Appendix B. SAR Measurement Plots

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WCDMA 1700 MHz Body
WCDMA 1900 MHz Body

Date/Time: 4/24/2012 13:04:48

Test Laboratory: HUAWEI SAR Lab

E397Bu-501R3 WCDMA1700 1312CH Front Side 5mm

DUT: E397Bu-501R3; Type: LTE 2D USB Rotator ; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1712.4 MHz
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.474 mho/m; ε_r = 51.881; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

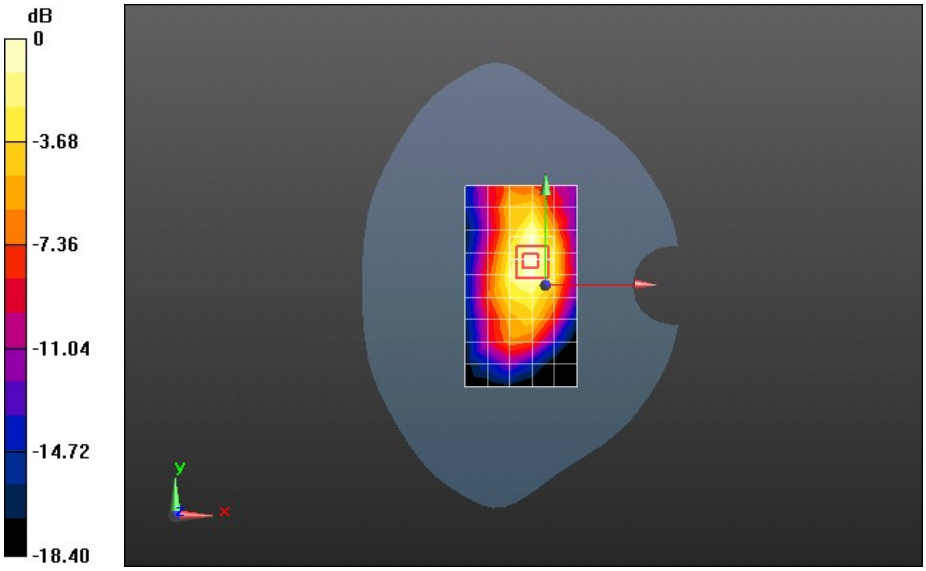
- Probe: ES3DV3 - SN3168; ConvF(4.79, 4.79, 4.79); Calibrated: 9/27/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn914; Calibrated: 12/8/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Info: Interpolated medium parameters used for SAR evaluation.
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 = 19.197 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.2920
SAR(1 g) = 0.751 mW/g; SAR(10 g) = 0.435 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.817 mW/g



0 dB = 0.820mW/g = -1.72 dB mW/g

Date/Time: 4/24/2012 12:33:13

Test Laboratory: HUAWEI SAR Lab

E397Bu-501R3 WCDMA1700 1413CH Front Side 5mm

DUT: E397Bu-501R3; Type: LTE 2D USB Rotator ; Serial: SAR1

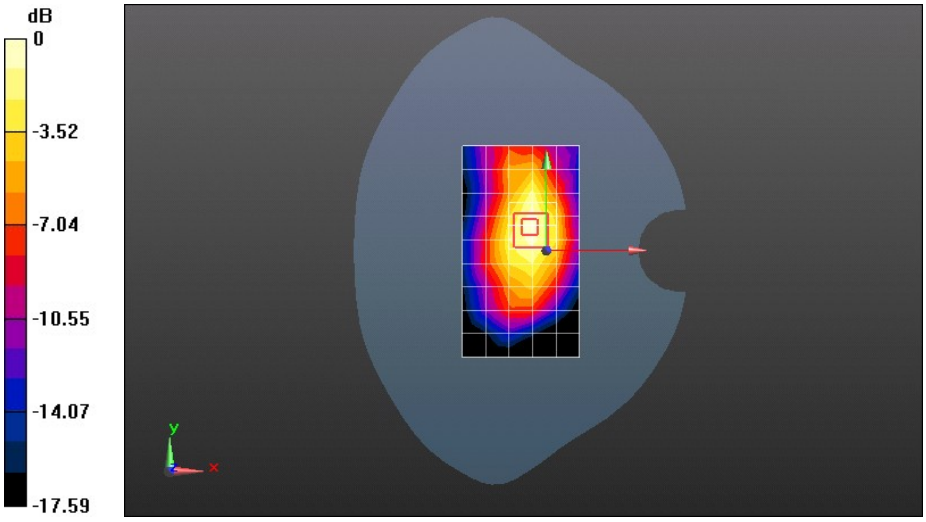
Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz
Medium parameters used: f = 1733 MHz; σ = 1.495 mho/m; ε_r = 51.888; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

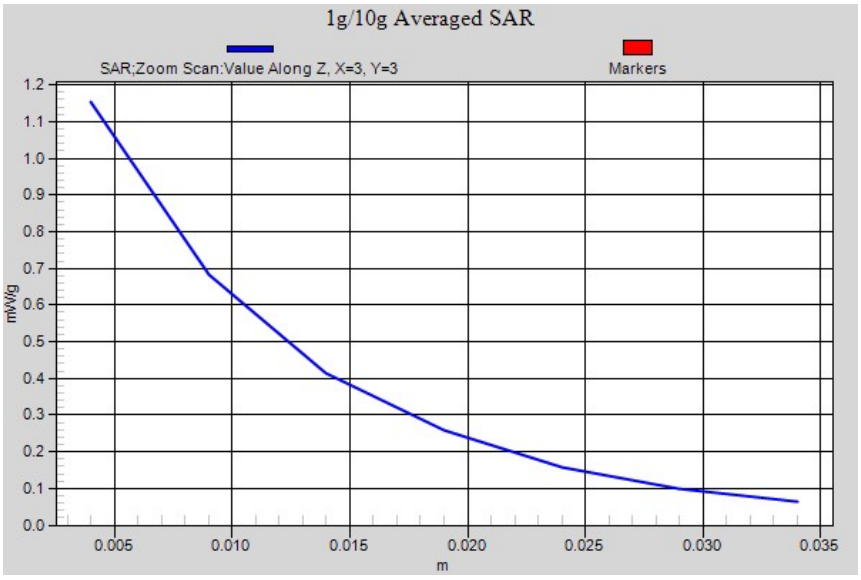
- Probe: ES3DV3 - SN3168; ConvF(4.79, 4.79, 4.79); Calibrated: 9/27/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn914; Calibrated: 12/8/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.051 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.271 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.8500
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.615 mW/g
Maximum value of SAR (measured) = 1.153 mW/g



