Huawei Technologies Co.,Ltd.

Date/Time: 2010-12-17 16:39:29

P1528_OET65_EN62209- RightHandSide touched –WCDMA1900 Low
DUT: HUAWEI U9000/U9000

Communication System: HW-UMTS-FDD; Frequency: 1852.4 MHz
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.33 mho/m; ε_r = 38.9; ρ = 1000 kg/m3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:
ı Probe: EX3DV4 - SN3736; ConvF(7.61, 7.76, 8.09); Calibrated: 2010-11-16
ı Sensor-Surface: 4mm (Mechanical Surface Detection)
ı Electronics: DAE4 Sn851; Calibrated: 2010-6-30
ı Phantom: SAM1; Type: SAM; Serial: TP-1475
ı Measurement SW: DASY5, V5.2 Build 157; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685)
(Deployment Build)
U9000/Head/Area Scan (11x17x1): Measurement grid: dx=10mm, dy=10mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.728 mW/g
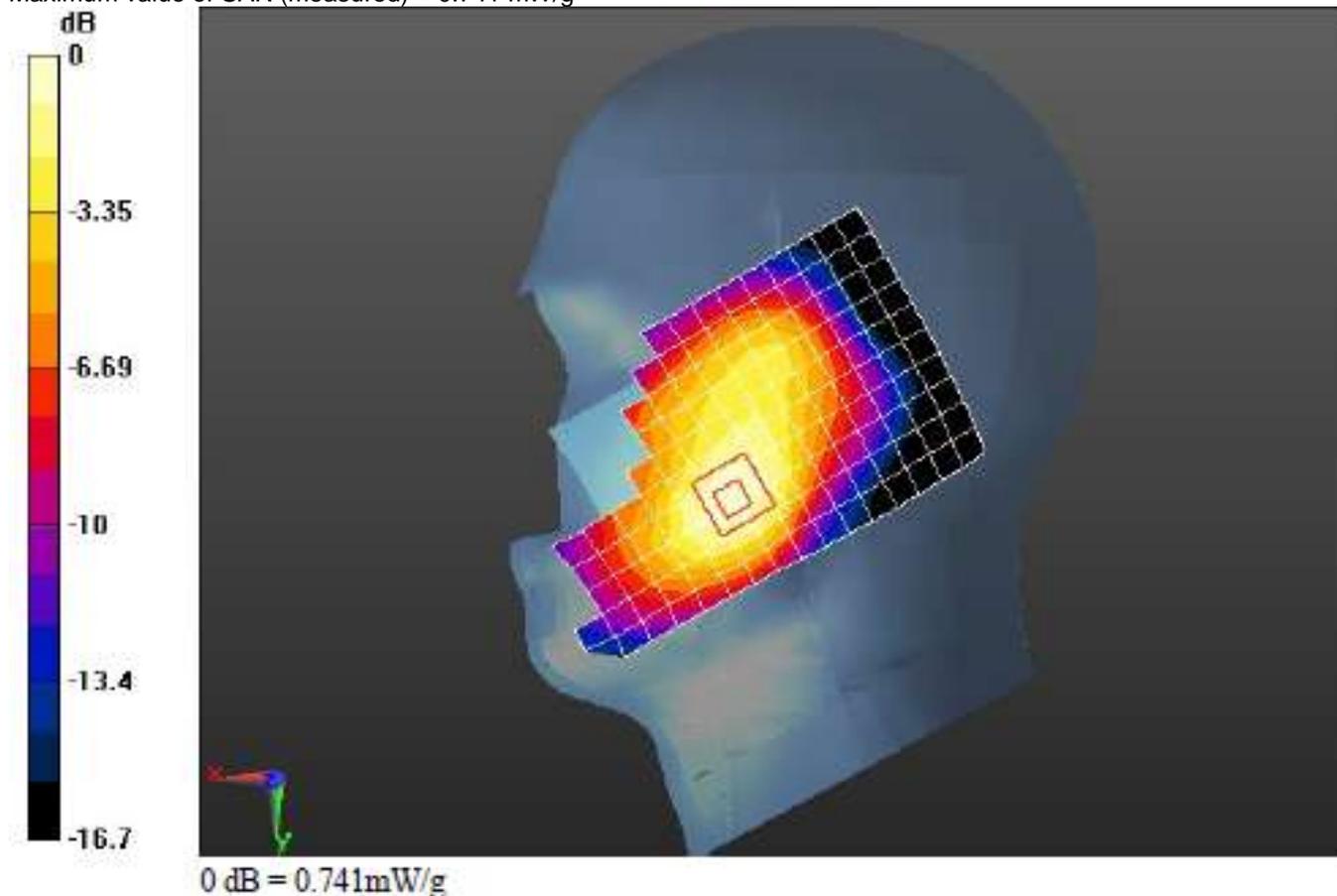**U9000/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.36 V/m; Power Drift = -0.138 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.680 mW/g; SAR(10 g) = 0.428 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.741 mW/g

0 dB = 0.741mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.2°C; liquid temperature: 21.7°C

Annex 2.6   WCDMA 1900 MHz Body

Date/Time: 2010-12-15 12:23:56

P1528_OET65_EN62209- towards phantom- WCDMA1900 Middle
DUT: HUAWEI U9000/U9000
Communication System: HW-UMTS-FDD; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.54 mho/m; ε_r = 53.7; ρ = 1000 kg/m3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:
ıProbe: EX3DV4 - SN3736; ConvF(6.81, 6.96, 7.3); Calibrated: 2010-11-16
ıSensor-Surface: 4mm (Mechanical Surface Detection)
ıElectronics: DAE4 Sn851; Calibrated: 2010-6-30
ıPhantom: SAM1; Type: SAM; Serial: TP-1475
ıMeasurement SW: DASY5, V5.2 Build 157; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685)
(Deployment Build)
U9000/Body/Area Scan (11x17x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.350 mW/g
U9000/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.04 V/m; Power Drift = -0.127 dB
Peak SAR (extrapolated) = 0.499 W/kg
SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.210 mW/g
Maximum value of SAR (measured) = 0.359 mW/g
U9000/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.04 V/m; Power Drift = -0.127 dB
Peak SAR (extrapolated) = 0.386 W/kg
SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.182 mW/g
Maximum value of SAR (measured) = 0.298 mW/g
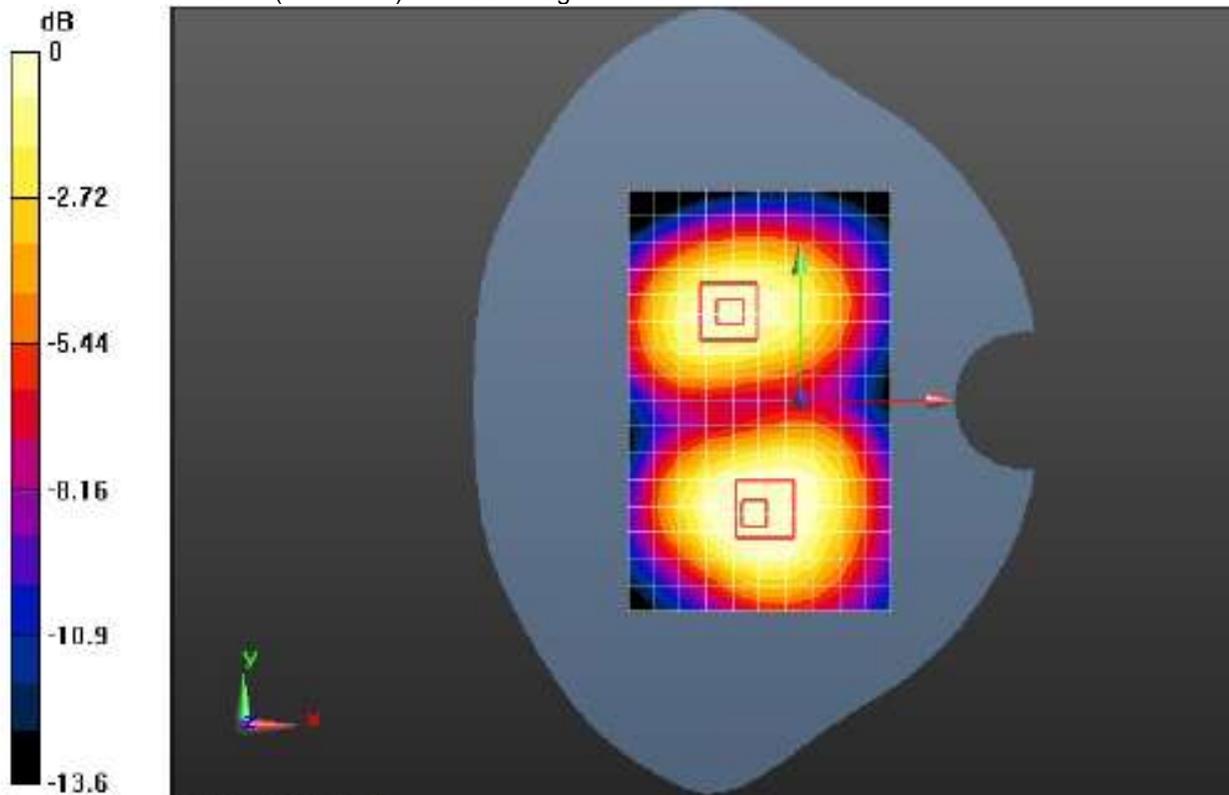
0 dB = 0.298mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :15 mm
ambient temperature: 22.3°C; liquid temperature: 21.6°C

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P1528_OET65_EN62209- towards ground- WCDMA1900 Middle
DUT: HUAWEI U9000/U9000
Communication System: HW-UMTS-FDD; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.54 mho/m; ε_r = 53.7; ρ = 1000 kg/m3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:
ıProbe: EX3DV4 - SN3736; ConvF(6.81, 6.96, 7.3); Calibrated: 2010-11-16
ıSensor-Surface: 4mm (Mechanical Surface Detection)
ıElectronics: DAE4 Sn851; Calibrated: 2010-6-30
ıPhantom: SAM1; Type: SAM; Serial: TP-1475
ıMeasurement SW: DASY5, V5.2 Build 157; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685)
(Deployment Build)
U9000/Body/Area Scan (11x17x1): Measurement grid: dx=10mm, dy=10mm
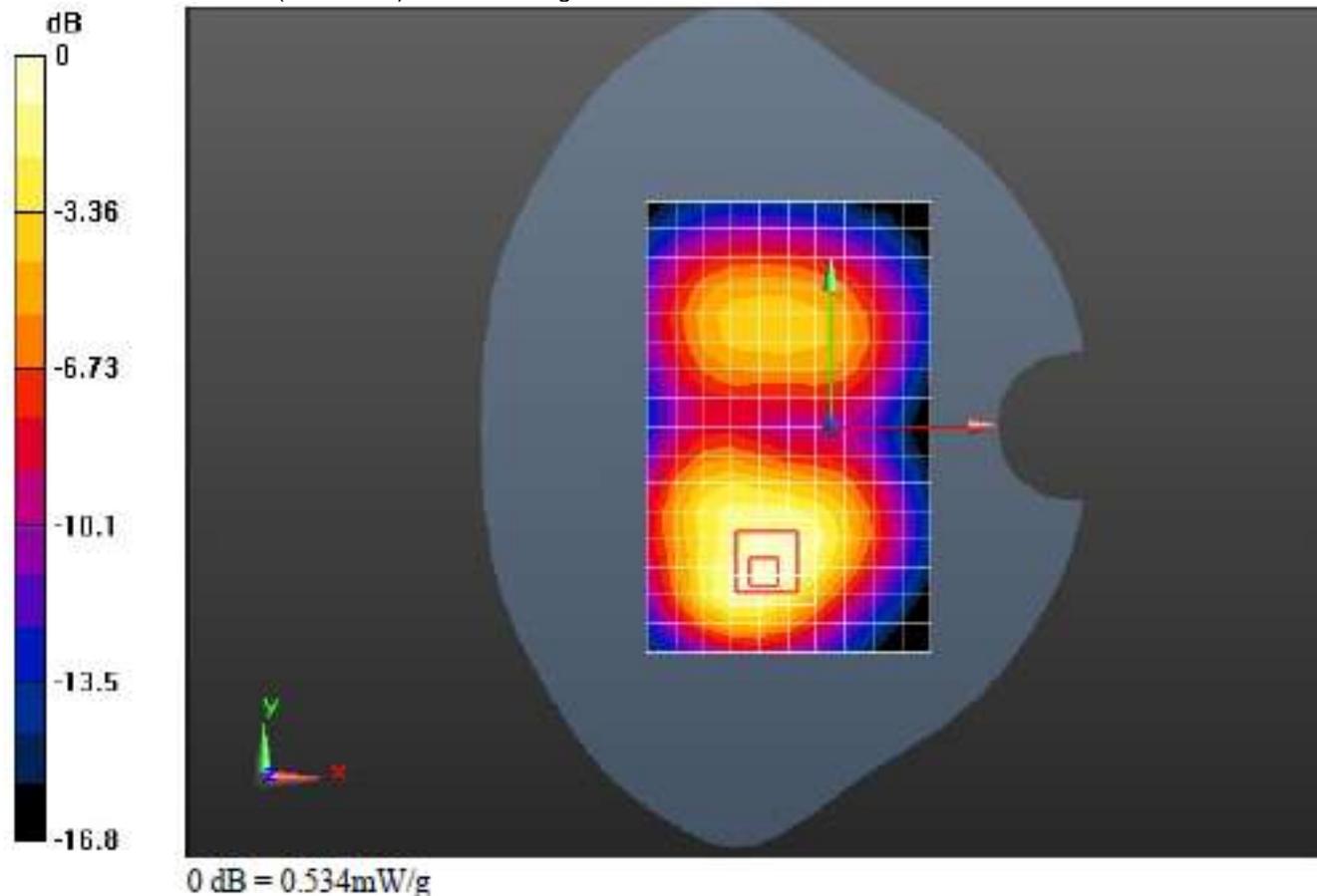Maximum value of SAR (measured) = 0.518 mW/g
U9000/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.97 V/m; Power Drift = 0.00989 dB
Peak SAR (extrapolated) = 0.764 W/kg
SAR(1 g) = 0.485 mW/g; SAR(10 g) = 0.293 mW/g
Maximum value of SAR (measured) = 0.534 mW/g

0 dB = 0.534mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :15 mm
ambient temperature: 22.3°C; liquid temperature: 21.6°C

Date/Time: 2010-12-15 16:00:57

P1528_OET65_EN62209- towards ground- WCDMA1900 High
DUT: HUAWEI U9000/U9000

Communication System: HW-UMTS-FDD; Frequency: 1907.6 MHz
Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.58 mho/m; ε_r = 53.6; ρ = 1000 kg/m3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:
ı Probe: EX3DV4 - SN3736; ConvF(6.81, 6.96, 7.3); Calibrated: 2010-11-16
ı Sensor-Surface: 4mm (Mechanical Surface Detection)
ı Electronics: DAE4 Sn851; Calibrated: 2010-6-30
ı Phantom: SAM1; Type: SAM; Serial: TP-1475
ı Measurement SW: DASY5, V5.2 Build 157; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685)
(Deployment Build)
U9000/Body/Area Scan (11x17x1): Measurement grid: dx=10mm, dy=10mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.628 mW/g
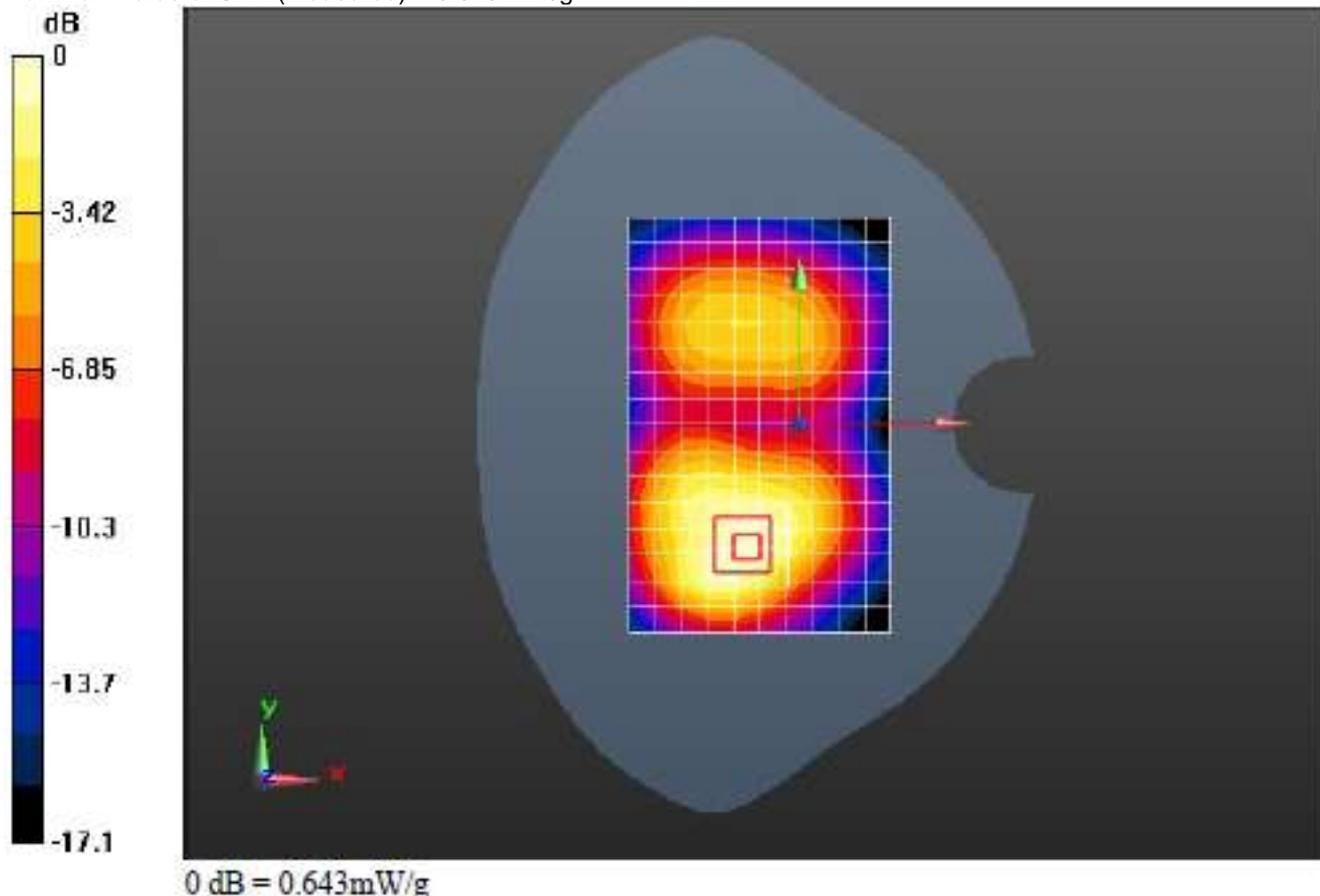**U9000/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.64 V/m; Power Drift = -0.103 dB
Peak SAR (extrapolated) = 0.981 W/kg
SAR(1 g) = 0.587 mW/g; SAR(10 g) = 0.351 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.643 mW/g

0 dB = 0.643mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :15 mm
ambient temperature: 22.3°C; liquid temperature: 21.6°C

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P1528_OET65_EN62209- towards ground- WCDMA1900 Low
DUT: HUAWEI U9000/U9000

Communication System: HW-UMTS-FDD; Frequency: 1852.4 MHz

Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.51 mho/m; ε_r = 53.8; ρ = 1000 kg/m3

Phantom section: Flat Section

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

DASY5 Configuration:

ᵢProbe: EX3DV4 - SN3736; ConvF(6.81, 6.96, 7.3); Calibrated: 2010-11-16

ᵢSensor-Surface: 4mm (Mechanical Surface Detection)

ᵢElectronics: DAE4 Sn851; Calibrated: 2010-6-30

ᵢPhantom: SAM1; Type: SAM; Serial: TP-1475

ᵢMeasurement SW: DASY5, V5.2 Build 157; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685)
(Deployment Build)

U9000/Body/Area Scan (11x17x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.851 mW/g

