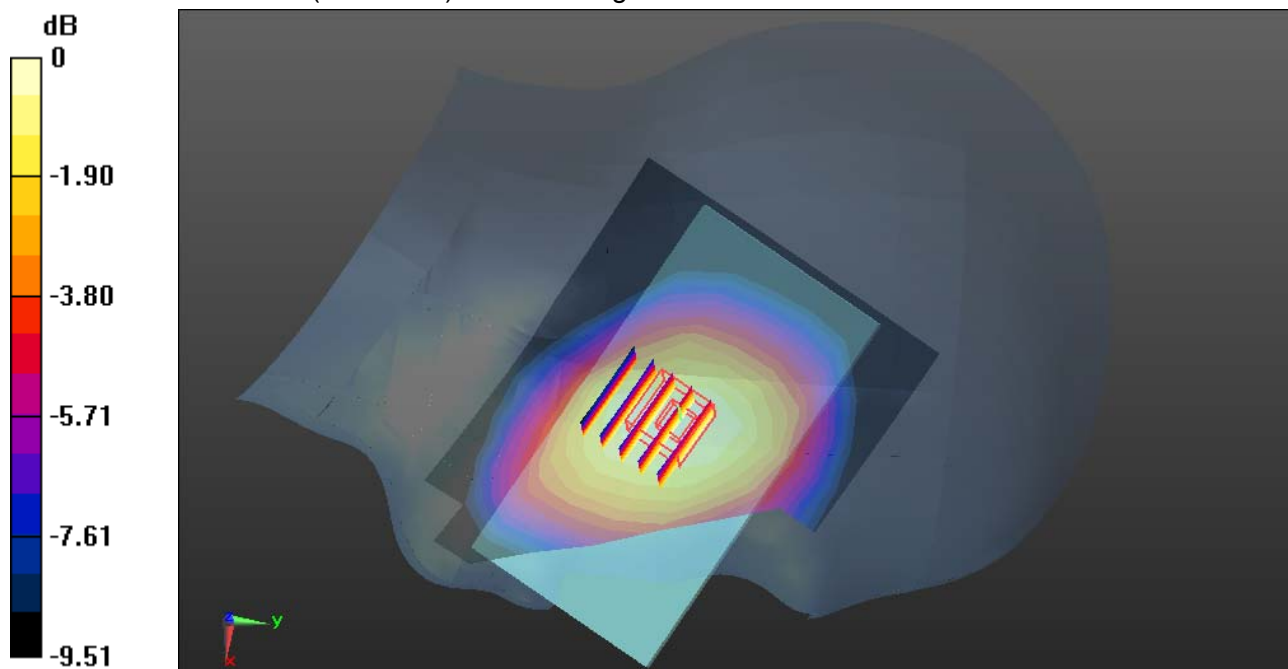
GSM 850/Left Head Cheek Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.202 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.272 W/kg

SAR(1 g) = 0.217 W/kg; SAR(10 g) = 0.166 W/kg[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.248 W/kg



0 dB = 0.248 W/kg = -6.06 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/6/2014

GSM 850-Left Head Tilted Middle CH190**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.895$ S/m; $\epsilon_r = 41.172$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

GSM 850/Left Head Tilted Middle CH190/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.170 W/kg

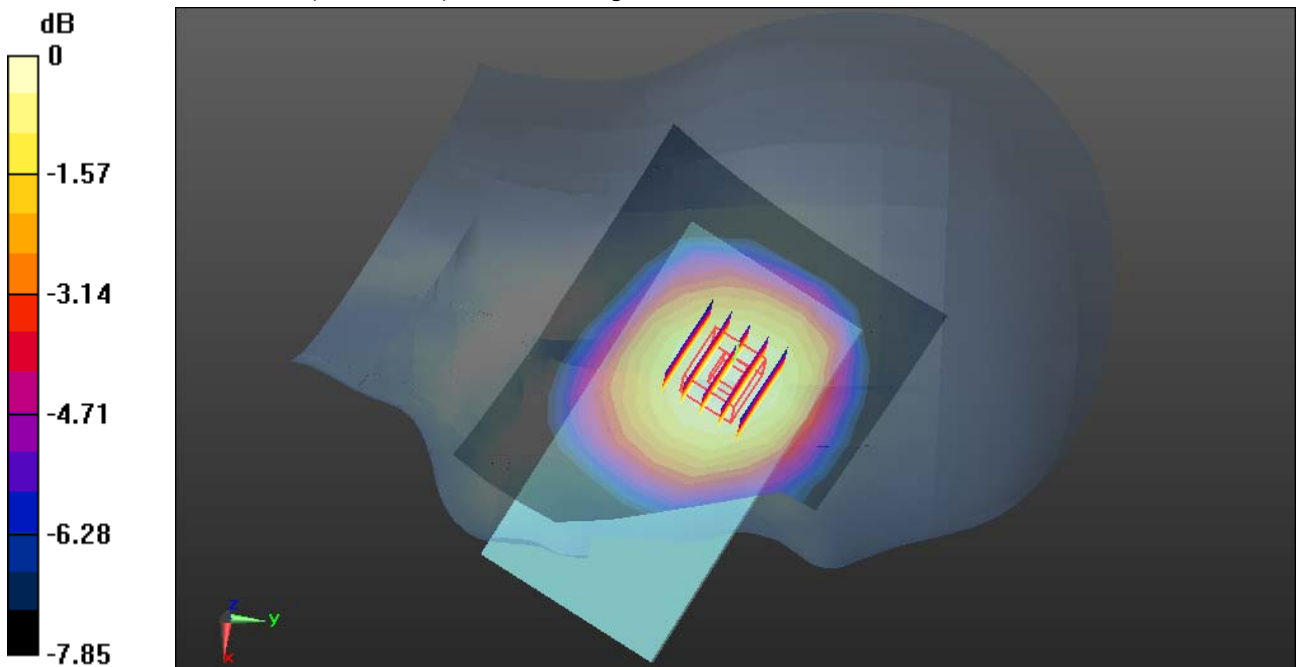
GSM 850/Left Head Tilted Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.965 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.183 W/kg

SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.118 W/kg[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.168 W/kg



0 dB = 0.168 W/kg = -7.75 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/7/2014

GSM 1900-Right Head Cheek Low CH512**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

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; $\sigma = 1.374$ S/m; $\epsilon_r = 39.573$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°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)

GSM1900/Right Head Cheek Low CH512/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.194 W/kg

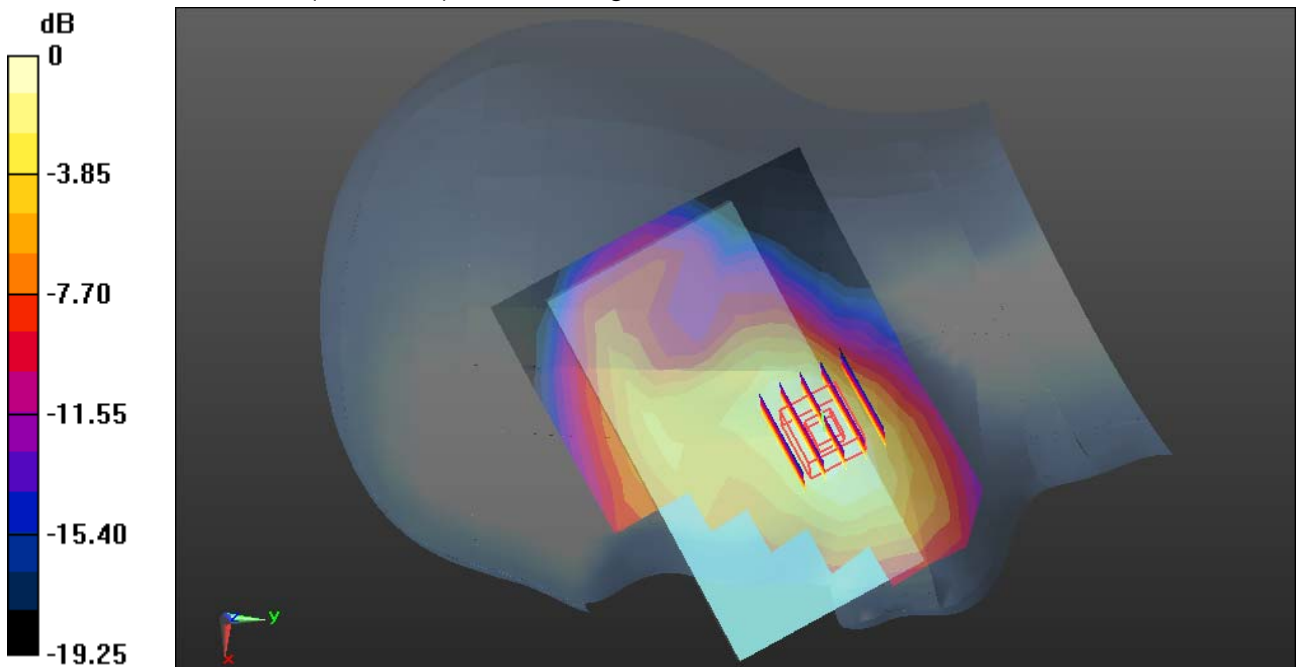
GSM1900/Right Head Cheek Low CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.016 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.279 W/kg

SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.092 W/kg[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.221 W/kg



0 dB = 0.221 W/kg = -6.56 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/7/2014

GSM 1900-Right Head Tilted Low CH512**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

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; $\sigma = 1.374$ S/m; $\epsilon_r = 39.573$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

GSM1900/Right Head Tilted Low CH512/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0746 W/kg

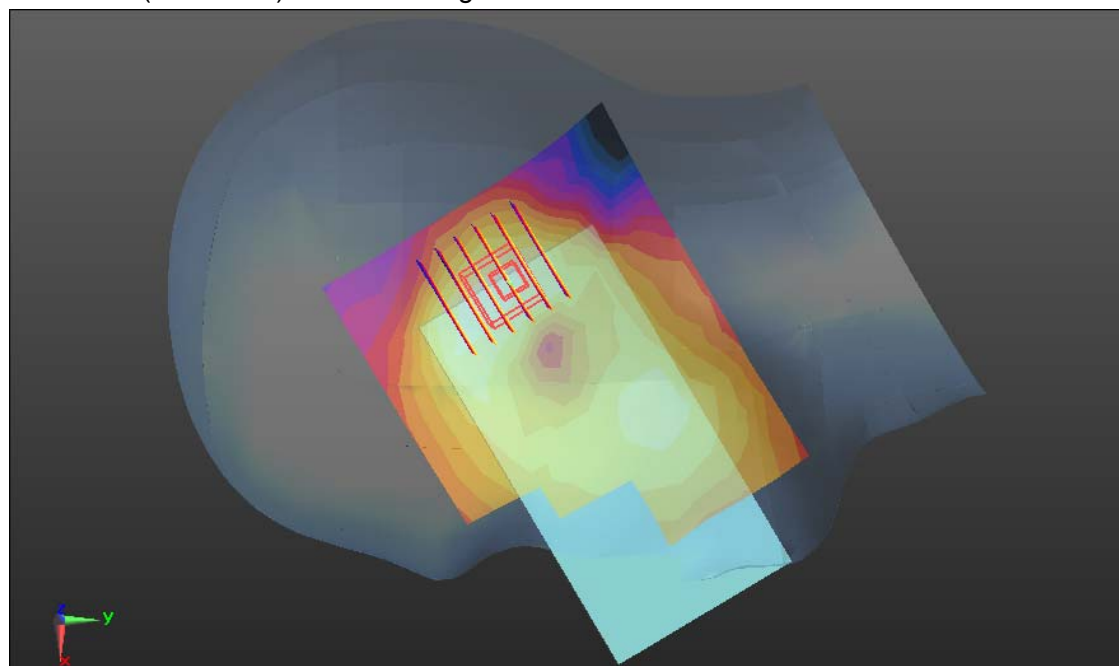
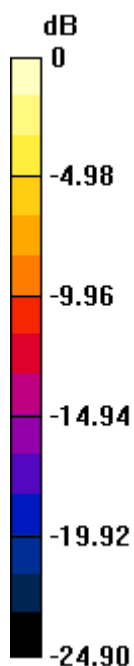
GSM1900/Right Head Tilted Low CH512/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.850 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.107 W/kg

SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.030 W/kg[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0805 W/kg



0 dB = 0.0805 W/kg = -10.94 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/7/2014

GSM 1900-Left Head Cheek Low CH512**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

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; $\sigma = 1.374$ S/m; $\epsilon_r = 39.573$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

PCS 1900/Left Head Cheek Low CH512/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.189 W/kg

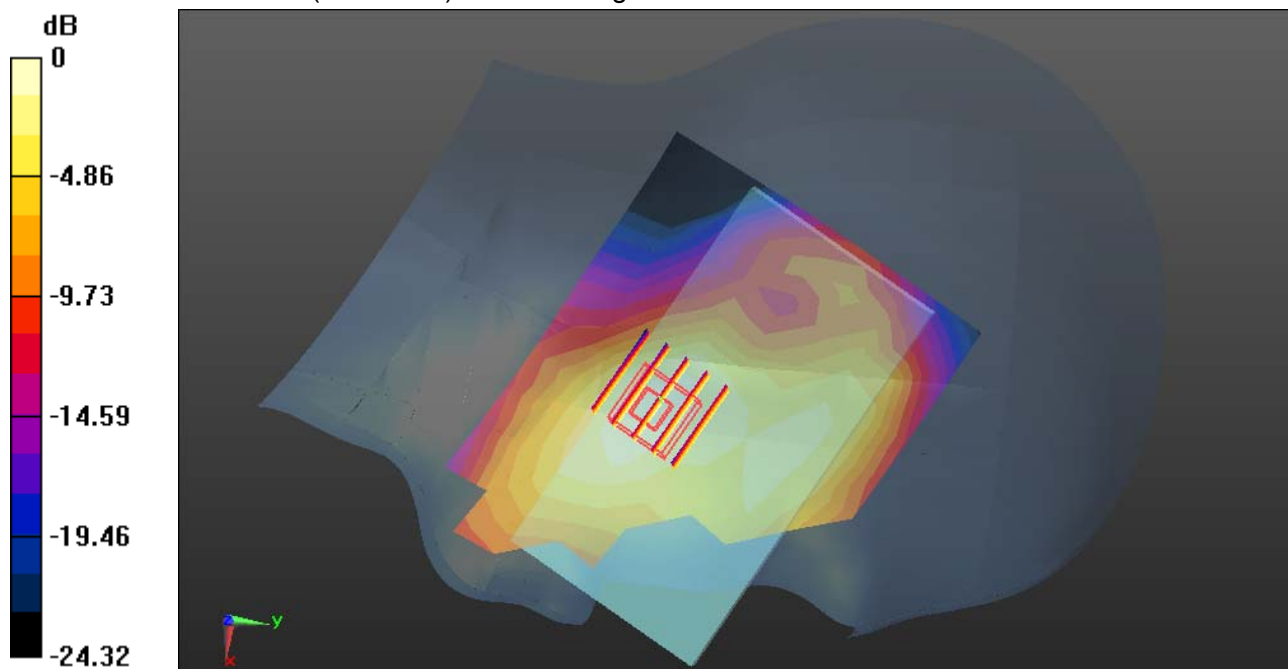
PCS 1900/Left Head Cheek Low CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.797 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.252 W/kg

SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.081 W/kg[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.195 W/kg



0 dB = 0.195 W/kg = -7.10 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/7/2014

GSM 1900-Left Head Tilted Low CH512**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

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; $\sigma = 1.374$ S/m; $\epsilon_r = 39.573$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

PCS 1900/Left Head Tilted Low CH512/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0696 W/kg

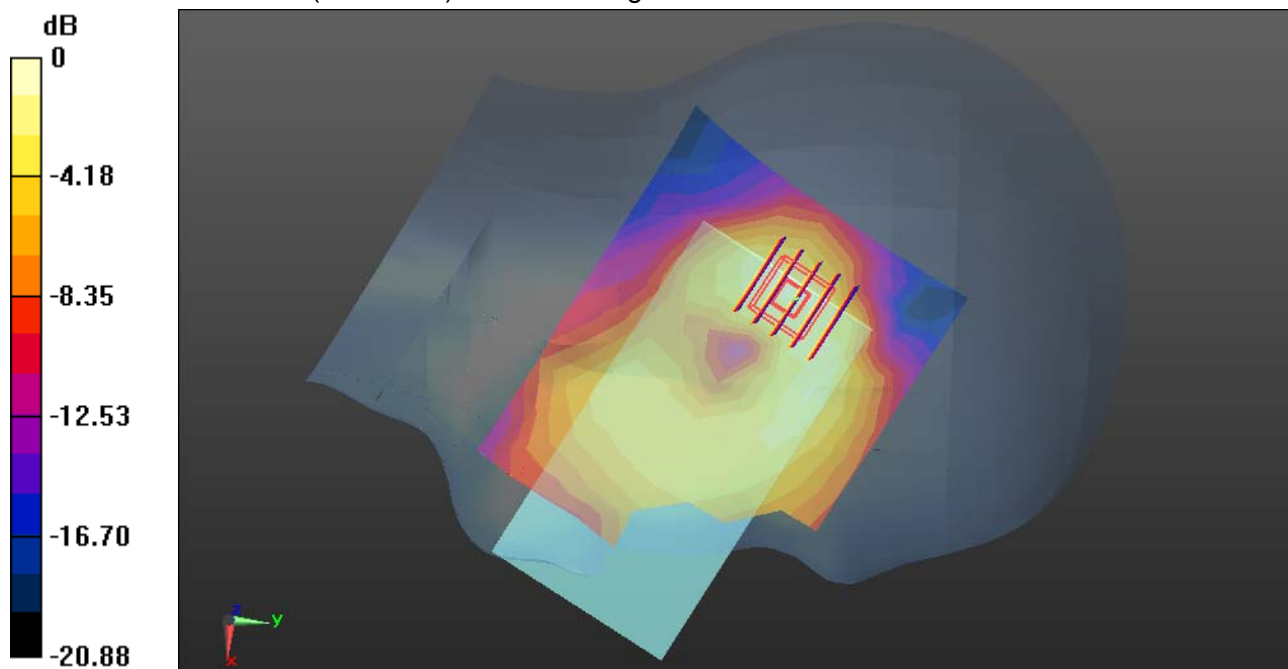
PCS 1900/Left Head Tilted Low CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.469 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.0980 W/kg

SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.028 W/kg[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0751 W/kg



0 dB = 0.0751 W/kg = -11.24 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/7/2014

WCDMA Band II-Right Head Cheek Middle CH9400**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

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; $\sigma = 1.401$ S/m; $\epsilon_r = 39.467$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°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/Right Head Cheek Middle CH9400/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.248 W/kg

