

Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23230 QPSK RB25 Start12 10M_Edge 1

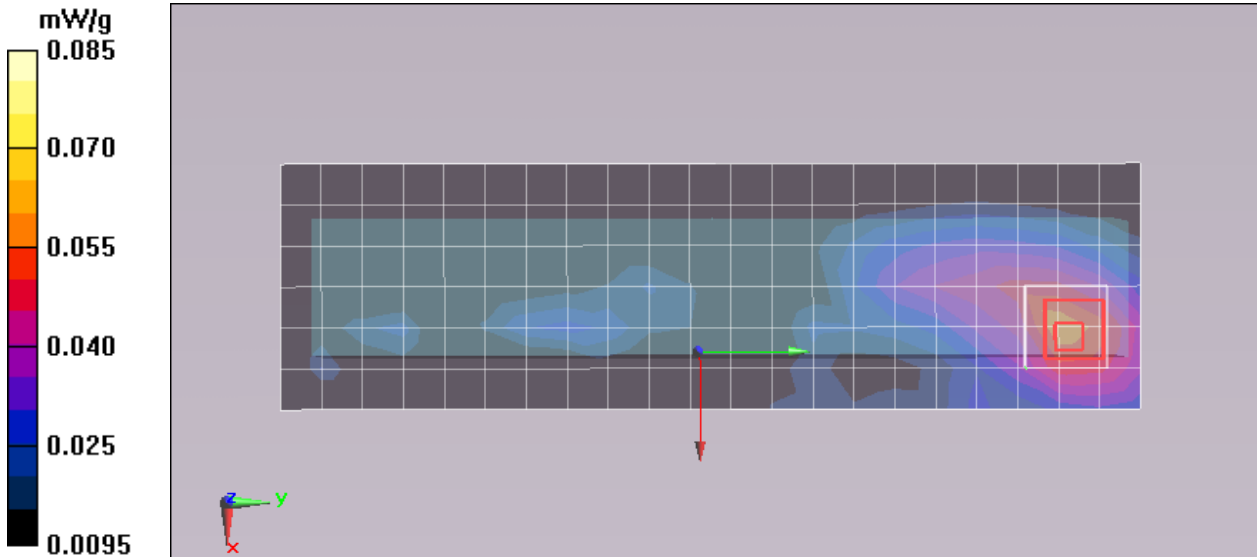
Communication System: LTE Band13; Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 54.602$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Middle Ch23230 10M RB25 Start12 QPSK/Area Scan (7x22x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0603 mW/g

Edge1 Middle Ch23230 10M RB25 Start12 QPSK/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 3.589 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.077 mW/g
SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.032 mW/g
Maximum value of SAR (measured) = 0.0627 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23230 QPSK RB1 Start1 10M_Edge 1

Communication System: LTE Band13; Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 54.602$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

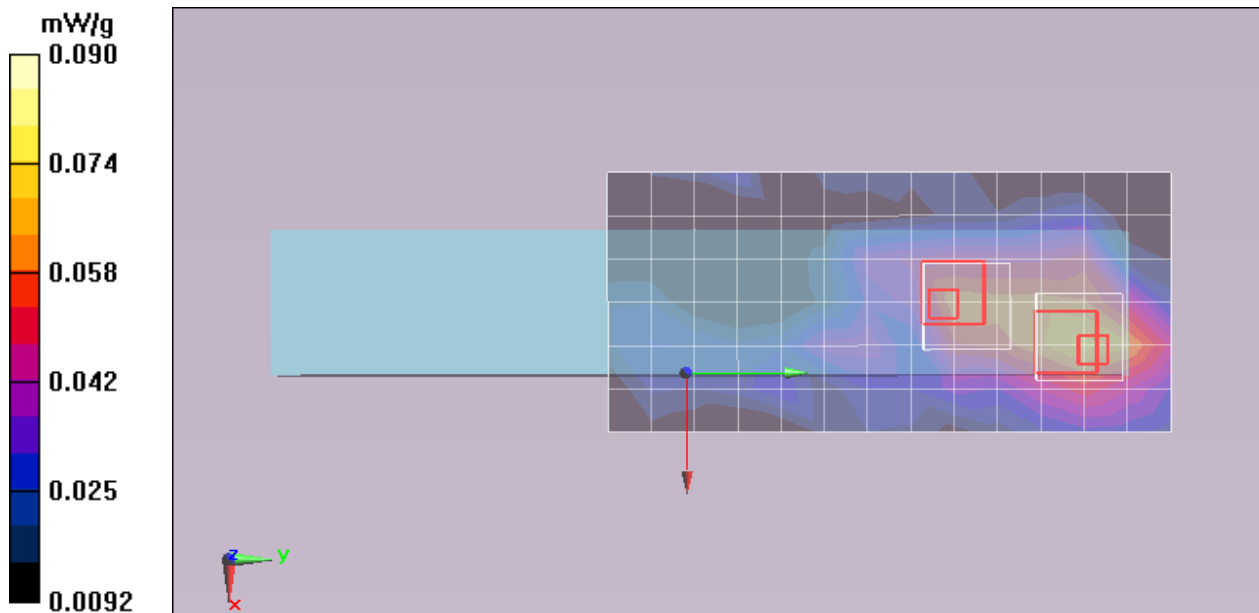
DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Middle Ch23230 10M RB1 Start1 QPSK/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0714 mW/g

