

Test Laboratory: HUAWEI SAR Lab

### E3276s-151 LTE Band VII 20M QPSK 1RB#0 20850CH Right side 5mm

**DUT: E3276s-151; 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;  $\sigma = 1.967$  mho/m;  $\epsilon_r = 52.753$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 0.505 W/kg

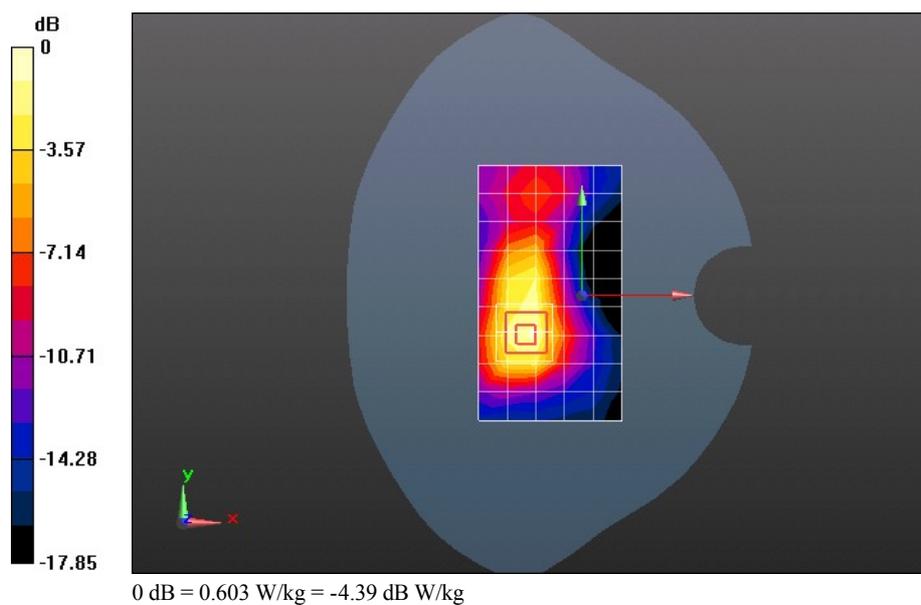
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.422 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.992 mW/g

**SAR(1 g) = 0.540 mW/g; SAR(10 g) = 0.280 mW/g**

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



Test Laboratory: HUAWEI SAR Lab

**E3276s-151 LTE Band VII 20M QPSK 1RB#99 20850CH Front side 5mm**

**DUT: E3276s-151; 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;  $\sigma = 1.967$  mho/m;  $\epsilon_r = 52.753$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 0.644 W/kg

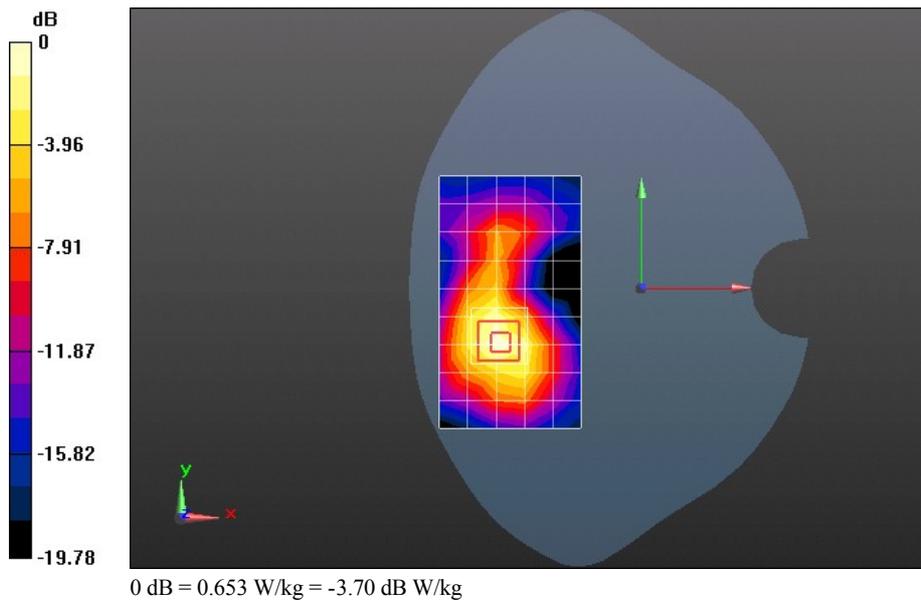
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.348 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.024 mW/g