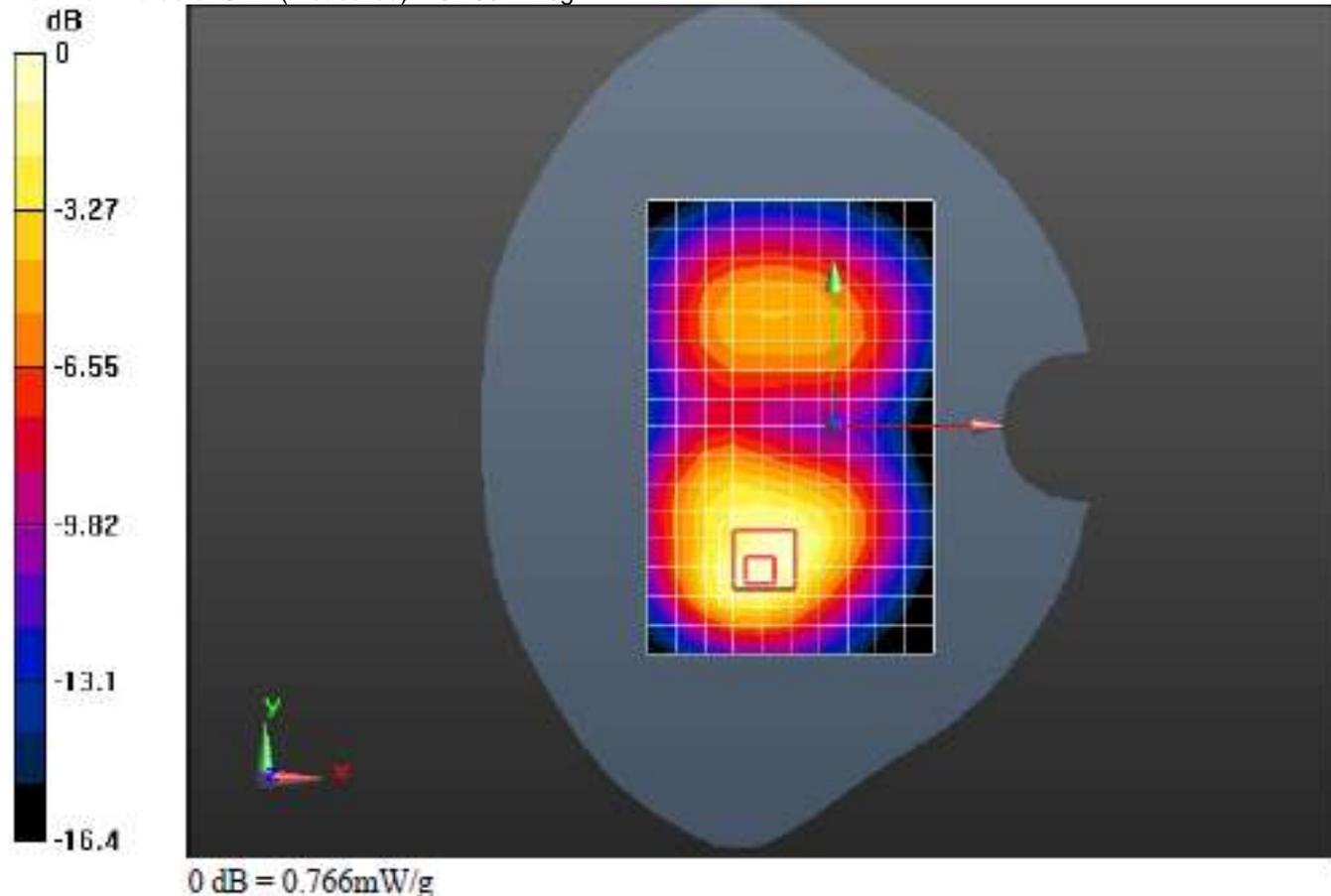**U9000/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.78 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.770 mW/g; SAR(10 g) = 0.456 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.844 mW/g
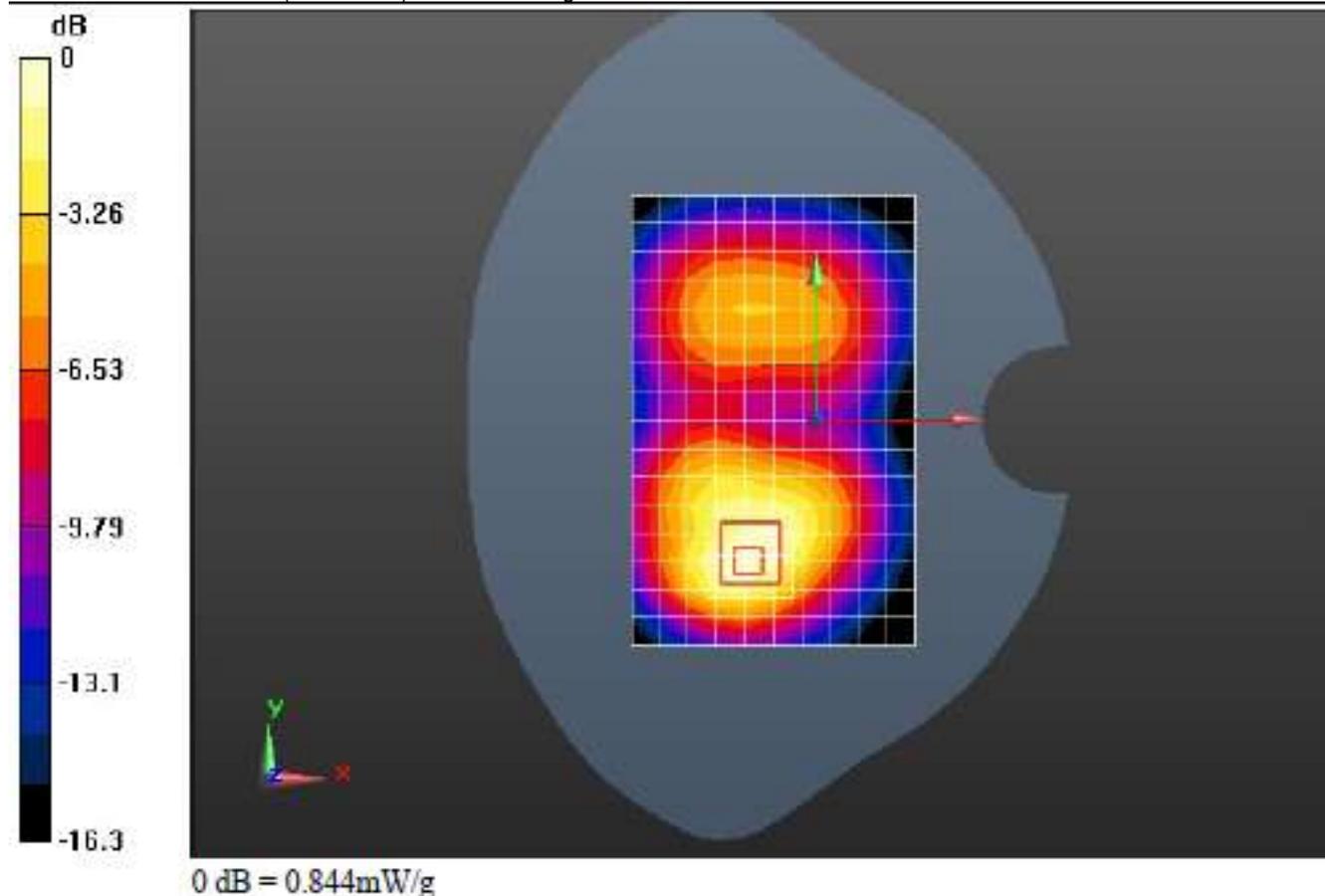
0 dB = 0.844mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) :15 mm

ambient temperature: 22.3°C; liquid temperature: 21.6°C

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Date/Time: 2010-12-15 18:48:36

P1528_OET65_EN62209- towards ground with HSDPA - WCDMA1900 Middle
DUT: HUAWEI U9000/U9000

Communication System: HW-UMTS-FDD; Frequency: 1852.4 MHz
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.51 mho/m; ε_r = 53.8; ρ = 1000 kg/m3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:
ıProbe: EX3DV4 - SN3736; ConvF(6.81, 6.96, 7.3); Calibrated: 2010-11-16
ıSensor-Surface: 4mm (Mechanical Surface Detection)
ıElectronics: DAE4 Sn851; Calibrated: 2010-6-30
ıPhantom: SAM1; Type: SAM; Serial: TP-1475
ıMeasurement SW: DASY5, V5.2 Build 157; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685)
(Deployment Build)
U9000/Body/Area Scan (11x17x1): Measurement grid: dx=10mm, dy=10mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.763 mW/g
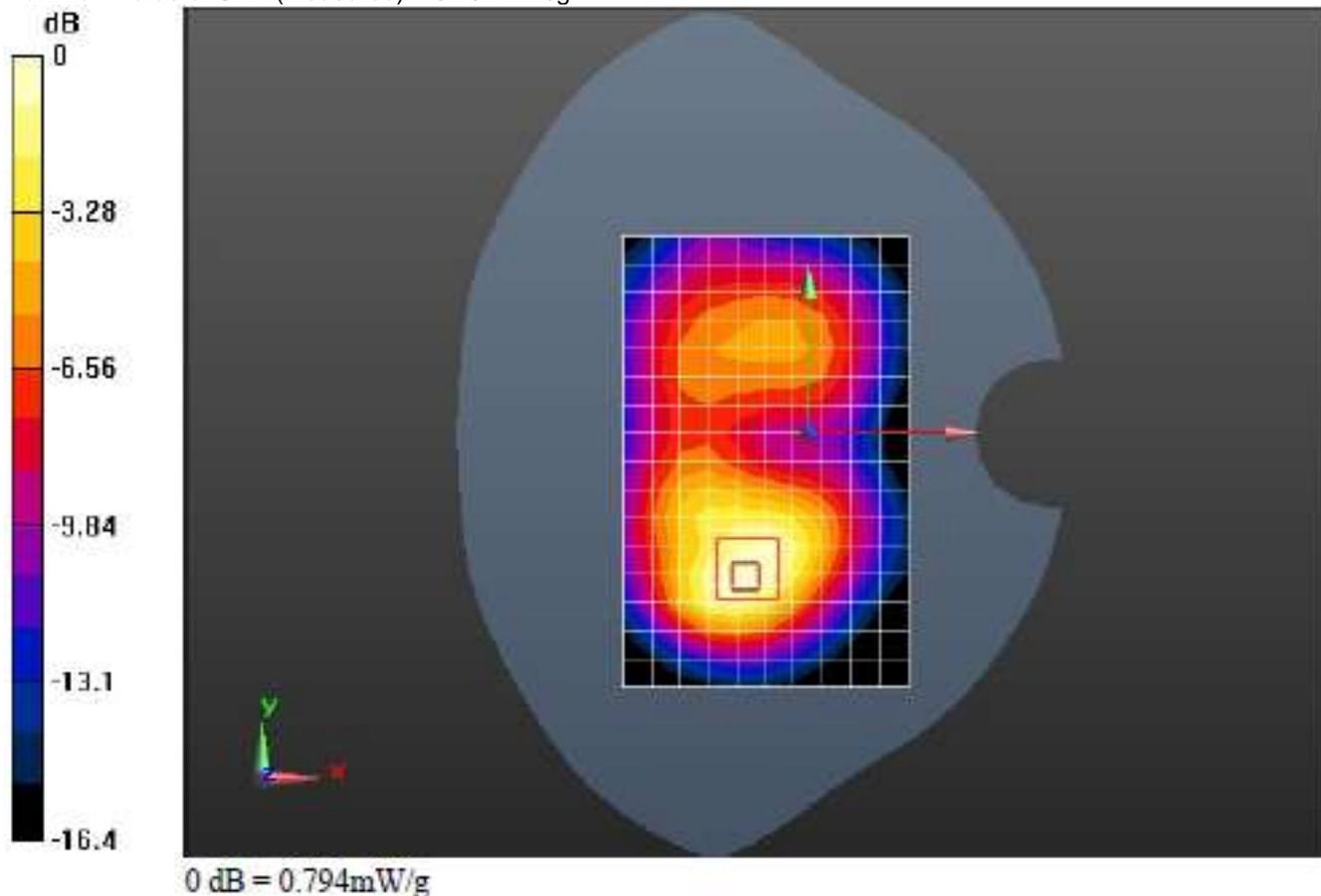**U9000/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.17 V/m; Power Drift = 0.094 dB
Peak SAR (extrapolated) = 1.1 W/kg
SAR(1 g) = 0.700 mW/g; SAR(10 g) = 0.415 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.766 mW/g

0 dB = 0.766mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :15 mm
ambient temperature: 22.3°C; liquid temperature: 21.6°C

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Date/Time: 2010-12-15 23:52:11

P1528_OET65_EN62209- towards ground with Headset - WCDMA1900 Middle
DUT: HUAWEI U9000/U9000

Communication System: HW-UMTS-FDD; Frequency: 1852.4 MHz
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.51 mho/m; ε_r = 53.8; ρ = 1000 kg/m3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:
ıProbe: EX3DV4 - SN3736; ConvF(6.81, 6.96, 7.3); Calibrated: 2010-11-16
ıSensor-Surface: 4mm (Mechanical Surface Detection)
ıElectronics: DAE4 Sn851; Calibrated: 2010-6-30
ıPhantom: SAM1; Type: SAM; Serial: TP-1475
ıMeasurement SW: DASY5, V5.2 Build 157; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685)
(Deployment Build)
U9000/Body/Area Scan (11x17x1): Measurement grid: dx=10mm, dy=10mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.764 mW/g
**U9000/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.23 V/m; Power Drift = 0.072 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.720 mW/g; SAR(10 g) = 0.417 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.794 mW/g

0 dB = 0.794mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :15 mm
ambient temperature: 22.3°C; liquid temperature: 21.6°C

Huawei Technologies Co.,Ltd.

Date/Time: 2010-12-16 0:41:55

P1528_OET65_EN62209- towards ground with Bluetooth Headset - WCDMA1900 Middle
DUT: HUAWEI U9000/U9000

Communication System: HW-UMTS-FDD; Frequency: 1852.4 MHz
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.51 mho/m; ε_r = 53.8; ρ = 1000 kg/m3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:
ıProbe: EX3DV4 - SN3736; ConvF(6.81, 6.96, 7.3); Calibrated: 2010-11-16
ıSensor-Surface: 4mm (Mechanical Surface Detection)
ıElectronics: DAE4 Sn851; Calibrated: 2010-6-30
ıPhantom: SAM1; Type: SAM; Serial: TP-1475
ıMeasurement SW: DASY5, V5.2 Build 157; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685)
(Deployment Build)
U9000/Body/Area Scan (11x17x1): Measurement grid: dx=10mm, dy=10mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.826 mW/g
U9000/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
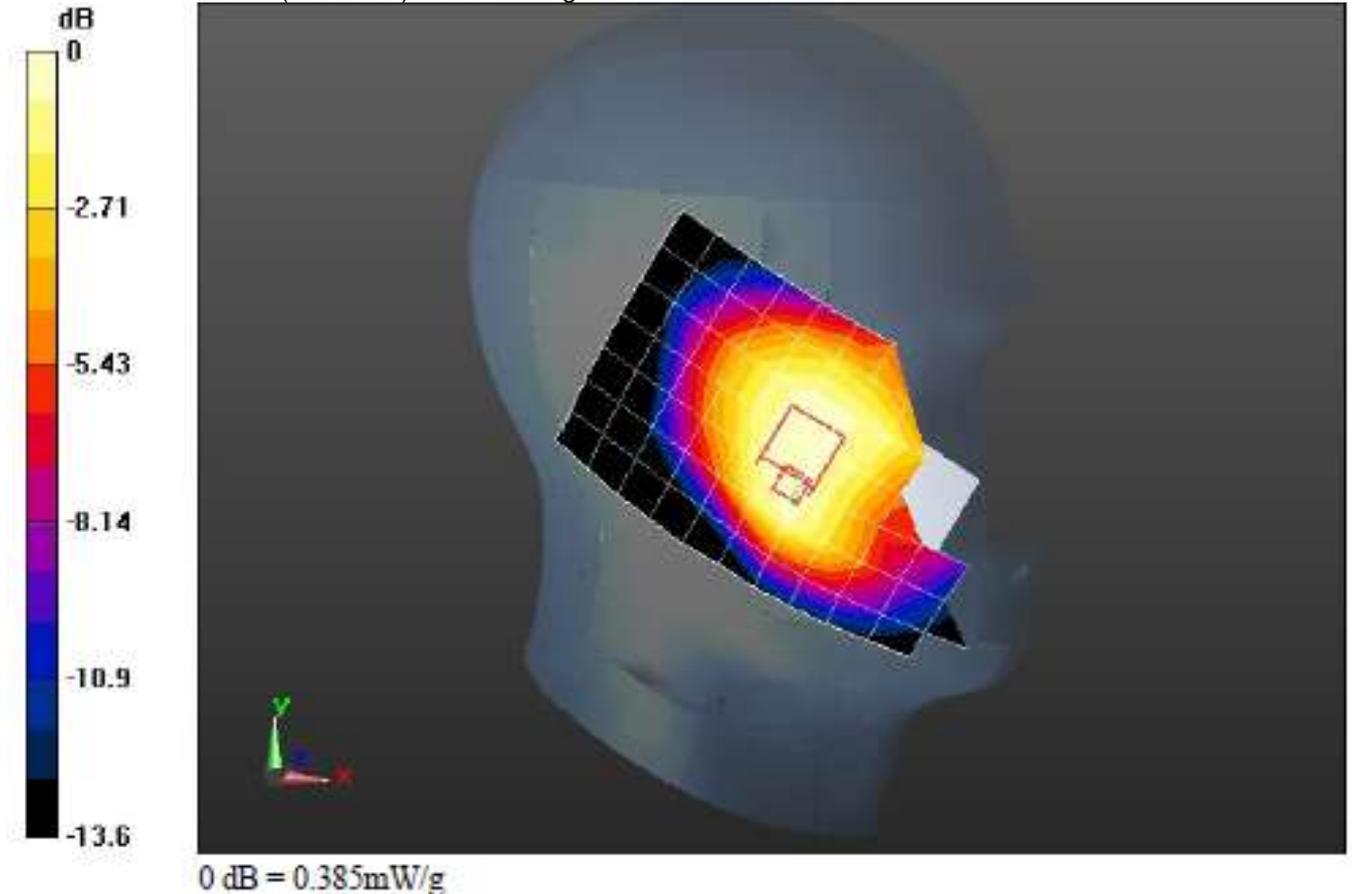Reference Value = 7.72 V/m; Power Drift = 0.090 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.761 mW/g; SAR(10 g) = 0.451 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.840 mW/g
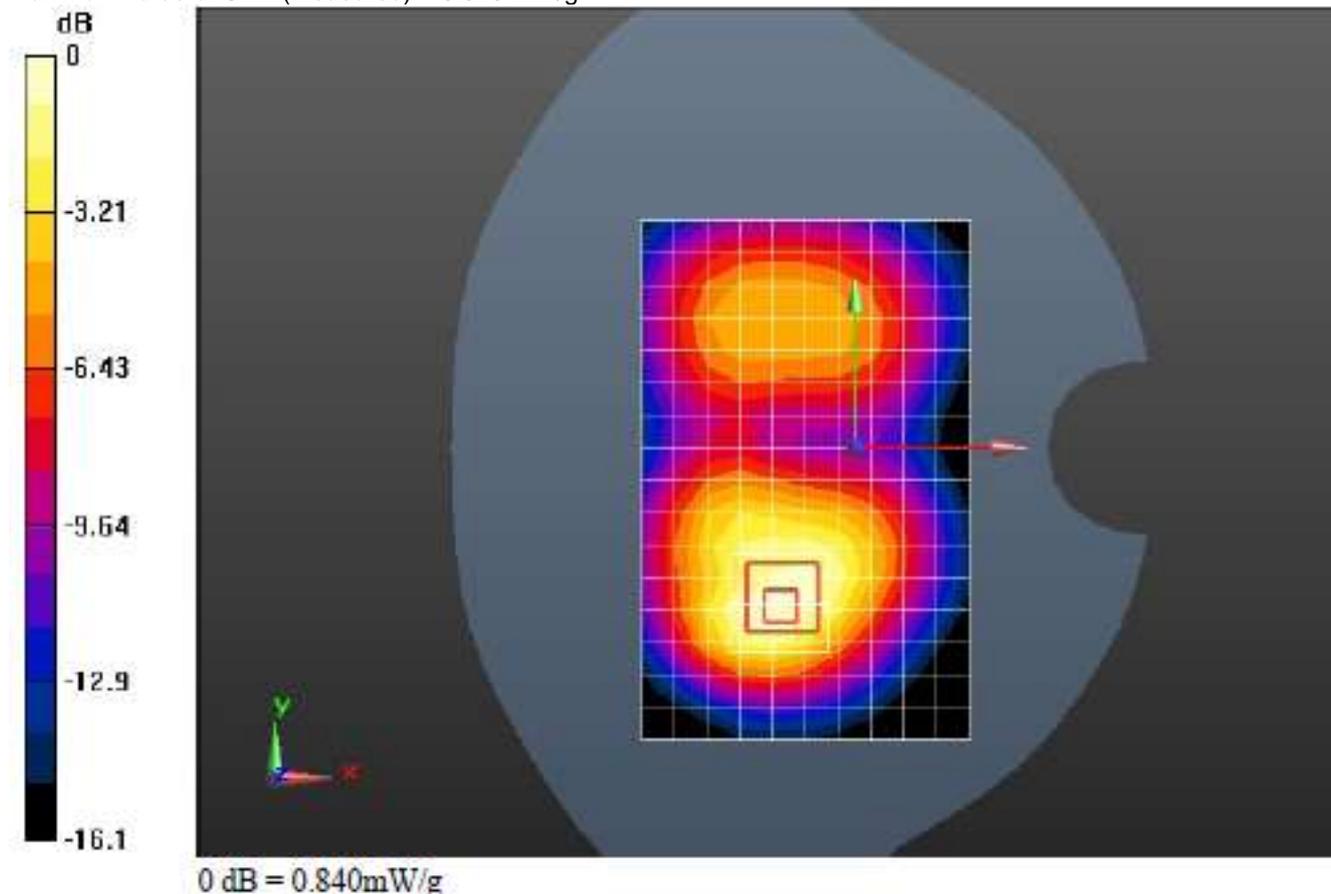
0 dB = 0.840mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :15 mm
ambient temperature: 22.3°C; liquid temperature: 21.6°C

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Annex 2.7   WCDMA 1700 MHz Head

Date/Time: 2010-12-15 0:12:56

P1528_OET65_EN62209- LeftHandSide touched –WCDMA1700 Midlle
DUT: HUAWEI U9000/U9000

Communication System: HW-UMTS-FDD; Frequency: 1732.5 MHz
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.34 mho/m; ε_r = 38.7; ρ = 1000 kg/m3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:
ı Probe: EX3DV4 - SN3736; ConvF(8.34, 8.45, 8.84); Calibrated: 2010-11-16
ı Sensor-Surface: 4mm (Mechanical Surface Detection)
ı Electronics: DAE4 Sn851; Calibrated: 2010-6-30
ı Phantom: SAM2; Type: SAM; Serial: TP-1474
ı Measurement SW: DASY5, V5.2 Build 157; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685)
(Deployment Build)
U9000/head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.363 mW/g
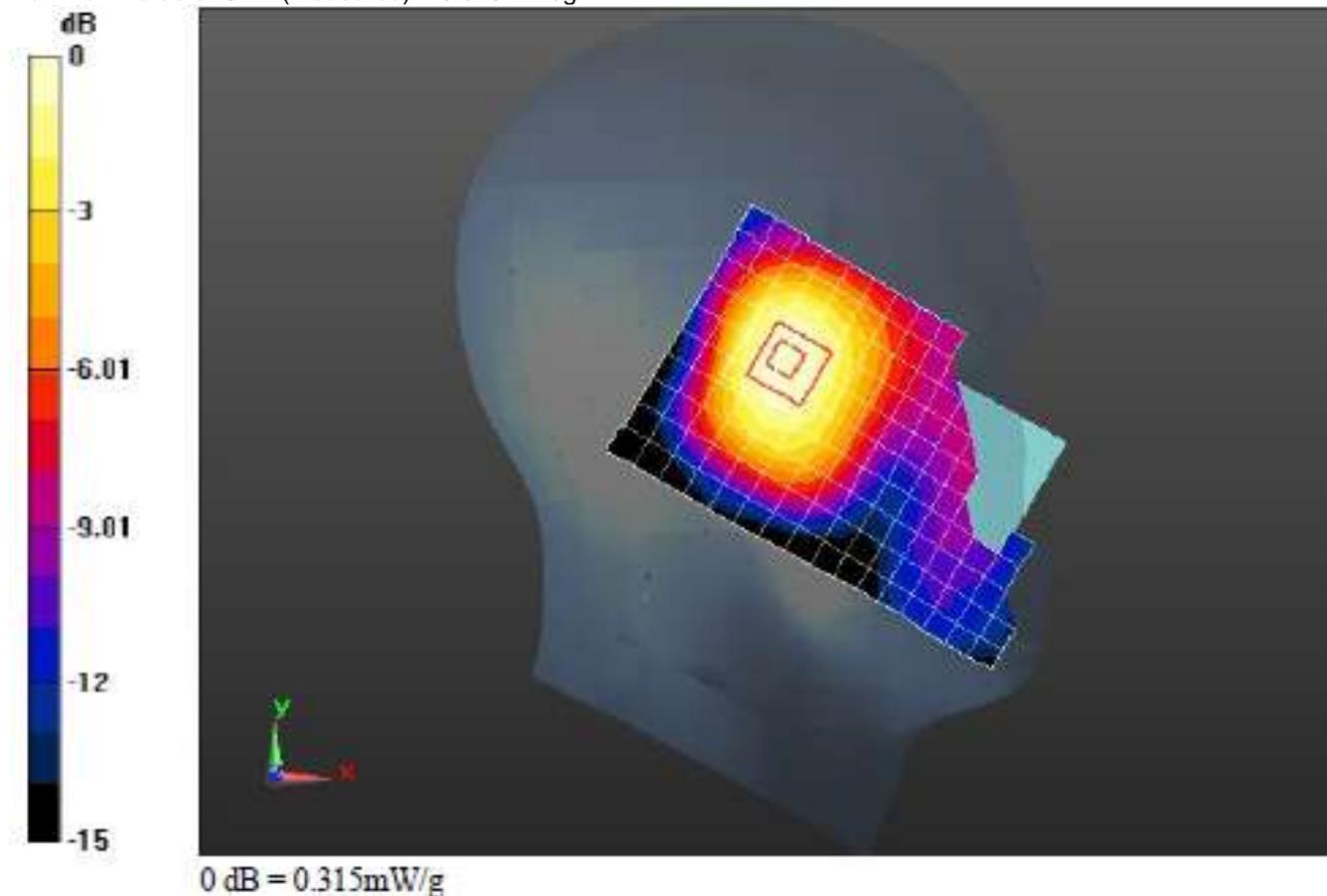**U9000/head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.42 V/m; Power Drift = -0.126 dB
Peak SAR (extrapolated) = 0.494 W/kg
SAR(1 g) = 0.358 mW/g; SAR(10 g) = 0.248 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.385 mW/g

0 dB = 0.385mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.2°C; liquid temperature: 21.7°C

Huawei Technologies Co.,Ltd.