0 dB = 1.150mW/g = 1.21 dB mW/g



Date/Time: 4/24/2012 14:06:43

Test Laboratory: HUAWEI SAR Lab

E397Bu-501R3 WCDMA1700 1513CH Front Side 5mm

DUT: E397Bu-501R3; Type: LTE 2D USB Rotator ; Serial: SAR1

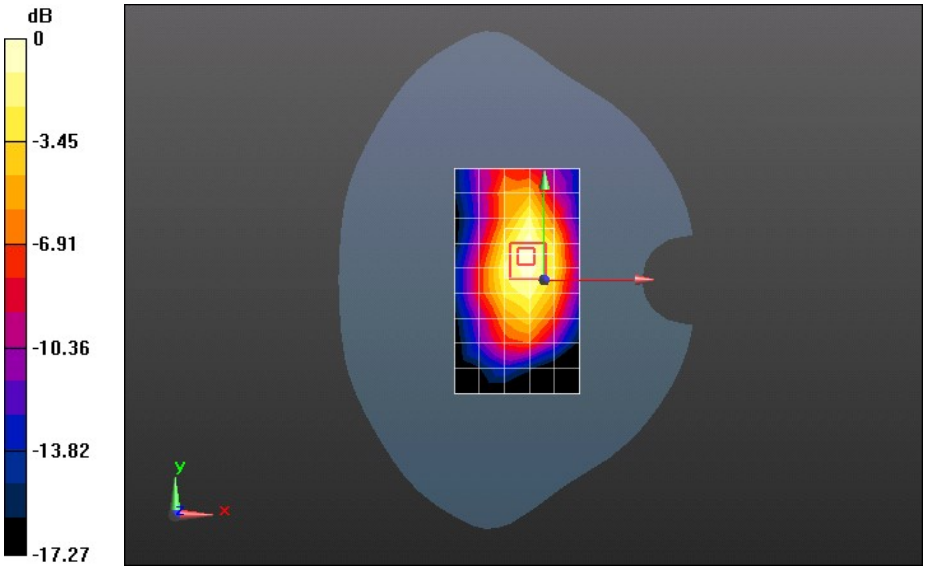
Communication System: HW-UMTS-FDD; Frequency: 1752.6 MHz
Medium parameters used: f = 1753 MHz; σ = 1.52 mho/m; ε_r = 51.854; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.79, 4.79, 4.79); Calibrated: 9/27/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn914; Calibrated: 12/8/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.759 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.268 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.3100
SAR(1 g) = 0.761 mW/g; SAR(10 g) = 0.448 mW/g
Maximum value of SAR (measured) = 0.818 mW/g



0 dB = 0.820mW/g = -1.72 dB mW/g

Date/Time: 4/24/2012 17:00:16

Test Laboratory: HUAWEI SAR Lab

E397Bu-501R3 WCDMA1700 1413CH Rear Side 5mm

DUT: E397Bu-501R3; Type: LTE 2D USB Rotator ; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz
Medium parameters used: f = 1733 MHz; σ = 1.495 mho/m; ε_r = 51.888; ρ = 1000 kg/m^3
Phantom section: Flat Section

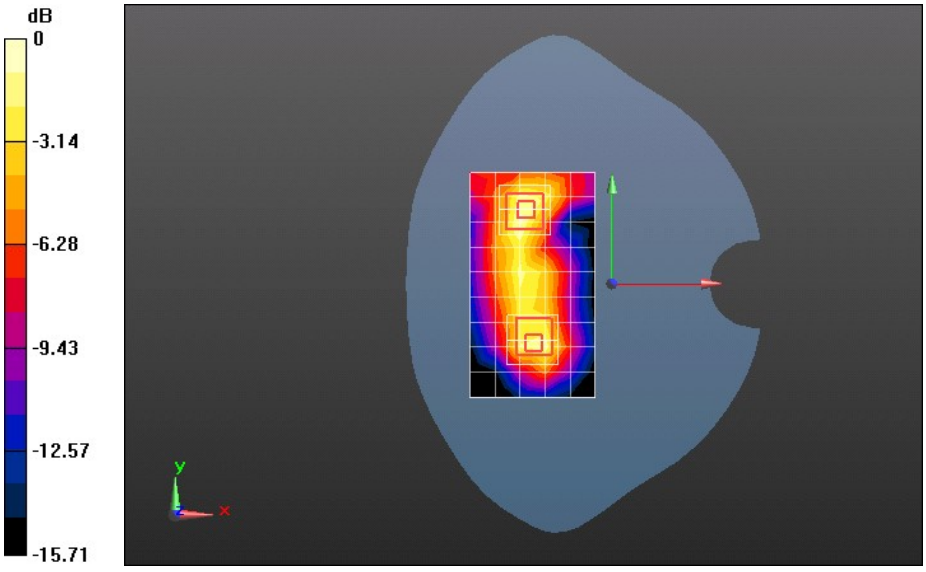
DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.79, 4.79, 4.79); Calibrated: 9/27/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn914; Calibrated: 12/8/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.816 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.266 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.3070
SAR(1 g) = 0.743 mW/g; SAR(10 g) = 0.406 mW/g
Maximum value of SAR (measured) = 0.827 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.266 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.5370
SAR(1 g) = 0.868 mW/g; SAR(10 g) = 0.462 mW/g
Maximum value of SAR (measured) = 0.971 mW/g



0 dB = 0.970mW/g = -0.26 dB mW/g

Date/Time: 4/24/2012 15:43:17

Test Laboratory: HUAWEI SAR Lab

E397Bu-501R3 WCDMA1700 1312CH Left Side 5mm

DUT: E397Bu-501R3; Type: LTE 2D USB Rotator ; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1712.4 MHz
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.474 mho/m; ε_r = 51.881; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

