

# Compliance Certification Services In Date of Issue: July 31, 2015

Reference No .: C150618S01-SE Report No .: C150731S02-SE

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Test Laboratory: Compliance Certification Services Inc. Date: 6/28/2015

**GSM 850-Right Head Cheek Low CH128** 

DUT: Smartphone; Type: SP5026I; Serial: 004999010640000

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;  $\sigma = 0.897 \text{ S/m}$ ;  $\varepsilon_r = 42.718$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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

Phantom section: Right Section

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

DASY Configuration:

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

**GSM 850/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) = 0.129 W/kg

GSM 850/Right Head Cheek Low CH128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,

dy=8mm, dz=5mm

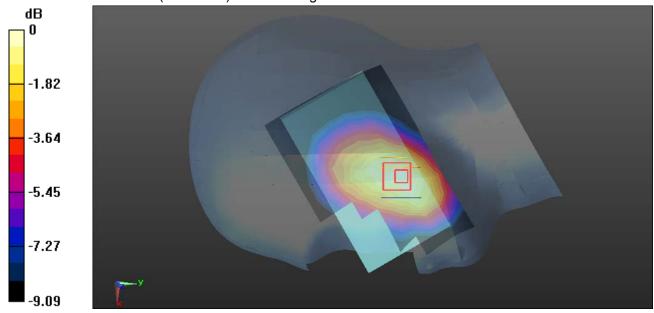
Reference Value = 4.592 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.147 W/kg

SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.078 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.127 W/kg



0 dB = 0.127 W/kg = -8.96 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 6/28/2015

**GSM 850-Right Head Tilted Low CH128** 

DUT: Smartphone; Type: SP5026I; Serial: 004999010640000

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;  $\sigma = 0.897 \text{ S/m}$ ;  $\varepsilon_r = 42.718$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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

Phantom section: Right Section

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

DASY Configuration:

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

**GSM 850/Right Head Tilted Low CH128/Area Scan (8x12x1):** Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0699 W/kg

GSM 850/Right Head Tilted Low CH128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,

dy=8mm, dz=5mm

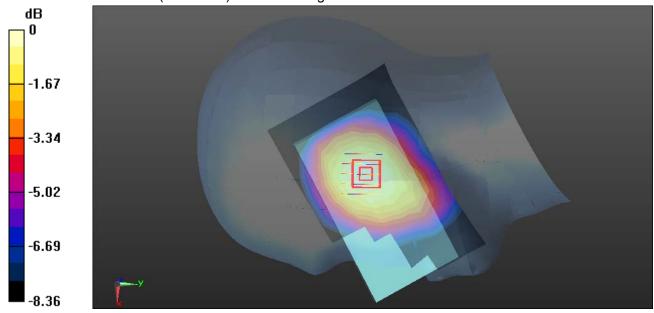
Reference Value = 6.585 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.0800 W/kg

SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.051 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0734 W/kg



0 dB = 0.0734 W/kg = -11.34 dBW/kg



Reference No .: C150618S01-SE Date of Issue: July 31, 2015 Report No .: C150731S02-SE

Test Laboratory: Compliance Certification Services Inc. Date: 6/28/2015

**GSM 850-Left Head Cheek Low CH128** 

DUT: Smartphone; Type: SP5026I; Serial: 004999010640000

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;  $\sigma = 0.897 \text{ S/m}$ ;  $\varepsilon_r = 42.718$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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

Phantom section: Left Section

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

**DASY Configuration:** 

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

GSM 850/Left Head Cheek Low CH128/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0848 W/kg

GSM 850/Left Head Cheek Low CH128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,

dy=8mm, dz=5mm

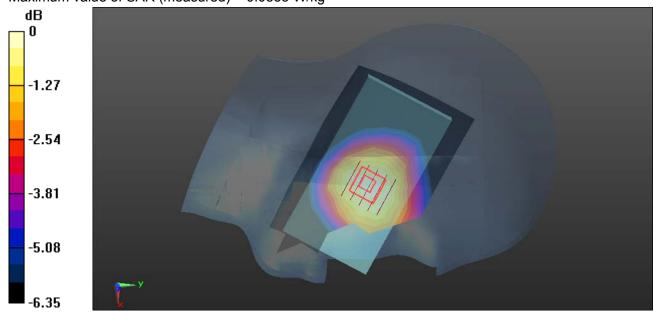
Reference Value = 4.068 V/m: Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.0920 W/kg

SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.061 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0853 W/kg



0 dB = 0.0853 W/kg = -10.69 dBW/kg



Reference No .: C150618S01-SE Date of Issue: July 31, 2015 Report No .: C150731S02-SE

Test Laboratory: Compliance Certification Services Inc. Date: 6/28/2015

**GSM 850-Left Head Tilted Low CH128** 

DUT: Smartphone; Type: SP5026I; Serial: 004999010640000

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;  $\sigma = 0.897 \text{ S/m}$ ;  $\varepsilon_r = 42.718$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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

Phantom section: Left Section

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

**DASY Configuration:** 

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

GSM 850/Left Head Tilted Low CH128/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0690 W/kg

GSM 850/Left Head Tilted Low CH128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,

dy=8mm, dz=5mm

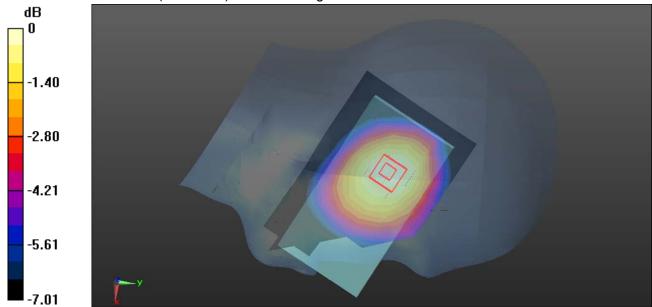
Reference Value = 6.634 V/m: Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.0760 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.049 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0698 W/kg



0 dB = 0.0698 W/kg = -11.56 dBW/kg



Reference No .: C150618S01-SE Date of Issue: July 31, 2015 Report No .: C150731S02-SE

Test Laboratory: Compliance Certification Services Inc. Date: 6/29/2015

PCS 1900-Right Head Cheek Low CH512

DUT: Smartphone; Type: SP5026I; Serial: 004999010640000

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;  $\sigma = 1.36 \text{ S/m}$ ;  $\varepsilon_r = 40.848$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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

Phantom section: Right Section

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

**DASY Configuration:** 

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

PCS 1900/Right Head Cheek Low CH512/Area Scan (8x12x1): Measurement grid: dx=15mm, dv=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0784 W/kg

