Appendix B. SAR Measurement Plots

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LTE Band II Body

Date/Time: 11/15/2011 14:58:12, Date/Time: 11/15/2011 15:05:07

Test Laboratory: Huawei SAR Lab

E397u-53 LTE Band II 10M QPSK 50%RB#13 19150CH Front side 5mm

DUT: E397u-53; Type: LTE Multi-mode USB Rotator; Serial: SAR1

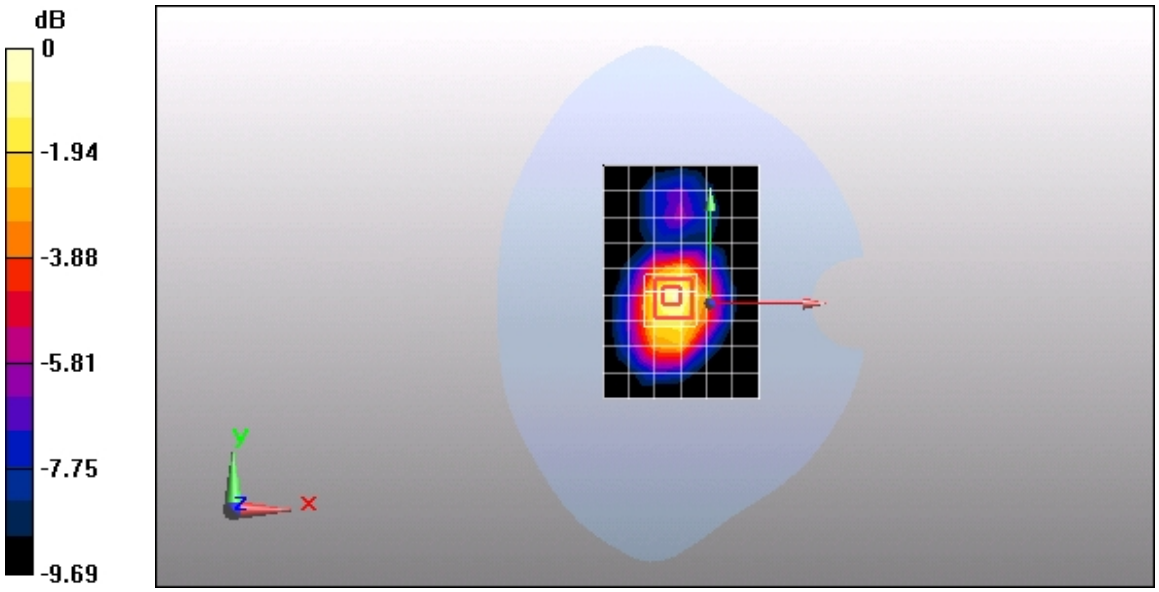
Communication System: LTE-FDD(SC-FDMA,1RB/50%RB/100%RB,10MHz,QPSK/16QAM); Frequency: 1905 MHz
Medium parameters used: f = 1905 MHz; σ = 1.52 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 11/18/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.2 V/m; Power Drift = -0.028 dB
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 0.987 mW/g; SAR(10 g) = 0.618 mW/g
Maximum value of SAR (measured) = 1.07 mW/g



0 dB = 1.07mW/g

Date/Time: 11/15/2011 14:33:43, Date/Time: 11/15/2011 14:40:39

Test Laboratory: Huawei SAR Lab

E397u-53 LTE Band II 10M QPSK 50%RB#13 18900CH Front side 5mm

DUT: E397u-53; Type: LTE Multi-mode USB Rotator; Serial: SAR1

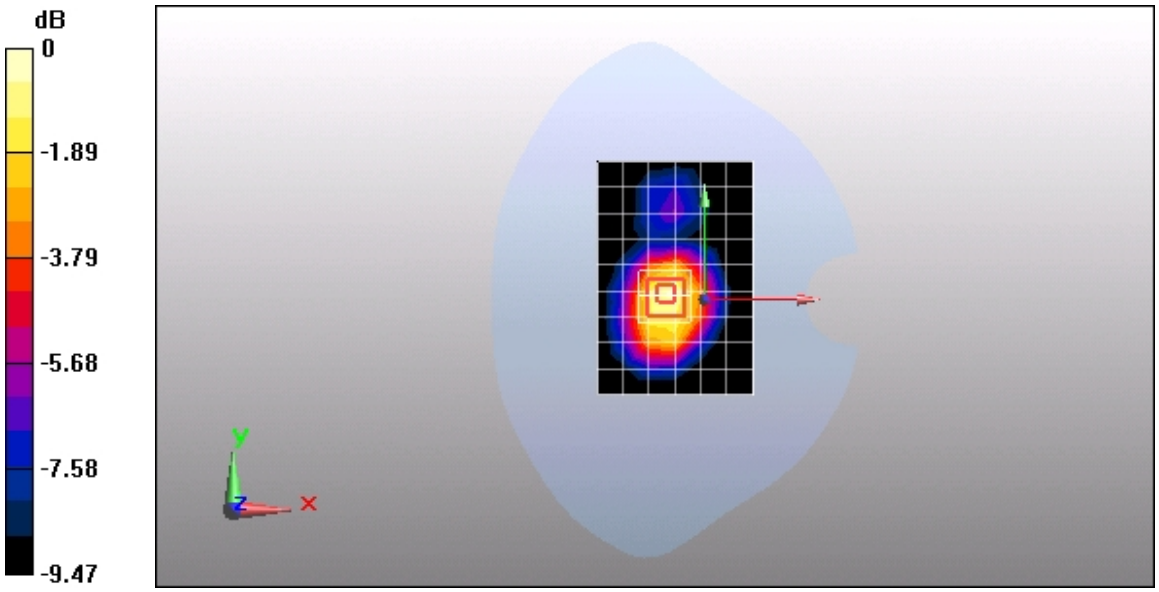
Communication System: LTE-FDD(SC-FDMA,1RB/50%RB/100%RB,10MHz,QPSK/16QAM); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 11/18/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.907 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.2 V/m; Power Drift = 0.044 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.902 mW/g; SAR(10 g) = 0.572 mW/g
Maximum value of SAR (measured) = 0.979 mW/g



0 dB = 0.979mW/g

Date/Time: 11/15/2011 15:21:48, Date/Time: 11/15/2011 15:28:44

Test Laboratory: Huawei SAR Lab

E397u-53 LTE Band II 10M QPSK 50%RB#13 18650CH Front side 5mm

DUT: E397u-53; Type: LTE Multi-mode USB Rotator; Serial: SAR1

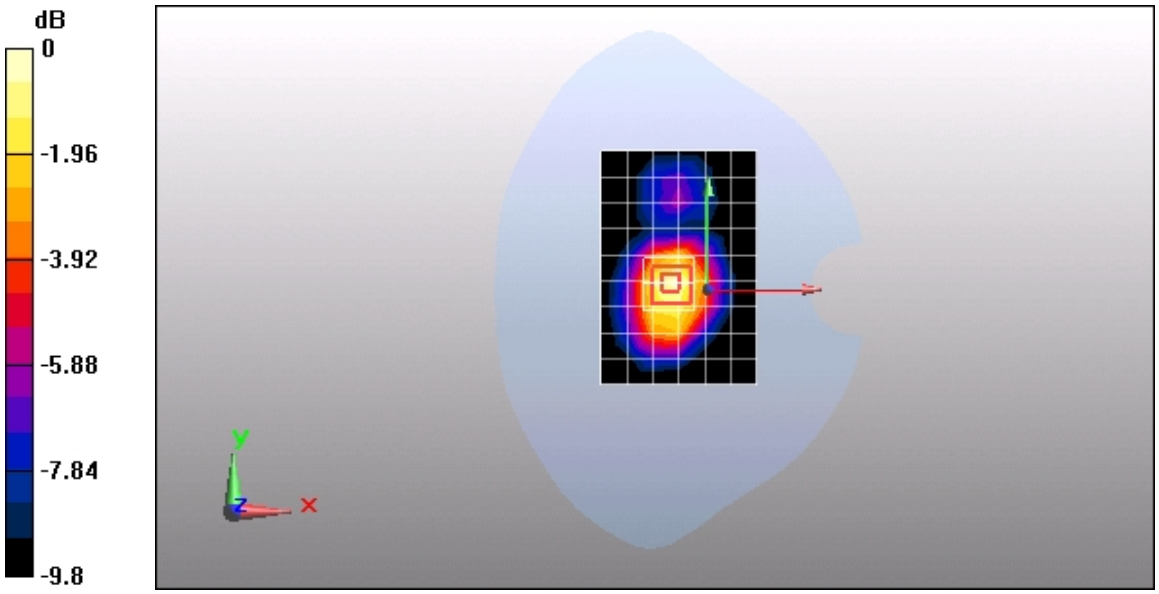
Communication System: LTE-FDD(SC-FDMA,1RB/50%RB/100%RB,10MHz,QPSK/16QAM); Frequency: 1855 MHz
Medium parameters used: f = 1855 MHz; σ = 1.48 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 11/18/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.958 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25 V/m; Power Drift = -0.025 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.945 mW/g; SAR(10 g) = 0.593 mW/g
Maximum value of SAR (measured) = 1.02 mW/g



0 dB = 1.02mW/g

Date/Time: 11/15/2011 20:00:42, Date/Time: 11/15/2011 20:07:37

Test Laboratory: Huawei SAR Lab

E397u-53 LTE Band II 10M QPSK 50%RB#13 18900CH Rear side 5mm

DUT: E397u-53; Type: LTE Multi-mode USB Rotator; Serial: SAR1

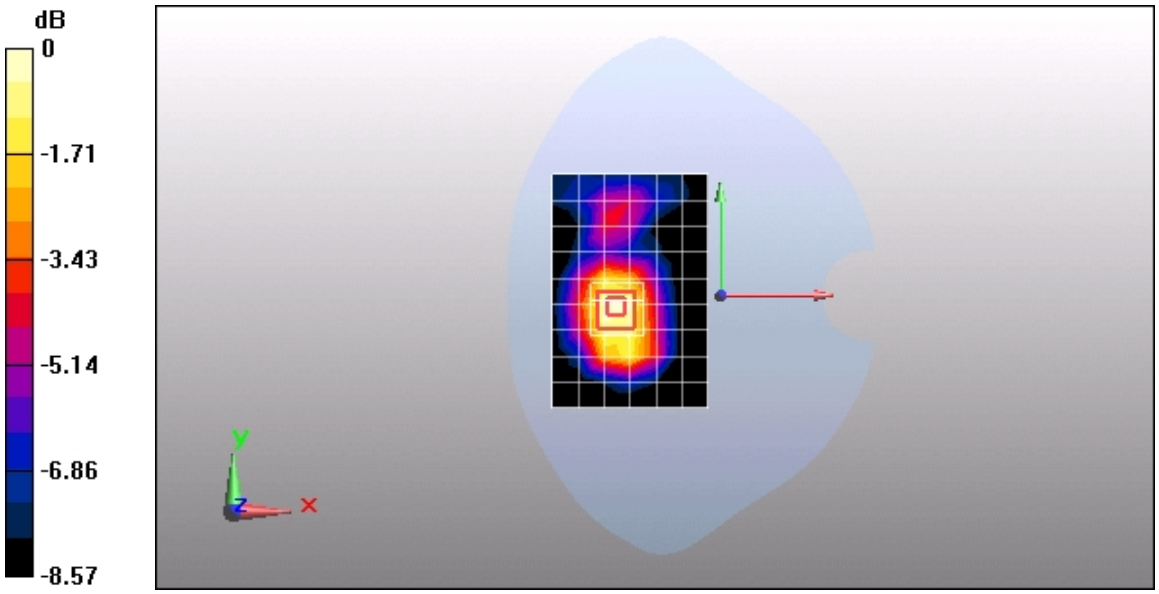
Communication System: LTE-FDD(SC-FDMA,1RB/50%RB/100%RB,10MHz,QPSK/16QAM); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 11/18/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.787 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.96 V/m; Power Drift = 0.00382 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.788 mW/g; SAR(10 g) = 0.522 mW/g
Maximum value of SAR (measured) = 0.839 mW/g