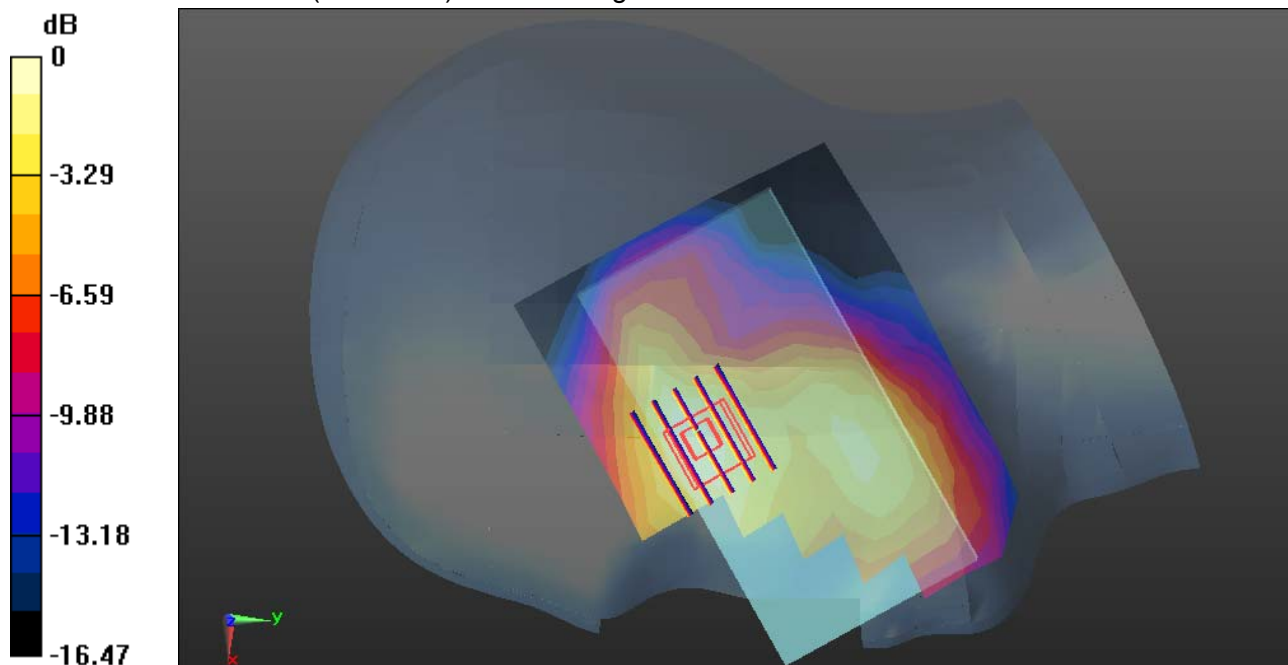
WCDMA/Right Head Cheek Middle CH9400/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.873 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.332 W/kg

SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.106 W/kg

Maximum value of SAR (measured) = 0.257 W/kg



0 dB = 0.257 W/kg = -5.90 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/7/2014

WCDMA Band II-Right Head Tilted Middle CH9400**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

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; $\sigma = 1.401$ S/m; $\epsilon_r = 39.467$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

WCDMA/Right Head Tilted Middle CH9400/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.140 W/kg

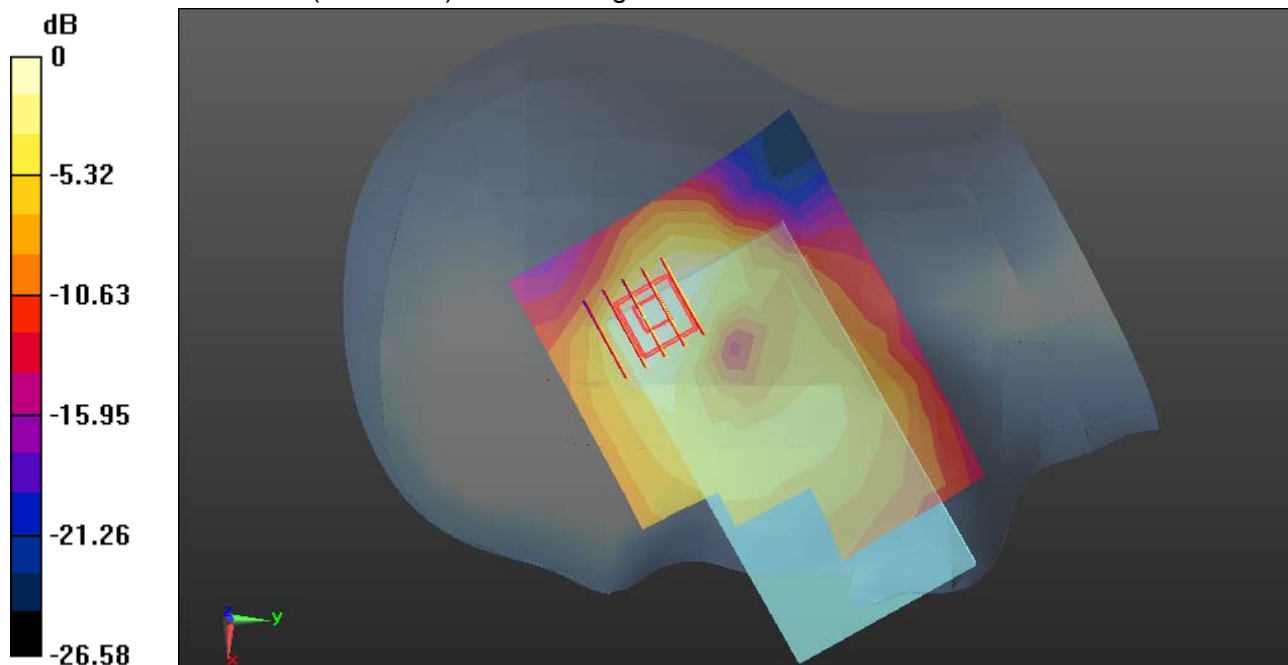
WCDMA/Right Head Tilted Middle CH9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.726 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.209 W/kg

SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.057 W/kg

Maximum value of SAR (measured) = 0.151 W/kg



0 dB = 0.151 W/kg = -8.21 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/7/2014

WCDMA Band II-Left Head Cheek Middle CH9400**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

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; $\sigma = 1.401$ S/m; $\epsilon_r = 39.467$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

WCDMA/Left Head Cheek Middle CH9400/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.490 W/kg

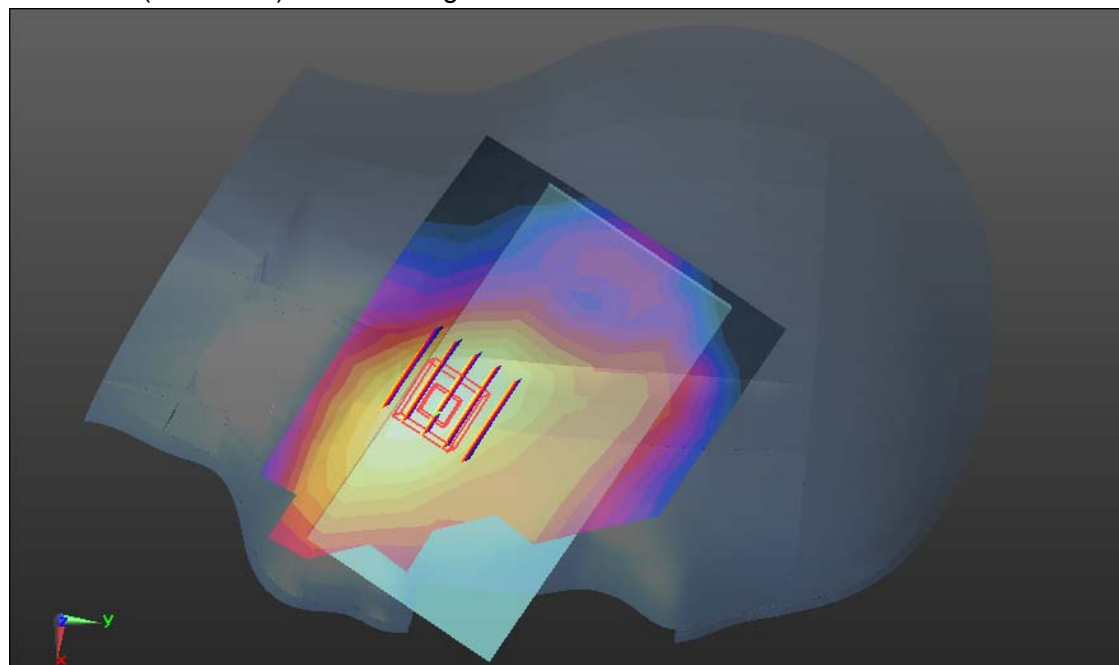
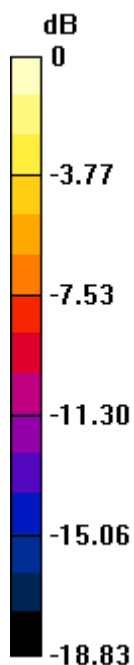
WCDMA/Left Head Cheek Middle CH9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.578 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.725 W/kg

SAR(1 g) = 0.407 W/kg; SAR(10 g) = 0.228 W/kg

Maximum value of SAR (measured) = 0.562 W/kg



0 dB = 0.562 W/kg = -2.50 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/7/2014

WCDMA Band II-Left Head Tilted Middle CH9400**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

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; $\sigma = 1.401$ S/m; $\epsilon_r = 39.467$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

WCDMA/Left Head Tilted Middle CH9400/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.121 W/kg

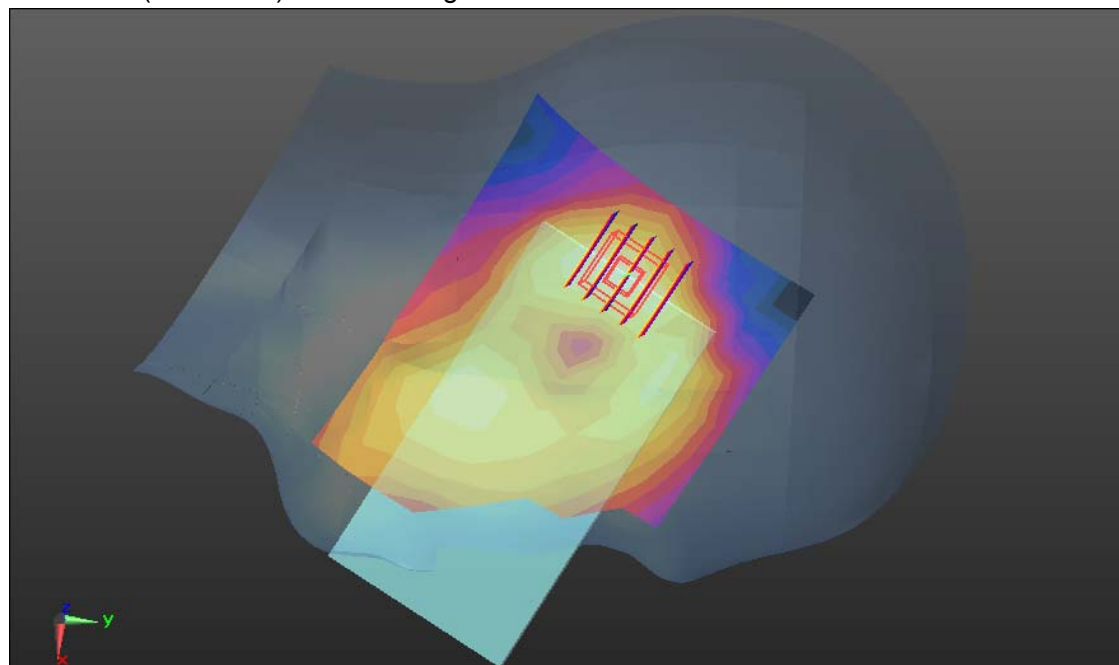
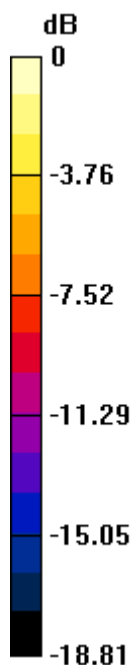
WCDMA/Left Head Tilted Middle CH9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.334 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.169 W/kg

SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.045 W/kg

Maximum value of SAR (measured) = 0.124 W/kg



0 dB = 0.124 W/kg = -9.07 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/6/2014

WCDMA Band V-Right Head Cheek Low CH4132**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

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; $\sigma = 0.895$ S/m; $\epsilon_r = 41.172$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°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)

WCDMA/Right Head Cheek Low CH4132/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0835 W/kg

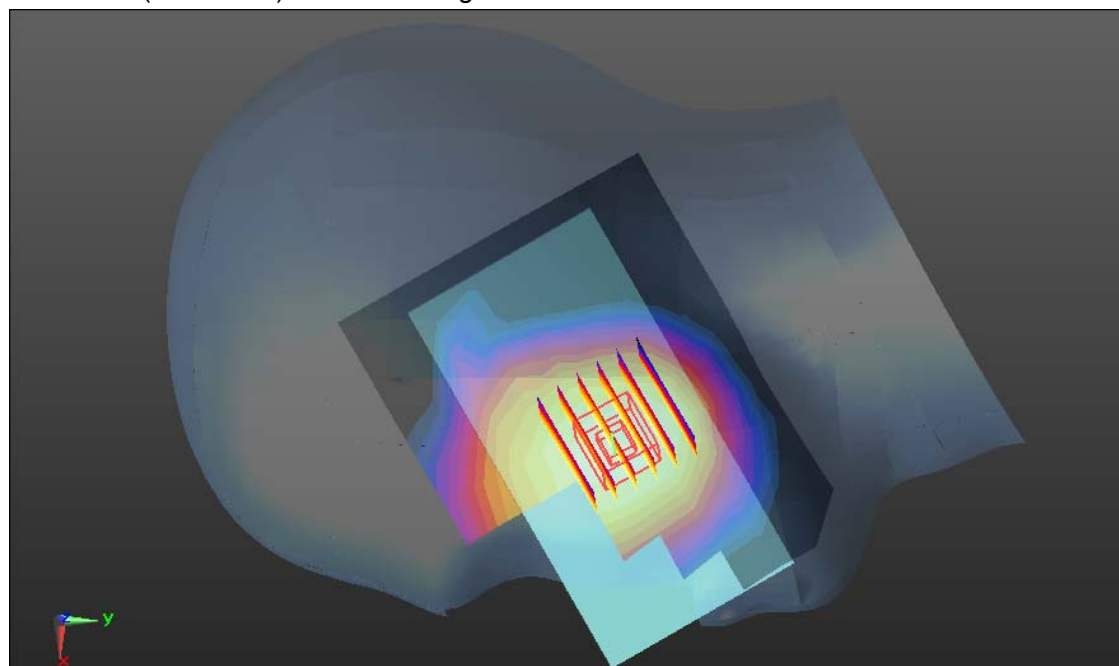
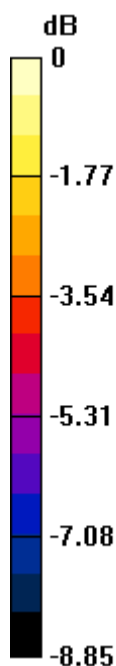
WCDMA/Right Head Cheek Low CH4132/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.535 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.0890 W/kg

SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.063 W/kg[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0841 W/kg



0 dB = 0.0841 W/kg = -10.75 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/6/2014

WCDMA Band V-Right Head Tilted Low CH4132

DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848

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; $\sigma = 0.886$ S/m; $\epsilon_r = 41.313$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

WCDMA/Right Head Tilted Low CH4132/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0499 W/kg

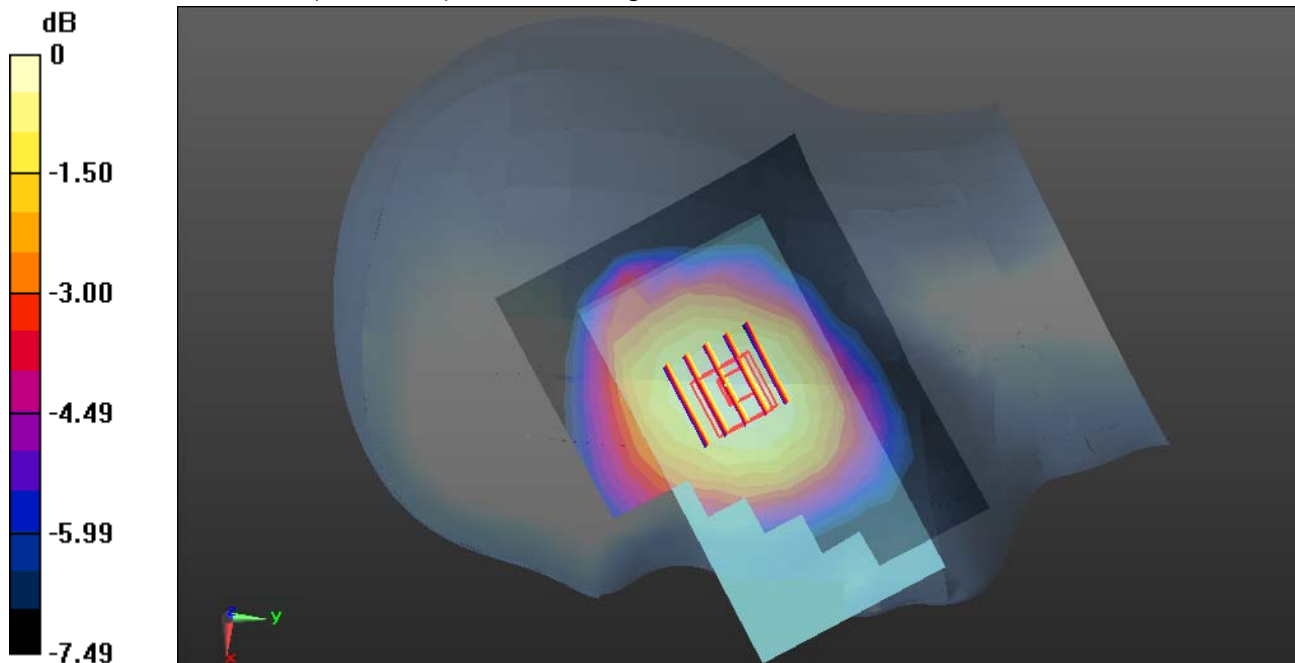
WCDMA/Right Head Tilted Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.848 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.0550 W/kg

SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.037 W/kg

Maximum value of SAR (measured) = 0.0506 W/kg



0 dB = 0.0506 W/kg = -12.96 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/6/2014

WCDMA Band V-Left Head Cheek Low CH4132**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

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; $\sigma = 0.886$ S/m; $\epsilon_r = 41.313$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

WCDMA Band V/Left Head Cheek Low CH4132/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0678 W/kg

WCDMA Band V/Left Head Cheek Low CH4132/Zoom Scan (6x5x7)/Cube 0: Measurement grid:

