P1528_OET65-EGPRS (2 timeslots in uplink) with ThinkPad T61 rear side-GSM850

DUT: E353u-6

. Communication System: HW-GSM/GPRS/EDGE 2TS; Frequency: 836.6 MHz
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.973 mho/m; ε_r = 52.6; ρ = 1000 kg/m3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:
ıProbe: ES3DV3 - SN3168; ConvF(5.97, 5.97, 5.97); Calibrated: 2009-12-18
ıSensor-Surface: 4mm (Mechanical Surface Detection)
ıElectronics: DAE4 Sn852; Calibrated: 2009-12-18
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)

E353u-6/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.911 mW/g
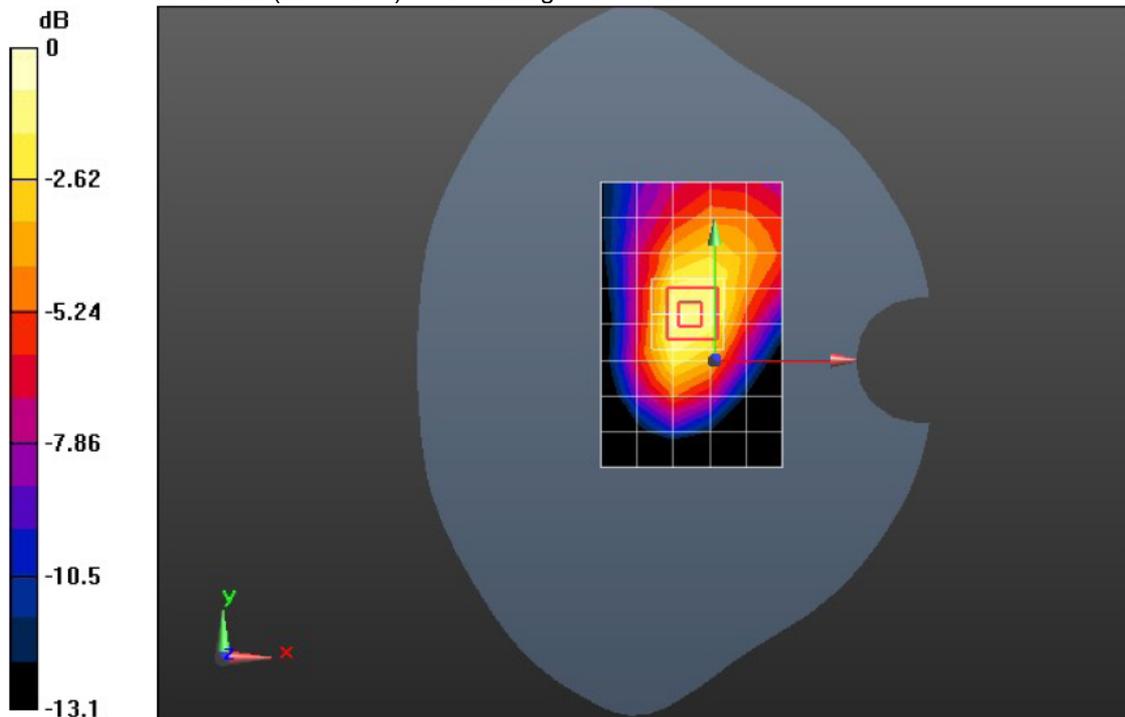**E353u-6/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.9 V/m; Power Drift = -0.154 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 0.969 mW/g; SAR(10 g) = 0.590 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.07 mW/g

0 dB = 1.07mW/g

Additional information:
position or distance of DUT to SAM: 5 mm
ambient temperature: 22.0 °C; liquid temperature: 22.3 °C

Date/Time: 2010-12-13 11:28:17

P1528_OET65-EGPRS (3 timeslots in uplink) with ThinkPad T61 rear side-GSM850

DUT: E353u-6

. Communication System: HW-GSM/GPRS/EDGE 3TS; Frequency: 836.6 MHz

Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.973 mho/m; ε_r = 52.6; ρ = 1000 kg/m3

Phantom section: Flat Section

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

DASY5 Configuration:

ıProbe: ES3DV3 - SN3168; ConvF(5.97, 5.97, 5.97); Calibrated: 2009-12-18

ıSensor-Surface: 4mm (Mechanical Surface Detection)

ıElectronics: DAE4 Sn852; Calibrated: 2009-12-18

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)

E353u-6/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.840 mW/g

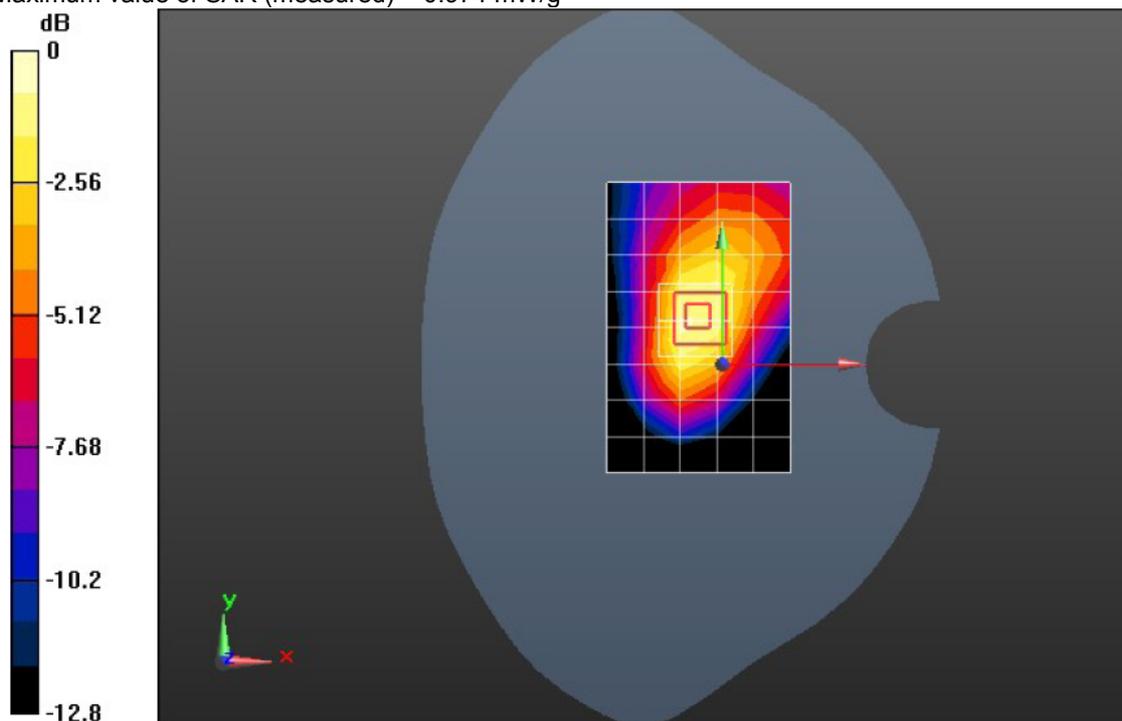**E353u-6/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.8 V/m; Power Drift = -0.142 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.890 mW/g; SAR(10 g) = 0.543 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.974 mW/g

0 dB = 0.974mW/g

Additional information:

position or distance of DUT to SAM: 5 mm

ambient temperature: 22.0 °C; liquid temperature: 22.3 °C

P1528_OET65-EGPRS (4 timeslots in uplink) with ThinkPad T61 rear side-GSM850

DUT: E353u-6

. Communication System: HW-GSM/GPRS/EDGE 4TS; Frequency: 836.6 MHz
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.973 mho/m; εr = 52.6; ρ = 1000 kg/m3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:
ıProbe: ES3DV3 - SN3168; ConvF(5.97, 5.97, 5.97); Calibrated: 2009-12-18
ıSensor-Surface: 4mm (Mechanical Surface Detection)
ıElectronics: DAE4 Sn852; Calibrated: 2009-12-18
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)

E353u-6/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.772 mW/g
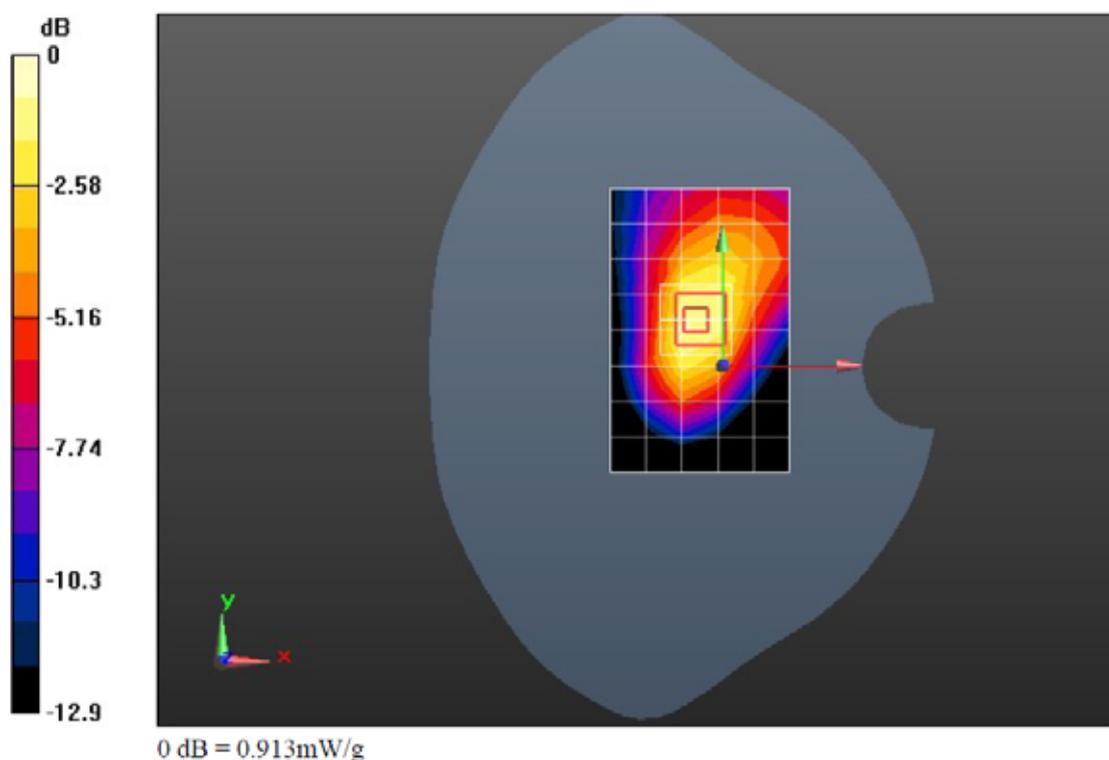**E353u-6/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.7 V/m; Power Drift = -0.060 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.826 mW/g; SAR(10 g) = 0.504 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.913 mW/g

0 dB = 0.913mW/g

Additional information:
position or distance of DUT to SAM: 5 mm
ambient temperature: 22.0 °C; liquid temperature: 22.3 °C

Date/Time: 2010-12-13 12:14:18

P1528_OET65-EGPRS (2 timeslots in uplink) with ThinkPad T61 rear side-GSM850

DUT: E353u-6

. Communication System: HW-GSM/GPRS/EDGE 2TS; Frequency: 824.2 MHz

Medium parameters used: f = 825 MHz; σ = 0.962 mho/m; ε_r = 52.8; ρ = 1000 kg/m3

Phantom section: Flat Section

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

DASY5 Configuration:

ıProbe: ES3DV3 - SN3168; ConvF(5.97, 5.97, 5.97); Calibrated: 2009-12-18

ıSensor-Surface: 4mm (Mechanical Surface Detection)

ıElectronics: DAE4 Sn852; Calibrated: 2009-12-18

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)