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

dv=8mm. dz=5mm

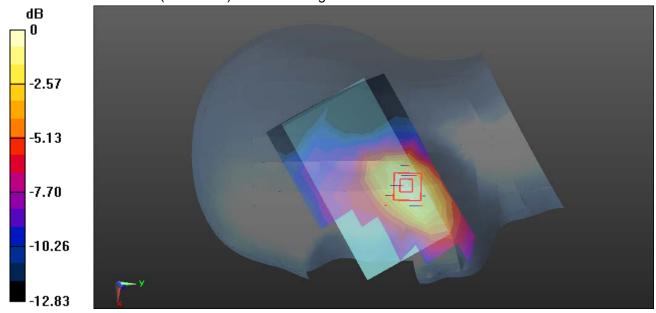
Reference Value = 2.267 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.107 W/kg

SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.033 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0807 W/kg



0 dB = 0.0807 W/kg = -10.93 dBW/kg



Reference No .: C150618S01-SE Date of Issue: July 31, 2015 Report No .: C150731S02-SE

Test Laboratory: Compliance Certification Services Inc. Date: 6/29/2015

PCS 1900-Right Head Tilted Low CH512

DUT: Smartphone; Type: SP5026I; Serial: 004999010640000

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;  $\sigma = 1.36 \text{ S/m}$ ;  $\varepsilon_r = 40.848$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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

Phantom section: Right Section

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

**DASY Configuration:** 

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

PCS 1900/Right Head Tilted Low CH512/Area Scan (8x12x1): Measurement grid: dx=15mm, dv=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0180 W/kg

PCS 1900/Right Head Tilted Low CH512/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm,

dv=8mm. dz=5mm

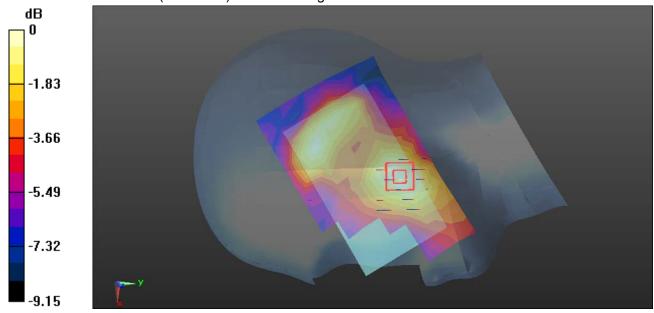
Reference Value = 3.567 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0210 W/kg

SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00895 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0176 W/kg



0 dB = 0.0176 W/kg = -17.54 dBW/kg



Reference No .: C150618S01-SE Date of Issue: July 31, 2015 Report No .: C150731S02-SE

Test Laboratory: Compliance Certification Services Inc. Date: 6/29/2015

PCS 1900-Left Head Cheek Low CH512

DUT: Smartphone; Type: SP5026I; Serial: 004999010640000

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;  $\sigma = 1.36 \text{ S/m}$ ;  $\varepsilon_r = 40.848$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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

Phantom section: Left Section

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

**DASY Configuration:** 

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

PCS 1900/Left Head Cheek Low CH512/Area Scan (8x12x1): Measurement grid: dx=15mm, dv=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0860 W/kg

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

dv=8mm. dz=5mm

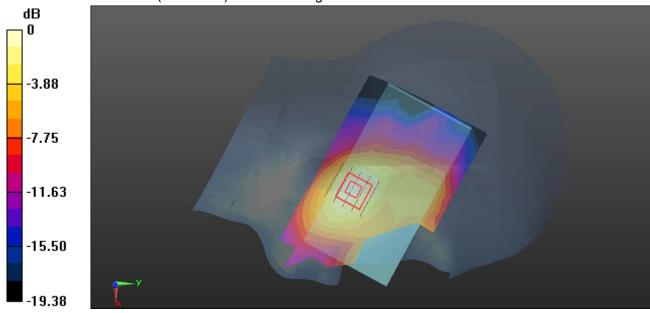
Reference Value = 2.011 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.111 W/kg

SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.033 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0859 W/kg



0 dB = 0.0859 W/kg = -10.66 dBW/kg



Reference No .: C150618S01-SE Date of Issue: July 31, 2015 Report No .: C150731S02-SE

Test Laboratory: Compliance Certification Services Inc. Date: 6/29/2015

PCS 1900-Left Head Tilted Low CH512

DUT: Smartphone; Type: SP5026I; Serial: 004999010640000

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;  $\sigma = 1.36 \text{ S/m}$ ;  $\varepsilon_r = 40.848$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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

Phantom section: Left Section

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

**DASY Configuration:** 

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

PCS 1900/Left Head Tilted Low CH512/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0146 W/kg

PCS 1900/Left Head Tilted Low CH512/Zoom Scan (7x6x7)/Cube 0: Measurement grid: dx=8mm,

dy=8mm, dz=5mm

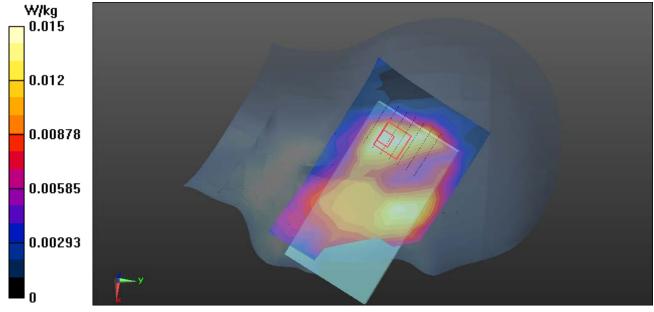
Reference Value = 3.106 V/m: Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0200 W/kg

SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00589 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0158 W/kg



Test Laboratory: Compliance Certification Services Inc. Date: 6/29/2015

WCDMA Band II-Right Head Cheek Low CH9262

DUT: Smartphone; Type: SP5026l; Serial: 004999010640000

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;  $\sigma = 1.362 \text{ S/m}$ ;  $\varepsilon_r = 40.866$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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

Phantom section: Right Section

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

**DASY Configuration:** 

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

WCDMA Band II/Right Head Cheek Low CH9262/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.115 W/kg

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

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

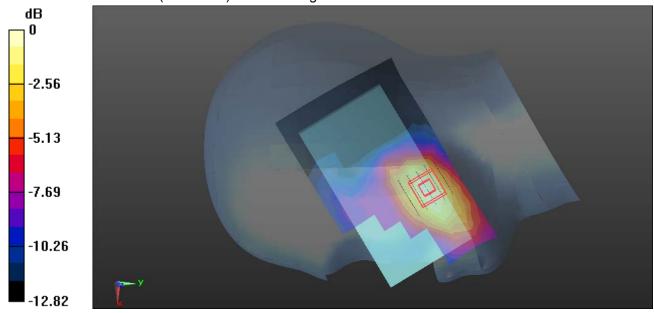
Reference Value = 2.811 V/m: Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.155 W/kg

SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.046 W/kg

#### Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.117 W/kg



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

Test Laboratory: Compliance Certification Services Inc. Date: 6/29/2015

WCDMA Band II-Right Head Tilted Low CH9262

DUT: Smartphone; Type: SP5026I; Serial: 004999010640000

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;  $\sigma = 1.362 \text{ S/m}$ ;  $\varepsilon_r = 40.866$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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

Phantom section: Right Section

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

DASY Configuration:

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

WCDMA Band II/Right Head Tilted Low CH9262/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0187 W/kg

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

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

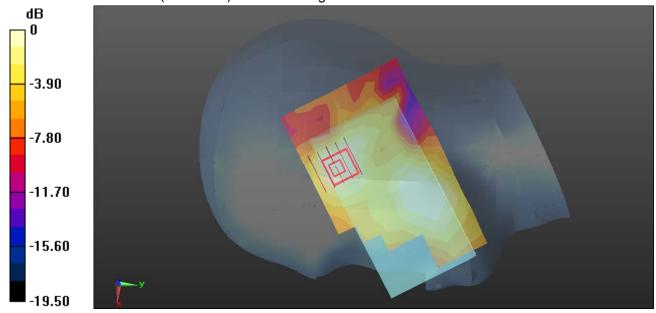
Reference Value = 2.946 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0220 W/kg

SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.00626 W/kg

#### Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0168 W/kg



0 dB = 0.0168 W/kg = -17.75 dBW/kg



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Test Laboratory: Compliance Certification Services Inc. Date: 6/29/2015

WCDMA Band II-Left Head Cheek Low CH9262

DUT: Smartphone; Type: SP5026I; Serial: 004999010640000

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;  $\sigma = 1.362 \text{ S/m}$ ;  $\varepsilon_r = 40.866$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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

Phantom section: Left Section

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

DASY Configuration:

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

WCDMA Band II/Left Head Cheek Low CH9262/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.107 W/kg

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

dx=8mm, dv=8mm, dz=5mm

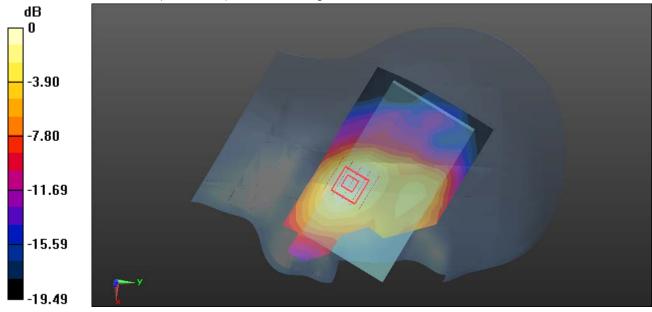
Reference Value = 2.642 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.136 W/kg

SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.042 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0991 W/kg



0 dB = 0.0991 W/kg = -10.04 dBW/kg



Reference No .: C150618S01-SE Date of Issue: July 31, 2015 Report No .: C150731S02-SE

Test Laboratory: Compliance Certification Services Inc. Date: 6/29/2015

WCDMA Band II-Left Head Tilted Low CH9262

DUT: Smartphone; Type: SP5026I; Serial: 004999010640000

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;  $\sigma = 1.362 \text{ S/m}$ ;  $\varepsilon_r = 40.866$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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

Phantom section: Left Section

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

DASY Configuration:

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

WCDMA Band II/Left Head Tilted Low CH9262/Area Scan (8x12x1): Measurement grid: dx=15mm, dv=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0139 W/kg

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

dx=8mm, dv=8mm, dz=5mm

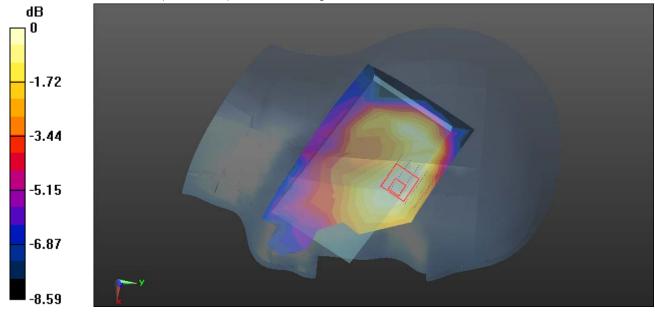
Reference Value = 3.097 V/m: Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0190 W/kg

SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00736 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0143 W/kg



0 dB = 0.0143 W/kg = -18.45 dBW/kg



Reference No .: C150618S01-SE Date of Issue: July 31, 2015 Report No .: C150731S02-SE

Test Laboratory: Compliance Certification Services Inc. Date: 6/28/2015

WCDMA Band V-Right Head Cheek Low CH4132

DUT: Smartphone; Type: SP5026I; Serial: 004999010640000

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;  $\sigma$  = 0.9 S/m;  $\varepsilon_r$  = 42.699;  $\rho$  = 1000 kg/m<sup>3</sup>

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

Phantom section: Right Section

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

**DASY Configuration:** 

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

## WCDMA Band V/Right Head Cheek Low CH4132/Area Scan (8x12x1): Measurement grid: dx=15mm,

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

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

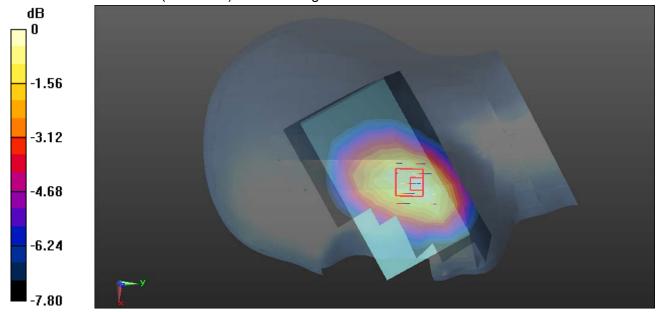
dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.702 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.269 W/kg

SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.149 W/kg

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



0 dB = 0.238 W/kg = -6.23 dBW/kg

Reference No .: C150618S01-SE Date of Issue: July 31, 2015 Report No .: C150731S02-SE

Test Laboratory: Compliance Certification Services Inc. Date: 6/28/2015

WCDMA Band V-Right Head Tilted Low CH4132

DUT: Smartphone; Type: SP5026I; Serial: 004999010640000

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;  $\sigma$  = 0.9 S/m;  $\varepsilon_r$  = 42.699;  $\rho$  = 1000 kg/m<sup>3</sup>