**SAR(1 g) = 0.592 mW/g; SAR(10 g) = 0.319 mW/g**

Maximum value of SAR (measured) = 0.653 W/kg



Test Laboratory: HUAWEI SAR Lab

**E3276s-151 LTE Band VII 20M QPSK 1RB#99 20850CH Rear side 5mm**

**DUT: E3276s-151; Type: LTE USB Rotator; Serial: SAR1**

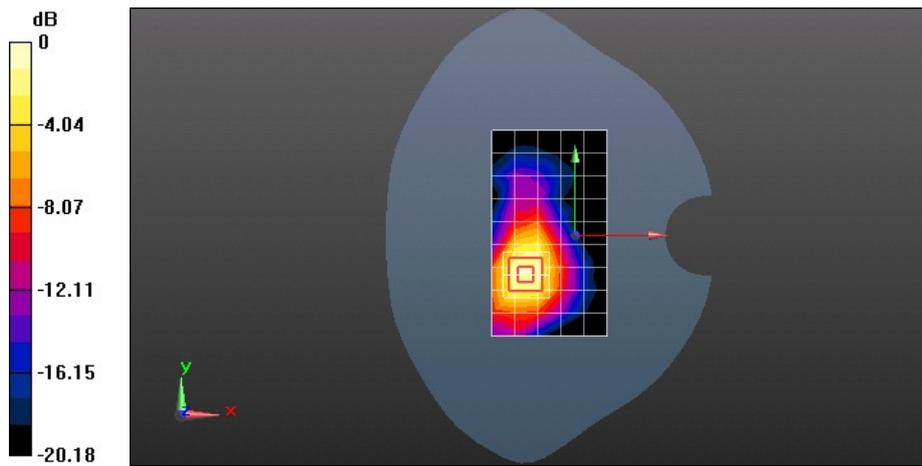
Communication System: LTE-FDD (SC-FDMA, 20 MHz, QPSK, 16-QAM); Frequency: 2510 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.967$  mho/m;  $\epsilon_r = 52.753$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

DASY5 Configuration:

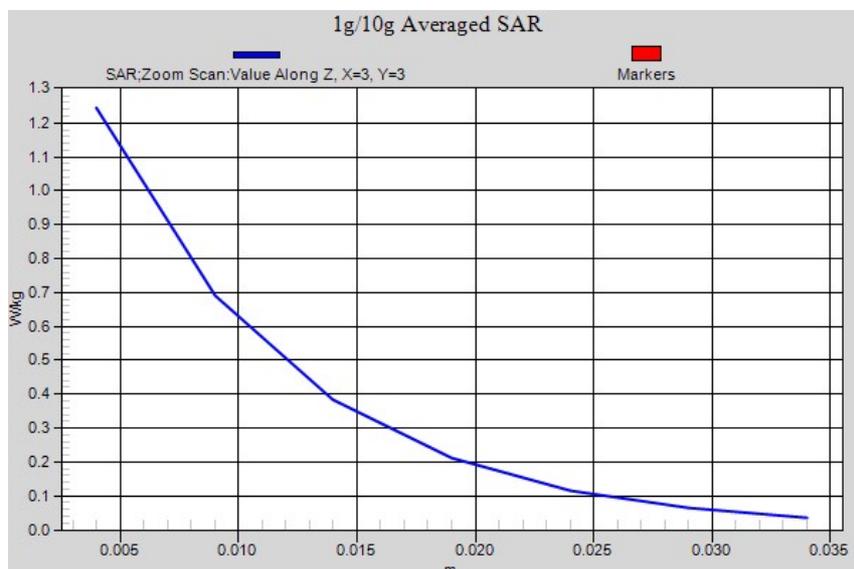
- Probe: EX3DV4 - SN3736; ConvF(6.69, 6.69, 6.69); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Configuration/Body/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.967 W/kg

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 10.337 V/m; Power Drift = 0.14 dB  
 Peak SAR (extrapolated) = 2.005 mW/g  
**SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.585 mW/g**  
 Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24 W/kg = 1.87 dB W/kg



Test Laboratory: HUAWEI SAR Lab

### E3276s-151 LTE Band VII 20M QPSK 1RB#99 20850CH Left side 5mm

**DUT: E3276s-151; 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;  $\sigma = 1.967$  mho/m;  $\epsilon_r = 52.753$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 0.313 W/kg