E353u-6/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

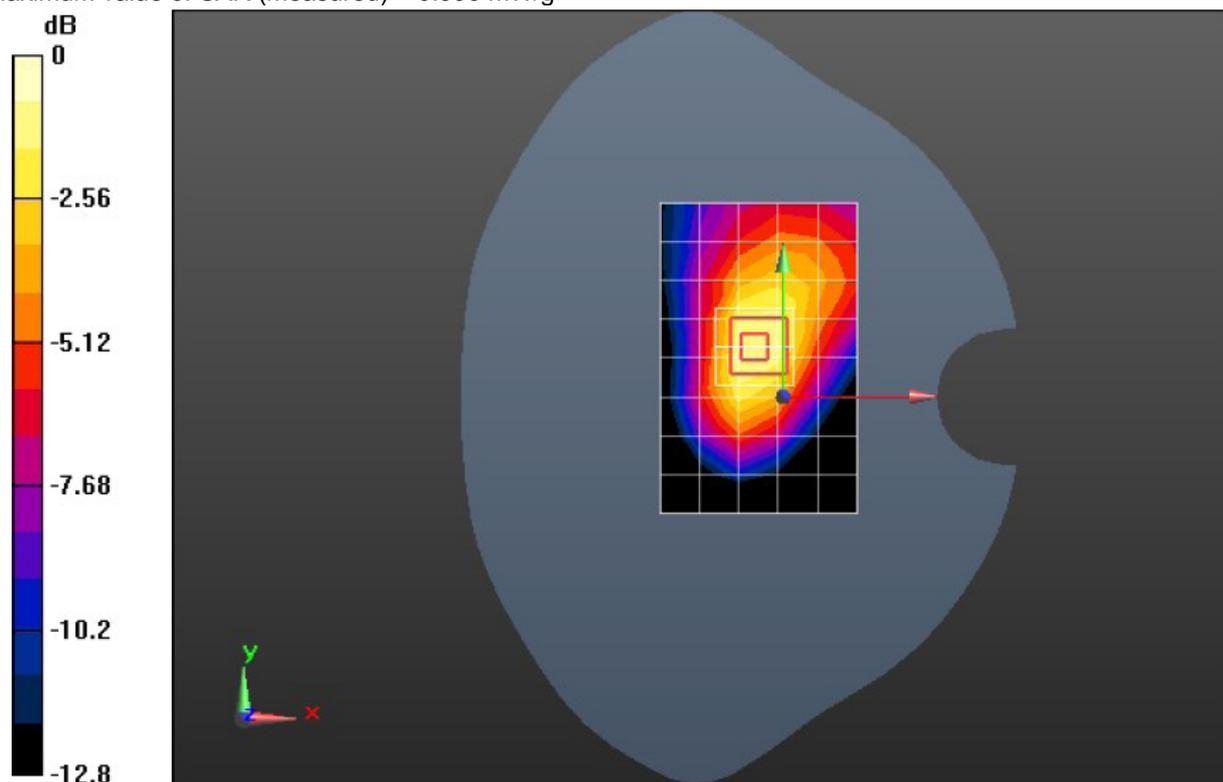Maximum value of SAR (measured) = 0.835 mW/g

E353u-6/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.5 V/m; Power Drift = 0.087 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.899 mW/g; SAR(10 g) = 0.551 mW/g

Maximum value of SAR (measured) = 0.996 mW/g

0 dB = 0.996mW/g

Additional information:

position or distance of DUT to SAM: 5 mm

ambient temperature: 22.0 °C; liquid temperature: 22.3 °C

P1528_OET65-EGPRS (2 timeslots in uplink) with ThinkPad T61 rear side-GSM850

DUT: E353u-6

Communication System: HW-GSM/GPRS/EDGE 2TS; Frequency: 848.6 MHz

Medium parameters used (interpolated): f = 848.6 MHz; σ = 0.985 mho/m; ε_r = 52.5; ρ = 1000 kg/m3

Phantom section: Flat Section

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

DASY5 Configuration:

ⅰProbe: ES3DV3 - SN3168; ConvF(5.97, 5.97, 5.97); Calibrated: 2009-12-18

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

ⅰElectronics: DAE4 Sn852; Calibrated: 2009-12-18

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)

E353u-6/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.926 mW/g

E353u-6/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
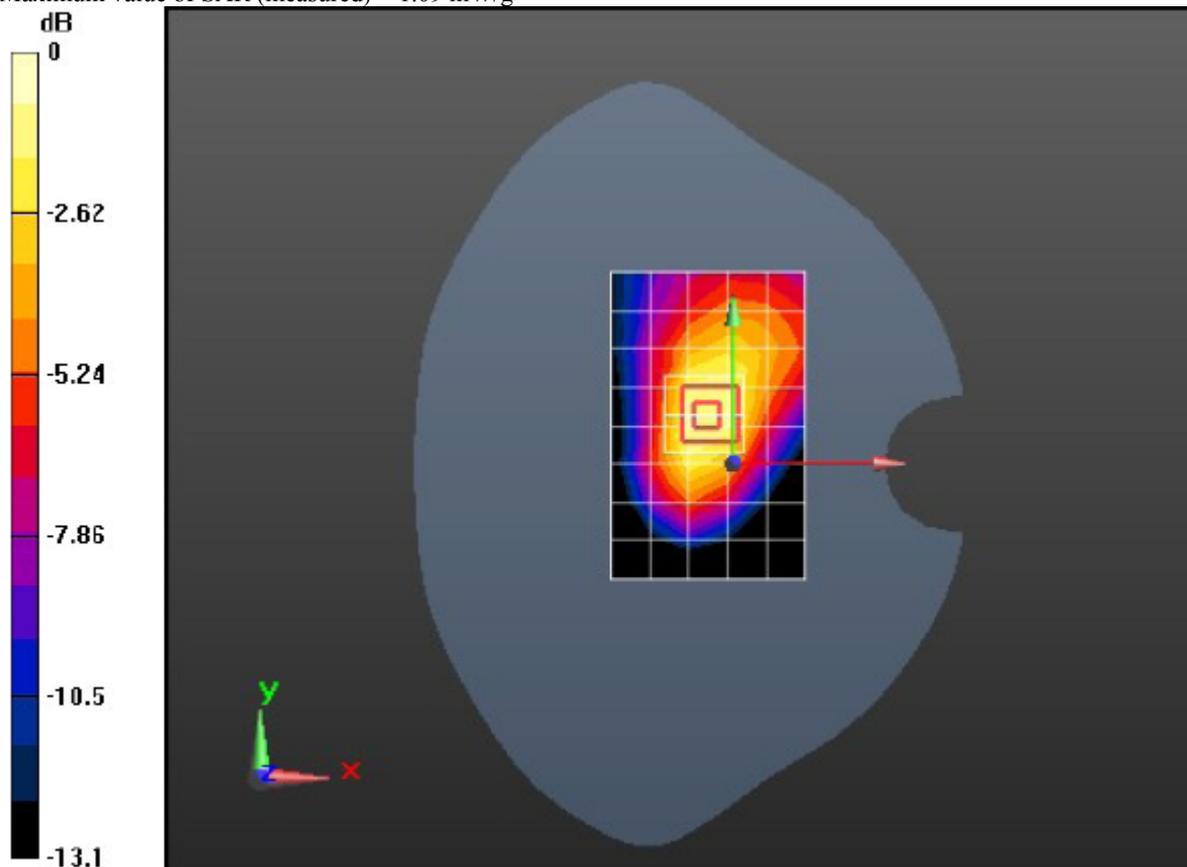
Reference Value = 27 V/m; Power Drift = -0.154 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.984 mW/g; SAR(10 g) = 0.599 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.09 mW/g

0 dB = 1.09mW/g

Additional information:

position or distance of DUT to SAM: 5 mm

ambient temperature: 22.0 °C; liquid temperature: 22.3 °C

Annex 2.2   GSM 1900 MHz body

Date/Time: 2010-12-11 11:19:11

P1528_OET65-GPRS (1 timeslots in uplink) with ThinkPad T61 rear side-GSM1900

DUT: E353u-6

Communication System: HW-GSM/GPRS/EDGE 1TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.46 mho/m; ε_r = 52.8; ρ = 1000 kg/m3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:
ıProbe: ES3DV3 - SN3168; ConvF(4.62, 4.62, 4.62); Calibrated: 2009-12-18
ıSensor-Surface: 4mm (Mechanical Surface Detection)
ıElectronics: DAE4 Sn852; Calibrated: 2009-12-18
ıPhantom: SAM2; Type: SAM; Serial: TP-1474
ıMeasurement SW: DASY5, V5.2 Build 157; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685) (Deployment Build)

E353u-6/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
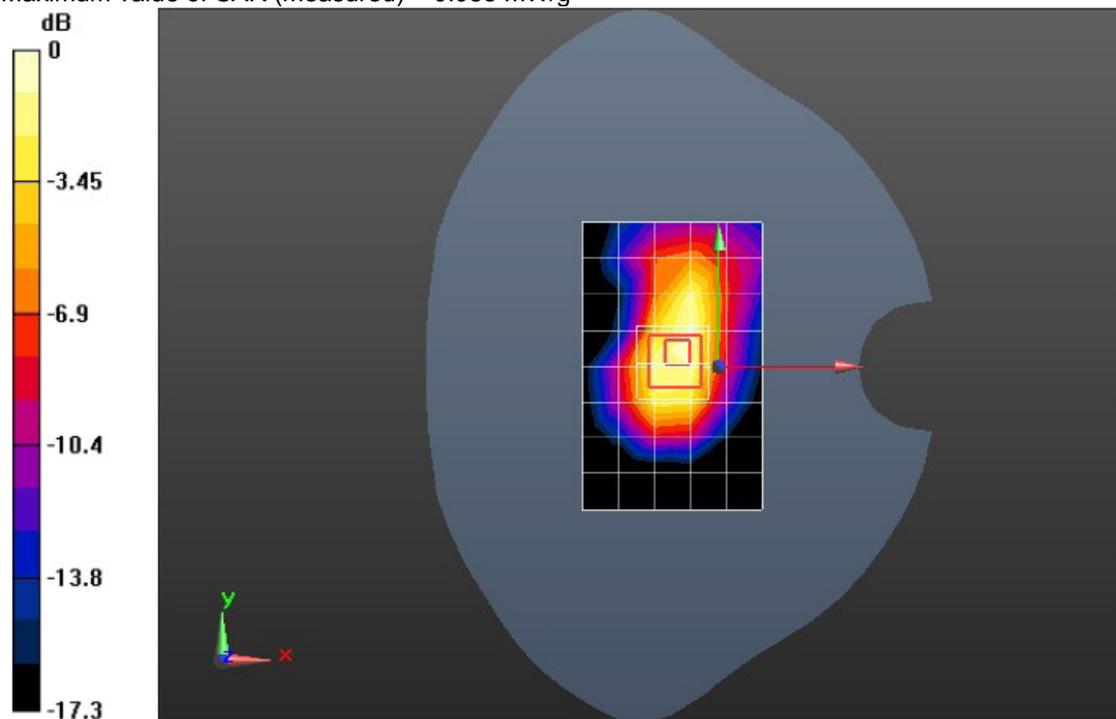Maximum value of SAR (measured) = 0.835 mW/g
E353u-6/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26 V/m; Power Drift = 0.143 dB
Peak SAR (extrapolated) = 1.5 W/kg
SAR(1 g) = 0.896 mW/g; SAR(10 g) = 0.507 mW/g
Maximum value of SAR (measured) = 0.988 mW/g

0 dB = 0.988mW/g

Additional information:
position or distance of DUT to SAM: 5 mm
ambient temperature: 23.0 °C; liquid temperature: 22.5°C

