

Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band IV 20M 16QAM 50%RB#25 20050CH Rear side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 54.007$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.58, 7.58, 7.58); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 1.11 W/kg

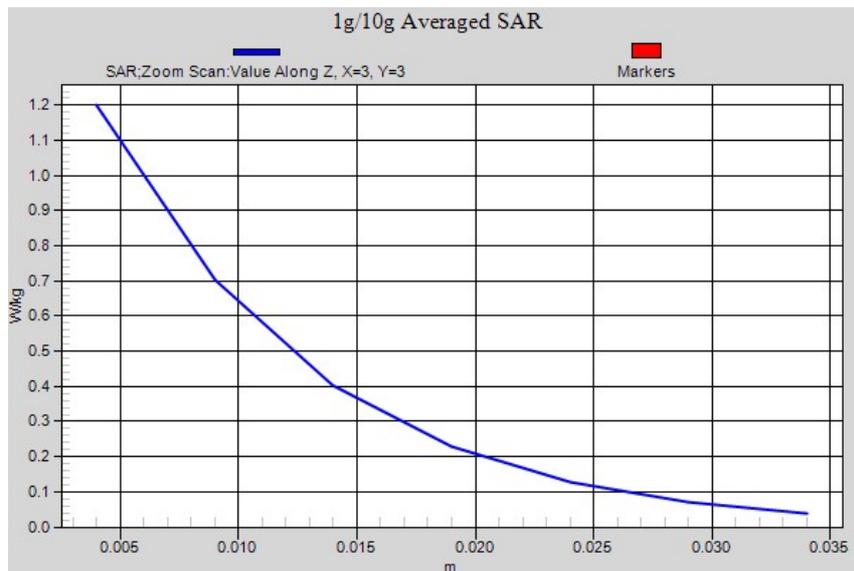
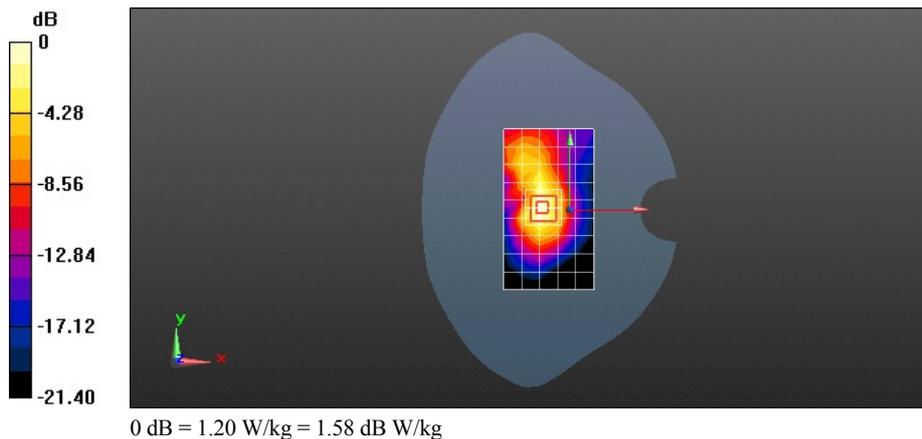
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.156 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.900 mW/g

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.541 mW/g

Maximum value of SAR (measured) = 1.20 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band IV 20M 16QAM 50%RB#25 20050CH Left side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 54.007$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.58, 7.58, 7.58); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.0798 W/kg

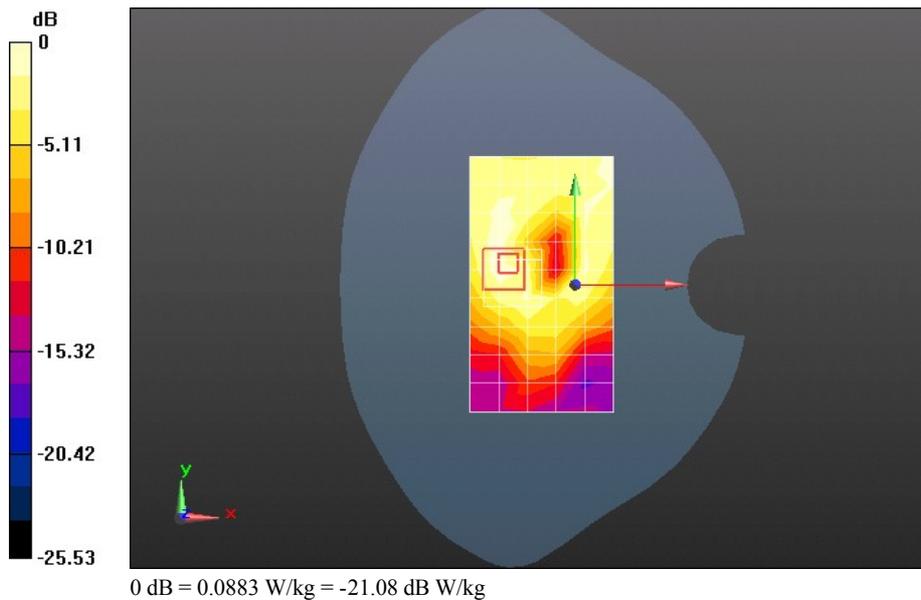
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.377 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.144 mW/g

SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.045 mW/g

Maximum value of SAR (measured) = 0.0883 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band IV 20M 16QAM 50%RB#25 20050CH Right side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 54.007$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.58, 7.58, 7.58); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.413 W/kg

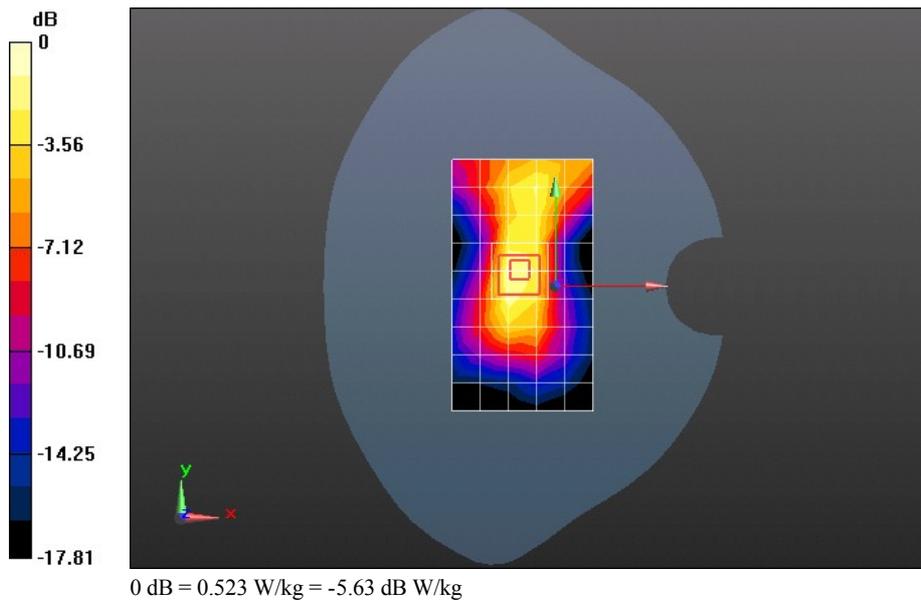
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.453 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.843 mW/g

SAR(1 g) = 0.459 mW/g; SAR(10 g) = 0.237 mW/g

Maximum value of SAR (measured) = 0.523 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band IV 20M 16QAM 1RB#0 20300CH Front side 5mm**DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1**

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.512$ mho/m; $\epsilon_r = 53.845$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.58, 7.58, 7.58); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.799 W/kg

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

Reference Value = 2.710 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.207 mW/g

SAR(1 g) = 0.678 mW/g; SAR(10 g) = 0.361 mW/g

Maximum value of SAR (measured) = 0.752 W/kg

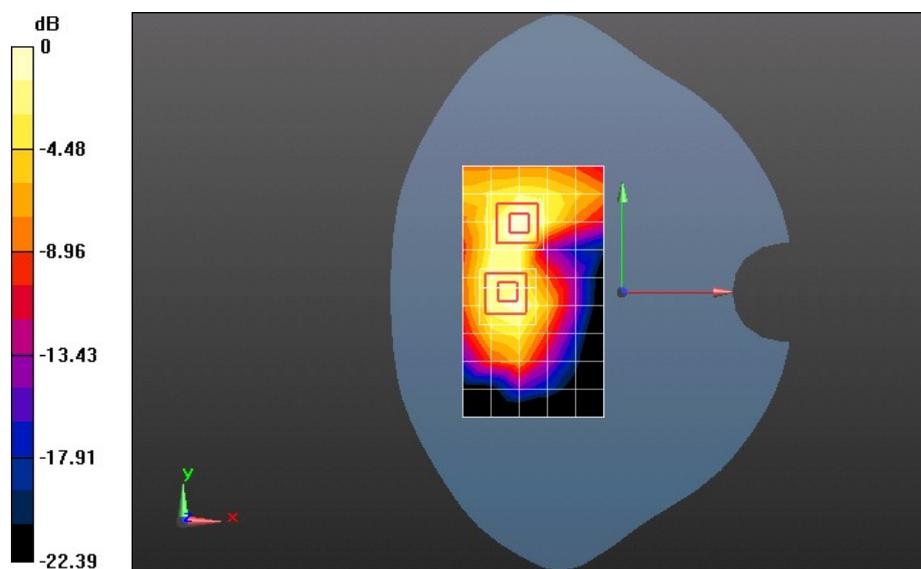
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.710 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.140 mW/g

SAR(1 g) = 0.658 mW/g; SAR(10 g) = 0.347 mW/g

Maximum value of SAR (measured) = 0.735 W/kg



0 dB = 0.735 W/kg = -2.67 dB W/kg

Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band IV 20M 16QAM 1RB#0 20300CH Rear side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.512$ mho/m; $\epsilon_r = 53.845$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.58, 7.58, 7.58); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 1.06 W/kg

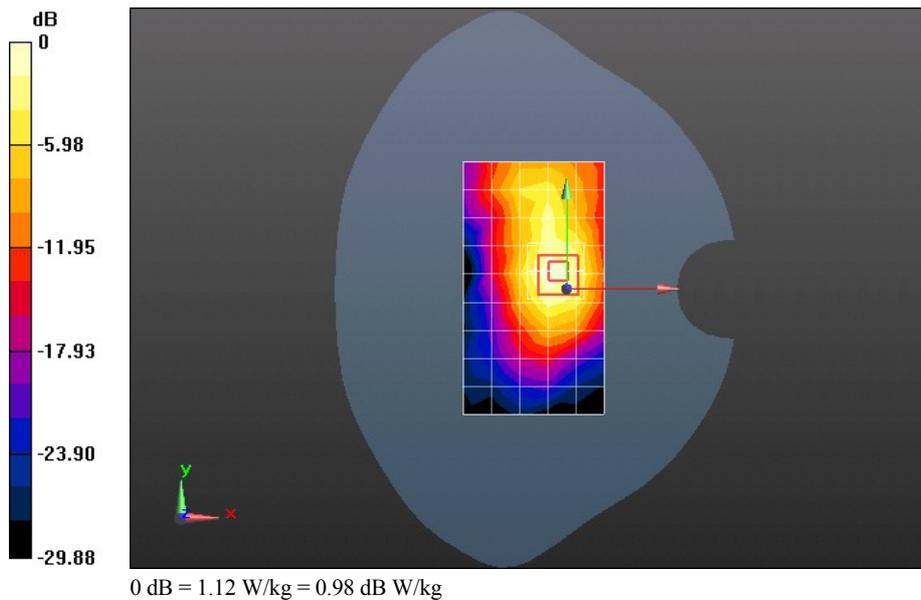
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.626 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.772 mW/g

SAR(1 g) = 0.990 mW/g; SAR(10 g) = 0.500 mW/g

Maximum value of SAR (measured) = 1.12 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band IV 20M 16QAM 1RB#0 20300CH Left side 5mm**DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1**

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.512$ mho/m; $\epsilon_r = 53.845$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.58, 7.58, 7.58); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0761 W/kg

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

Reference Value = 3.364 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.130 mW/g

SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.043 mW/g

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

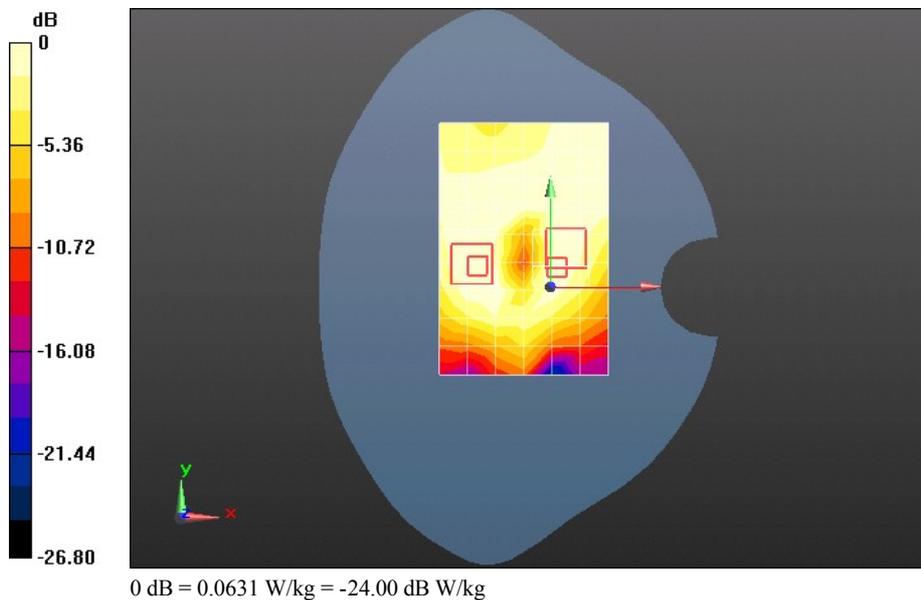
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.364 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.095 mW/g

SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.033 mW/g

Maximum value of SAR (measured) = 0.0631 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band IV 20M 16QAM 1RB#0 20300CH Right side 5mm**DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1**

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.512$ mho/m; $\epsilon_r = 53.845$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.58, 7.58, 7.58); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.387 W/kg

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

Reference Value = 17.174 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.872 mW/g

SAR(1 g) = 0.476 mW/g; SAR(10 g) = 0.242 mW/g

Maximum value of SAR (measured) = 0.541 W/kg

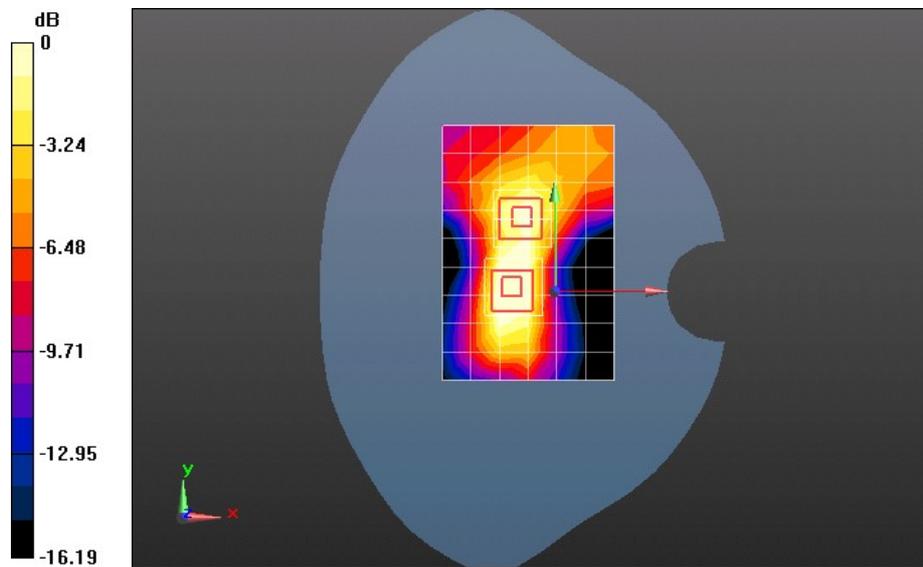
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.174 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.483 mW/g

SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.177 mW/g

Maximum value of SAR (measured) = 0.335 W/kg



0 dB = 0.335 W/kg = -9.50 dB W/kg

Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band IV 20M 16QAM 1RB#99 20050CH Front side 5mm**DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1**

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 54.007$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.58, 7.58, 7.58); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.783 W/kg

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

Reference Value = 2.399 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.185 mW/g