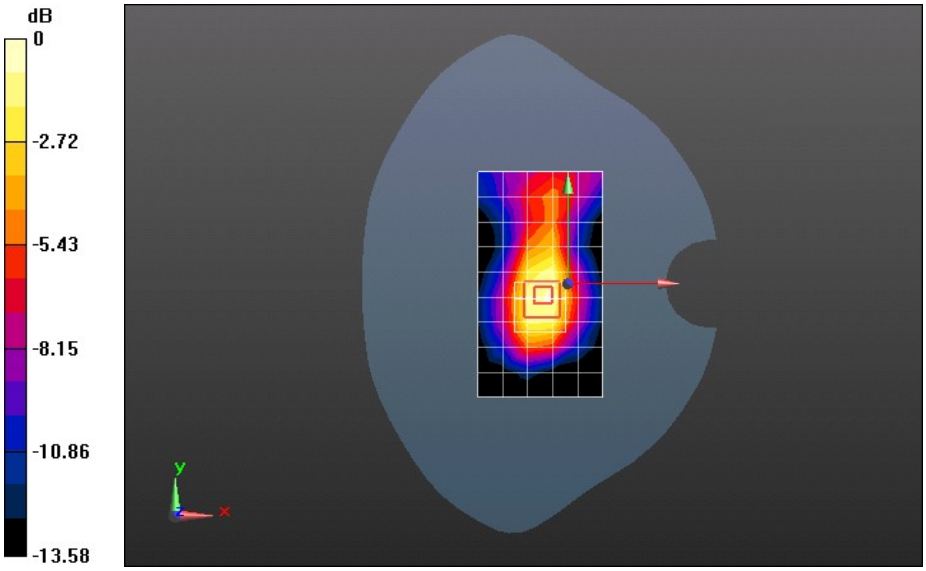
- Probe: ES3DV3 - SN3168; ConvF(4.79, 4.79, 4.79); Calibrated: 9/27/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn914; Calibrated: 12/8/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.594 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.579 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.0040
SAR(1 g) = 0.627 mW/g; SAR(10 g) = 0.374 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.680 mW/g



0 dB = 0.680mW/g = -3.35 dB mW/g

Date/Time: 4/24/2012 15:20:45

Test Laboratory: HUAWEI SAR Lab

E397Bu-501R3 WCDMA1700 1413CH Left Side 5mm

DUT: E397Bu-501R3; Type: LTE 2D USB Rotator ; Serial: SAR1

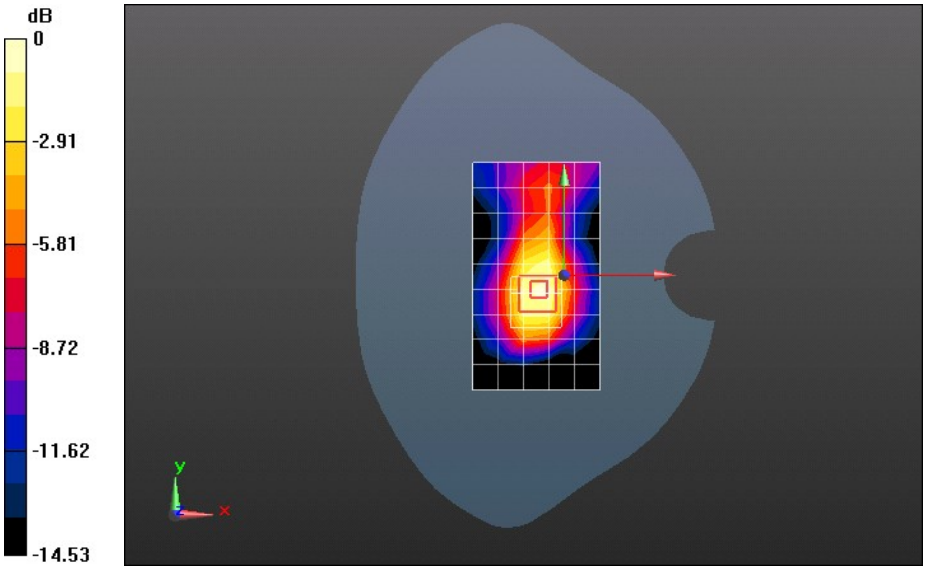
Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz
Medium parameters used: f = 1733 MHz; σ = 1.495 mho/m; ε_r = 51.888; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.79, 4.79, 4.79); Calibrated: 9/27/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn914; Calibrated: 12/8/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.928 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.099 V/m; Power Drift = 0.0071 dB
Peak SAR (extrapolated) = 1.5530
SAR(1 g) = 0.960 mW/g; SAR(10 g) = 0.570 mW/g
Maximum value of SAR (measured) = 1.043 mW/g