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

Phantom section: Right Section

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

**DASY Configuration:** 

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

## WCDMA Band V/Right Head Tilted Low CH4132/Area Scan (8x12x1): Measurement grid: dx=15mm,

Maximum value of SAR (measured) = 0.104 W/kg

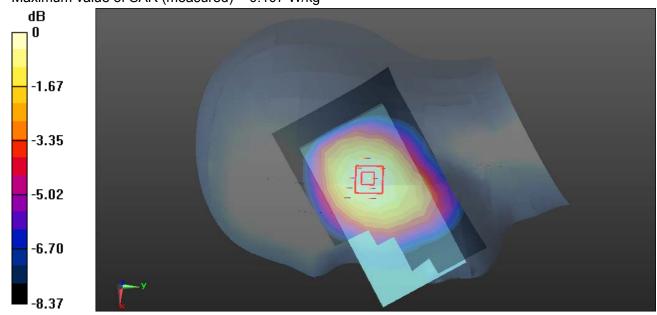
#### WCDMA Band V/Right Head Tilted Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 7.959 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.117 W/kg

SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.073 W/kgMaximum value of SAR (measured) = 0.107 W/kg



0 dB = 0.107 W/kg = -9.71 dBW/kg



Reference No .: C150618S01-SE Date of Issue: July 31, 2015 Report No .: C150731S02-SE

Test Laboratory: Compliance Certification Services Inc. Date: 6/28/2015

WCDMA Band V-Left Head Cheek Low CH4132

DUT: Smartphone; Type: SP5026I; Serial: 004999010640000

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;  $\sigma$  = 0.9 S/m;  $\varepsilon_r$  = 42.699;  $\rho$  = 1000 kg/m<sup>3</sup>

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 (8x12x1): Measurement grid: dx=15mm,

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

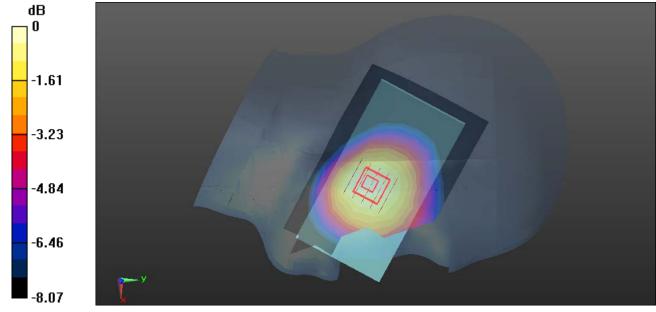
#### WCDMA Band V/Left Head Cheek Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 6.787 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.280 W/kg

SAR(1 g) = 0.230 W/kg; SAR(10 g) = 0.176 W/kgMaximum value of SAR (measured) = 0.259 W/kg



0 dB = 0.259 W/kg = -5.87 dBW/kg

Reference No .: C150618S01-SE Date of Issue: July 31, 2015 Report No .: C150731S02-SE

Test Laboratory: Compliance Certification Services Inc. Date: 6/28/2015

WCDMA Band V-Left Head Tilted Low CH4132

DUT: Smartphone; Type: SP5026I; Serial: 004999010640000

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;  $\sigma$  = 0.9 S/m;  $\varepsilon_r$  = 42.699;  $\rho$  = 1000 kg/m<sup>3</sup>

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 (8x12x1): Measurement grid: dx=15mm,

Maximum value of SAR (measured) = 0.164 W/kg

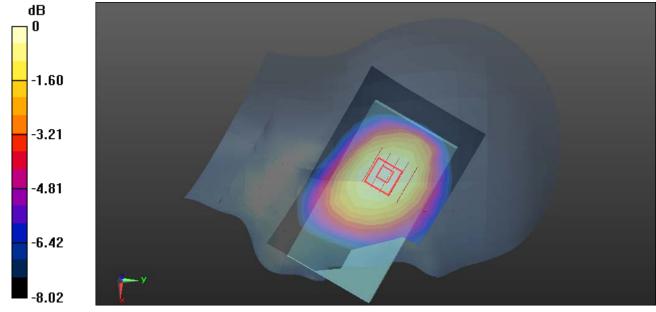
#### WCDMA Band V/Left Head Tilted Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 10.56 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.187 W/kg

SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.117 W/kgMaximum value of SAR (measured) = 0.172 W/kg



0 dB = 0.172 W/kg = -7.64 dBW/kg



Reference No .: C150618S01-SE Date of Issue: July 31, 2015 Report No .: C150731S02-SE

Test Laboratory: Compliance Certification Services Inc. Date: 6/28/2015

**GPRS 850-Body Front Low CH128** 

DUT: Smartphone; Type: SP5026I; Serial: 004999010640000

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;  $\sigma = 0.968 \text{ S/m}$ ;  $\varepsilon_r = 55.364$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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(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 (12x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0508 W/kg

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

dy=8mm, dz=5mm

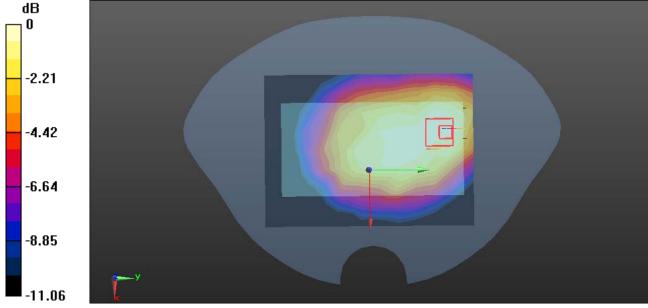
Reference Value = 7.305 V/m: Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.0650 W/kg

SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.029 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0512 W/kg



0 dB = 0.0512 W/kg = -12.91 dBW/kg



Reference No .: C150618S01-SE Date of Issue: July 31, 2015 Report No .: C150731S02-SE

Test Laboratory: Compliance Certification Services Inc. Date: 6/28/2015

**GPRS 850-Body Rear Low CH128** 

DUT: Smartphone; Type: SP5026I; Serial: 004999010640000

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;  $\sigma = 0.968 \text{ S/m}$ ;  $\varepsilon_r = 55.364$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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(9.22, 9.22, 9.22); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 0mm (Fix Surface)
- 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 (12x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.227 W/kg

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

Reference Value = 10.78 V/m: Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.331 W/kg