SAR(1 g) = 0.669 mW/g; SAR(10 g) = 0.357 mW/g

Maximum value of SAR (measured) = 0.739 W/kg

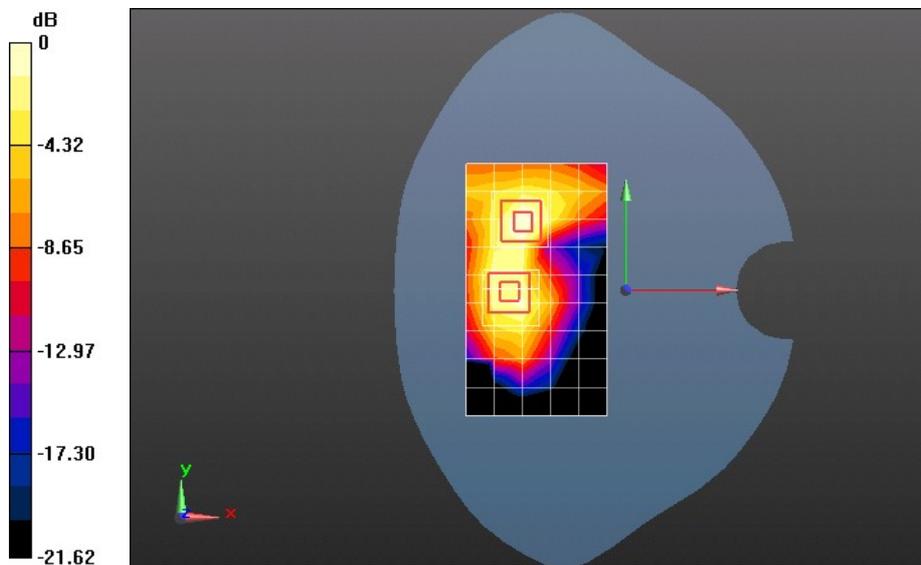
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.399 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.121 mW/g

SAR(1 g) = 0.644 mW/g; SAR(10 g) = 0.340 mW/g

Maximum value of SAR (measured) = 0.726 W/kg



0 dB = 0.726 W/kg = -2.78 dB W/kg

Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band IV 20M 16QAM 1RB#99 20050CH Rear side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 54.007$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.58, 7.58, 7.58); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 1.03 W/kg

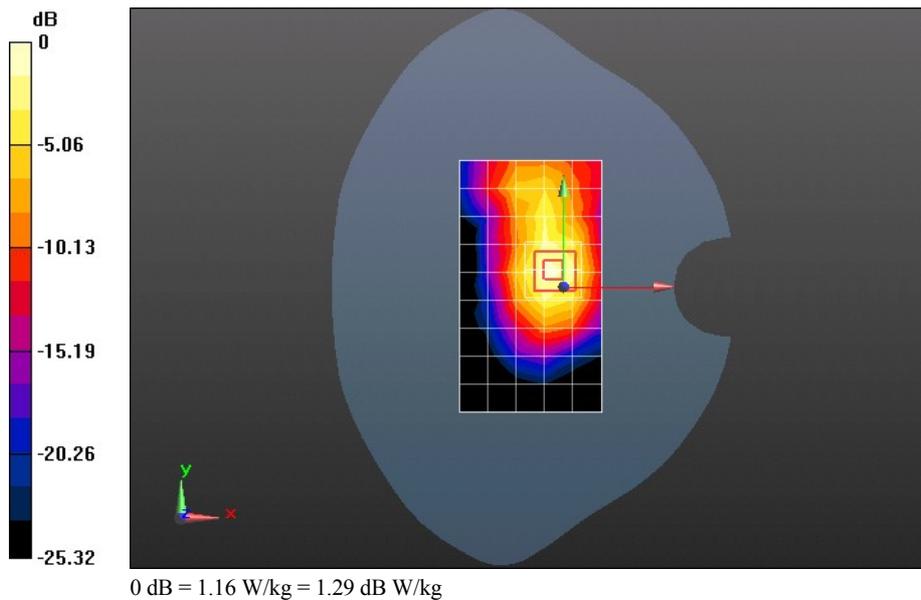
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.897 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.816 mW/g

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.517 mW/g

Maximum value of SAR (measured) = 1.16 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band IV 20M 16QAM 1RB#99 20050CH Left side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 54.007$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.58, 7.58, 7.58); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0750 W/kg

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

Reference Value = 3.039 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.123 mW/g

SAR(1 g) = 0.071 mW/g; SAR(10 g) = 0.040 mW/g

Maximum value of SAR (measured) = 0.0799 W/kg

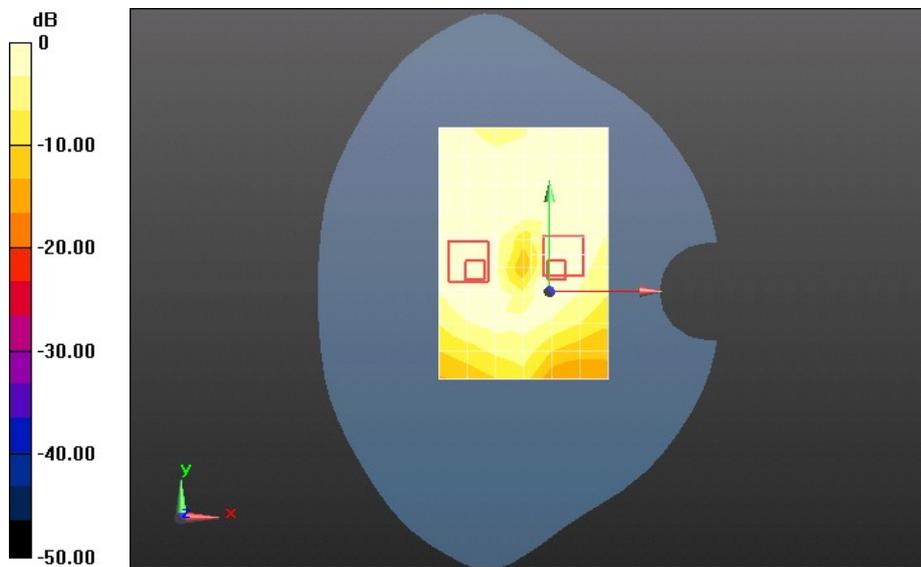
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.039 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.093 mW/g

SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.030 mW/g

Maximum value of SAR (measured) = 0.0590 W/kg



0 dB = 0.0590 W/kg = -24.58 dB W/kg

Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band IV 20M 16QAM 1RB#99 20050CH Right side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 54.007$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.58, 7.58, 7.58); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.355 W/kg

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

Reference Value = 16.857 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.789 mW/g

SAR(1 g) = 0.429 mW/g; SAR(10 g) = 0.220 mW/g

Maximum value of SAR (measured) = 0.488 W/kg

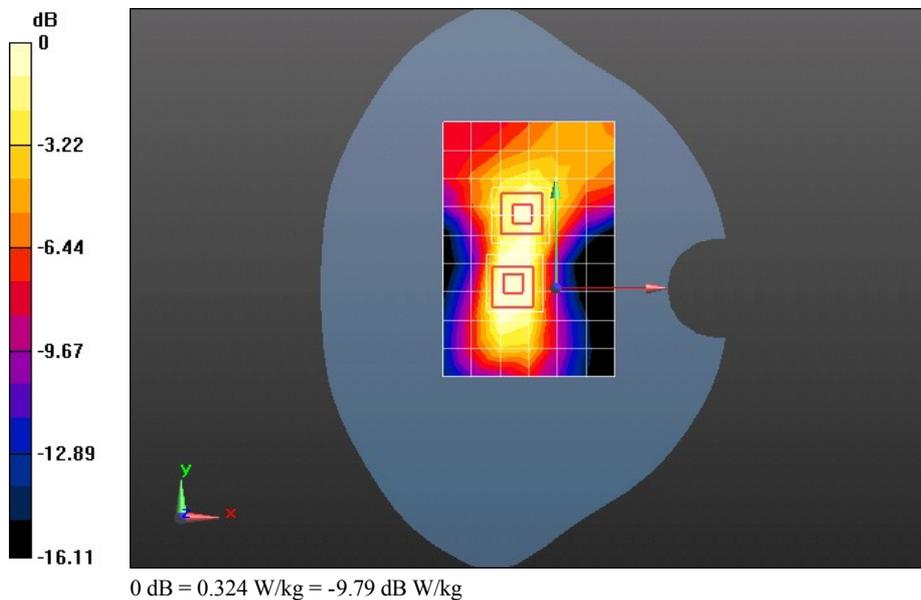
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.857 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.471 mW/g

SAR(1 g) = 0.296 mW/g; SAR(10 g) = 0.172 mW/g

Maximum value of SAR (measured) = 0.324 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band V 10M QPSK 50%RB#13 20525CH Front side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 10 MHz, QPSK, 16-QAM); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 54.78$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.99, 8.99, 8.99); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.661 W/kg

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

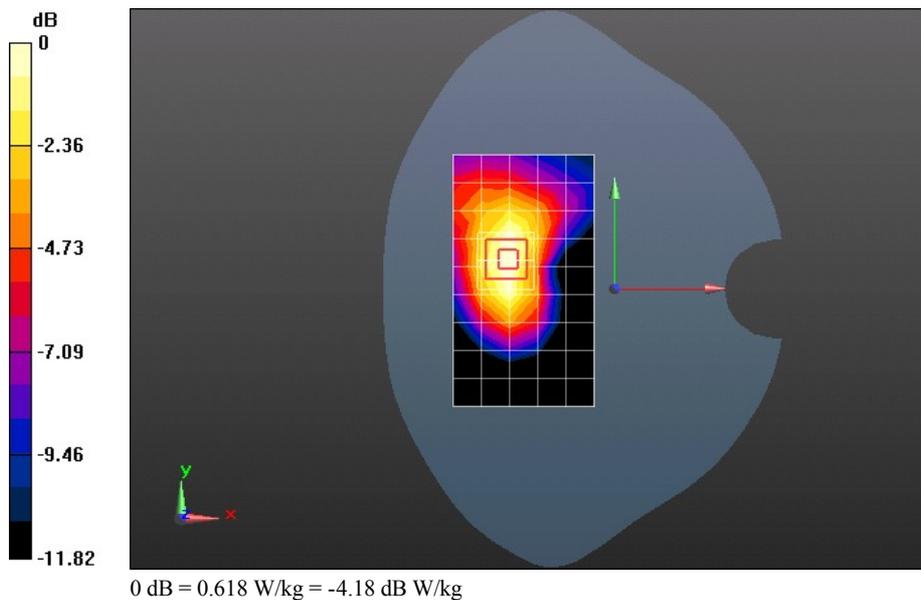
Reference Value = 3.560 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.882 mW/g

SAR(1 g) = 0.569 mW/g; SAR(10 g) = 0.356 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.618 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band V 10M QPSK 50%RB#13 20525CH Rear side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 10 MHz, QPSK, 16-QAM); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 54.78$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.99, 8.99, 8.99); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.734 W/kg

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

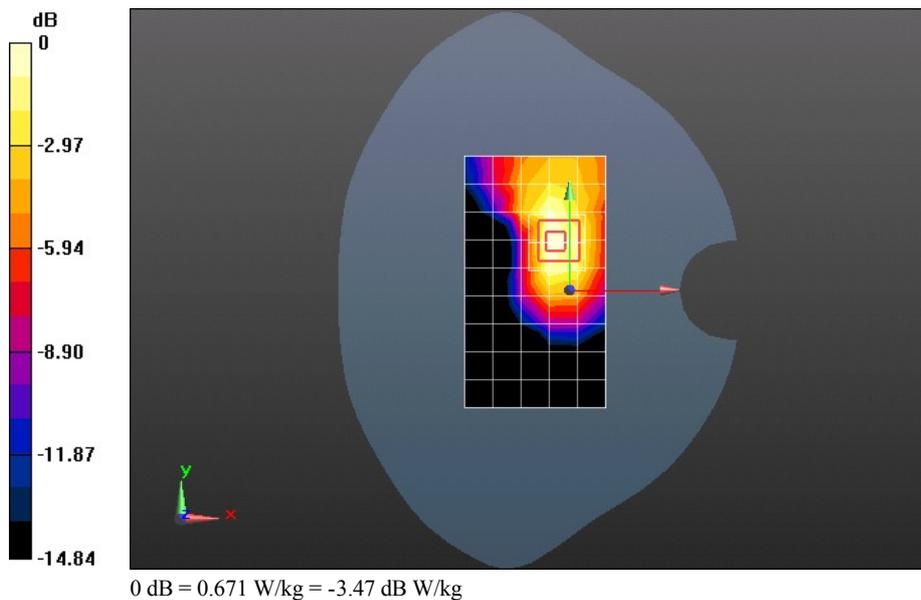
Reference Value = 15.905 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.060 mW/g

SAR(1 g) = 0.612 mW/g; SAR(10 g) = 0.356 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.671 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band V 10M QPSK 50%RB#13 20525CH Left side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 10 MHz, QPSK, 16-QAM); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 54.78$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.99, 8.99, 8.99); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.103 W/kg

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

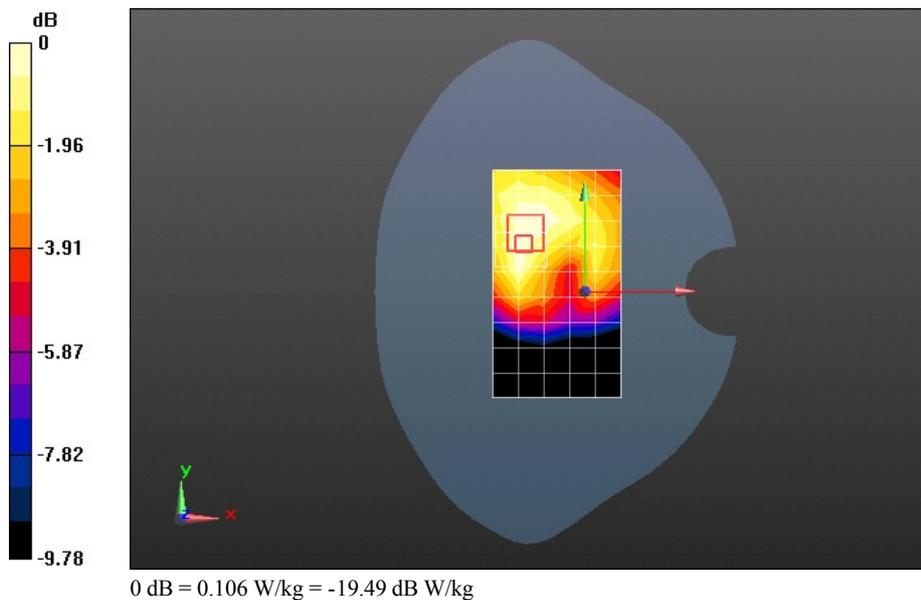
Reference Value = 6.052 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.143 mW/g

SAR(1 g) = 0.099 mW/g; SAR(10 g) = 0.069 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.106 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band V 10M QPSK 50%RB#13 20525CH Rig side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 10 MHz, QPSK, 16-QAM); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 54.78$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.99, 8.99, 8.99); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.432 W/kg

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

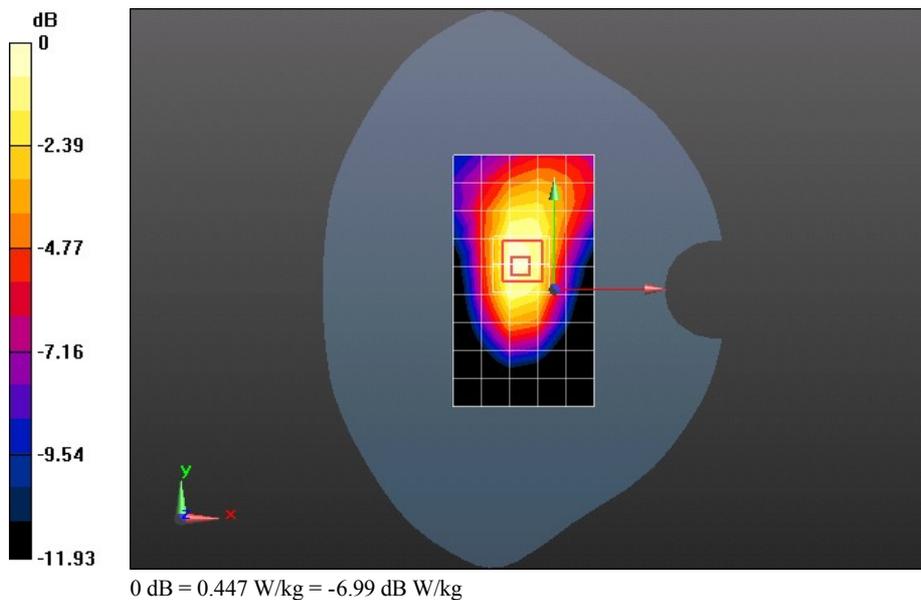
Reference Value = 20.911 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.664 mW/g