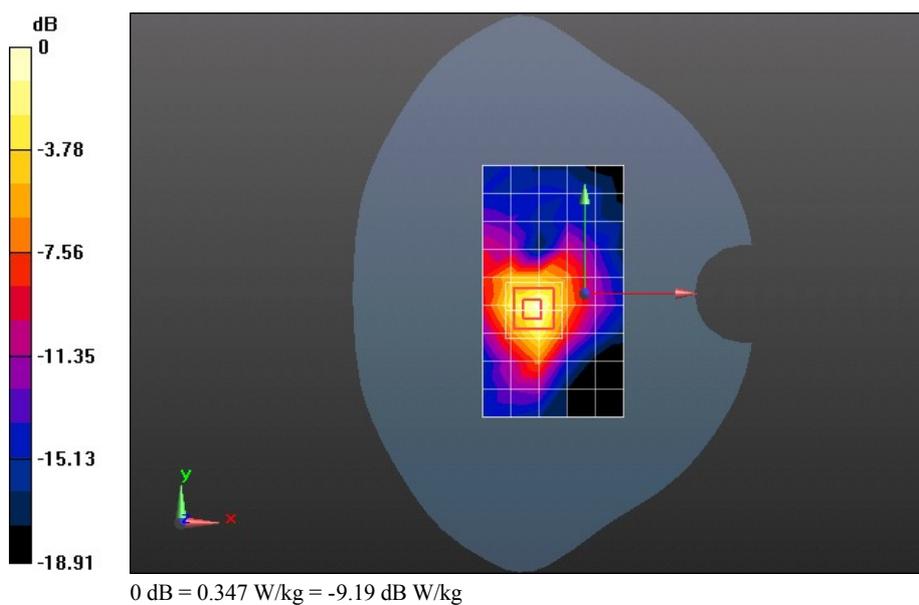
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.203 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.606 mW/g

**SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.148 mW/g**

Maximum value of SAR (measured) = 0.347 W/kg



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### E3276s-151 LTE Band VII 20M QPSK 1RB#99 20850CH Right side 5mm

**DUT: E3276s-151; 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;  $\sigma = 1.967$  mho/m;  $\epsilon_r = 52.753$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 0.456 W/kg

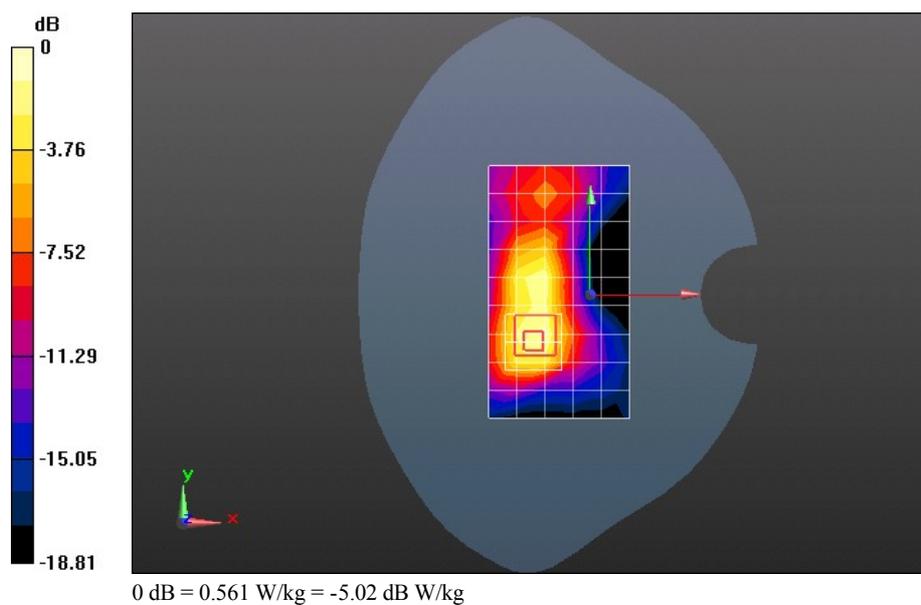
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.569 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.913 mW/g

**SAR(1 g) = 0.498 mW/g; SAR(10 g) = 0.254 mW/g**

Maximum value of SAR (measured) = 0.561 W/kg



Test Laboratory: HUAWEI SAR Lab

### E3276s-151 LTE Band VII 20M 16QAM 50%RB#25 20850CH Front side 5mm

**DUT: E3276s-151; 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;  $\sigma = 1.967$  mho/m;  $\epsilon_r = 52.753$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 0.633 W/kg

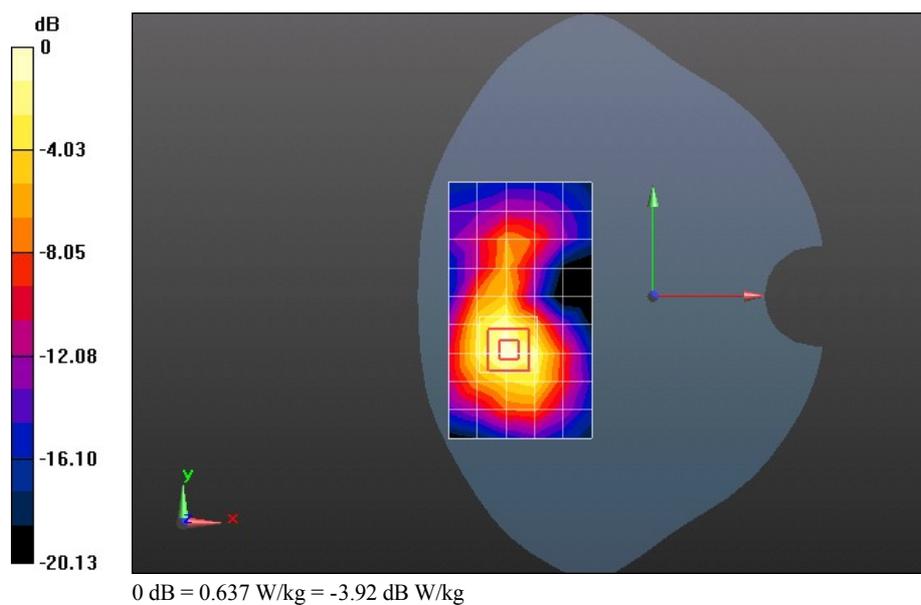
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.464 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.990 mW/g