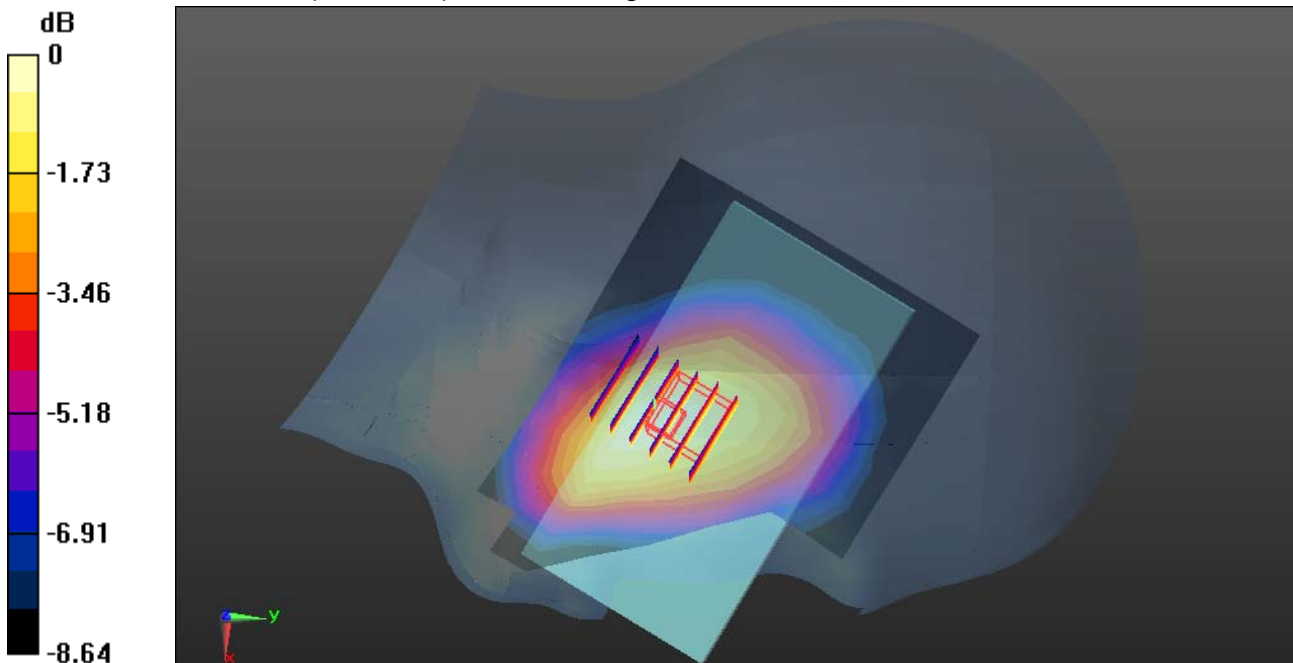
dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.481 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.0830 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.046 W/kg

Maximum value of SAR (measured) = 0.0732 W/kg



0 dB = 0.0732 W/kg = -11.35 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/6/2014

WCDMA Band V-Left Head Tilted Low CH4132**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

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; $\sigma = 0.886$ S/m; $\epsilon_r = 41.313$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

WCDMA Band V/Left Head Tilted Low CH4132/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0365 W/kg

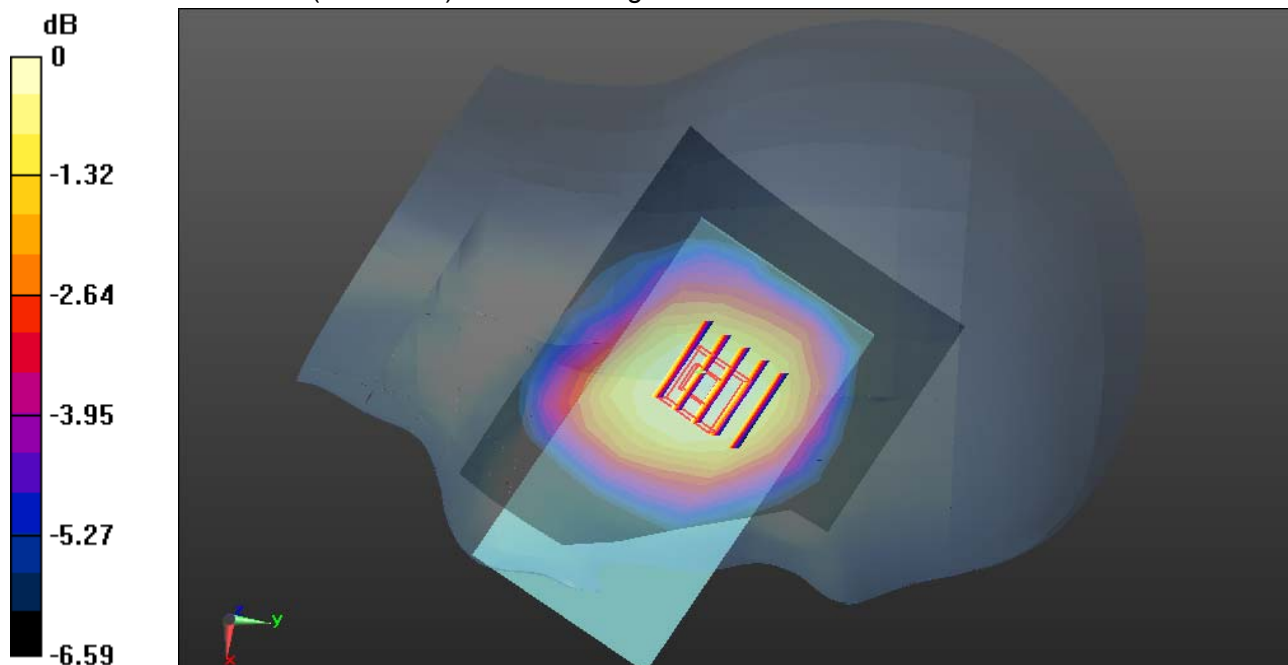
WCDMA Band V/Left Head Tilted Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.438 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.0400 W/kg

SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.027 W/kg

Maximum value of SAR (measured) = 0.0371 W/kg



0 dB = 0.0371 W/kg = -14.31 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/8/2014

WIFI-Right Head Cheek Middle CH6**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

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; $\sigma = 1.776$ S/m; $\epsilon_r = 39.419$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

WIFI/Right Head Cheek Middle CH6/Area Scan (10x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.579 W/kg

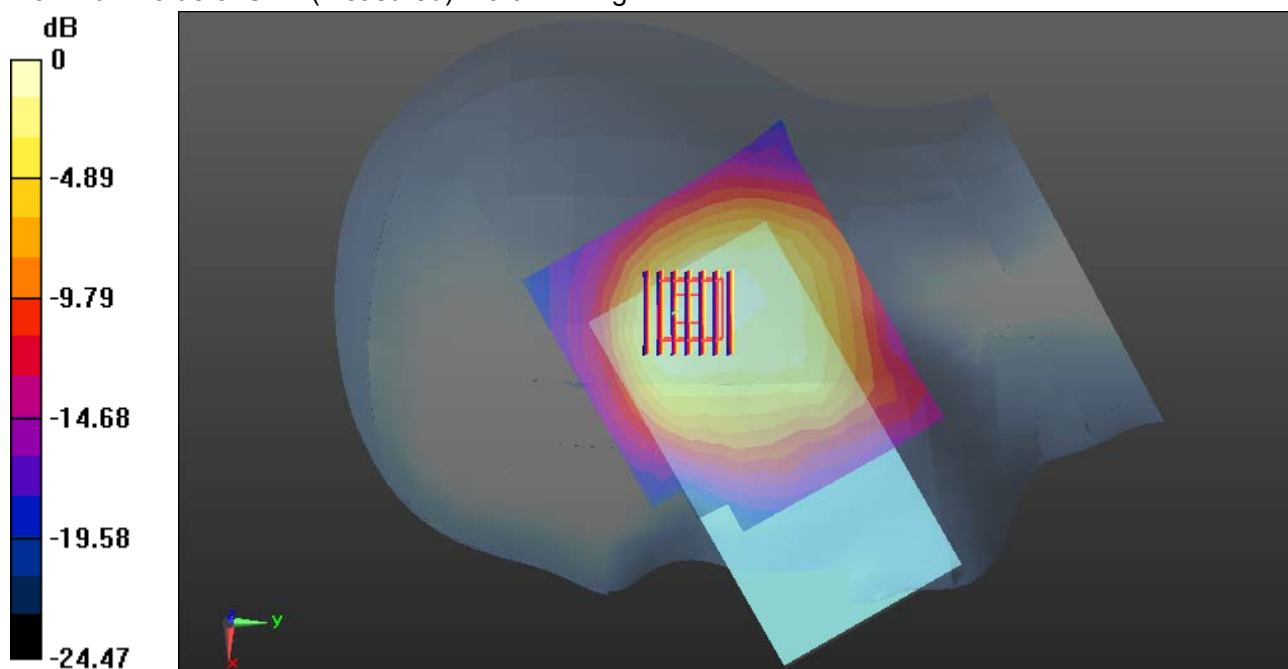
WIFI/Right Head Cheek Middle CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.10 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.877 W/kg

SAR(1 g) = 0.417 W/kg; SAR(10 g) = 0.214 W/kg

Maximum value of SAR (measured) = 0.621 W/kg



0 dB = 0.621 W/kg = -2.07 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/8/2014

WIFI-Right Head Tilted Middle CH6**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

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; $\sigma = 1.776$ S/m; $\epsilon_r = 39.419$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

WIFI/Right Head Tilted Middle CH6/Area Scan (10x12x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.565 W/kg

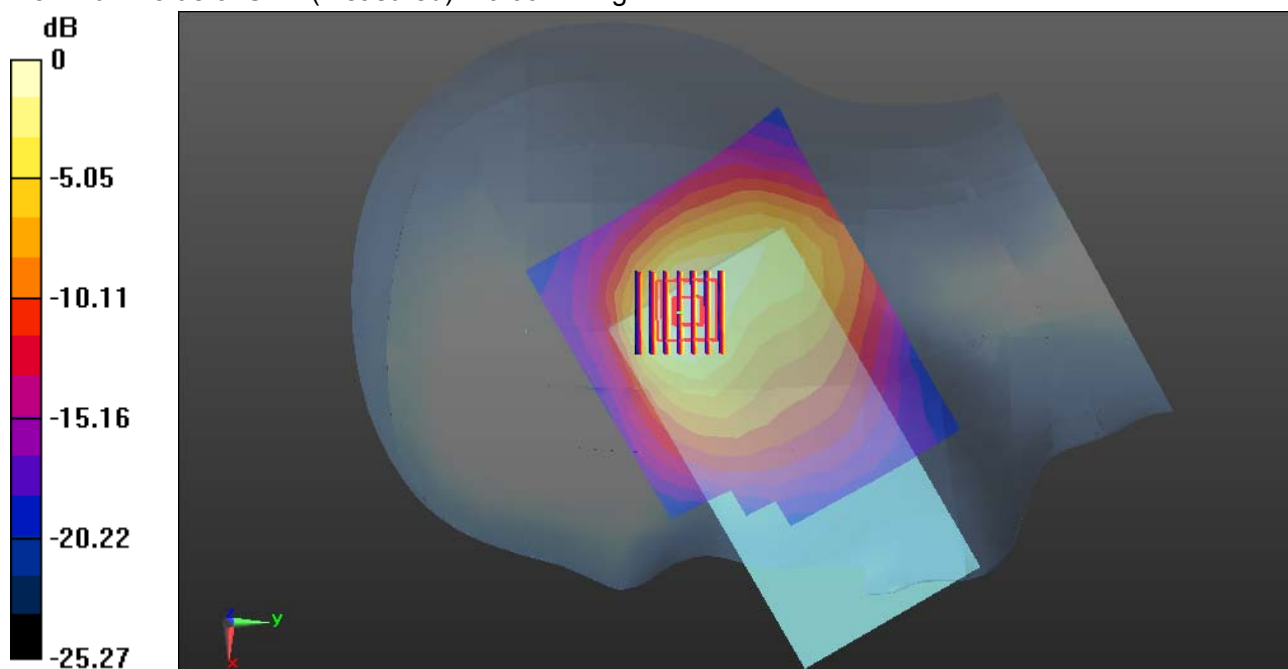
WIFI/Right Head Tilted Middle CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.46 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.848 W/kg

SAR(1 g) = 0.401 W/kg; SAR(10 g) = 0.194 W/kg

Maximum value of SAR (measured) = 0.601 W/kg



0 dB = 0.601 W/kg = -2.21 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/8/2014

WIFI-Left Head Cheek Middle CH6**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

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; $\sigma = 1.776$ S/m; $\epsilon_r = 39.419$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

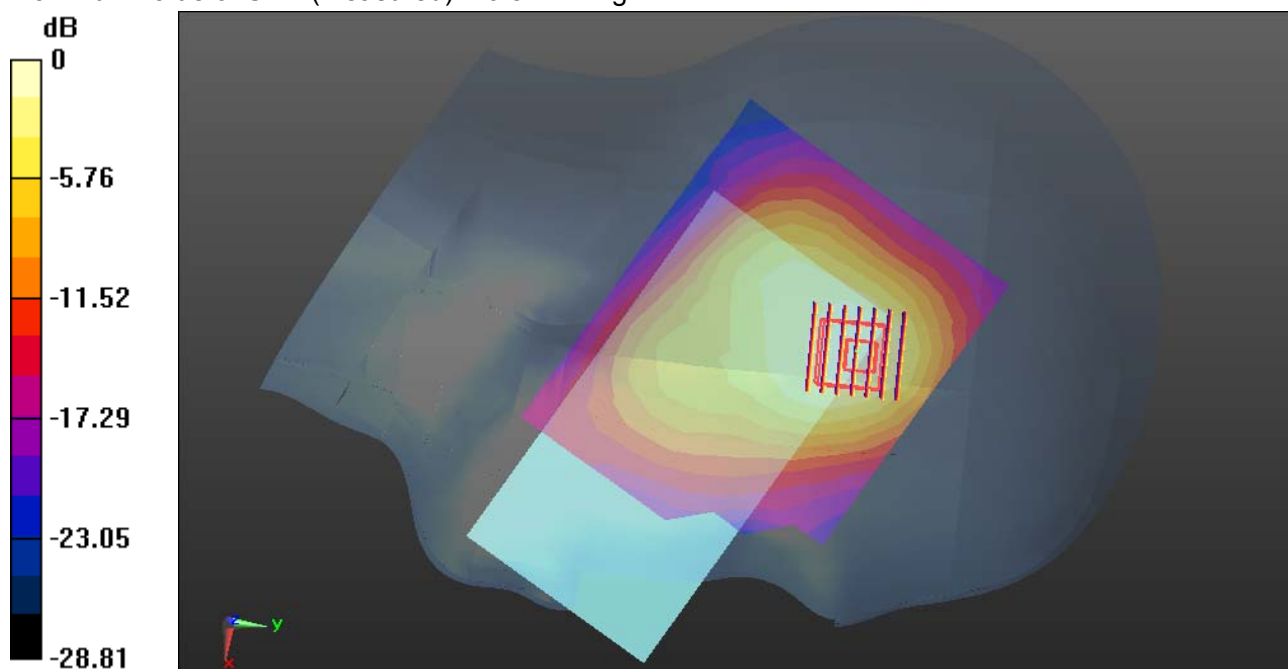
WIFI/Left Head Cheek Middle CH6/Area Scan (10x12x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.826 W/kg**WIFI/Left Head Cheek Middle CH6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.62 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.538 W/kg; SAR(10 g) = 0.262 W/kg

Maximum value of SAR (measured) = 0.824 W/kg



0 dB = 0.824 W/kg = -0.84 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/8/2014

WIFI-Left Head Tilted Middle CH6**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

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; $\sigma = 1.776$ S/m; $\epsilon_r = 39.419$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

WIFI/Left Head Tilted Middle CH6/Area Scan (10x12x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.884 W/kg

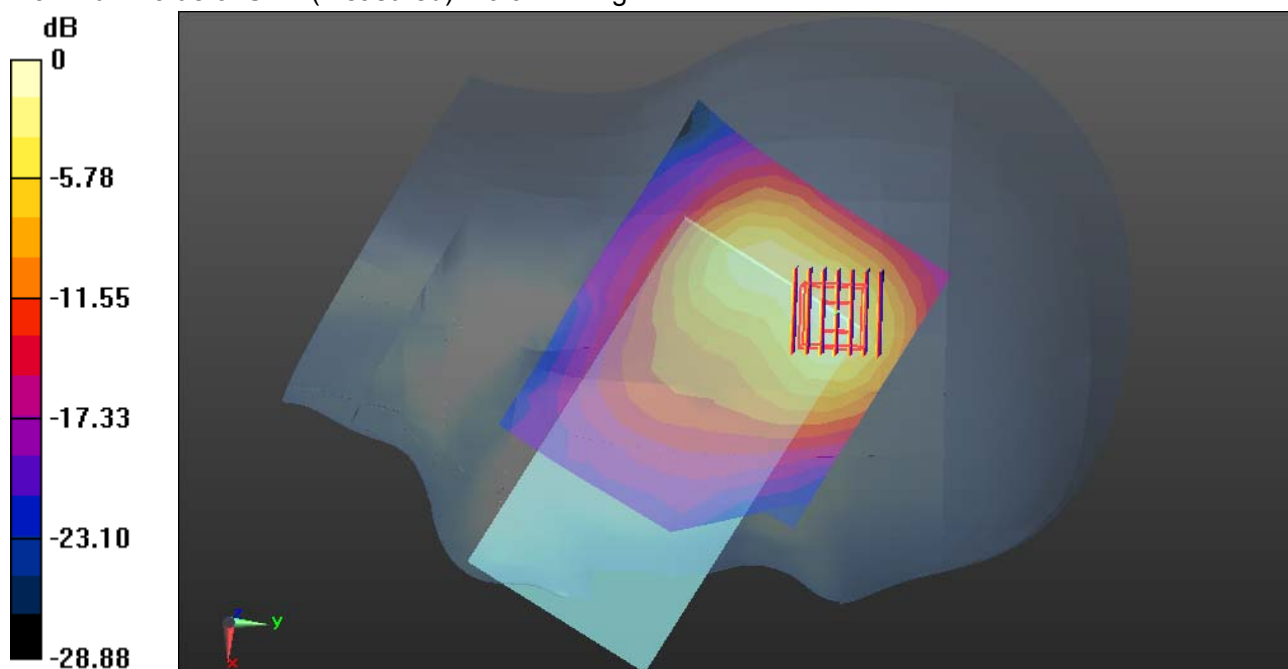
WIFI/Left Head Tilted Middle CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.09 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.562 W/kg; SAR(10 g) = 0.250 W/kg

Maximum value of SAR (measured) = 0.917 W/kg



0 dB = 0.917 W/kg = -0.38 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/6/2014

GPRS 850-Body Front Low CH128

DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848

Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2.77332

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.977$ S/m; $\epsilon_r = 54.393$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

GPRS 850/Body Front Low CH128/Area Scan (13x9x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.327 W/kg

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

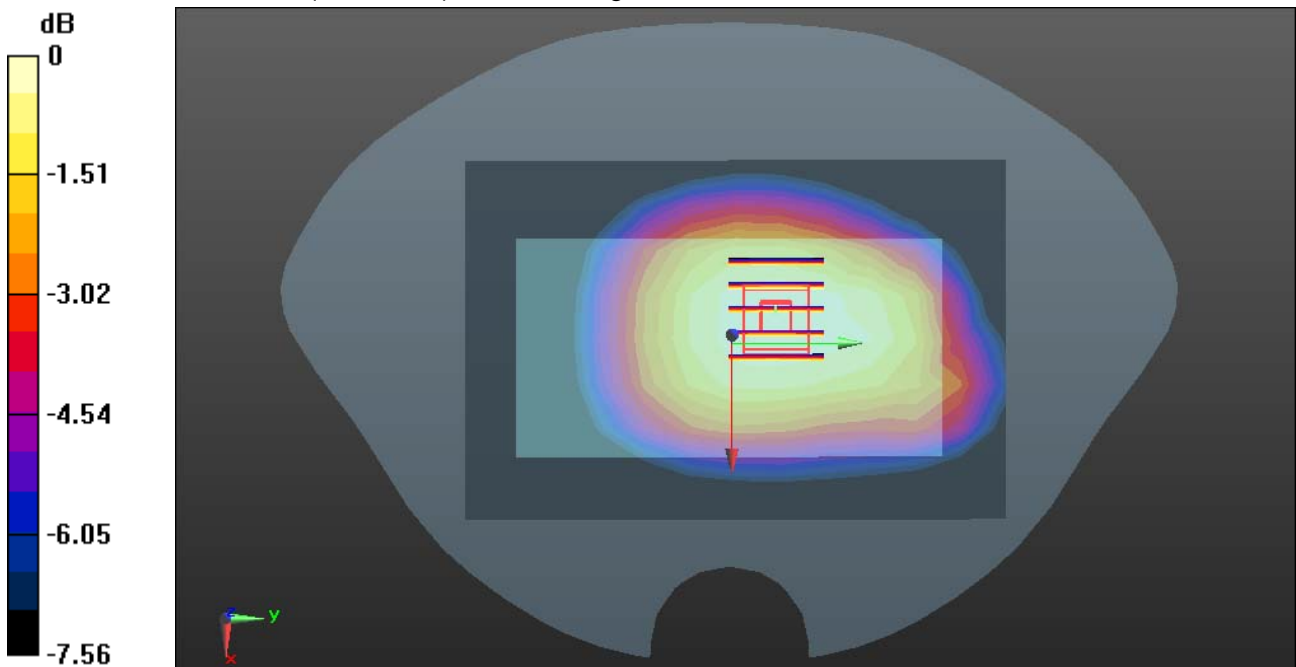
Reference Value = 18.36 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.358 W/kg