P1528_OET65-GPRS (2 timeslots in uplink) with ThinkPad T61 rear side-GSM1900

DUT: E353u-6

Communication System: HW-GSM/GPRS/EDGE 2TS; Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.46 mho/m; $ε_r$ = 52.8; ρ = 1000 kg/m3

Phantom section: Flat Section

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

DASY5 Configuration:

ιProbe: ES3DV3 - SN3168; ConvF(4.62, 4.62, 4.62); Calibrated: 2009-12-18

ιSensor-Surface: 4mm (Mechanical Surface Detection)

ιElectronics: DAE4 Sn852; Calibrated: 2009-12-18

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)

E353u-6/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
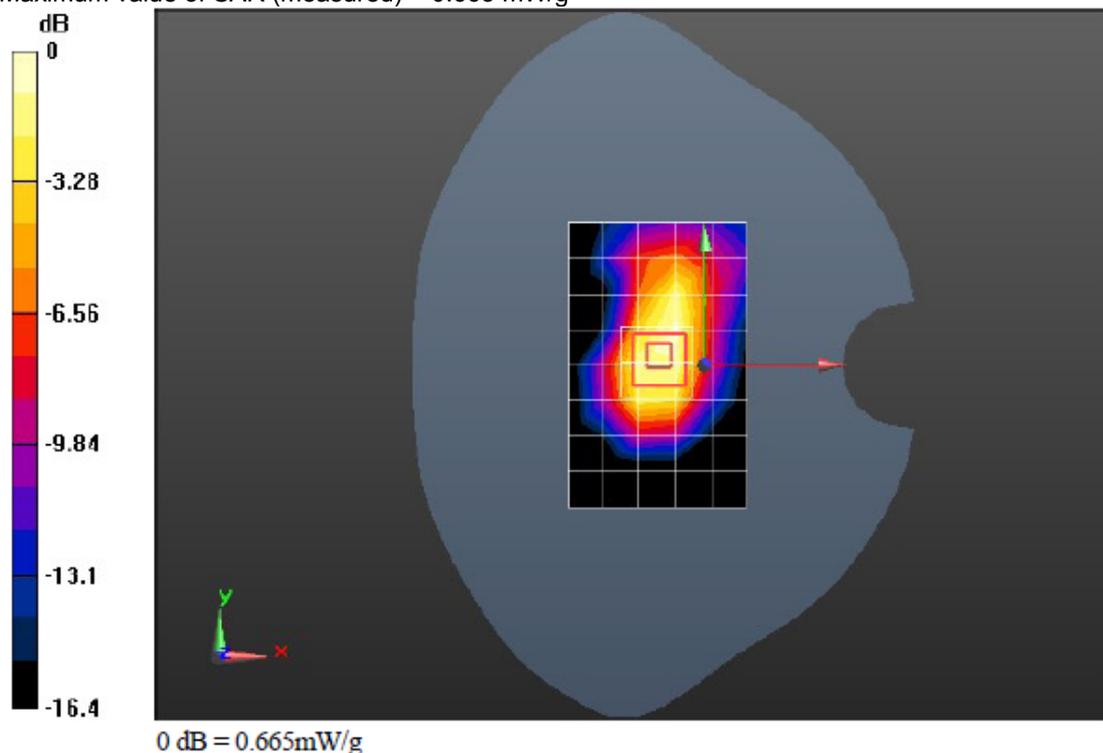
Maximum value of SAR (measured) = 0.568 mW/g

E353u-6/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.6 V/m; Power Drift = 0.020 dB

Peak SAR (extrapolated) = 0.984 W/kg

SAR(1 g) = 0.602 mW/g; SAR(10 g) = 0.341 mW/g

Maximum value of SAR (measured) = 0.665 mW/g

0 dB = 0.665mW/g

Additional information:

position or distance of DUT to SAM: 5 mm

ambient temperature: 23.0 °C; liquid temperature: 22.5°C

Date/Time: 2010-12-11 11:40:08

P1528_OET65-GPRS (3 timeslots in uplink) with ThinkPad T61 rear side-GSM1900

DUT: E353u-6
Communication System: HW-GSM/GPRS/EDGE 3TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.46 mho/m; ε_r = 52.8; ρ = 1000 kg/m3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:
ıProbe: ES3DV3 - SN3168; ConvF(4.62, 4.62, 4.62); Calibrated: 2009-12-18
ıSensor-Surface: 4mm (Mechanical Surface Detection)
ıElectronics: DAE4 Sn852; Calibrated: 2009-12-18
ıPhantom: SAM2; Type: SAM; Serial: TP-1474
ıMeasurement SW: DASY5, V5.2 Build 157; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685) (Deployment Build)
E353u-6/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.656 mW/g
E353u-6/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.6 V/m; Power Drift = -0.192 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.683 mW/g; SAR(10 g) = 0.388 mW/g
Maximum value of SAR (measured) = 0.754 mW/g

0 dB = 0.754mW/g

Additional information:
position or distance of DUT to SAM: 5 mm
ambient temperature: 23.0 °C; liquid temperature: 22.5°C

P1528_OET65-GPRS (4 timeslots in uplink) with ThinkPad T61 rear side-GSM1900

DUT: E353u-6

Communication System: HW-GSM/GPRS/EDGE 4TS; Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 50.9; ρ = 1000 kg/m3

Phantom section: Flat Section

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

DASY5 Configuration:

ₗProbe: ES3DV3 - SN3168; ConvF(4.62, 4.62, 4.62); Calibrated: 2009-12-18

ₗSensor-Surface: 4mm (Mechanical Surface Detection)

ₗElectronics: DAE4 Sn852; Calibrated: 2009-12-18

ₗPhantom: SAM2; Type: SAM; Serial: TP-1474

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

E353u-6/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

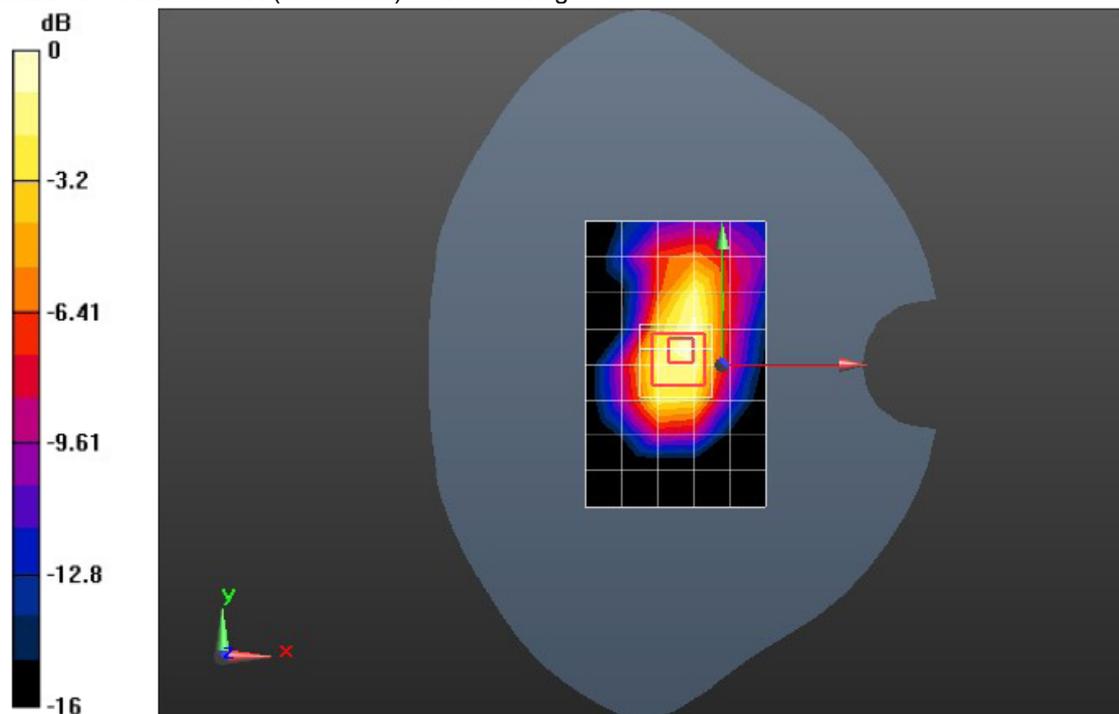Maximum value of SAR (measured) = 0.622 mW/g

E353u-6/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.1 V/m; Power Drift = -0.084 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.649 mW/g; SAR(10 g) = 0.369 mW/g

Maximum value of SAR (measured) = 0.715 mW/g

0 dB = 0.715mW/g

Additional information:

position or distance of DUT to SAM: 5 mm

ambient temperature: 23.0 °C; liquid temperature: 22.5°C

P1528_OET65-GPRS (1 timeslots in uplink) with ThinkPad T61 front side-GSM1900

DUT: E353u-6

Communication System: HW-GSM/GPRS/EDGE 1TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; $ε_r$ = 50.9; ρ = 1000 kg/m3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:
ιProbe: ES3DV3 - SN3168; ConvF(4.62, 4.62, 4.62); Calibrated: 2009-12-18
ιSensor-Surface: 4mm (Mechanical Surface Detection)
ιElectronics: DAE4 Sn852; Calibrated: 2009-12-18
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)

E353u-6/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
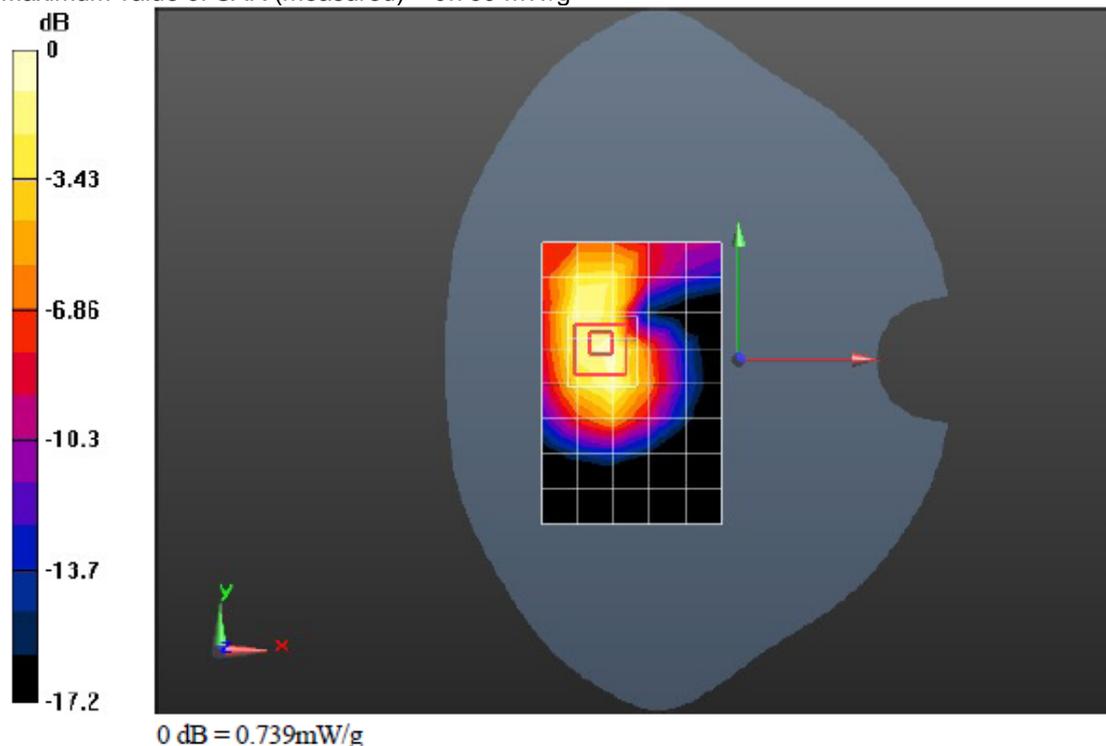Maximum value of SAR (measured) = 0.677 mW/g
E353u-6/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.9 V/m; Power Drift = 0.069 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.675 mW/g; SAR(10 g) = 0.385 mW/g
Maximum value of SAR (measured) = 0.739 mW/g