**SAR(1 g) = 0.579 mW/g; SAR(10 g) = 0.312 mW/g**

Maximum value of SAR (measured) = 0.637 W/kg



Test Laboratory: HUAWEI SAR Lab

**E3276s-151 LTE Band VII 20M 16QAM 50%RB#25 20850CH Rear side 5mm**

**DUT: E3276s-151; 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;  $\sigma = 1.967$  mho/m;  $\epsilon_r = 52.753$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 1.15 W/kg

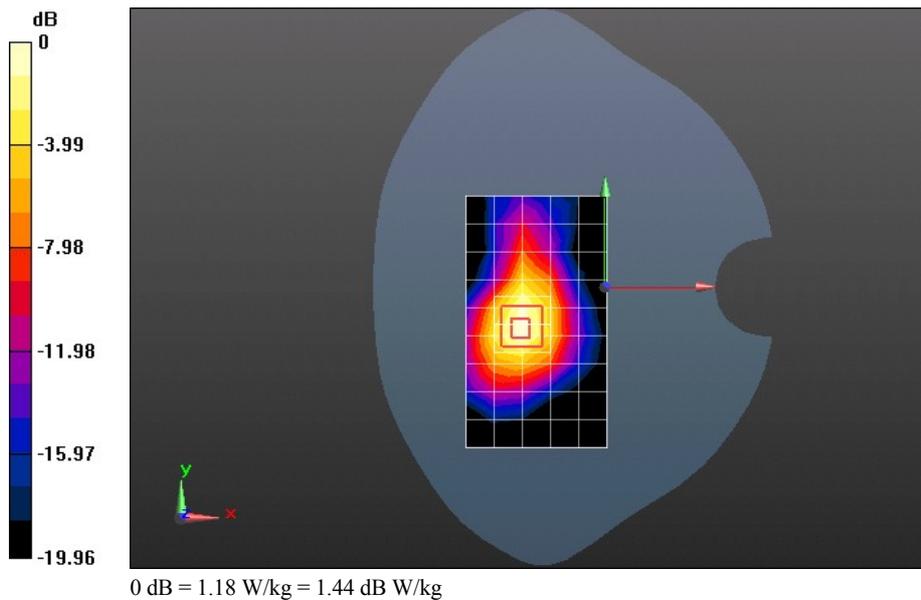
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.846 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.899 mW/g

**SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.546 mW/g**

Maximum value of SAR (measured) = 1.18 W/kg



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**E3276s-151 LTE Band VII 20M 16QAM 50%RB#25 20850CH Left side 5mm**

**DUT: E3276s-151; 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;  $\sigma = 1.967$  mho/m;  $\epsilon_r = 52.753$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 0.287 W/kg

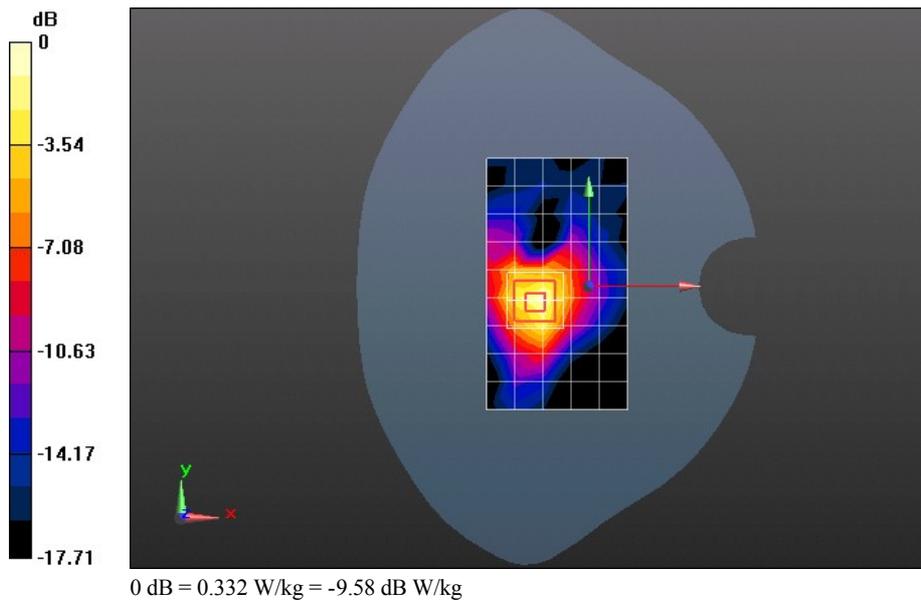
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.015 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.564 mW/g