0 dB = 1.040mW/g = 0.34 dB mW/g

Date/Time: 4/24/2012 16:05:34

Test Laboratory: HUAWEI SAR Lab

E397Bu-501R3 WCDMA1700 1513CH Left Side 5mm

DUT: E397Bu-501R3; Type: LTE 2D USB Rotator ; Serial: SAR1

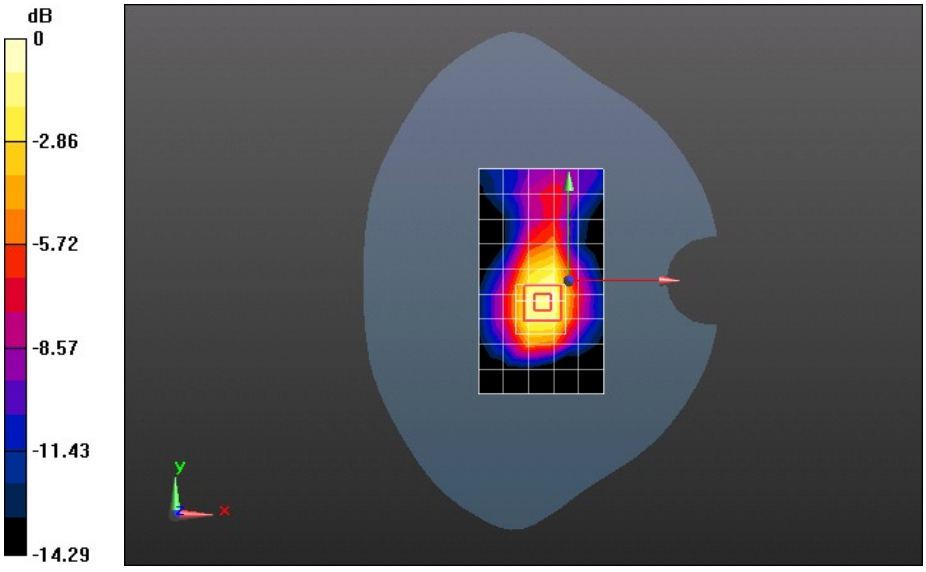
Communication System: HW-UMTS-FDD; Frequency: 1752.6 MHz
Medium parameters used: f = 1753 MHz; σ = 1.52 mho/m; ε_r = 51.854; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.79, 4.79, 4.79); Calibrated: 9/27/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn914; Calibrated: 12/8/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.724 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.445 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.2720
SAR(1 g) = 0.781 mW/g; SAR(10 g) = 0.461 mW/g
Maximum value of SAR (measured) = 0.855 mW/g



0 dB = 0.860mW/g = -1.31 dB mW/g

Date/Time: 4/24/2012 16:30:22

Test Laboratory: HUAWEI SAR Lab

E397Bu-501R3 WCDMA1700 1413CH Right Side 5mm

DUT: E397Bu-501R3; Type: LTE 2D USB Rotator ; Serial: SAR1

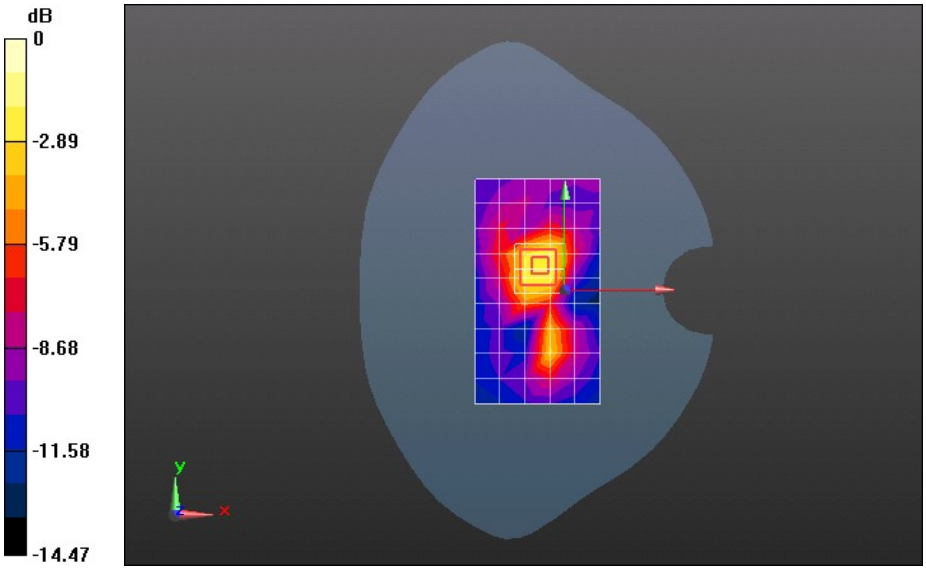
Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz
Medium parameters used: f = 1733 MHz; σ = 1.495 mho/m; ε_r = 51.888; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.79, 4.79, 4.79); Calibrated: 9/27/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn914; Calibrated: 12/8/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.213 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.464 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.5960
SAR(1 g) = 0.287 mW/g; SAR(10 g) = 0.142 mW/g
Maximum value of SAR (measured) = 0.326 mW/g



0 dB = 0.330mW/g = -9.63 dB mW/g

Date/Time: 4/24/2012 17:52:58

Test Laboratory: HUAWEI SAR Lab

E397Bu-501R3 WCDMA1700 1413CH Front Side 5mm with HSDPA

DUT: E397Bu-501R3; Type: LTE 2D USB Rotator ; Serial: SAR1

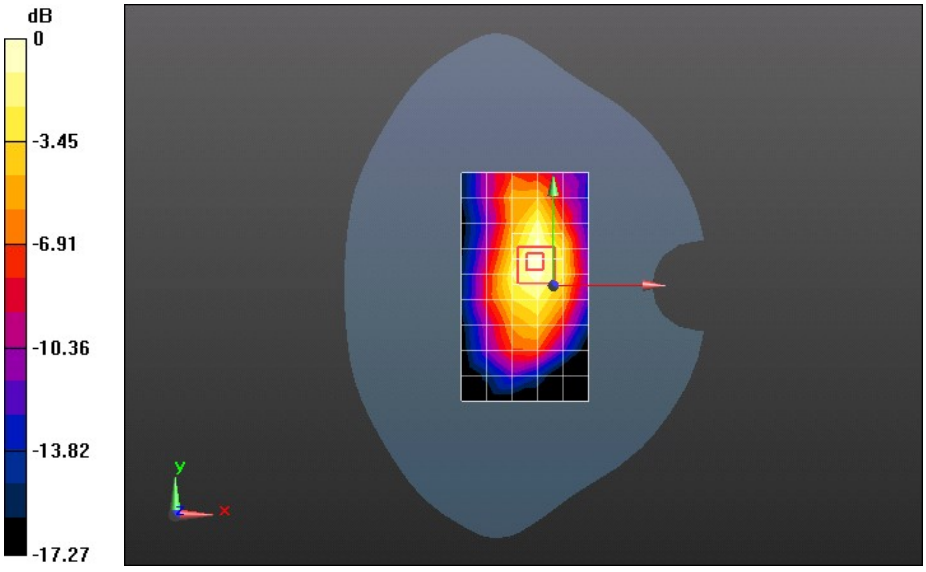
Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz
Medium parameters used: f = 1733 MHz; σ = 1.495 mho/m; ε_r = 51.888; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.79, 4.79, 4.79); Calibrated: 9/27/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn914; Calibrated: 12/8/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.027 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.531 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.7880
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.598 mW/g
Maximum value of SAR (measured) = 1.117 mW/g