Date/Time: 2010-12-15 0:59:45

P1528_OET65_EN62209- LeftHandSide tilted 15° –WCDMA1700 Middle
DUT: HUAWEI U9000/U9000
Communication System: HW-UMTS-FDD; Frequency: 1732.5 MHz
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.34 mho/m; εr = 38.7; ρ = 1000 kg/m3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:
ı Probe: EX3DV4 - SN3736; ConvF(8.34, 8.45, 8.84); Calibrated: 2010-11-16
ı Sensor-Surface: 4mm (Mechanical Surface Detection)
ı Electronics: DAE4 Sn851; Calibrated: 2010-6-30
ı Phantom: SAM2; Type: SAM; Serial: TP-1474
ı Measurement SW: DASY5, V5.2 Build 157; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685)
(Deployment Build)
U9000/head/Area Scan (11x17x1): Measurement grid: dx=10mm, dy=10mm
Info: Interpolated medium parameters used for SAR evaluation.
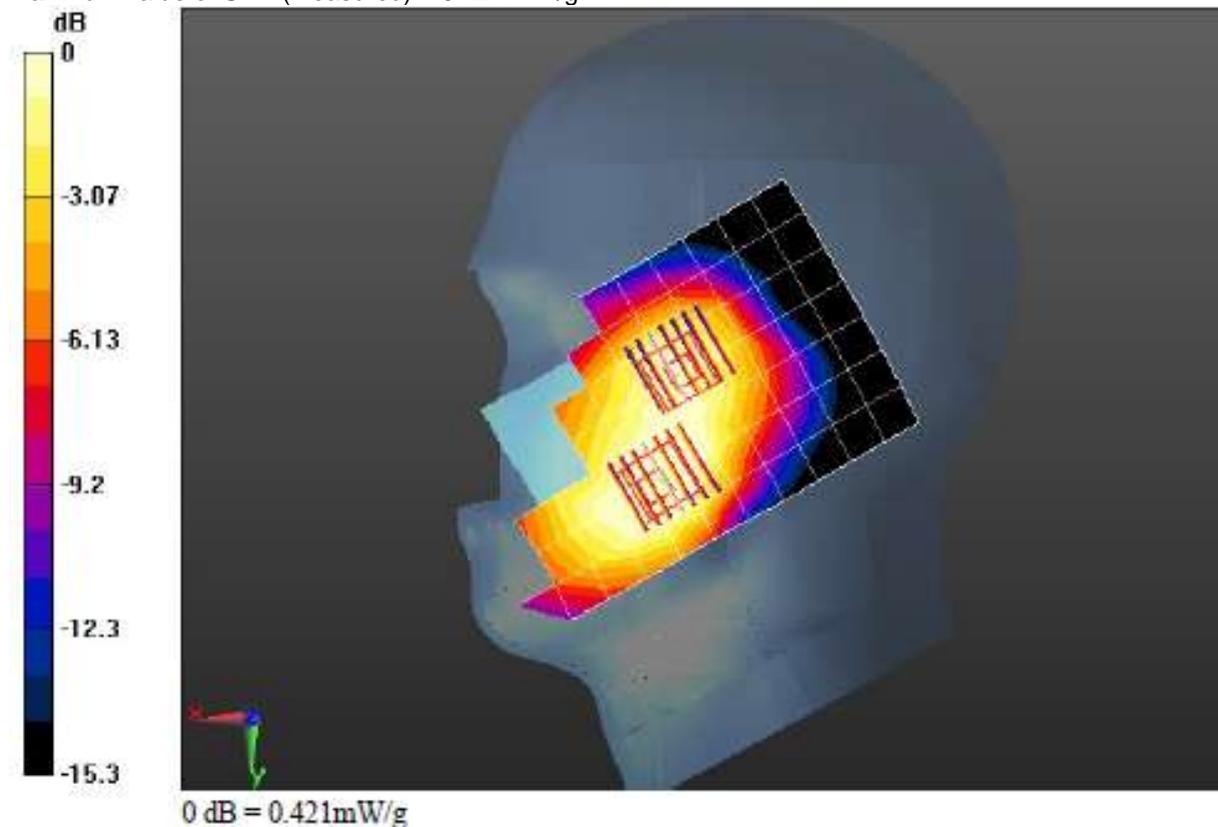Maximum value of SAR (measured) = 0.308 mW/g
U9000/head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11 V/m; Power Drift = -0.151 dB
Peak SAR (extrapolated) = 0.414 W/kg
SAR(1 g) = 0.295 mW/g; SAR(10 g) = 0.194 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.315 mW/g

0 dB = 0.315mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.2°C; liquid temperature: 21.7°C

Huawei Technologies Co.,Ltd.

P1528_OET65_EN62209- RightHandSide touched –WCDMA1700 Middle
DUT: HUAWEI U9000/U9000
Communication System: HW-UMTS-FDD; Frequency: 1732.5 MHz
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.34 mho/m; εr = 38.7; ρ = 1000 kg/m3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:
ı Probe: EX3DV4 - SN3736; ConvF(8.34, 8.45, 8.84); Calibrated: 2010-11-16
ı Sensor-Surface: 4mm (Mechanical Surface Detection)
ı Electronics: DAE4 Sn851; Calibrated: 2010-6-30
ı Phantom: SAM2; Type: SAM; Serial: TP-1474
ı Measurement SW: DASY5, V5.2 Build 157; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685)
(Deployment Build)
U9000/head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.562 mW/g
U9000/head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
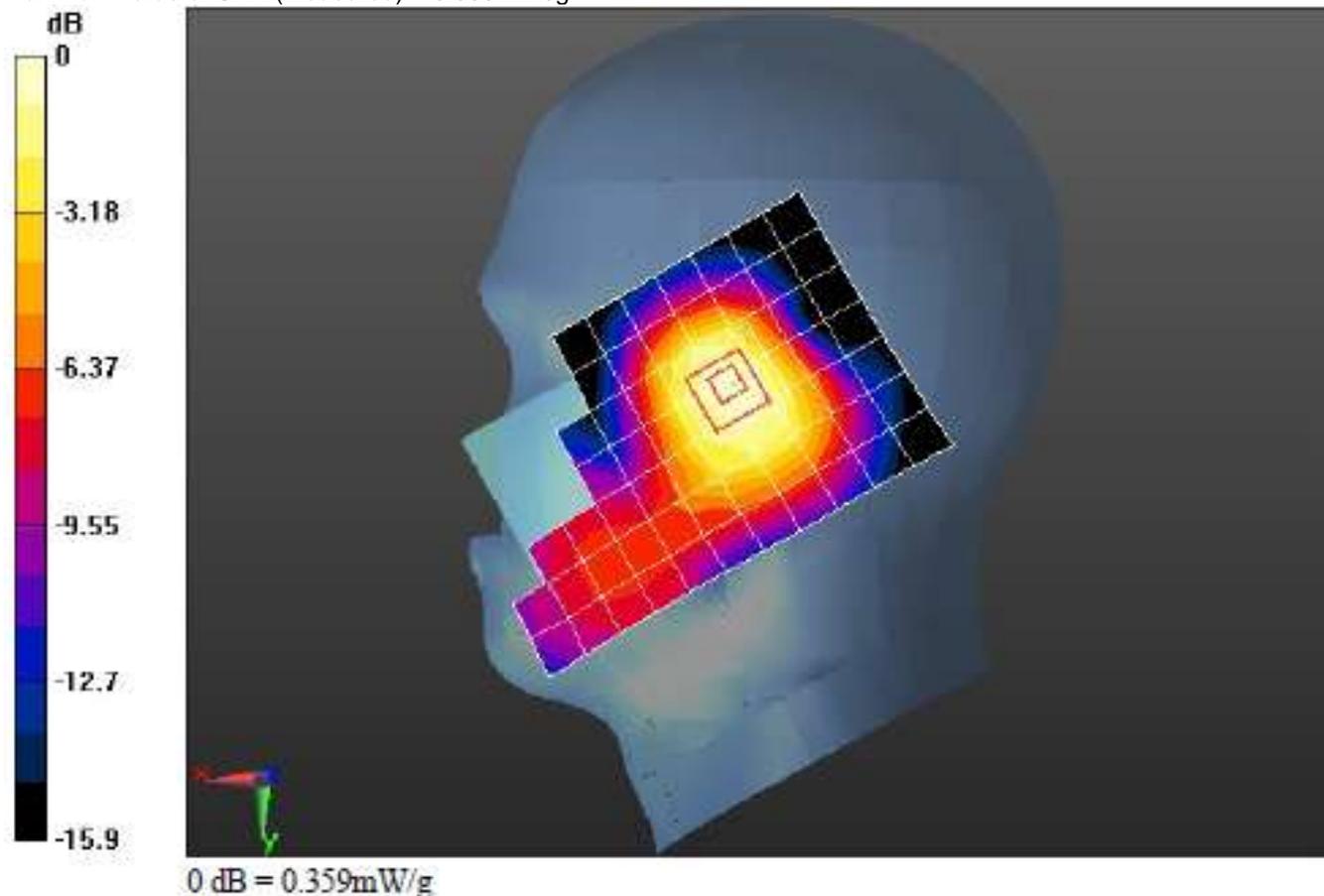Reference Value = 4.01 V/m; Power Drift = 0.039 dB
Peak SAR (extrapolated) = 0.755 W/kg
SAR(1 g) = 0.519 mW/g; SAR(10 g) = 0.334 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
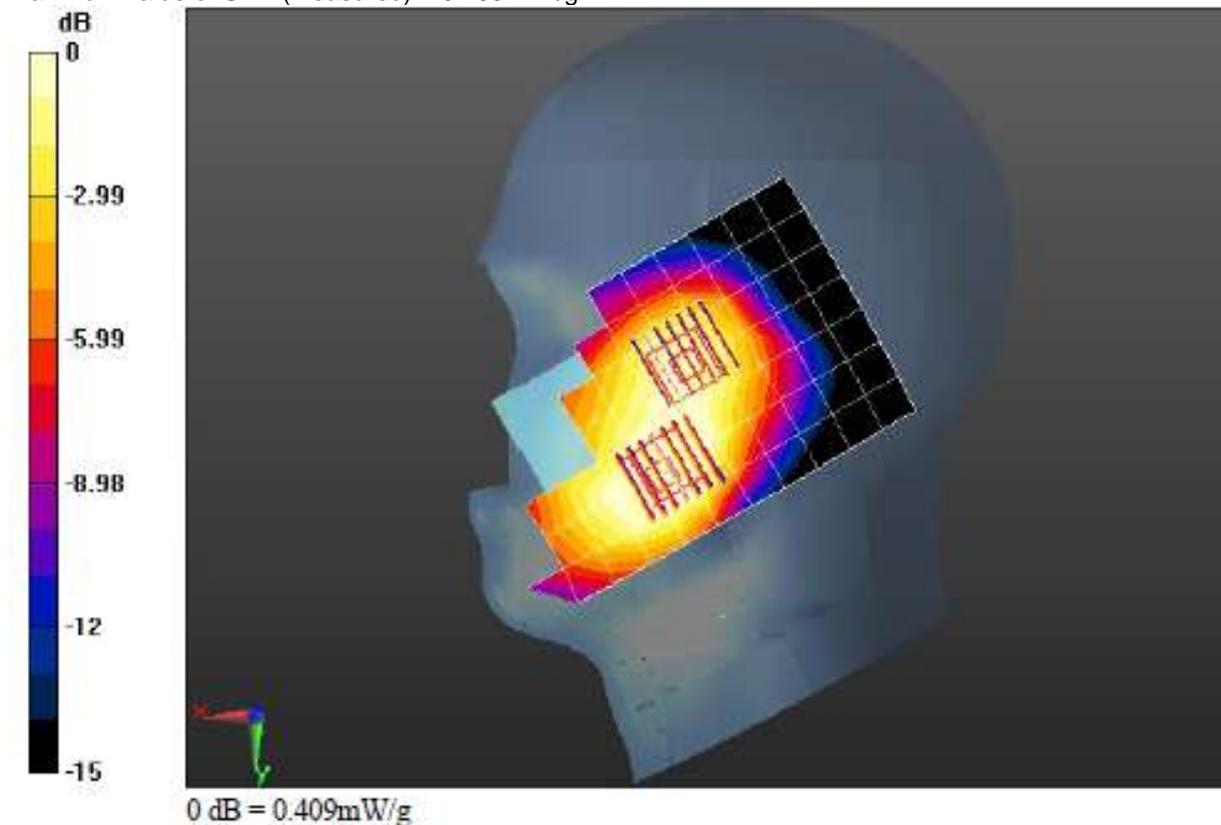Maximum value of SAR (measured) = 0.558 mW/g
U9000/head/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.01 V/m; Power Drift = 0.039 dB
Peak SAR (extrapolated) = 0.544 W/kg
SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.263 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.421 mW/g

0 dB = 0.421mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.2°C; liquid temperature: 21.7°C

Huawei Technologies Co.,Ltd.

Date/Time: 2010-12-15 4:43:45

P1528_OET65_EN62209- RightHandSide tilted 15° –WCDMA1700 Middle
DUT: HUAWEI U9000/U9000

Communication System: HW-UMTS-FDD; Frequency: 1732.5 MHz
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.34 mho/m; ε_r = 38.7; ρ = 1000 kg/m3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:
ɪProbe: EX3DV4 - SN3736; ConvF(8.34, 8.45, 8.84); Calibrated: 2010-11-16
ɪSensor-Surface: 4mm (Mechanical Surface Detection)
ɪElectronics: DAE4 Sn851; Calibrated: 2010-6-30
ɪPhantom: SAM2; Type: SAM; Serial: TP-1474
ɪMeasurement SW: DASY5, V5.2 Build 157; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685)
(Deployment Build)
U9000/head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.353 mW/g
U9000/head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.57 V/m; Power Drift = 0.059 dB
Peak SAR (extrapolated) = 0.472 W/kg
SAR(1 g) = 0.336 mW/g; SAR(10 g) = 0.220 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.359 mW/g

0 dB = 0.359mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.2°C; liquid temperature: 21.7°C

Huawei Technologies Co.,Ltd.

P1528_OET65_EN62209- RightHandSide touched –WCDMA1700 High
DUT: HUAWEI U9000/U9000

Communication System: HW-UMTS-FDD; Frequency: 1752.6 MHz
Medium parameters used (interpolated): f = 1752.6 MHz; σ = 1.36 mho/m; εr = 38.6; ρ = 1000 kg/m3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:
ı Probe: EX3DV4 - SN3736; ConvF(8.34, 8.45, 8.84); Calibrated: 2010-11-16
ı Sensor-Surface: 4mm (Mechanical Surface Detection)
ı Electronics: DAE4 Sn851; Calibrated: 2010-6-30
ı Phantom: SAM2; Type: SAM; Serial: TP-1474
ı Measurement SW: DASY5, V5.2 Build 157; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685)
(Deployment Build)
U9000/head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
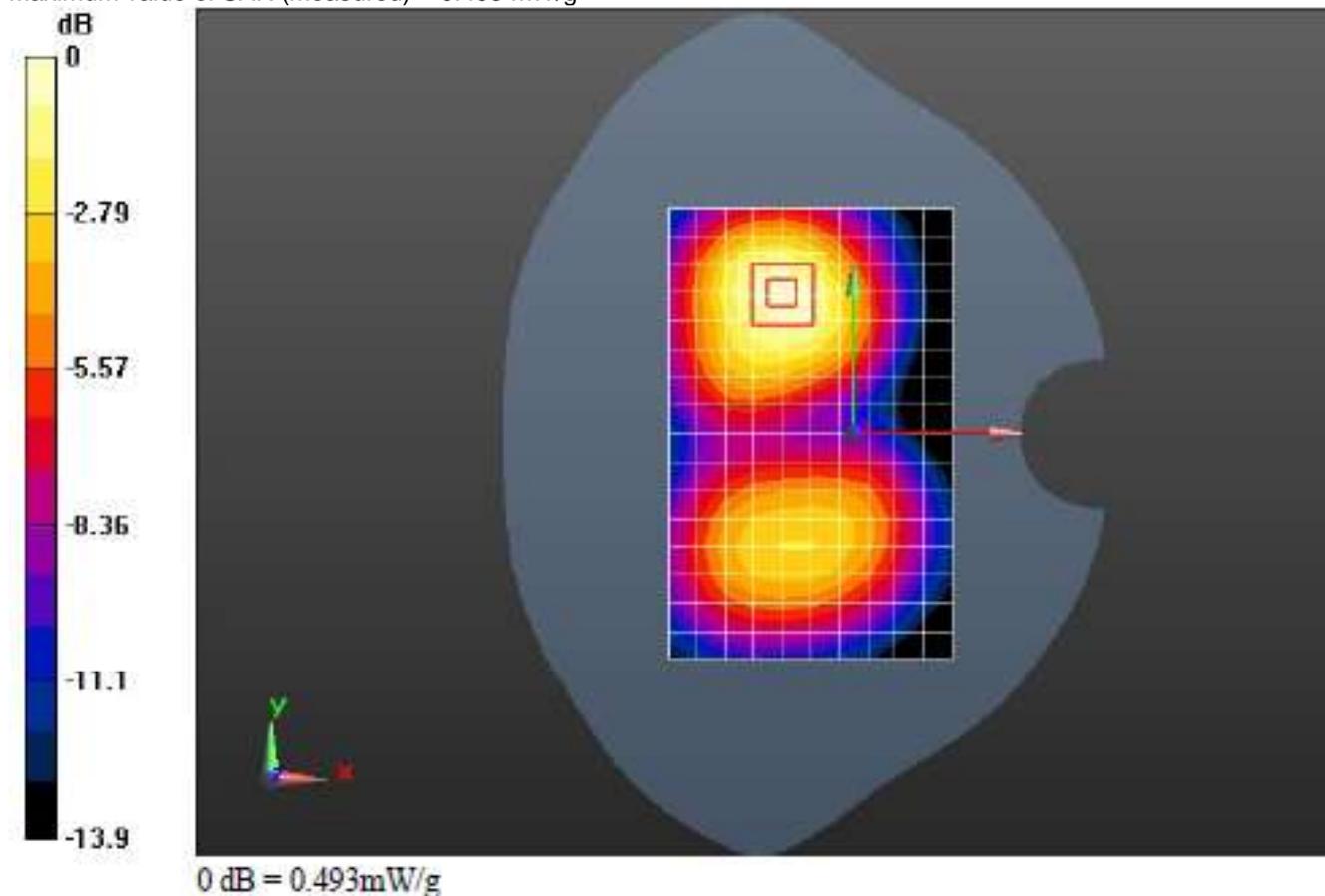Maximum value of SAR (measured) = 0.570 mW/g
U9000/head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.85 V/m; Power Drift = 0.060 dB
Peak SAR (extrapolated) = 0.786 W/kg
SAR(1 g) = 0.533 mW/g; SAR(10 g) = 0.342 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.574 mW/g
U9000/head/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.85 V/m; Power Drift = 0.060 dB
Peak SAR (extrapolated) = 0.540 W/kg
SAR(1 g) = 0.380 mW/g; SAR(10 g) = 0.257 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.409 mW/g

0 dB = 0.409mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.2°C; liquid temperature: 21.7°C

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Date/Time: 2010-12-15 4:09:58