**SAR(1 g) = 0.289 mW/g; SAR(10 g) = 0.140 mW/g**

Maximum value of SAR (measured) = 0.332 W/kg



Test Laboratory: HUAWEI SAR Lab

**E3276s-151 LTE Band VII 20M 16QAM 50%RB#25 20850CH Right side 5mm**

**DUT: E3276s-151; 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;  $\sigma = 1.967$  mho/m;  $\epsilon_r = 52.753$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 0.406 W/kg

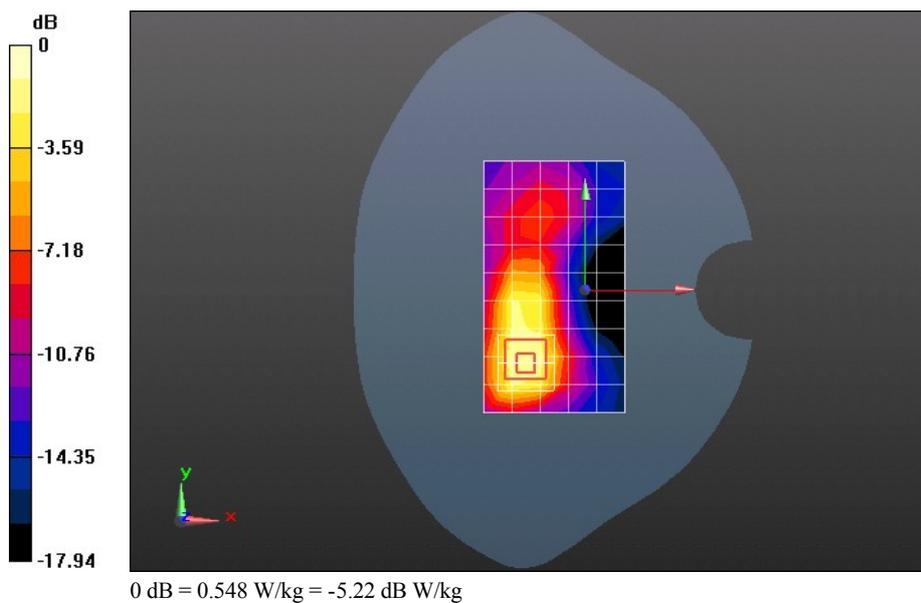
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.366 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.897 mW/g

**SAR(1 g) = 0.487 mW/g; SAR(10 g) = 0.252 mW/g**

Maximum value of SAR (measured) = 0.548 W/kg



Test Laboratory: HUAWEI SAR Lab

### E3276s-151 LTE Band VII 20M 16QAM 1RB#0 21100CH Front side 5mm

**DUT: E3276s-151; 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;  $\sigma = 1.982$  mho/m;  $\epsilon_r = 52.712$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 0.598 W/kg

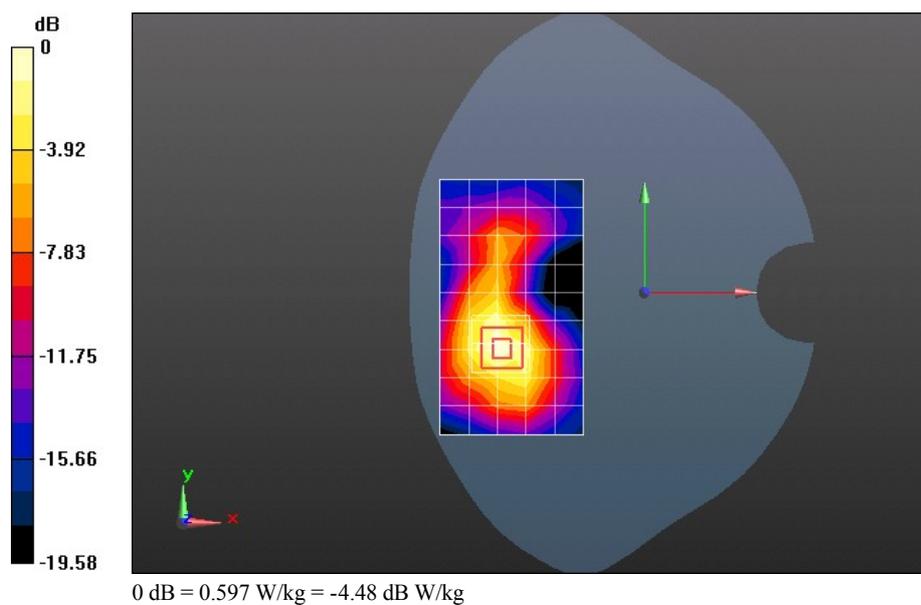
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.562 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.936 mW/g