0 dB = 1.120mW/g = 0.98 dB mW/g

Date/Time: 4/25/2012 8:53:56

Test Laboratory: HUAWEI SAR Lab

E397Bu-501R3 WCDMA1700 1413CH Front Side 5mm with HSUPA

DUT: E397Bu-501R3; Type: LTE 2D USB Rotator ; Serial: SAR1

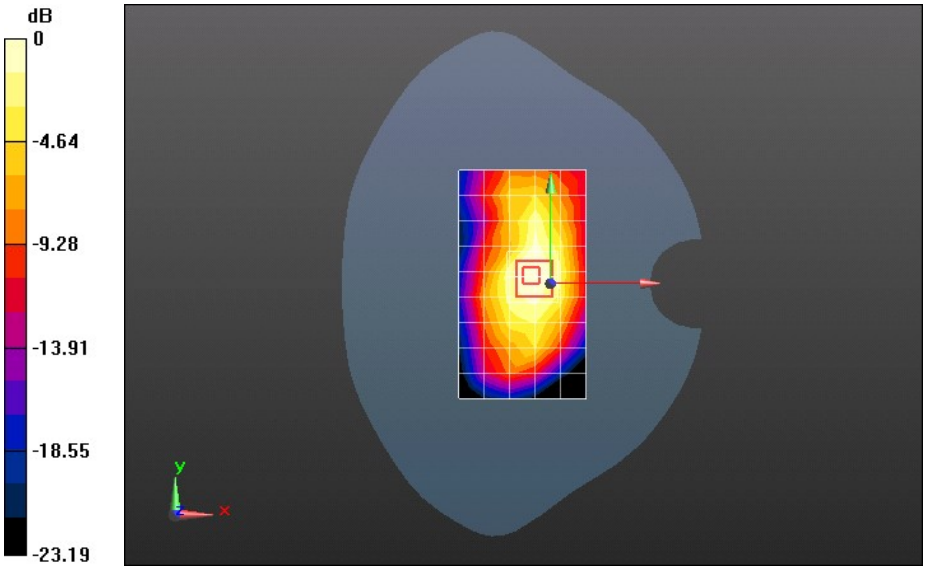
Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz
Medium parameters used: f = 1733 MHz; σ = 1.495 mho/m; ε_r = 51.888; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.79, 4.79, 4.79); Calibrated: 9/27/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1236; Calibrated: 3/28/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.917 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.473 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.3550
SAR(1 g) = 0.782 mW/g; SAR(10 g) = 0.453 mW/g
Maximum value of SAR (measured) = 0.854 mW/g



0 dB = 0.850mW/g = -1.41 dB mW/g

Date/Time: 4/25/2012 11:51:01

Test Laboratory: HUAWEI SAR Lab

E397Bu-501R3 WCDMA1900 9262CH Front Side 5mm

DUT: E397Bu-501R3; Type: LTE 2D USB Rotator ; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1852.4 MHz
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.483 mho/m; ε_r = 52.381; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

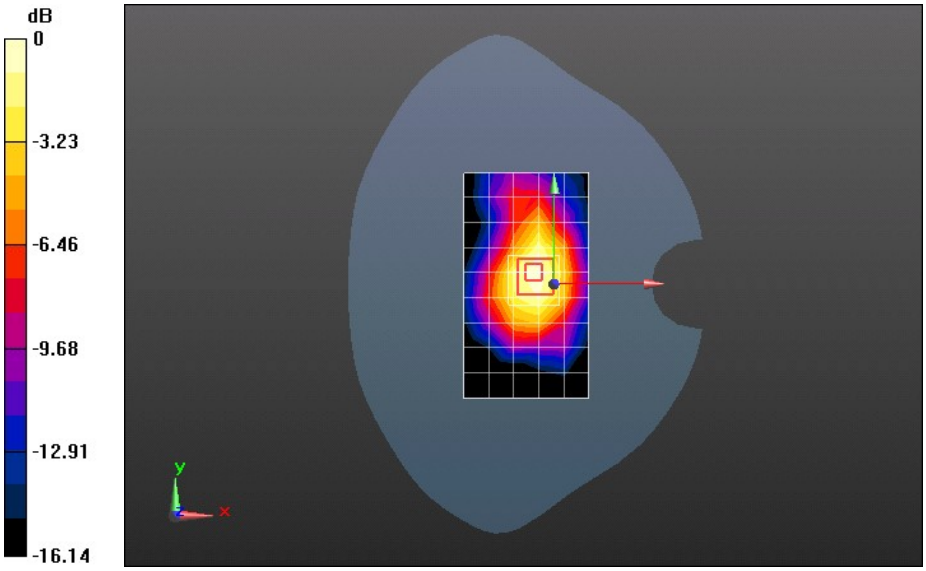
- Probe: ES3DV3 - SN3168; ConvF(4.61, 4.61, 4.61); Calibrated: 9/27/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn914; Calibrated: 12/8/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.032 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.581 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.6270
SAR(1 g) = 0.968 mW/g; SAR(10 g) = 0.573 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.058 mW/g