SAR(1 g) = 0.169 W/kg; SAR(10 g) = 0.099 W/kg

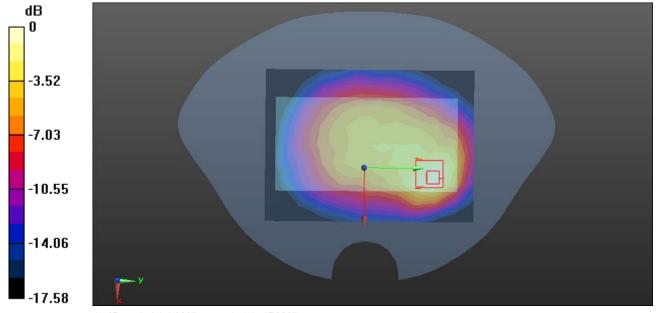
Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.231 W/kg

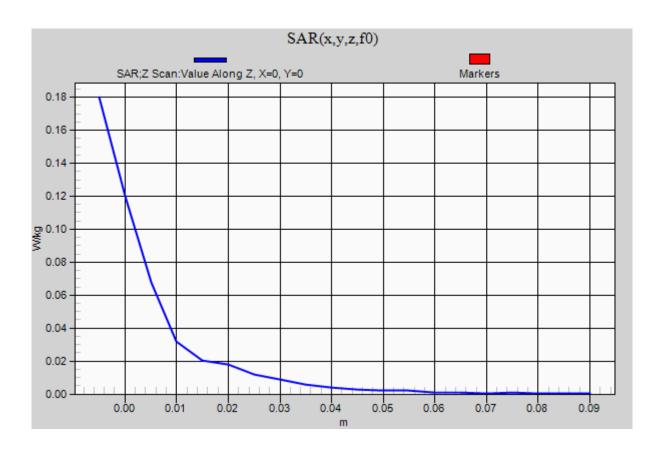
GPRS 850/Body Rear Low CH128/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.180 W/kg



0 dB = 0.231 W/kg = -6.36 dBW/kg





Reference No .: C150618S01-SE Date of Issue: July 31, 2015 Report No .: C150731S02-SE

Test Laboratory: Compliance Certification Services Inc. Date: 6/28/2015

**GPRS 850-Body Right Low CH128** 

DUT: Smartphone; Type: SP5026I; Serial: 004999010640000

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;  $\sigma = 0.968 \text{ S/m}$ ;  $\varepsilon_r = 55.364$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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(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 Right Low CH128/Area Scan (12x7x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0839 W/kg

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

dy=8mm, dz=5mm

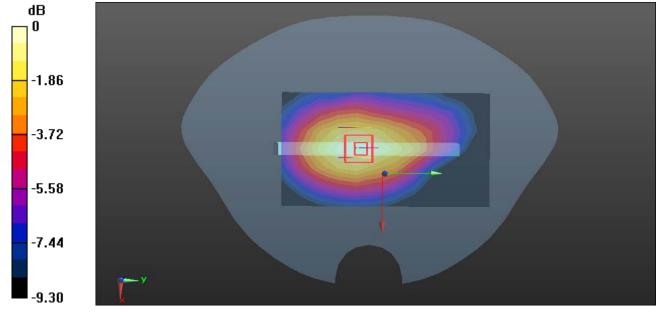
Reference Value = 9.532 V/m: Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.0990 W/kg

SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.048 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

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



0 dB = 0.0835 W/kg = -10.78 dBW/kg



Reference No .: C150618S01-SE Date of Issue: July 31, 2015 Report No .: C150731S02-SE

Test Laboratory: Compliance Certification Services Inc. Date: 6/28/2015

**GPRS 850-Body Bottom Low CH128** 

DUT: Smartphone; Type: SP5026I; Serial: 004999010640000

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;  $\sigma = 0.968 \text{ S/m}$ ;  $\varepsilon_r = 55.364$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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(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) = 0.0296 W/kg

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

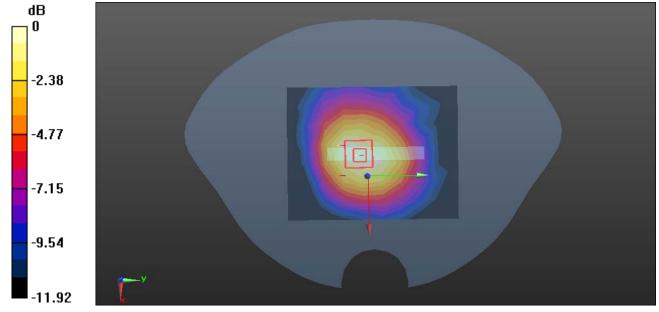
dy=8mm, dz=5mm

Reference Value = 5.687 V/m: Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.0350 W/kg

SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.017 W/kg

Info: Interpolated medium parameters used for SAR evaluation.



0 dB = 0.0296 W/kg = -15.29 dBW/kg



Reference No .: C150618S01-SE Date of Issue: July 31, 2015 Report No .: C150731S02-SE

Test Laboratory: Compliance Certification Services Inc. Date: 6/29/2015

**GPRS 1900-Body Front High CH810** 

DUT: Smartphone; Type: SP5026I; Serial: 004999010640000

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;  $\sigma$  = 1.571 S/m;  $\varepsilon_r$  = 52.446;  $\rho$  = 1000 kg/m<sup>3</sup>

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 Front High CH810/Area Scan (11x9x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.0886 W/kg

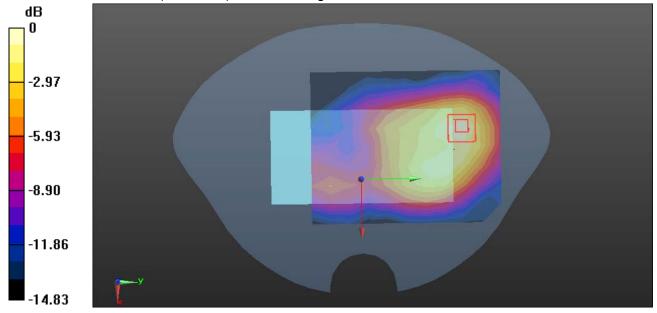
## GPRS 1900/Body Front High CH810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,

dy=8mm, dz=5mm

Reference Value = 2.613 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.123 W/kg

SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.030 W/kgMaximum value of SAR (measured) = 0.0863 W/kg



0 dB = 0.0863 W/kg = -10.64 dBW/kg



Reference No .: C150618S01-SE Date of Issue: July 31, 2015 Report No .: C150731S02-SE

Test Laboratory: Compliance Certification Services Inc. Date: 6/29/2015

GPRS 1900-Body Rear High CH810

DUT: Smartphone; Type: SP5026I; Serial: 004999010640000

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;  $\sigma$  = 1.571 S/m;  $\varepsilon_r$  = 52.446;  $\rho$  = 1000 kg/m<sup>3</sup>