P1528_OET65_EN62209- RightHandSide touched –WCDMA1700 Low
DUT: HUAWEI U9000/U9000
Communication System: HW-UMTS-FDD; Frequency: 1712.4 MHz
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.33 mho/m; $ε_r$ = 38.7; ρ = 1000 kg/m3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:
ιProbe: EX3DV4 - SN3736; ConvF(8.34, 8.45, 8.84); Calibrated: 2010-11-16
ιSensor-Surface: 4mm (Mechanical Surface Detection)
ιElectronics: DAE4 Sn851; Calibrated: 2010-6-30
ιPhantom: SAM2; Type: SAM; Serial: TP-1474
ιMeasurement SW: DASY5, V5.2 Build 157; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685)
(Deployment Build)
U9000/head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
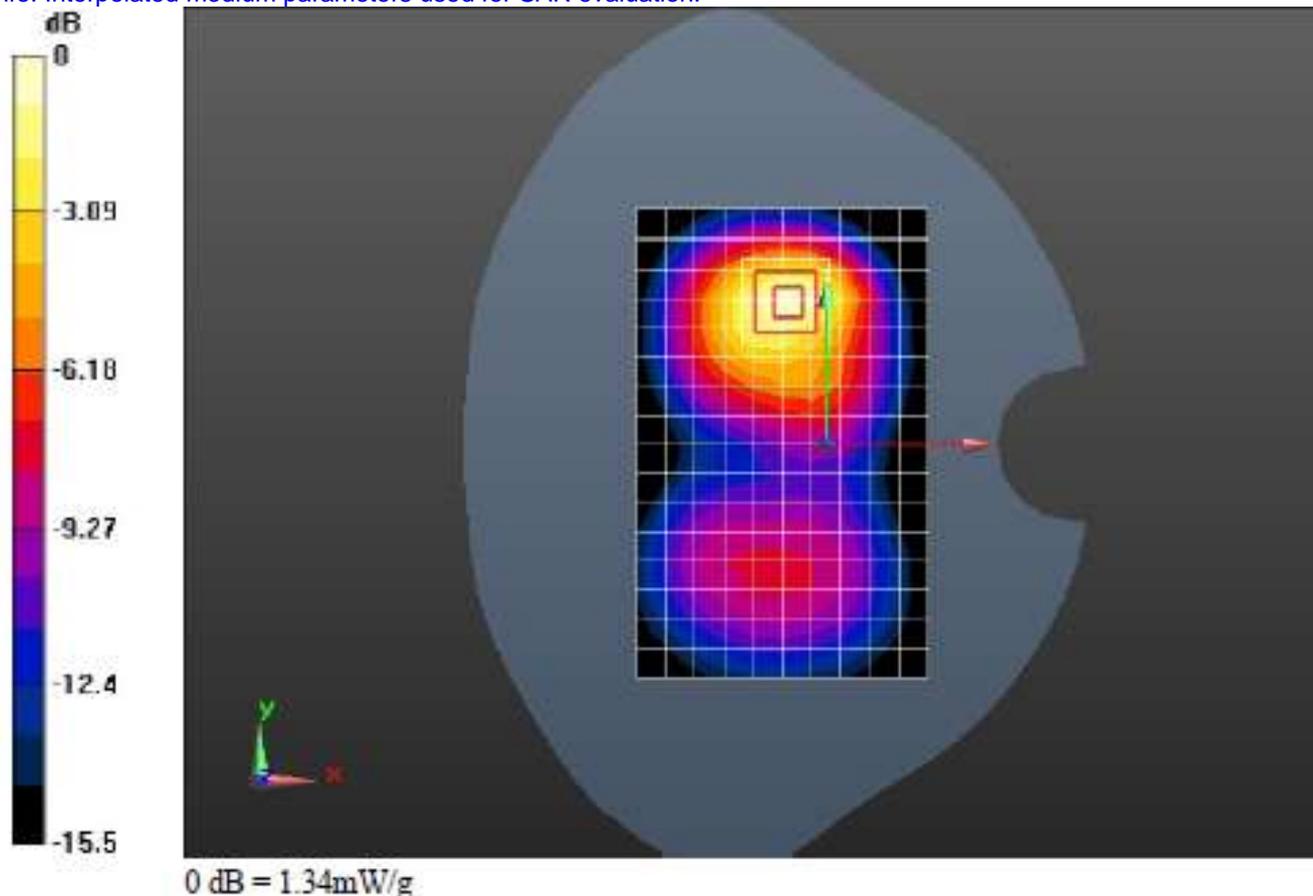Maximum value of SAR (measured) = 0.528 mW/g
U9000/head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.03 V/m; Power Drift = -0.162 dB
Peak SAR (extrapolated) = 0.714 W/kg
SAR(1 g) = 0.494 mW/g; SAR(10 g) = 0.321 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
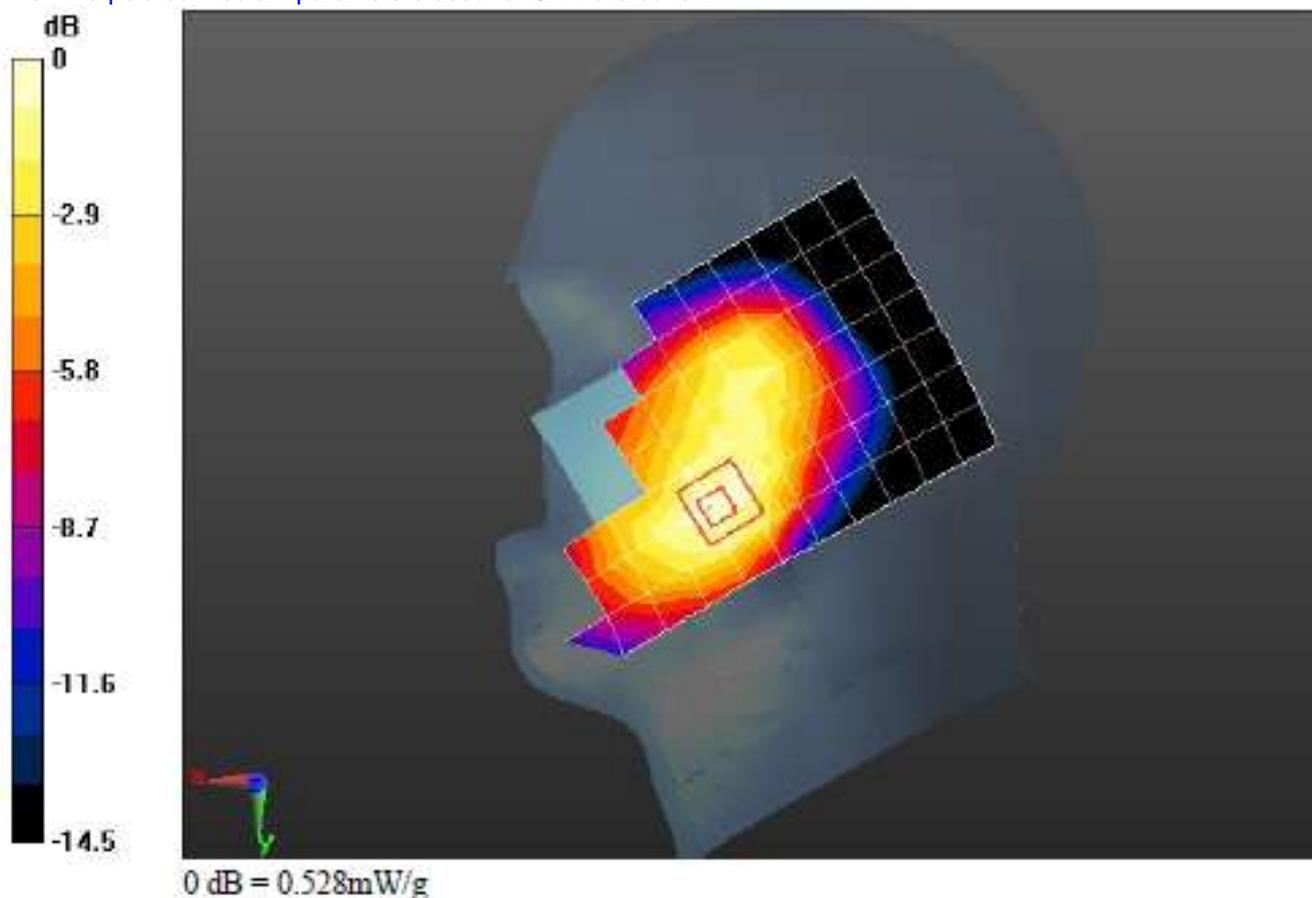
0 dB = 0.528mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.2°C; liquid temperature: 21.7°C

Annex 2.8   WCDMA 1700 MHz Body

Date/Time: 2010-12-20 10:26:37

P1528_OET65_EN62209- towards phantom- WCDMA1700 Middle
DUT: HUAWEI U9000/U9000
Communication System: HW-UMTS-FDD; Frequency: 1732.5 MHz
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.43 mho/m; ε_r = 52.9; ρ = 1000 kg/m3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:
ιProbe: EX3DV4 - SN3736; ConvF(7.74, 7.87, 8.26); Calibrated: 2010-11-16
ιSensor-Surface: 4mm (Mechanical Surface Detection)
ιElectronics: DAE4 Sn851; Calibrated: 2010-6-30
ιPhantom: SAM1; Type: SAM; Serial: TP-1475
ιMeasurement SW: DASY5, V5.2 Build 157; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685)
(Deployment Build)
U9000/Body/Area Scan (11x17x1): Measurement grid: dx=10mm, dy=10mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.495 mW/g
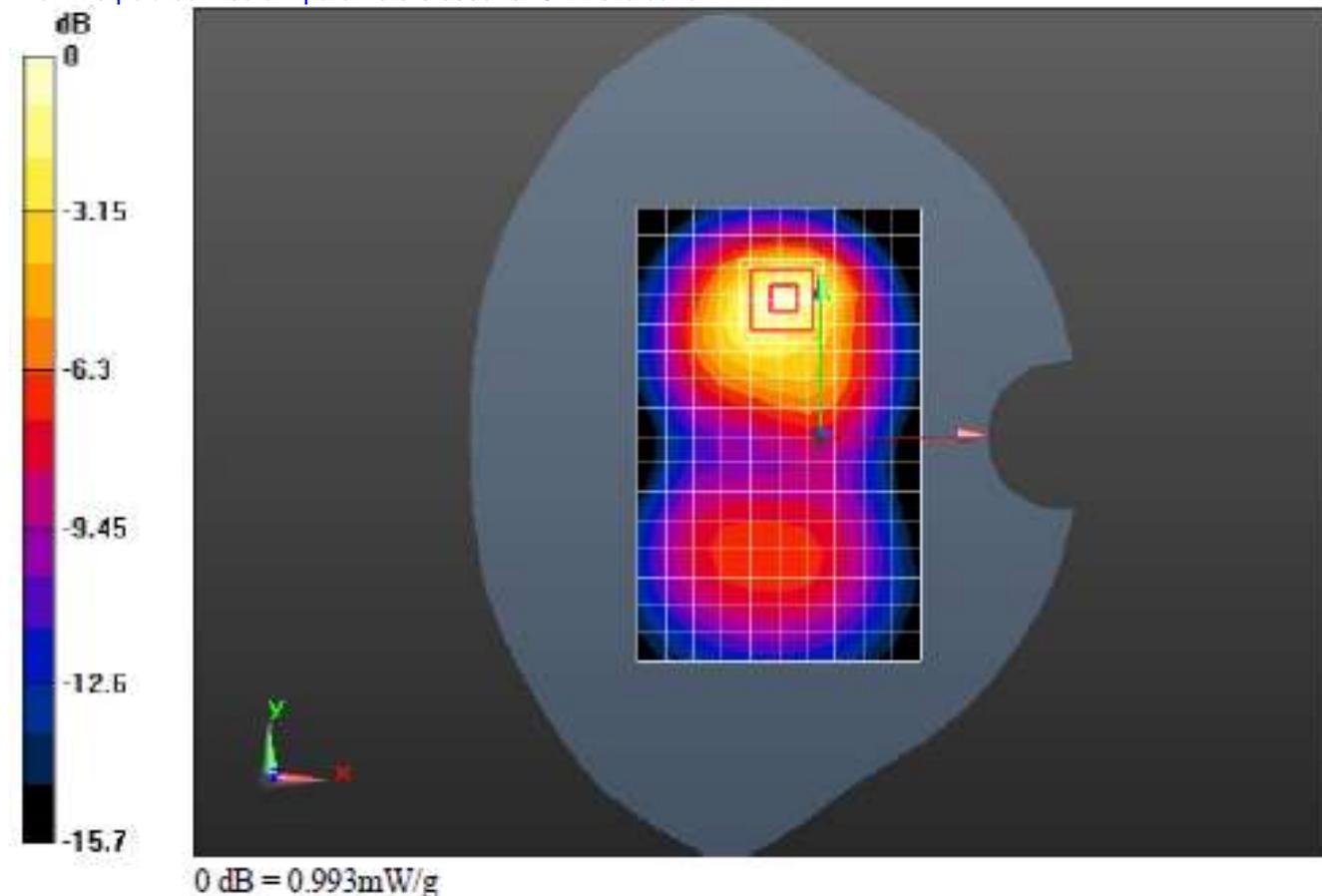**U9000/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.8 V/m; Power Drift = -0.091 dB
Peak SAR (extrapolated) = 0.695 W/kg
SAR(1 g) = 0.452 mW/g; SAR(10 g) = 0.278 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.493 mW/g

0 dB = 0.493mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :15 mm
ambient temperature: 22.3°C; liquid temperature: 21.6°C

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P1528_OET65_EN62209- towards ground- WCDMA1700 Middle
DUT: HUAWEI U9000/U9000

Communication System: HW-UMTS-FDD; Frequency: 1732.5 MHz
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.43 mho/m; $ε_r$ = 52.9; ρ = 1000 kg/m3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:
ı Probe: EX3DV4 - SN3736; ConvF(7.74, 7.87, 8.26); Calibrated: 2010-11-16
ı Sensor-Surface: 4mm (Mechanical Surface Detection)
ı Electronics: DAE4 Sn851; Calibrated: 2010-6-30
ı Phantom: SAM1; Type: SAM; Serial: TP-1475
ı Measurement SW: DASY5, V5.2 Build 157; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685)
(Deployment Build)
U9000/Body/Area Scan (11x17x1): Measurement grid: dx=10mm, dy=10mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.34 mW/g
U9000/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
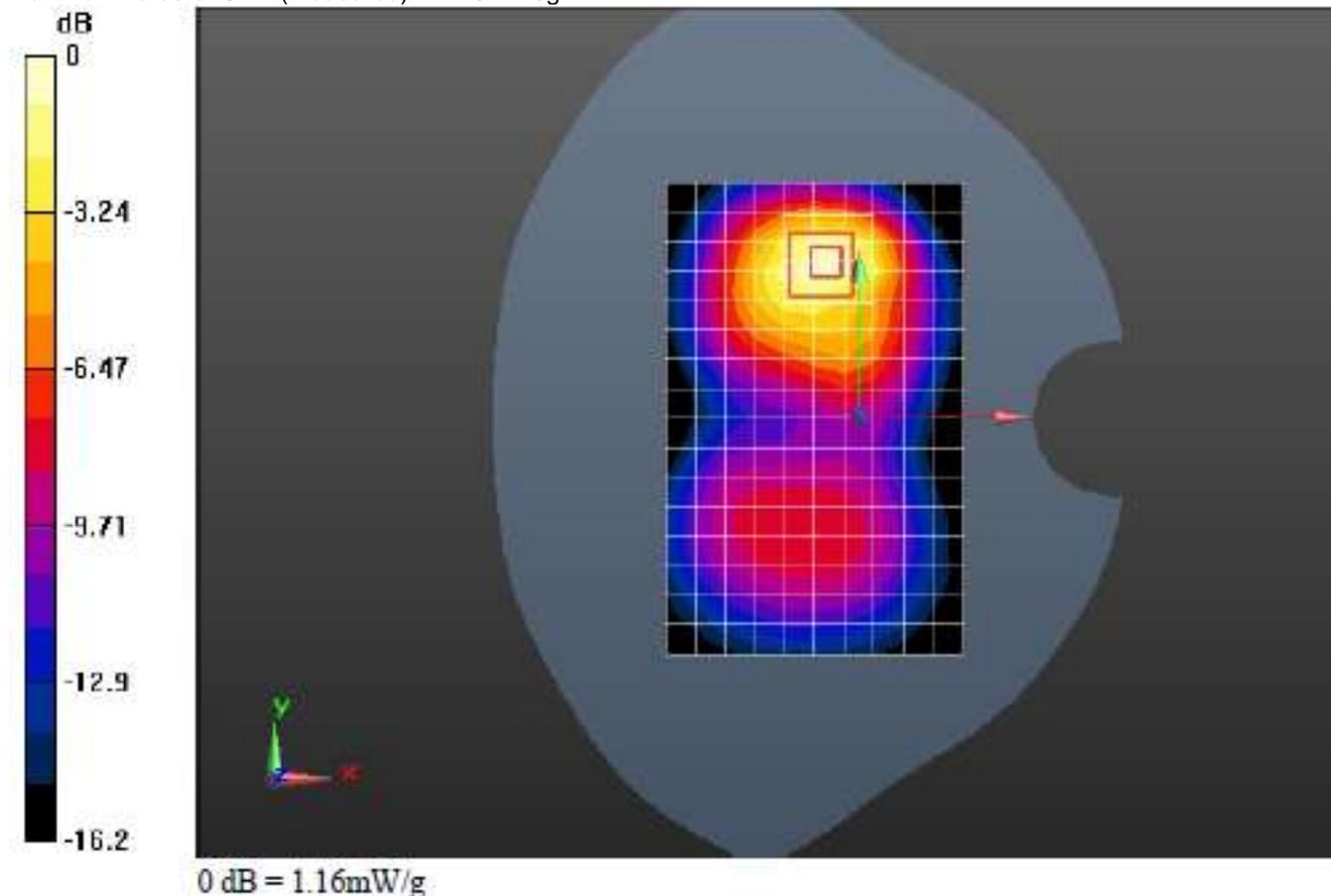Reference Value = 9.43 V/m; Power Drift = -0.032 dB
Peak SAR (extrapolated) = 1.92 W/kg
SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.666 mW/g
Info: Interpolated medium parameters used for SAR evaluation.

0 dB = 1.34mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :15 mm
ambient temperature: 22.3°C; liquid temperature: 21.6°C

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Date/Time: 2010-12-20 11:43:55

P1528_OET65_EN62209- towards ground- WCDMA1700 High
DUT: HUAWEI U9000/U9000

Communication System: HW-UMTS-FDD; Frequency: 1752.6 MHz
Medium parameters used (interpolated): f = 1752.6 MHz; σ = 1.45 mho/m; εr = 52.9; ρ = 1000 kg/m3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:
ıProbe: EX3DV4 - SN3736; ConvF(7.74, 7.87, 8.26); Calibrated: 2010-11-16
ıSensor-Surface: 4mm (Mechanical Surface Detection)
ıElectronics: DAE4 Sn851; Calibrated: 2010-6-30
ıPhantom: SAM1; Type: SAM; Serial: TP-1475
ıMeasurement SW: DASY5, V5.2 Build 157; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685)
(Deployment Build)
U9000/Body/Area Scan (11x17x1): Measurement grid: dx=10mm, dy=10mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.993 mW/g
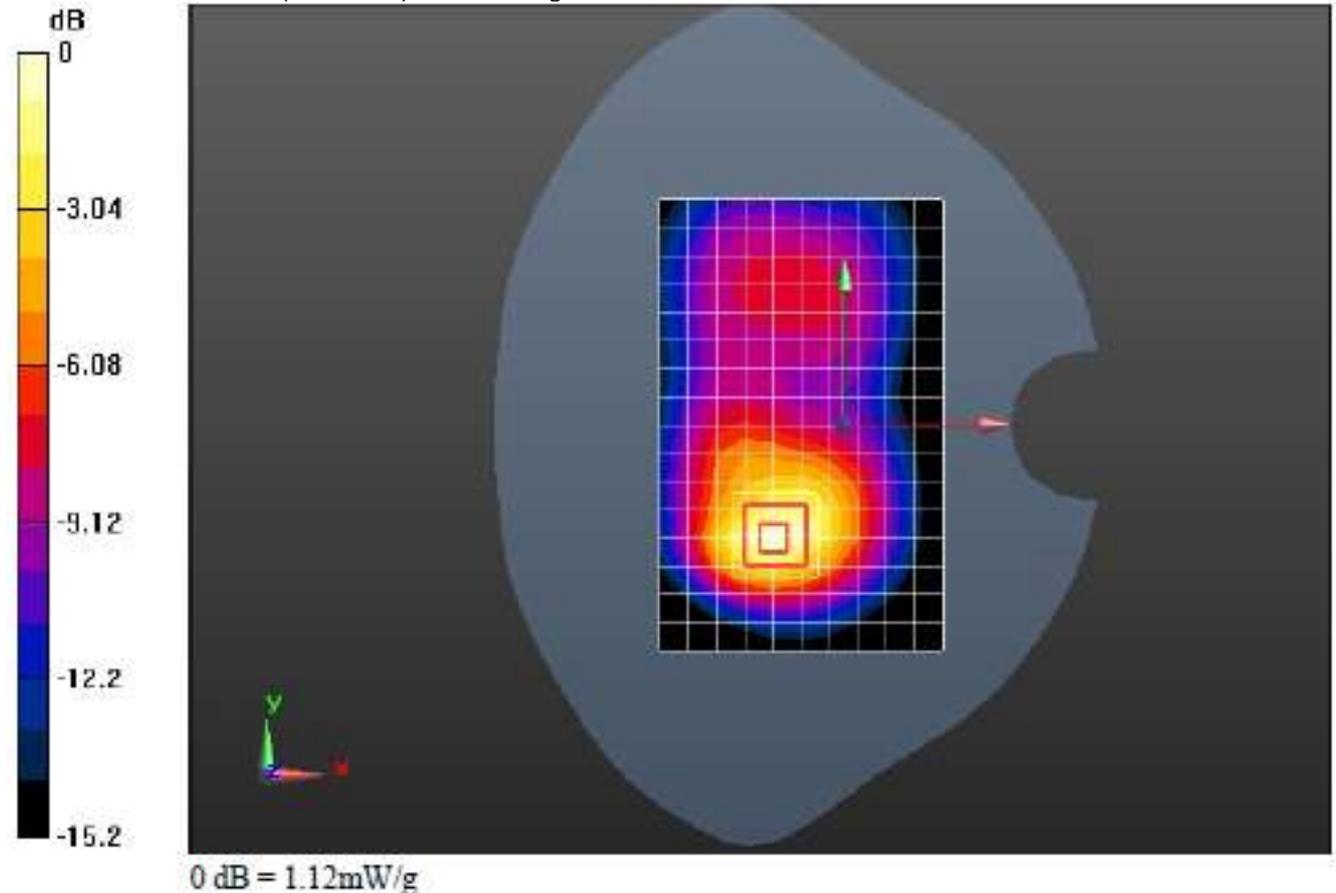**U9000/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.66 V/m; Power Drift = -0.135 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.893 mW/g; SAR(10 g) = 0.504 mW/g
Info: Interpolated medium parameters used for SAR evaluation.

0 dB = 0.993mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :15 mm
ambient temperature: 22.3°C; liquid temperature: 21.6°C

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Date/Time: 2010-12-20 12:17:35

P1528_OET65_EN62209- towards ground- WCDMA1700 Low
DUT: HUAWEI U9000/U9000
Communication System: HW-UMTS-FDD; Frequency: 1712.4 MHz
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.42 mho/m; εr = 53; ρ = 1000 kg/m3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:
ιProbe: EX3DV4 - SN3736; ConvF(7.74, 7.87, 8.26); Calibrated: 2010-11-16
ιSensor-Surface: 4mm (Mechanical Surface Detection)
ιElectronics: DAE4 Sn851; Calibrated: 2010-6-30
ιPhantom: SAM1; Type: SAM; Serial: TP-1475
ιMeasurement SW: DASY5, V5.2 Build 157; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685)
(Deployment Build)
U9000/Body/Area Scan (11x17x1): Measurement grid: dx=10mm, dy=10mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.24 mW/g
**U9000/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.36 V/m; Power Drift = -0.027 dB
Peak SAR (extrapolated) = 1.77 W/kg
SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.626 mW/g
Info: Interpolated medium parameters used for SAR evaluation
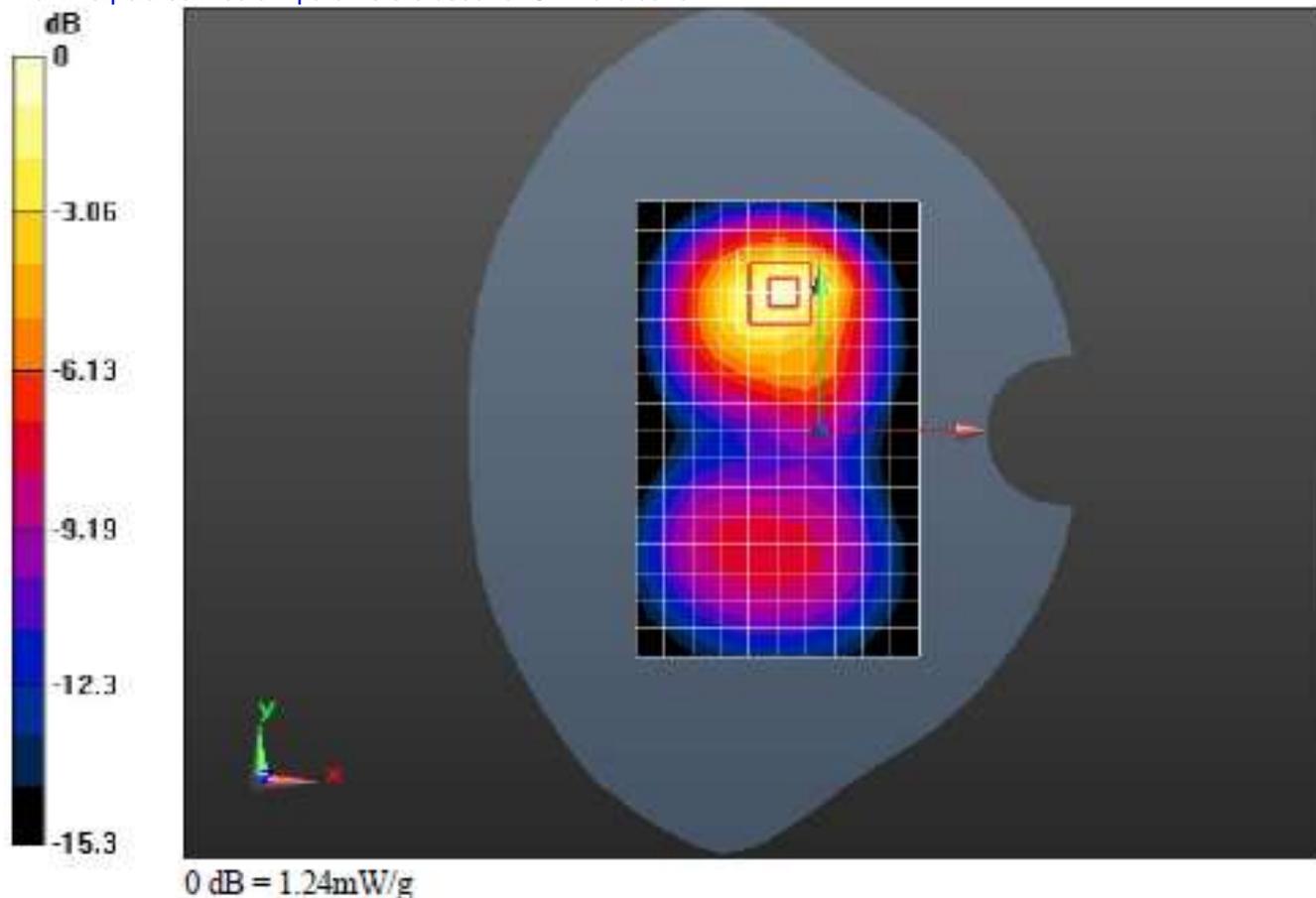
0 dB = 1.24mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :15 mm
ambient temperature: 22.3°C; liquid temperature: 21.6°C

Huawei Technologies Co.,Ltd.