0 dB = 0.739mW/g

Additional information:
position or distance of DUT to SAM: 5mm
ambient temperature: 23.0 °C; liquid temperature: 22.5°C

P1528_OET65-GPRS (1 timeslots in uplink) with ThinkPad T61 left side-GSM1900

DUT: E353u-6

Communication System: HW-GSM/GPRS/EDGE 1TS; Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 50.9; ρ = 1000 kg/m3

Phantom section: Flat Section

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

DASY5 Configuration:

ıProbe: ES3DV3 - SN3168; ConvF(4.62, 4.62, 4.62); Calibrated: 2009-12-18

ıSensor-Surface: 4mm (Mechanical Surface Detection)

ıElectronics: DAE4 Sn852; Calibrated: 2009-12-18

ıPhantom: SAM2; Type: SAM; Serial: TP-1474

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

E353u-6/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

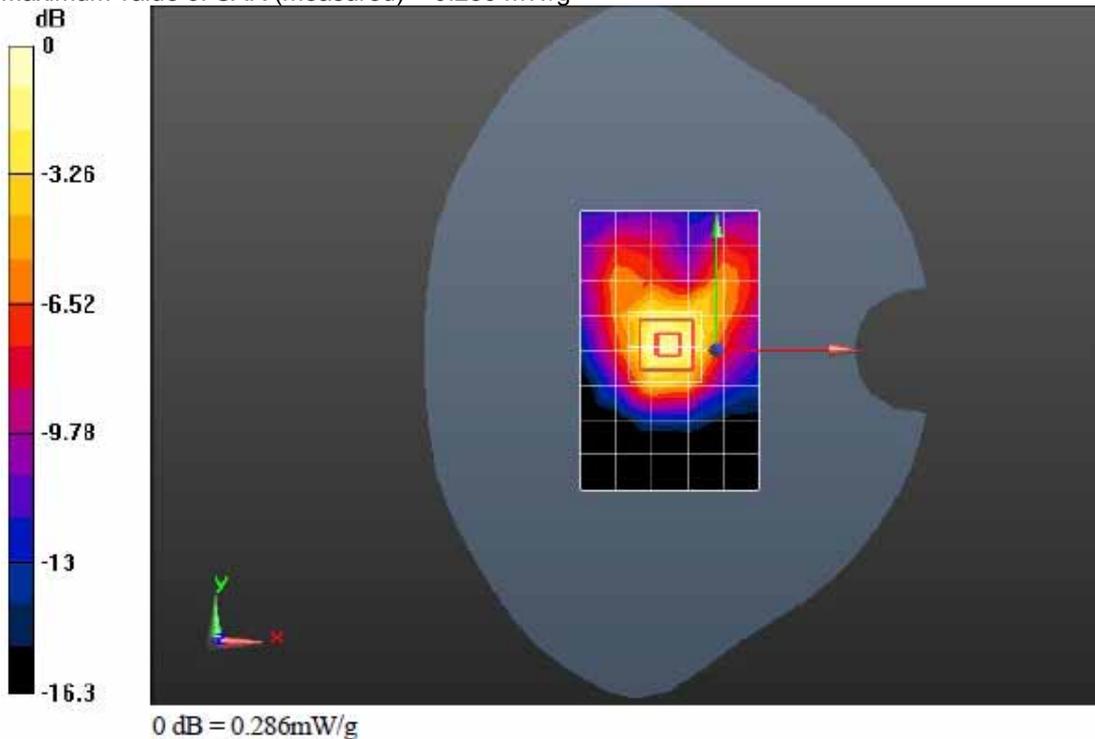Maximum value of SAR (measured) = 0.237 mW/g

E353u-6/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.9 V/m; Power Drift = -0.088 dB

Peak SAR (extrapolated) = 0.440 W/kg

SAR(1 g) = 0.256 mW/g; SAR(10 g) = 0.138 mW/g

Maximum value of SAR (measured) = 0.286 mW/g

0 dB = 0.286mW/g

Additional information:

position or distance of DUT to SAM: 5 mm

ambient temperature: 23.0 °C; liquid temperature: 22.5°C

Date/Time: 2010-12-11 15:14:54

P1528_OET65-GPRS (1 timeslots in uplink) with ThinkPad T61 right side-GSM1900

DUT: E353u-6

Communication System: HW-GSM/GPRS/EDGE 1TS; Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 50.9; ρ = 1000 kg/m3

Phantom section: Flat Section

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

DASY5 Configuration:

ıProbe: ES3DV3 - SN3168; ConvF(4.62, 4.62, 4.62); Calibrated: 2009-12-18

ıSensor-Surface: 4mm (Mechanical Surface Detection)

ıElectronics: DAE4 Sn852; Calibrated: 2009-12-18

ıPhantom: SAM2; Type: SAM; Serial: TP-1474

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

E353u-6/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

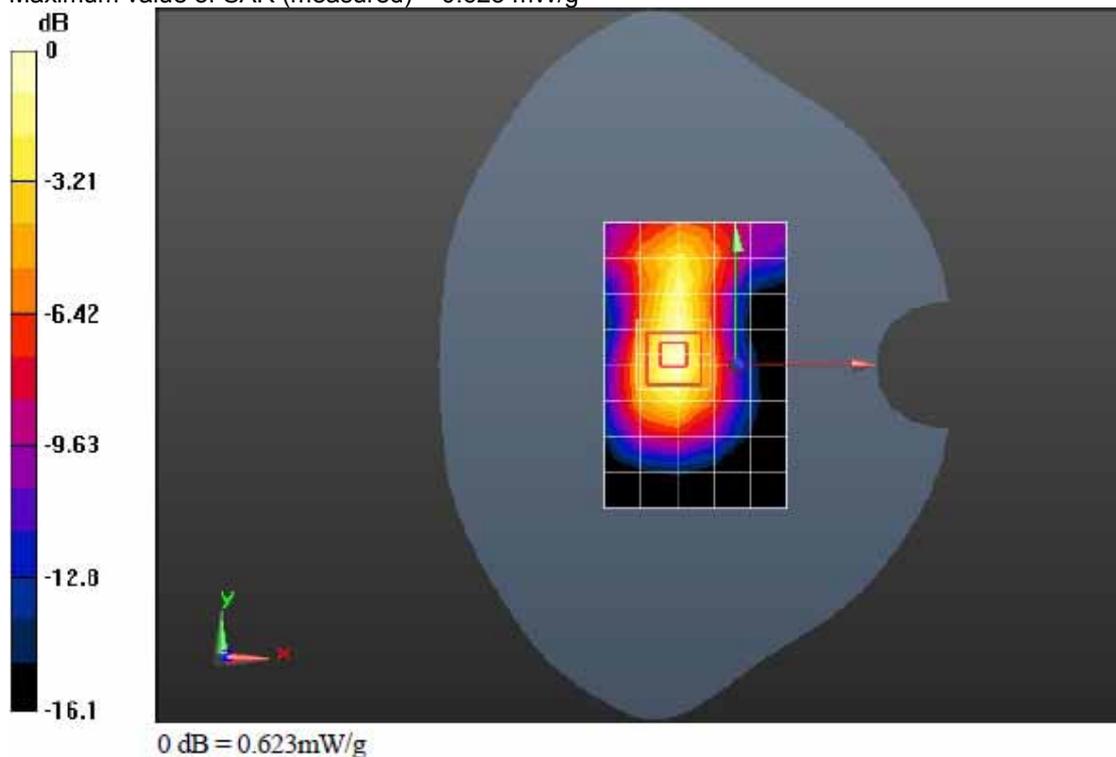Maximum value of SAR (measured) = 0.614 mW/g

E353u-6/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.6 V/m; Power Drift = -0.199 dB

Peak SAR (extrapolated) = 0.941 W/kg

SAR(1 g) = 0.553 mW/g; SAR(10 g) = 0.304 mW/g

Maximum value of SAR (measured) = 0.623 mW/g

0 dB = 0.623mW/g

Additional information:

position or distance of DUT to SAM: 5 mm

ambient temperature: 23.0 °C; liquid temperature: 22.5°C

P1528_OET65-GPRS (1 timeslots in uplink) with ThinkPad T61 rear side-GSM1900

DUT: E353u-6

Communication System: HW-GSM/GPRS/EDGE 1TS; Frequency: 1850.2 MHz

Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.5 mho/m; ε_r = 51; ρ = 1000 kg/m3

Phantom section: Flat Section

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

DASY5 Configuration:

ıProbe: ES3DV3 - SN3168; ConvF(4.62, 4.62, 4.62); Calibrated: 2009-12-18

ıSensor-Surface: 4mm (Mechanical Surface Detection)

ıElectronics: DAE4 Sn852; Calibrated: 2009-12-18

ıPhantom: SAM2; Type: SAM; Serial: TP-1474

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

E353u-6/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.767 mW/g

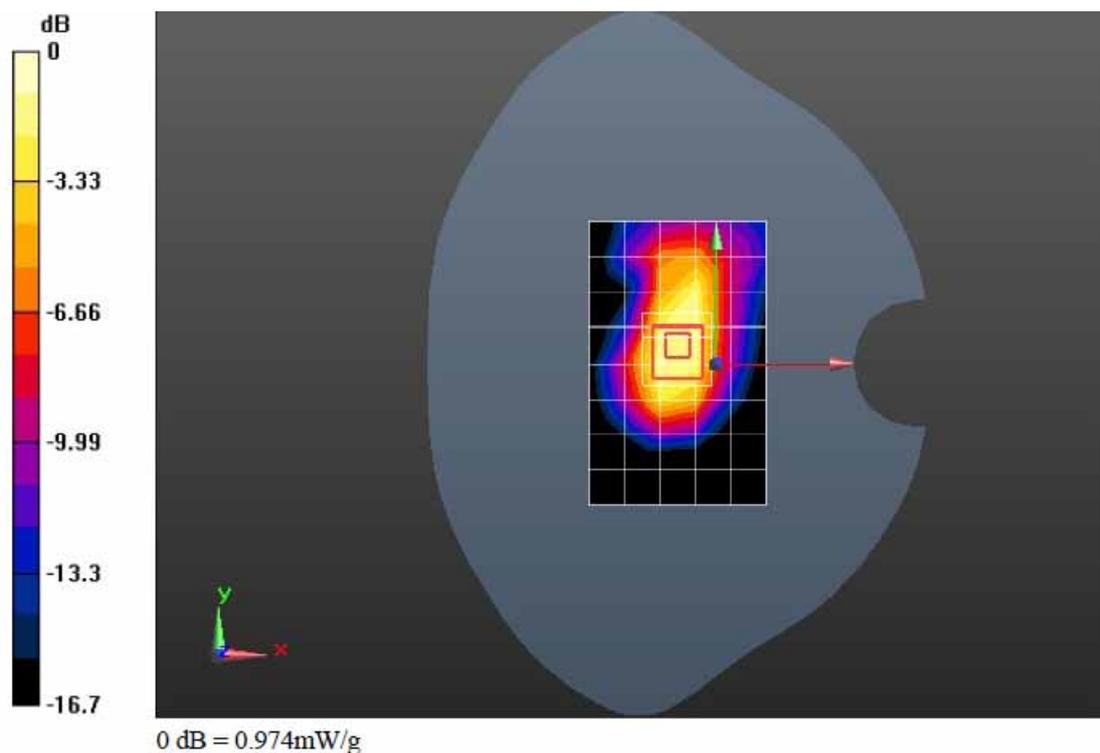**E353u-6/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.8 V/m; Power Drift = -0.110 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.873 mW/g; SAR(10 g) = 0.495 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.974 mW/g