0 dB = 0.839mW/g

Date/Time: 11/15/2011 22:48:59, Date/Time: 11/15/2011 22:55:53

Test Laboratory: Huawei SAR Lab

E397u-53 LTE Band II 10M QPSK 50%RB#13 18900CH Left side 5mm

DUT: E397u-53; Type: LTE Multi-mode USB Rotator; Serial: SAR1

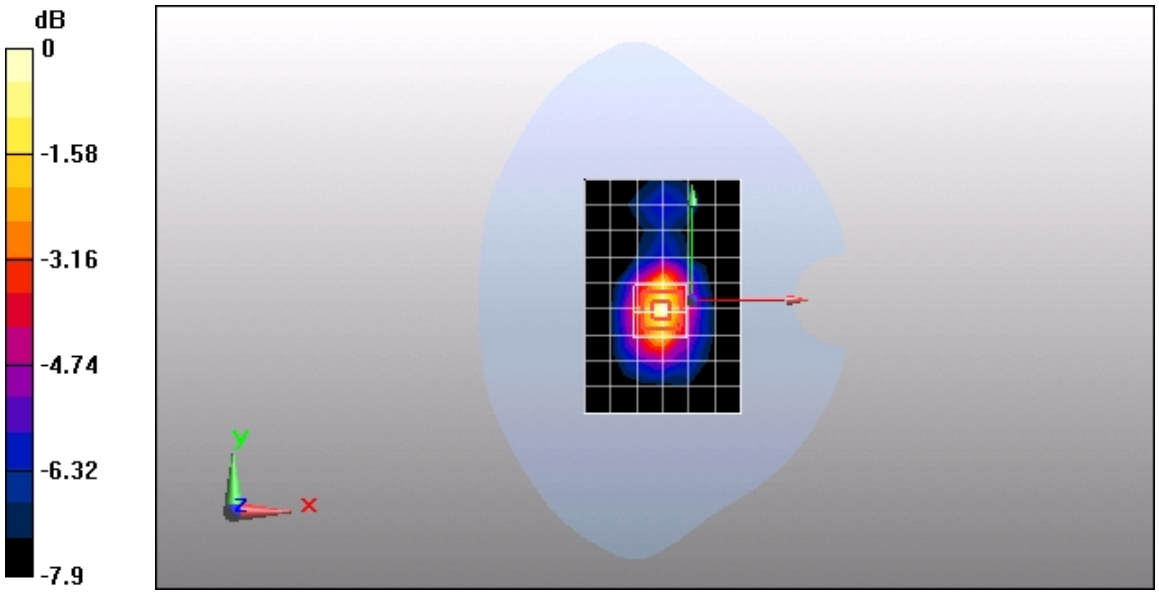
Communication System: LTE-FDD(SC-FDMA,1RB/50%RB/100%RB,10MHz,QPSK/16QAM); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 11/18/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.793 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.5 V/m; Power Drift = 0.000768 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.732 mW/g; SAR(10 g) = 0.445 mW/g
Maximum value of SAR (measured) = 0.809 mW/g



0 dB = 0.809mW/g

Date/Time: 11/16/2011 1:36:28, Date/Time: 11/16/2011 1:43:22

Test Laboratory: Huawei SAR Lab

E397u-53 LTE Band II 10M QPSK 50%RB#13 18900CH Right side 5mm

DUT: E397u-53; Type: LTE Multi-mode USB Rotator; Serial: SAR1

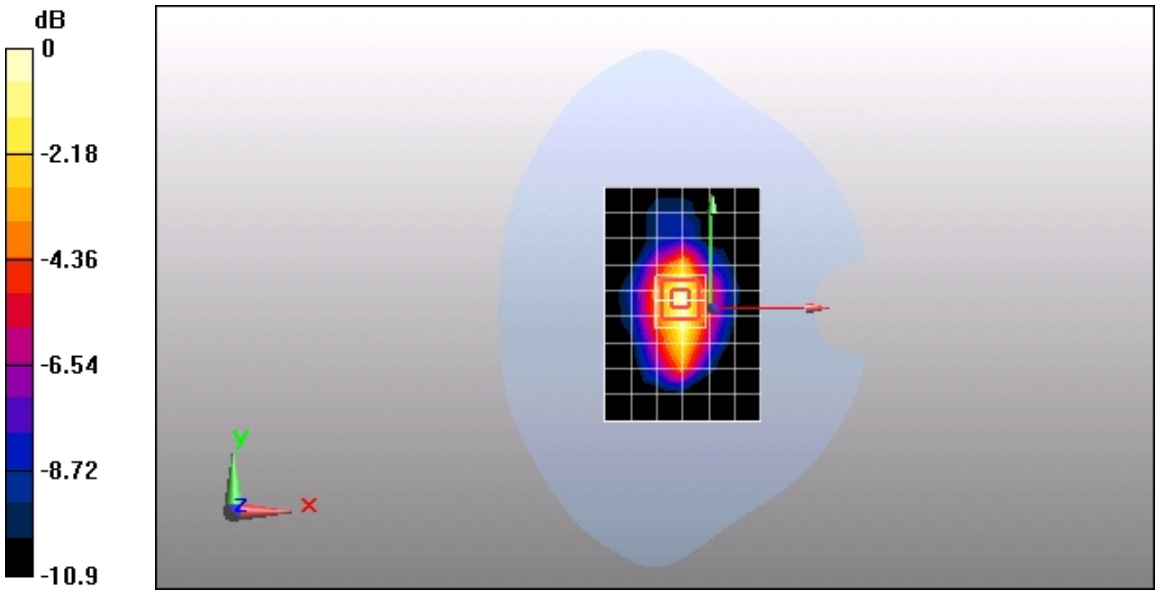
Communication System: LTE-FDD(SC-FDMA,1RB/50%RB/100%RB,10MHz,QPSK/16QAM); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 11/18/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.770 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.3 V/m; Power Drift = 0.094 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.713 mW/g; SAR(10 g) = 0.418 mW/g
Maximum value of SAR (measured) = 0.785 mW/g



0 dB = 0.785mW/g

Date/Time: 11/16/2011 8:39:08, Date/Time: 11/16/2011 8:46:30

Test Laboratory: Huawei SAR Lab

E397u-53 LTE Band II 10M QPSK 50%RB#13 18900CH Top side 5mm

DUT: E397u-53; Type: LTE Multi-mode USB Rotator; Serial: SAR1

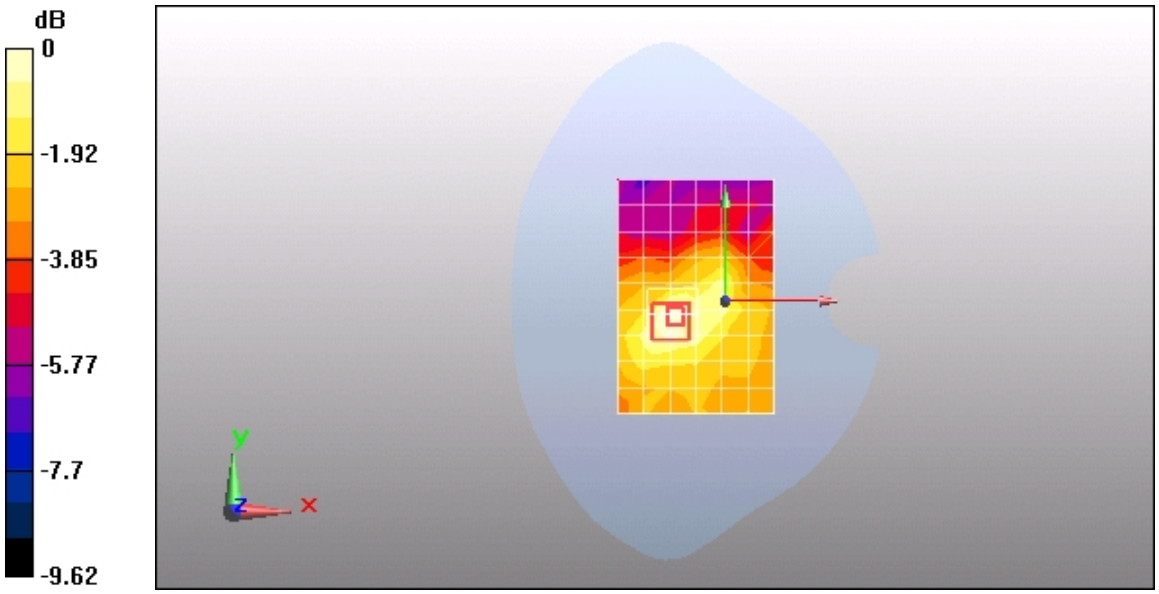
Communication System: LTE-FDD(SC-FDMA,1RB/50%RB/100%RB,10MHz,QPSK/16QAM); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 11/18/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.059 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.56 V/m; Power Drift = -0.036 dB
Peak SAR (extrapolated) = 0.098 W/kg
SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.037 mW/g
Maximum value of SAR (measured) = 0.058 mW/g



0 dB = 0.058mW/g

Date/Time: 11/15/2011 15:49:43, Date/Time: 11/15/2011 15:56:38

Test Laboratory: Huawei SAR Lab

E397u-53 LTE Band II 10M QPSK 1RB#0 18650CH Front side 5mm

DUT: E397u-53; Type: LTE Multi-mode USB Rotator; Serial: SAR1

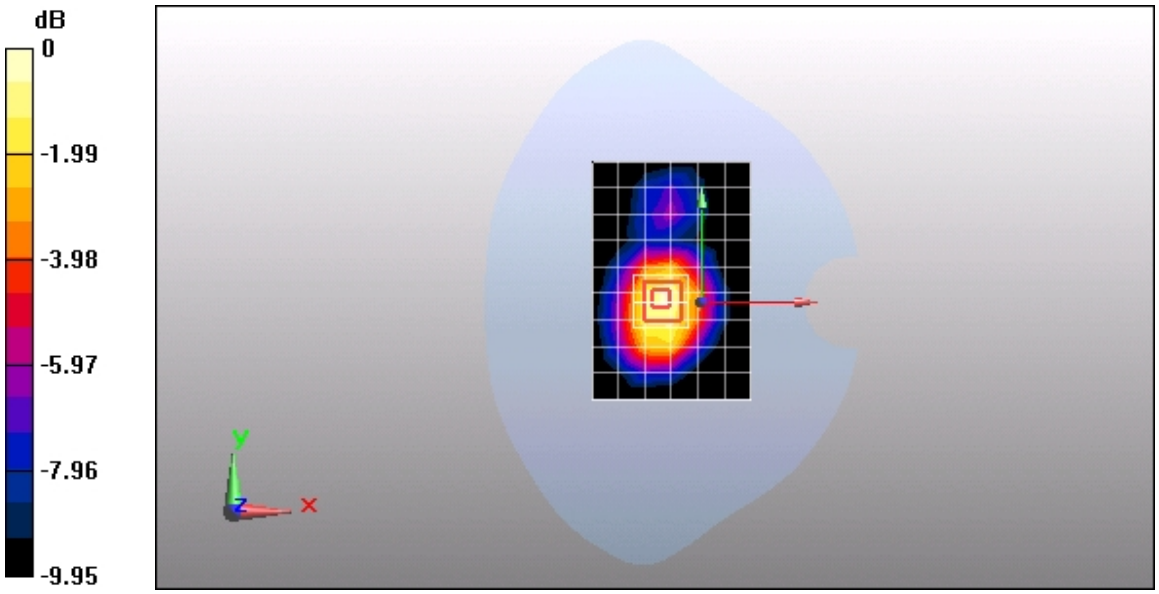
Communication System: LTE-FDD(SC-FDMA,1RB/50%RB/100%RB,10MHz,QPSK/16QAM); Frequency: 1855 MHz
Medium parameters used: f = 1855 MHz; σ = 1.48 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 11/18/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.05 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.5 V/m; Power Drift = -0.026 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.671 mW/g
Maximum value of SAR (measured) = 1.13 mW/g