SAR(1 g) = 0.412 mW/g; SAR(10 g) = 0.254 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.447 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band V 10M QPSK 1RB#0 20450CH Front side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 10 MHz, QPSK, 16-QAM); Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 829$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 54.841$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.99, 8.99, 8.99); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.731 W/kg

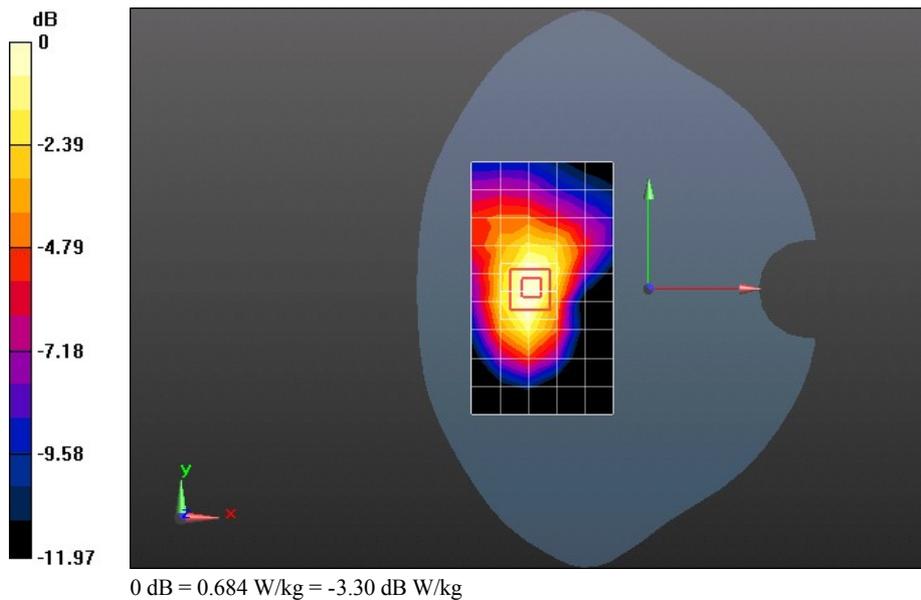
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.558 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.971 mW/g

SAR(1 g) = 0.625 mW/g; SAR(10 g) = 0.388 mW/g

Maximum value of SAR (measured) = 0.684 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band V 10M QPSK 1RB#0 20450CH Rear side 5mm**DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1**

Communication System: LTE-FDD (SC-FDMA, 10 MHz, QPSK, 16-QAM); Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 829$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 54.841$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.99, 8.99, 8.99); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.622 W/kg

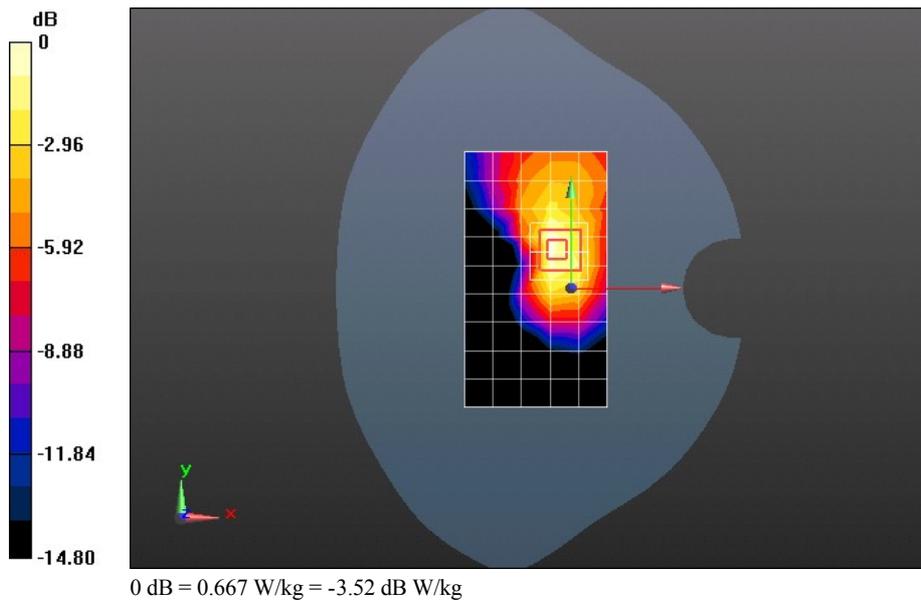
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.901 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.051 mW/g

SAR(1 g) = 0.607 mW/g; SAR(10 g) = 0.352 mW/g

Maximum value of SAR (measured) = 0.667 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band V 10M QPSK 1RB#0 20450CH Left side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 10 MHz, QPSK, 16-QAM); Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 829$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 54.841$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.99, 8.99, 8.99); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

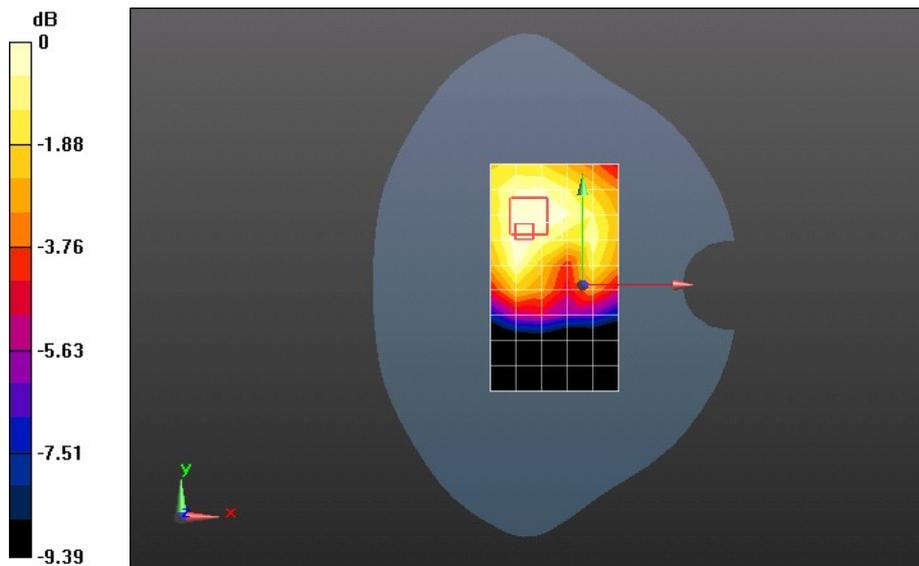
Maximum value of SAR (measured) = 0.120 W/kg

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

Reference Value = 6.950 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.159 mW/g

SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.079 mW/g



0 dB = 0.120 W/kg = -18.42 dB W/kg

Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band V 10M QPSK 1RB#0 20450CH Rigt side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 10 MHz, QPSK, 16-QAM); Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 829$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 54.841$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.99, 8.99, 8.99); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.380 W/kg

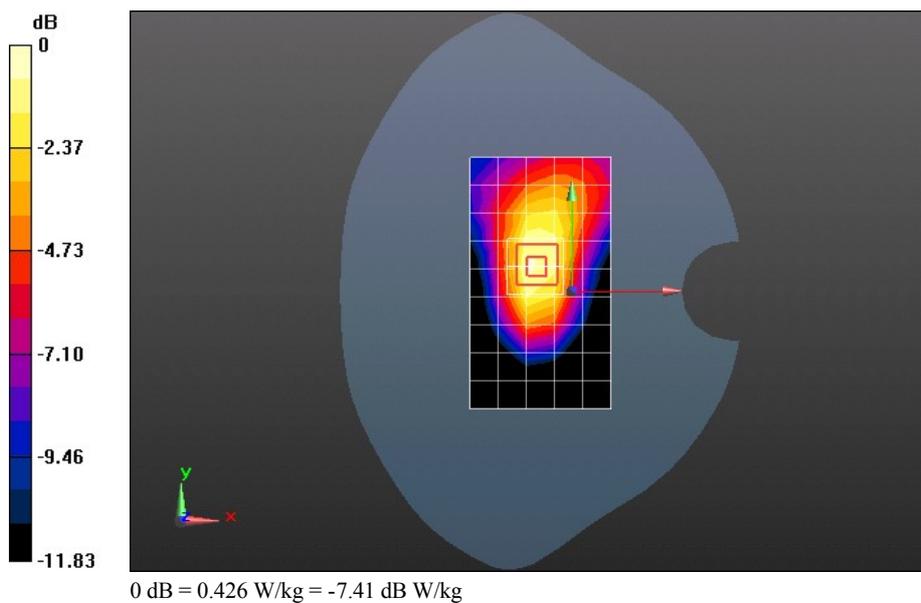
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.031 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.628 mW/g

SAR(1 g) = 0.389 mW/g; SAR(10 g) = 0.240 mW/g

Maximum value of SAR (measured) = 0.426 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band V 10M QPSK 1RB#49 20525CH Front side 5mm**DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1**

Communication System: LTE-FDD (SC-FDMA, 10 MHz, QPSK, 16-QAM); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 54.78$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.99, 8.99, 8.99); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.639 W/kg

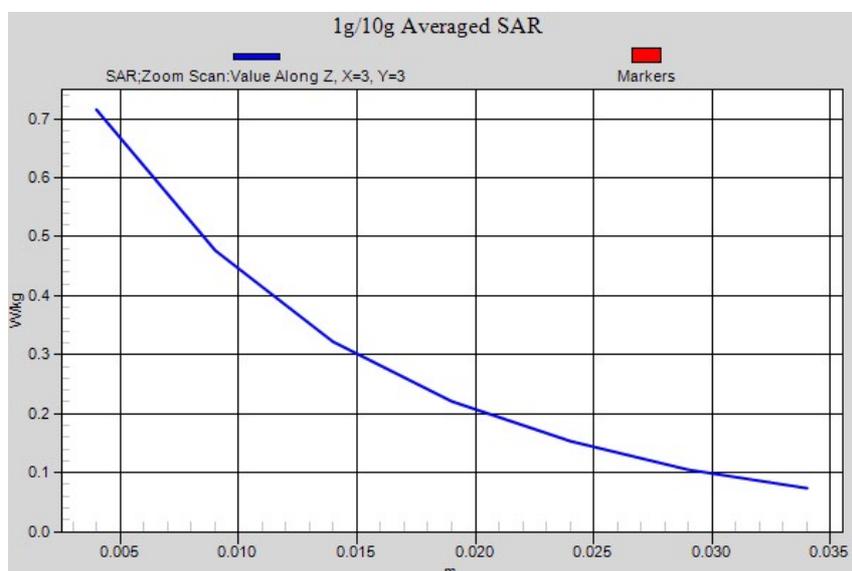
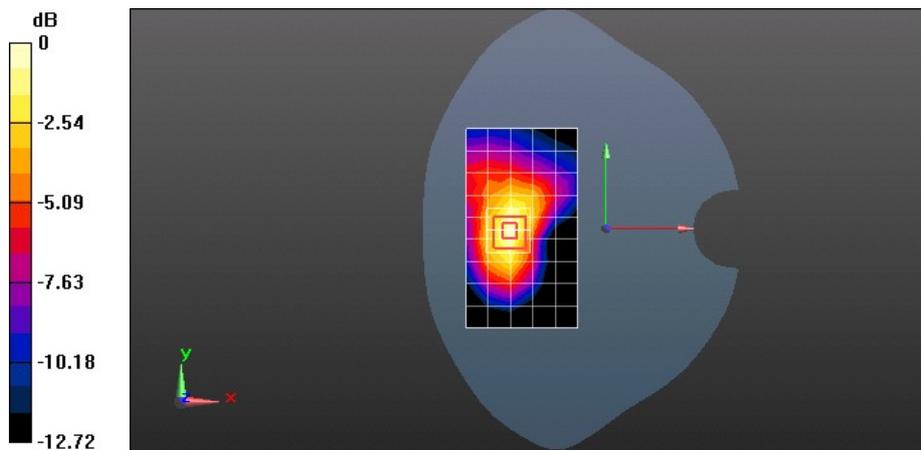
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.023 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.996 mW/g

SAR(1 g) = 0.650 mW/g; SAR(10 g) = 0.405 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.715 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band V 10M QPSK 1RB#49 20525CH Rear side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 10 MHz, QPSK, 16-QAM); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 54.78$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.99, 8.99, 8.99); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.797 W/kg

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

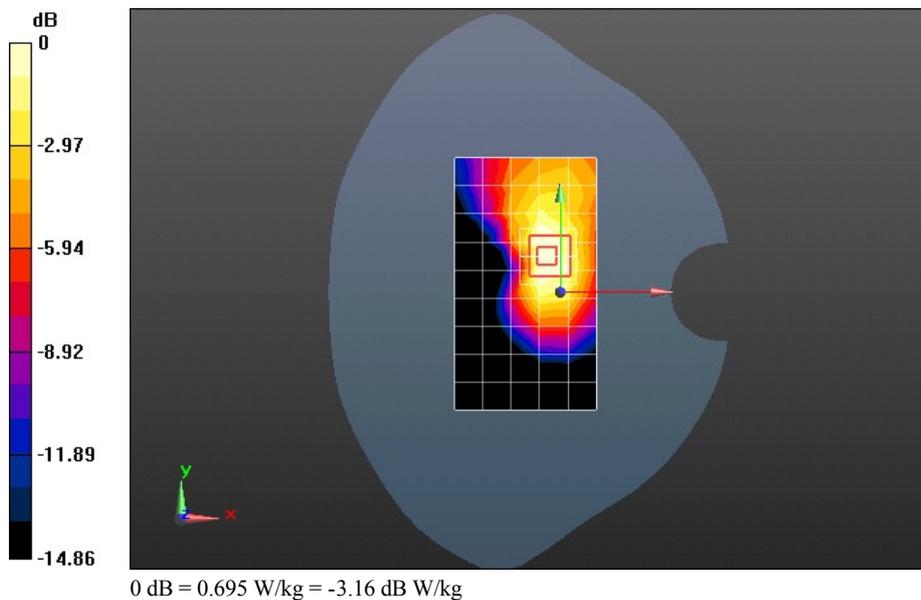
Reference Value = 19.681 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.095 mW/g

SAR(1 g) = 0.628 mW/g; SAR(10 g) = 0.364 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.695 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band V 10M QPSK 1RB#49 20525CH Left side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 10 MHz, QPSK, 16-QAM); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 54.78$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.99, 8.99, 8.99); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

[Info: Interpolated medium parameters used for SAR evaluation.](#)

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

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

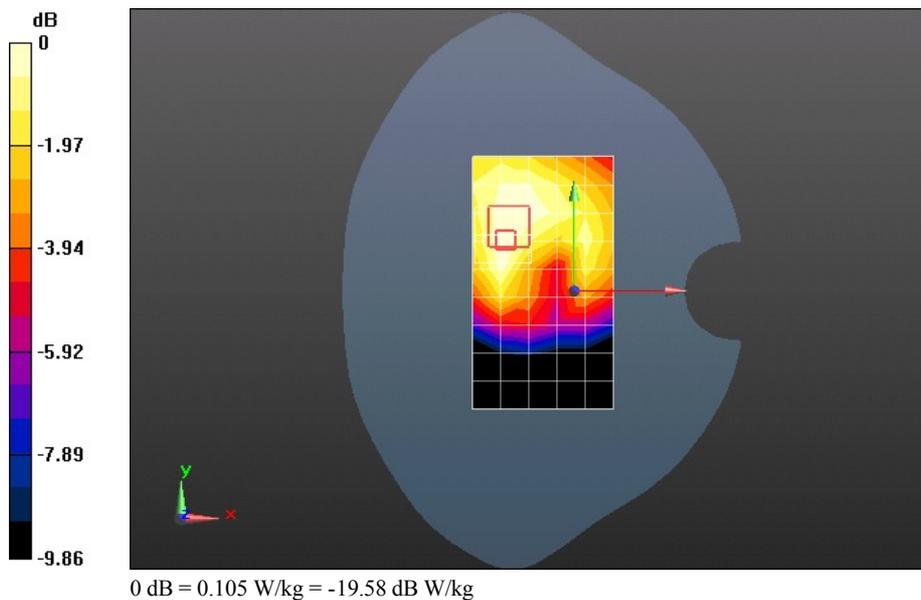
Reference Value = 5.833 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.143 mW/g

SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.068 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.105 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band V 10M QPSK 1RB#49 20525CH Rig side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 10 MHz, QPSK, 16-QAM); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 54.78$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.99, 8.99, 8.99); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.382 W/kg