0 dB = 0.974mW/g

Additional information:

position or distance of DUT to SAM: 5 mm

ambient temperature: 23.0 °C; liquid temperature: 22.5°C

Date/Time: 2010-12-11 16:01:51

P1528_OET65-GPRS (1 timeslots in uplink) with ThinkPad T61 rear side-GSM1900

DUT: E353u-6

Communication System: HW-GSM/GPRS/EDGE 1TS; Frequency: 1909.8 MHz
Medium parameters used: f = 1910 MHz; σ = 1.56 mho/m; ε_r = 50.8; ρ = 1000 kg/m3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:
ιProbe: ES3DV3 - SN3168; ConvF(4.62, 4.62, 4.62); Calibrated: 2009-12-18
ιSensor-Surface: 4mm (Mechanical Surface Detection)
ιElectronics: DAE4 Sn852; Calibrated: 2009-12-18
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)

E353u-6/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
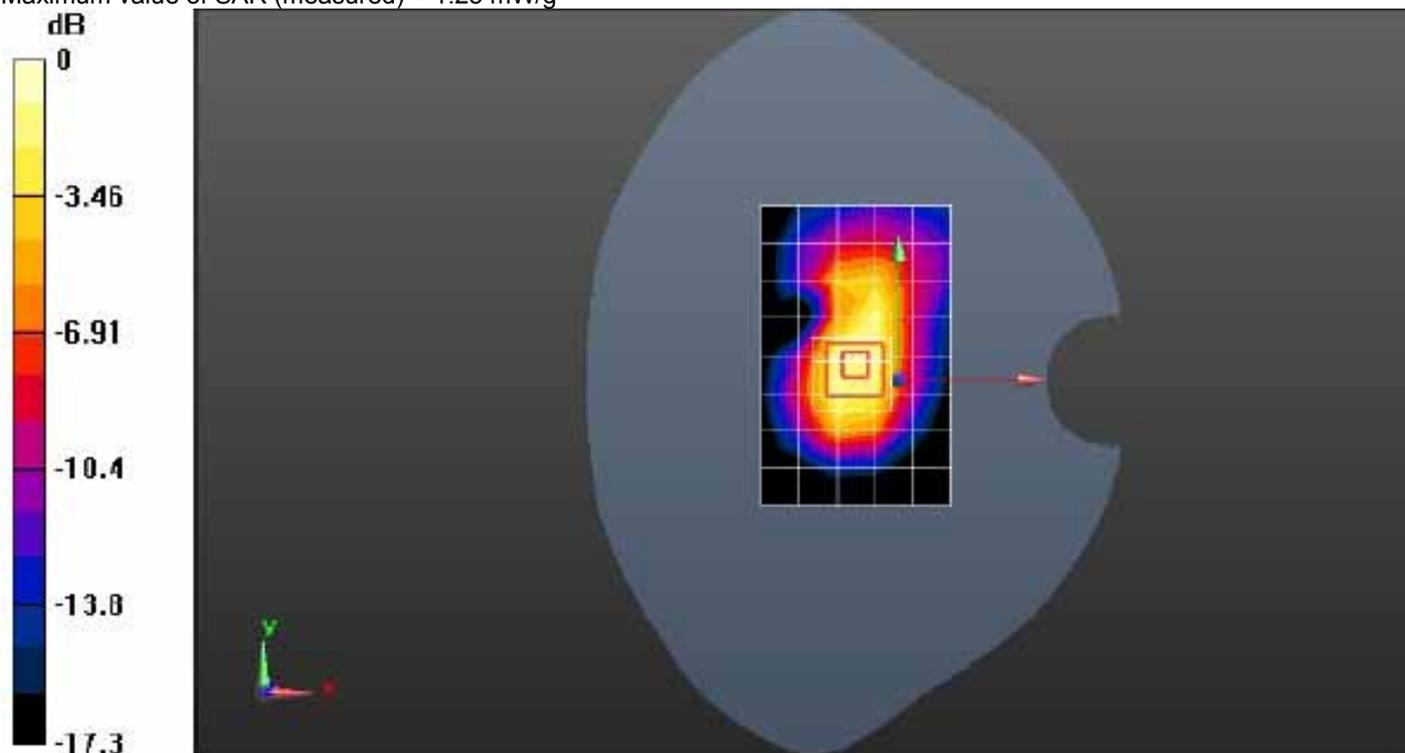Maximum value of SAR (measured) = 0.938 mW/g
E353u-6/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.8 V/m; Power Drift = -0.015 dB
Peak SAR (extrapolated) = 1.89 W/kg
SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.634 mW/g
Maximum value of SAR (measured) = 1.25 mW/g

Additional information:
position or distance of DUT to SAM: 5 mm
ambient temperature: 23.0 °C; liquid temperature: 22.5°C

P1528_OET65-EGPRS (1 timeslots in uplink) with ThinkPad T61 front side-GSM1900

DUT: E353u-6

Communication System: HW-GSM/GPRS/EDGE 1TS; Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 50.9; ρ = 1000 kg/m3

Phantom section: Flat Section

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

DASY5 Configuration:

ıProbe: ES3DV3 - SN3168; ConvF(4.62, 4.62, 4.62); Calibrated: 2009-12-18

ıSensor-Surface: 4mm (Mechanical Surface Detection)

ıElectronics: DAE4 Sn852; Calibrated: 2009-12-18

ıPhantom: SAM2; Type: SAM; Serial: TP-1474

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

E353u-6/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

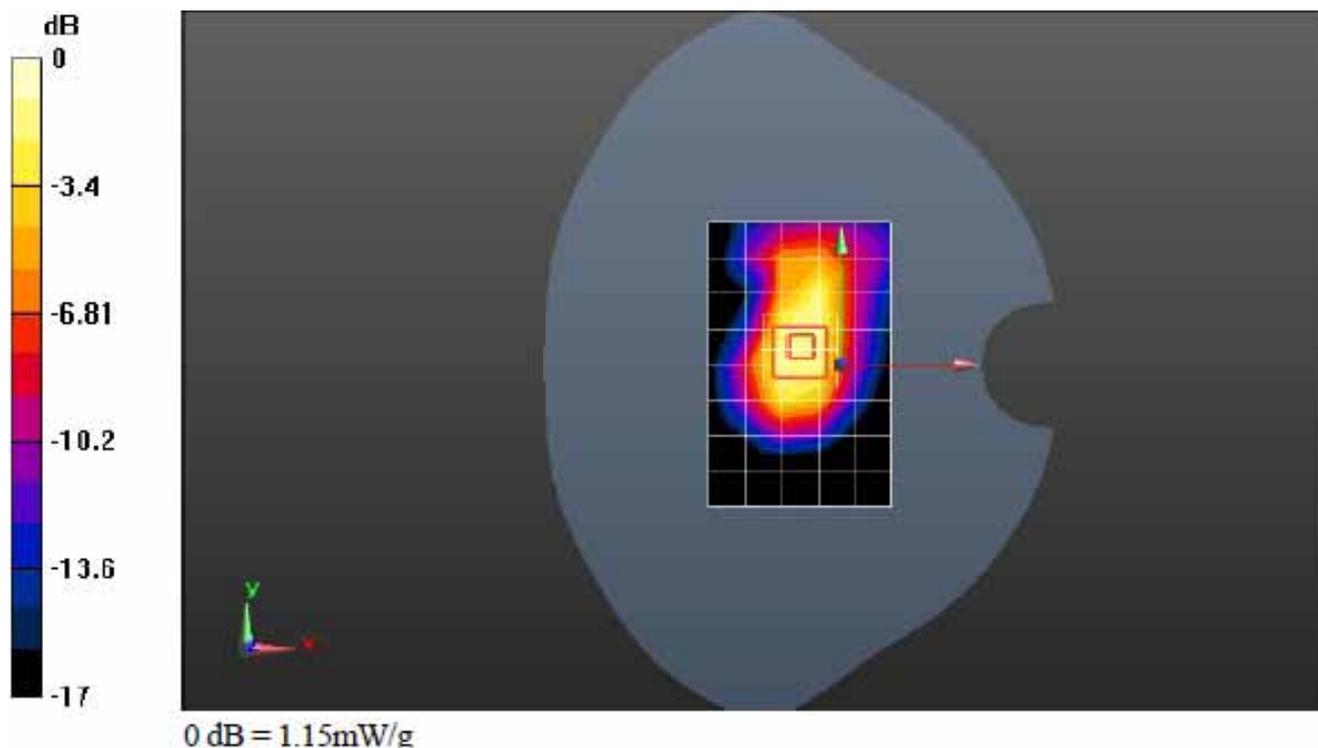Maximum value of SAR (measured) = 0.911 mW/g

E353u-6/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.7 V/m; Power Drift = -0.00161 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.581 mW/g

Maximum value of SAR (measured) = 1.15 mW/g

0 dB = 1.15mW/g

Additional information:

position or distance of DUT to SAM: 5 mm

ambient temperature: 23.0 °C; liquid temperature: 22.5°C

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Date/Time: 2010-12-11 17:13:12

P1528_OET65-EGPRS (2 timeslots in uplink) with ThinkPad T61 front side-GSM1900

DUT: E353u-6
Communication System: HW-GSM/GPRS/EDGE 2TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; $ε_r$ = 50.9; ρ = 1000 kg/m3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:
ι Probe: ES3DV3 - SN3168; ConvF(4.62, 4.62, 4.62); Calibrated: 2009-12-18
ι Sensor-Surface: 4mm (Mechanical Surface Detection)
ι Electronics: DAE4 Sn852; Calibrated: 2009-12-18
ι Phantom: SAM2; Type: SAM; Serial: TP-1474
ι Measurement SW: DASY5, V5.2 Build 157; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685) (Deployment Build)
E353u-6/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
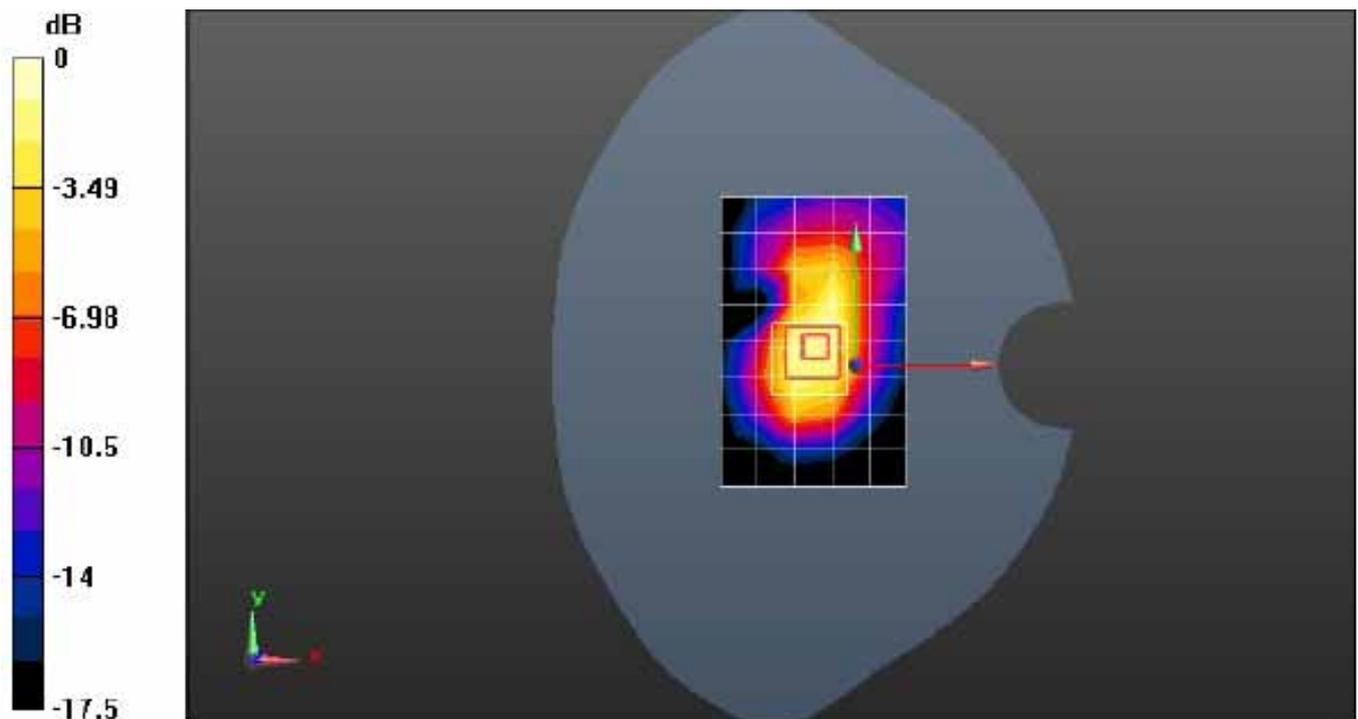Maximum value of SAR (measured) = 0.583 mW/g
E353u-6/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23 V/m; Power Drift = -0.118 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.692 mW/g; SAR(10 g) = 0.390 mW/g
Maximum value of SAR (measured) = 0.767 mW/g