Edge1 Middle Ch23230 10M RB1 Start1 QPSK/Zoom Scan 2 (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 5.060 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.090 mW/g
SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.039 mW/g
Maximum value of SAR (measured) = 0.0732 mW/g

Edge1 Middle Ch23230 10M RB1 Start1 QPSK/Zoom Scan 2 (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 5.060 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.096 mW/g
SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.030 mW/g
Maximum value of SAR (measured) = 0.0630 mW/g



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LTE Band 13 CH23230 QPSK RB1 Start25 10M_Edge 1

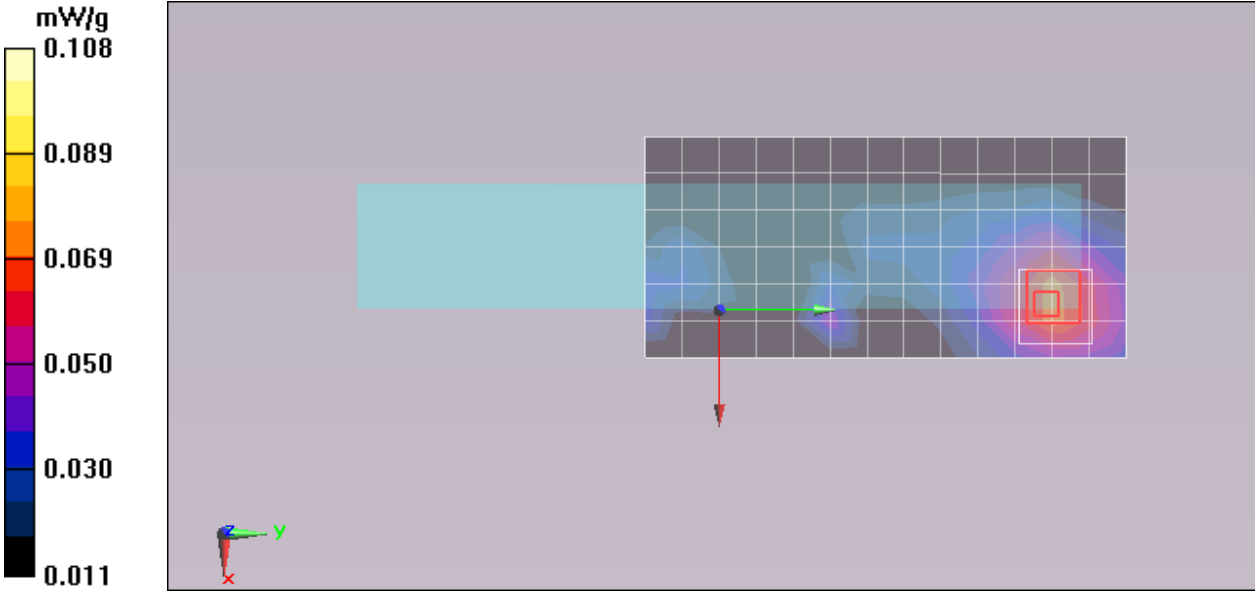
Communication System: LTE Band13; Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 54.602$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Middle Ch23230 10M RB1 Start25 QPSK/Area Scan (7x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.0734 mW/g

Edge1 Middle Ch23230 10M RB1 Start25 QPSK/Zoom Scan (7x7x9)/Cube 0: Measurement grid:
 $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=3\text{mm}$
Reference Value = 4.609 V/m; Power Drift = -0.061 dB
Peak SAR (extrapolated) = 0.098 mW/g
SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.041 mW/g
Maximum value of SAR (measured) = 0.0805 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23230 QPSK RB1 Start49 10M_Edge 1