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), Sensor-Surface: 0mm (Fix Surface)
- 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 High CH810/Area Scan (11x9x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.382 W/kg

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

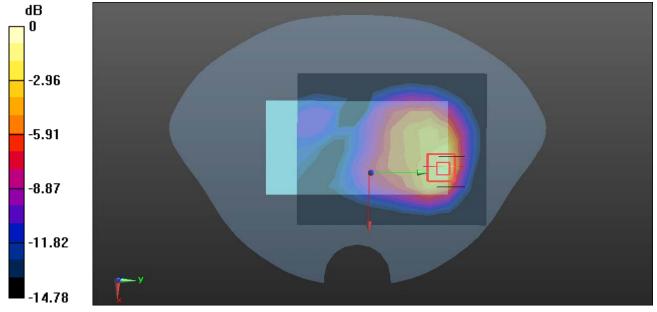
Reference Value = 4.815 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.613 W/kg

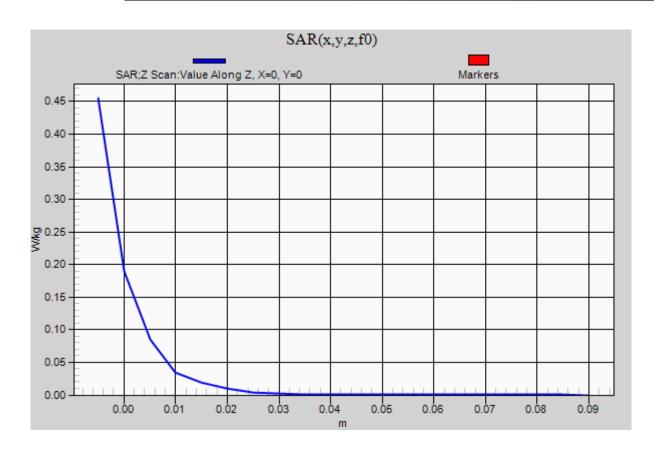
 $SAR(1 \ a) = 0.272 \ W/ka: SAR(10 \ a) = 0.126 \ W/ka$ Maximum value of SAR (measured) = 0.436 W/kg

GPRS 1900/Body Rear High CH810/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 0.455 W/kg



0 dB = 0.436 W/kg = -3.61 dBW/kg





Reference No .: C150618S01-SE Date of Issue: July 31, 2015 Report No .: C150731S02-SE

Test Laboratory: Compliance Certification Services Inc. Date: 6/29/2015

**GPRS 1900-Body Right High CH810** 

DUT: Smartphone; Type: SP5026I; Serial: 004999010640000

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;  $\sigma$  = 1.545 S/m;  $\varepsilon_r$  = 52.503;  $\rho$  = 1000 kg/m<sup>3</sup>

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)

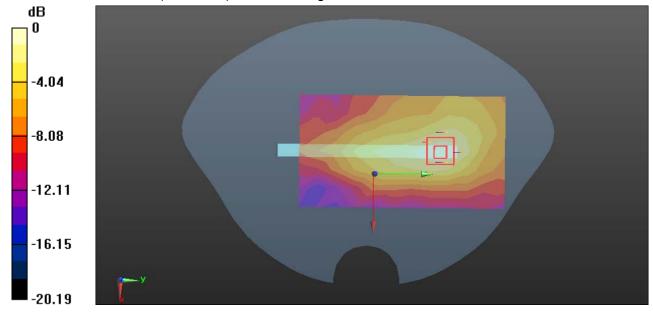
GPRS 1900/Body Right High CH810/Area Scan (12x7x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.0408 W/kg

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

Reference Value = 3.926 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.0590 W/kg

 $SAR(1 \ a) = 0.030 \ W/ka; SAR(10 \ a) = 0.016 \ W/ka$ Maximum value of SAR (measured) = 0.0437 W/kg



0 dB = 0.0437 W/kg = -13.60 dBW/kg



Reference No .: C150618S01-SE Date of Issue: July 31, 2015 Report No .: C150731S02-SE

Test Laboratory: Compliance Certification Services Inc. Date: 6/29/2015

**GPRS 1900-Body Bottom High CH810** 

DUT: Smartphone; Type: SP5026I; Serial: 004999010640000

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;  $\sigma$  = 1.545 S/m;  $\varepsilon_r$  = 52.503;  $\rho$  = 1000 kg/m<sup>3</sup>

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)

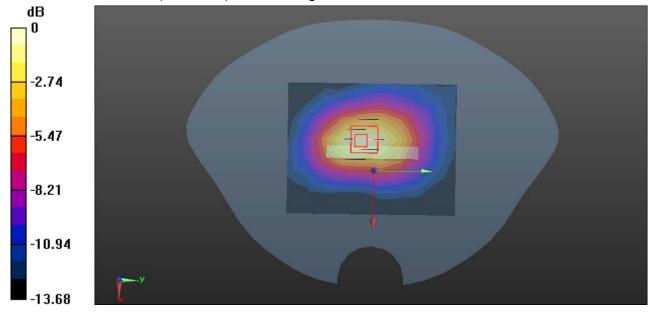
GPRS 1900/Body Bottom High CH810/Area Scan (10x8x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.136 W/kg

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

Reference Value = 8.149 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.179 W/kg

 $SAR(1 \ a) = 0.090 \ W/ka; SAR(10 \ a) = 0.047 \ W/ka$ Maximum value of SAR (measured) = 0.133 W/kg



0 dB = 0.133 W/kg = -8.76 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 6/29/2015

WCDMA Band II-Body Front Low CH9262

DUT: Smartphone; Type: SP5026I; Serial: 004999010640000

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;  $\sigma = 1.526 \text{ S/m}$ ;  $\varepsilon_r = 52.521$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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 Front Low CH9262/Area Scan (11x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.177 W/kg

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

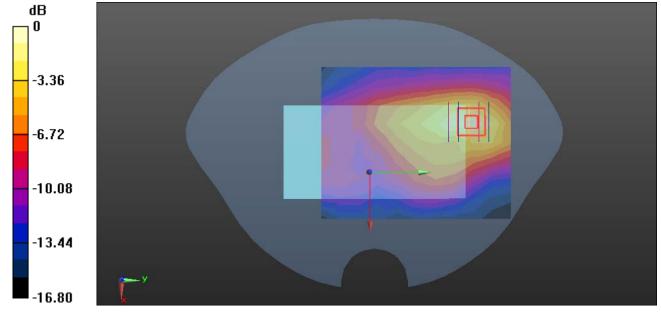
dy=8mm, dz=5mm

Reference Value = 3.384 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.061 W/kg

Info: Interpolated medium parameters used for SAR evaluation.