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

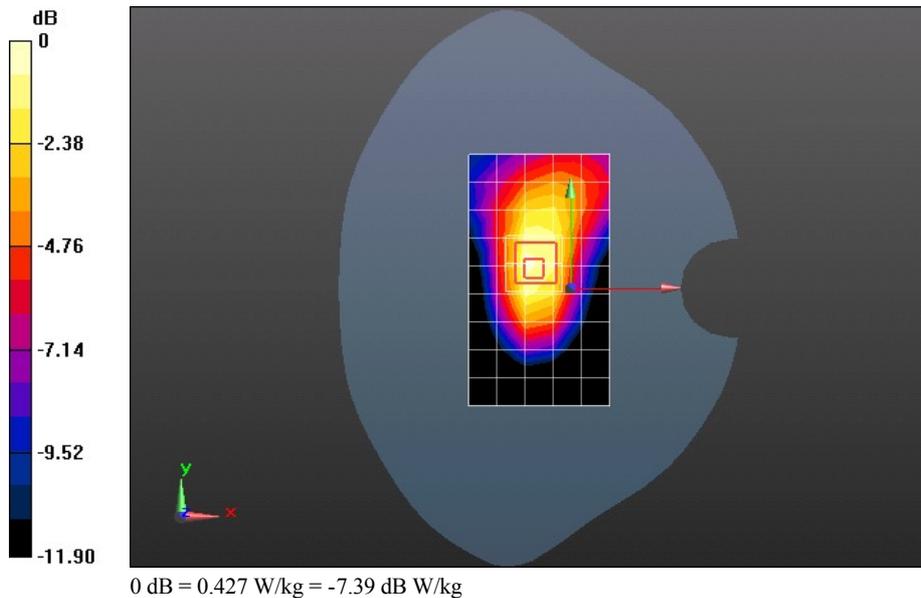
Reference Value = 20.460 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.635 mW/g

SAR(1 g) = 0.387 mW/g; SAR(10 g) = 0.235 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.427 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band V 10M 16QAM 50%RB#13 20525CH Front side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 10 MHz, QPSK, 16-QAM); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 54.78$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.99, 8.99, 8.99); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.521 W/kg

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

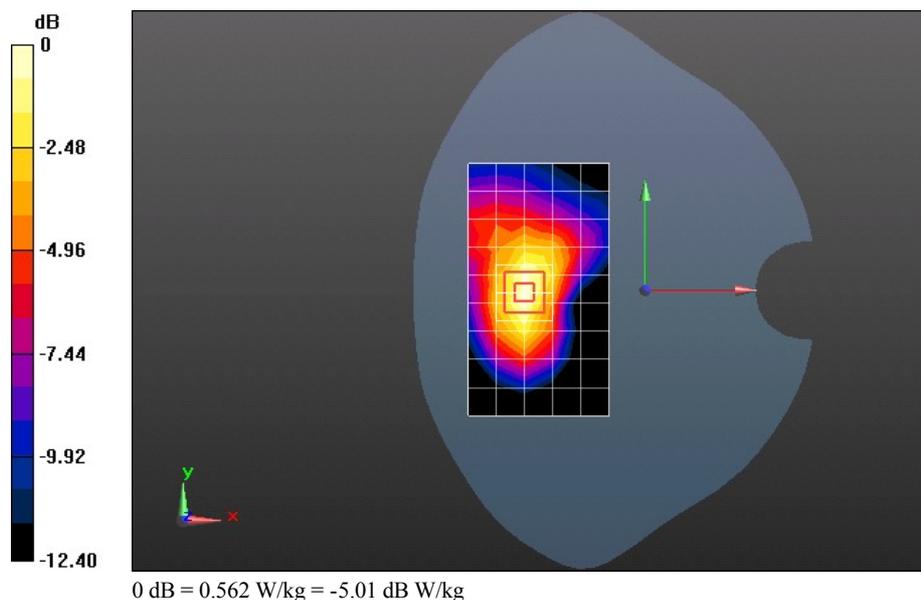
Reference Value = 3.582 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.792 mW/g

SAR(1 g) = 0.510 mW/g; SAR(10 g) = 0.317 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.562 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band V 10M 16QAM 50%RB#13 20525CH Rear side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 10 MHz, QPSK, 16-QAM); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 54.78$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.99, 8.99, 8.99); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.522 W/kg

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

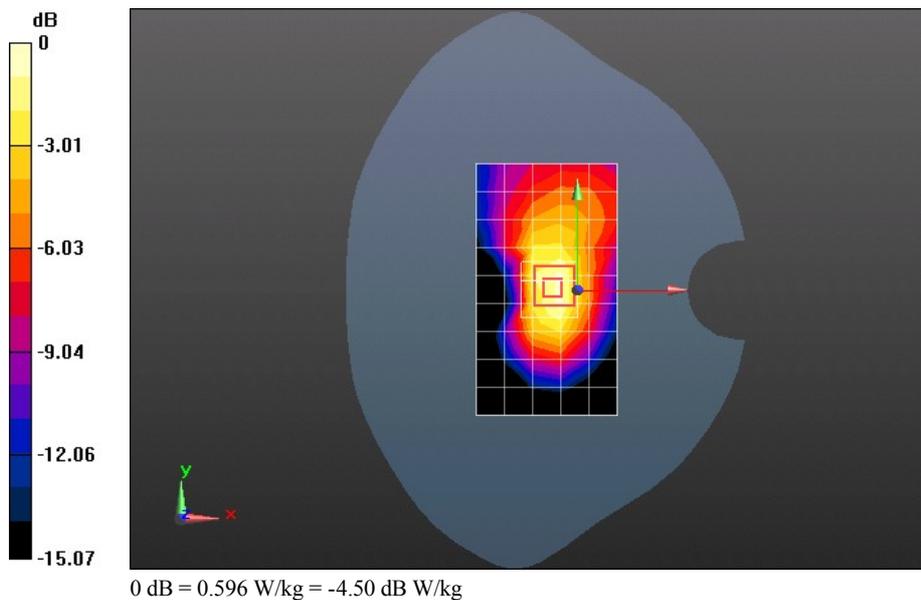
Reference Value = 24.651 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.955 mW/g

SAR(1 g) = 0.548 mW/g; SAR(10 g) = 0.315 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.596 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band V 10M 16QAM 50%RB#13 205250CH Left side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 10 MHz, QPSK, 16-QAM); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 54.78$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.99, 8.99, 8.99); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0904 W/kg

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

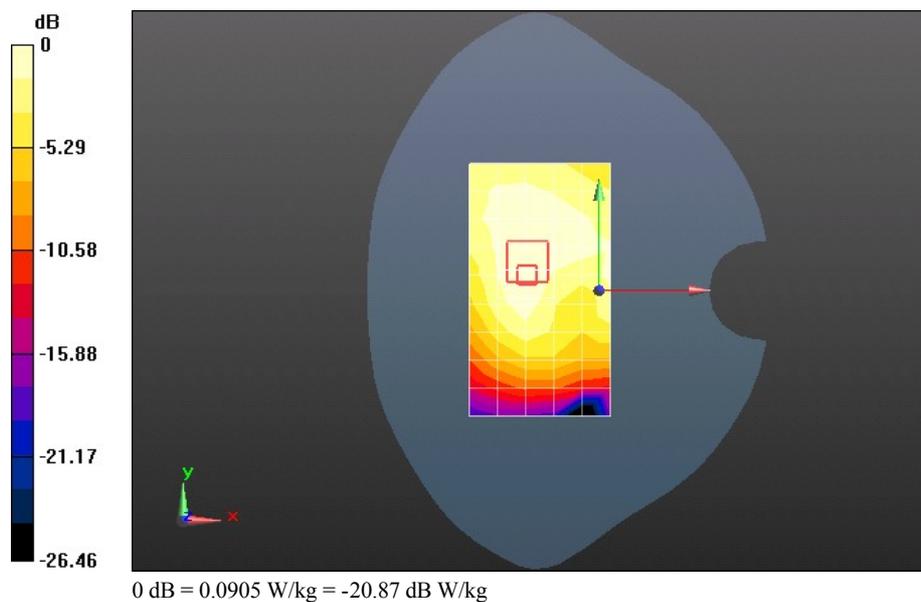
Reference Value = 5.374 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.127 mW/g

SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.058 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0905 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band V 10M 16QAM 50%RB#13 205250CH Right side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 10 MHz, QPSK, 16-QAM); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 54.78$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.99, 8.99, 8.99); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.297 W/kg

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

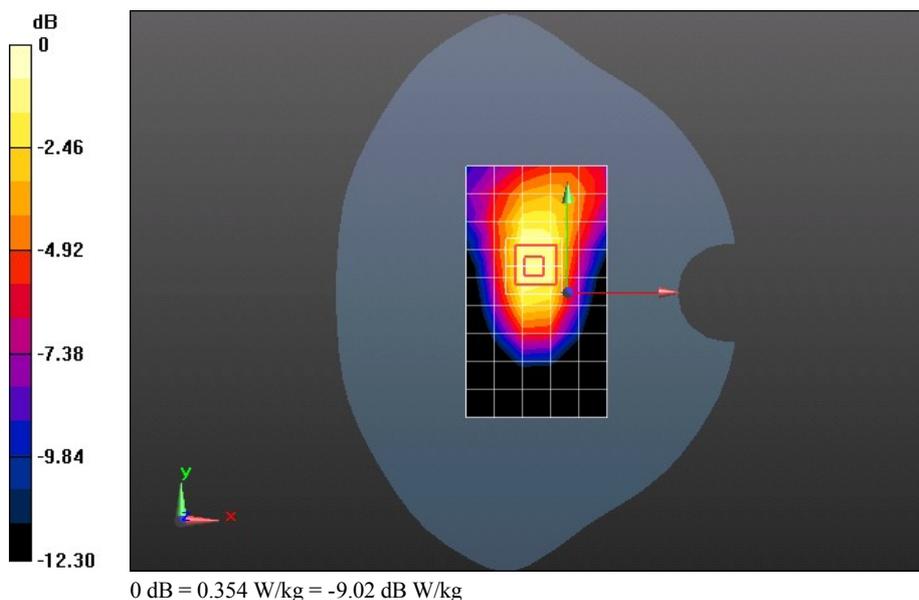
Reference Value = 17.515 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.528 mW/g

SAR(1 g) = 0.320 mW/g; SAR(10 g) = 0.193 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.354 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band V 10M 16QAM 1RB#0 20450CH Front side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 10 MHz, QPSK, 16-QAM); Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 829$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 54.841$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.99, 8.99, 8.99); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.633 W/kg

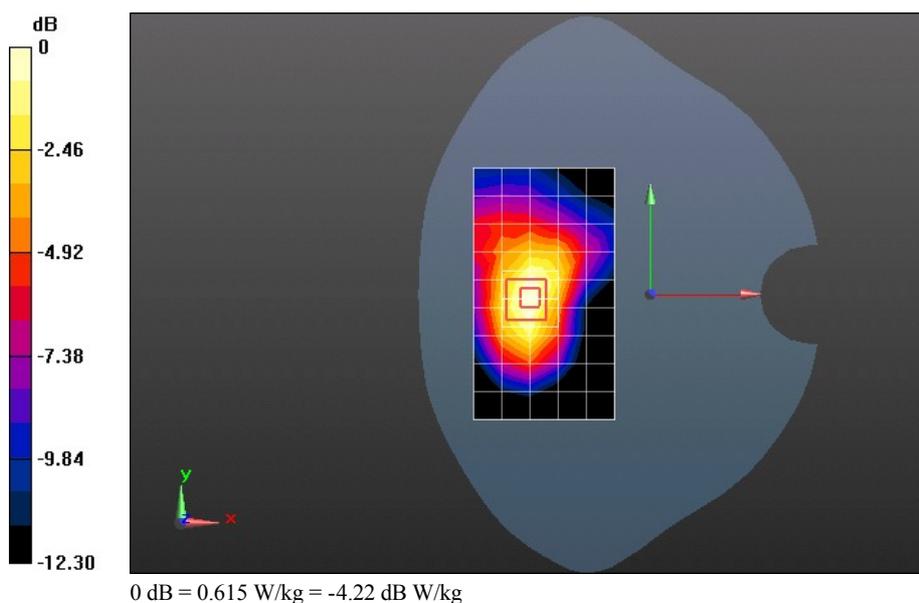
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.742 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.865 mW/g

SAR(1 g) = 0.567 mW/g; SAR(10 g) = 0.352 mW/g

Maximum value of SAR (measured) = 0.615 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band V 10M 16QAM 1RB#0 20450CH Rear side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 10 MHz, QPSK, 16-QAM); Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 829$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 54.841$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.99, 8.99, 8.99); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.622 W/kg

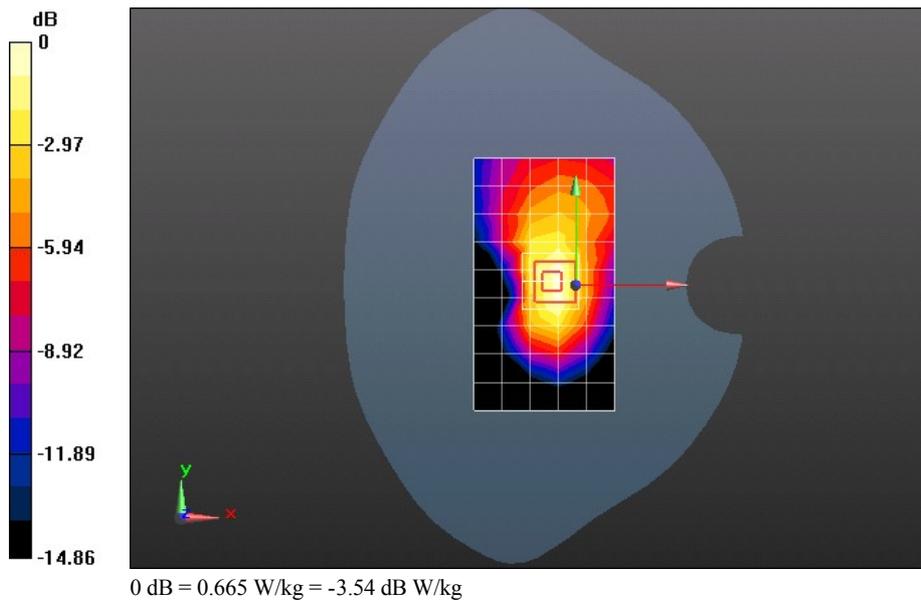
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.951 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.035 mW/g

SAR(1 g) = 0.602 mW/g; SAR(10 g) = 0.352 mW/g

Maximum value of SAR (measured) = 0.665 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band V 10M 16QAM 1RB#0 20450CH Left side 5mm**DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1**

Communication System: LTE-FDD (SC-FDMA, 10 MHz, QPSK, 16-QAM); Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 829$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 54.841$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.99, 8.99, 8.99); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.0997 W/kg

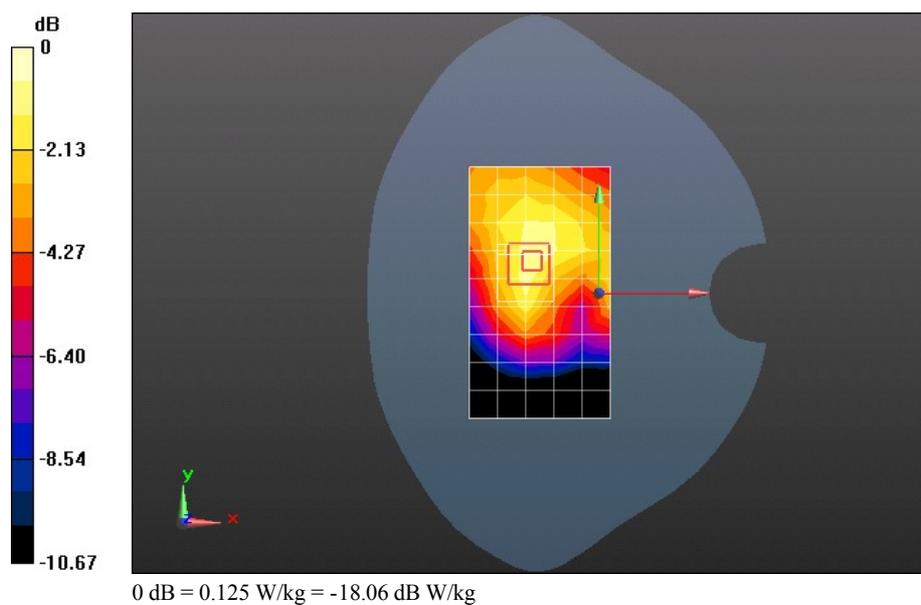
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.858 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.173 mW/g

SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.080 mW/g

Maximum value of SAR (measured) = 0.125 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band V 10M 16QAM 1RB#0 20450CH Right side 5mm**DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1**

Communication System: LTE-FDD (SC-FDMA, 10 MHz, QPSK, 16-QAM); Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 829$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 54.841$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.99, 8.99, 8.99); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.346 W/kg

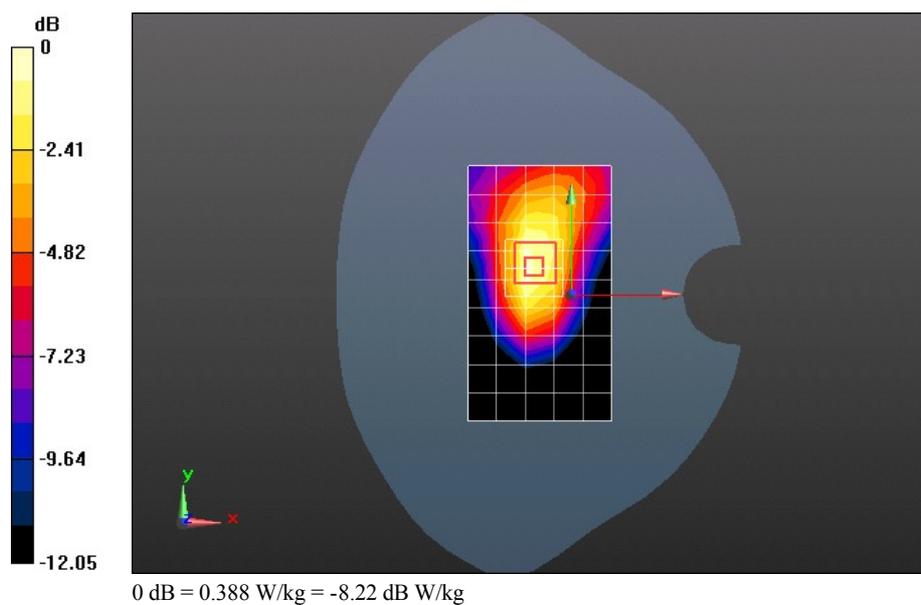
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.900 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.579 mW/g

SAR(1 g) = 0.354 mW/g; SAR(10 g) = 0.216 mW/g

Maximum value of SAR (measured) = 0.388 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band V 10M 16QAM 1RB#49 20525CH Front side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 10 MHz, QPSK, 16-QAM); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 54.78$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.99, 8.99, 8.99); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.642 W/kg

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

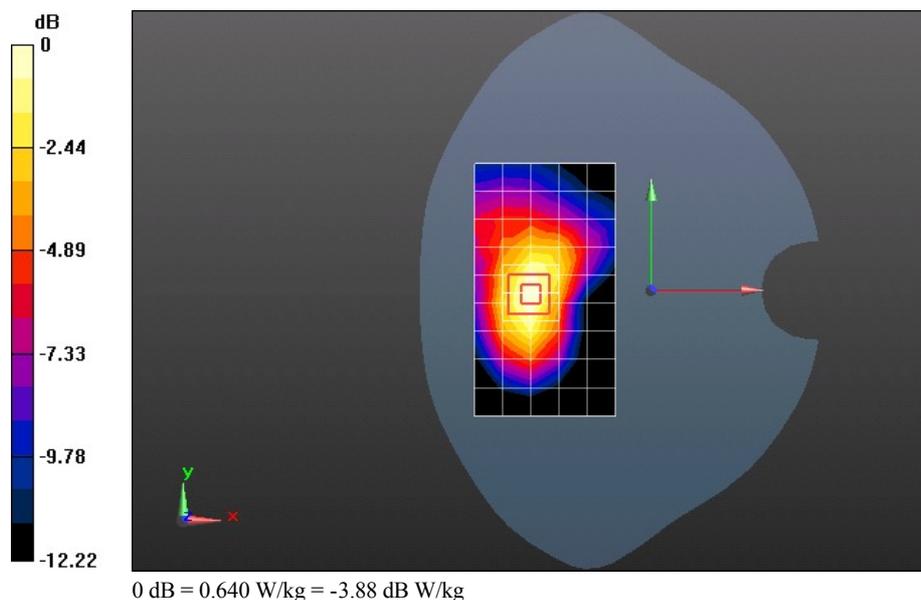
Reference Value = 4.515 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.895 mW/g

SAR(1 g) = 0.584 mW/g; SAR(10 g) = 0.363 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.640 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band V 10M 16QAM 1RB#49 20525CH Rear side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 10 MHz, QPSK, 16-QAM); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 54.78$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.99, 8.99, 8.99); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.566 W/kg

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

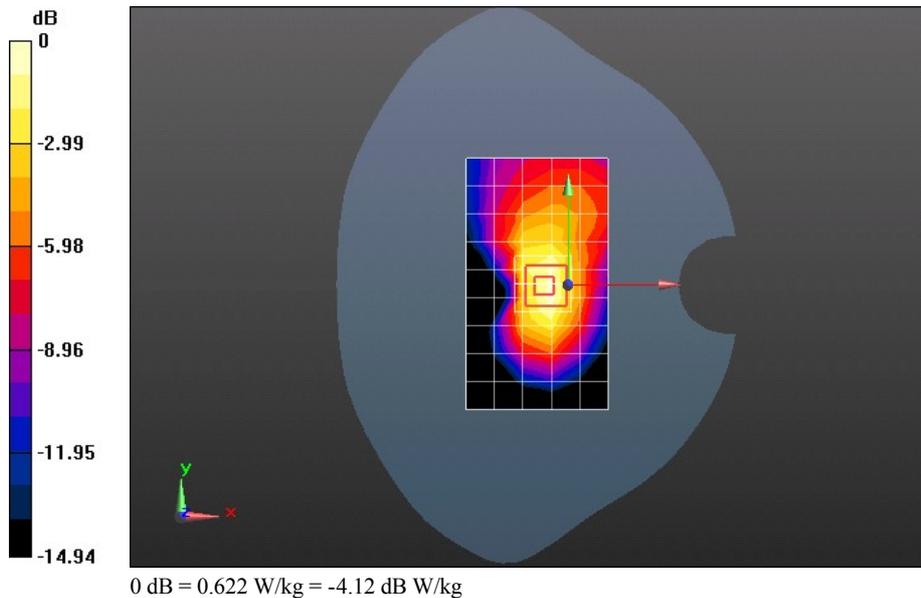
Reference Value = 25.048 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.966 mW/g

SAR(1 g) = 0.560 mW/g; SAR(10 g) = 0.321 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.622 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band V 10M 16QAM 1RB#49 20525CH Left side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 10 MHz, QPSK, 16-QAM); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 54.78$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.99, 8.99, 8.99); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.103 W/kg

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

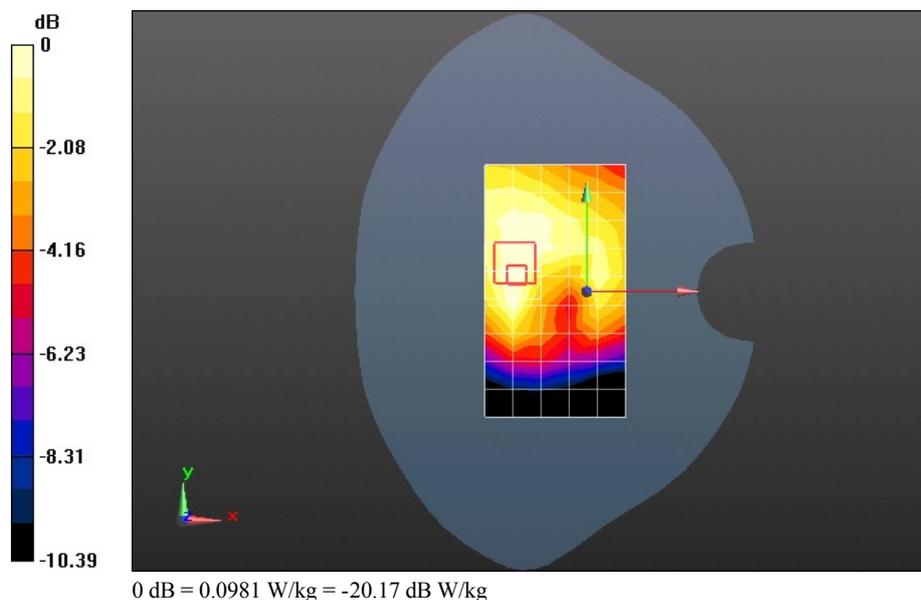
Reference Value = 5.829 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.138 mW/g

SAR(1 g) = 0.092 mW/g; SAR(10 g) = 0.062 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0981 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band V 10M 16QAM 1RB#49 205250CH Right side 5mm**DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1**

Communication System: LTE-FDD (SC-FDMA, 10 MHz, QPSK, 16-QAM); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 54.78$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.99, 8.99, 8.99); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

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

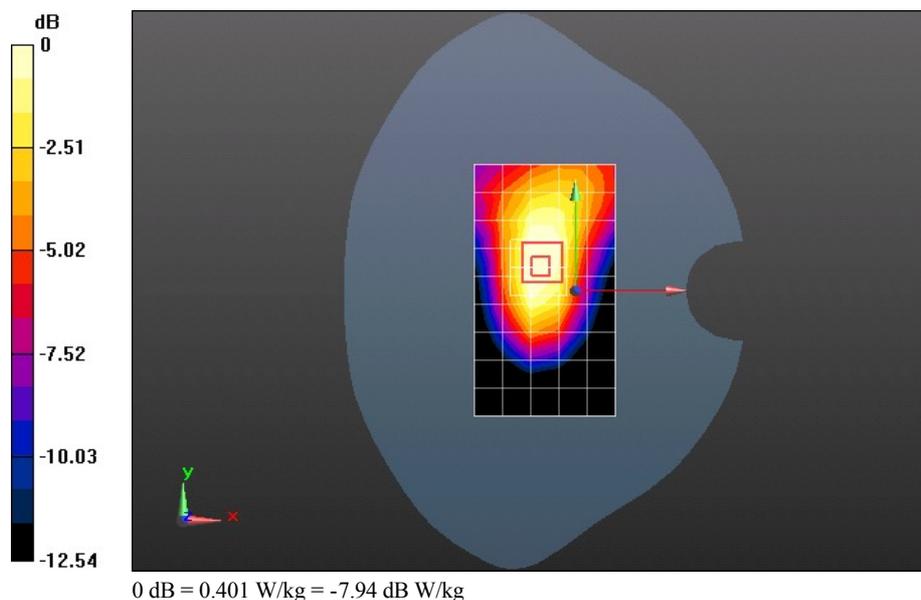
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.512 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.601 mW/g

SAR(1 g) = 0.363 mW/g; SAR(10 g) = 0.222 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.401 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band VII 20M QPSK 50%RB#25 21100CH Front side 5mm**DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1**

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.047$ mho/m; $\epsilon_r = 52.551$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.69, 6.69, 6.69); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.395 W/kg

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

Reference Value = 1.828 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.683 mW/g

SAR(1 g) = 0.389 mW/g; SAR(10 g) = 0.206 mW/g

Maximum value of SAR (measured) = 0.430 W/kg

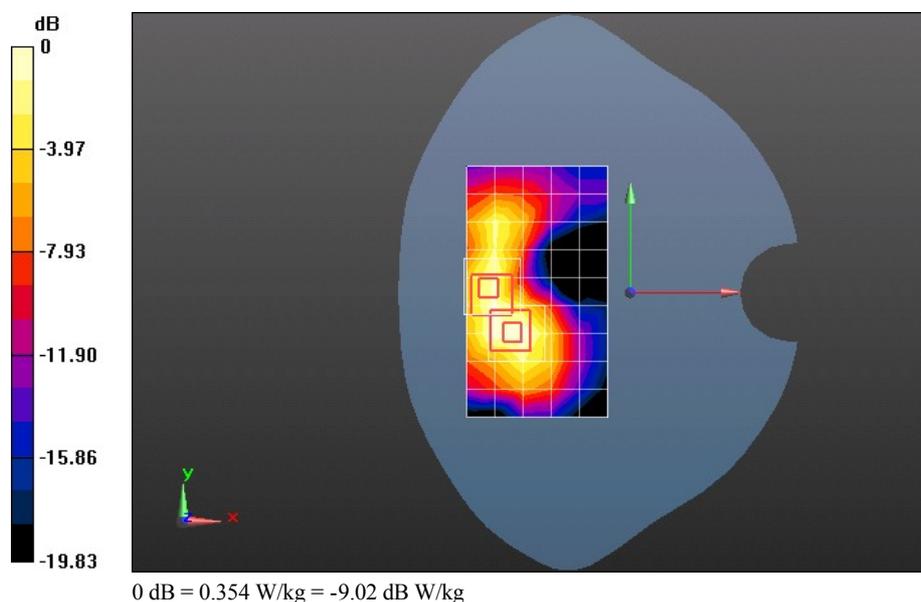
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.828 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.574 mW/g

SAR(1 g) = 0.281 mW/g; SAR(10 g) = 0.149 mW/g

Maximum value of SAR (measured) = 0.354 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band VII 20M QPSK 50%RB#25 20850CH Rear side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

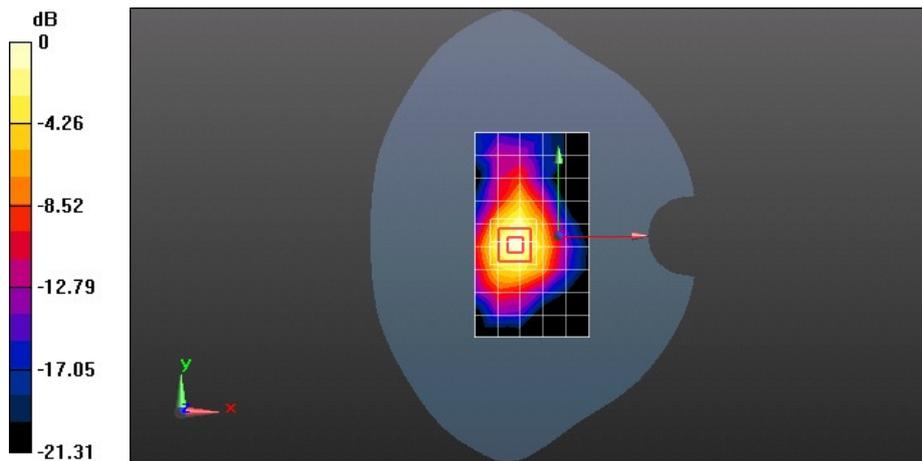
Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 2510 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2510$ MHz; $\sigma = 2.016$ mho/m; $\epsilon_r = 52.819$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

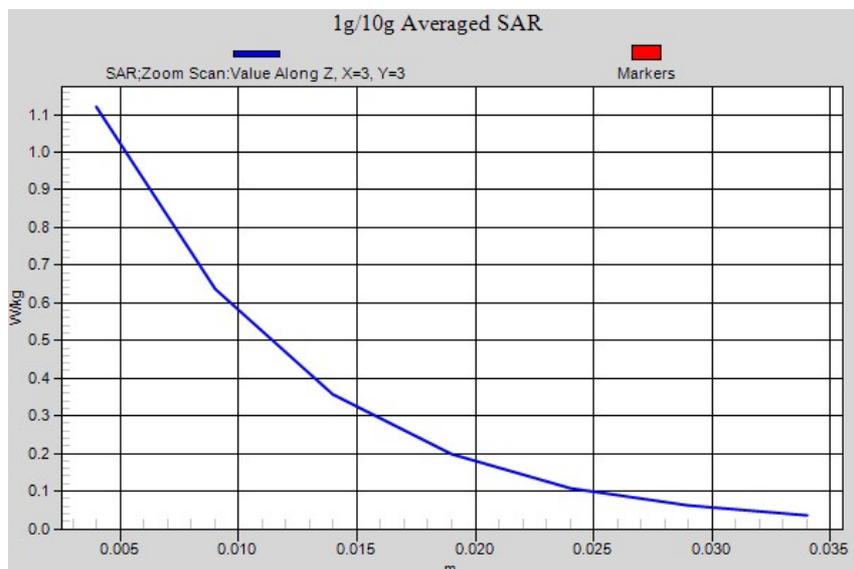
- Probe: EX3DV4 - SN3736; ConvF(6.69, 6.69, 6.69); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 1.06 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 18.676 V/m; Power Drift = 0.08 dB
 Peak SAR (extrapolated) = 1.786 mW/g
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.539 mW/g
 Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg = 0.98 dB W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band VII 20M QPSK 50%RB#25 21100CH Rear side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.047$ mho/m; $\epsilon_r = 52.551$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.69, 6.69, 6.69); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.915 W/kg