Date/Time: 2010-12-20 14:25:04

P1528_OET65_EN62209- towards ground with HSDPA - WCDMA1700 Middle
DUT: HUAWEI U9000/U9000

Communication System: HW-UMTS-FDD; Frequency: 1732.5 MHz
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.43 mho/m; $ε_r$ = 52.9; ρ = 1000 kg/m3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:
ı Probe: EX3DV4 - SN3736; ConvF(7.74, 7.87, 8.26); Calibrated: 2010-11-16
ı Sensor-Surface: 4mm (Mechanical Surface Detection)
ı Electronics: DAE4 Sn851; Calibrated: 2010-6-30
ı Phantom: SAM1; Type: SAM; Serial: TP-1475
ı Measurement SW: DASY5, V5.2 Build 157; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685)
(Deployment Build)
U9000/Body/Area Scan (11x17x1): Measurement grid: dx=10mm, dy=10mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.09 mW/g
U9000/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.67 V/m; Power Drift = -0.185 dB
Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.579 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.16 mW/g

0 dB = 1.16mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :15 mm
ambient temperature: 22.3°C; liquid temperature: 21.6°C

Huawei Technologies Co.,Ltd.

Date/Time: 2010-12-20 15:28:09

P1528_OET65_EN62209- towards ground with Headset - WCDMA1700 Middle
DUT: HUAWEI U9000/U9000

Communication System: HW-UMTS-FDD; Frequency: 1732.5 MHz
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.43 mho/m; ε_r = 52.9; ρ = 1000 kg/m3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:
ıProbe: EX3DV4 - SN3736; ConvF(7.74, 7.87, 8.26); Calibrated: 2010-11-16
ıSensor-Surface: 4mm (Mechanical Surface Detection)
ıElectronics: DAE4 Sn851; Calibrated: 2010-6-30
ıPhantom: SAM1; Type: SAM; Serial: TP-1475
ıMeasurement SW: DASY5, V5.2 Build 157; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685)
(Deployment Build)
U9000/Body/Area Scan (11x17x1): Measurement grid: dx=10mm, dy=10mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.13 mW/g
U9000/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.1 V/m; Power Drift = -0.072 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.564 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.12 mW/g

0 dB = 1.12mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :15 mm
ambient temperature: 22.3°C; liquid temperature: 21.6°C

Huawei Technologies Co.,Ltd.

Date/Time: 2010-12-20 16:27:18

P1528_OET65_EN62209- towards ground with Bluetooth Headset - WCDMA1700 Middle
DUT: HUAWEI U9000/U9000

Communication System: HW-UMTS-FDD; Frequency: 1732.5 MHz

Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.43 mho/m; ε_r = 52.9; ρ = 1000 kg/m3

Phantom section: Flat Section

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

DASY5 Configuration:

ı Probe: EX3DV4 - SN3736; ConvF(7.74, 7.87, 8.26); Calibrated: 2010-11-16

ı Sensor-Surface: 4mm (Mechanical Surface Detection)

ı Electronics: DAE4 Sn851; Calibrated: 2010-6-30

ı Phantom: SAM1; Type: SAM; Serial: TP-1475

ı Measurement SW: DASY5, V5.2 Build 157; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685) (Deployment Build)

U9000/Body/Area Scan (11x17x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.14 mW/g

U9000/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.71 V/m; Power Drift = 0.099 dB

Peak SAR (extrapolated) = 1.7 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.585 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.18 mW/g
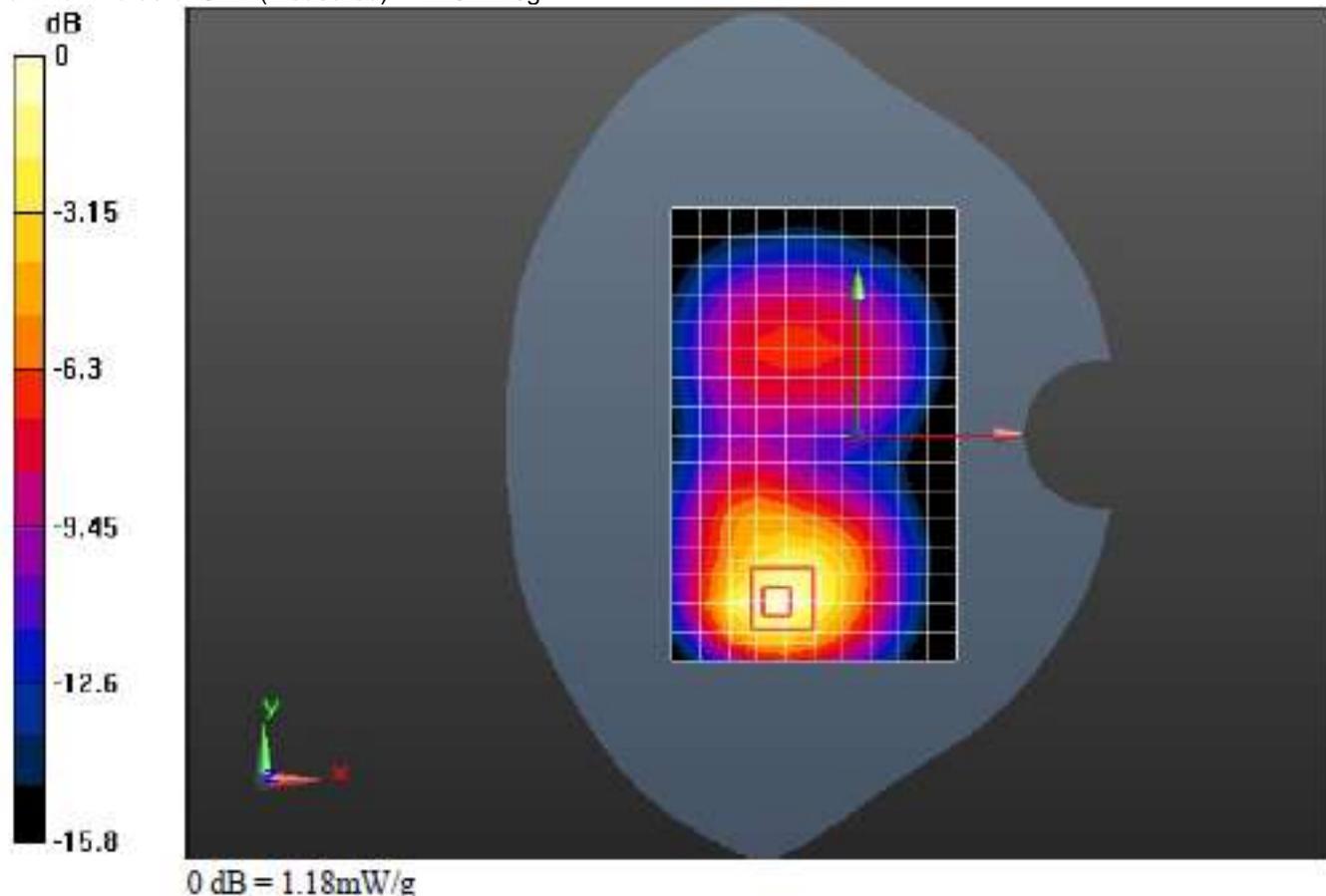
0 dB = 1.18mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) :15 mm

ambient temperature: 22.3°C; liquid temperature: 21.6°C

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Annex 2.9   Z-axis scans
GSM 1900 Head:
HUAWEI U9000/U9000
LeftHandSide touched -GSM1900 Channel 661
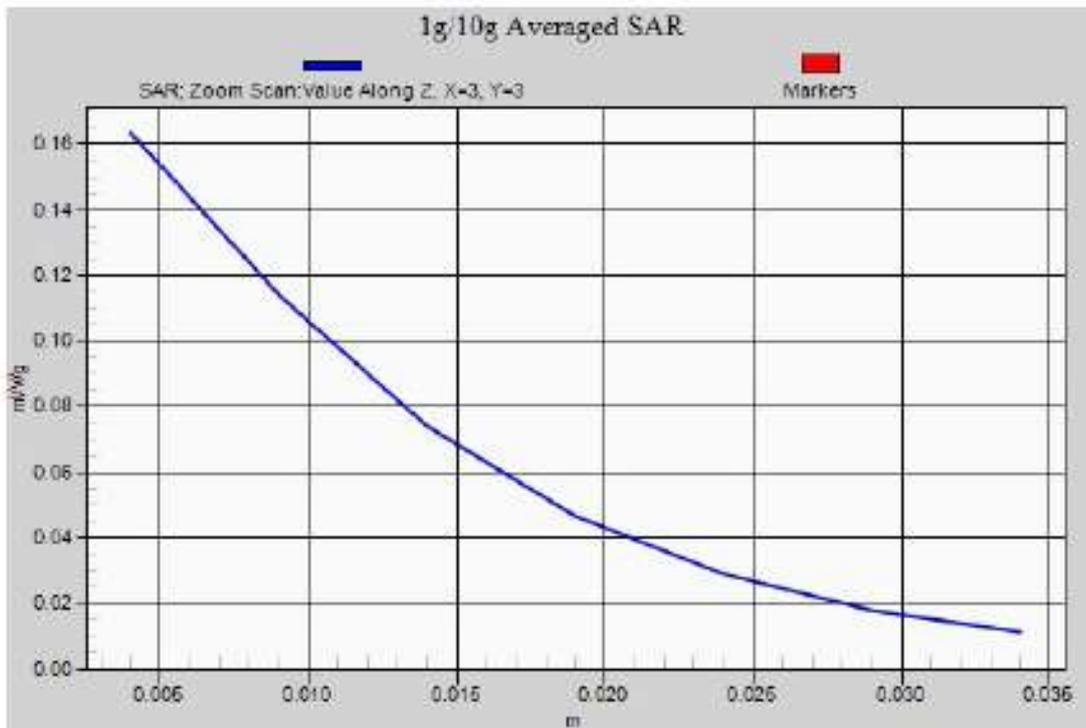
LeftHandSide tilted 15° -GSM1900 Channel 661

RightHandSide touched -GSM1900 Channel 661

RightHandSide tilted 15° -GSM1900 Channel 661

Huawei Technologies Co.,Ltd.
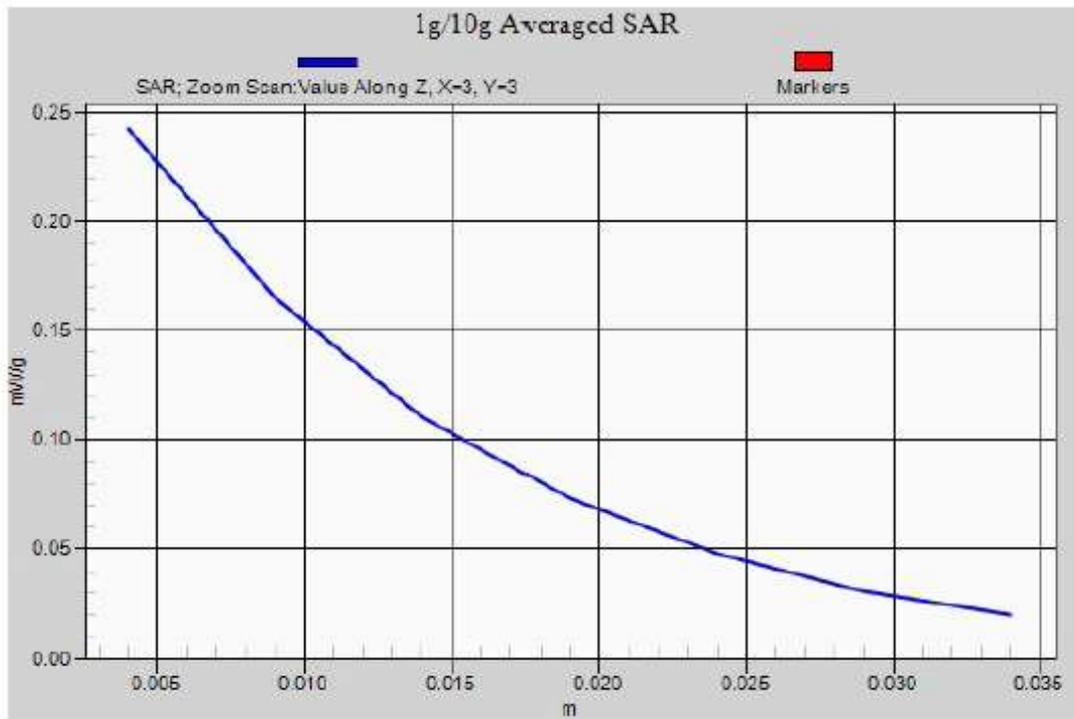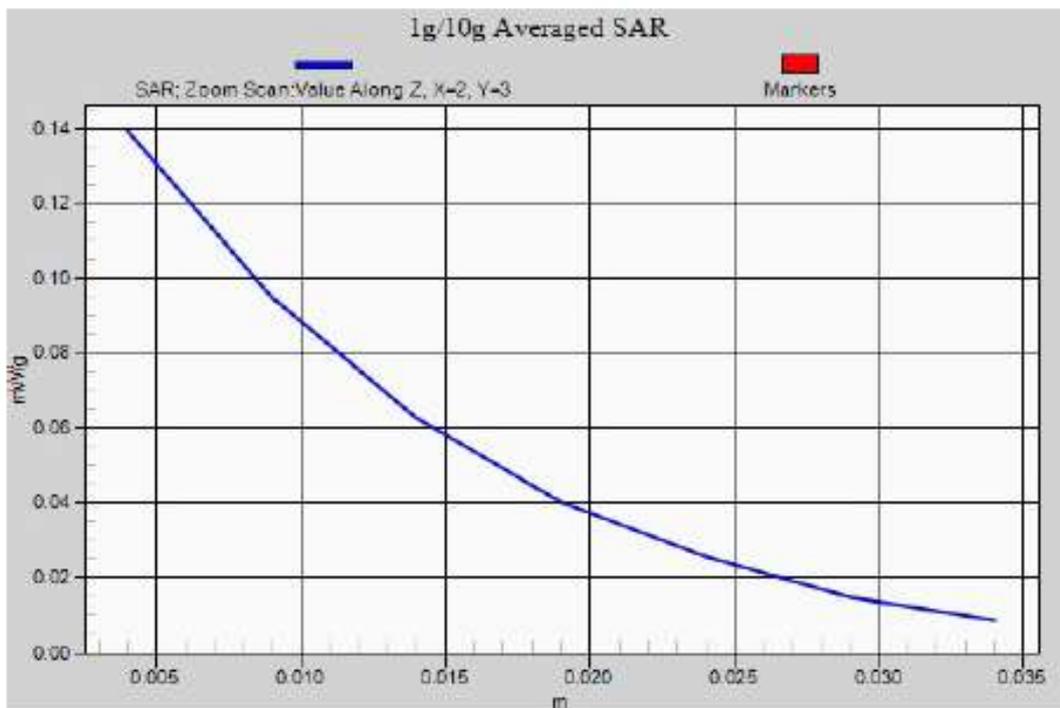
RightHandSide touched -GSM1900 Channel 810
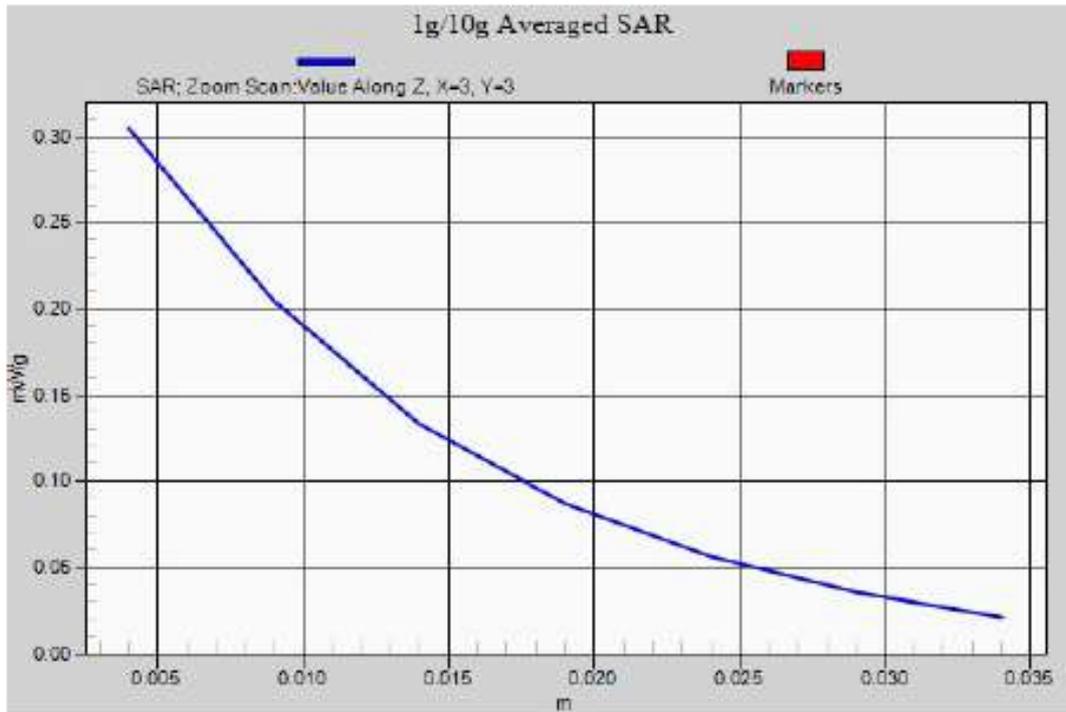
RightHandSide touched -GSM1900 Channel 512
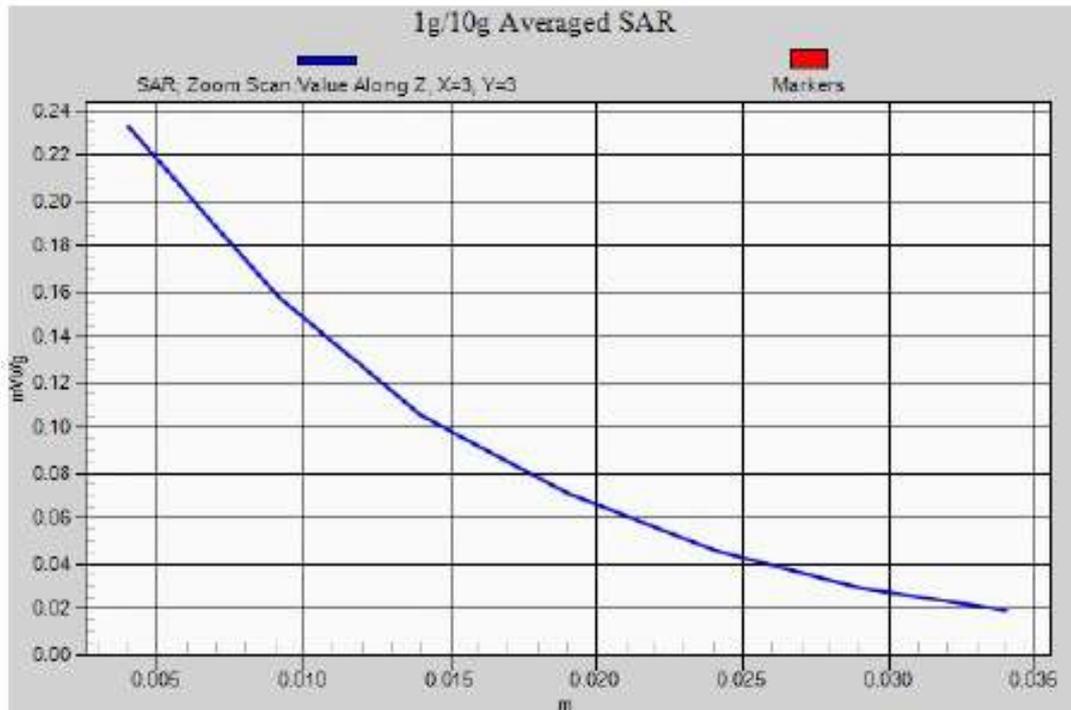
LeftHandSide touched -GSM1900 GPRS 1TS Channel 661
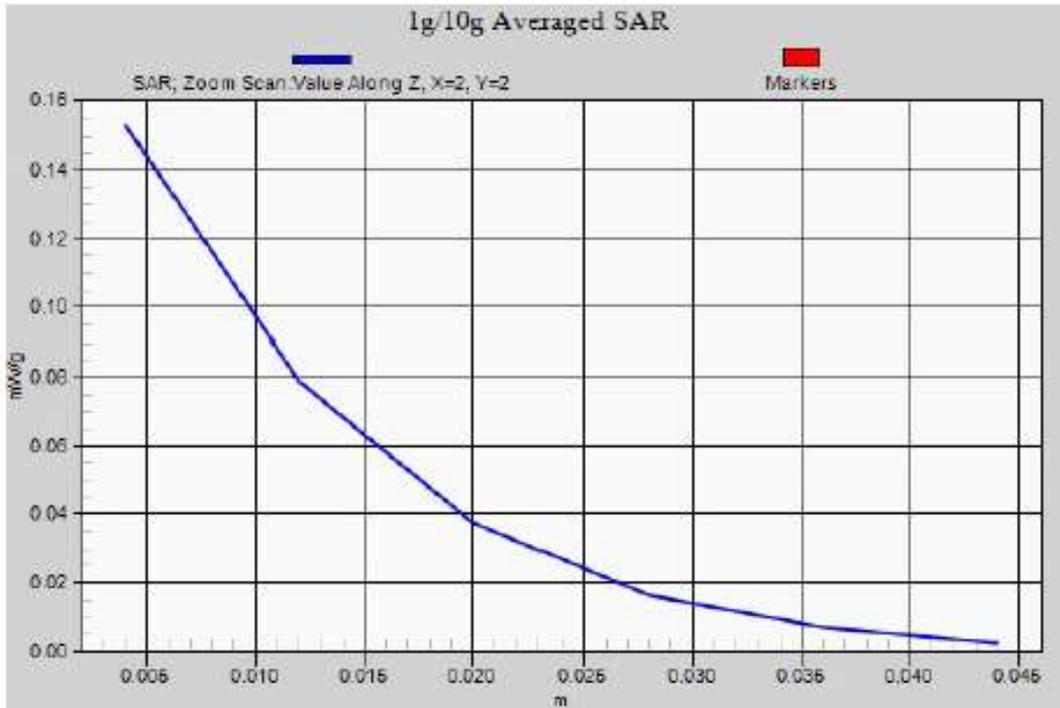
LeftHandSide tilted 15° -GSM1900 GPRS 1TS Channel 661