0 dB = 0.767mW/g

Additional information:
position or distance of DUT to SAM: 5 mm
ambient temperature: 23.0 °C; liquid temperature: 22.5°C

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Date/Time: 2010-12-11 17:39:07

P1528_OET65-EGPRS (3 timeslots in uplink) with ThinkPad T61 front side-GSM1900

DUT: E353u-6
Communication System: HW-GSM/GPRS/EDGE 3TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; $ε_r$ = 50.9; ρ = 1000 kg/m3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:
ιProbe: ES3DV3 - SN3168; ConvF(4.62, 4.62, 4.62); Calibrated: 2009-12-18
ιSensor-Surface: 4mm (Mechanical Surface Detection)
ιElectronics: DAE4 Sn852; Calibrated: 2009-12-18
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)
E353u-6/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
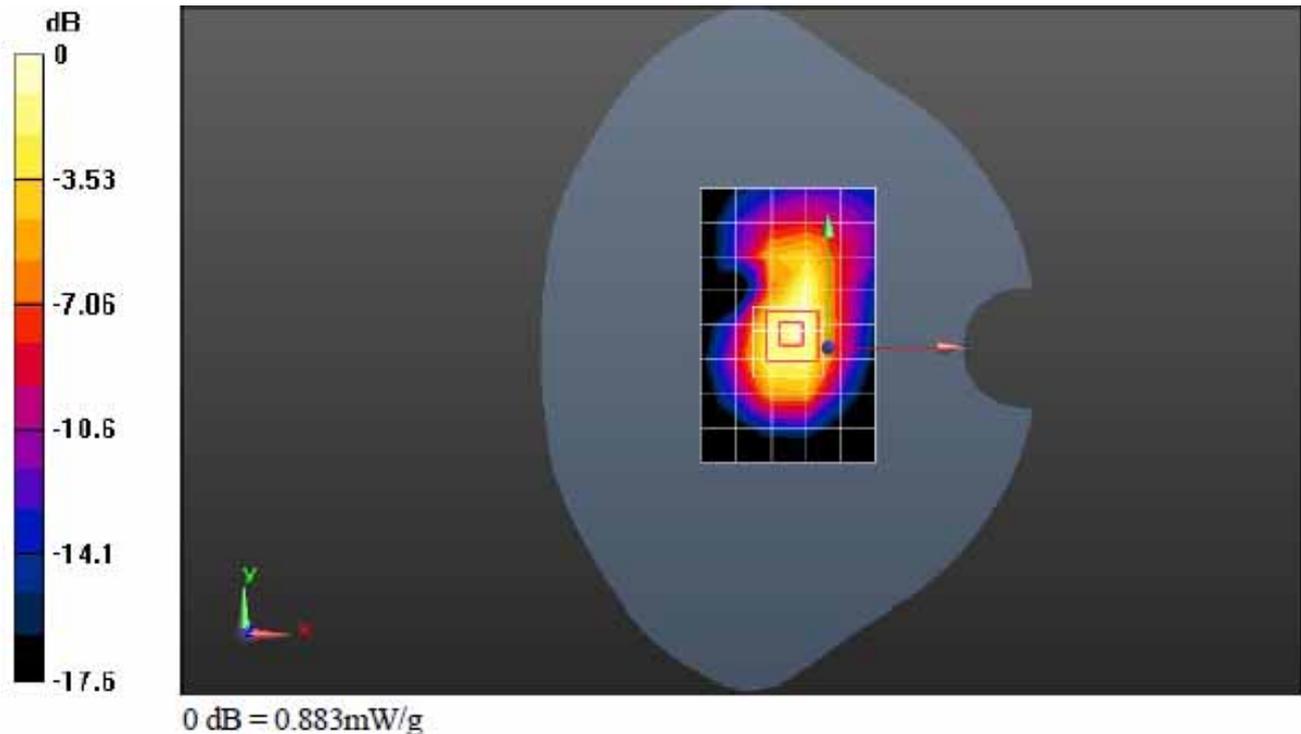Maximum value of SAR (measured) = 0.760 mW/g
E353u-6/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.4 V/m; Power Drift = -0.185 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.798 mW/g; SAR(10 g) = 0.451 mW/g
Maximum value of SAR (measured) = 0.883 mW/g

0 dB = 0.883mW/g

Additional information:
position or distance of DUT to SAM: 5 mm
ambient temperature: 23.0 °C; liquid temperature: 22.5°C

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P1528_OET65-EGPRS (4 timeslots in uplink) with ThinkPad T61 front side-GSM1900

DUT: E353u-6

Communication System: HW-GSM/GPRS/EDGE 4TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; $ε_r$ = 50.9; ρ = 1000 kg/m3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:
ı Probe: ES3DV3 - SN3168; ConvF(4.62, 4.62, 4.62); Calibrated: 2009-12-18
ı Sensor-Surface: 4mm (Mechanical Surface Detection)
ı Electronics: DAE4 Sn852; Calibrated: 2009-12-18
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)

E353u-6/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
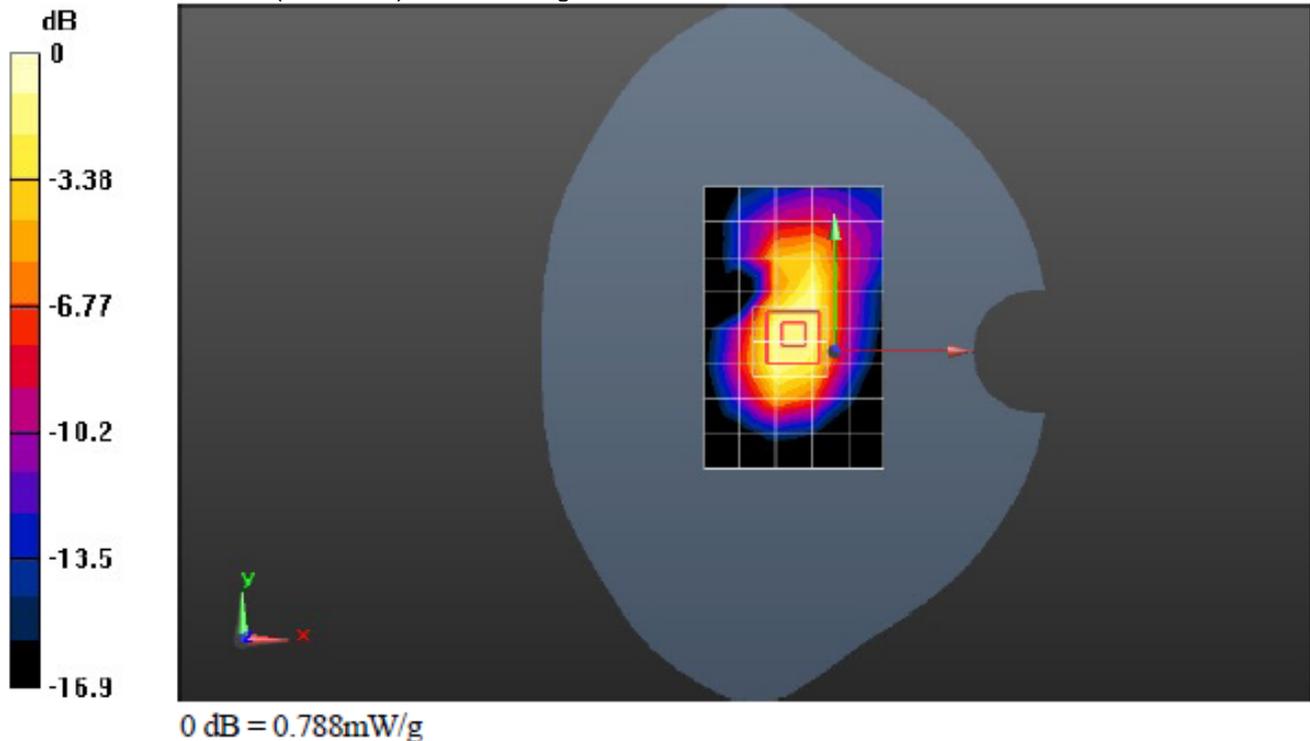Maximum value of SAR (measured) = 0.610 mW/g
E353u-6/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.9 V/m; Power Drift = -0.00325 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.711 mW/g; SAR(10 g) = 0.403 mW/g
Maximum value of SAR (measured) = 0.788 mW/g

0 dB = 0.788mW/g

Additional information:
position or distance of DUT to SAM: 5 mm
ambient temperature: 23.0 °C; liquid temperature: 22.5°C

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Date/Time: 2010-12-13 23:02:14

P1528_OET65-EGPRS (1 timeslots in uplink) with ThinkPad T61 rear side-GSM1900

DUT: E353u-6

Communication System: HW-GSM/GPRS/EDGE 1TS; Frequency: 1850.2 MHz

Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.5 mho/m; $ε_r$ = 51; ρ = 1000 kg/m3

Phantom section: Flat Section

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

DASY5 Configuration:

ιProbe: ES3DV3 - SN3168; ConvF(4.62, 4.62, 4.62); Calibrated: 2009-12-18

ιSensor-Surface: 4mm (Mechanical Surface Detection)

ιElectronics: DAE4 Sn852; Calibrated: 2009-12-18

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)