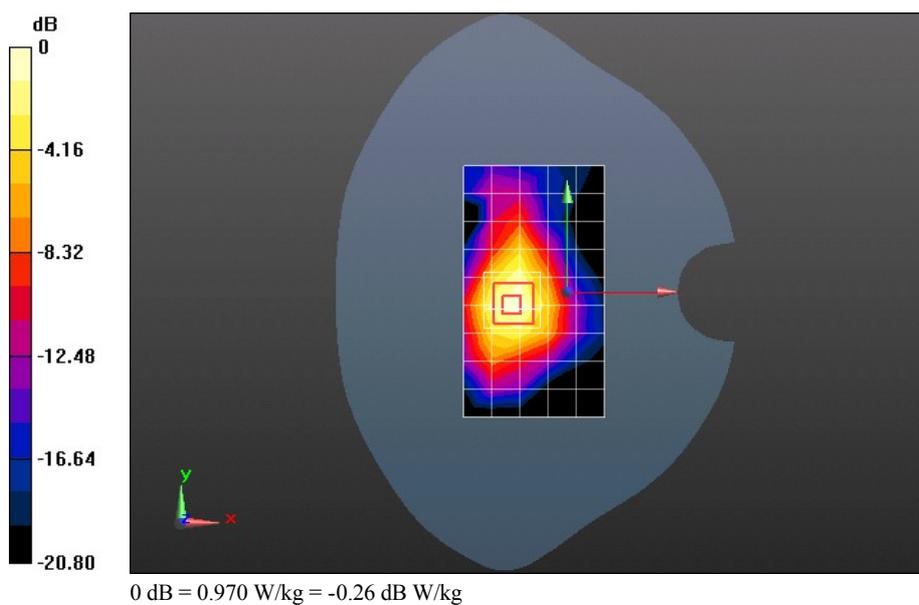
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.766 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.545 mW/g

SAR(1 g) = 0.893 mW/g; SAR(10 g) = 0.472 mW/g

Maximum value of SAR (measured) = 0.970 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band VII 20M QPSK 50%RB#25 21350CH Rear side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 2.081$ mho/m; $\epsilon_r = 52.489$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.69, 6.69, 6.69); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.961 W/kg

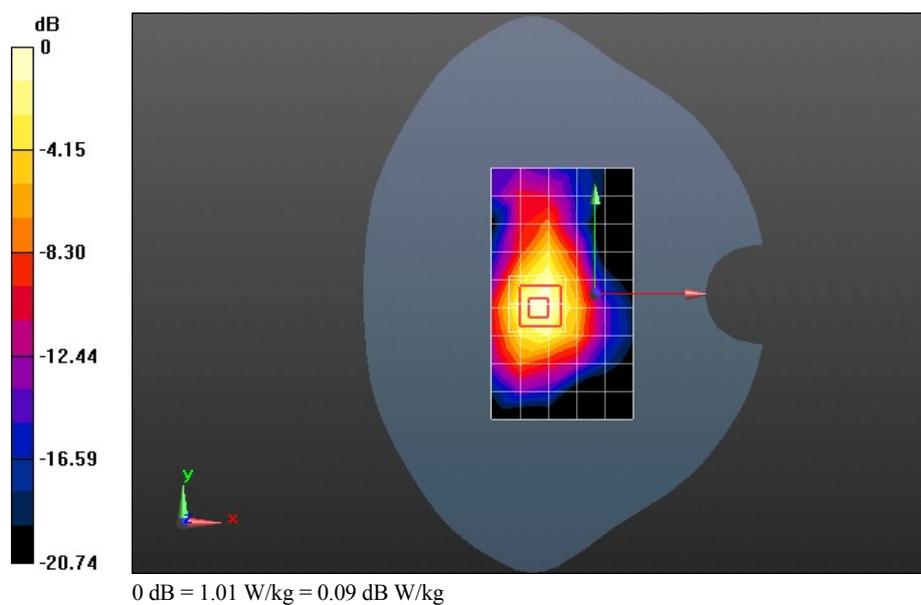
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.764 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.633 mW/g

SAR(1 g) = 0.923 mW/g; SAR(10 g) = 0.486 mW/g

Maximum value of SAR (measured) = 1.01 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band VII 20M QPSK 50%RB#25 21100CH Left side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.047$ mho/m; $\epsilon_r = 52.551$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.69, 6.69, 6.69); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.312 W/kg

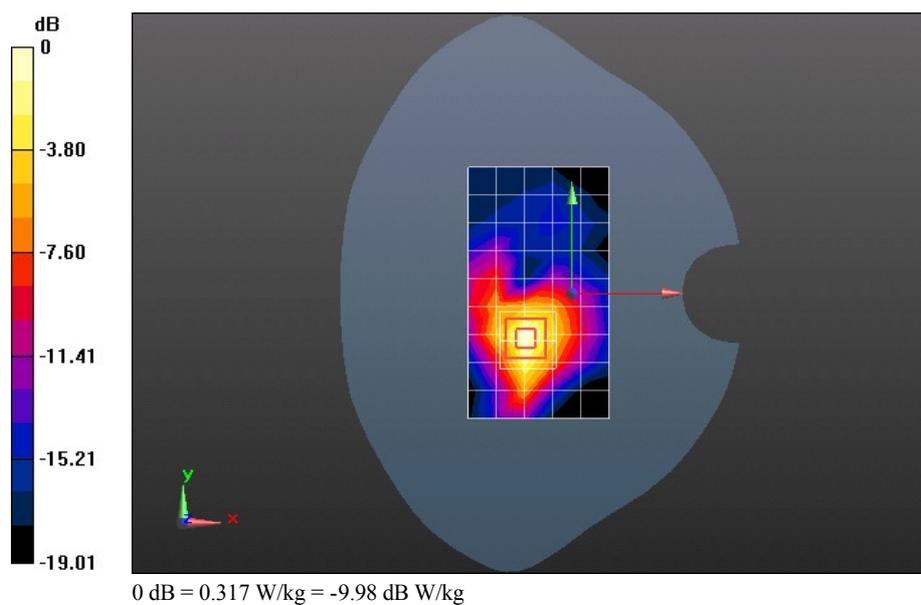
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.644 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.541 mW/g

SAR(1 g) = 0.281 mW/g; SAR(10 g) = 0.136 mW/g

Maximum value of SAR (measured) = 0.317 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band VII 20M QPSK 50%RB#25 211000CH Right side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.047$ mho/m; $\epsilon_r = 52.551$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.69, 6.69, 6.69); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.412 W/kg

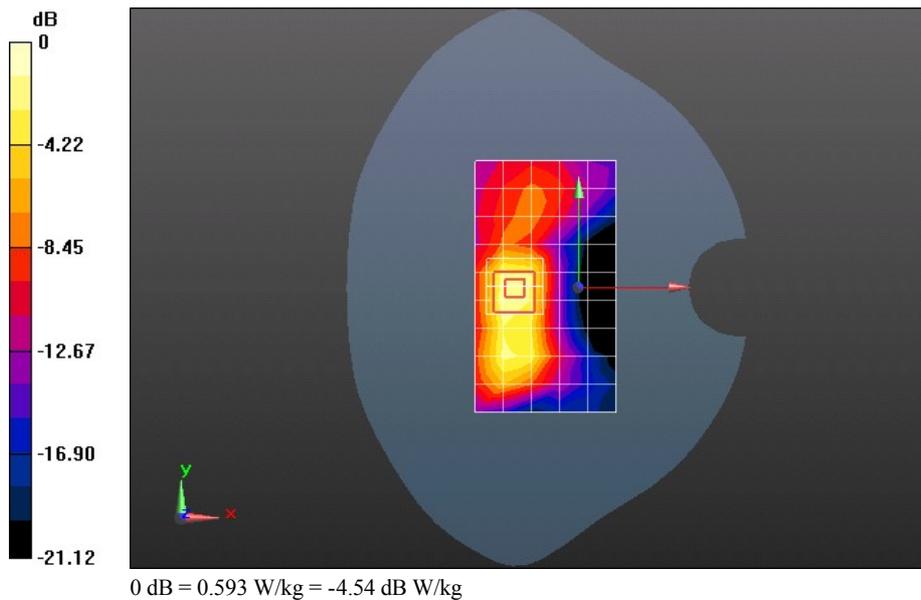
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.353 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.063 mW/g

SAR(1 g) = 0.523 mW/g; SAR(10 g) = 0.247 mW/g

Maximum value of SAR (measured) = 0.593 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band VII 20M QPSK 1RB#0 20850CH Front side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 2.016$ mho/m; $\epsilon_r = 52.819$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.69, 6.69, 6.69); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.493 W/kg

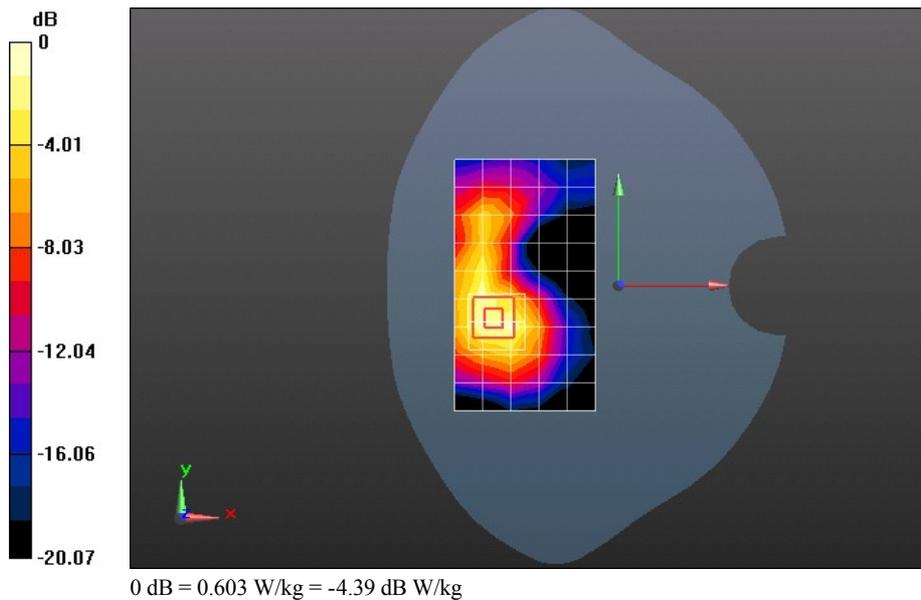
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.583 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.946 mW/g

SAR(1 g) = 0.547 mW/g; SAR(10 g) = 0.287 mW/g

Maximum value of SAR (measured) = 0.603 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band VII 20M QPSK 1RB#0 20850CH Rear side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 2.016$ mho/m; $\epsilon_r = 52.819$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.69, 6.69, 6.69); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 1.13 W/kg

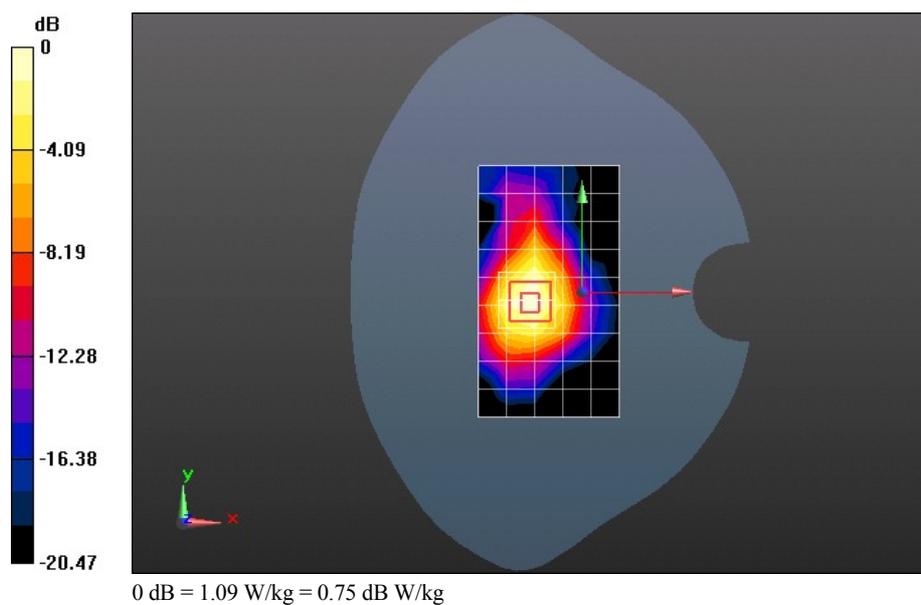
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.172 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.782 mW/g

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.541 mW/g

Maximum value of SAR (measured) = 1.09 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band VII 20M QPSK 1RB#0 20850CH Left side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 2.016$ mho/m; $\epsilon_r = 52.819$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.69, 6.69, 6.69); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.356 W/kg

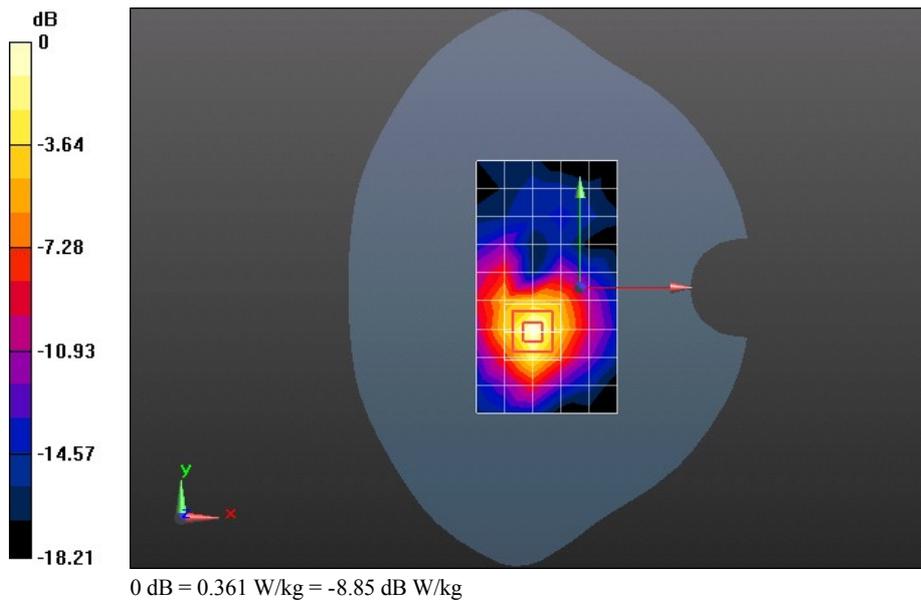
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.355 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.599 mW/g

SAR(1 g) = 0.316 mW/g; SAR(10 g) = 0.155 mW/g

Maximum value of SAR (measured) = 0.361 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band VII 20M QPSK 1RB#0 20850CH Right side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 2.016$ mho/m; $\epsilon_r = 52.819$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.69, 6.69, 6.69); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.481 W/kg

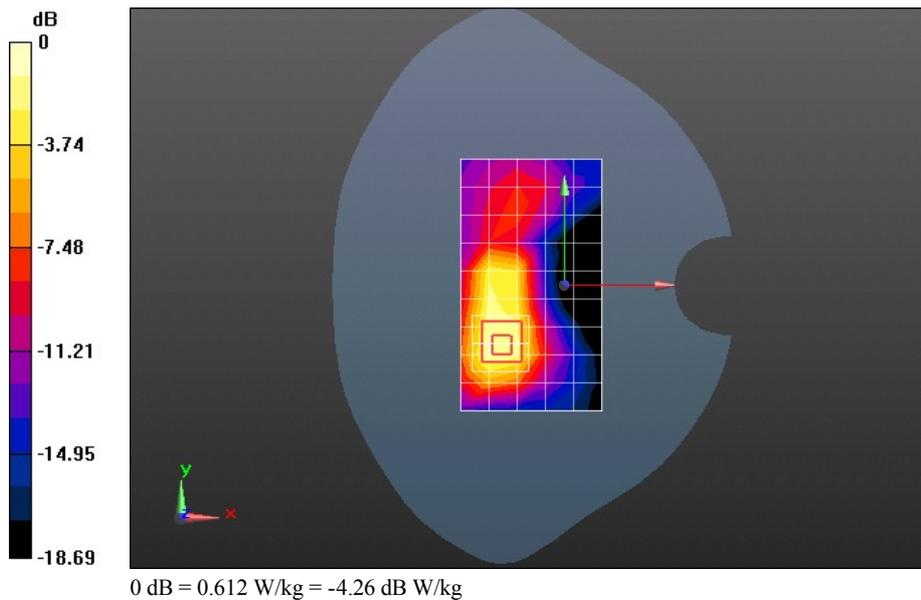
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.549 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.000 mW/g