RightHandSide touched -GSM1900 GPRS 1TS Channel 661

RightHandSide tilted 15° -GSM1900 GPRS 1TS Channel 661

RightHandSide touched -GSM1900 GPRS 1TS Channel 810

RightHandSide touched -GSM1900 GPRS 1TS Channel 512

RightHandSide touched -GSM1900 EGPRS 1TS Channel 810

GSM1900 Body:
HUAWEI U9000/U9000
Towards phantom- GSM1900 GPRS 1TS Channel 661

Towards ground- GSM1900 GPRS 1TS Channel 661
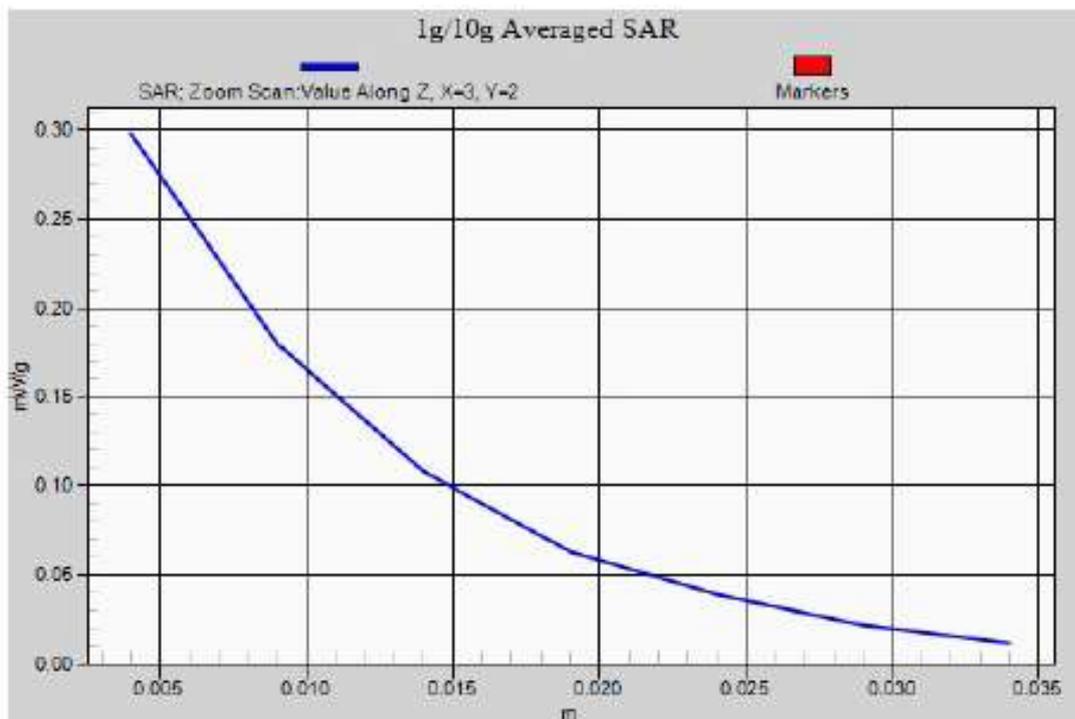
Towards ground- GSM1900 GPRS 2TS Channel 661
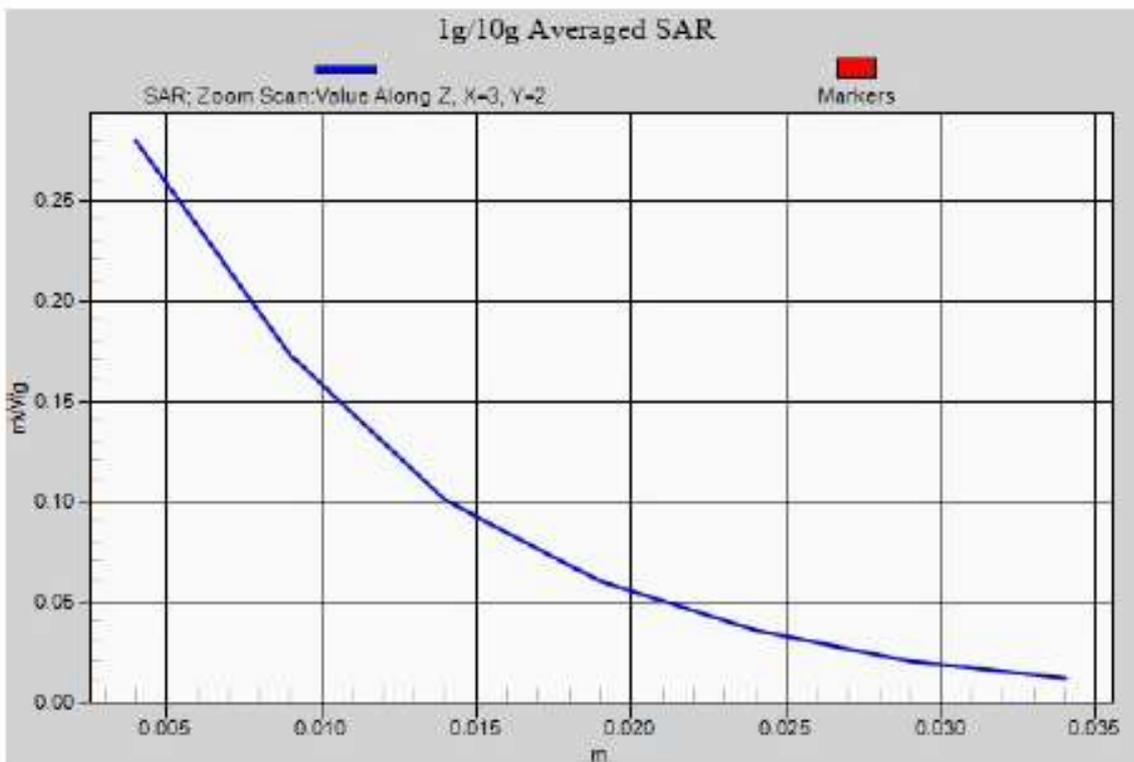
Towards ground- GSM1900 GPRS 3TS Channel 661
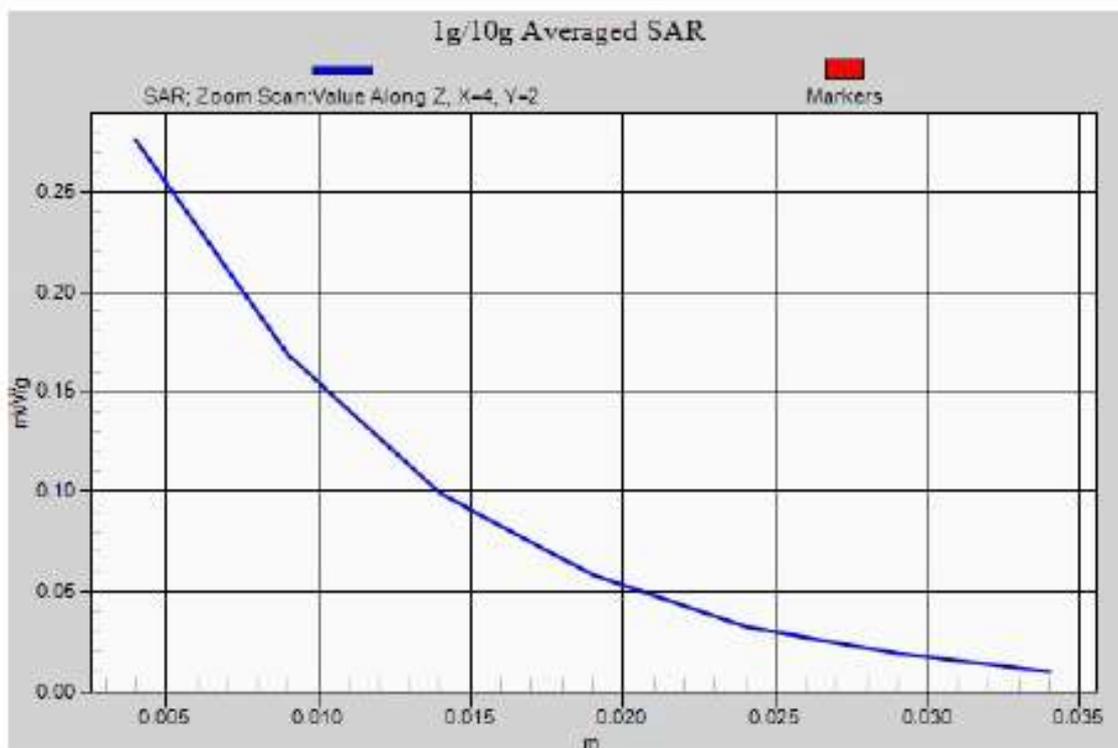
Towards ground- GSM1900 GPRS 4TS Channel 661
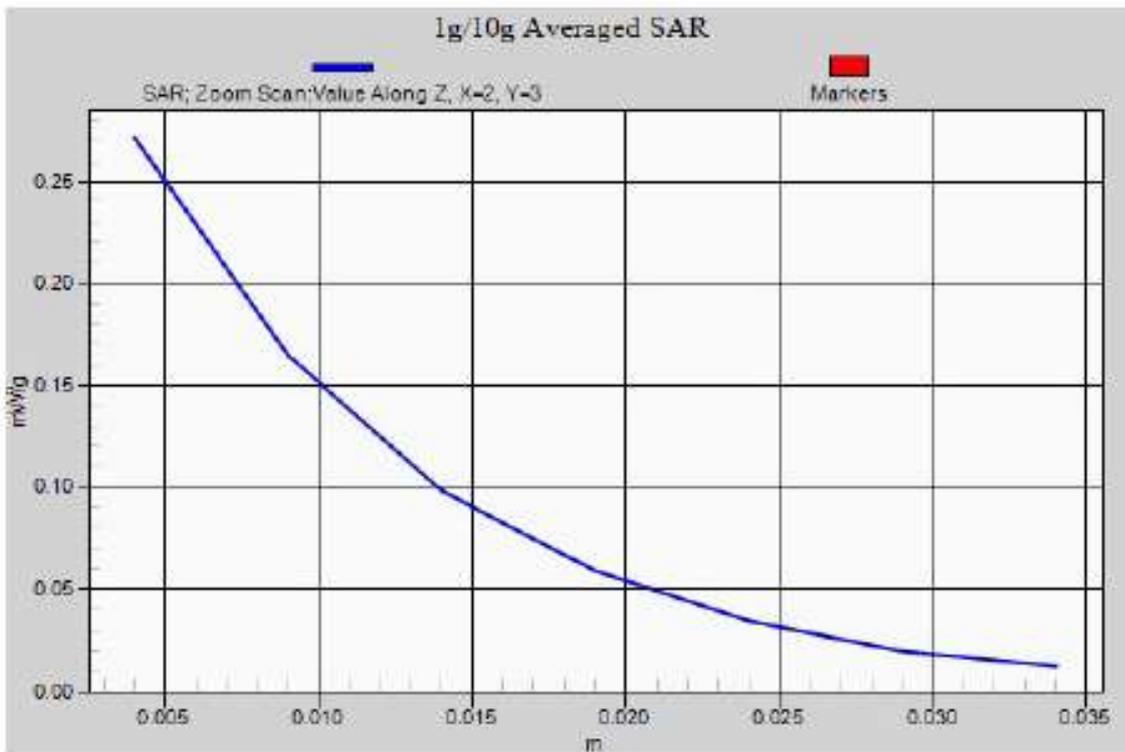
Towards ground- GSM1900 GPRS 1TS Channel 810
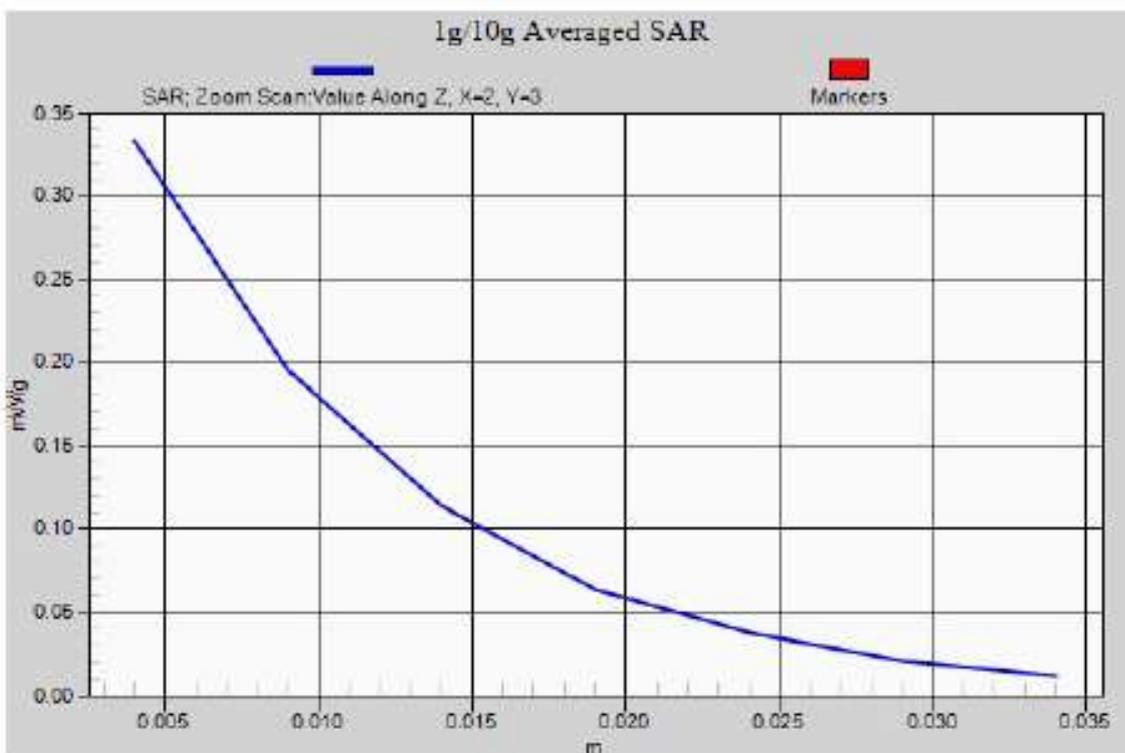
Towards ground- GSM1900 GPRS 1TS Channel 512
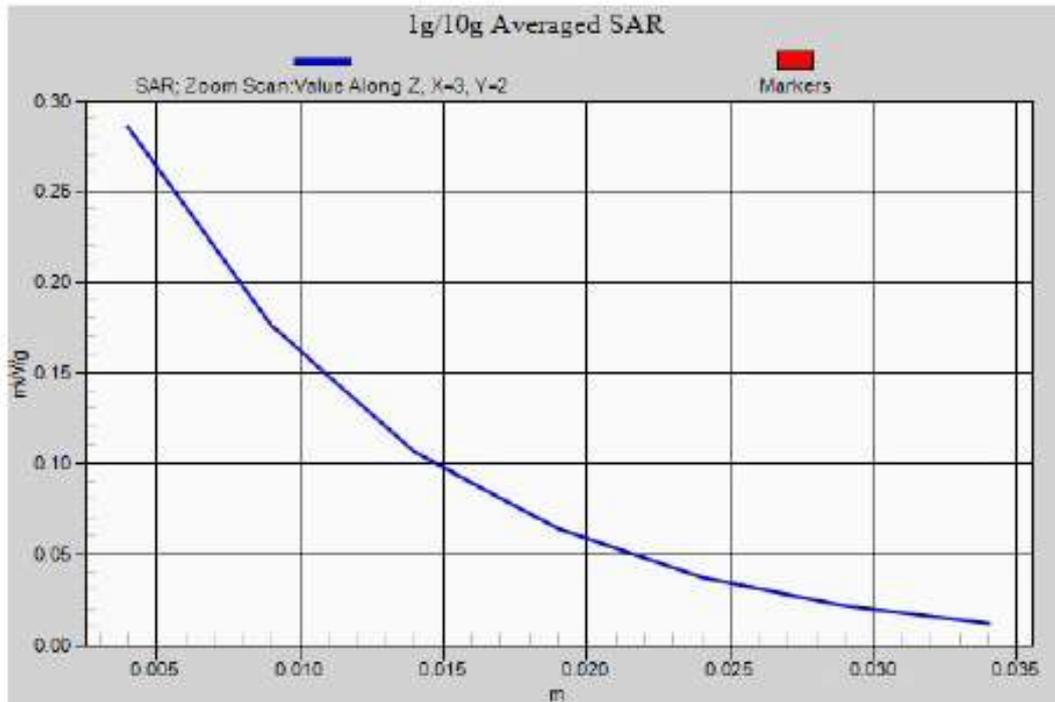
Towards ground- GSM1900 EGPRS 1TS Channel 661
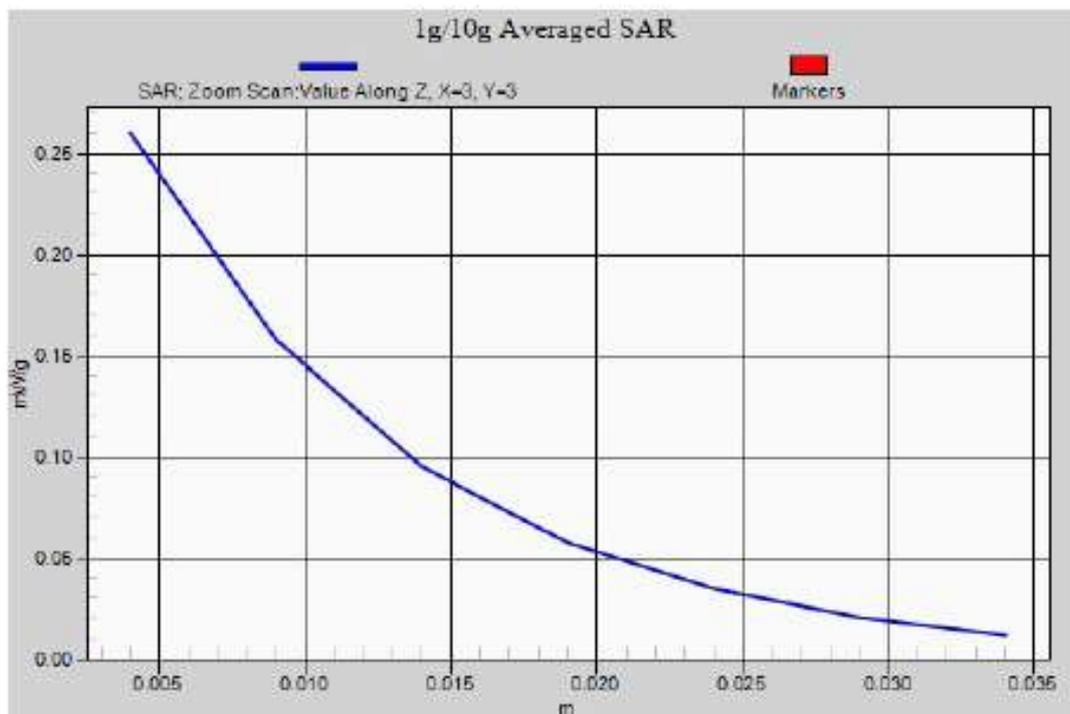
Towards ground- GSM1900 EGPRS 2TS Channel 661