0 dB = 1.060mW/g = 0.51 dB mW/g

Date/Time: 4/25/2012 11:02:22

Test Laboratory: HUAWEI SAR Lab

E397Bu-501R3 WCDMA1900 9400CH Front Side 5mm

DUT: E397Bu-501R3; Type: LTE 2D USB Rotator ; Serial: SAR1

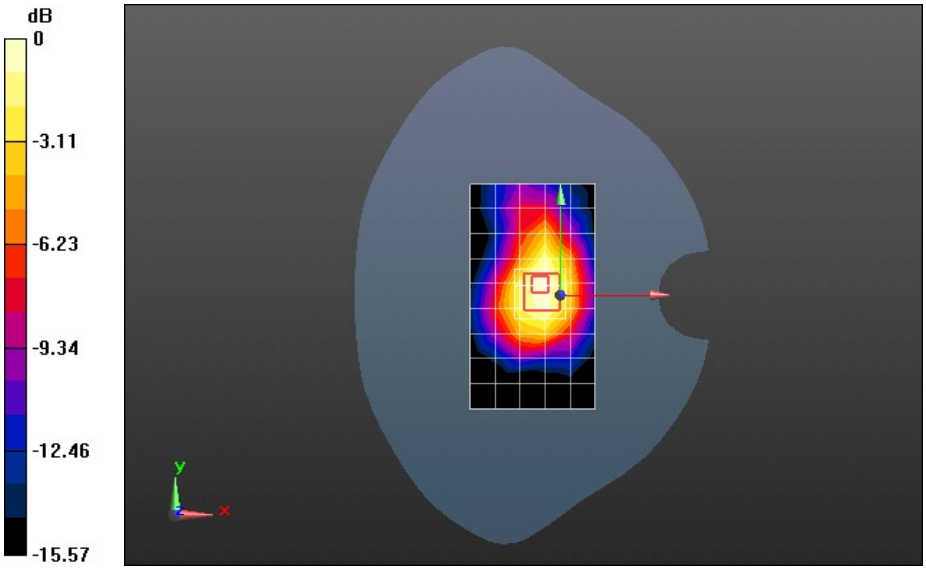
Communication System: HW-UMTS-FDD; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 52.335; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.61, 4.61, 4.61); Calibrated: 9/27/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn914; Calibrated: 12/8/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): 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 = 23.655 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.3890
SAR(1 g) = 0.818 mW/g; SAR(10 g) = 0.491 mW/g
Maximum value of SAR (measured) = 0.888 mW/g



0 dB = 0.890mW/g = -1.01 dB mW/g

Date/Time: 4/25/2012 11:28:54

Test Laboratory: HUAWEI SAR Lab

E397Bu-501R3 WCDMA1900 9538CH Front Side 5mm

DUT: E397Bu-501R3; Type: LTE 2D USB Rotator ; Serial: SAR1

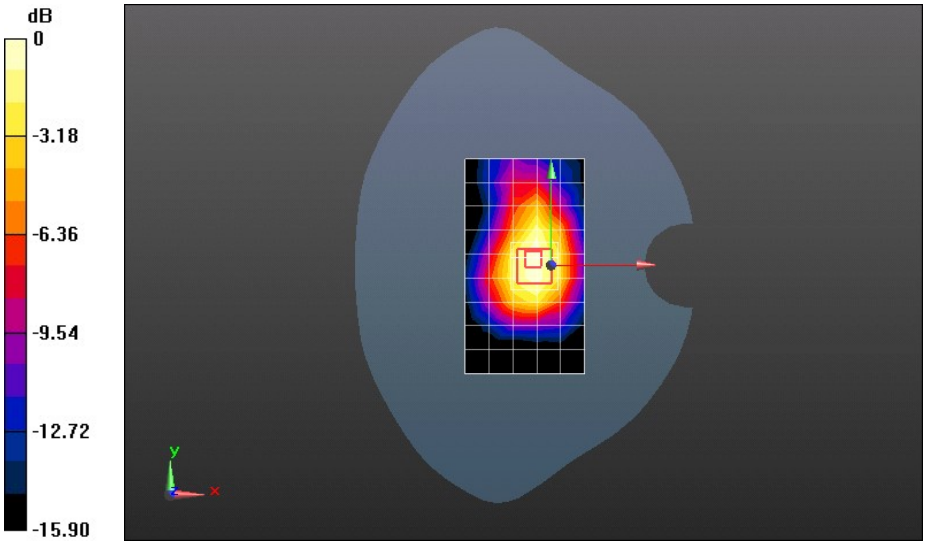
Communication System: HW-UMTS-FDD; Frequency: 1907.6 MHz
Medium parameters used: f = 1908 MHz; σ = 1.539 mho/m; ε_r = 52.282; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

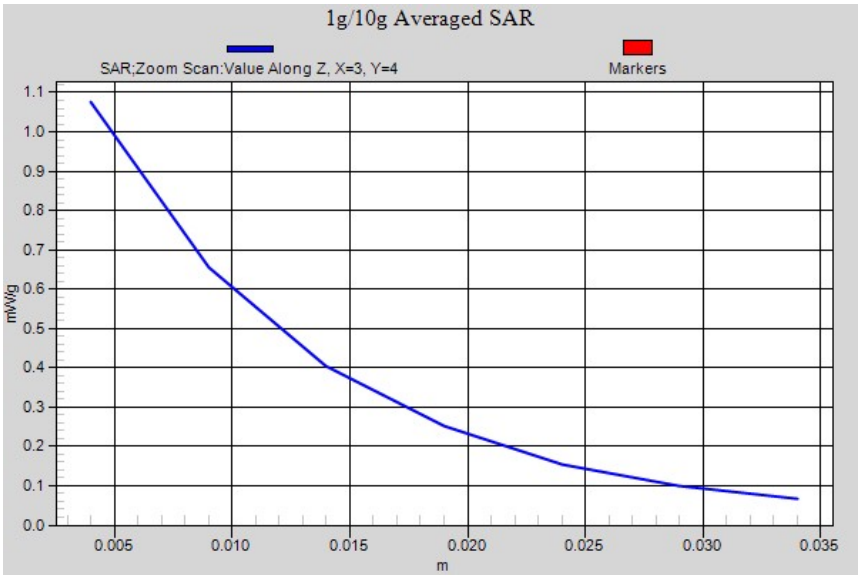
- Probe: ES3DV3 - SN3168; ConvF(4.61, 4.61, 4.61); Calibrated: 9/27/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn914; Calibrated: 12/8/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.038 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.672 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.6550
SAR(1 g) = 0.984 mW/g; SAR(10 g) = 0.599 mW/g
Maximum value of SAR (measured) = 1.075 mW/g