**SAR(1 g) = 0.550 mW/g; SAR(10 g) = 0.295 mW/g**

Maximum value of SAR (measured) = 0.597 W/kg



Test Laboratory: HUAWEI SAR Lab

**E3276s-151 LTE Band VII 20M 16QAM 1RB#0 21100CH Rear side 5mm**

**DUT: E3276s-151; 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;  $\sigma = 1.982$  mho/m;  $\epsilon_r = 52.712$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 1.08 W/kg

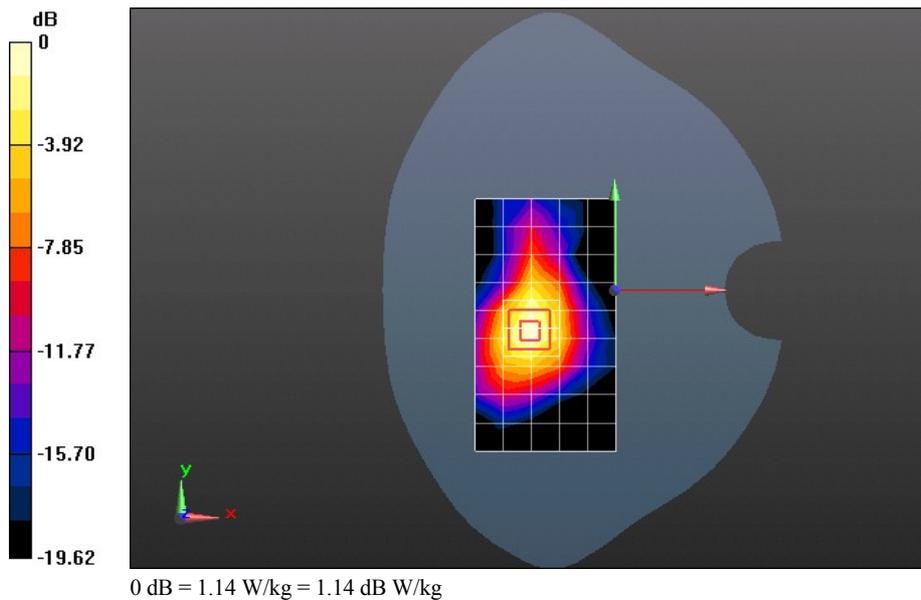
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.673 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.853 mW/g

**SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.538 mW/g**

Maximum value of SAR (measured) = 1.14 W/kg



Test Laboratory: HUAWEI SAR Lab

**E3276s-151 LTE Band VII 20M 16QAM 1RB#0 21100CH Left side 5mm**

**DUT: E3276s-151; 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;  $\sigma = 1.982$  mho/m;  $\epsilon_r = 52.712$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 0.296 W/kg

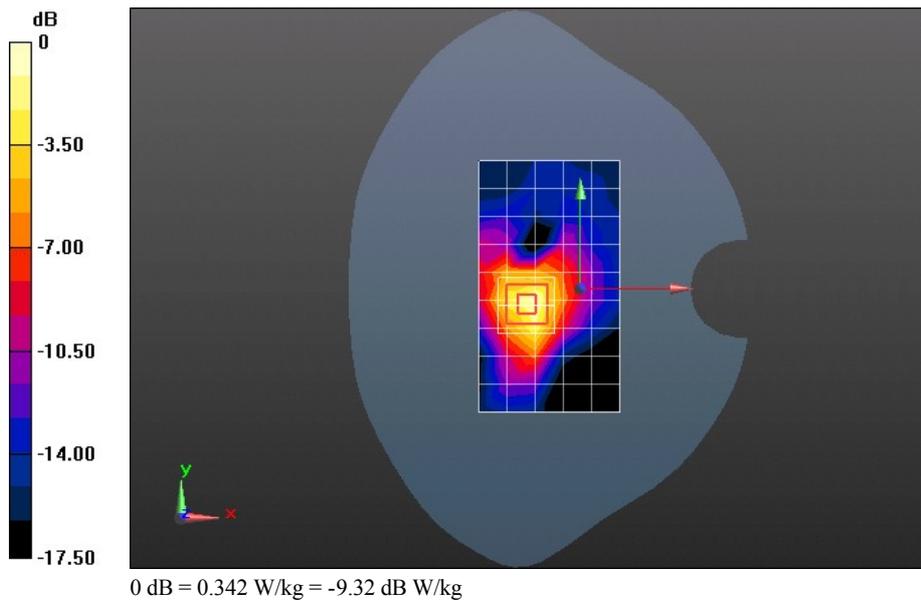
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.967 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.582 mW/g

**SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.145 mW/g**

Maximum value of SAR (measured) = 0.342 W/kg



Test Laboratory: HUAWEI SAR Lab

### E3276s-151 LTE Band VII 20M 16QAM 1RB#0 21100CH Right side 5mm

**DUT: E3276s-151; 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;  $\sigma = 1.982$  mho/m;  $\epsilon_r = 52.712$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 0.401 W/kg

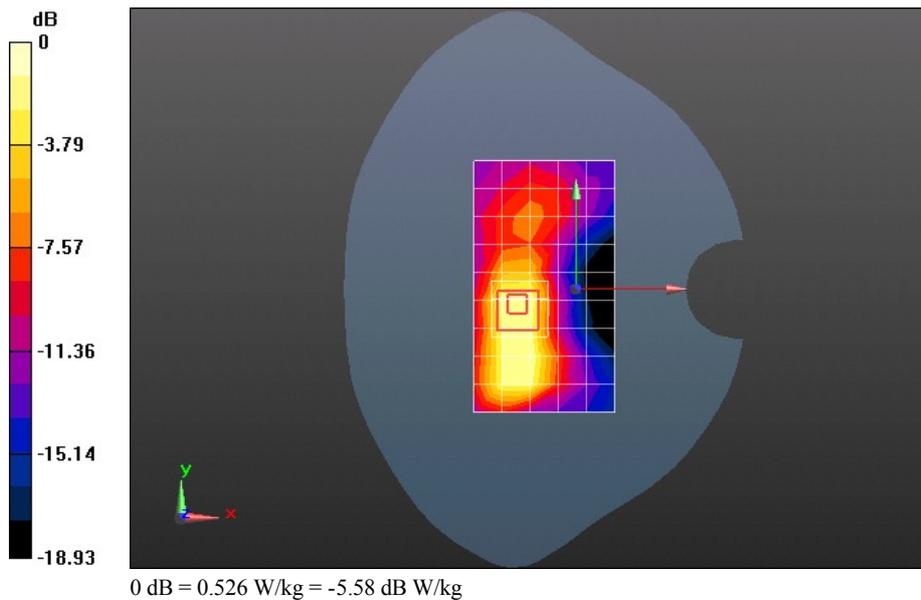
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.829 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.965 mW/g

**SAR(1 g) = 0.473 mW/g; SAR(10 g) = 0.229 mW/g**

Maximum value of SAR (measured) = 0.526 W/kg



Test Laboratory: HUAWEI SAR Lab

### E3276s-151 LTE Band VII 20M 16QAM 1RB#99 20850CH Front side 5mm

**DUT: E3276s-151; 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;  $\sigma = 1.967$  mho/m;  $\epsilon_r = 52.753$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 0.668 W/kg

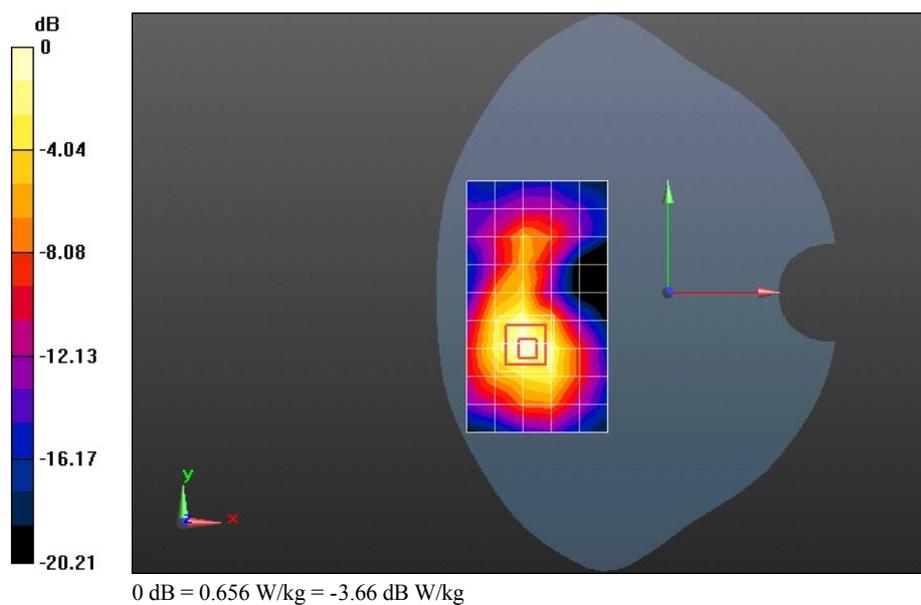
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.474 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.037 mW/g

**SAR(1 g) = 0.602 mW/g; SAR(10 g) = 0.325 mW/g**

Maximum value of SAR (measured) = 0.656 W/kg



Test Laboratory: HUAWEI SAR Lab

**E3276s-151 LTE Band VII 20M 16QAM 1RB#99 20850CH Rear side 5mm**

**DUT: E3276s-151; 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;  $\sigma = 1.967$  mho/m;  $\epsilon_r = 52.753$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 1.19 W/kg