SAR(1 g) = 0.294 W/kg; SAR(10 g) = 0.229 W/kg

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

Maximum value of SAR (measured) = 0.332 W/kg



0 dB = 0.332 W/kg = -4.79 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/6/2014

GPRS 850-Body Rear Low CH128**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2.77332

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.977$ S/m; $\epsilon_r = 54.393$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

GPRS 850/Body Rear Low CH128/Area Scan (13x9x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.782 W/kg

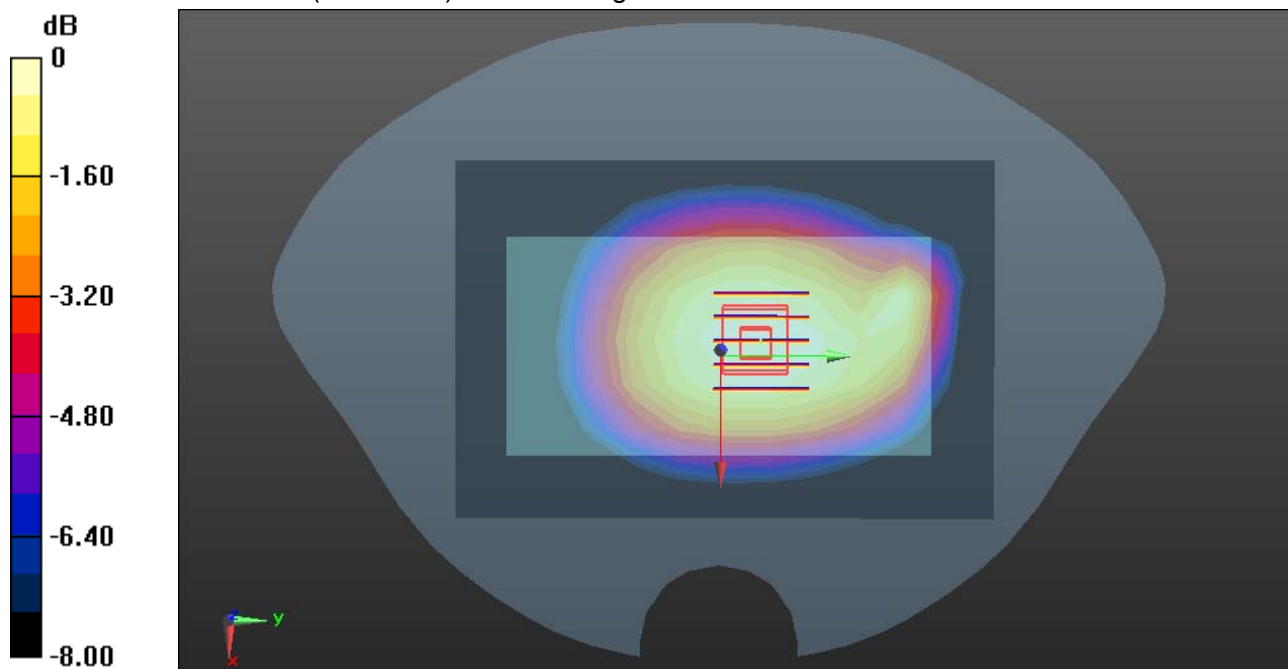
GPRS 850/Body Rear Low CH128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.44 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.850 W/kg

SAR(1 g) = 0.691 W/kg; SAR(10 g) = 0.536 W/kg[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.786 W/kg



0 dB = 0.786 W/kg = -1.05 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/6/2014

GPRS 850-Body-Right Low CH128**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2.77332

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.977$ S/m; $\epsilon_r = 54.393$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°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
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GPRS850/Body Right Low CH128/Area Scan (13x8x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.310 W/kg

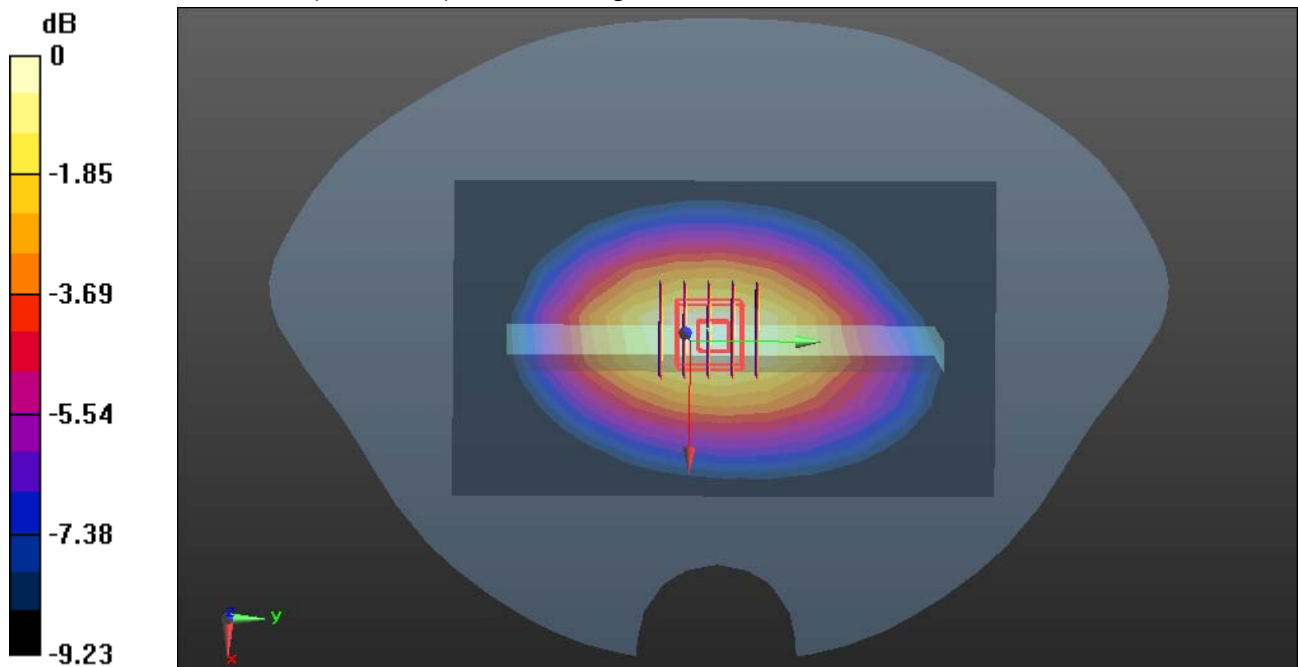
GPRS850/Body Right Low CH128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.03 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.381 W/kg

SAR(1 g) = 0.276 W/kg; SAR(10 g) = 0.194 W/kg[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.335 W/kg



0 dB = 0.335 W/kg = -4.75 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/6/2014

GPRS 850-Body-Left Low CH128**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2.77332

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.977$ S/m; $\epsilon_r = 54.393$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

GPRS850/Body Left Low CH128/Area Scan (13x8x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.389 W/kg

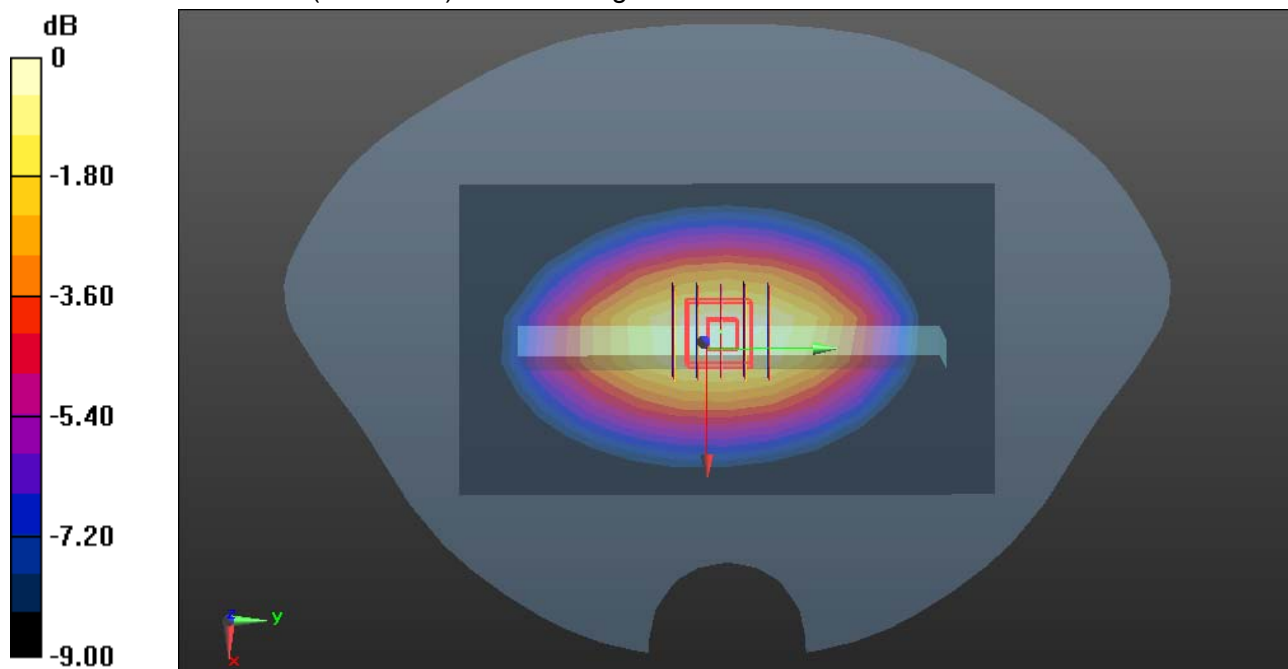
GPRS850/Body Left Low CH128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.12 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.468 W/kg

SAR(1 g) = 0.342 W/kg; SAR(10 g) = 0.241 W/kg[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.414 W/kg



0 dB = 0.414 W/kg = -3.83 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/6/2014

GPRS 850-Body-Bottom Low CH128**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2.77332

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.977$ S/m; $\epsilon_r = 54.393$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

GPRS 850/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) = 0.0868 W/kg

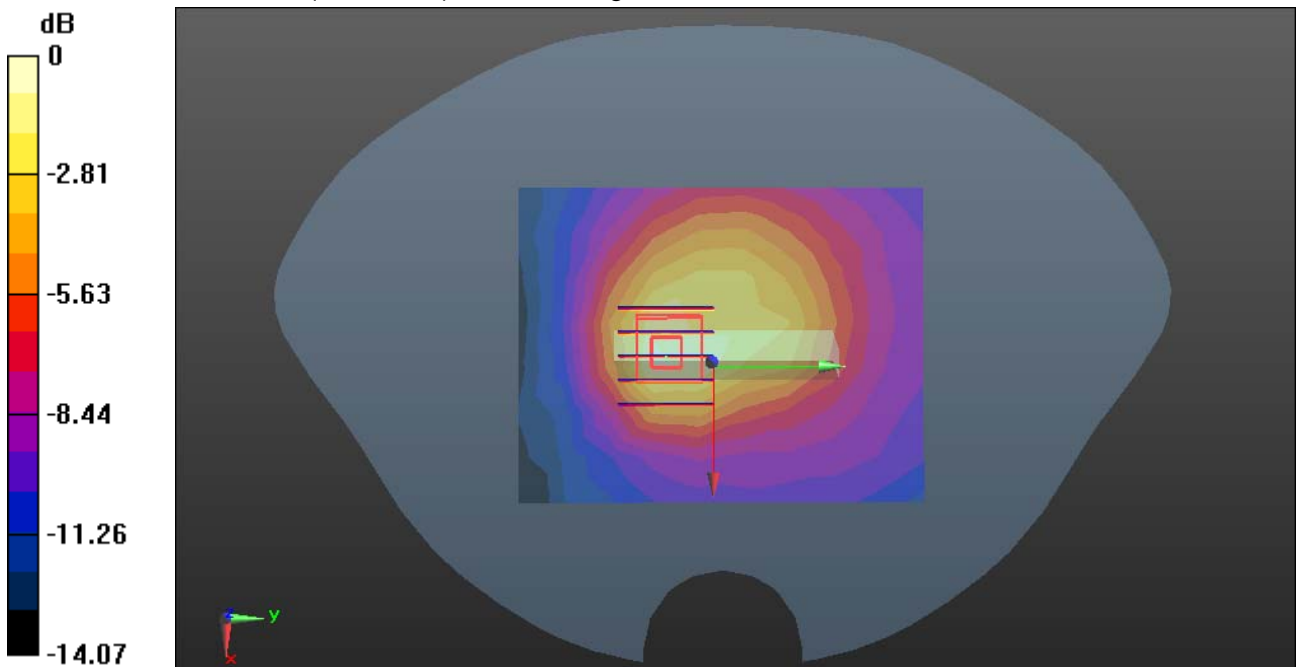
GPRS 850/Body Bottom Low CH128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.279 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.131 W/kg

SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.041 W/kg[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.100 W/kg



0 dB = 0.100 W/kg = -10.00 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/6/2014

GSM 850-Body Rear Low CH128**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

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; $\sigma = 0.977$ S/m; $\epsilon_r = 54.393$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

GSM 850/Body Rear Low CH128/Area Scan (13x9x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

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

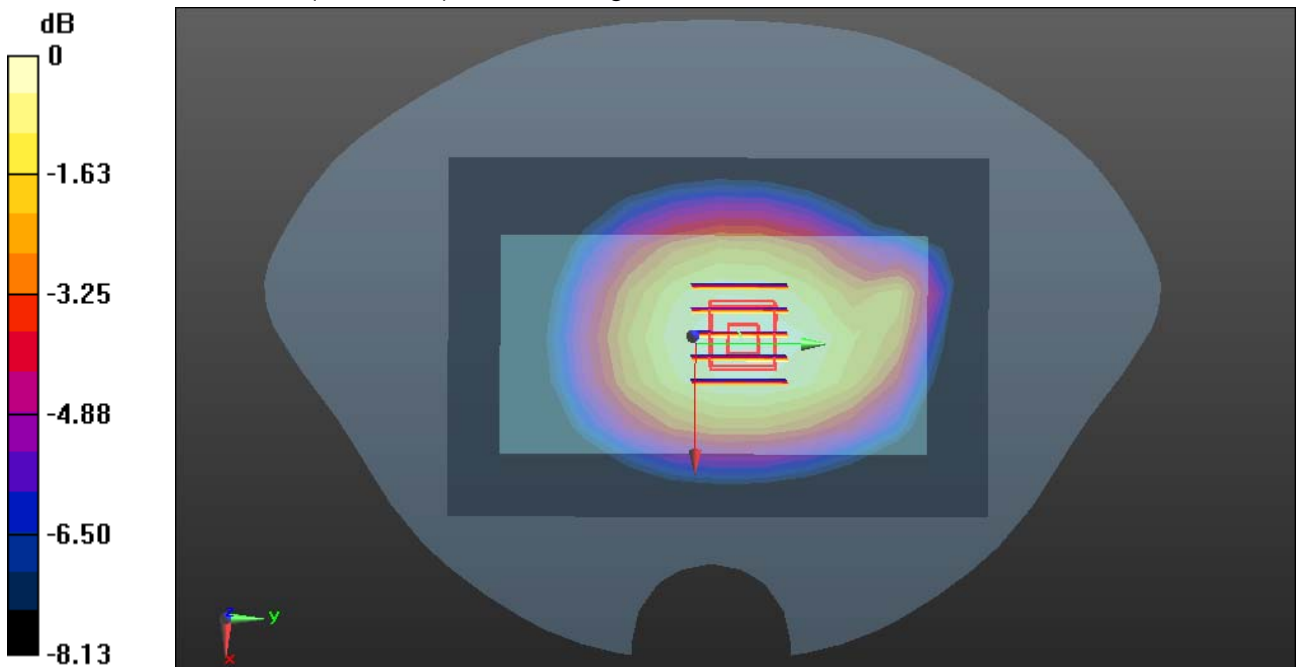
GSM 850/Body Rear Low CH128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.24 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.835 W/kg

SAR(1 g) = 0.568 W/kg; SAR(10 g) = 0.409 W/kg[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.767 W/kg



0 dB = 0.767 W/kg = -1.15 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/7/2014

GPRS 1900-Body Front Middle CH661**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

Communication System: UID 0, Generic GSM (0); Communication System Band: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.0797

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.538$ S/m; $\epsilon_r = 52.818$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°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
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

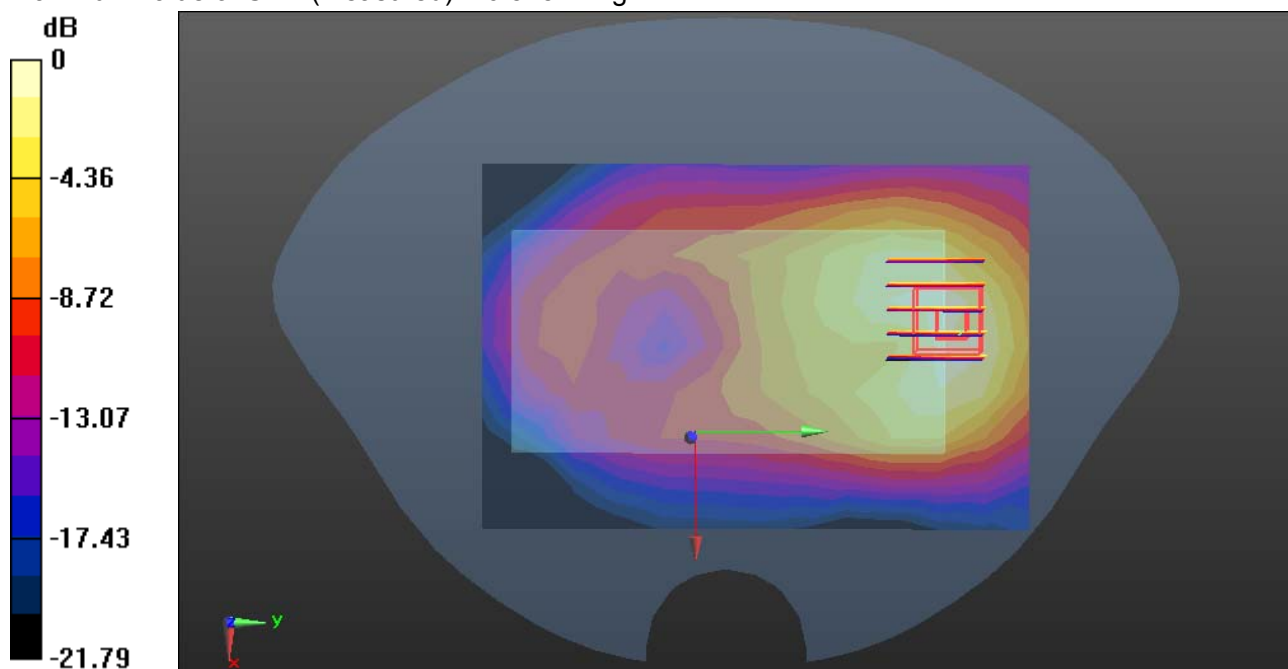
GPRS 1900/Body Front Middle CH661/Area Scan (13x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.521 W/kg**GPRS 1900/Body Front Middle CH661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.218 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.736 W/kg