0 dB = 0.177 W/kg = -7.52 dBW/kg

Test Laboratory: Compliance Certification Services Inc. Date: 6/29/2015

WCDMA Band II-Body Rear Low CH9262

DUT: Smartphone; Type: SP5026I; Serial: 004999010640000

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;  $\sigma = 1.526 \text{ S/m}$ ;  $\varepsilon_r = 52.521$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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 Rear Low CH9262/Area Scan (11x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.452 W/kg

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

dy=8mm, dz=5mm

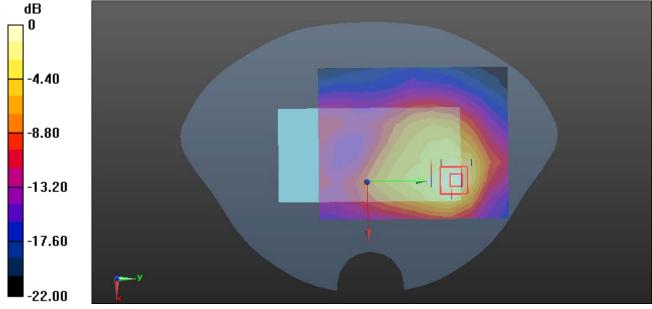
Reference Value = 4.845 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.653 W/kg

SAR(1 g) = 0.308 W/kg; SAR(10 g) = 0.149 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.442 W/kg



0 dB = 0.442 W/kg = -3.55 dBW/kg

Reference No .: C150618S01-SE Date of Issue: July 31, 2015 Report No .: C150731S02-SE

Test Laboratory: Compliance Certification Services Inc. Date: 6/29/2015

WCDMA Band II-Body Right Low CH9262

DUT: Smartphone; Type: SP5026I; Serial: 004999010640000

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;  $\sigma = 1.526 \text{ S/m}$ ;  $\varepsilon_r = 52.521$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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 Right Low CH9262/Area Scan (11x7x1): Measurement grid: dx=15mm, dv=15mm

Info: Interpolated medium parameters used for SAR evaluation.

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

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

dv=8mm. dz=5mm

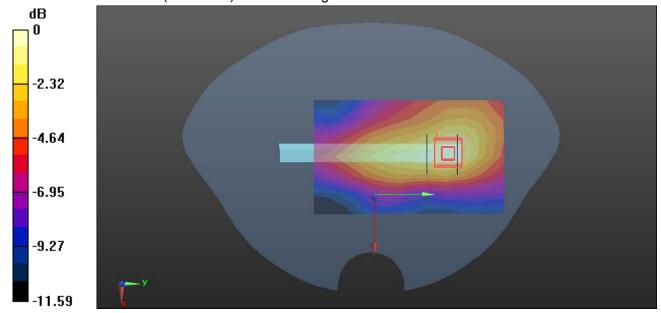
Reference Value = 5.649 V/m: Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.105 W/kg

SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.031 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0801 W/kg



0 dB = 0.0801 W/kg = -10.96 dBW/kg



Reference No .: C150618S01-SE Date of Issue: July 31, 2015 Report No .: C150731S02-SE

Test Laboratory: Compliance Certification Services Inc. Date: 6/29/2015

WCDMA Band II-Body Bottom Low CH9262

DUT: Smartphone; Type: SP5026I; Serial: 004999010640000

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;  $\sigma = 1.526 \text{ S/m}$ ;  $\varepsilon_r = 52.521$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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), Sensor-Surface: 0mm (Fix Surface)
- 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 Low CH9262/Area Scan (9x8x1): Measurement grid: dx=15mm, dv=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.918 W/kg

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

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

Reference Value = 22.83 V/m: Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.627 W/kg; SAR(10 g) = 0.323 W/kg

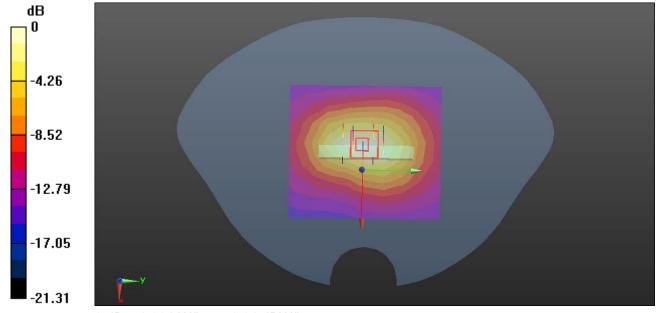
Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.931 W/kg

WCDMA Band II/Body Bottom Low CH9262/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

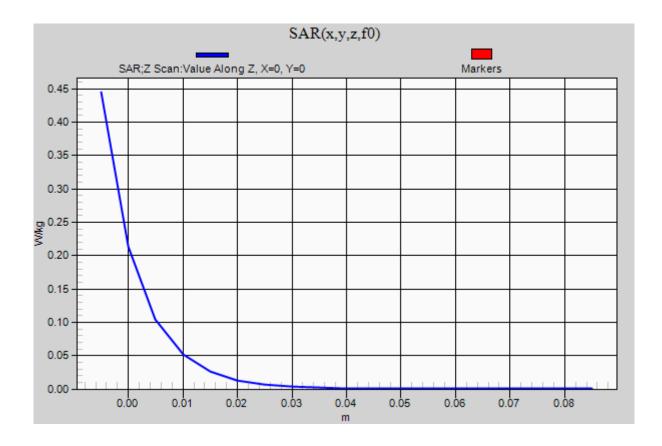
Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.444 W/kg



0 dB = 0.931 W/kg = -0.31 dBW/kg

Reference No .: C150618S01-SE Report No .: C150731S02-SE





Reference No .: C150618S01-SE Date of Issue: July 31, 2015 Report No .: C150731S02-SE

Test Laboratory: Compliance Certification Services Inc. Date: 6/28/2015

WCDMA Band V-Body Front Low CH4132

DUT: Smartphone; Type: SP5026I; Serial: 004999010640000

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;  $\sigma$  = 0.969 S/m;  $\varepsilon_r$  = 55.361;  $\rho$  = 1000 kg/m<sup>3</sup>

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 (12x9x1): Measurement grid: dx=15mm,

Maximum value of SAR (measured) = 0.201 W/kg

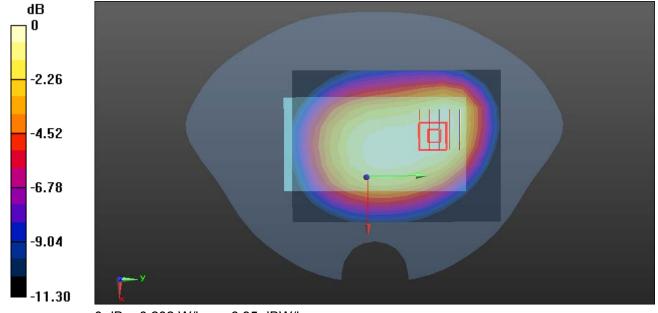
#### WCDMA Band V/Body Front Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.92 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.233 W/kg

SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.123 W/kg

Maximum value of SAR (measured) = 0.202 W/kg



0 dB = 0.202 W/kg = -6.95 dBW/kg



Reference No .: C150618S01-SE Date of Issue: July 31, 2015 Report No .: C150731S02-SE

Test Laboratory: Compliance Certification Services Inc. Date: 6/28/2015

WCDMA Band V-Body Rear Low CH4132

DUT: Smartphone; Type: SP5026I; Serial: 004999010640000

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;  $\sigma$  = 0.969 S/m;  $\varepsilon_r$  = 55.361;  $\rho$  = 1000 kg/m<sup>3</sup>

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 (12x9x1): Measurement grid: dx=15mm,

Maximum value of SAR (measured) = 0.405 W/kg

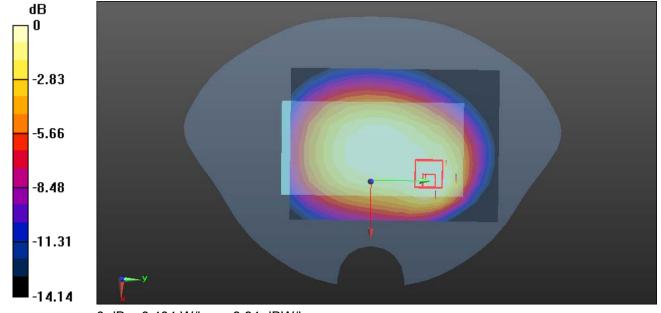
#### WCDMA Band V/Body Rear Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.13 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.490 W/kg

SAR(1 g) = 0.338 W/kg; SAR(10 g) = 0.238 W/kg

Maximum value of SAR (measured) = 0.404 W/kg



0 dB = 0.404 W/kg = -3.94 dBW/kg

Reference No .: C150618S01-SE Date of Issue: July 31, 2015 Report No .: C150731S02-SE

Test Laboratory: Compliance Certification Services Inc. Date: 6/28/2015

WCDMA Band V-Body Right Low CH4132

DUT: Smartphone; Type: SP5026I; Serial: 004999010640000

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;  $\sigma$  = 0.969 S/m;  $\varepsilon_r$  = 55.361;  $\rho$  = 1000 kg/m<sup>3</sup>

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), Sensor-Surface: 0mm (Fix Surface)
- 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 (12x7x1): Measurement grid: dx=15mm,

Maximum value of SAR (measured) = 0.448 W/kg

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

Reference Value = 21.80 V/m; Power Drift = 0.01 dB

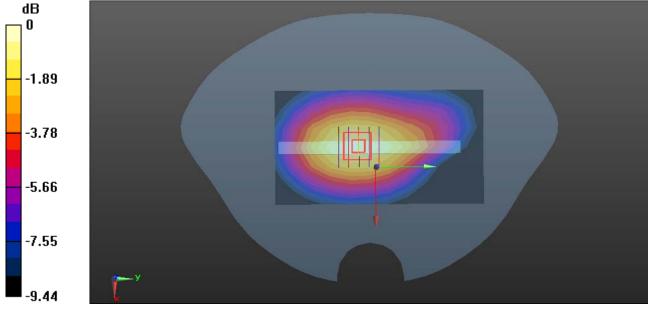
Peak SAR (extrapolated) = 0.515 W/kg

SAR(1 g) = 0.375 W/kg; SAR(10 g) = 0.263 W/kg

Maximum value of SAR (measured) = 0.454 W/kg

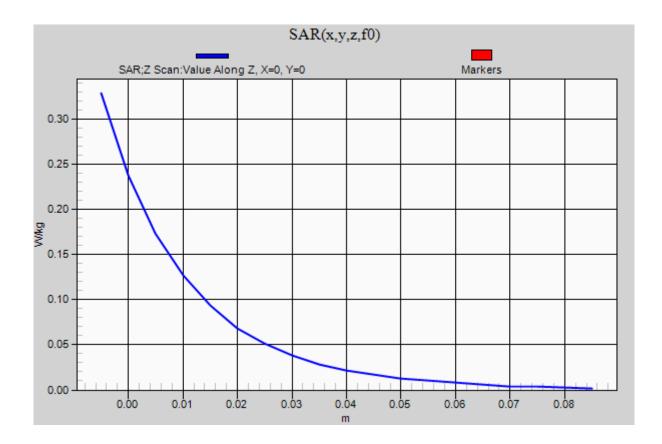
#### WCDMA Band V/Body Right Low CH4132/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 0.329 W/kg



0 dB = 0.454 W/kq = -3.43 dBW/kq

Reference No .: C150618S01-SE Report No .: C150731S02-SE



Reference No .: C150618S01-SE Date of Issue: July 31, 2015 Report No .: C150731S02-SE

Test Laboratory: Compliance Certification Services Inc. Date: 6/28/2015

WCDMA Band V-Body Bottom Low CH4132

DUT: Smartphone; Type: SP5026I; Serial: 004999010640000

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;  $\sigma$  = 0.969 S/m;  $\varepsilon_r$  = 55.361;  $\rho$  = 1000 kg/m<sup>3</sup>

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 Bottom Low CH4132/Area Scan (9x8x1): Measurement grid: dx=15mm,

Maximum value of SAR (measured) = 0.119 W/kg

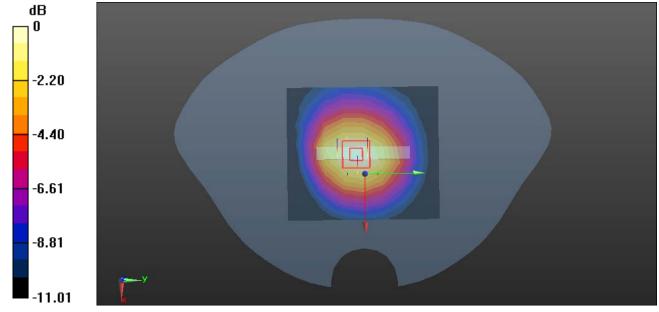
#### WCDMA Band V/Body Bottom Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 11.84 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.144 W/kg

SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.070 W/kgMaximum value of SAR (measured) = 0.126 W/kg



0 dB = 0.126 W/kg = -9.00 dBW/kg