SAR(1 g) = 0.548 mW/g; SAR(10 g) = 0.284 mW/g

Maximum value of SAR (measured) = 0.612 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band VII 20M QPSK 1RB#99 20850CH Front side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 2.016$ mho/m; $\epsilon_r = 52.819$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.69, 6.69, 6.69); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.462 W/kg

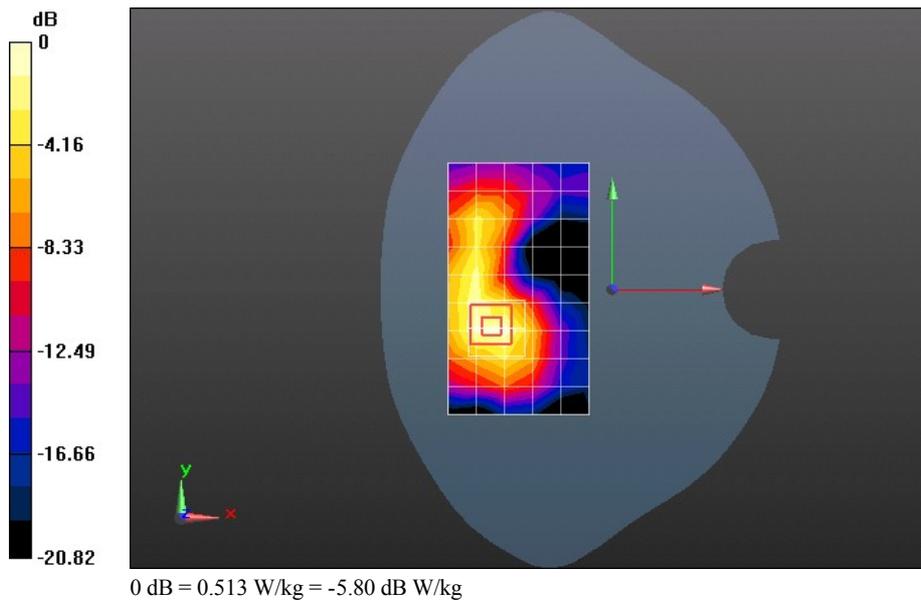
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.702 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.820 mW/g

SAR(1 g) = 0.464 mW/g; SAR(10 g) = 0.246 mW/g

Maximum value of SAR (measured) = 0.513 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band VII 20M QPSK 1RB#99 20850CH Rear side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 2.016$ mho/m; $\epsilon_r = 52.819$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.69, 6.69, 6.69); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.920 W/kg

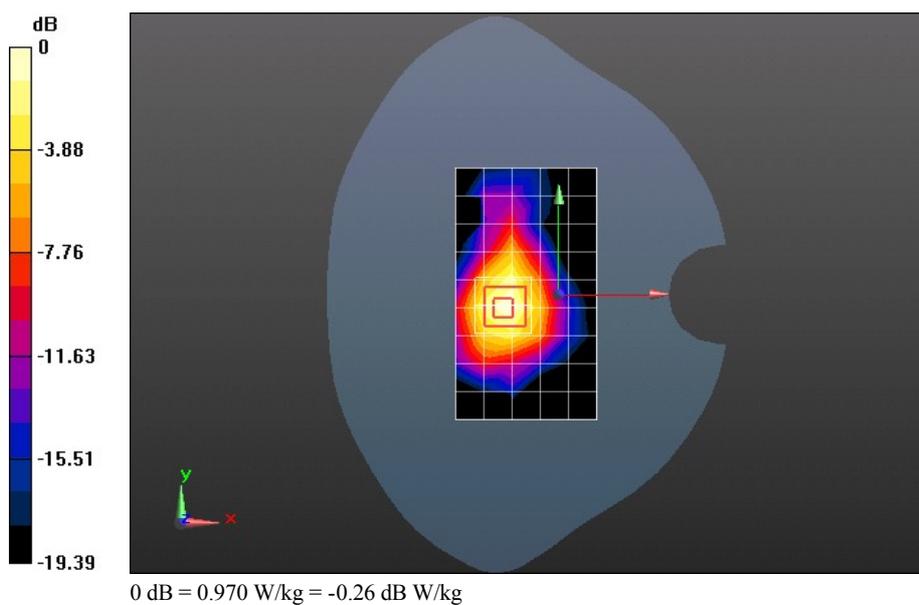
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.933 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.538 mW/g

SAR(1 g) = 0.882 mW/g; SAR(10 g) = 0.467 mW/g

Maximum value of SAR (measured) = 0.970 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band VII 20M QPSK 1RB#99 20850CH Left side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 2.016$ mho/m; $\epsilon_r = 52.819$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.69, 6.69, 6.69); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.338 W/kg

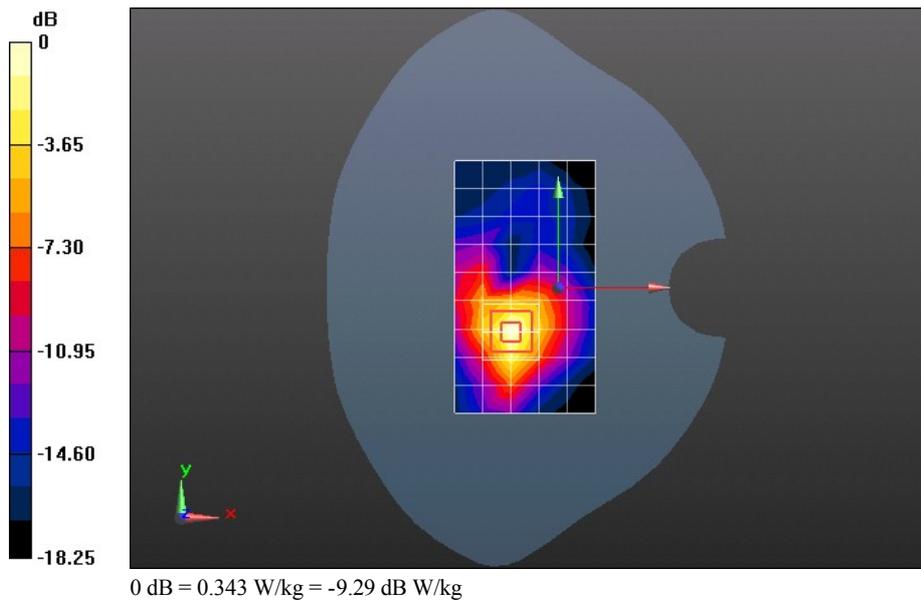
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.013 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.583 mW/g

SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.146 mW/g

Maximum value of SAR (measured) = 0.343 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band VII 20M QPSK 1RB#99 20850CH Right side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 2.016$ mho/m; $\epsilon_r = 52.819$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.69, 6.69, 6.69); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.465 W/kg

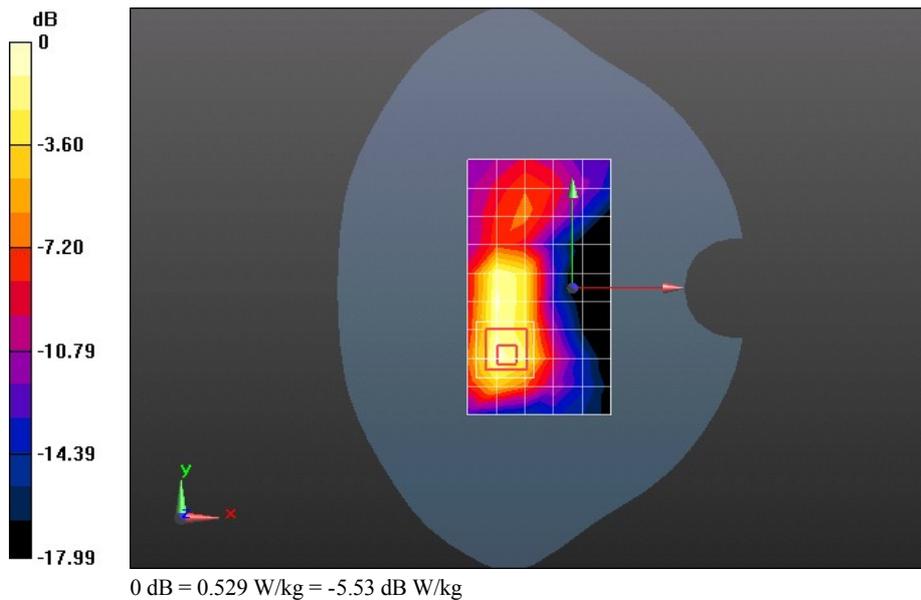
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.579 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.865 mW/g

SAR(1 g) = 0.473 mW/g; SAR(10 g) = 0.241 mW/g

Maximum value of SAR (measured) = 0.529 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band VII 20M 16QAM 50%RB#25 20850CH Front side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 2.016$ mho/m; $\epsilon_r = 52.819$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.69, 6.69, 6.69); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.445 W/kg

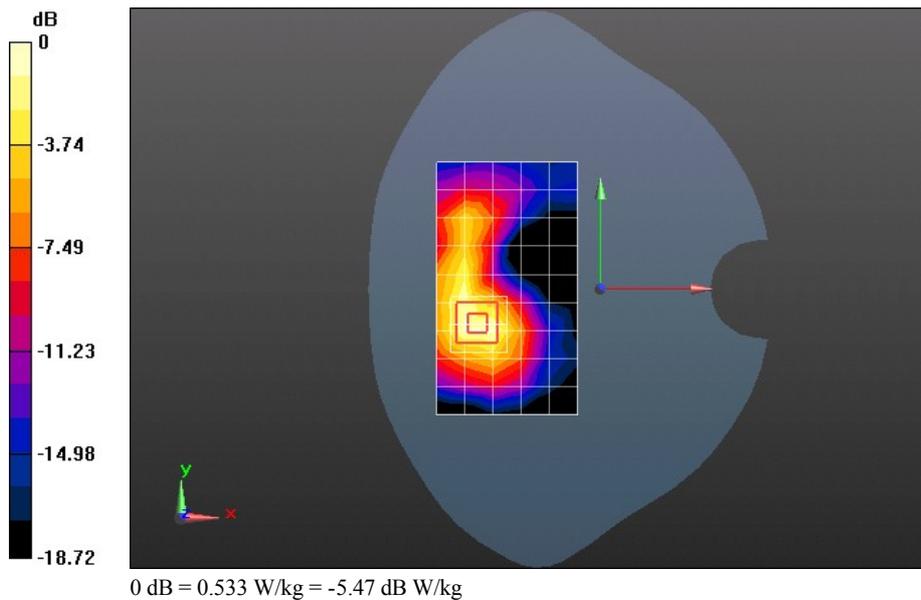
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.762 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.832 mW/g

SAR(1 g) = 0.484 mW/g; SAR(10 g) = 0.255 mW/g

Maximum value of SAR (measured) = 0.533 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band VII 20M 16QAM 50%RB#25 20850CH Rear side 5mm**DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1**

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 2.016$ mho/m; $\epsilon_r = 52.819$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.69, 6.69, 6.69); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.909 W/kg

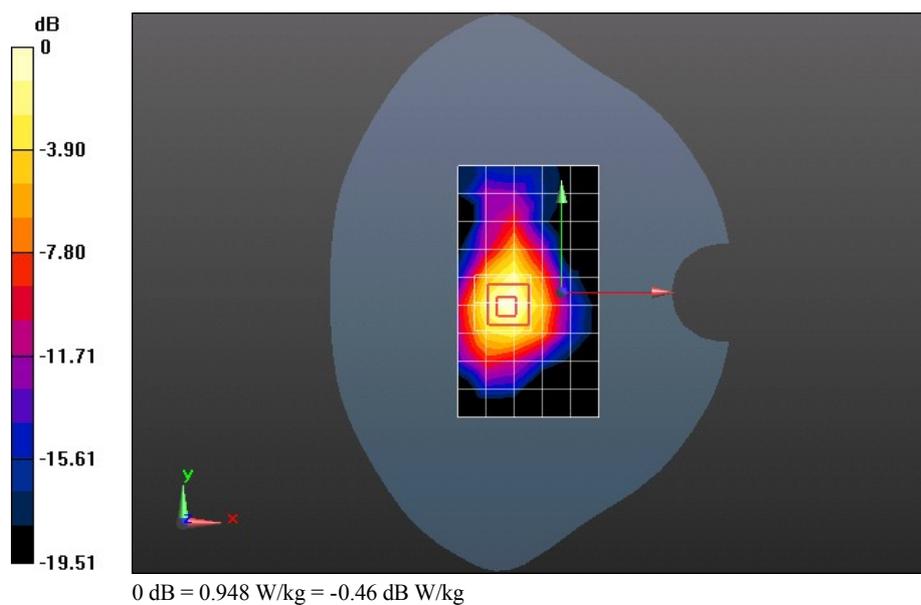
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.722 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.501 mW/g

SAR(1 g) = 0.864 mW/g; SAR(10 g) = 0.459 mW/g

Maximum value of SAR (measured) = 0.948 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band VII 20M 16QAM 50%RB#25 20850CH Left side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 2.016$ mho/m; $\epsilon_r = 52.819$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.69, 6.69, 6.69); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.324 W/kg

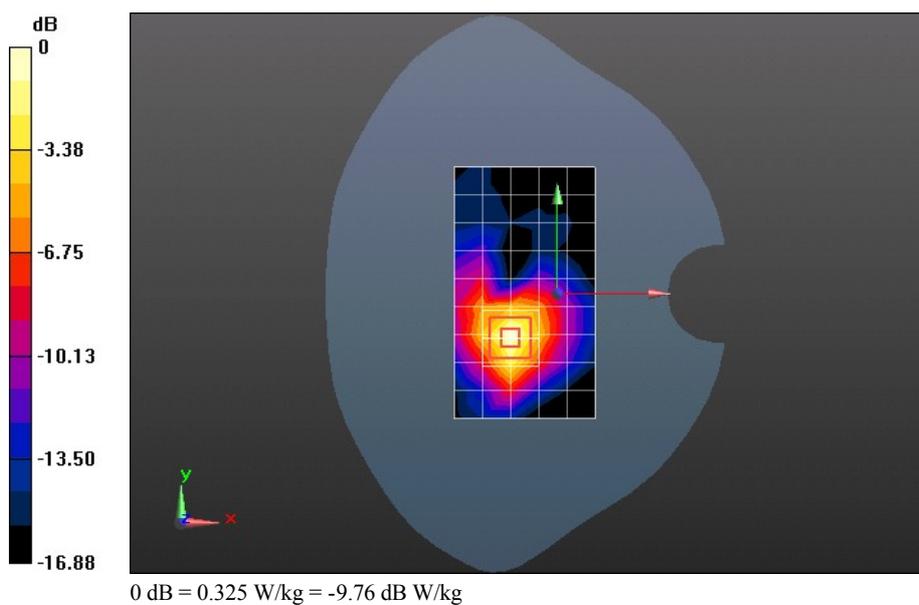
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.036 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.534 mW/g

SAR(1 g) = 0.283 mW/g; SAR(10 g) = 0.138 mW/g

Maximum value of SAR (measured) = 0.325 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band VII 20M 16QAM 50%RB#25 20850CH Right side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 2.016$ mho/m; $\epsilon_r = 52.819$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.69, 6.69, 6.69); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.301 W/kg

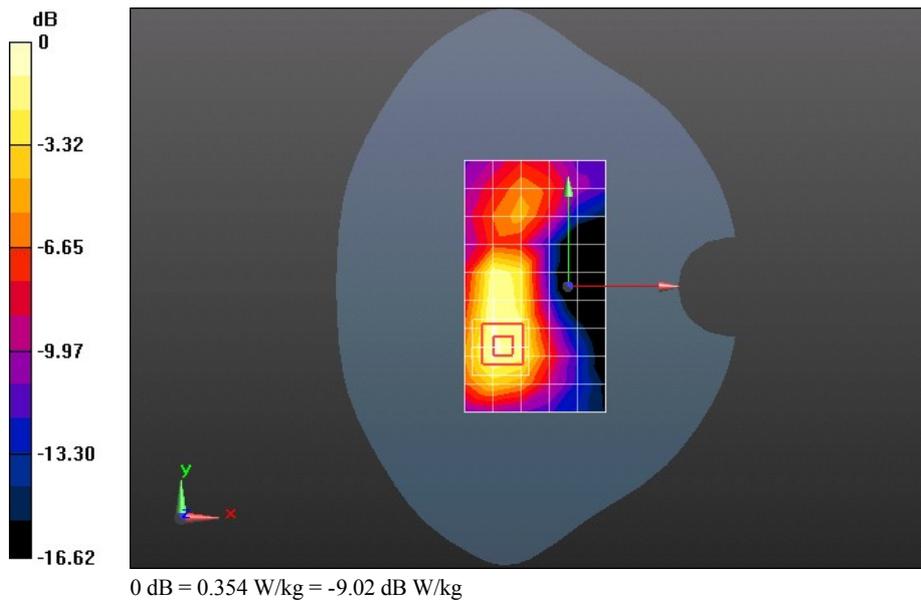
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.010 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.566 mW/g