SAR(1 g) = 0.390 W/kg; SAR(10 g) = 0.207 W/kg

Maximum value of SAR (measured) = 0.545 W/kg



0 dB = 0.545 W/kg = -2.64 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/7/2014

GPRS 1900-Body Rear Middle CH661**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

Communication System: UID 0, Generic GSM (0); Communication System Band: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.0797

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.538$ S/m; $\epsilon_r = 52.818$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

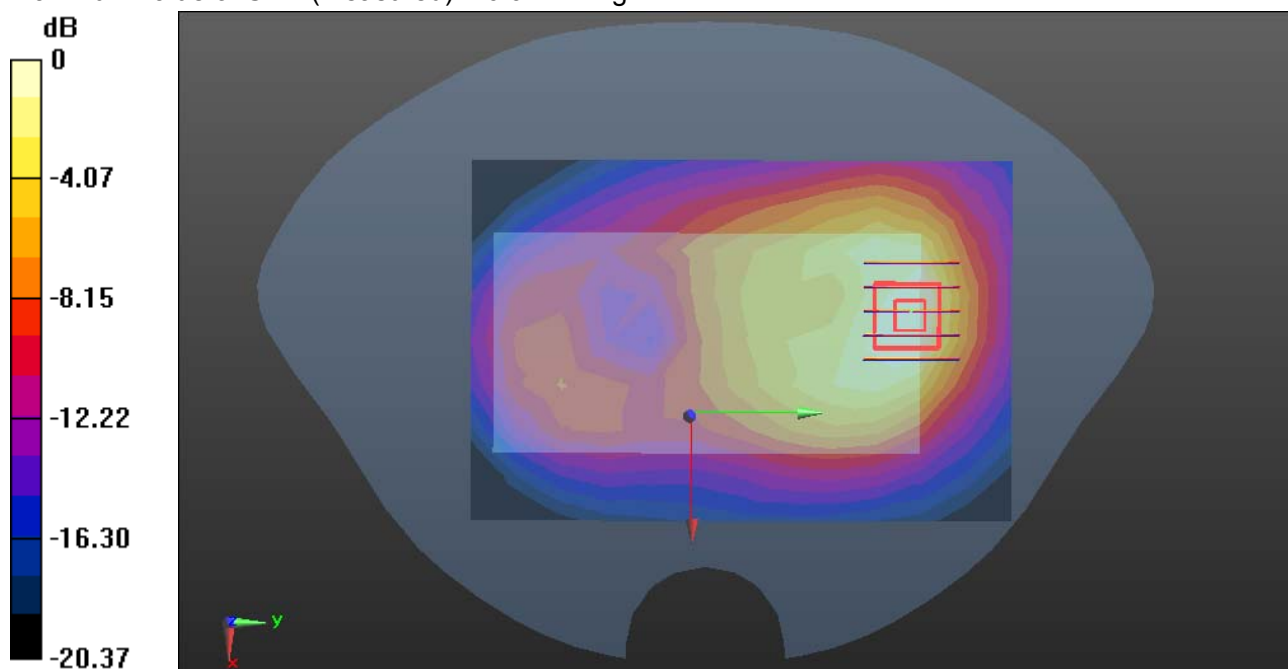
GPRS 1900/Body Rear Middle CH661/Area Scan (13x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.05 W/kg**GPRS 1900/Body Rear Middle CH661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.42 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.646 W/kg; SAR(10 g) = 0.330 W/kg

Maximum value of SAR (measured) = 0.947 W/kg



0 dB = 0.947 W/kg = -0.24 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/7/2014

GPRS 1900-Body-Right Middle CH661**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

Communication System: UID 0, Generic GSM (0); Communication System Band: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.0797

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.538$ S/m; $\epsilon_r = 52.818$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

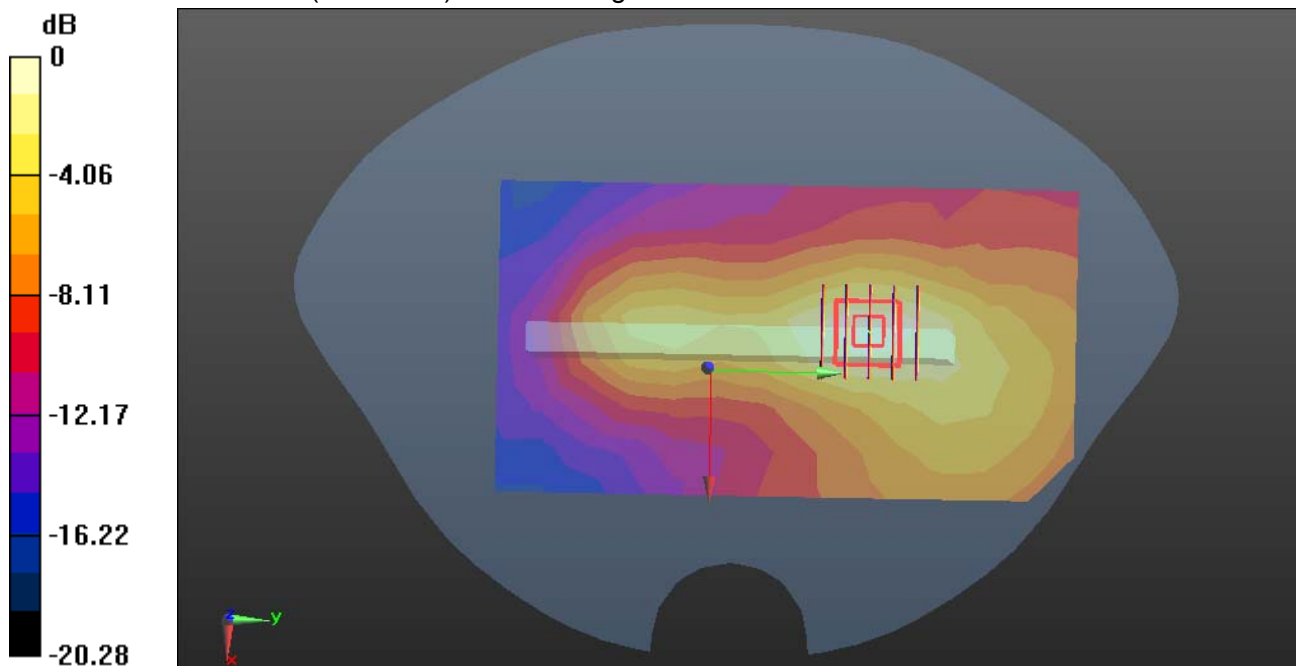
GPRS 1900/Body Right Middle CH661/Area Scan (14x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.190 W/kg**GPRS 1900/Body Right Middle CH661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.587 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.276 W/kg

SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.078 W/kg

Maximum value of SAR (measured) = 0.209 W/kg



0 dB = 0.209 W/kg = -6.80 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/7/2014

GPRS 1900-Body-Left Middle CH661

DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848

Communication System: UID 0, Generic GSM (0); Communication System Band: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.0797

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.538$ S/m; $\epsilon_r = 52.818$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

GPRS1900/Body Left Middle CH661/Area Scan (14x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.199 W/kg

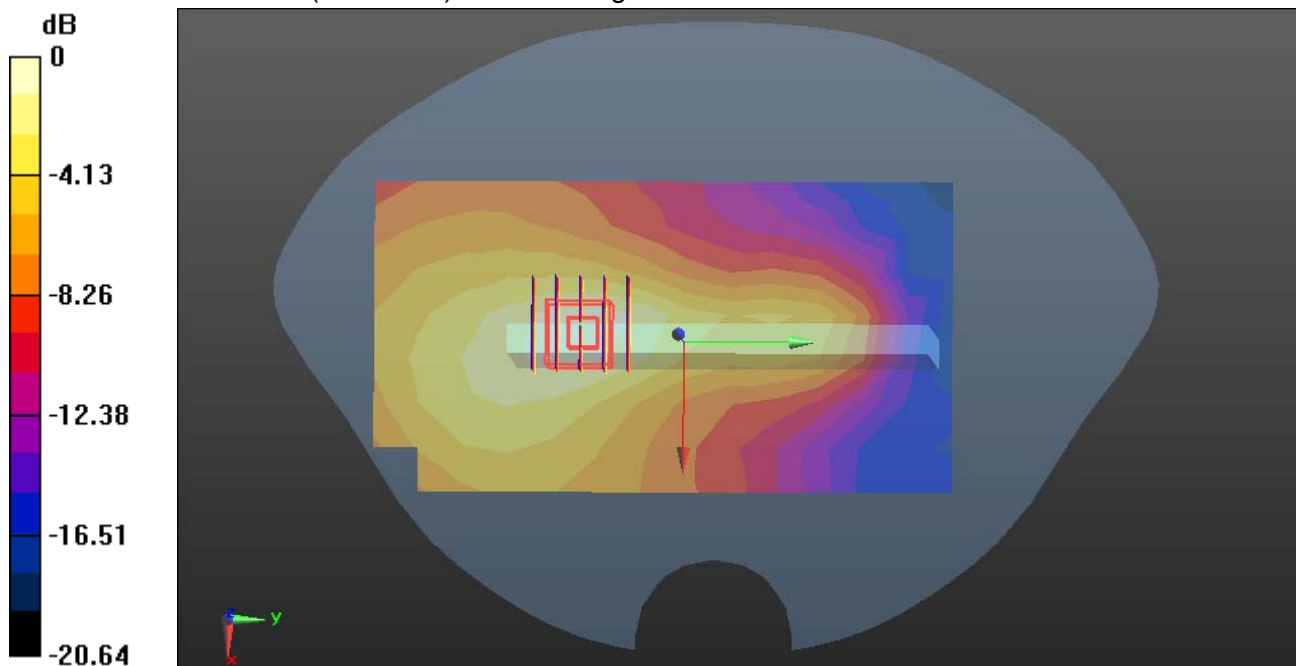
GPRS1900/Body Left Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.041 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.301 W/kg

SAR(1 g) = 0.158 W/kg; SAR(10 g) = 0.086 W/kg

Maximum value of SAR (measured) = 0.226 W/kg



0 dB = 0.226 W/kg = -6.46 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/7/2014

GPRS 1900-Body-Bottom Middle CH661**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

Communication System: UID 0, Generic GSM (0); Communication System Band: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.0797

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.538$ S/m; $\epsilon_r = 52.818$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

GPRS 1900/Body Bottom Middle CH661/Area Scan (10x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.615 W/kg

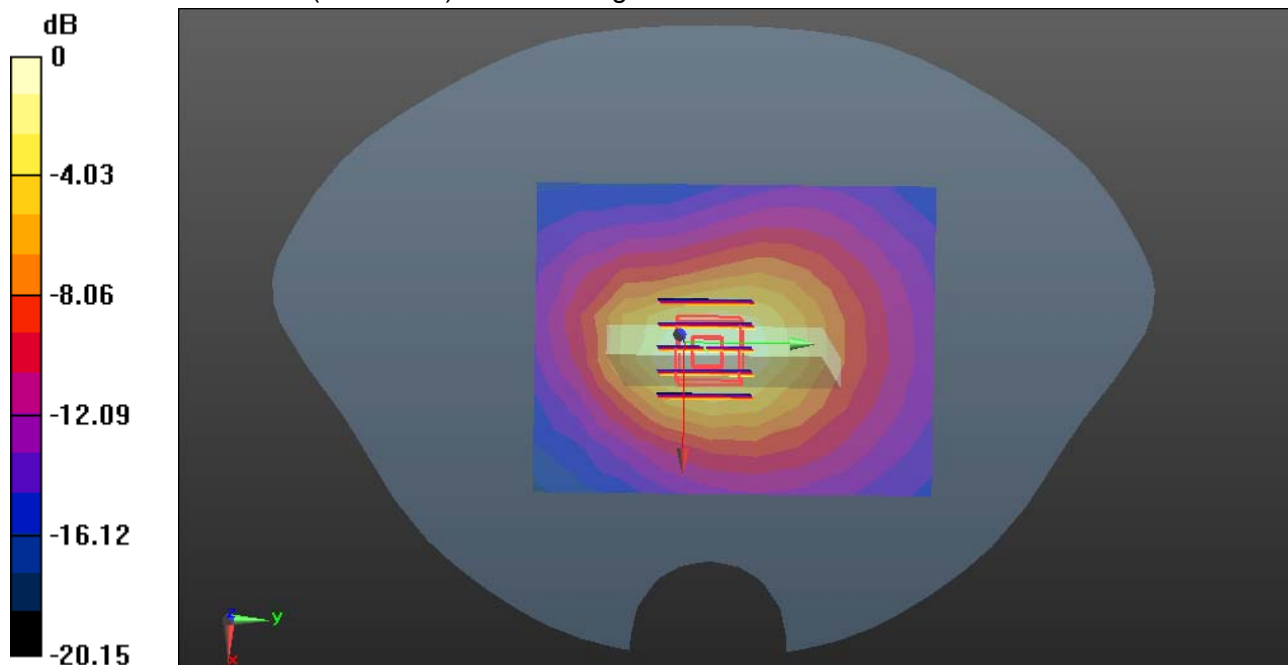
GPRS 1900/Body Bottom Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.65 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.855 W/kg

SAR(1 g) = 0.460 W/kg; SAR(10 g) = 0.244 W/kg

Maximum value of SAR (measured) = 0.659 W/kg



0 dB = 0.659 W/kg = -1.81 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/7/2014

GSM 1900-Body Rear Middle CH661**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

Communication System: UID 0, Generic GSM (0); Communication System Band: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.538$ S/m; $\epsilon_r = 52.818$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

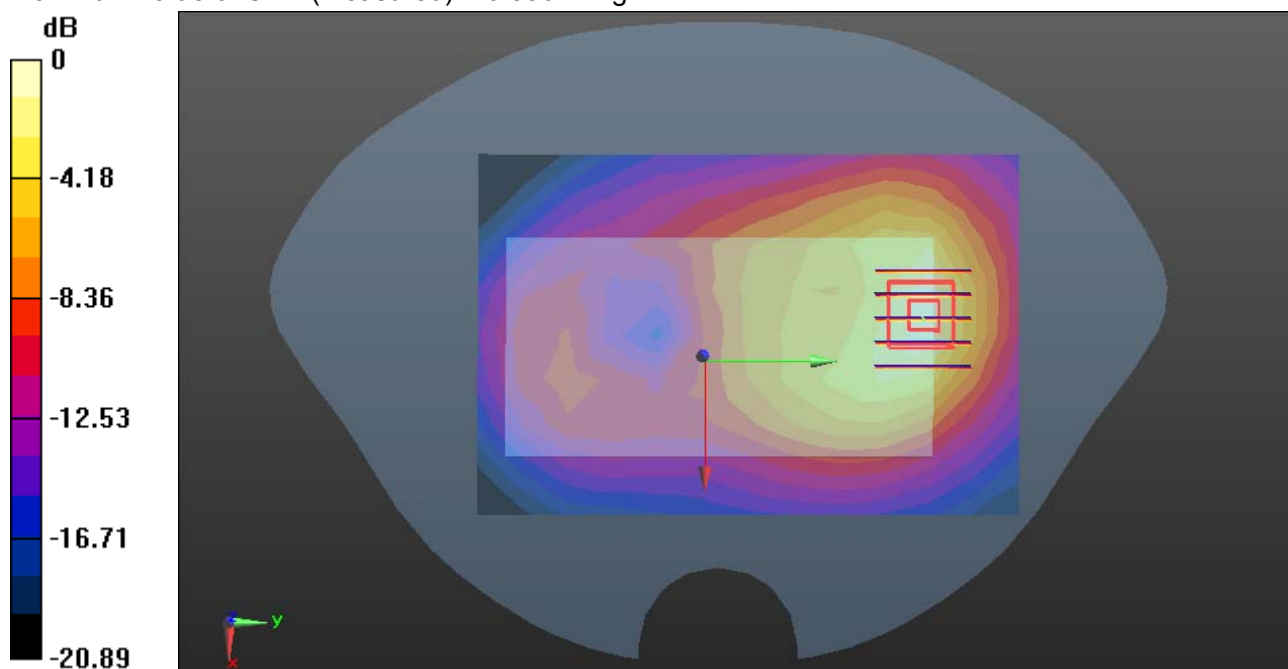
PCS 1900/Body Rear Middle CH661/Area Scan (13x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.765 W/kg**PCS 1900/Body Rear Middle CH661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.971 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.536 W/kg; SAR(10 g) = 0.290 W/kg

Maximum value of SAR (measured) = 0.836 W/kg



0 dB = 0.836 W/kg = -0.78 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/7/2014

WCDMA Band II-Body Front Middle CH9400**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

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; $\sigma = 1.538$ S/m; $\epsilon_r = 52.818$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

WCDMA Band II/Body Front Middle CH9400/Area Scan (13x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.916 W/kg

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

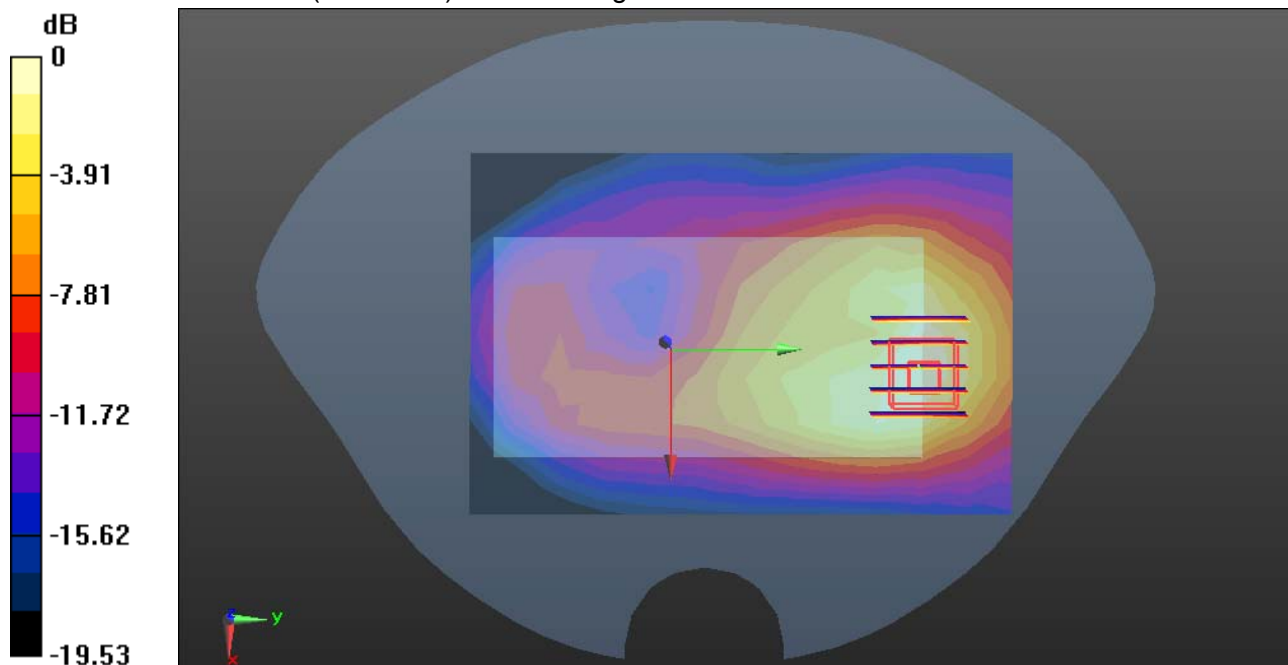
dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.275 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.628 W/kg; SAR(10 g) = 0.331 W/kg