0 dB = 1.13mW/g

Date/Time: 11/15/2011 20:26:20, Date/Time: 11/15/2011 20:33:15

Test Laboratory: Huawei SAR Lab

E397u-53 LTE Band II 10M QPSK 1RB#0 18650CH Rear side 5mm

DUT: E397u-53; Type: LTE Multi-mode USB Rotator; Serial: SAR1

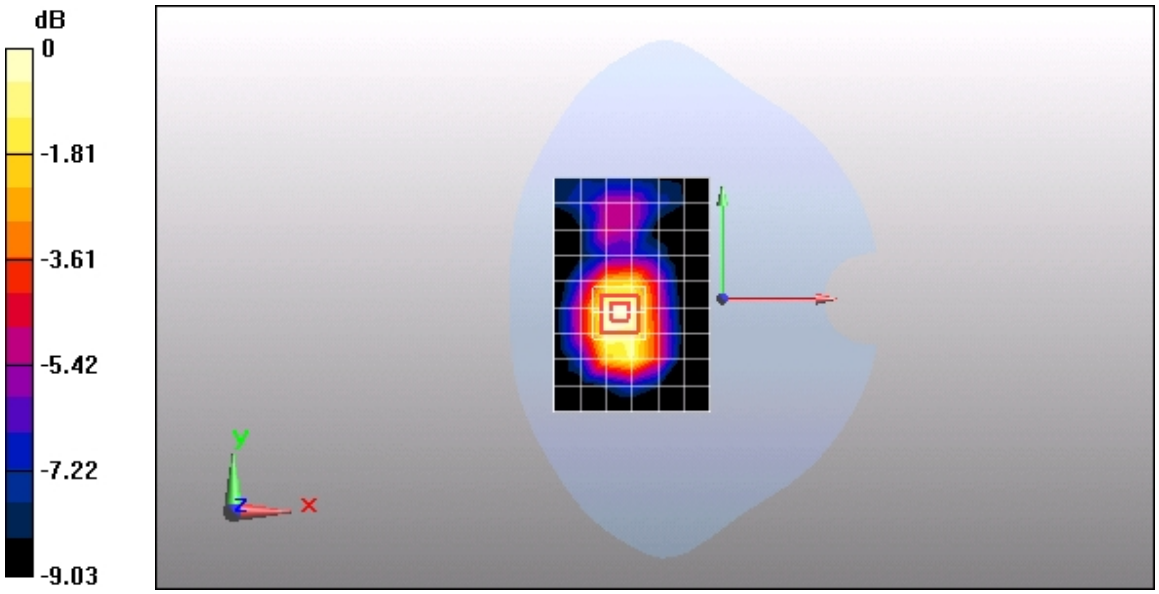
Communication System: LTE-FDD(SC-FDMA,1RB/50%RB/100%RB,10MHz,QPSK/16QAM); Frequency: 1855 MHz
Medium parameters used: f = 1855 MHz; σ = 1.48 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 11/18/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.891 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.16 V/m; Power Drift = 0.00441 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.898 mW/g; SAR(10 g) = 0.595 mW/g
Maximum value of SAR (measured) = 0.959 mW/g



0 dB = 0.959mW/g

Date/Time: 11/15/2011 23:11:42, Date/Time: 11/15/2011 23:18:37

Test Laboratory: Huawei SAR Lab

E397u-53 LTE Band II 10M QPSK 1RB#0 18650CH Left side 5mm

DUT: E397u-53; Type: LTE Multi-mode USB Rotator; Serial: SAR1

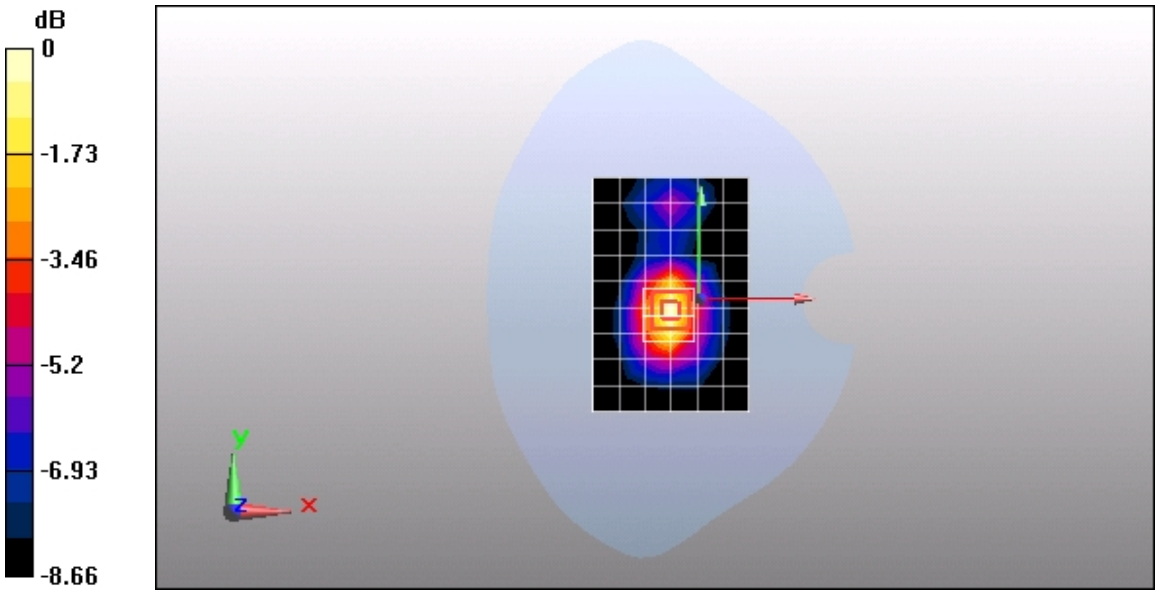
Communication System: LTE-FDD(SC-FDMA,1RB/50%RB/100%RB,10MHz,QPSK/16QAM); Frequency: 1855 MHz
Medium parameters used: f = 1855 MHz; σ = 1.48 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 11/18/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.967 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.6 V/m; Power Drift = -0.032 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.881 mW/g; SAR(10 g) = 0.530 mW/g
Maximum value of SAR (measured) = 0.965 mW/g



0 dB = 0.965mW/g

Date/Time: 11/16/2011 2:00:13, Date/Time: 11/16/2011 2:07:07

Test Laboratory: Huawei SAR Lab

E397u-53 LTE Band II 10M QPSK 1RB#0 18650CH Right side 5mm

DUT: E397u-53; Type: LTE Multi-mode USB Rotator; Serial: SAR1

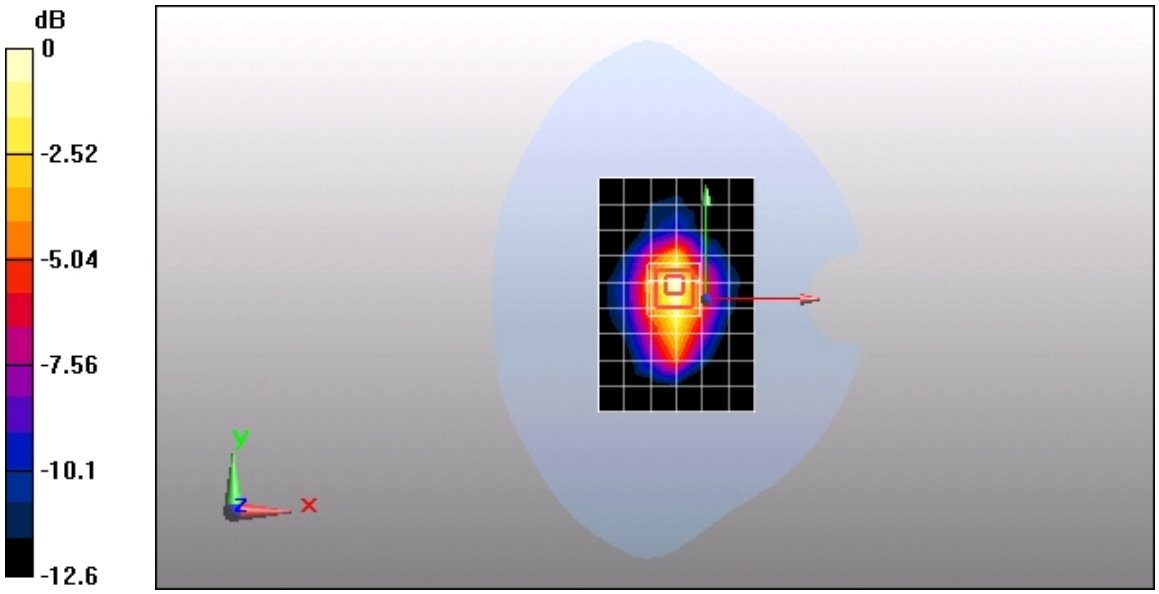
Communication System: LTE-FDD(SC-FDMA,1RB/50%RB/100%RB,10MHz,QPSK/16QAM); Frequency: 1855 MHz
Medium parameters used: f = 1855 MHz; σ = 1.48 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 11/18/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.19 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.8 V/m; Power Drift = -0.097 dB
Peak SAR (extrapolated) = 1.79 W/kg
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.618 mW/g
Maximum value of SAR (measured) = 1.2 mW/g



0 dB = 1.2mW/g

Date/Time: 11/16/2011 9:15:50, Date/Time: 11/16/2011 9:35:47

Test Laboratory: Huawei SAR Lab

E397u-53 LTE Band II 10M QPSK 1RB#0 18650CH Top side 5mm

DUT: E397u-53; Type: LTE Multi-mode USB Rotator; Serial: SAR1

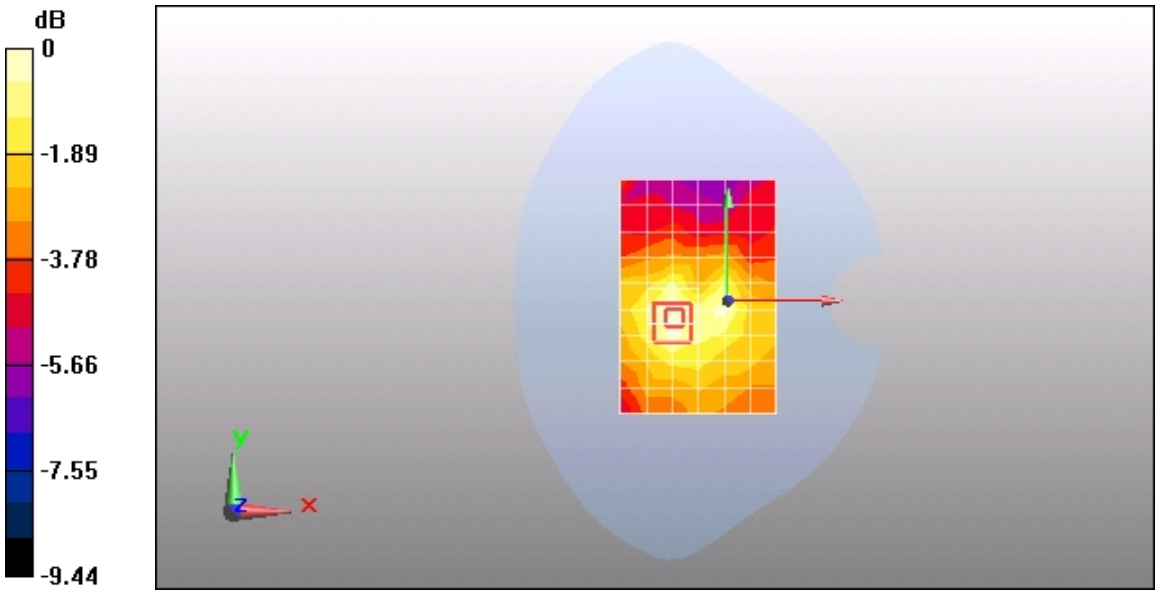
Communication System: LTE-FDD(SC-FDMA,1RB/50%RB/100%RB,10MHz,QPSK/16QAM); Frequency: 1855 MHz
Medium parameters used: f = 1855 MHz; σ = 1.48 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 11/18/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.073 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.88 V/m; Power Drift = 0.040 dB
Peak SAR (extrapolated) = 0.103 W/kg
SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.044 mW/g
Maximum value of SAR (measured) = 0.070 mW/g