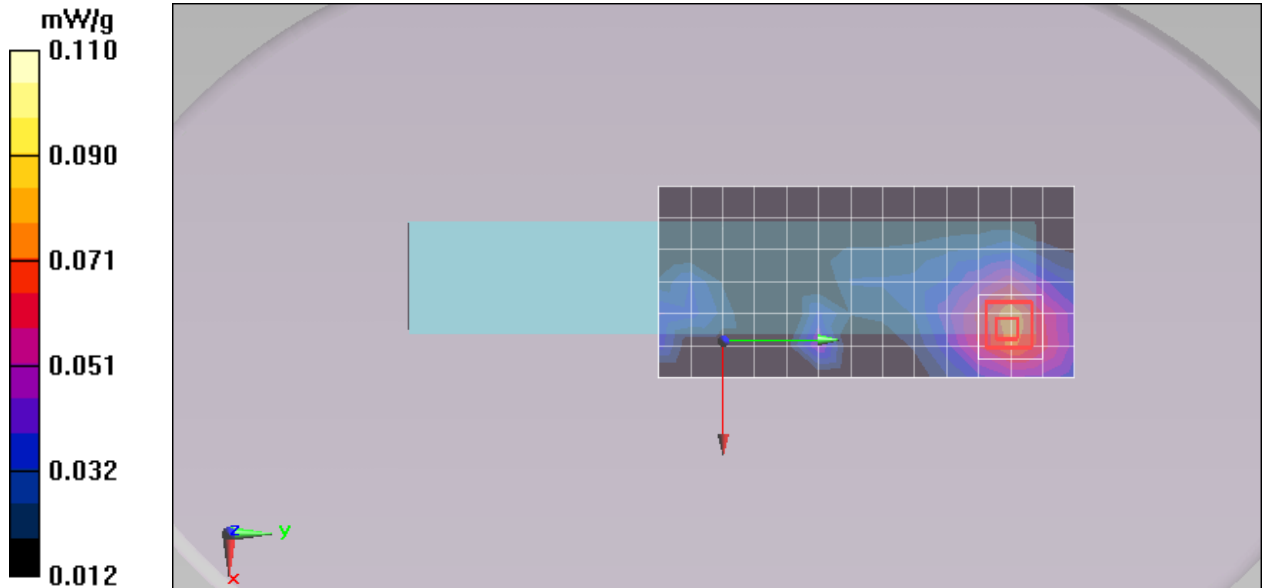
Communication System: LTE Band13; Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 54.602$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Middle Ch23230 10M RB1 Start25 QPSK/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0776 mW/g

Edge1 Middle Ch23230 10M RB1 Start25 QPSK/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 4.471 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.104 mW/g
SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.043 mW/g
Maximum value of SAR (measured) = 0.0848 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23230 QPSK RB50 Start0 10M_Edge 1

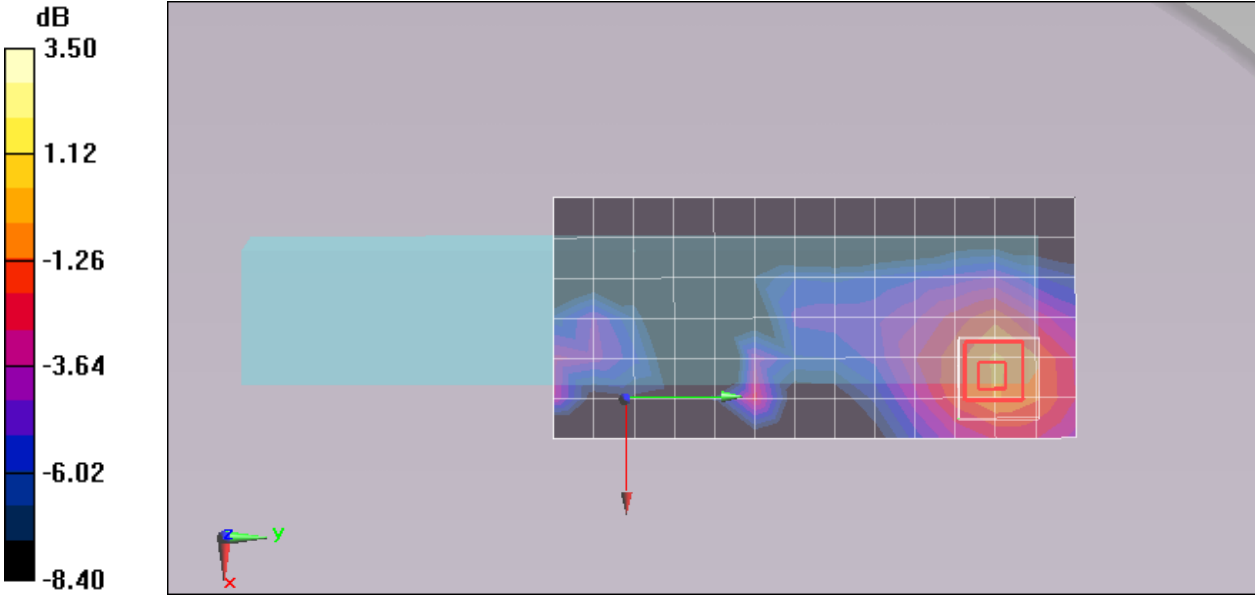
Communication System: LTE Band13; Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 54.602$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Middle Ch23230 10M RB50 Start0 QPSK/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0555 mW/g