Maximum value of SAR (measured) = 0.900 W/kg



0 dB = 0.900 W/kg = -0.46 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/7/2014

WCDMA Band II-Body Rear Low CH9262**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

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; $\sigma = 1.511$ S/m; $\epsilon_r = 52.896$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°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
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Body Rear Low CH9262/Area Scan (13x9x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.46 W/kg

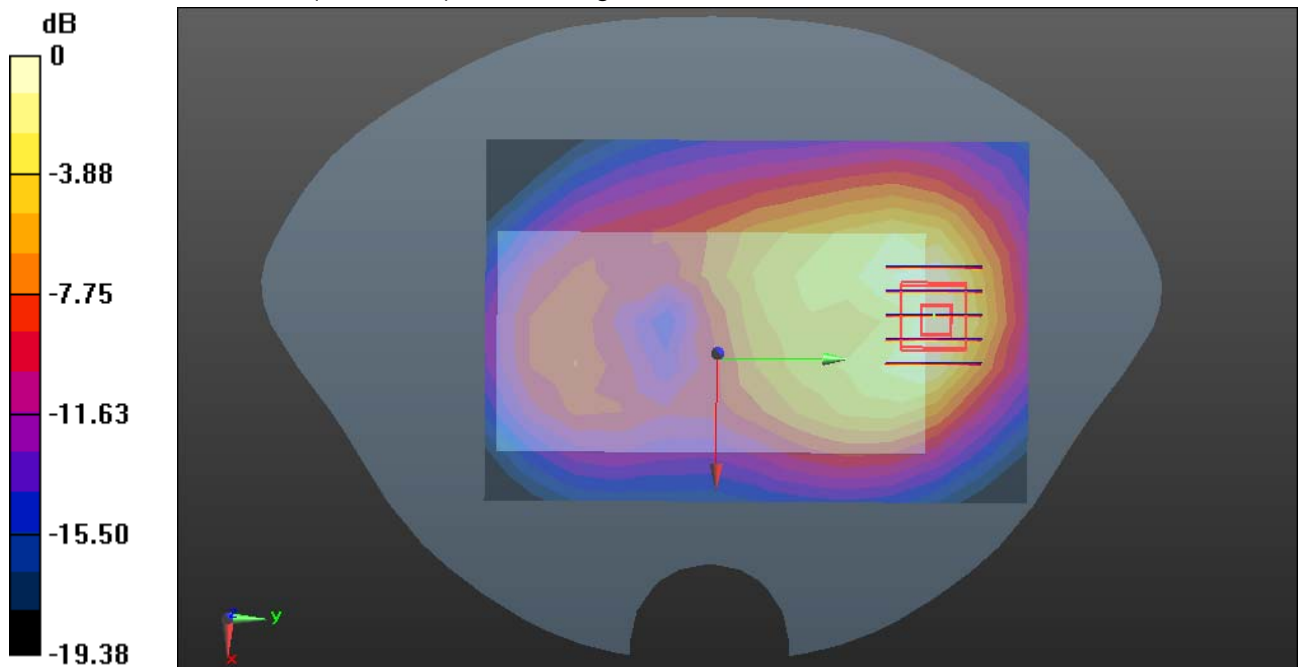
WCDMA Band II/Body Rear Low CH9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.816 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.814 W/kg; SAR(10 g) = 0.422 W/kg[Info: Interpolated medium parameters used for SAR evaluation.](#)

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: 9/7/2014

WCDMA Band II-Body Rear Middle CH9400**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

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; $\sigma = 1.538$ S/m; $\epsilon_r = 52.818$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

WCDMA Band II/Body Rear Middle CH9400/Area Scan (13x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.49 W/kg

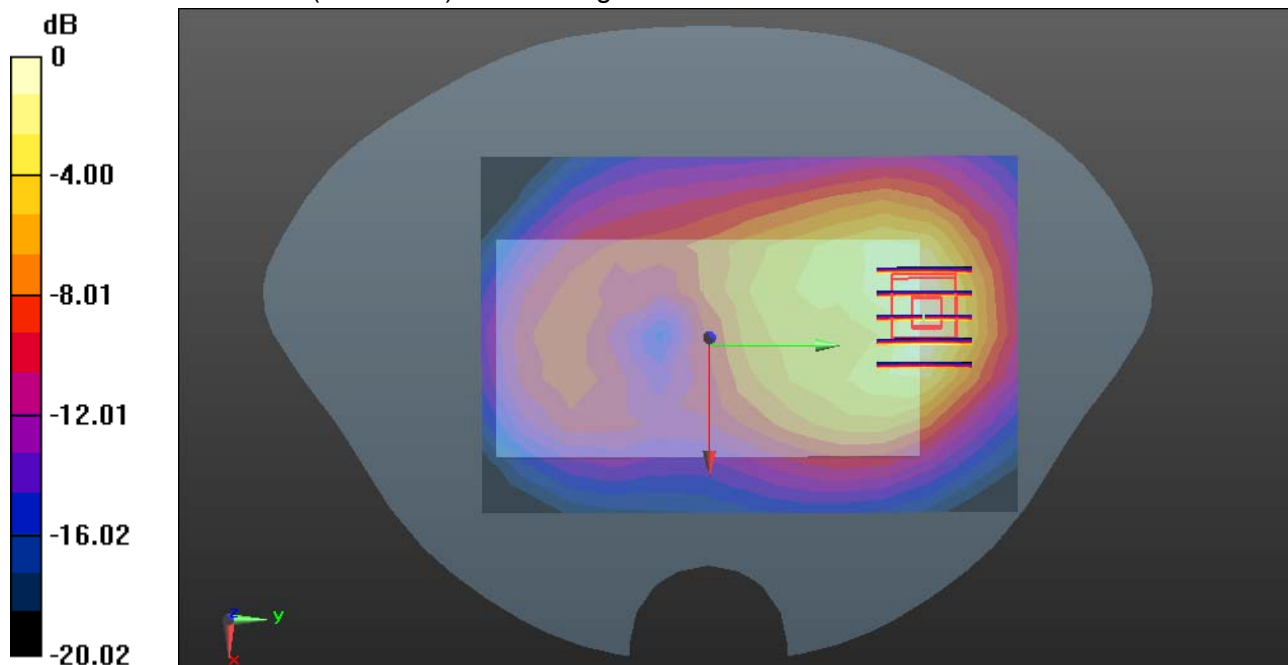
WCDMA Band II/Body Rear Middle CH9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.63 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 0.942 W/kg; SAR(10 g) = 0.480 W/kg

Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/7/2014

WCDMA Band II-Body Rear High CH9538**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

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; $\sigma = 1.565$ S/m; $\epsilon_r = 52.77$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

WCDMA Band II/Body Rear High CH9538/Area Scan (13x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.41 W/kg

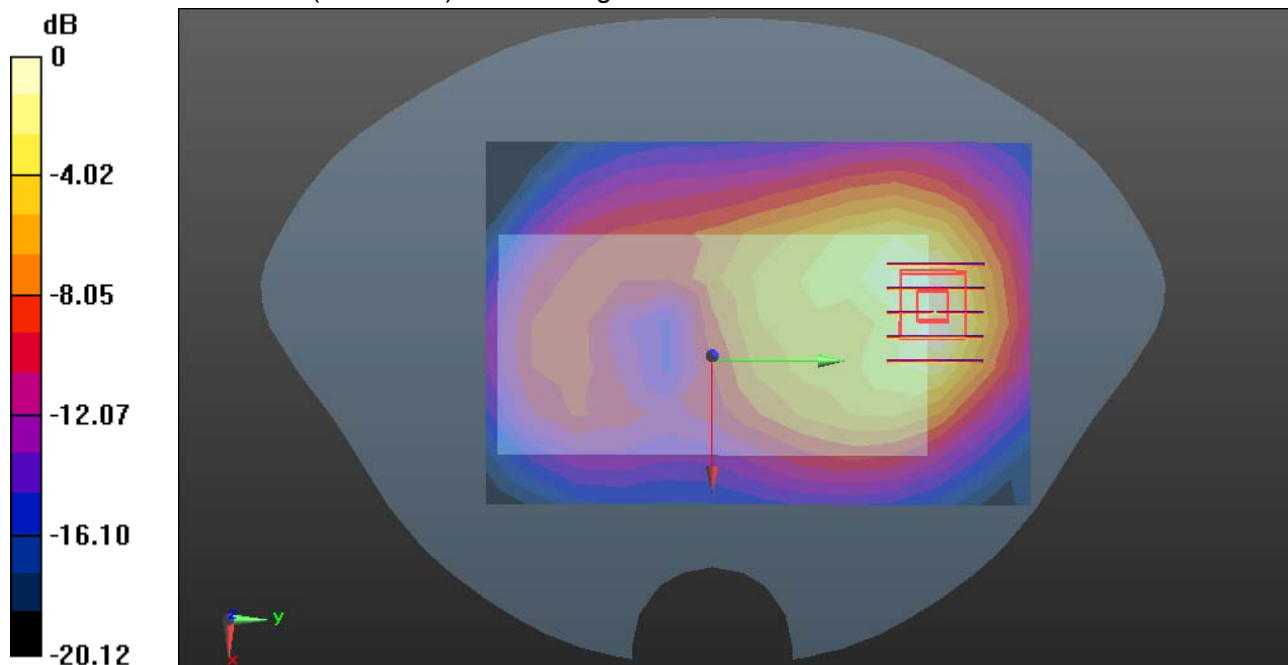
WCDMA Band II/Body Rear High CH9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.93 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 0.933 W/kg; SAR(10 g) = 0.479 W/kg

Maximum value of SAR (measured) = 1.38 W/kg



0 dB = 1.38 W/kg = 1.40 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/7/2014

WCDMA Band II-Body-Right Middle CH9400**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

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; $\sigma = 1.538$ S/m; $\epsilon_r = 52.818$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

WCDMA Band II/Body Right Middle CH9400/Area Scan (13x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.209 W/kg

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

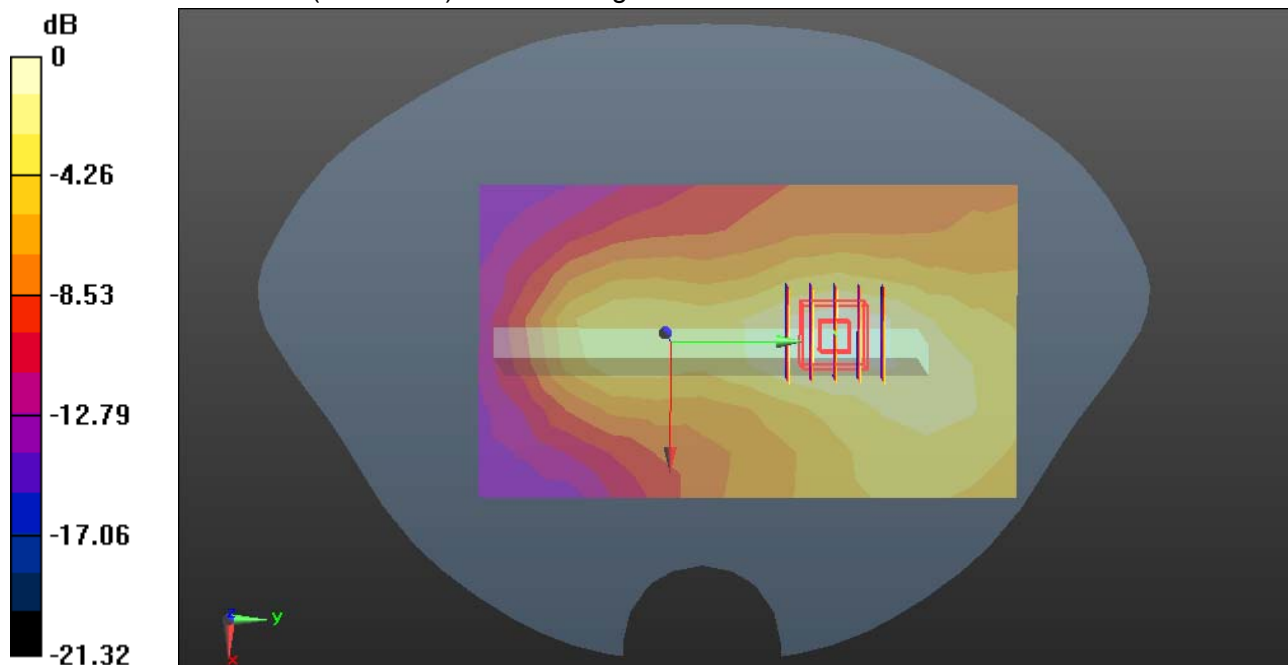
dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.750 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.304 W/kg

SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.087 W/kg

Maximum value of SAR (measured) = 0.228 W/kg



0 dB = 0.228 W/kg = -6.42 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/7/2014

WCDMA Band II-Body-Left Middle CH9400**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

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; $\sigma = 1.538$ S/m; $\epsilon_r = 52.818$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASYS5 (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
- DASYS5 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Body Left Middle CH9400/Area Scan (13x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.238 W/kg

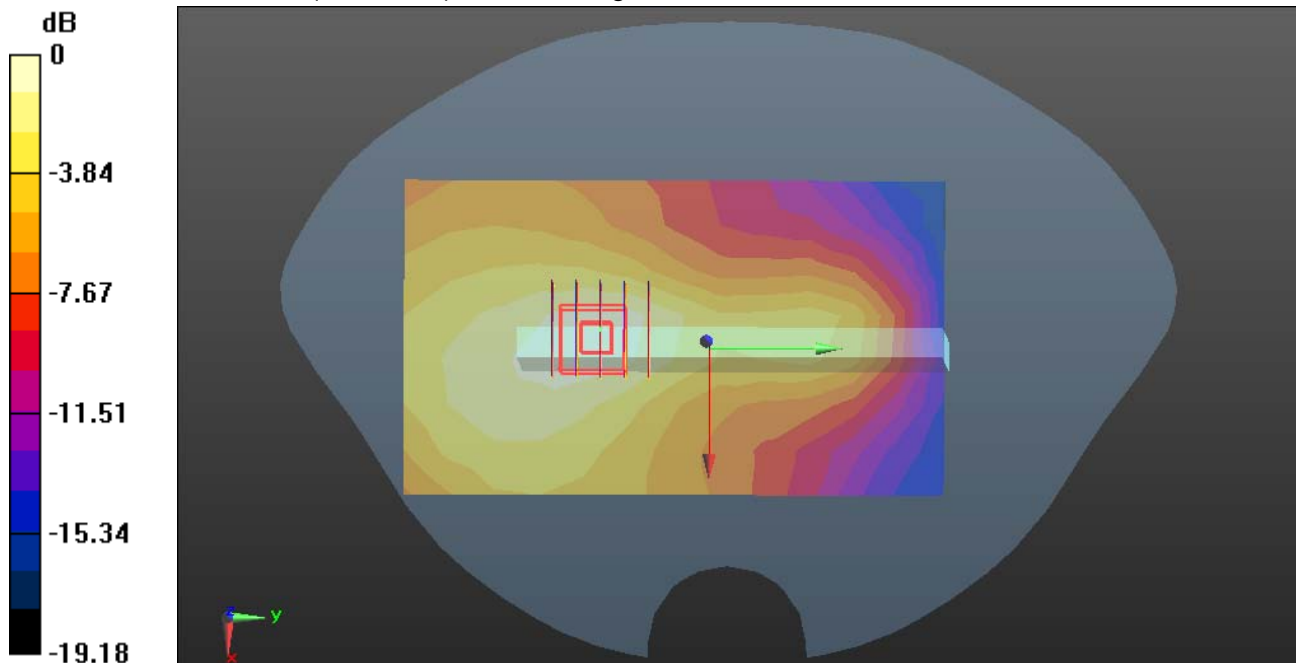
WCDMA Band II/Body Left Middle CH9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.204 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.351 W/kg

SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.105 W/kg

Maximum value of SAR (measured) = 0.266 W/kg



0 dB = 0.266 W/kg = -5.75 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/7/2014

WCDMA Band II-Body-Bottom Low CH9262**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

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; $\sigma = 1.511$ S/m; $\epsilon_r = 52.896$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°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
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Body Bottom Low CH9262/Area Scan (10x8x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.22 W/kg

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

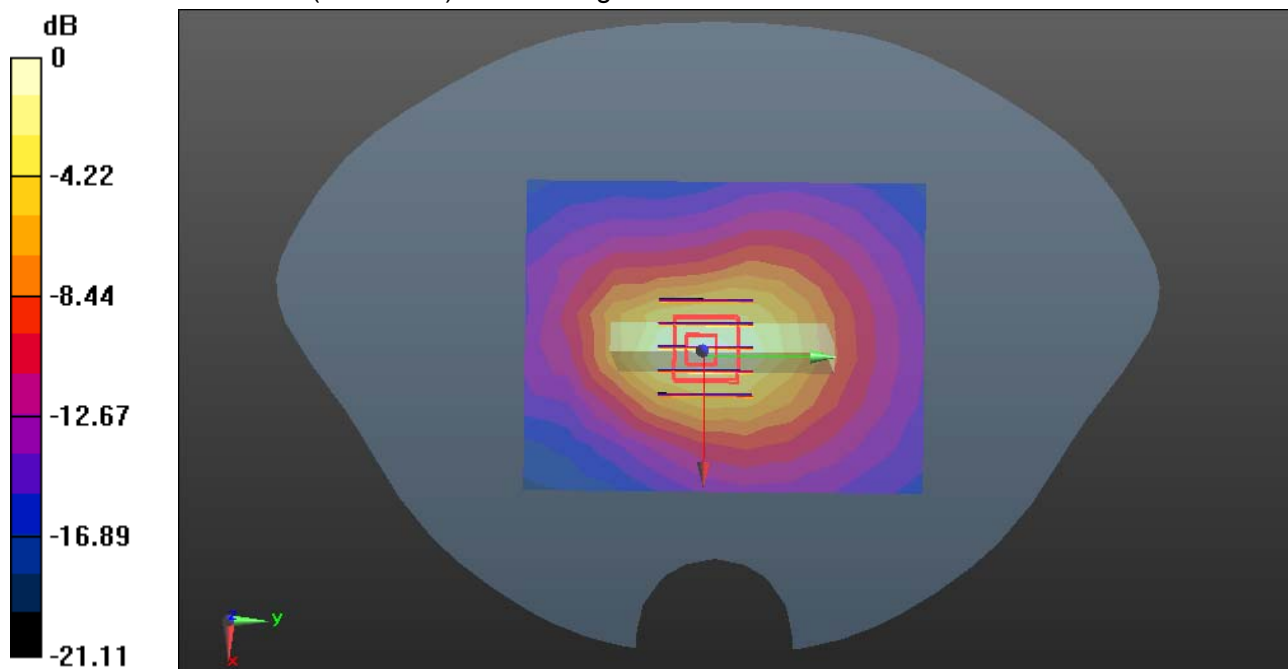
dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.06 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.873 W/kg; SAR(10 g) = 0.450 W/kg[Info: Interpolated medium parameters used for SAR evaluation.](#)