0 dB = 0.070mW/g

Date/Time: 11/15/2011 16:15:42, Date/Time: 11/15/2011 16:22:37

Test Laboratory: Huawei SAR Lab

E397u-53 LTE Band II 10M QPSK 1RB#49 18900CH Front side 5mm

DUT: E397u-53; Type: LTE Multi-mode USB Rotator; Serial: SAR1

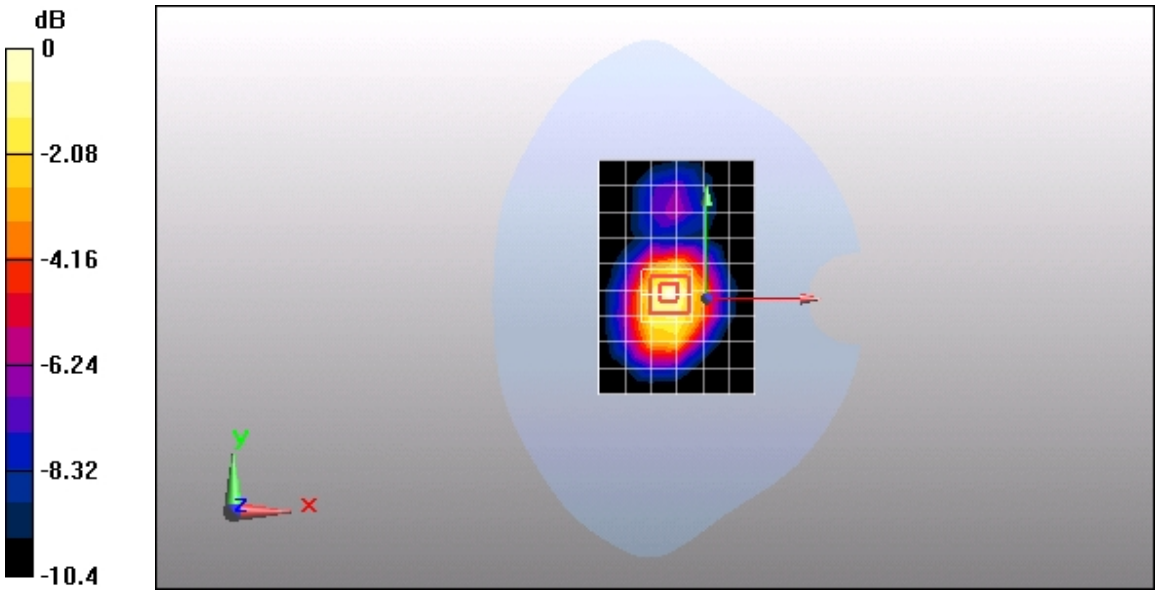
Communication System: LTE-FDD(SC-FDMA,1RB/50%RB/100%RB,10MHz,QPSK/16QAM); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 11/18/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.04 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.9 V/m; Power Drift = -0.00273 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.634 mW/g
Maximum value of SAR (measured) = 1.1 mW/g



0 dB = 1.1mW/g

Date/Time: 11/15/2011 20:49:59, Date/Time: 11/15/2011 20:56:54

Test Laboratory: Huawei SAR Lab

E397u-53 LTE Band II 10M QPSK 1RB#49 18900CH Rear side 5mm

DUT: E397u-53; Type: LTE Multi-mode USB Rotator; Serial: SAR1

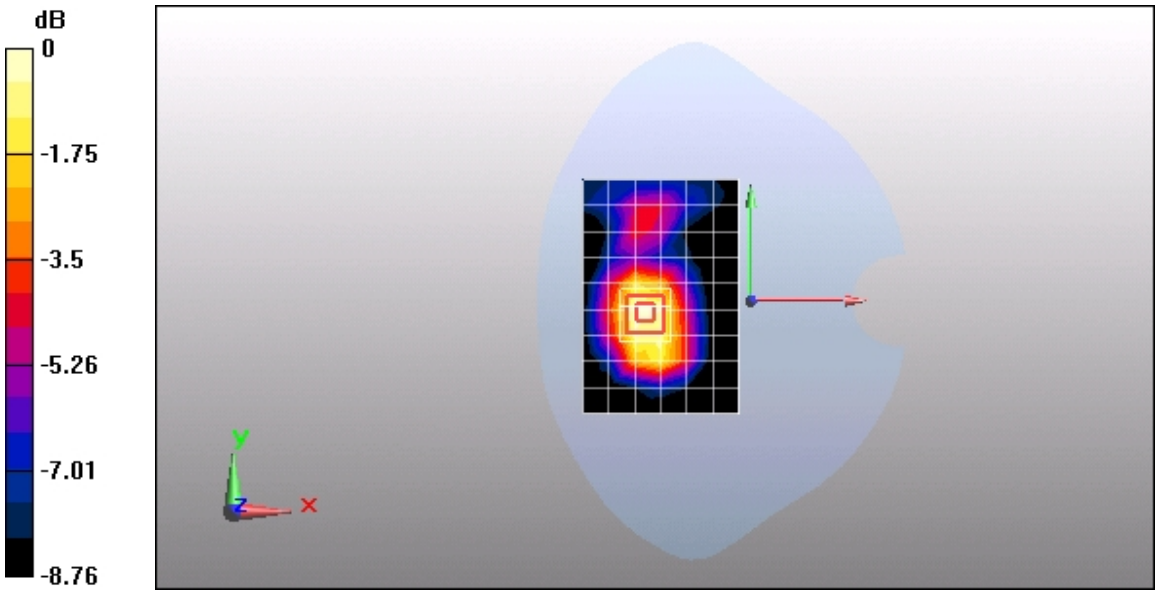
Communication System: LTE-FDD(SC-FDMA,1RB/50%RB/100%RB,10MHz,QPSK/16QAM); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 11/18/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.870 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.04 V/m; Power Drift = 0.049 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.857 mW/g; SAR(10 g) = 0.567 mW/g
Maximum value of SAR (measured) = 0.912 mW/g



0 dB = 0.912mW/g

Date/Time: 11/15/2011 23:33:55, Date/Time: 11/15/2011 23:40:51

Test Laboratory: Huawei SAR Lab

E397u-53 LTE Band II 10M QPSK 1RB#49 18900CH Left side 5mm

DUT: E397u-53; Type: LTE Multi-mode USB Rotator; Serial: SAR1

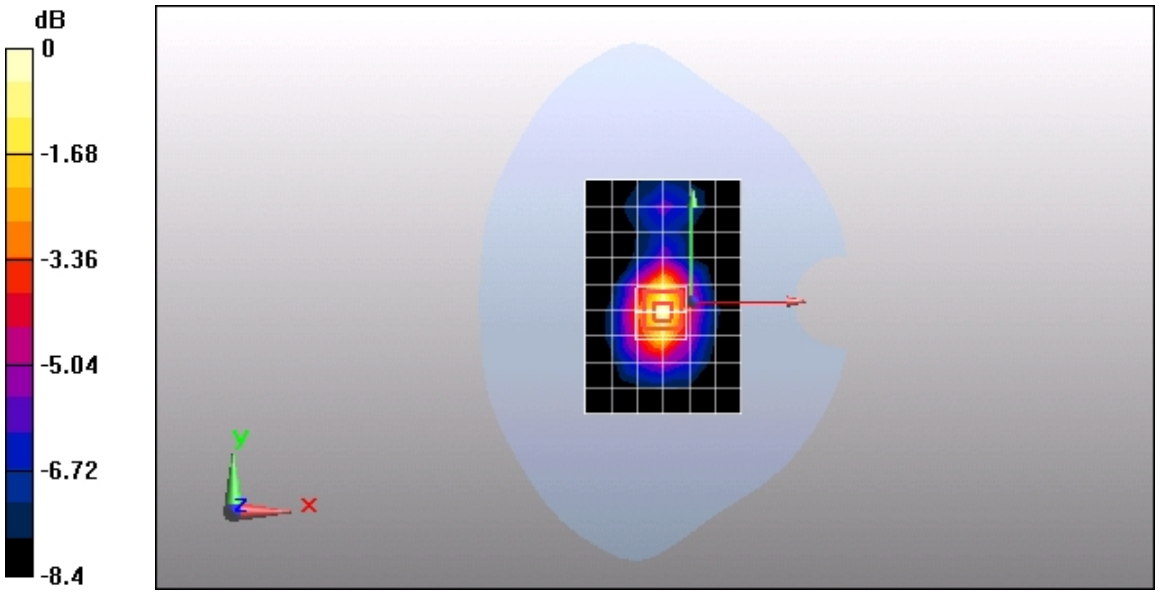
Communication System: LTE-FDD(SC-FDMA,1RB/50%RB/100%RB,10MHz,QPSK/16QAM); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 11/18/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.878 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.9 V/m; Power Drift = 0.000378 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.810 mW/g; SAR(10 g) = 0.488 mW/g
Maximum value of SAR (measured) = 0.897 mW/g



0 dB = 0.897mW/g

Date/Time: 11/16/2011 2:22:48, Date/Time: 11/16/2011 2:29:42

Test Laboratory: Huawei SAR Lab

E397u-53 LTE Band II 10M QPSK 1RB#49 18900CH Right side 5mm

DUT: E397u-53; Type: LTE Multi-mode USB Rotator; Serial: SAR1

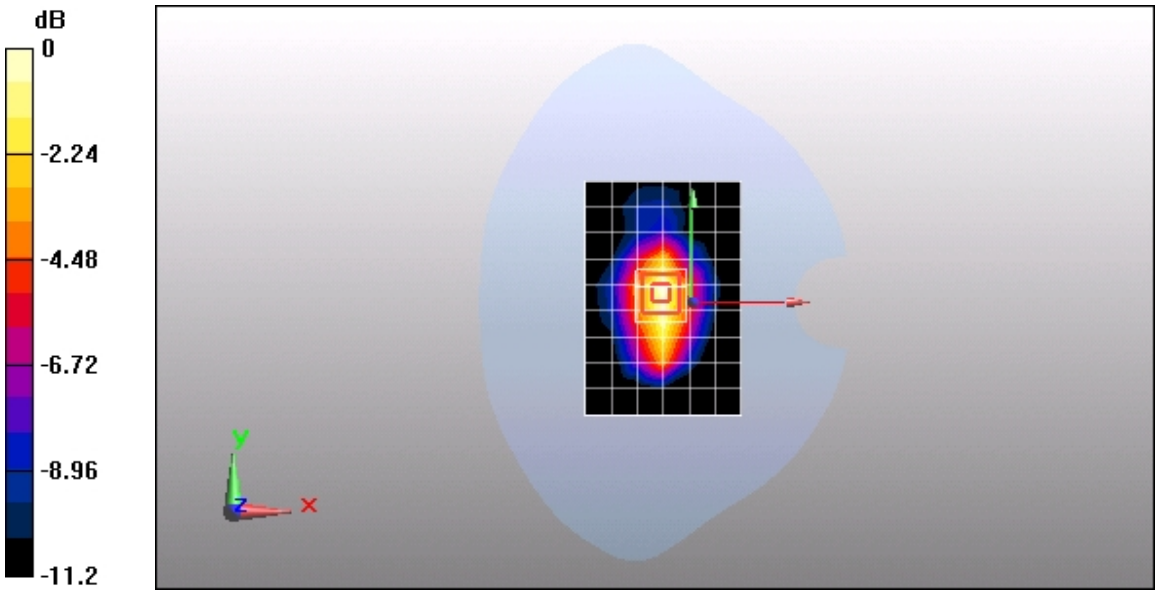
Communication System: LTE-FDD(SC-FDMA,1RB/50%RB/100%RB,10MHz,QPSK/16QAM); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 11/18/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.864 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.9 V/m; Power Drift = 0.048 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.796 mW/g; SAR(10 g) = 0.466 mW/g
Maximum value of SAR (measured) = 0.872 mW/g