E353u-6/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

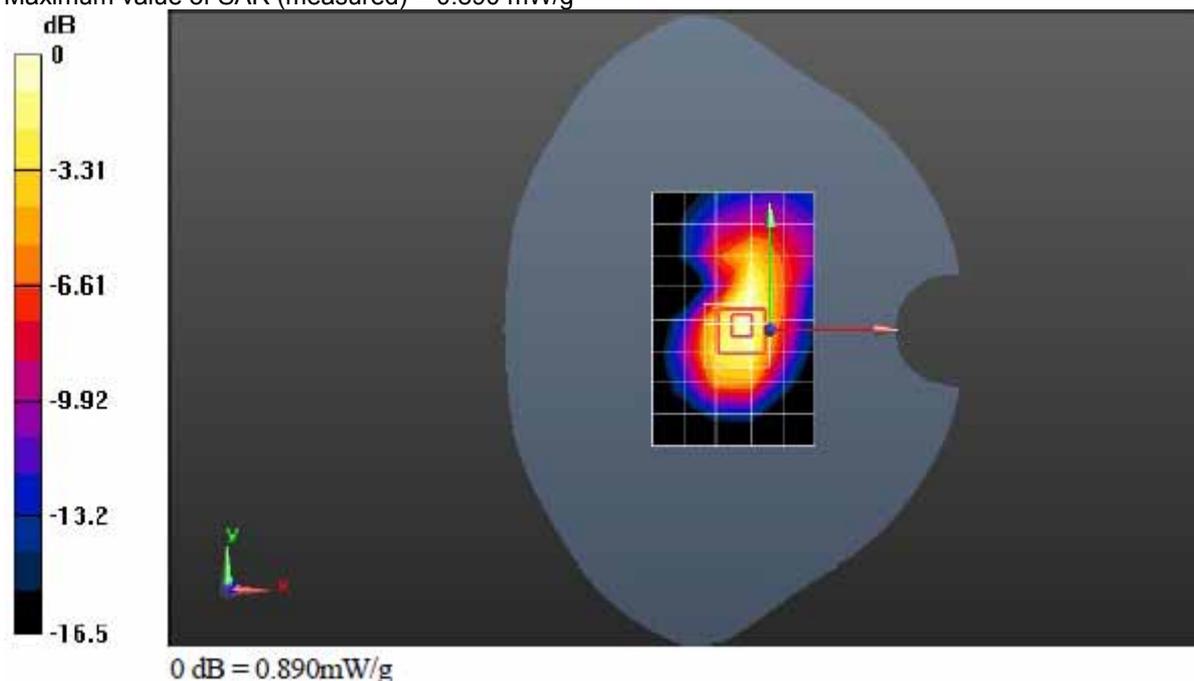Maximum value of SAR (measured) = 0.849 mW/g

E353u-6/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.8 V/m; Power Drift = -0.161 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.814 mW/g; SAR(10 g) = 0.466 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.890 mW/g

0 dB = 0.890mW/g

Additional information:

position or distance of DUT to SAM: 5 mm

ambient temperature: 23.0 °C; liquid temperature: 22.5°

Date/Time: 2010-12-13 23:30:57

P1528_OET65-EGPRS (1 timeslots in uplink) with ThinkPad T61 rear side-GSM1900

DUT: E353u-6

Communication System: HW-GSM/GPRS/EDGE 1TS; Frequency: 1909.8 MHz
Medium parameters used: f = 1910 MHz; σ = 1.56 mho/m; ε_r = 50.8; ρ = 1000 kg/m3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:
ιProbe: ES3DV3 - SN3168; ConvF(4.62, 4.62, 4.62); Calibrated: 2009-12-18
ιSensor-Surface: 4mm (Mechanical Surface Detection)
ιElectronics: DAE4 Sn852; Calibrated: 2009-12-18
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)

E353u-6/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
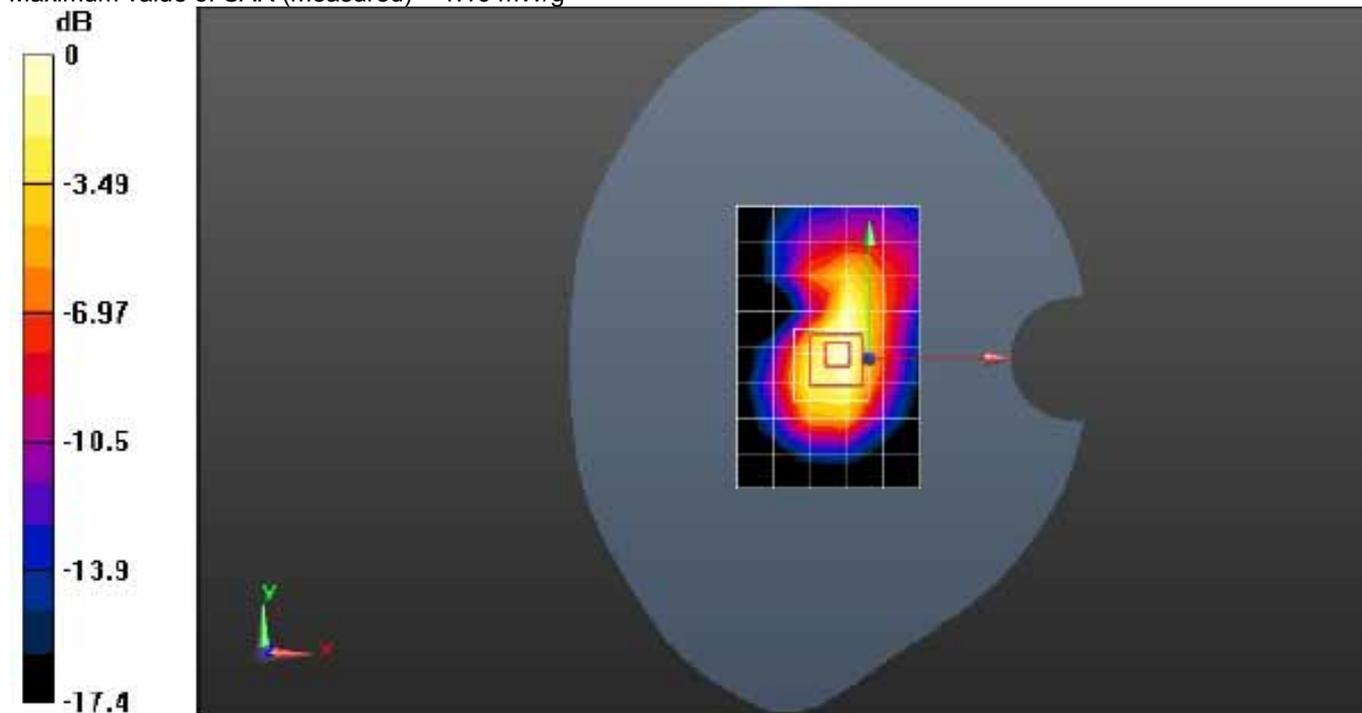Maximum value of SAR (measured) = 1.11 mW/g
E353u-6/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.5 V/m; Power Drift = -0.191 dB
Peak SAR (extrapolated) = 1.78 W/kg
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.602 mW/g
Maximum value of SAR (measured) = 1.16 mW/g

0 dB = 1.16mW/g

Additional information:
position or distance of DUT to SAM: 5 mm
ambient temperature: 23.0 °C; liquid temperature: 22.5°C

Annex 2.3   WCDMA 850MHz body

Date/Time: 2010-12-10 9:31:51

P1528_OET65-WCDMA with ThinkPad T61 front side-WCDMA850

DUT: E353u-6

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.963 mho/m; ε_r = 53; ρ = 1000 kg/m3

Phantom section: Flat Section

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

DASY5 Configuration:

ı Probe: ES3DV3 - SN3168; ConvF(5.97, 5.97, 5.97); Calibrated: 2009-12-18

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

ı Electronics: DAE4 Sn852; Calibrated: 2009-12-18

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)

E353u-6/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

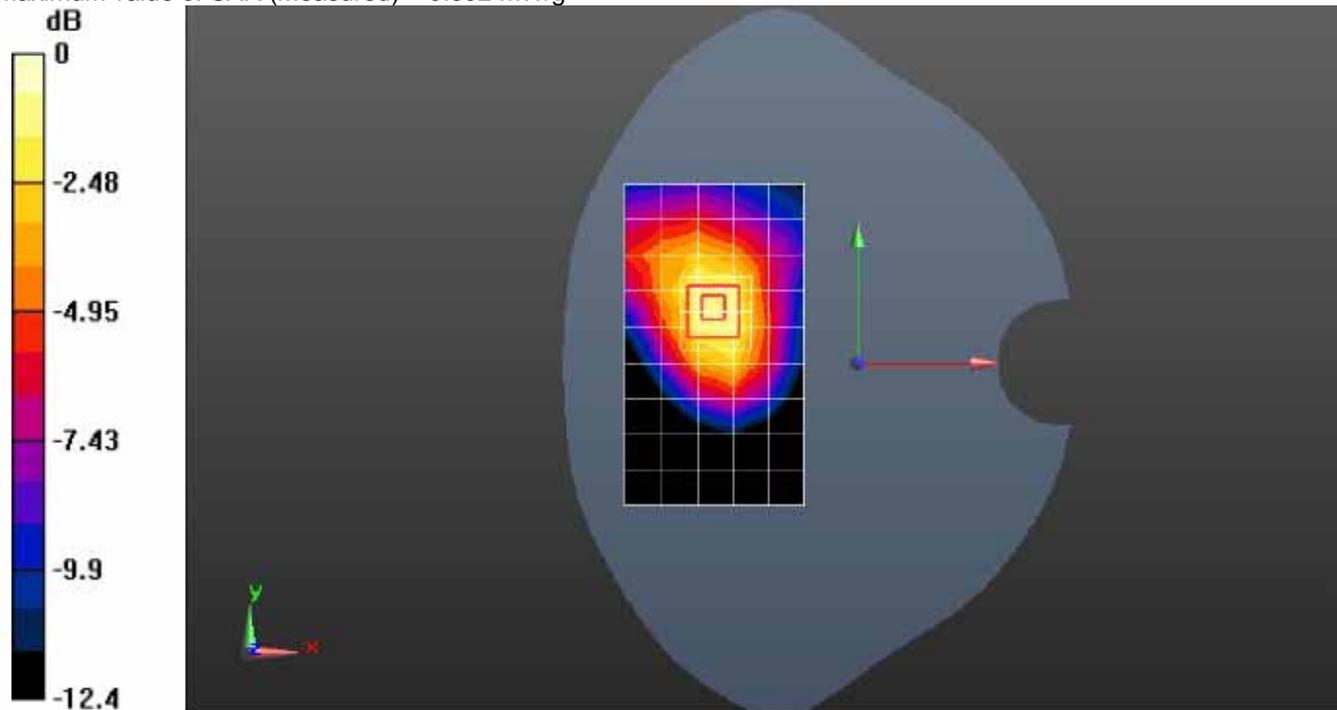Maximum value of SAR (measured) = 0.729 mW/g

E353u-6/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.43 V/m; Power Drift = 0.034 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.813 mW/g; SAR(10 g) = 0.505 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.892 mW/g

0 dB = 0.892mW/g

Additional information:

position or distance of DUT to SAM: 5 mm

ambient temperature: 22.0 °C; liquid temperature: 22.4 °C

P1528_OET65-WCDMA with ThinkPad T61 back side-WCDMA850

DUT: E353u-6

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.963 mho/m; ε_r = 53; ρ = 1000 kg/m3

Phantom section: Flat Section

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

DASY5 Configuration:

ιProbe: ES3DV3 - SN3168; ConvF(5.97, 5.97, 5.97); Calibrated: 2009-12-18

ιSensor-Surface: 4mm (Mechanical Surface Detection)

ιElectronics: DAE4 Sn852; Calibrated: 2009-12-18

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)