Towards ground- GSM1900 EGPRS 3TS Channel 661

Towards ground- GSM1900 EGPRS 4TS Channel 661

Towards ground- GSM1900 EGPRS 1TS Channel 810
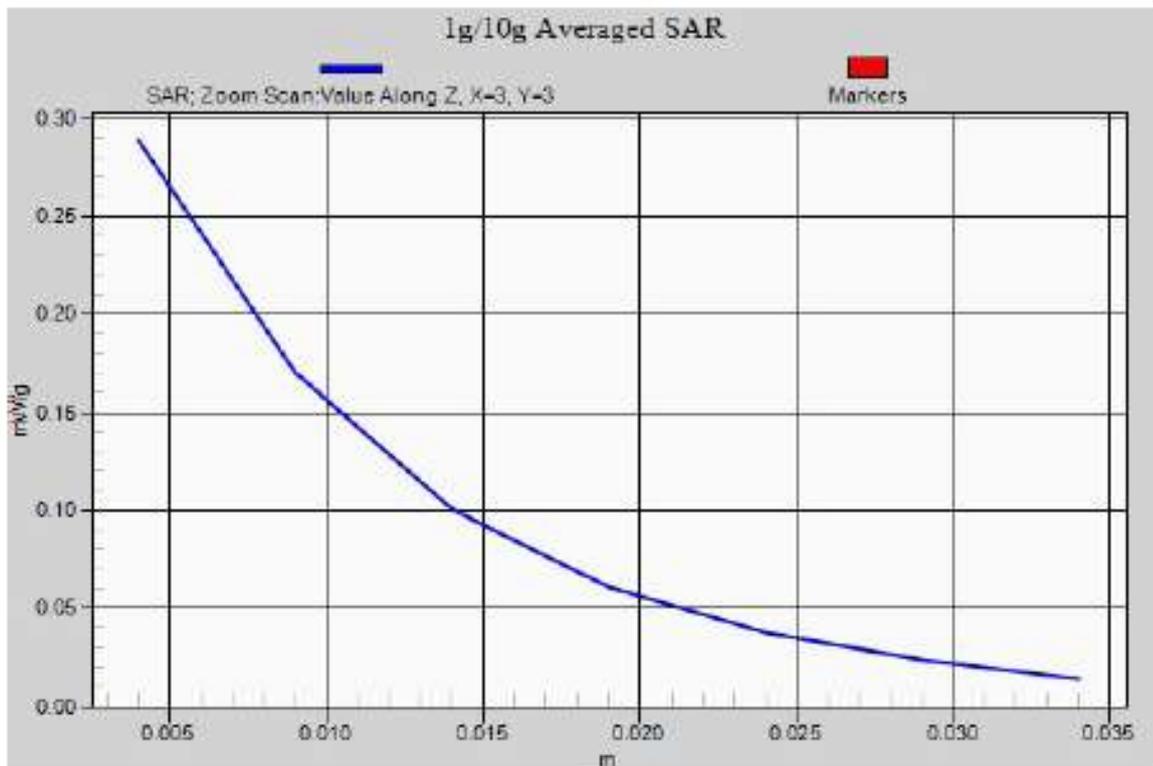
Towards ground- GSM1900 EGPRS 1TS Channel 512
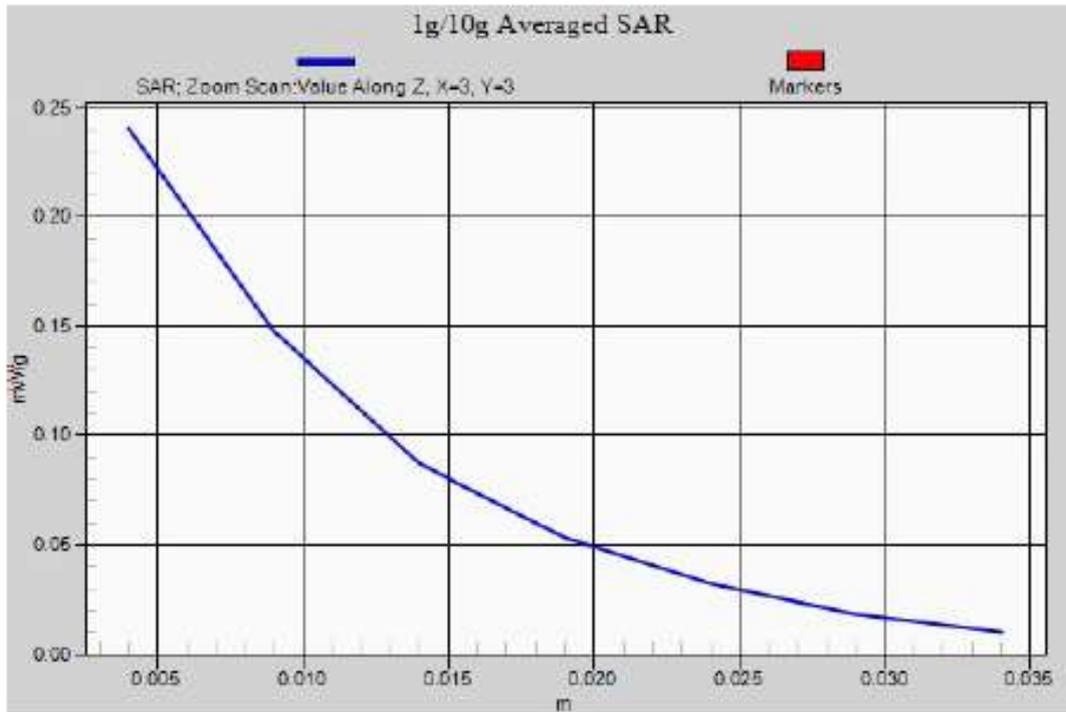
Towards ground- GSM1900 with Headset Channel 810
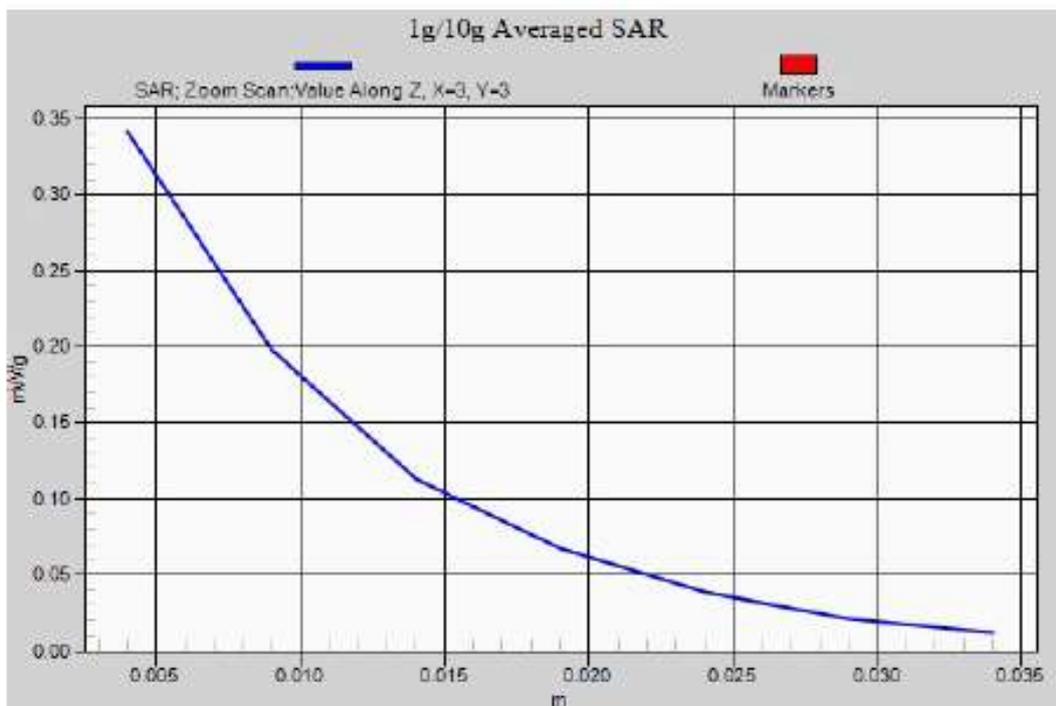
Towards ground- GSM1900 with Bluetooth Headset Channel 810
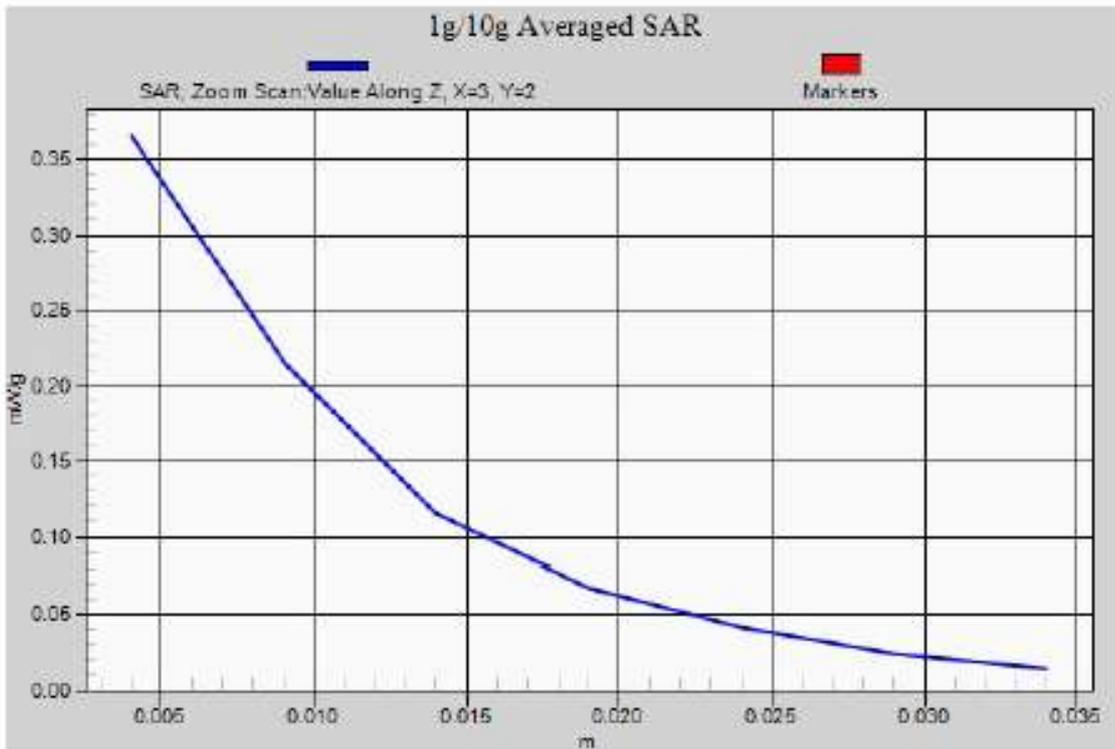
Towards phantom- GSM1900 Channel 661
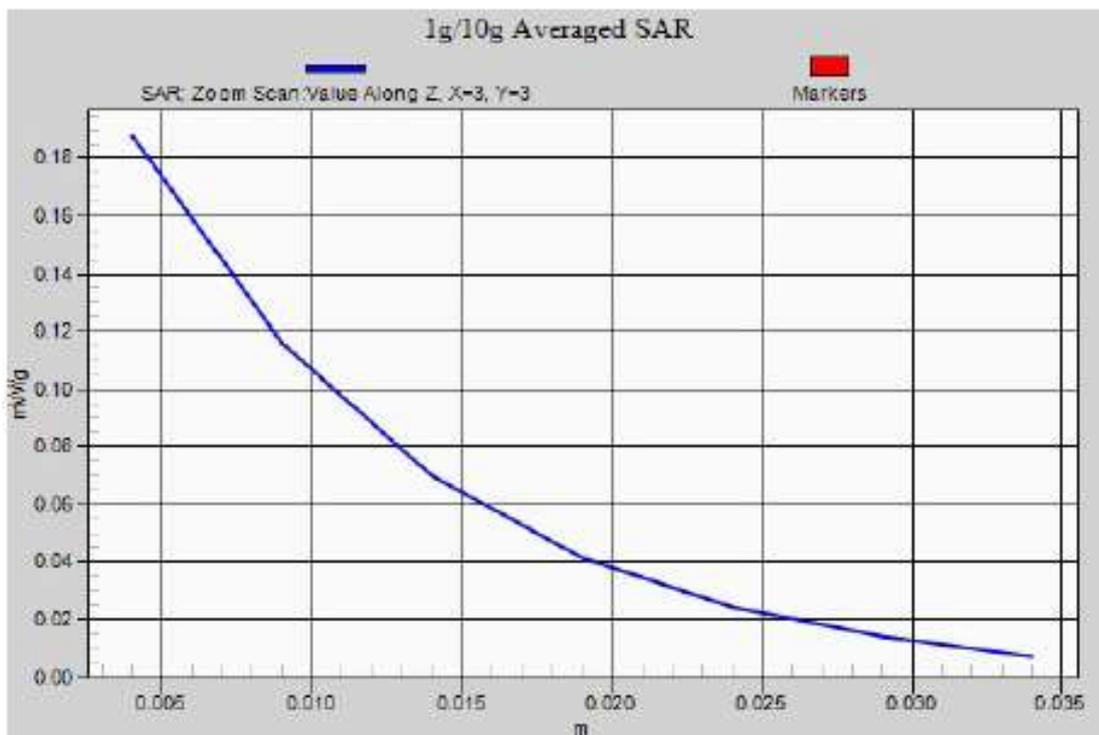
Towards ground- GSM1900 Channel 661
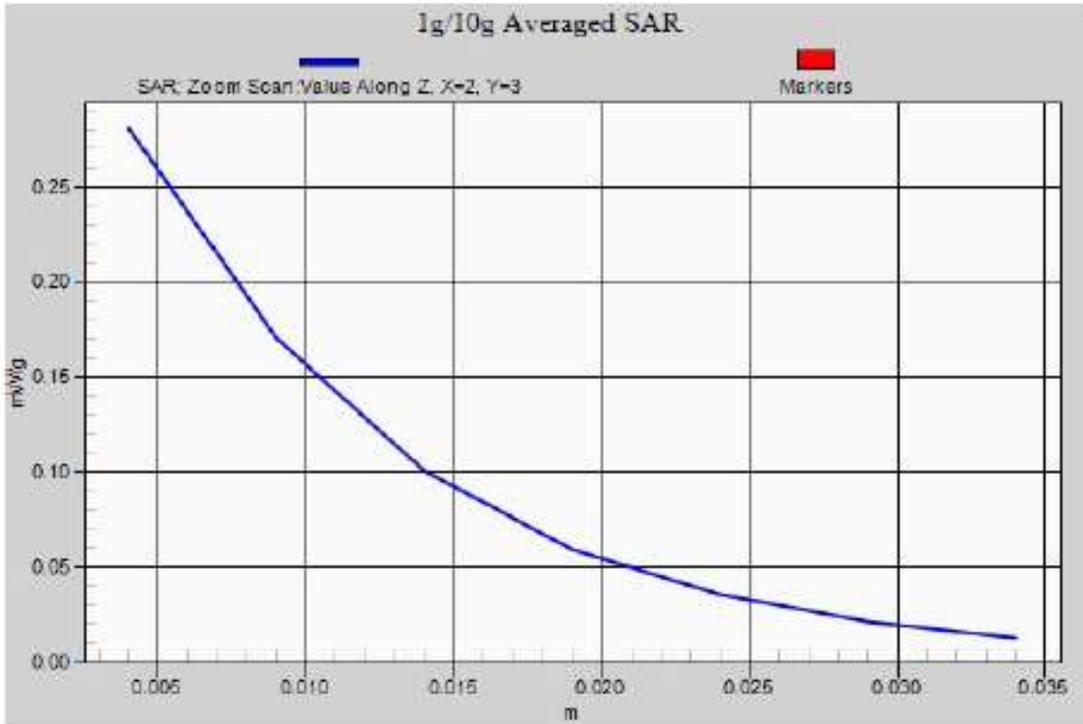
Towards ground- GSM1900 Channel 810
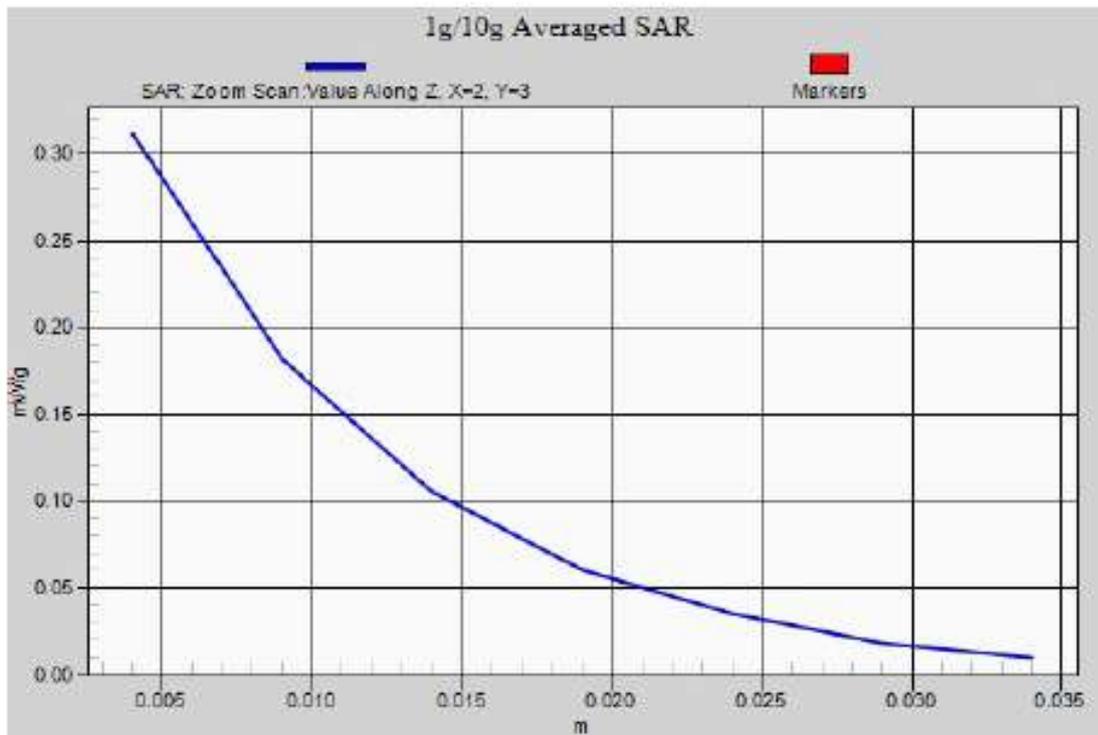
Towards ground- GSM1900 Channel 512
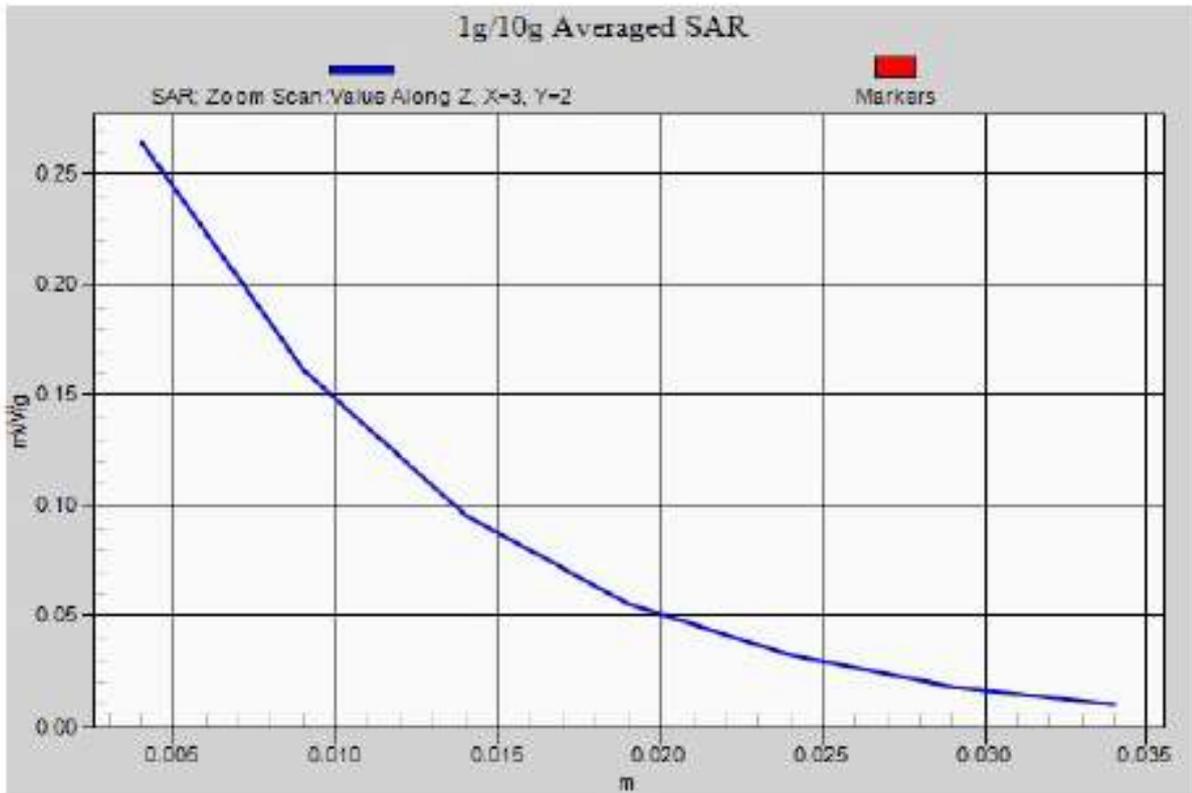
GSM850 Head:
HUAWEI U9000/U9000
LeftHandSide touched - GSM850 Channel 190
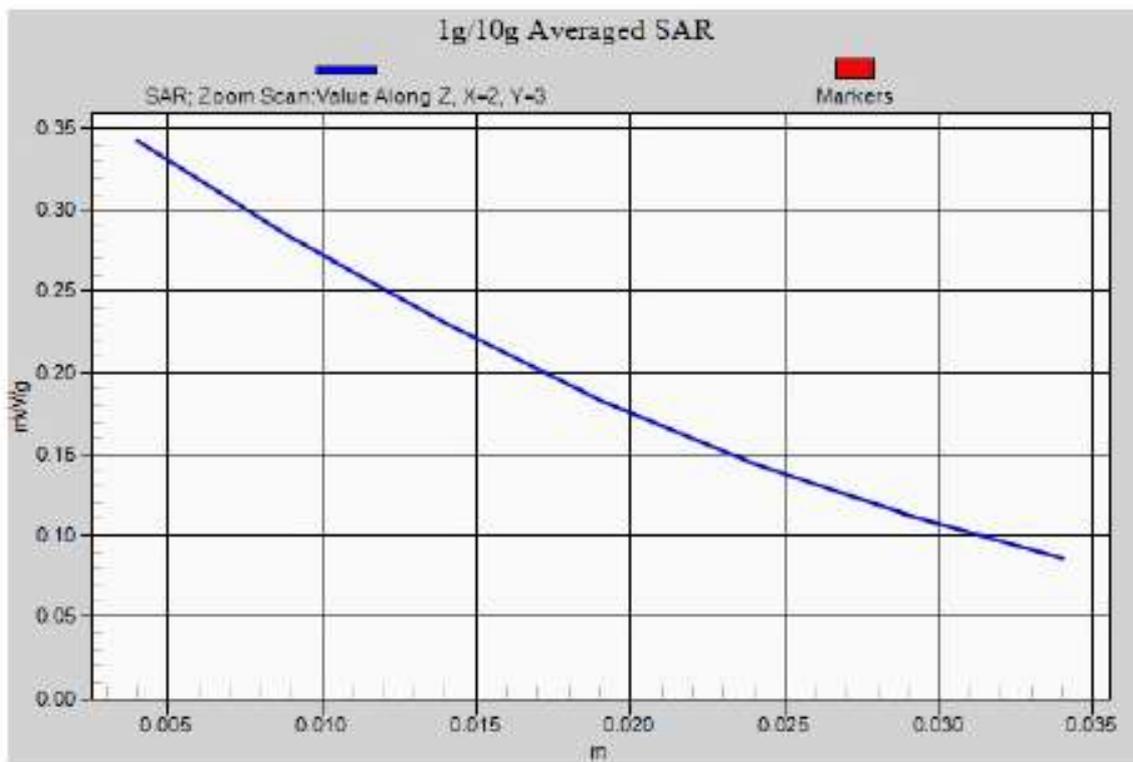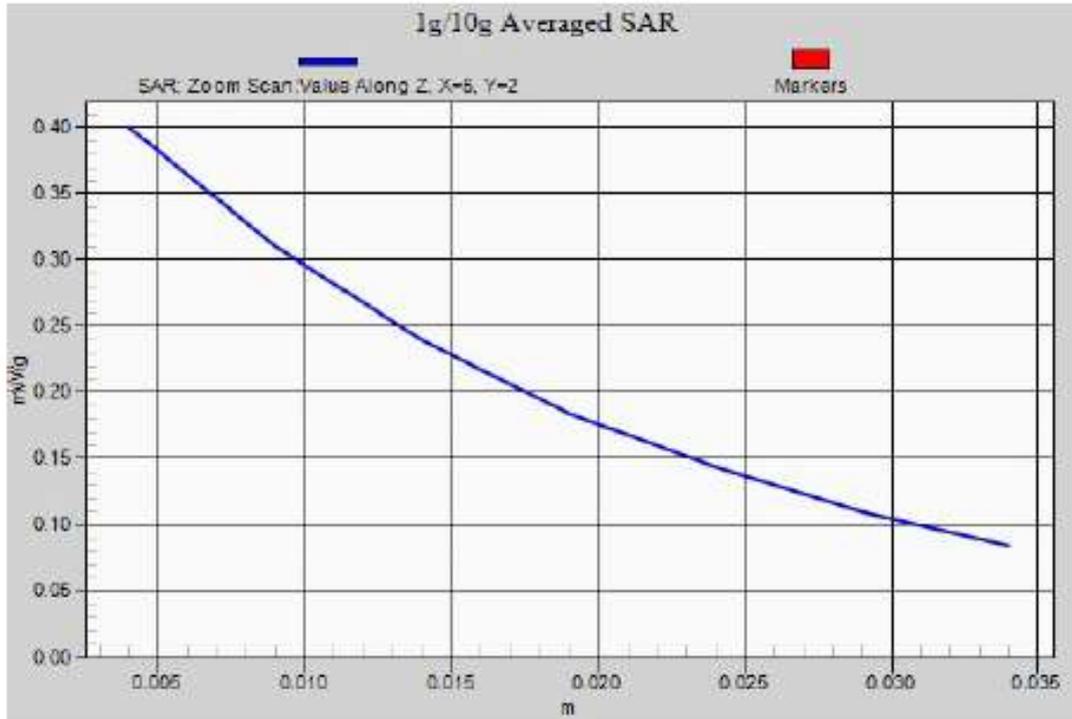