0 dB = 0.872mW/g

Date/Time: 11/16/2011 9:52:44, Date/Time: 11/16/2011 10:00:17

Test Laboratory: Huawei SAR Lab

E397u-53 LTE Band II 10M QPSK 1RB#49 18900CH Top side 5mm

DUT: E397u-53; Type: LTE Multi-mode USB Rotator; Serial: SAR1

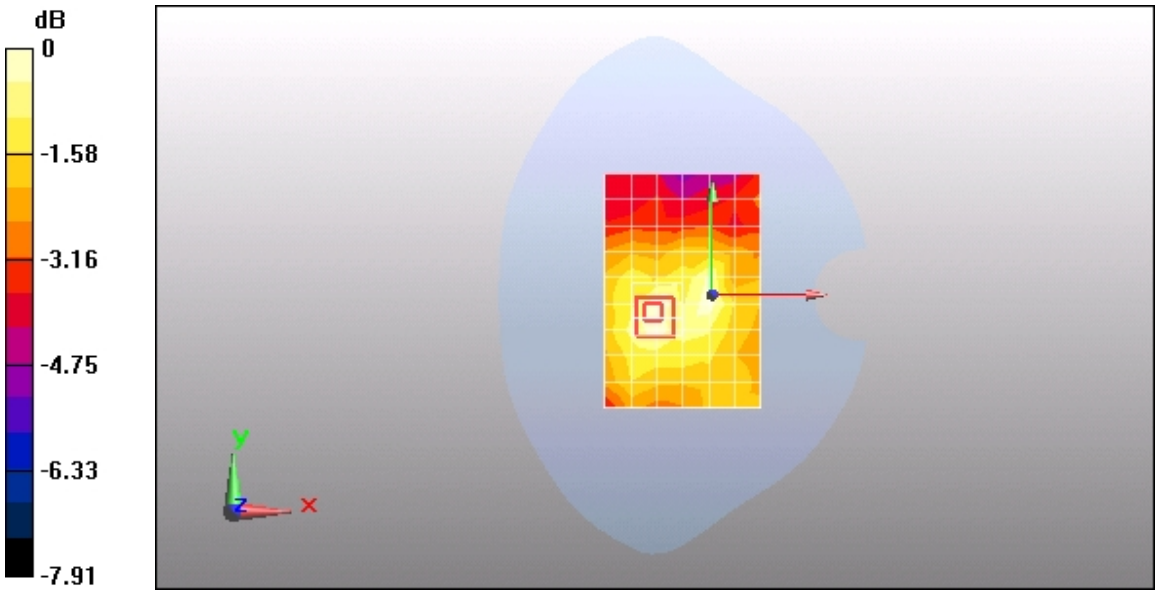
Communication System: LTE-FDD(SC-FDMA,1RB/50%RB/100%RB,10MHz,QPSK/16QAM); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 11/18/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.053 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.41 V/m; Power Drift = -0.190 dB
Peak SAR (extrapolated) = 0.084 W/kg
SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.036 mW/g



0 dB = 0.053mW/g

Date/Time: 11/15/2011 16:43:26, Date/Time: 11/15/2011 16:50:22

Test Laboratory: Huawei SAR Lab

E397u-53 LTE Band II 10M 16QAM 50%RB#13 19150CH Front side 5mm

DUT: E397u-53; Type: LTE Multi-mode USB Rotator; Serial: SAR1

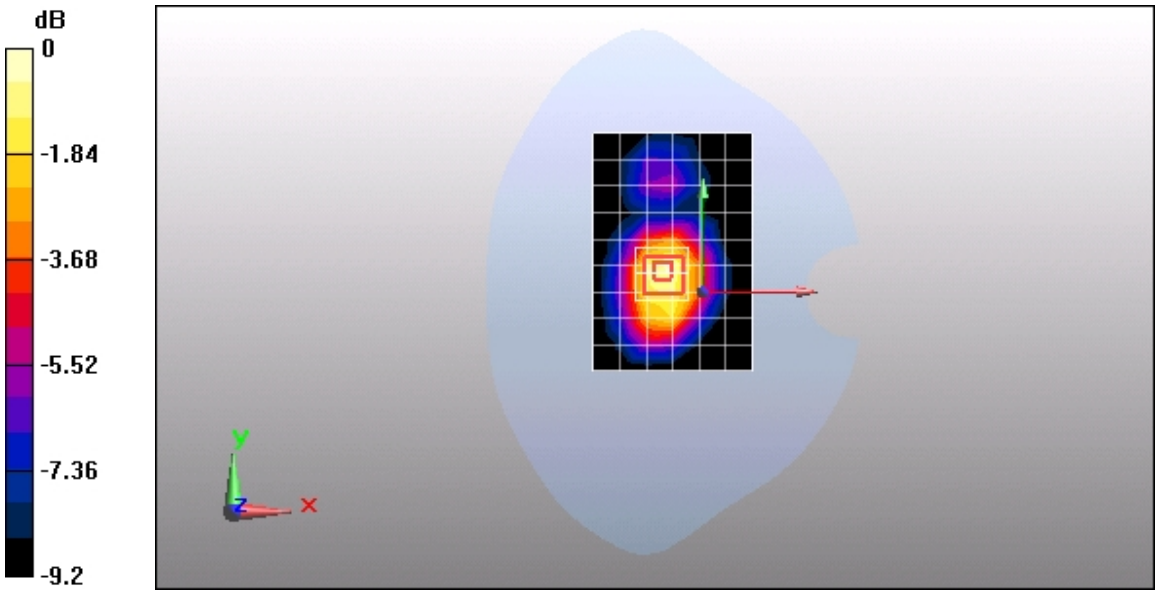
Communication System: LTE-FDD(SC-FDMA,1RB/50%RB/100%RB,10MHz,QPSK/16QAM); Frequency: 1905 MHz
Medium parameters used: f = 1905 MHz; σ = 1.52 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 11/18/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.909 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.7 V/m; Power Drift = -0.091 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.895 mW/g; SAR(10 g) = 0.572 mW/g
Maximum value of SAR (measured) = 0.979 mW/g



0 dB = 0.979mW/g

Date/Time: 11/15/2011 21:14:14, Date/Time: 11/15/2011 21:21:10

Test Laboratory: Huawei SAR Lab

E397u-53 LTE Band II 10M 16QAM 50%RB#13 19150CH Rear side 5mm

DUT: E397u-53; Type: LTE Multi-mode USB Rotator; Serial: SAR1

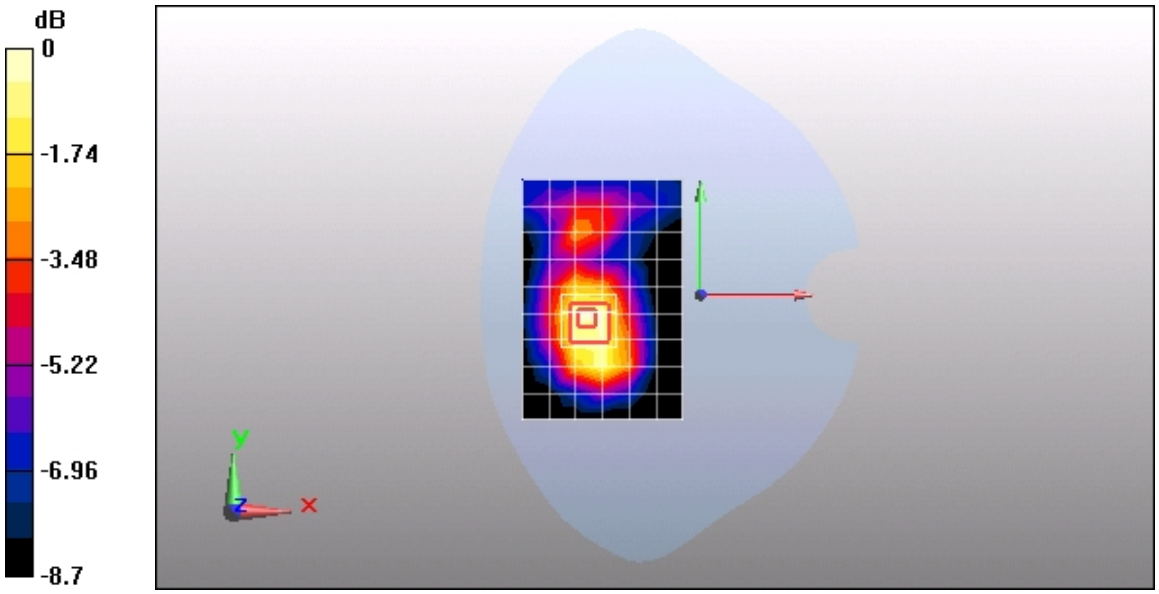
Communication System: LTE-FDD(SC-FDMA,1RB/50%RB/100%RB,10MHz,QPSK/16QAM); Frequency: 1905 MHz
Medium parameters used: f = 1905 MHz; σ = 1.52 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 11/18/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.639 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.33 V/m; Power Drift = -0.137 dB
Peak SAR (extrapolated) = 0.991 W/kg
SAR(1 g) = 0.664 mW/g; SAR(10 g) = 0.442 mW/g
Maximum value of SAR (measured) = 0.708 mW/g



0 dB = 0.708mW/g

Date/Time: 11/15/2011 23:56:43, Date/Time: 11/16/2011 0:03:37

Test Laboratory: Huawei SAR Lab

E397u-53 LTE Band II 10M 16QAM 50%RB#13 19150CH Left side 5mm

DUT: E397u-53; Type: LTE Multi-mode USB Rotator; Serial: SAR1

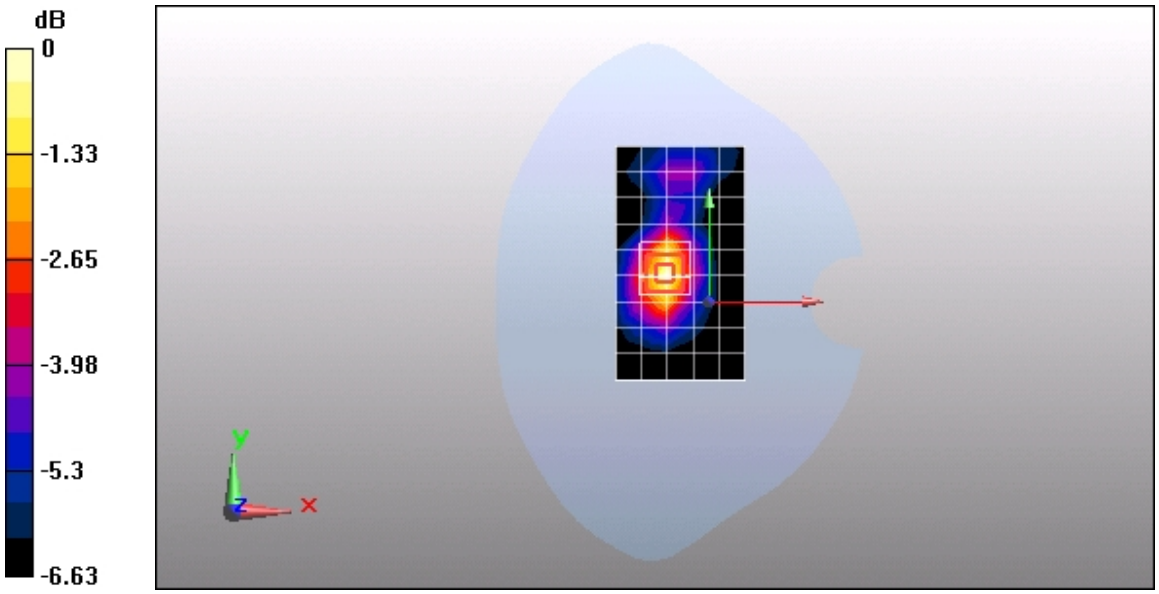
Communication System: LTE-FDD(SC-FDMA,1RB/50%RB/100%RB,10MHz,QPSK/16QAM); Frequency: 1905 MHz
Medium parameters used: f = 1905 MHz; σ = 1.52 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 11/18/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.735 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.3 V/m; Power Drift = 0.023 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.677 mW/g; SAR(10 g) = 0.433 mW/g
Maximum value of SAR (measured) = 0.741 mW/g