SAR(1 g) = 0.318 mW/g; SAR(10 g) = 0.171 mW/g

Maximum value of SAR (measured) = 0.354 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band VII 20M 16QAM 1RB#0 21100CH Front side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.047$ mho/m; $\epsilon_r = 52.551$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.69, 6.69, 6.69); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.432 W/kg

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

Reference Value = 1.653 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.736 mW/g

SAR(1 g) = 0.424 mW/g; SAR(10 g) = 0.224 mW/g

Maximum value of SAR (measured) = 0.470 W/kg

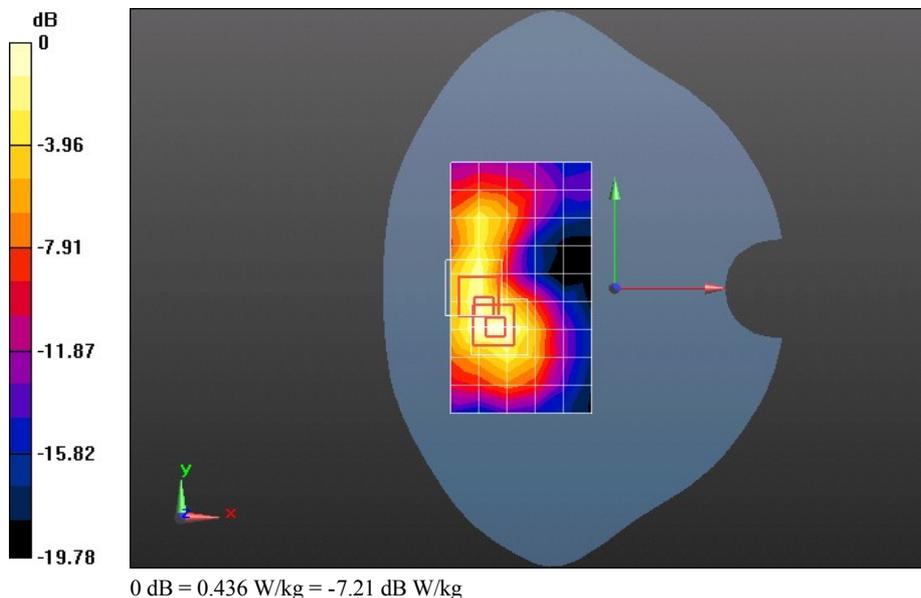
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.653 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.685 mW/g

SAR(1 g) = 0.340 mW/g; SAR(10 g) = 0.170 mW/g

Maximum value of SAR (measured) = 0.436 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band VII 20M 16QAM 1RB#0 21100CH Rear side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.047$ mho/m; $\epsilon_r = 52.551$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.69, 6.69, 6.69); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.857 W/kg

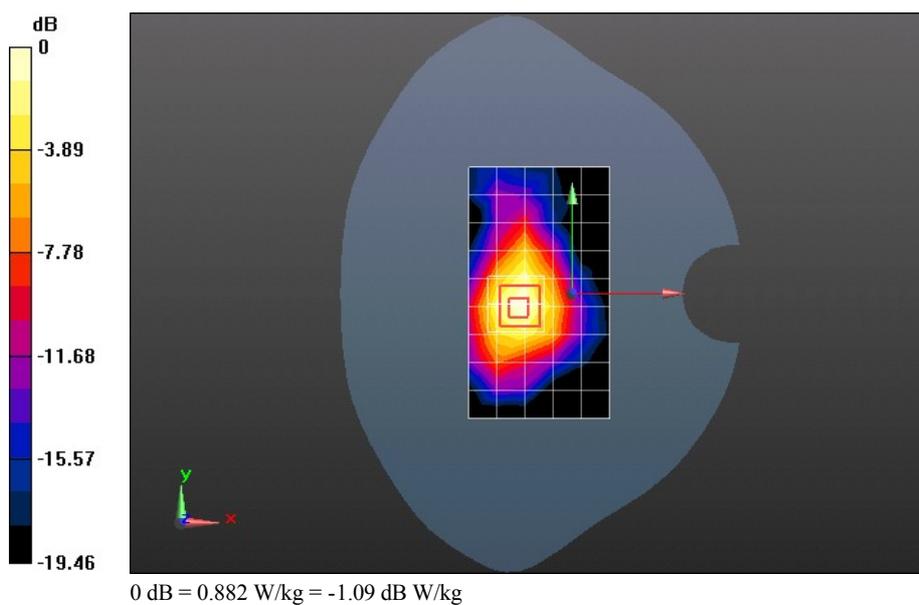
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.197 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.381 mW/g

SAR(1 g) = 0.801 mW/g; SAR(10 g) = 0.429 mW/g

Maximum value of SAR (measured) = 0.882 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band VII 20M 16QAM 1RB#0 21100CH Left side 5mm**DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1**

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.047$ mho/m; $\epsilon_r = 52.551$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.69, 6.69, 6.69); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.311 W/kg

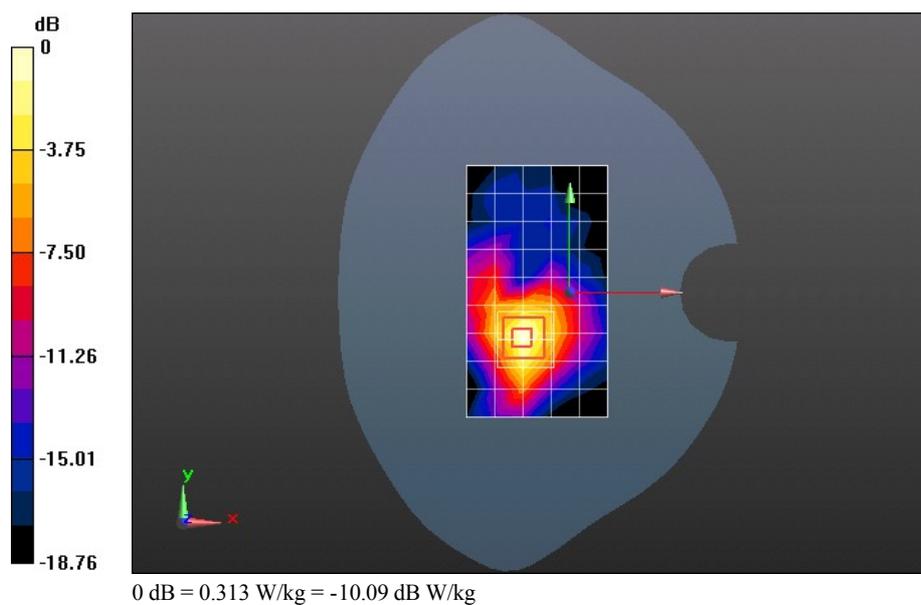
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.707 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.541 mW/g

SAR(1 g) = 0.279 mW/g; SAR(10 g) = 0.135 mW/g

Maximum value of SAR (measured) = 0.313 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band VII 20M 16QAM 1RB#0 21100CH Right side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.047$ mho/m; $\epsilon_r = 52.551$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.69, 6.69, 6.69); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.432 W/kg

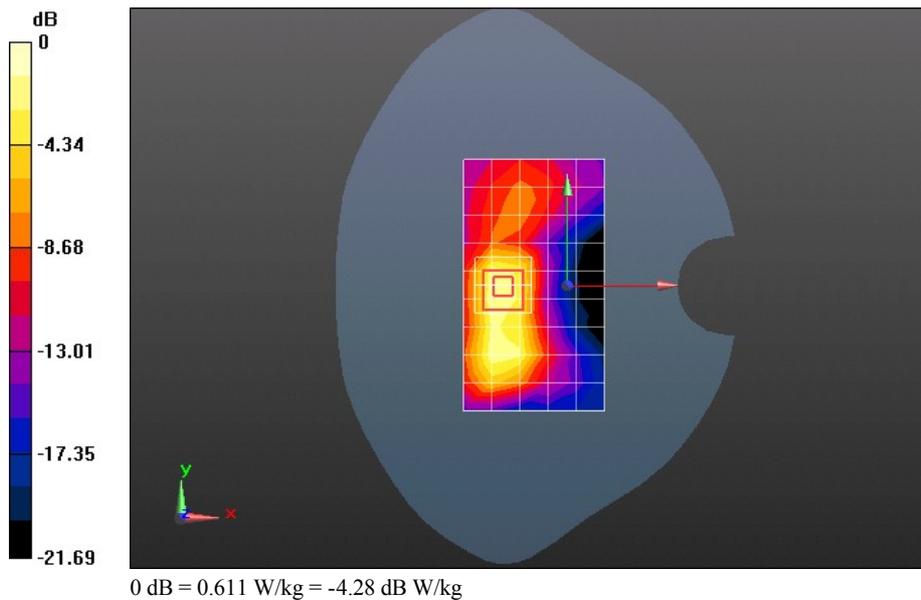
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.221 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.102 mW/g

SAR(1 g) = 0.535 mW/g; SAR(10 g) = 0.251 mW/g

Maximum value of SAR (measured) = 0.611 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band VII 20M 16QAM 1RB#99 20850CH Front side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 2.016$ mho/m; $\epsilon_r = 52.819$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.69, 6.69, 6.69); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.440 W/kg

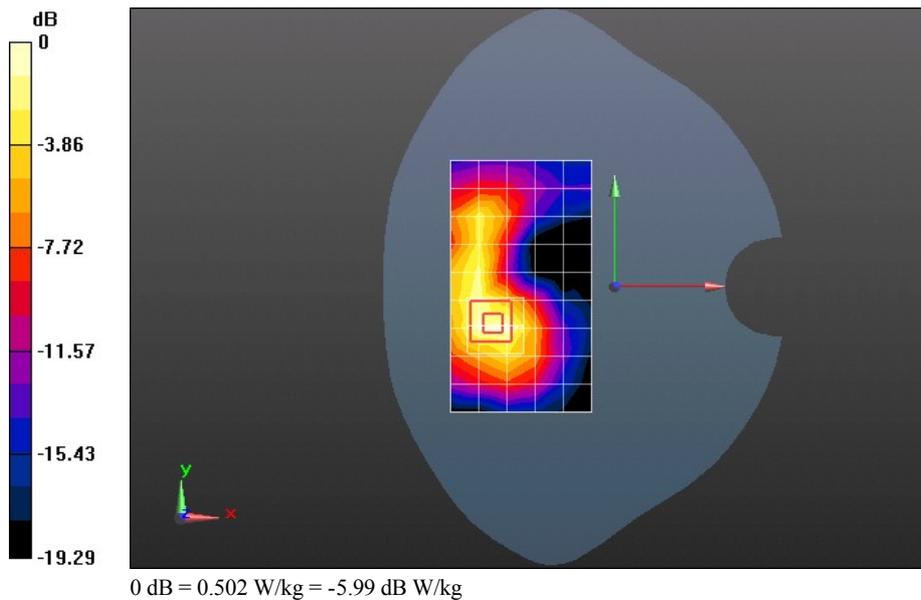
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.684 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.785 mW/g

SAR(1 g) = 0.456 mW/g; SAR(10 g) = 0.241 mW/g

Maximum value of SAR (measured) = 0.502 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band VII 20M 16QAM 1RB#99 20850CH Rear side 5mm**DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1**

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 2.016$ mho/m; $\epsilon_r = 52.819$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.69, 6.69, 6.69); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.979 W/kg

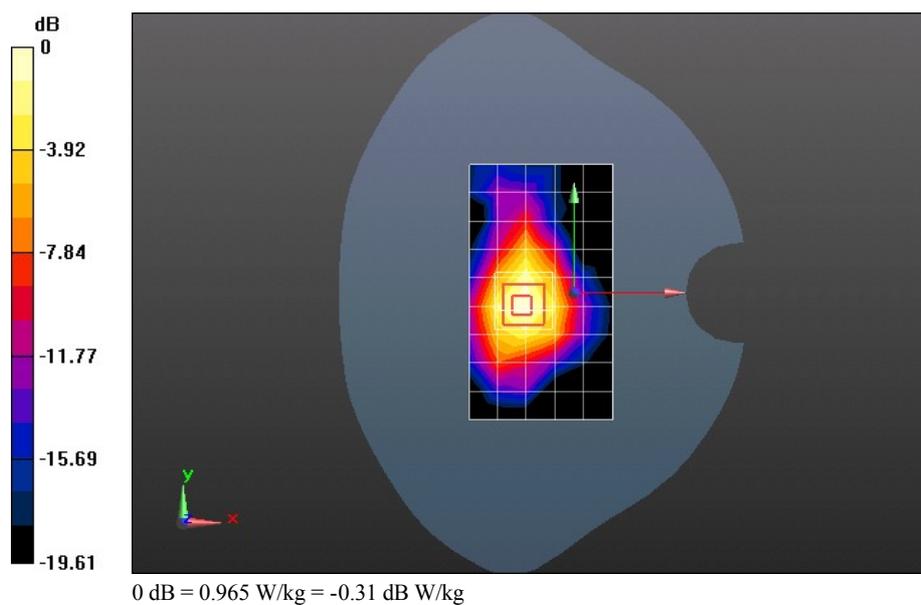
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.920 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.535 mW/g

SAR(1 g) = 0.890 mW/g; SAR(10 g) = 0.476 mW/g

Maximum value of SAR (measured) = 0.965 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band VII 20M 16QAM 1RB#99 20850CH Left side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 2.016$ mho/m; $\epsilon_r = 52.819$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.69, 6.69, 6.69); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.326 W/kg

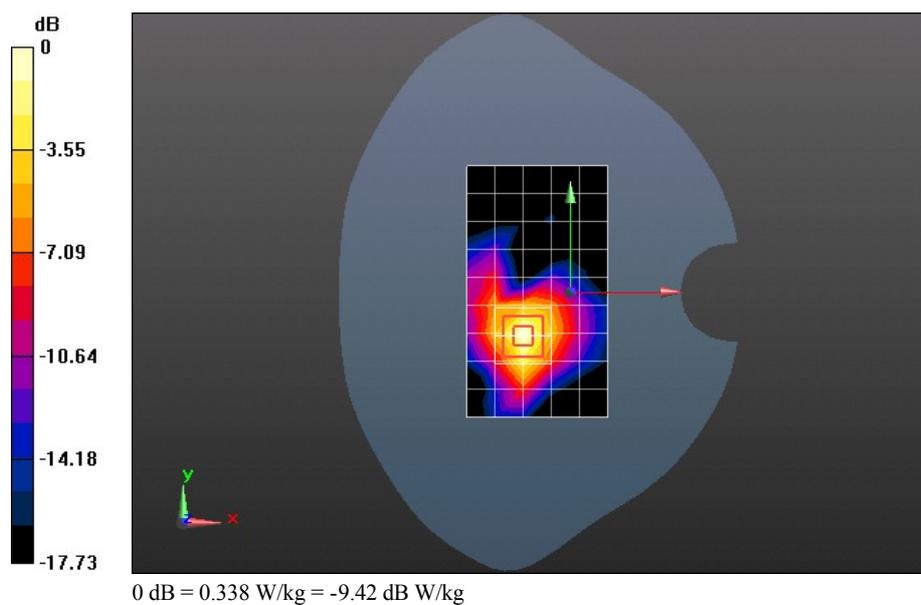
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.039 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.569 mW/g

SAR(1 g) = 0.293 mW/g; SAR(10 g) = 0.142 mW/g

Maximum value of SAR (measured) = 0.338 W/kg



Test Laboratory: HUAWEI SAR Lab

E3276s-500 LTE Band VII 20M 16QAM 1RB#99 20850CH Right side 5mm

DUT: E3276s-500; Type: LTE USB Rotator; Serial: SAR1

Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 2.016$ mho/m; $\epsilon_r = 52.819$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.69, 6.69, 6.69); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.469 W/kg

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

Reference Value = 7.110 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.966 mW/g

SAR(1 g) = 0.518 mW/g; SAR(10 g) = 0.261 mW/g

Maximum value of SAR (measured) = 0.590 W/kg