E353u-6/Body/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
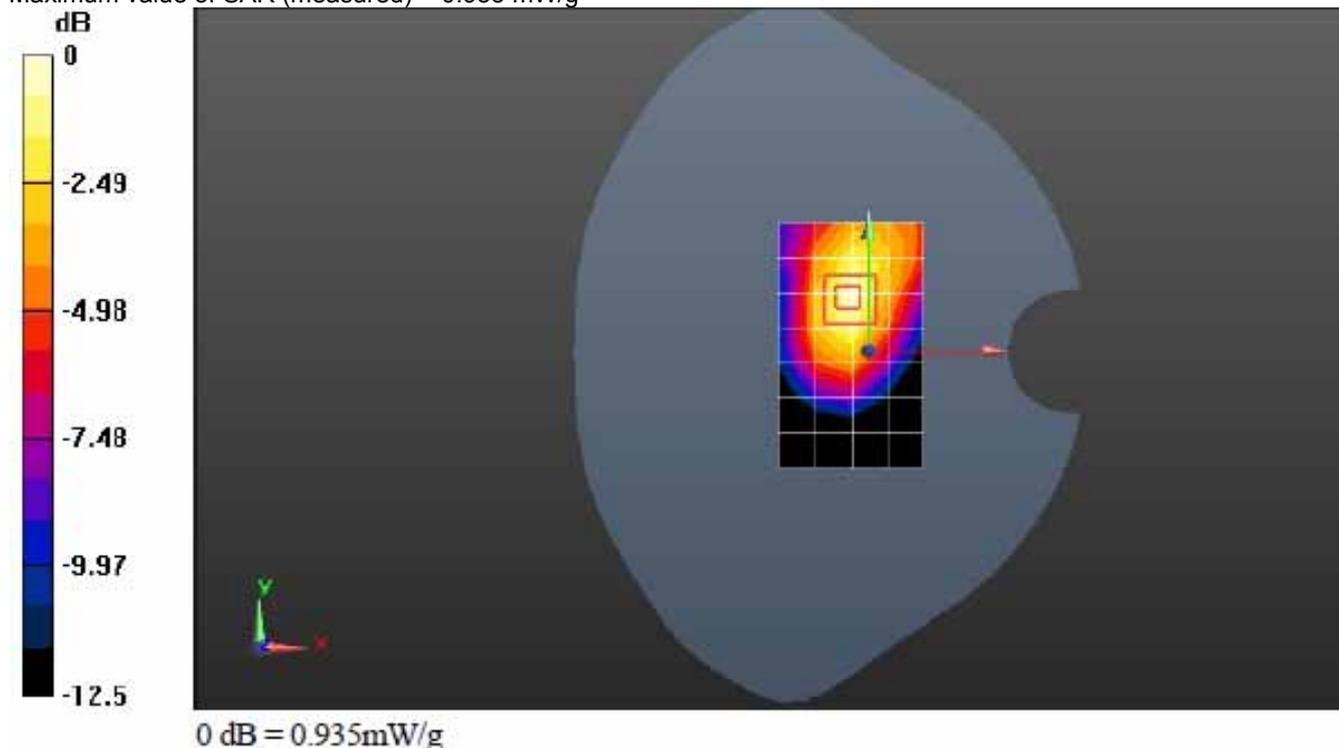
Maximum value of SAR (measured) = 0.916 mW/g

E353u-6/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.6 V/m; Power Drift = -0.072 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.859 mW/g; SAR(10 g) = 0.522 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.935 mW/g

0 dB = 0.935mW/g

Additional information:

position or distance of DUT to SAM: 5 mm

ambient temperature: 22.0 °C; liquid temperature: 22.4 °C

Date/Time: 2010-12-10 2:57:02

P1528_OET65-WCDMA with ThinkPad T61 left side-WCDMA850

DUT: E353u-6

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.963 mho/m; εr = 53; ρ = 1000 kg/m3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:
ıProbe: ES3DV3 - SN3168; ConvF(5.97, 5.97, 5.97); Calibrated: 2009-12-18
ıSensor-Surface: 4mm (Mechanical Surface Detection)
ıElectronics: DAE4 Sn852; Calibrated: 2009-12-18
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)

E353u-6/Body/Area Scan (7x11x1): Measurement grid: dx=10mm, dy=10mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.319 mW/g
E353u-6/Body/Zoom Scan (6x6x6)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=8mm
Reference Value = 18.3 V/m; Power Drift = 0.021 dB
Peak SAR (extrapolated) = 0.447 W/kg
SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.209 mW/g
Info: Interpolated medium parameters used for SAR evaluation.

0 dB = 0.319mW/g

Additional information:
position or distance of DUT to SAM: 5 mm
ambient temperature: 22.0 °C; liquid temperature: 22.4°C

Date/Time: 2010-12-10 0:53:17

P1528_OET65-WCDMA with ThinkPad T61 right side-WCDMA850

DUT: E353u-6

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.963 mho/m; ε_r = 53; ρ = 1000 kg/m3

Phantom section: Flat Section

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

DASY5 Configuration:

ιProbe: ES3DV3 - SN3168; ConvF(5.97, 5.97, 5.97); Calibrated: 2009-12-18

ιSensor-Surface: 4mm (Mechanical Surface Detection)

ιElectronics: DAE4 Sn852; Calibrated: 2009-12-18

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)

E353u-6/Body/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
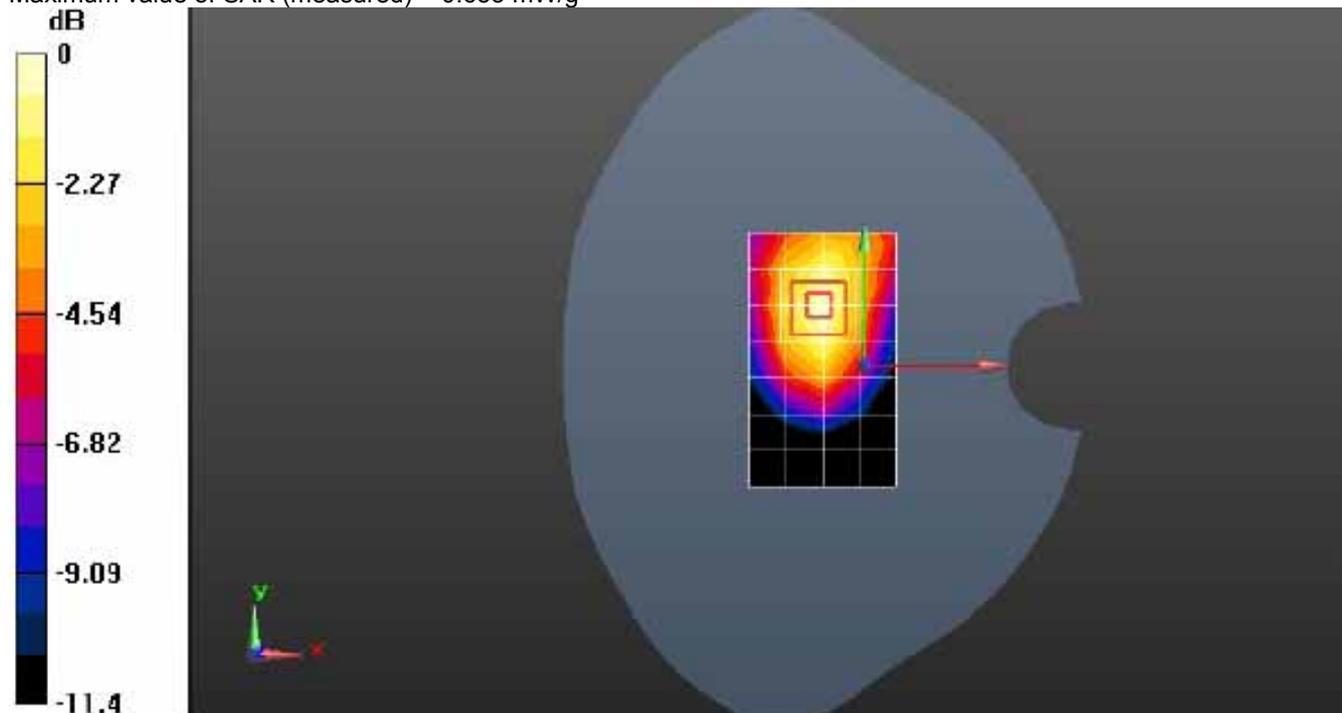
Maximum value of SAR (measured) = 0.658 mW/g

E353u-6/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.6 V/m; Power Drift = -0.061 dB

Peak SAR (extrapolated) = 0.924 W/kg

SAR(1 g) = 0.596 mW/g; SAR(10 g) = 0.375 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.655 mW/g

0 dB = 0.655mW/g

Additional information:

position or distance of DUT to SAM: 5 mm

ambient temperature: 22.0 °C; liquid temperature: 22.4 °C

Date/Time: 2010-12-10 0:19:52

P1528_OET65-WCDMA with ThinkPad T61 rear side-WCDMA850

DUT: E353u-6

Communication System: HW-UMTS-FDD; Frequency: 826.4 MHz

Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.947 mho/m; ε_r = 53.3; ρ = 1000 kg/m3

Phantom section: Flat Section

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

DASY5 Configuration:

ıProbe: ES3DV3 - SN3168; ConvF(5.97, 5.97, 5.97); Calibrated: 2009-12-18

ıSensor-Surface: 4mm (Mechanical Surface Detection)

ıElectronics: DAE4 Sn852; Calibrated: 2009-12-18

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)

E353u-6/Body/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
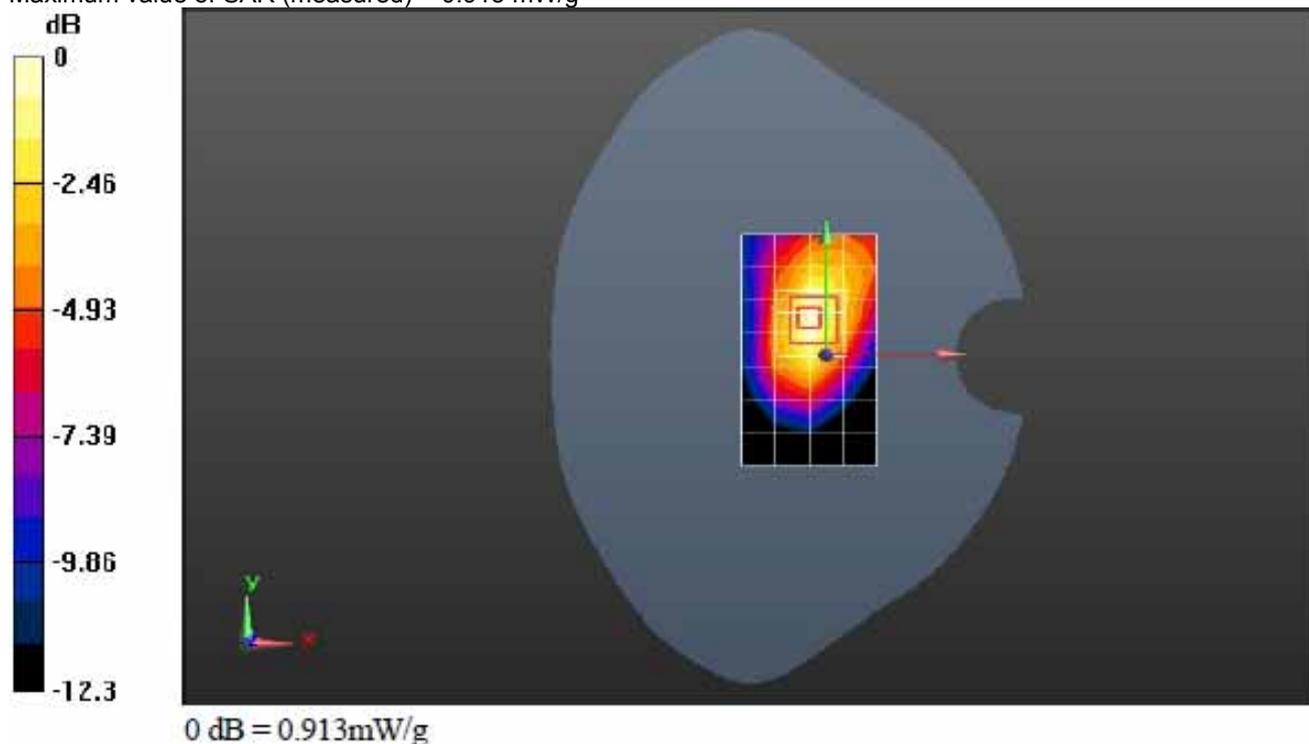
Maximum value of SAR (measured) = 0.870 mW/g

E353u-6/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.9 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.836 mW/g; SAR(10 g) = 0.504 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.913 mW/g

0 dB = 0.913mW/g

Additional information:

position or distance of DUT to SAM: 5 mm

ambient temperature: 22.0 °C; liquid temperature: 22.4 °C