0 dB = 0.741mW/g

Date/Time: 11/16/2011 2:45:28, Date/Time: 11/16/2011 2:52:23

Test Laboratory: Huawei SAR Lab

E397u-53 LTE Band II 10M 16QAM 50%RB#13 19150CH Right side 5mm

DUT: E397u-53; Type: LTE Multi-mode USB Rotator; Serial: SAR1

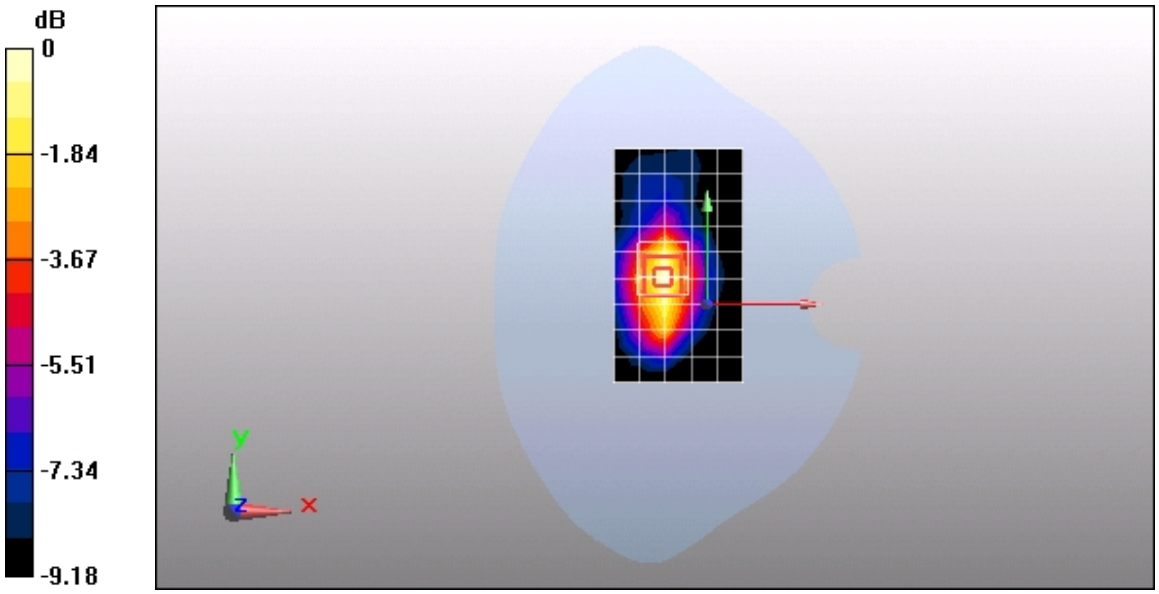
Communication System: LTE-FDD(SC-FDMA,1RB/50%RB/100%RB,10MHz,QPSK/16QAM); Frequency: 1905 MHz
Medium parameters used: f = 1905 MHz; σ = 1.52 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 11/18/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.668 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.1 V/m; Power Drift = 0.027 dB
Peak SAR (extrapolated) = 0.984 W/kg
SAR(1 g) = 0.615 mW/g; SAR(10 g) = 0.376 mW/g
Maximum value of SAR (measured) = 0.674 mW/g



0 dB = 0.674mW/g

Date/Time: 11/16/2011 10:16:40, Date/Time: 11/16/2011 10:23:34

Test Laboratory: Huawei SAR Lab

E397u-53 LTE Band II 10M 16QAM 50%RB#13 19150CH Top side 5mm

DUT: E397u-53; Type: LTE Multi-mode USB Rotator; Serial: SAR1

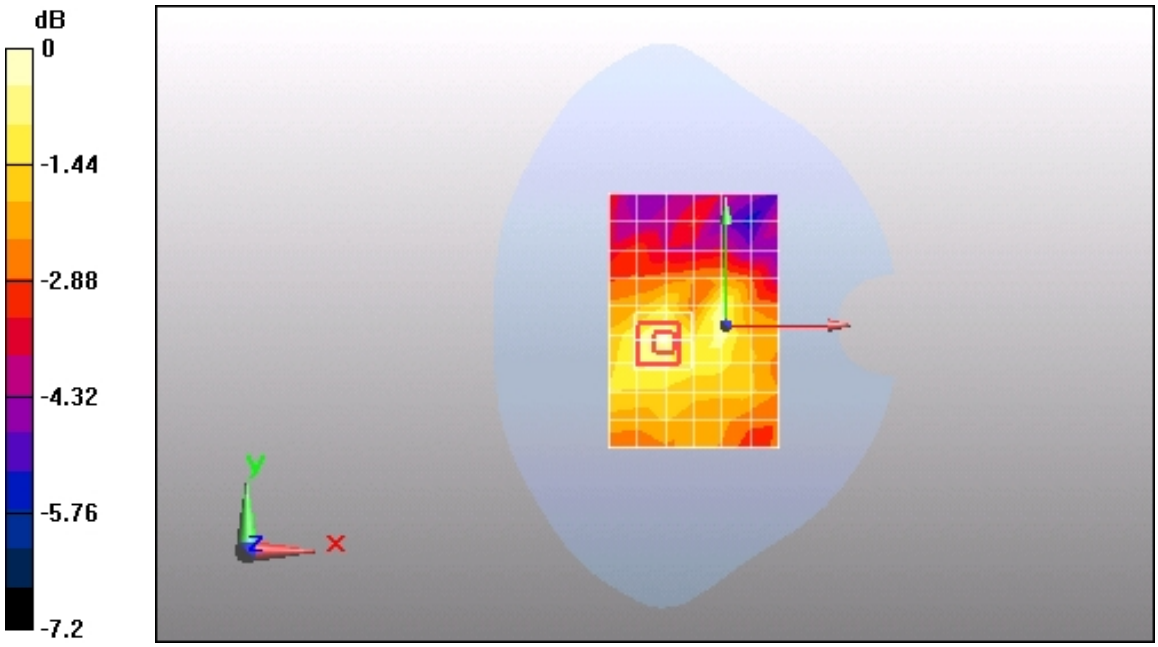
Communication System: LTE-FDD(SC-FDMA,1RB/50%RB/100%RB,10MHz,QPSK/16QAM); Frequency: 1905 MHz
Medium parameters used: f = 1905 MHz; σ = 1.52 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 11/18/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.043 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.86 V/m; Power Drift = -0.035 dB
Peak SAR (extrapolated) = 0.066 W/kg
SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.047 mW/g



0 dB = 0.047mW/g

Date/Time: 11/15/2011 17:07:47, Date/Time: 11/15/2011 17:14:41

Test Laboratory: Huawei SAR Lab

E397u-53 LTE Band II 10M 16QAM 1RB#0 19150CH Front side 5mm

DUT: E397u-53; Type: LTE Multi-mode USB Rotator; Serial: SAR1

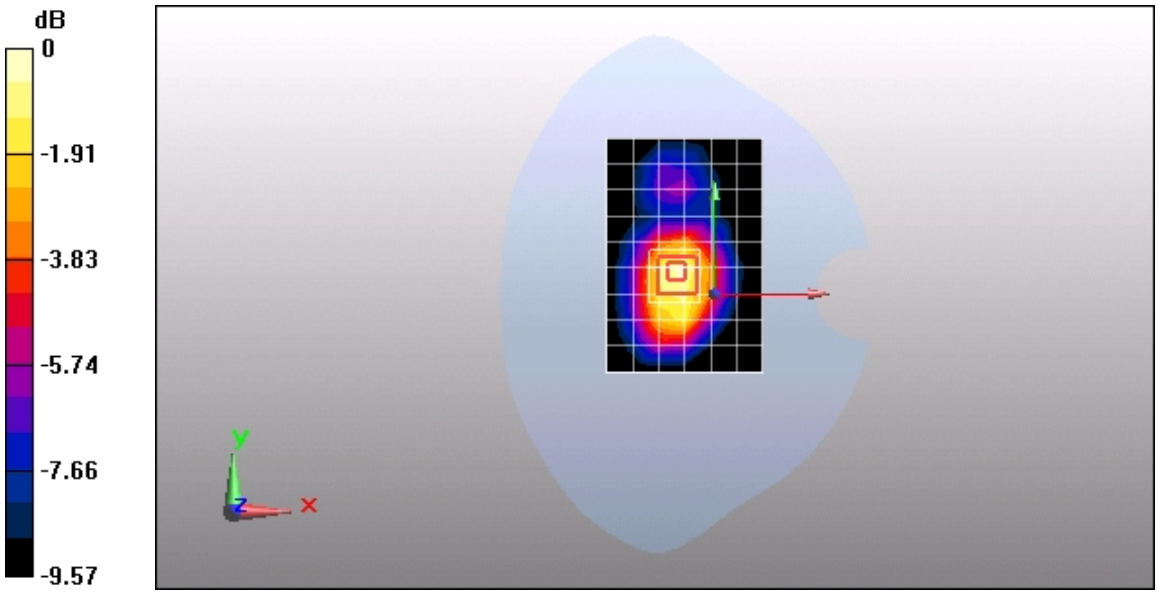
Communication System: LTE-FDD(SC-FDMA,1RB/50%RB/100%RB,10MHz,QPSK/16QAM); Frequency: 1905 MHz
Medium parameters used: f = 1905 MHz; σ = 1.52 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 11/18/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.05 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.2 V/m; Power Drift = 0.019 dB
Peak SAR (extrapolated) = 1.54 W/kg
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.662 mW/g
Maximum value of SAR (measured) = 1.12 mW/g



0 dB = 1.12mW/g

Test Laboratory: Huawei SAR Lab

E397u-53 LTE Band II 10M 16QAM 1RB#0 19150CH Rear side 5mm

DUT: E397u-53; Type: LTE Multi-mode USB Rotator; Serial: SAR1

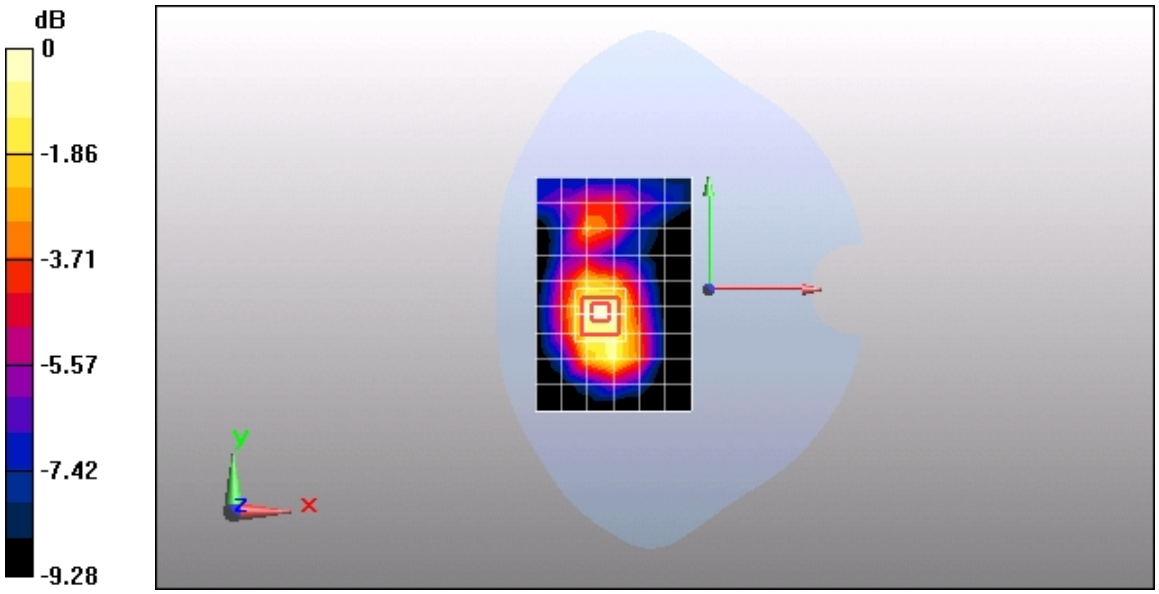
Communication System: LTE-FDD(SC-FDMA,1RB/50%RB/100%RB,10MHz,QPSK/16QAM); Frequency: 1905 MHz
Medium parameters used: f = 1905 MHz; σ = 1.52 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 11/18/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.826 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.34 V/m; Power Drift = 0.093 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.849 mW/g; SAR(10 g) = 0.558 mW/g
Maximum value of SAR (measured) = 0.914 mW/g