LeftHandSide tilted 15° - GSM850 Channel 190
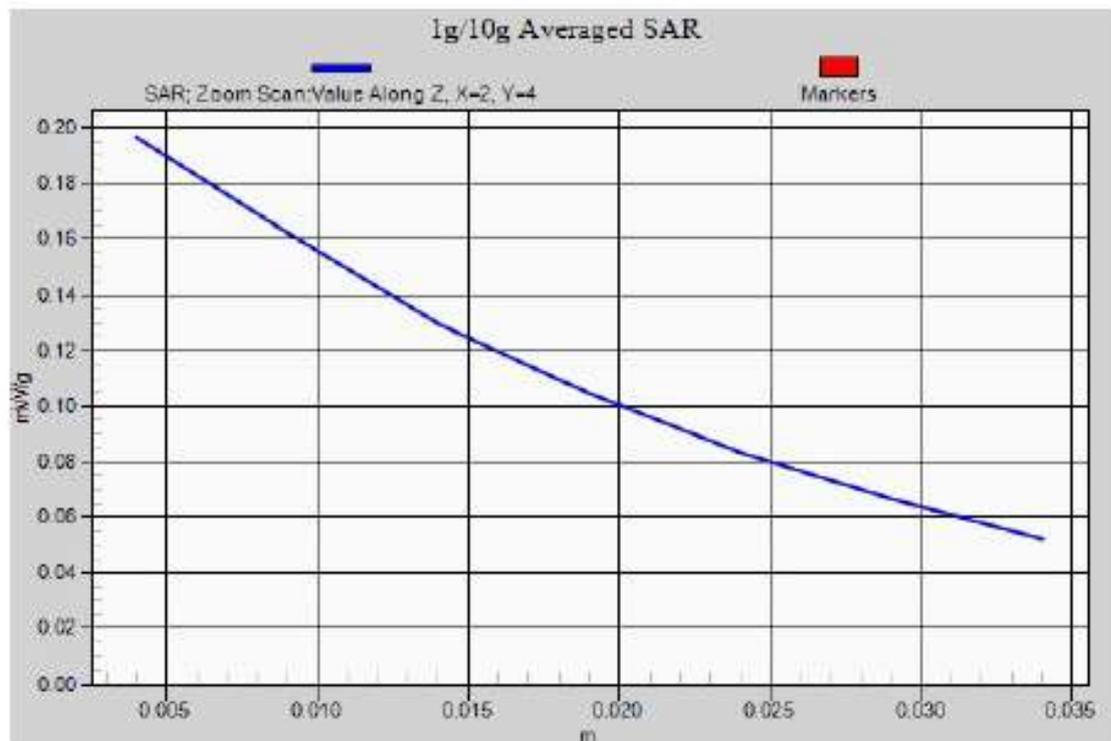
RightHandSide touched - GSM850 Channel 190
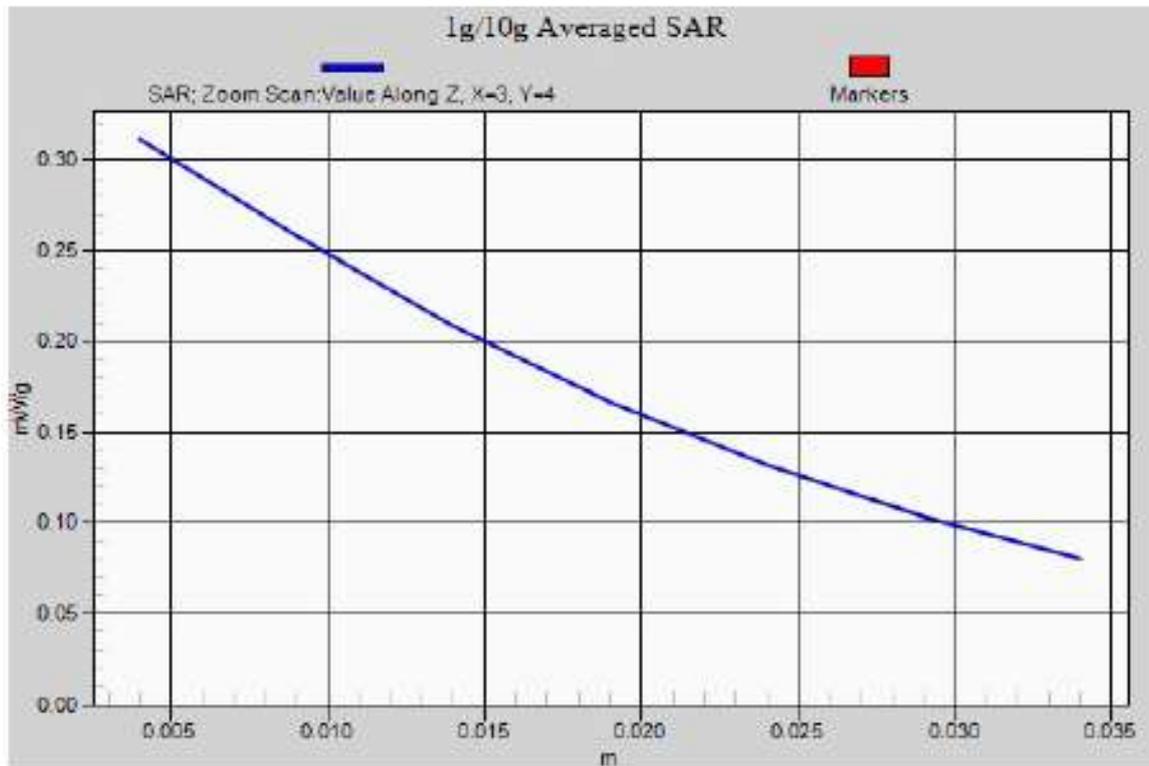
RightHandSide tilted 15° - GSM850 Channel 190
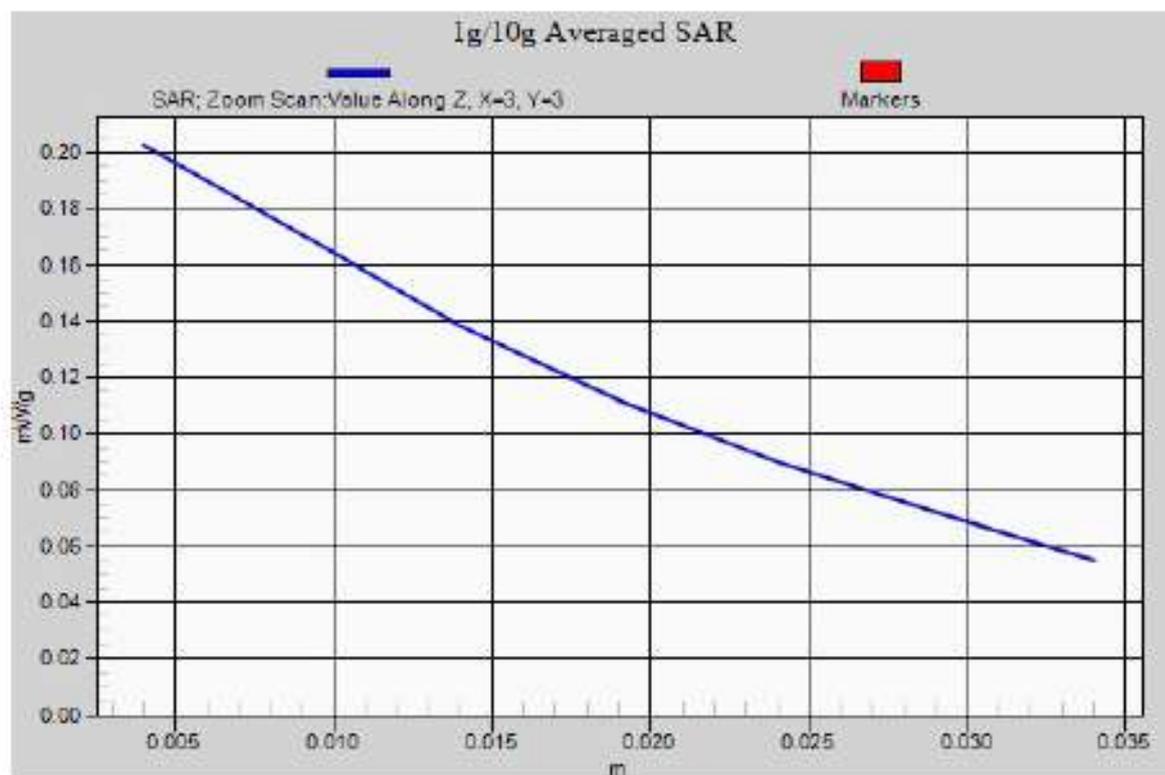
LeftHandSide touched - GSM850 Channel 251

LeftHandSide touched - GSM850 Channel 128

Huawei Technologies Co.,Ltd.

LeftHandSide touched - GSM850 GPRS 1TS Channel 190

LeftHandSide tilted 15° - GSM850 GPRS 1TS Channel 190
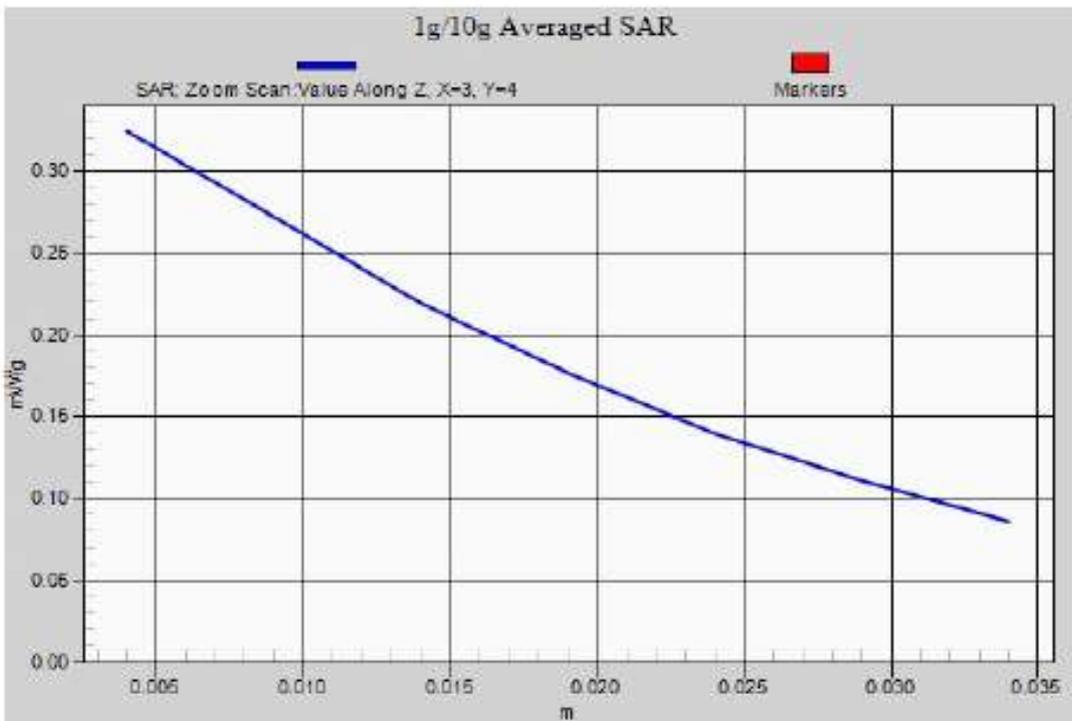
RightHandSide touched - GSM850 GPRS 1TS Channel 190

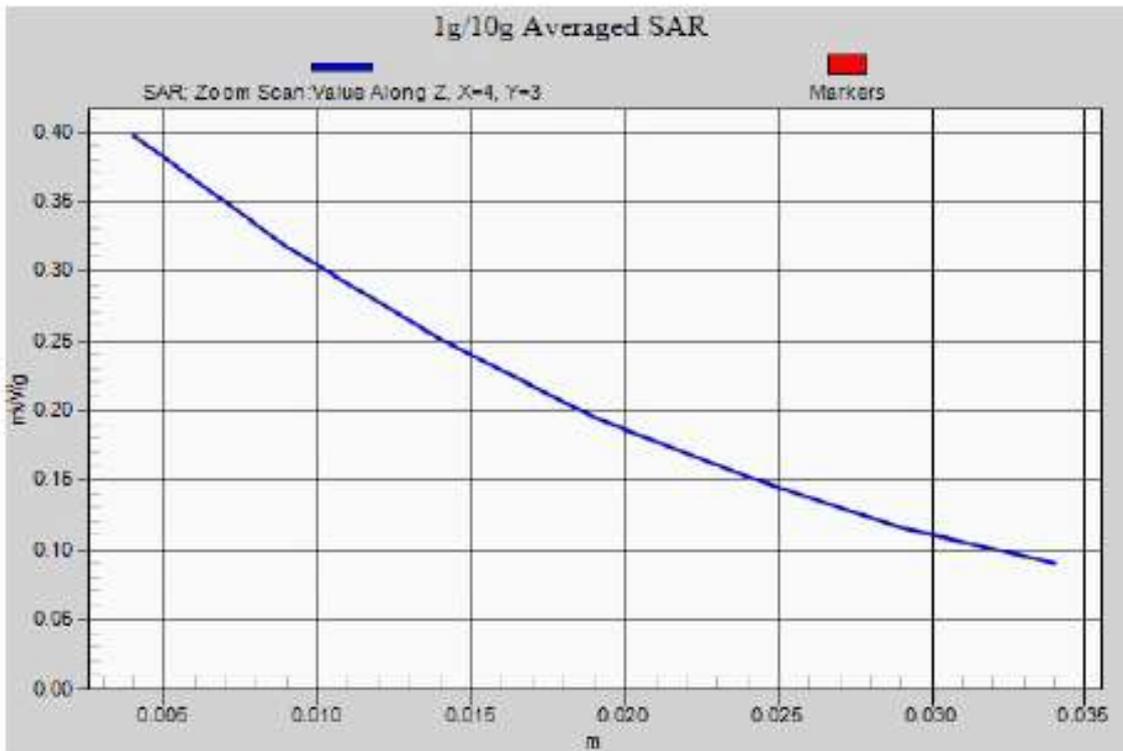**RightHandSide tilted 15° - GSM850 GPRS 1TS Channel 190**

Huawei Technologies Co.,Ltd.

LeftHandSide touched - GSM850 GPRS 1TS Channel 251

LeftHandSide touched - GSM850 GPRS 1TS Channel 128
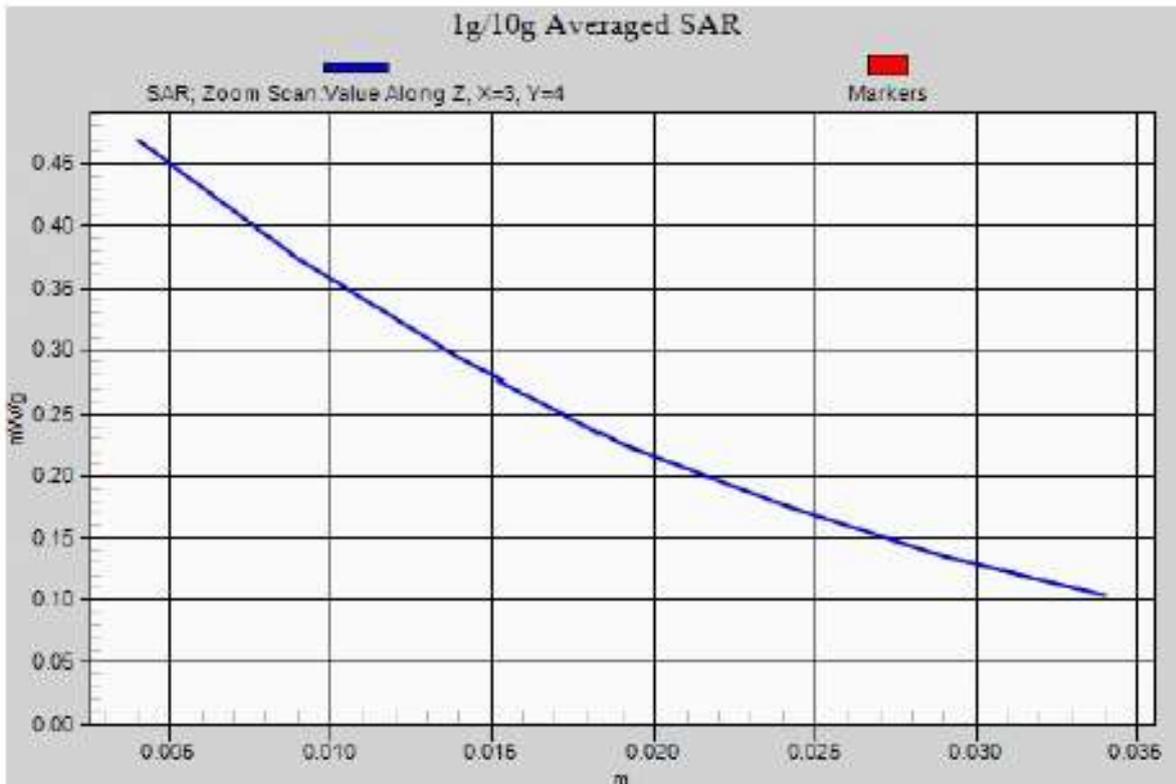
LeftHandSide touched - GSM850 EGPRS 1TS Channel 251

GSM850 Body:
HUAWEI U9000/U9000
Towards phantom- GSM850 GPRS 1TS Channel 190

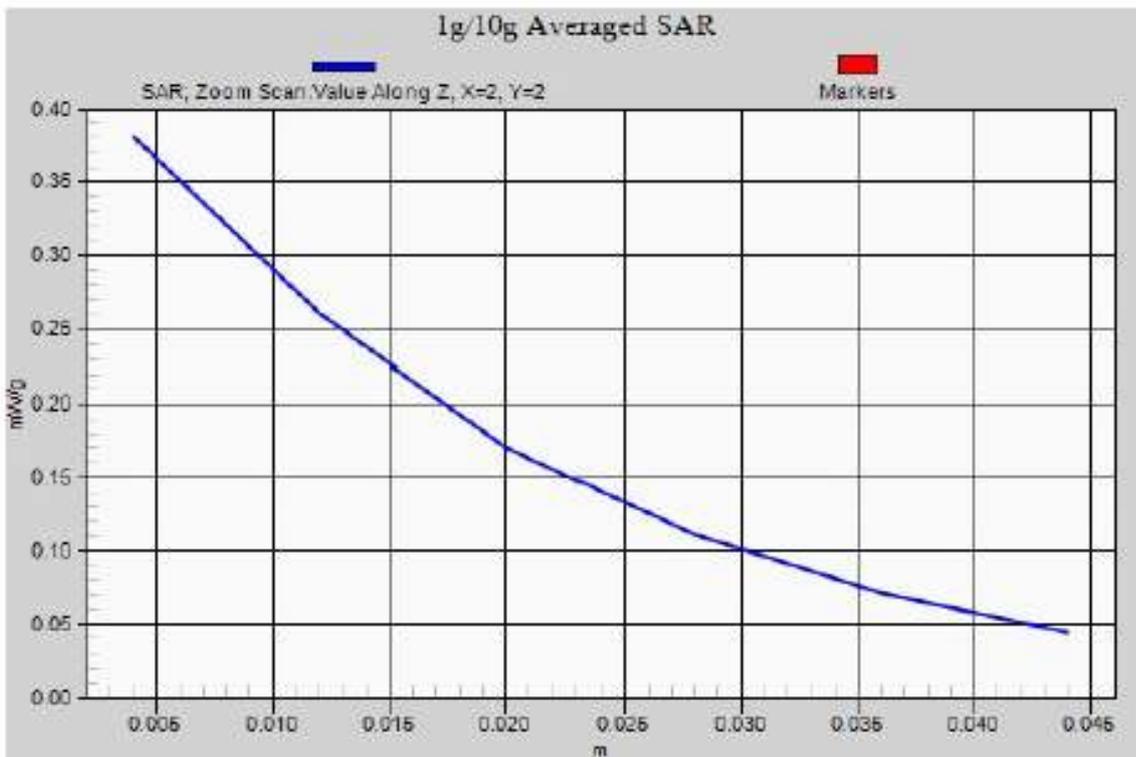**Towards ground- GSM850 GPRS 1TS Channel 190**

Towards ground- GSM850 GPRS 2TS Channel 190

Towards ground- GSM850 GPRS 3TS Channel 190

Towards ground- GSM850 GPRS 4TS Channel 190

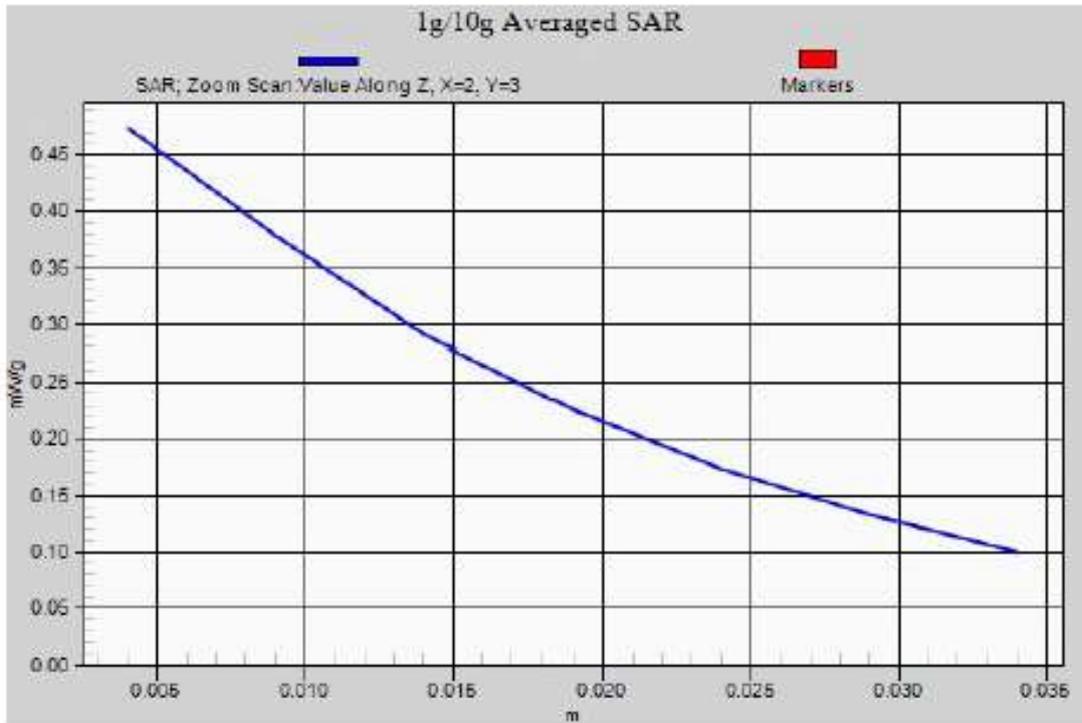**Towards ground- GSM850 GPRS 1TS Channel 251**

Towards ground- GSM850 GPRS 1TS Channel 128

Towards ground- GSM850 EGPRS 1TS Channel 190

Towards ground- GSM850 EGPRS 2TS Channel 190

Towards ground- GSM850 EGPRS 3TS Channel 190