0 dB = 1.080mW/g = 0.67 dB mW/g



Date/Time: 4/25/2012 12:19:51

Test Laboratory: HUAWEI SAR Lab

E397Bu-501R3 WCDMA1900 9400CH Rear Side 5mm

DUT: E397Bu-501R3; Type: LTE 2D USB Rotator ; Serial: SAR1

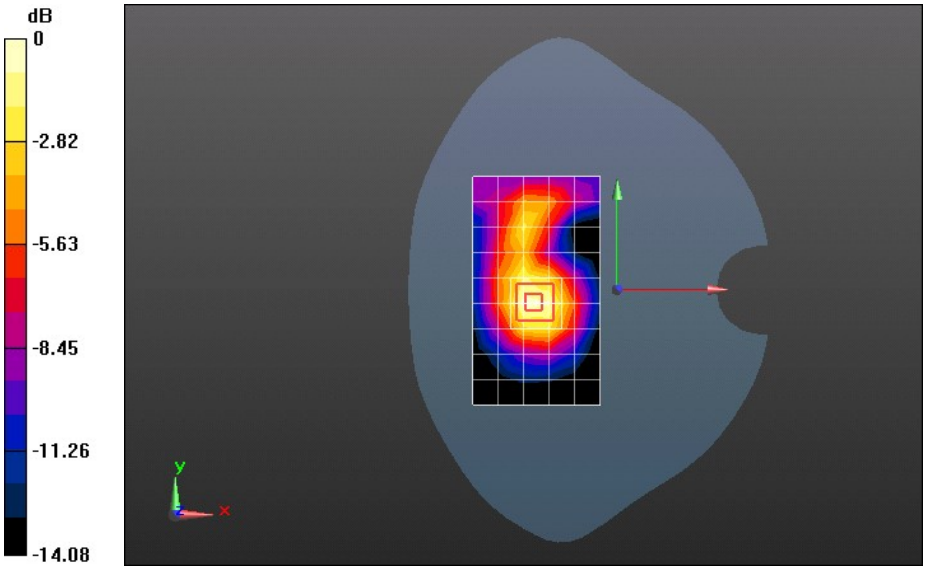
Communication System: HW-UMTS-FDD; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 52.335; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.61, 4.61, 4.61); Calibrated: 9/27/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn914; Calibrated: 12/8/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.736 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.489 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.1340
SAR(1 g) = 0.730 mW/g; SAR(10 g) = 0.432 mW/g
Maximum value of SAR (measured) = 0.800 mW/g



0 dB = 0.800mW/g = -1.94 dB mW/g

Date/Time: 4/25/2012 13:08:36

Test Laboratory: HUAWEI SAR Lab

E397Bu-501R3 WCDMA1900 9400CH Left Side 5mm

DUT: E397Bu-501R3; Type: LTE 2D USB Rotator ; Serial: SAR1

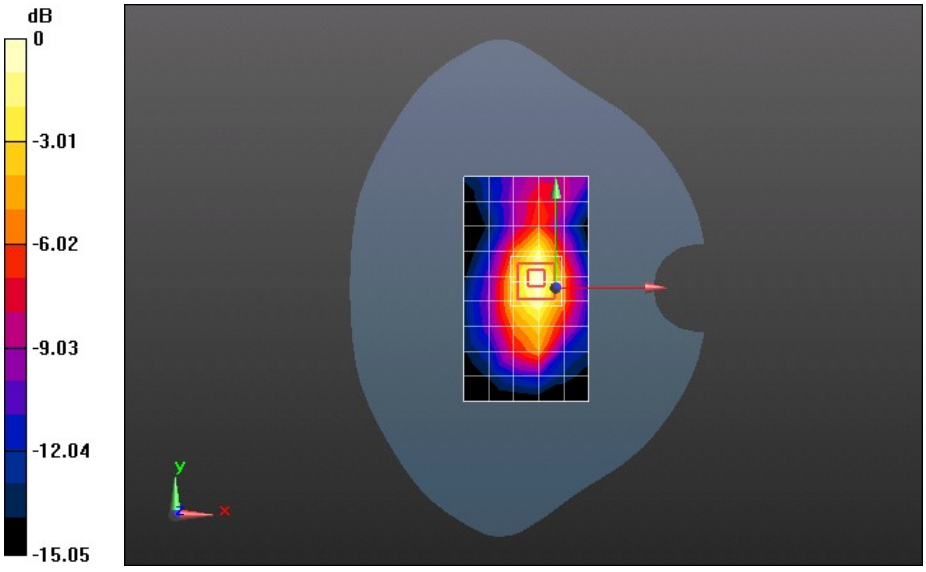
Communication System: HW-UMTS-FDD; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 52.335; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.61, 4.61, 4.61); Calibrated: 9/27/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn914; Calibrated: 12/8/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.669 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.836 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.0210
SAR(1 g) = 0.595 mW/g; SAR(10 g) = 0.330 mW/g
Maximum value of SAR (measured) = 0.663 mW/g



0 dB = 0.660mW/g = -3.61 dB mW/g

Date/Time: 4/25/2012 14:13:18

Test Laboratory: HUAWEI SAR Lab

E397Bu-501R3 WCDMA1900 9400CH Right Side 5mm

DUT: E397Bu-501R3; Type: LTE 2D USB Rotator ; Serial: SAR1

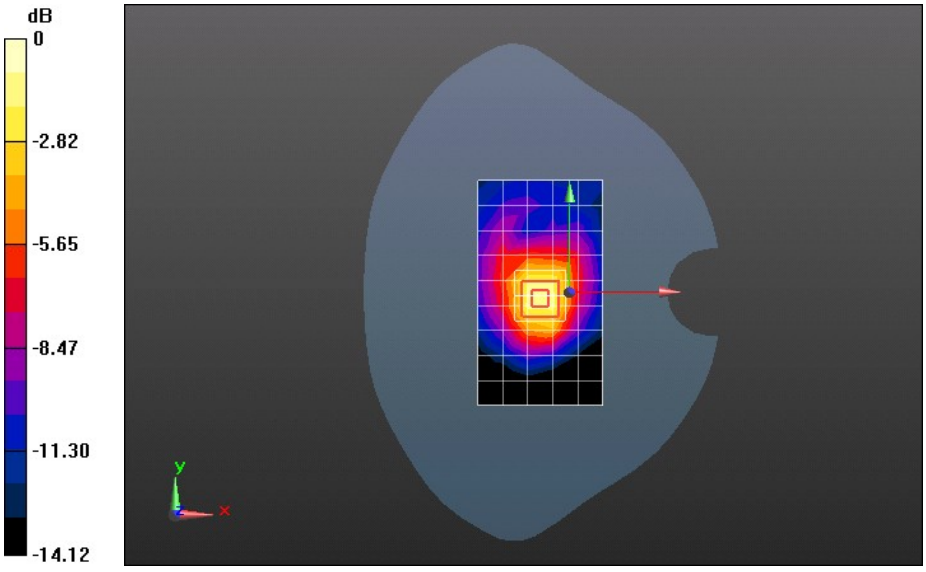
Communication System: HW-UMTS-FDD; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 52.335; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.61, 4.61, 4.61); Calibrated: 9/27/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn914; Calibrated: 12/8/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.302 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.403 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.6400
SAR(1 g) = 0.368 mW/g; SAR(10 g) = 0.204 mW/g
Maximum value of SAR (measured) = 0.411 mW/g