0 dB = 0.914mW/g

Date/Time: 11/16/2011 0:19:51, Date/Time: 11/16/2011 0:26:45

Test Laboratory: Huawei SAR Lab

E397u-53 LTE Band II 10M 16QAM 1RB#0 19150CH Left side 5mm

DUT: E397u-53; Type: LTE Multi-mode USB Rotator; Serial: SAR1

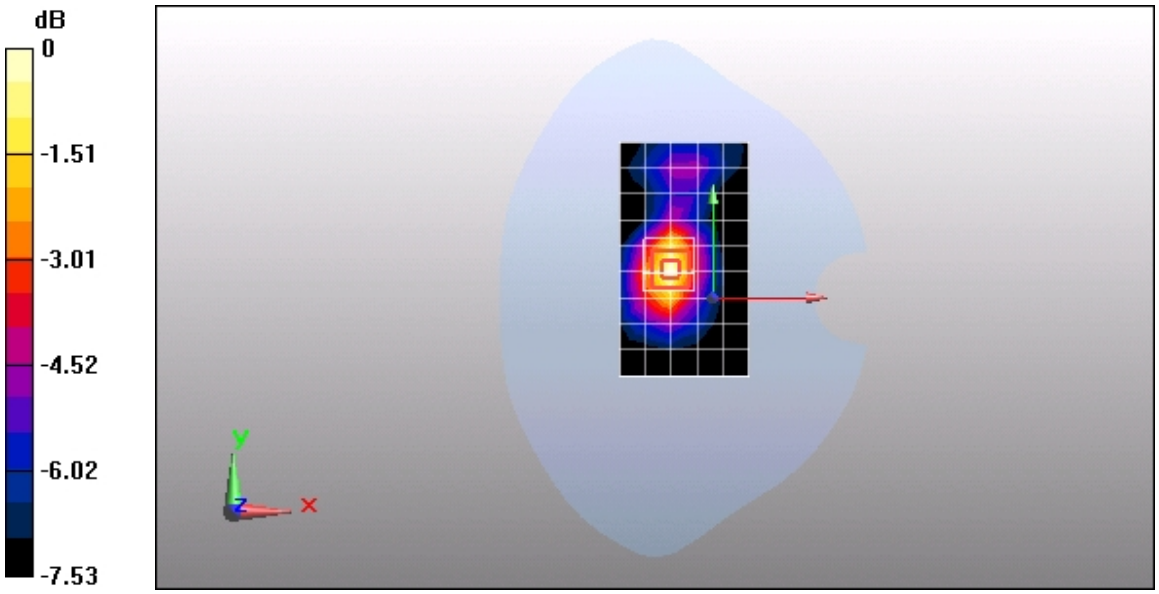
Communication System: LTE-FDD(SC-FDMA,1RB/50%RB/100%RB,10MHz,QPSK/16QAM); Frequency: 1905 MHz
Medium parameters used: f = 1905 MHz; σ = 1.52 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 11/18/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.982 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.6 V/m; Power Drift = -0.00654 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.885 mW/g; SAR(10 g) = 0.552 mW/g
Maximum value of SAR (measured) = 0.968 mW/g



0 dB = 0.968mW/g

Test Laboratory: Huawei SAR Lab

E397u-53 LTE Band II 10M 16QAM 1RB#0 19150CH Right side 5mm

DUT: E397u-53; Type: LTE Multi-mode USB Rotator; Serial: SAR1

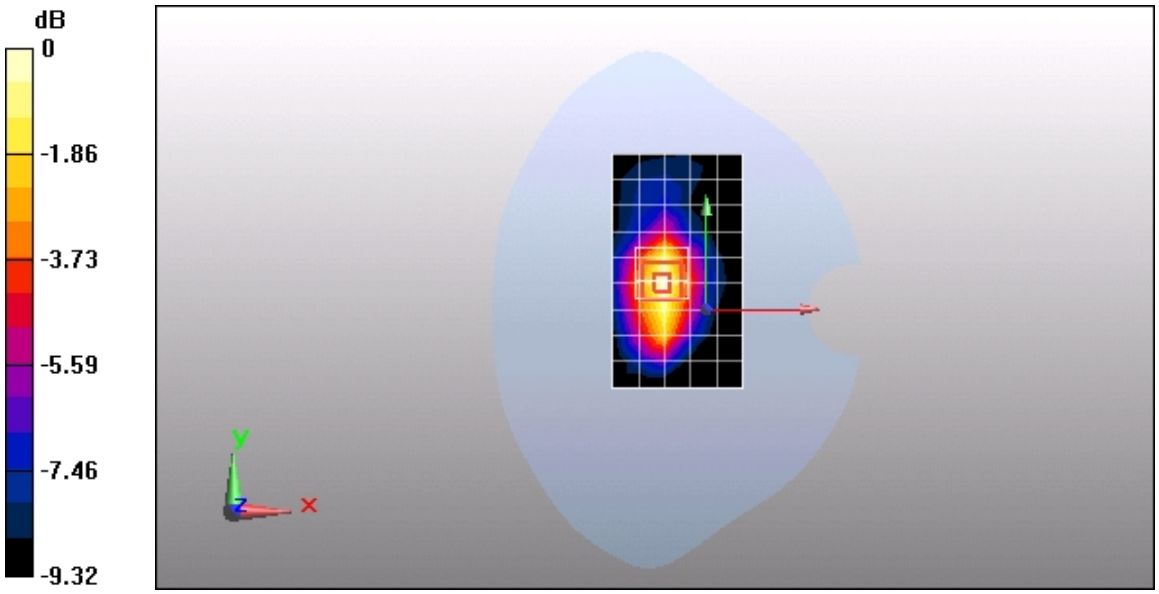
Communication System: LTE-FDD(SC-FDMA,1RB/50%RB/100%RB,10MHz,QPSK/16QAM); Frequency: 1905 MHz
Medium parameters used: f = 1905 MHz; σ = 1.52 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 11/18/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.683 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.7 V/m; Power Drift = 0.129 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.623 mW/g; SAR(10 g) = 0.380 mW/g
Maximum value of SAR (measured) = 0.680 mW/g



0 dB = 0.680mW/g

Date/Time: 11/16/2011 10:42:11, Date/Time: 11/16/2011 10:49:07

Test Laboratory: Huawei SAR Lab

E397u-53 LTE Band II 10M 16QAM 1RB#0 19150CH Top side 5mm

DUT: E397u-53; Type: LTE Multi-mode USB Rotator; Serial: SAR1

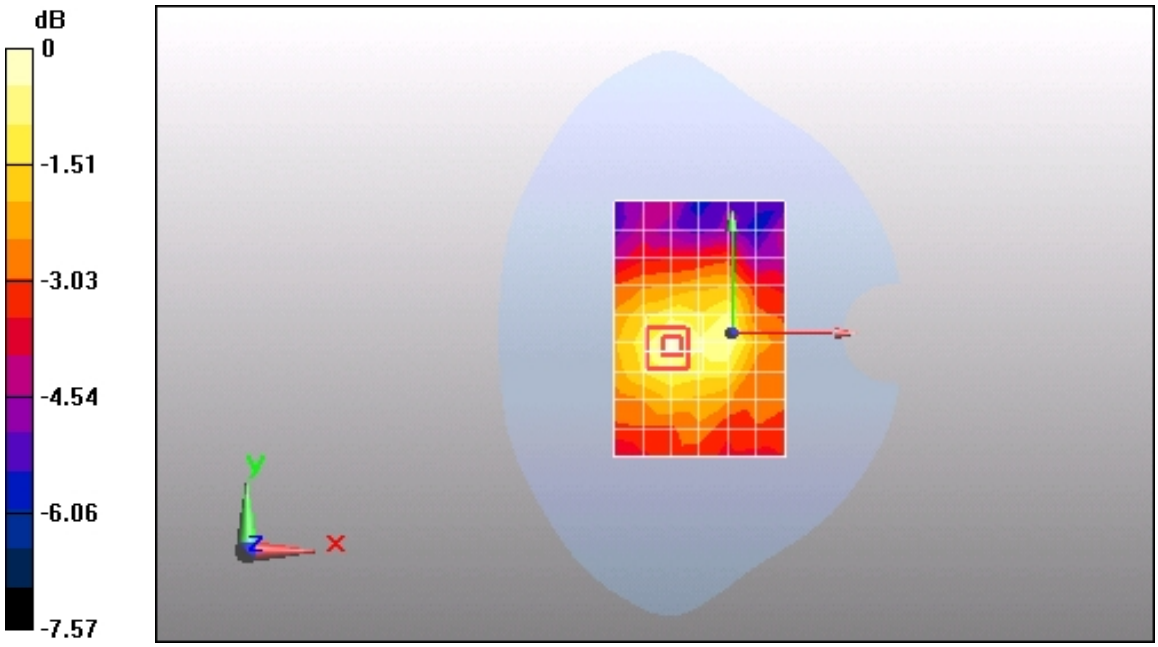
Communication System: LTE-FDD(SC-FDMA,1RB/50%RB/100%RB,10MHz,QPSK/16QAM); Frequency: 1905 MHz
Medium parameters used: f = 1905 MHz; σ = 1.52 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 11/18/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.061 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.52 V/m; Power Drift = 0.169 dB
Peak SAR (extrapolated) = 0.085 W/kg
SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.037 mW/g



0 dB = 0.061mW/g

Date/Time: 11/15/2011 17:31:39, Date/Time: 11/15/2011 17:38:34

Test Laboratory: Huawei SAR Lab

E397u-53 LTE Band II 10M 16QAM 1RB#49 18900CH Front side 5mm

DUT: E397u-53; Type: LTE Multi-mode USB Rotator; Serial: SAR1

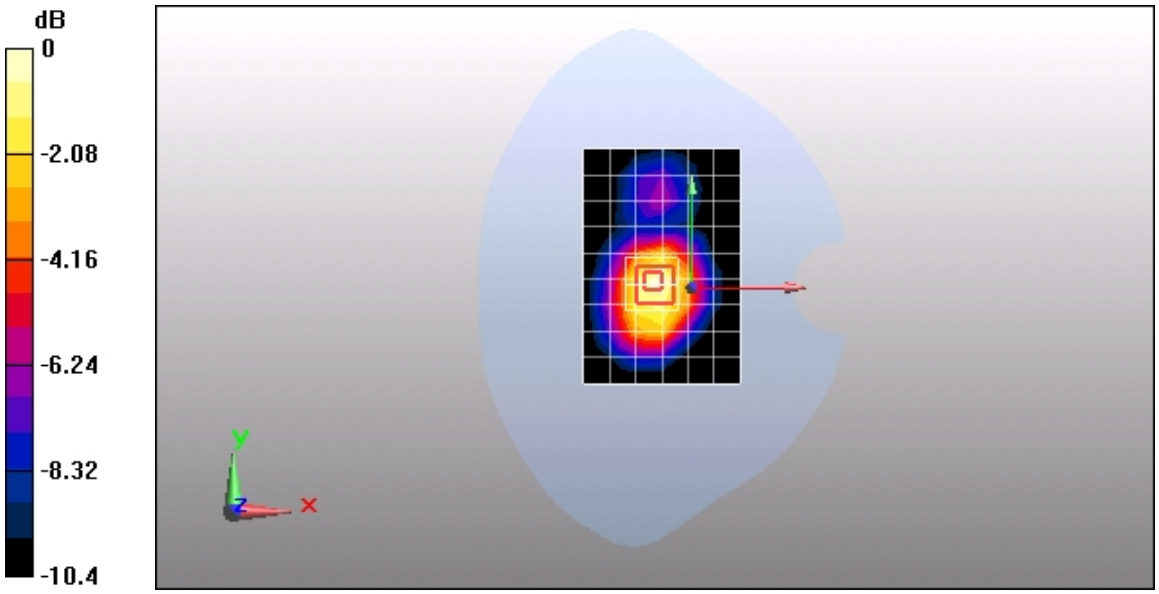
Communication System: LTE-FDD(SC-FDMA,1RB/50%RB/100%RB,10MHz,QPSK/16QAM); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 11/18/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.07 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.2 V/m; Power Drift = 0.032 dB
Peak SAR (extrapolated) = 1.55 W/kg
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.644 mW/g
Maximum value of SAR (measured) = 1.11 mW/g