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: 9/7/2014

WCDMA Band II-Body-Bottom Middle CH9400**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

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; $\sigma = 1.538$ S/m; $\epsilon_r = 52.818$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

WCDMA Band II/Body Bottom Middle CH9400/Area Scan (10x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.31 W/kg

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

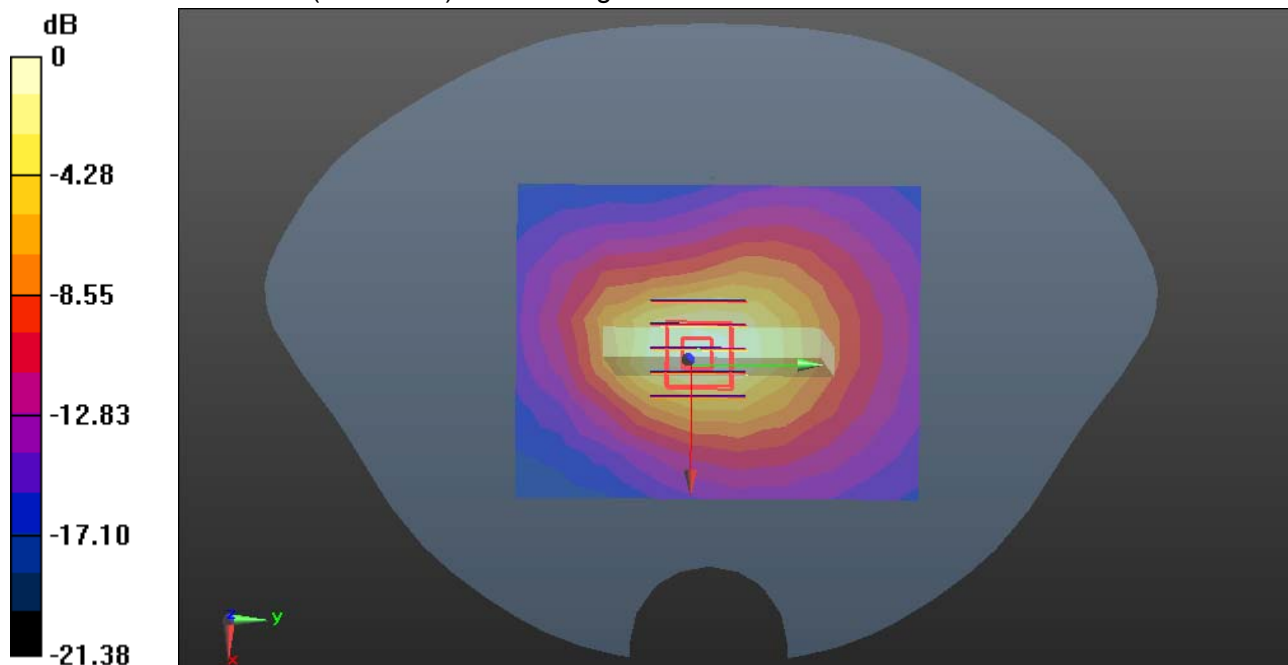
dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.74 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.89 W/kg

SAR(1 g) = 0.976 W/kg; SAR(10 g) = 0.502 W/kg

Maximum value of SAR (measured) = 1.41 W/kg



0 dB = 1.41 W/kg = 1.49 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/7/2014

WCDMA Band II-Body-Bottom High CH9538**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

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; $\sigma = 1.565$ S/m; $\epsilon_r = 52.77$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

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

Maximum value of SAR (measured) = 1.50 W/kg

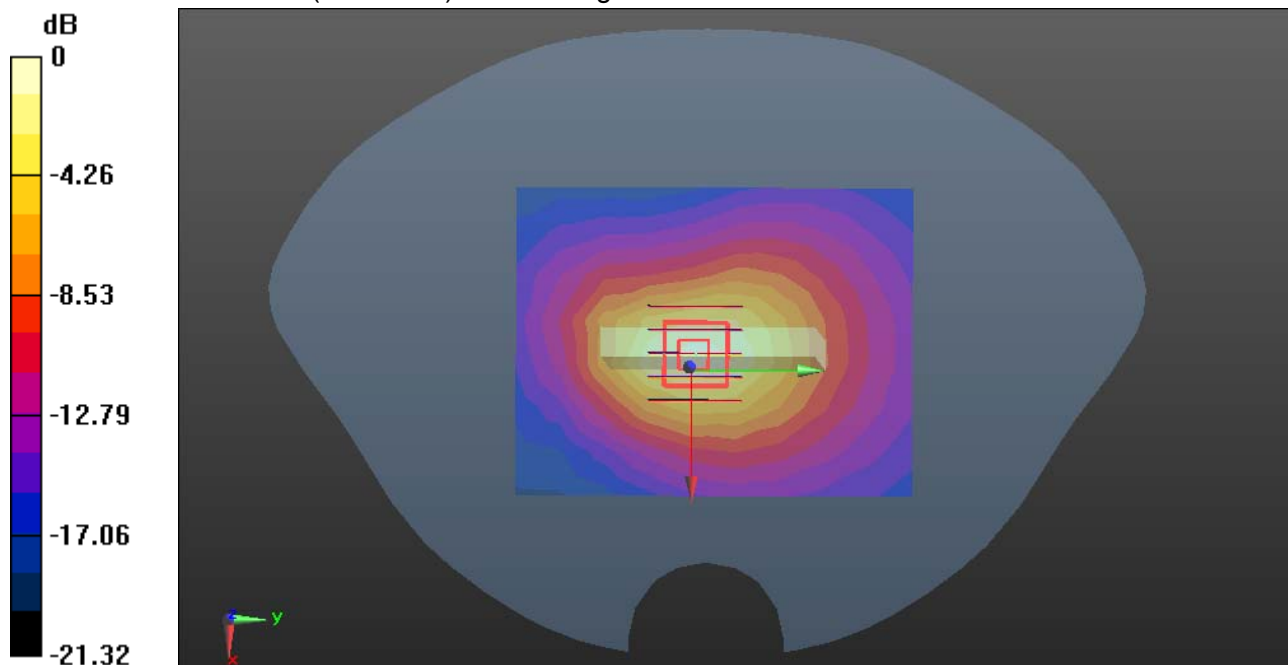
WCDMA Band II/Body Bottom High CH9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.37 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.09 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.553 W/kg

Maximum value of SAR (measured) = 1.58 W/kg



0 dB = 1.58 W/kg = 1.99 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/6/2014

WCDMA Band V-Body Front Low CH4132**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

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; $\sigma = 0.979$ S/m; $\epsilon_r = 54.367$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

WCDMA Band V/Body Front Low CH4132/Area Scan (13x9x1): Measurement grid: dx=15mm, dy=15mm

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

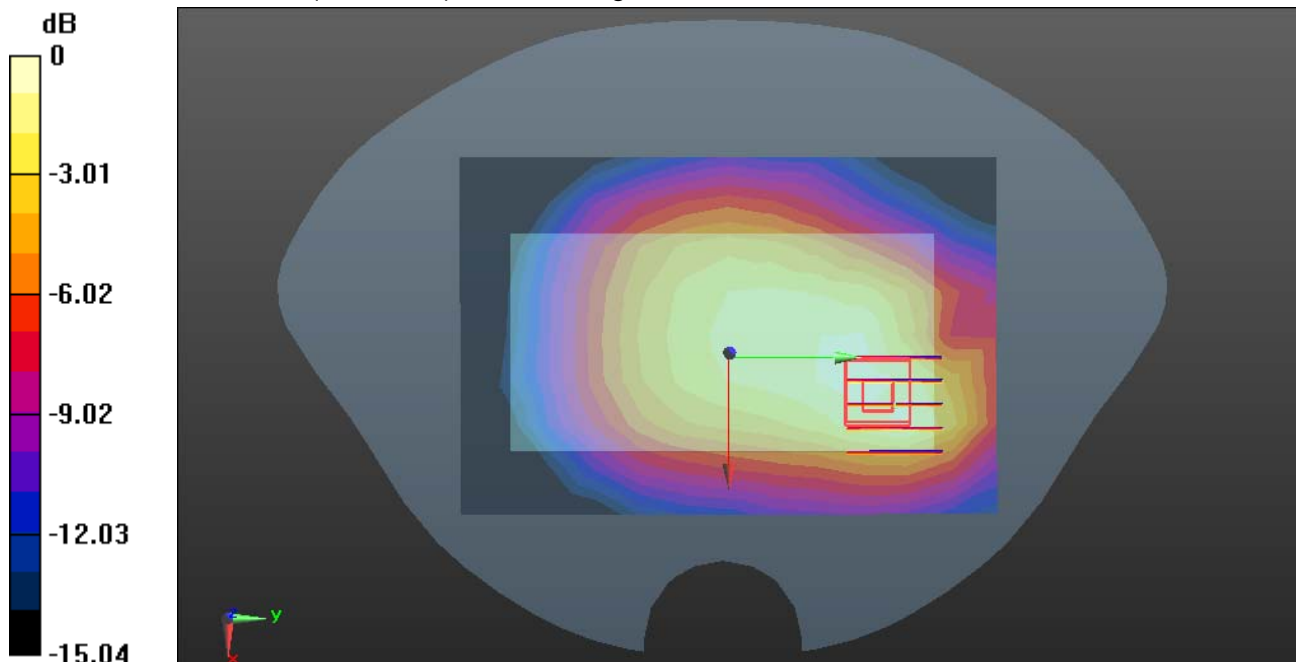
WCDMA Band V/Body Front Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.26 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.179 W/kg

SAR(1 g) = 0.110 W/kg; SAR(10 g) = 0.070 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: 9/6/2014

WCDMA Band V-Body Rear Low CH4132

DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848

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; $\sigma = 0.979$ S/m; $\epsilon_r = 54.367$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

WCDMA Band V/Body Rear Low CH4132/Area Scan (13x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.434 W/kg

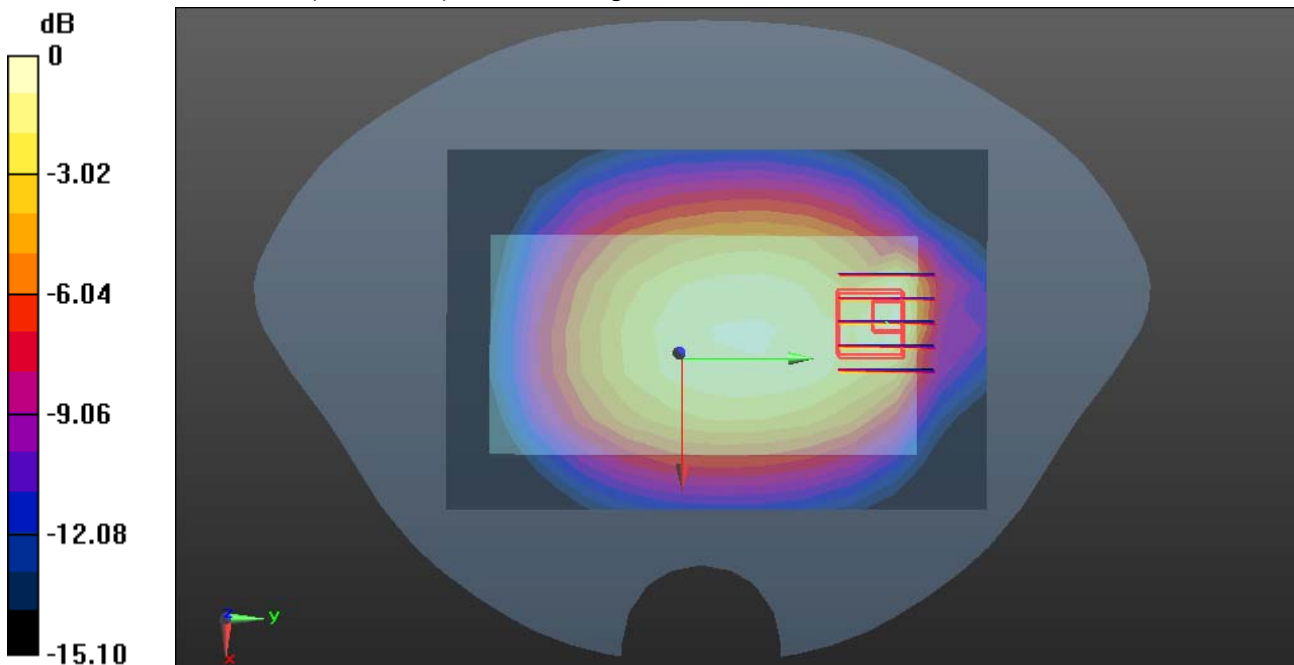
WCDMA Band V/Body Rear Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.21 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.644 W/kg

SAR(1 g) = 0.332 W/kg; SAR(10 g) = 0.189 W/kg

Maximum value of SAR (measured) = 0.485 W/kg


$$0 \text{ dB} = 0.485 \text{ W/kg} = -3.14 \text{ dBW/kg}$$



Test Laboratory: Compliance Certification Services Inc.

Date: 9/6/2014

WCDMA Band V-Body-Right Low CH4132**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

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; $\sigma = 0.979$ S/m; $\epsilon_r = 54.367$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

WCDMA Band V/Body Right Low CH4132/Area Scan (13x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.165 W/kg

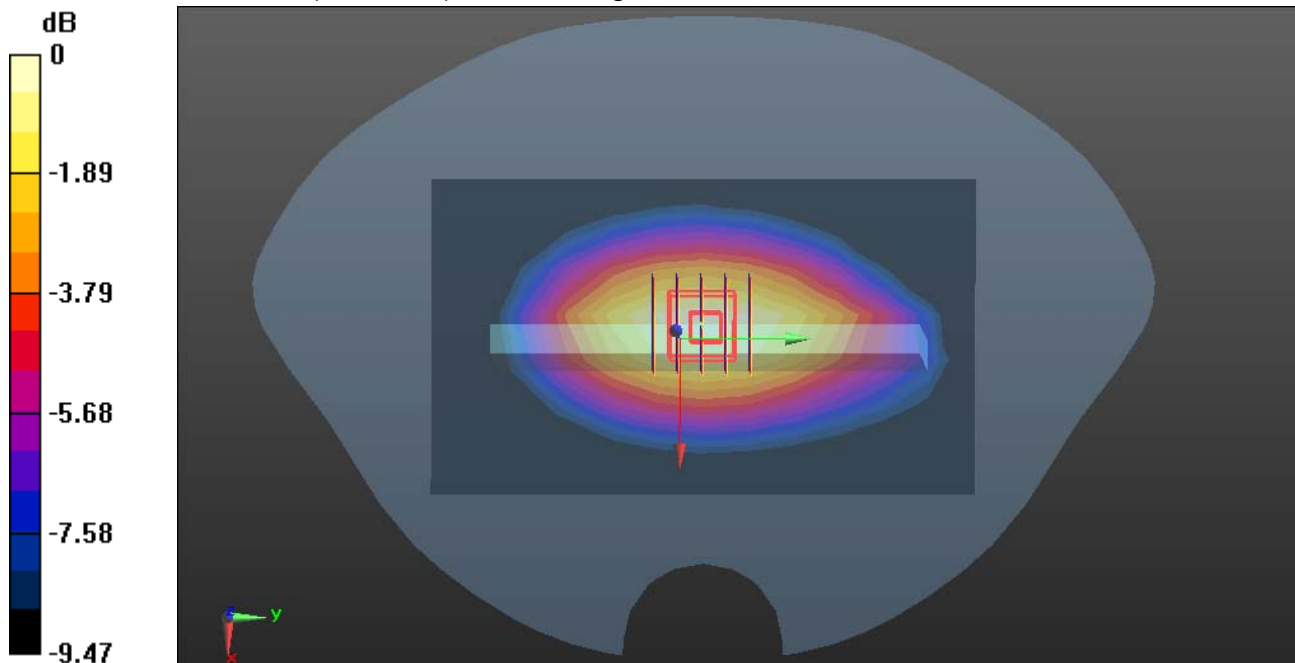
WCDMA Band V/Body Right Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.58 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.199 W/kg

SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.097 W/kg

Maximum value of SAR (measured) = 0.173 W/kg



0 dB = 0.173 W/kg = -7.62 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/6/2014

WCDMA Band V-Body-Left Low CH4132**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

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; $\sigma = 0.979$ S/m; $\epsilon_r = 54.367$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°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
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band V/Body Left Low CH4132/Area Scan (13x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0937 W/kg

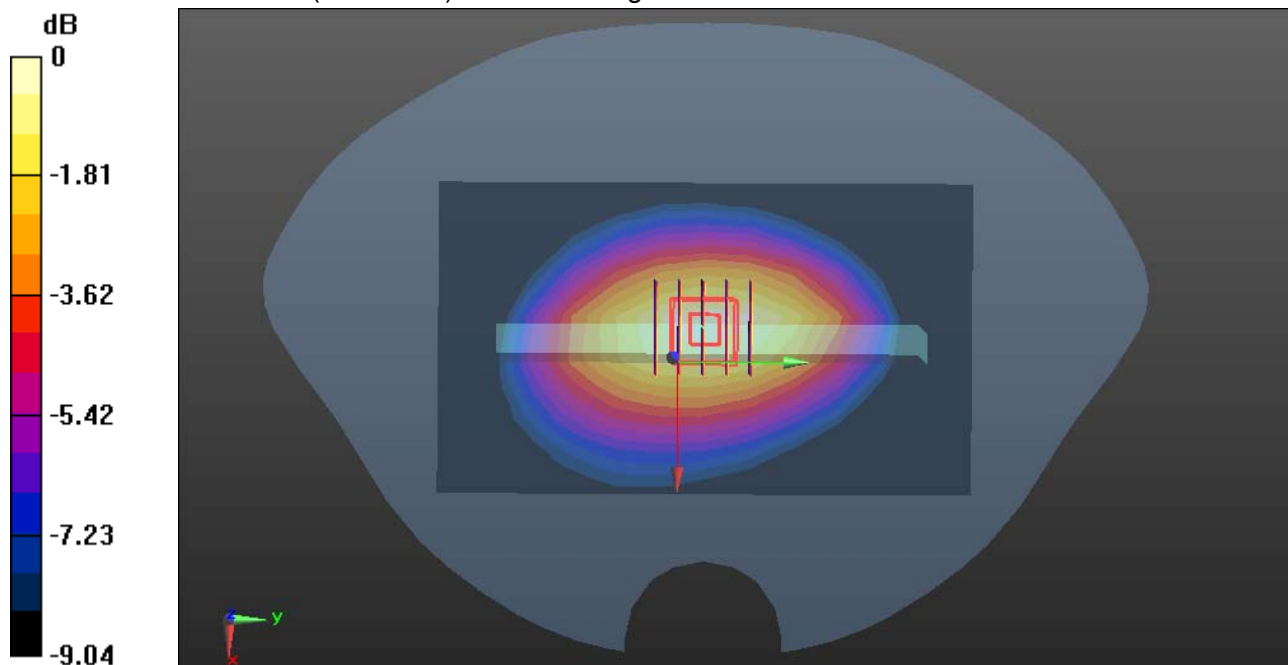
WCDMA Band V/Body Left Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.11 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.111 W/kg

SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.055 W/kg

Maximum value of SAR (measured) = 0.0972 W/kg



0 dB = 0.0972 W/kg = -10.12 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/6/2014

WCDMA Band V-Body-Bottom Low CH4132**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

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; $\sigma = 0.979$ S/m; $\epsilon_r = 54.367$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°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
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band V/Body Bottom Low CH4132/Area Scan (10x8x1): Measurement grid: dx=15mm, dy=15mm

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

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

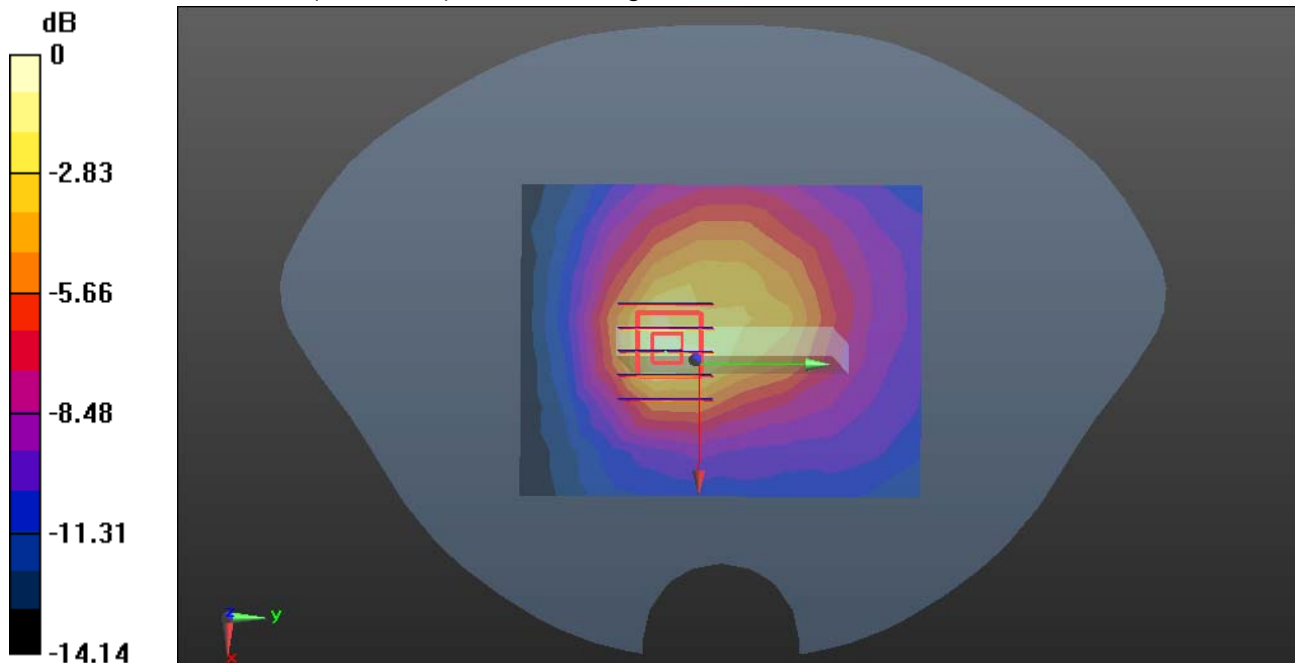
dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.367 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.0980 W/kg

SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.027 W/kg

Maximum value of SAR (measured) = 0.0713 W/kg



0 dB = 0.0713 W/kg = -11.47 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/8/2014

WIFI-Body Front Middle CH6

DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848

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; $\sigma = 1.899$ S/m; $\epsilon_r = 52.47$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

WIFI/Body Front Middle CH6/Area Scan (16x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.348 W/kg

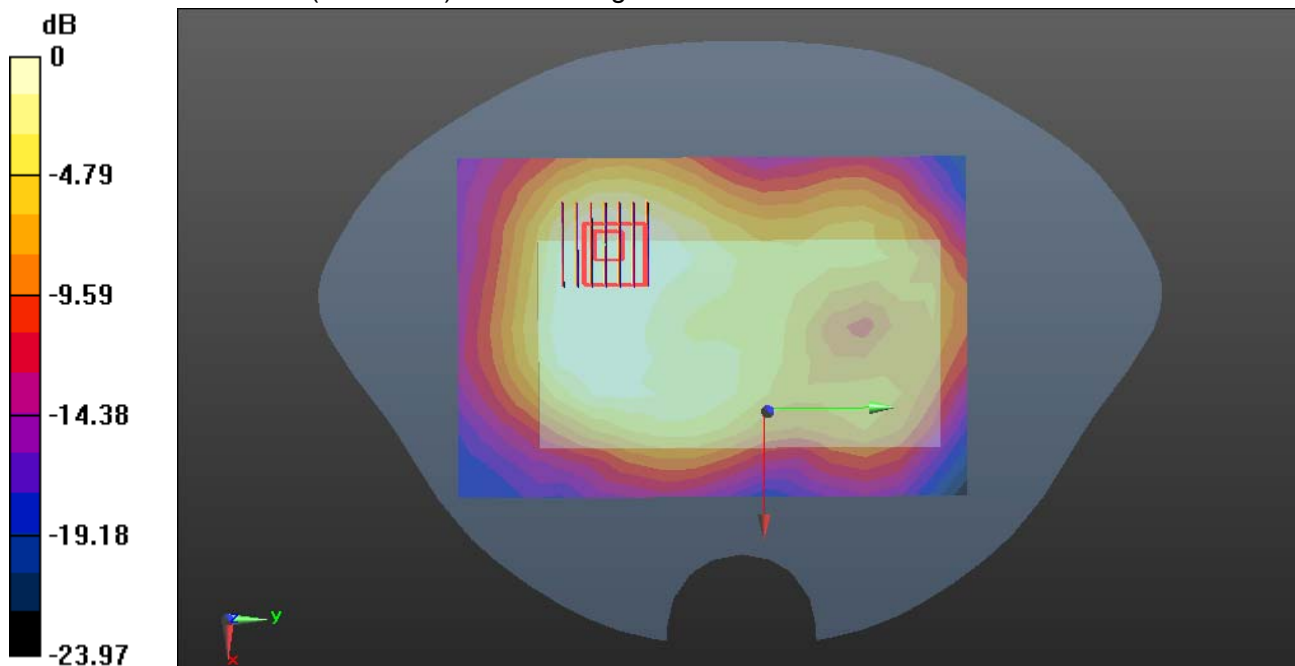
WIFI/Body Front Middle CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.026 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.455 W/kg

SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.105 W/kg

Maximum value of SAR (measured) = 0.310 W/kg



0 dB = 0.310 W/kg = -5.09 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/8/2014

WIFI-Body Rear Middle CH6**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

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; $\sigma = 1.899$ S/m; $\epsilon_r = 52.47$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

WIFI/Body Rear Middle CH6/Area Scan (16x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.323 W/kg

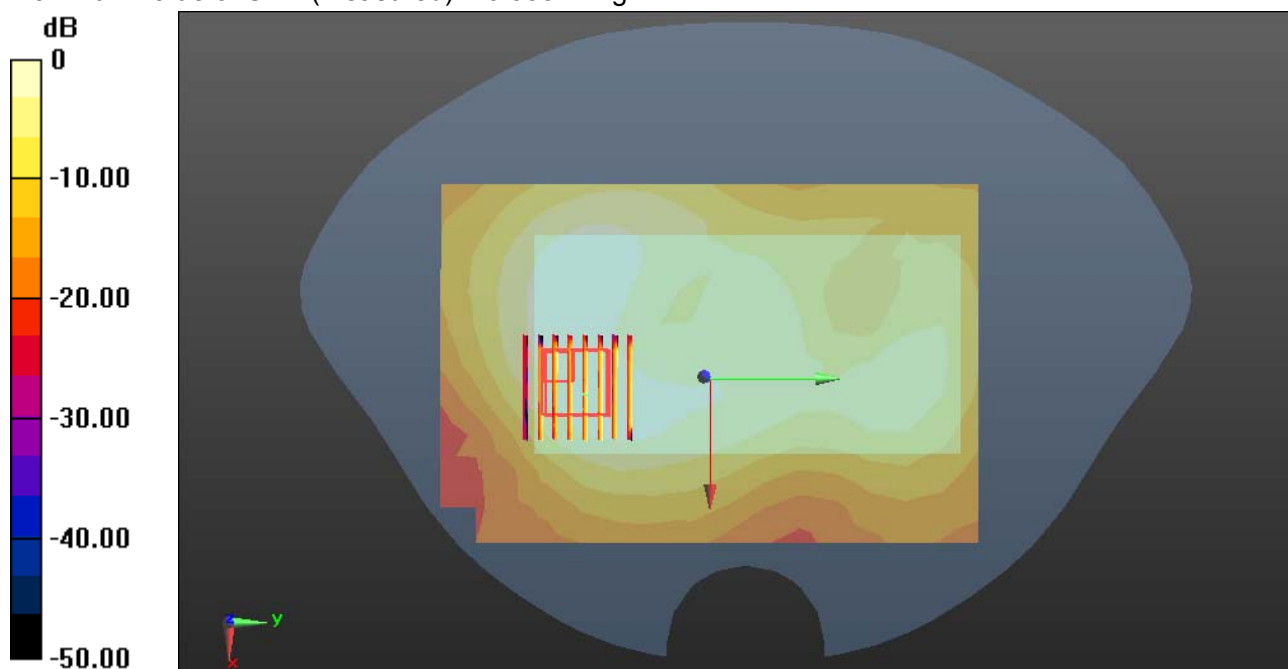
WIFI/Body Rear Middle CH6/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.162 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.103 W/kg

Maximum value of SAR (measured) = 0.333 W/kg



0 dB = 0.333 W/kg = -4.78 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/8/2014

WIFI-Body-Left Middle CH6**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

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; $\sigma = 1.934$ S/m; $\epsilon_r = 51.898$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

WIFI/Body Left Middle CH6/Area Scan (15x9x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.326 W/kg

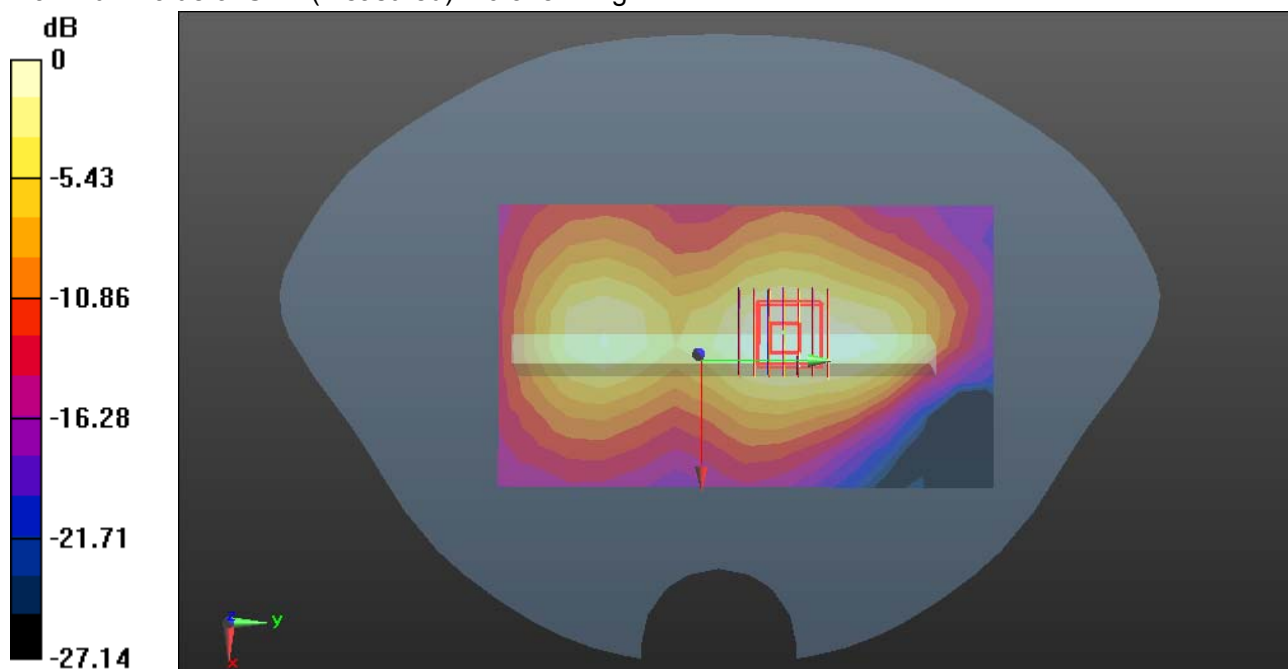
WIFI/Body Left Middle CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.476 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.473 W/kg

SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.107 W/kg

Maximum value of SAR (measured) = 0.328 W/kg



0 dB = 0.328 W/kg = -4.84 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/8/2014

WIFI-Body-Top Middle CH6**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

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; $\sigma = 1.899$ S/m; $\epsilon_r = 52.47$; $\rho = 1000$ kg/m³

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

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

Maximum value of SAR (measured) = 0.376 W/kg

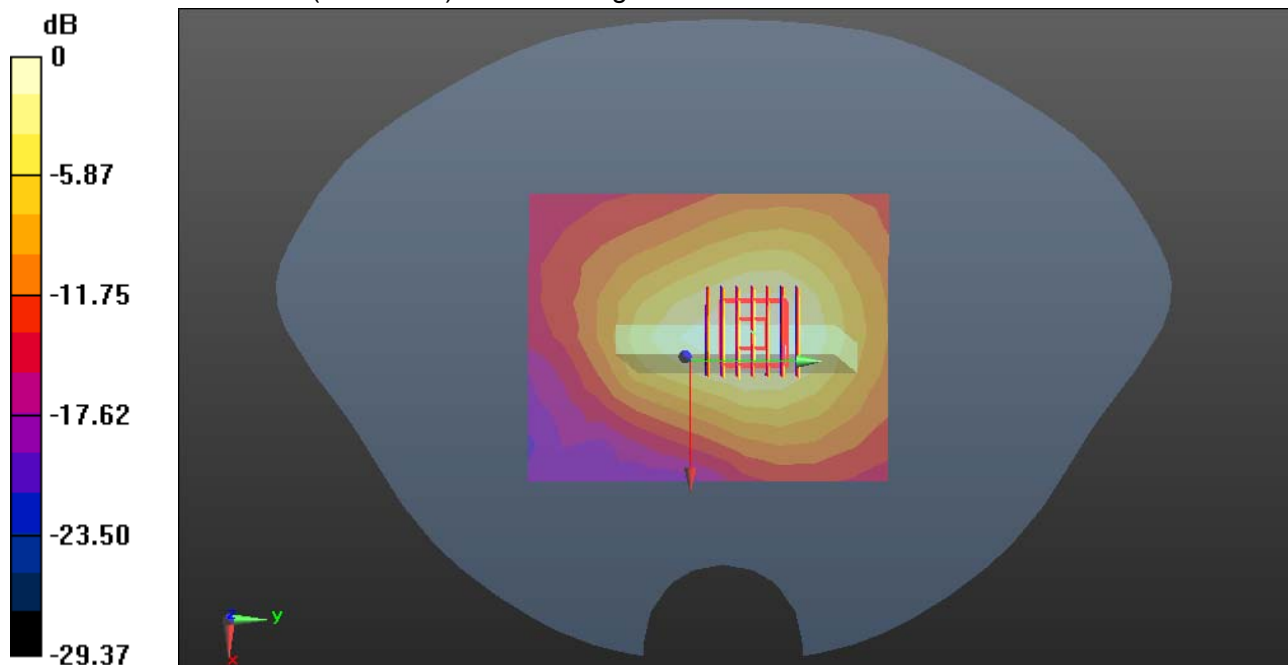
WIFI/Body Top Middle CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.52 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.485 W/kg

SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.107 W/kg

Maximum value of SAR (measured) = 0.334 W/kg



0 dB = 0.334 W/kg = -4.76 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 9/7/2014

WCDMA Band II-Body-Bottom High CH9538 repeat**DUT: Smart phone; Type: SP-M5Q; Serial: 864505000231848**

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

Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.565 \text{ S/m}$; $\epsilon_r = 52.77$; $\rho = 1000 \text{ kg/m}^3$

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

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

WCDMA Band II/Body Bottom High CH9538 repeat/Area Scan (10x8x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.50 W/kg

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

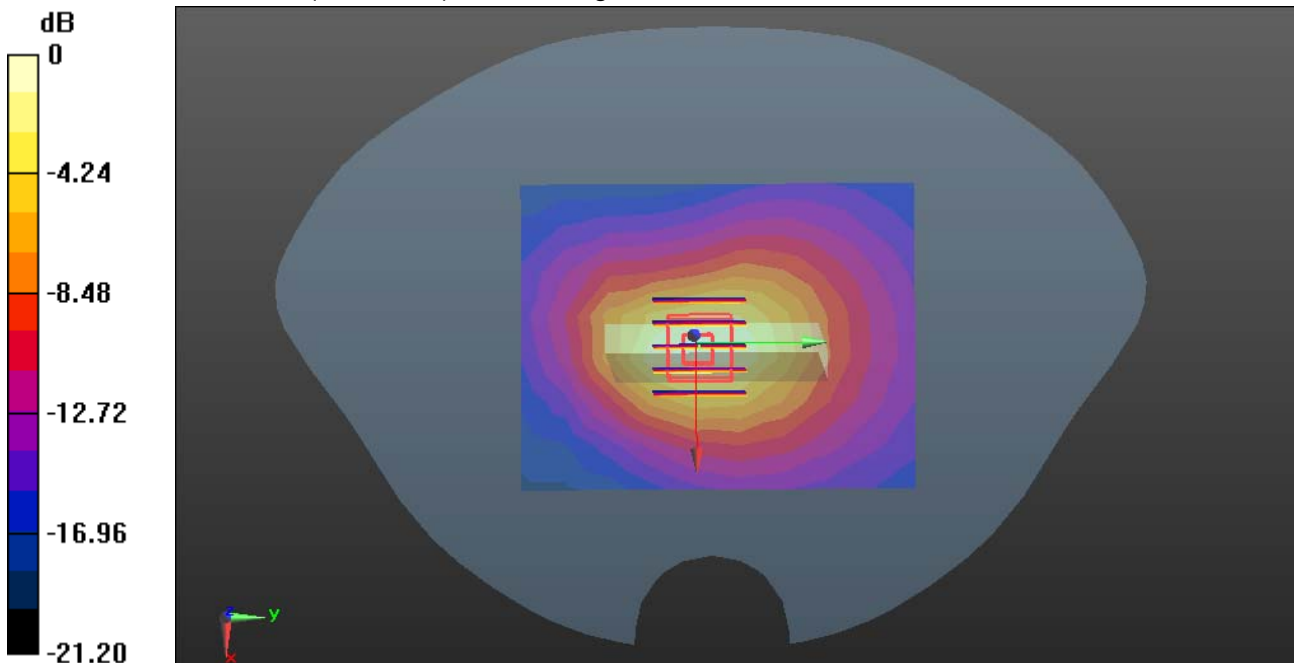
dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.43 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.11 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.553 W/kg

Maximum value of SAR (measured) = 1.58 W/kg



0 dB = 1.58 W/kg = 1.99 dBW/kg