0 dB = 0.410mW/g = -7.74 dB mW/g

Date/Time: 4/25/2012 14:47:03

Test Laboratory: HUAWEI SAR Lab

E397Bu-502 WCDMA1900 9538CH Front Side 5mm with HSDPA

DUT: E397Bu-501R; Type: LTE 2D USB Rotator; Serial: SAR1

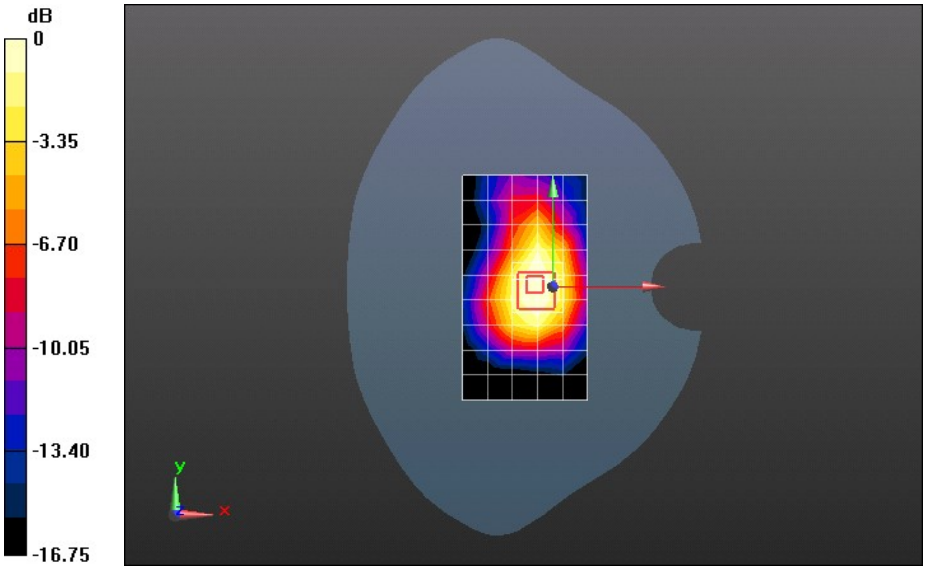
Communication System: HW-UMTS-FDD; Frequency: 1907.6 MHz
Medium parameters used: f = 1908 MHz; σ = 1.539 mho/m; ε_r = 52.282; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.61, 4.61, 4.61); Calibrated: 9/27/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn914; Calibrated: 12/8/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.083 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.801 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.5710
SAR(1 g) = 0.938 mW/g; SAR(10 g) = 0.573 mW/g
Maximum value of SAR (measured) = 1.014 mW/g



0 dB = 1.010mW/g = 0.09 dB mW/g

Date/Time: 4/25/2012 16:33:06

Test Laboratory: HUAWEI SAR Lab

E397Bu-502 WCDMA1900 9538CH Front Side 5mm with HSUPA

DUT: E397Bu-501R; Type: LTE 2D USB Rotator; Serial: SAR1

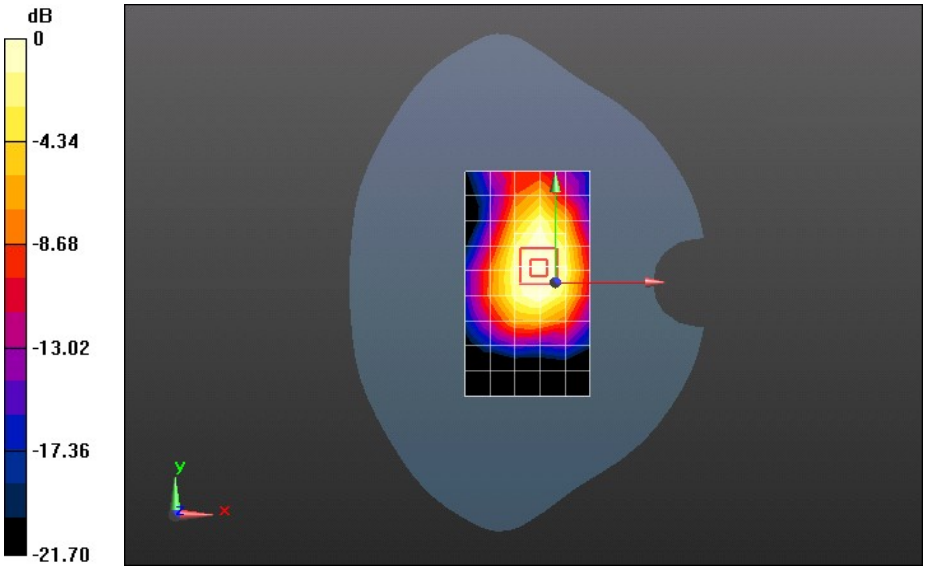
Communication System: HW-UMTS-FDD; Frequency: 1907.6 MHz
Medium parameters used: f = 1908 MHz; σ = 1.539 mho/m; ε_r = 52.282; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.61, 4.61, 4.61); Calibrated: 9/27/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn914; Calibrated: 12/8/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.022 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.034 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.4160
SAR(1 g) = 0.835 mW/g; SAR(10 g) = 0.497 mW/g
Maximum value of SAR (measured) = 0.897 mW/g



0 dB = 0.900mW/g = -0.92 dB mW/g