0 dB = 1.11mW/g

Date/Time: 11/15/2011 22:05:55, Date/Time: 11/15/2011 22:12:51

Test Laboratory: Huawei SAR Lab

E397u-53 LTE Band II 10M 16QAM 1RB#49 18900CH Rear side 5mm

DUT: E397u-53; Type: LTE Multi-mode USB Rotator; Serial: SAR1

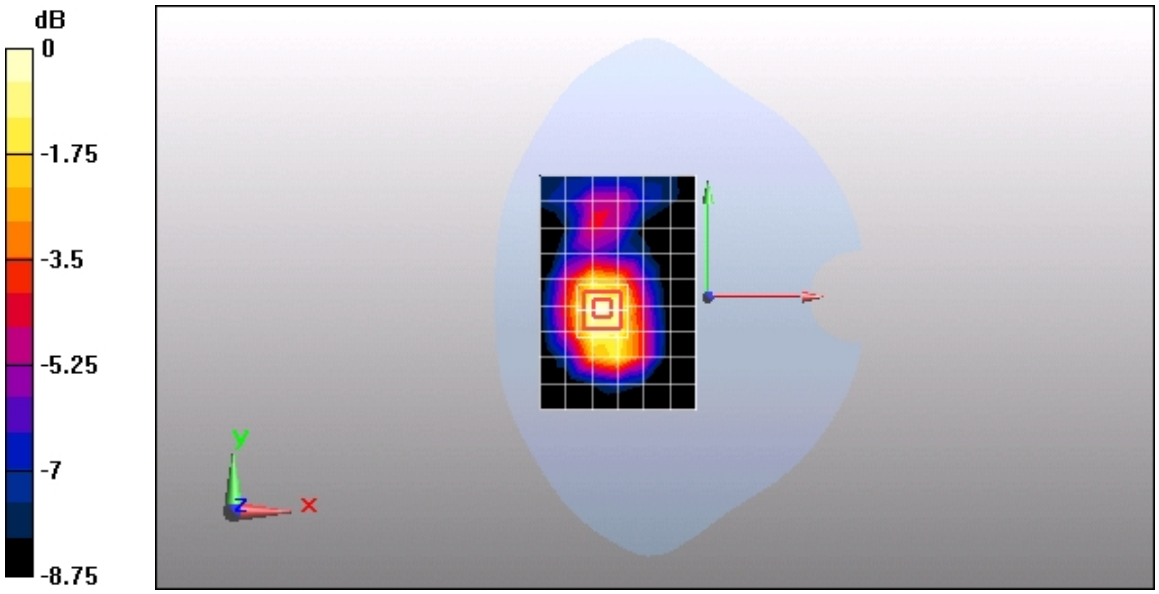
Communication System: LTE-FDD(SC-FDMA,1RB/50%RB/100%RB,10MHz,QPSK/16QAM); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 11/18/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.863 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.04 V/m; Power Drift = 0.048 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.861 mW/g; SAR(10 g) = 0.573 mW/g
Maximum value of SAR (measured) = 0.920 mW/g



0 dB = 0.920mW/g

Date/Time: 11/16/2011 0:41:15, Date/Time: 11/16/2011 0:48:10

Test Laboratory: Huawei SAR Lab

E397u-53 LTE Band II 10M 16QAM 1RB#49 18900CH Left side 5mm

DUT: E397u-53; Type: LTE Multi-mode USB Rotator; Serial: SAR1

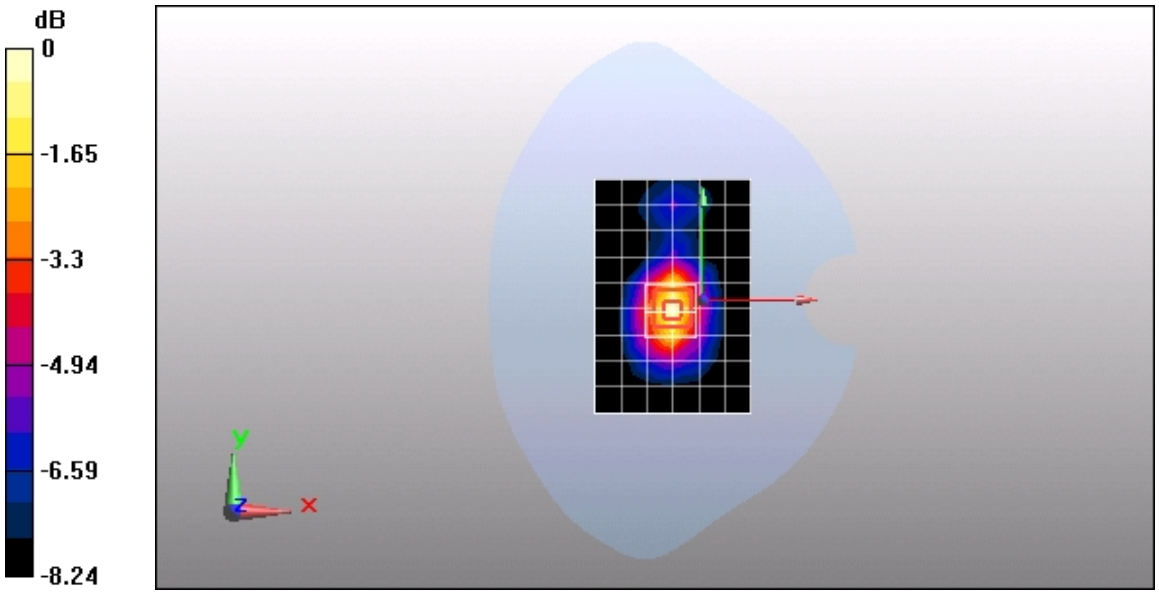
Communication System: LTE-FDD(SC-FDMA,1RB/50%RB/100%RB,10MHz,QPSK/16QAM); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 11/18/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.899 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24 V/m; Power Drift = -0.015 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.814 mW/g; SAR(10 g) = 0.490 mW/g
Maximum value of SAR (measured) = 0.900 mW/g



0 dB = 0.900mW/g

Date/Time: 11/16/2011 7:07:36, Date/Time: 11/16/2011 7:14:35

Test Laboratory: Huawei SAR Lab

E397u-53 LTE Band II 10M 16QAM 1RB#49 18900CH Right side 5mm

DUT: E397u-53; Type: LTE Multi-mode USB Rotator; Serial: SAR1

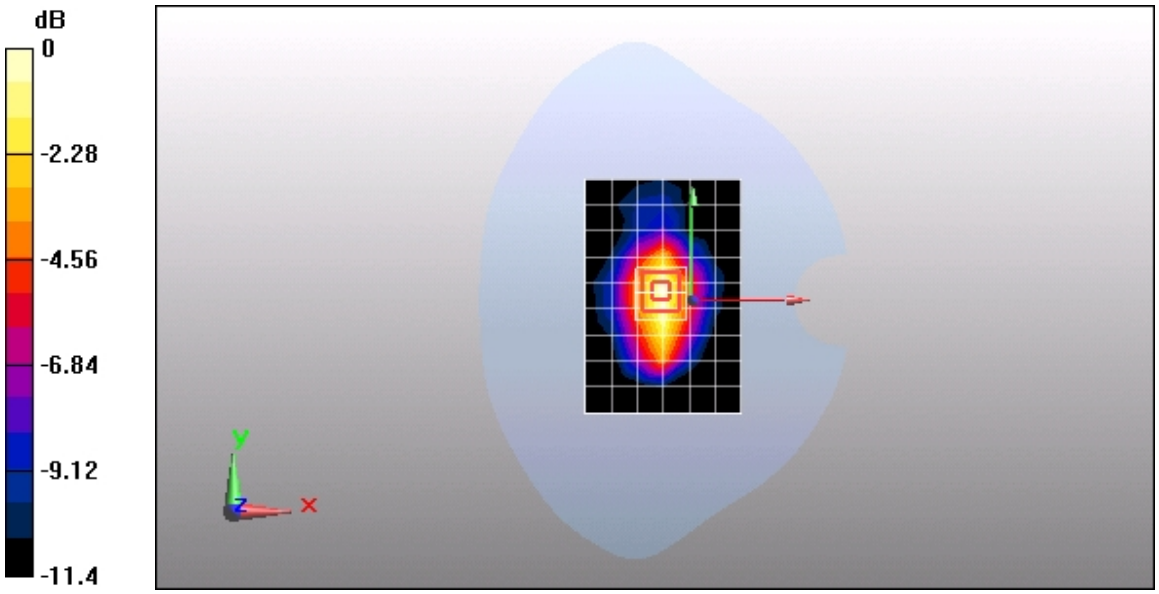
Communication System: LTE-FDD(SC-FDMA,1RB/50%RB/100%RB,10MHz,QPSK/16QAM); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 11/18/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.856 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.8 V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.792 mW/g; SAR(10 g) = 0.462 mW/g
Maximum value of SAR (measured) = 0.871 mW/g



0 dB = 0.871mW/g

Date/Time: 11/16/2011 11:05:29, Date/Time: 11/16/2011 11:12:23

Test Laboratory: Huawei SAR Lab

E397u-53 LTE Band II 10M 16QAM 1RB#49 18900CH Top side 5mm

DUT: E397u-53; Type: LTE Multi-mode USB Rotator; Serial: SAR1

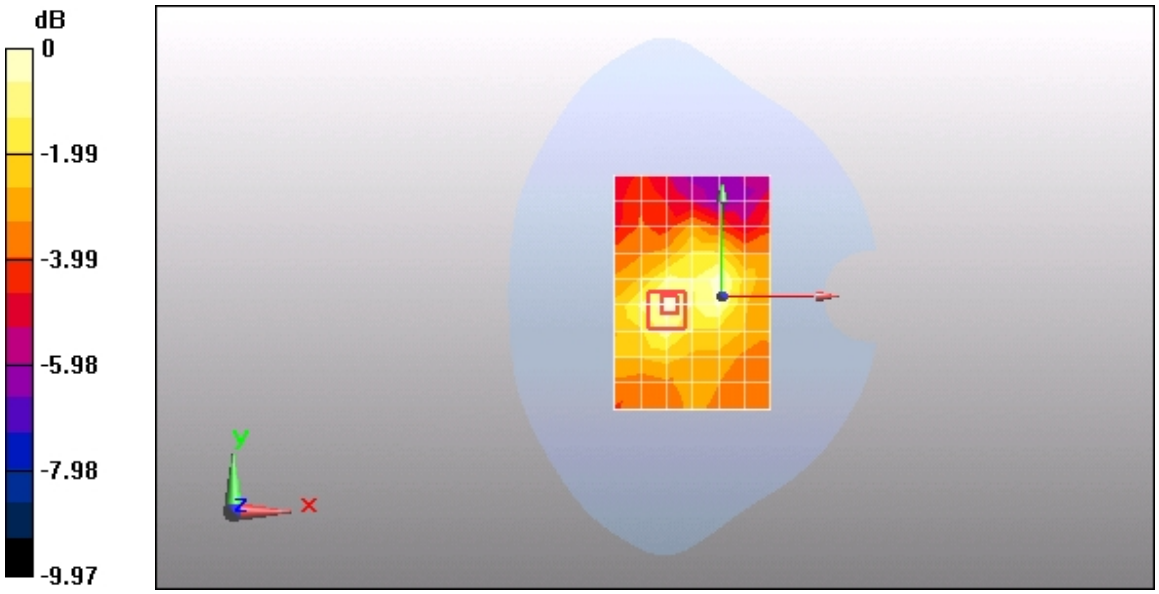
Communication System: LTE-FDD(SC-FDMA,1RB/50%RB/100%RB,10MHz,QPSK/16QAM); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 12/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 11/18/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.068 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.81 V/m; Power Drift = 0.153 dB
Peak SAR (extrapolated) = 0.125 W/kg
SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.041 mW/g
Maximum value of SAR (measured) = 0.071 mW/g



0 dB = 0.071mW/g