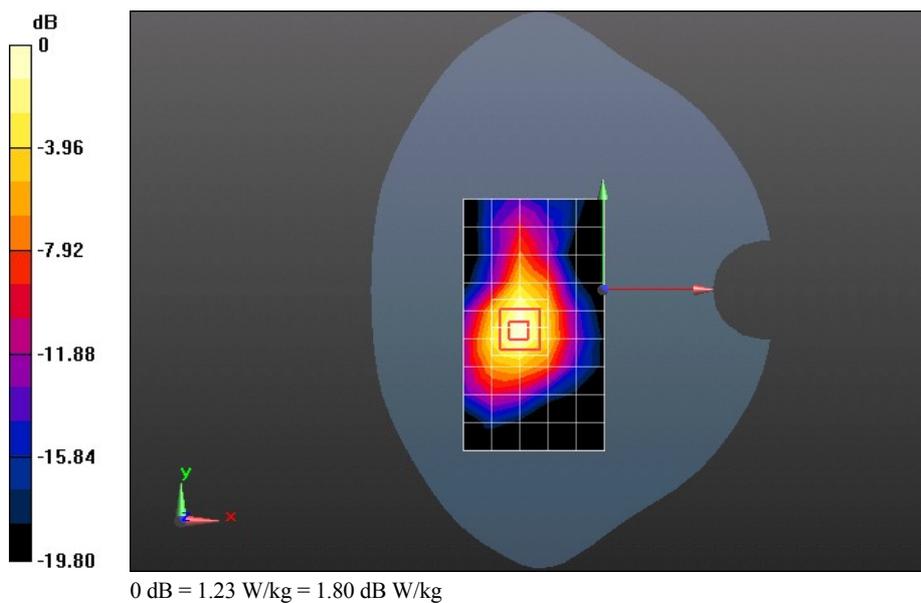
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.102 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 2.014 mW/g

**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.576 mW/g**

Maximum value of SAR (measured) = 1.23 W/kg



Test Laboratory: HUAWEI SAR Lab

**E3276s-151 LTE Band VII 20M 16QAM 1RB#99 20850CH Left side 5mm**

**DUT: E3276s-151; 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;  $\sigma = 1.967$  mho/m;  $\epsilon_r = 52.753$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 0.307 W/kg

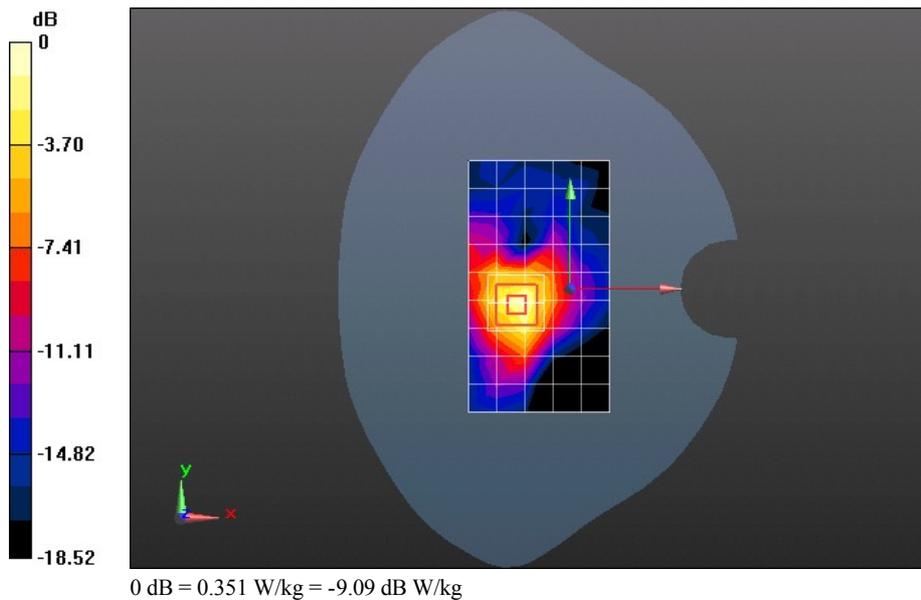
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.306 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.588 mW/g

**SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.150 mW/g**

Maximum value of SAR (measured) = 0.351 W/kg



Test Laboratory: HUAWEI SAR Lab

### E3276s-151 LTE Band VII 20M 16QAM 1RB#99 20850CH Right side 5mm

**DUT: E3276s-151; 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;  $\sigma = 1.967$  mho/m;  $\epsilon_r = 52.753$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 0.487 W/kg

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

Reference Value = 8.973 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.020 mW/g

**SAR(1 g) = 0.553 mW/g; SAR(10 g) = 0.283 mW/g**

Maximum value of SAR (measured) = 0.626 W/kg