Edge1 Middle Ch23230 10M RB50 Start0 QPSK/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 3.693 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.074 mW/g
SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.0591 mW/g



0 dB = 0.0591 mW/g = -24.57 dB mW/g

Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23230 16QAM RB1 Start0 10M_Edge 1

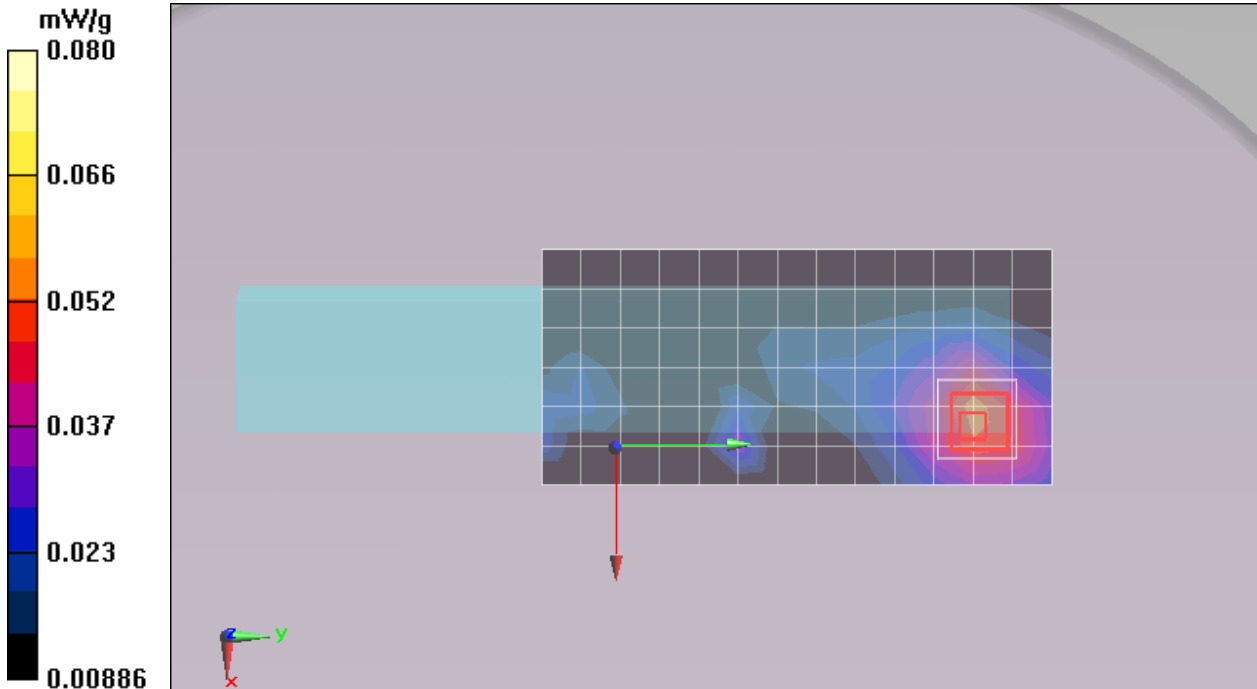
Communication System: LTE Band13; Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 54.602$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Middle Ch23230 10M RB1 Start0 16QAM/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0550 mW/g

Edge1 Middle Ch23230 10M RB1 Start0 16QAM/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 3.641 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.071 mW/g
SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.0638 mW/g



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LTE Band 13 CH23230 16QAM RB1 Star25 10M_Edge 1

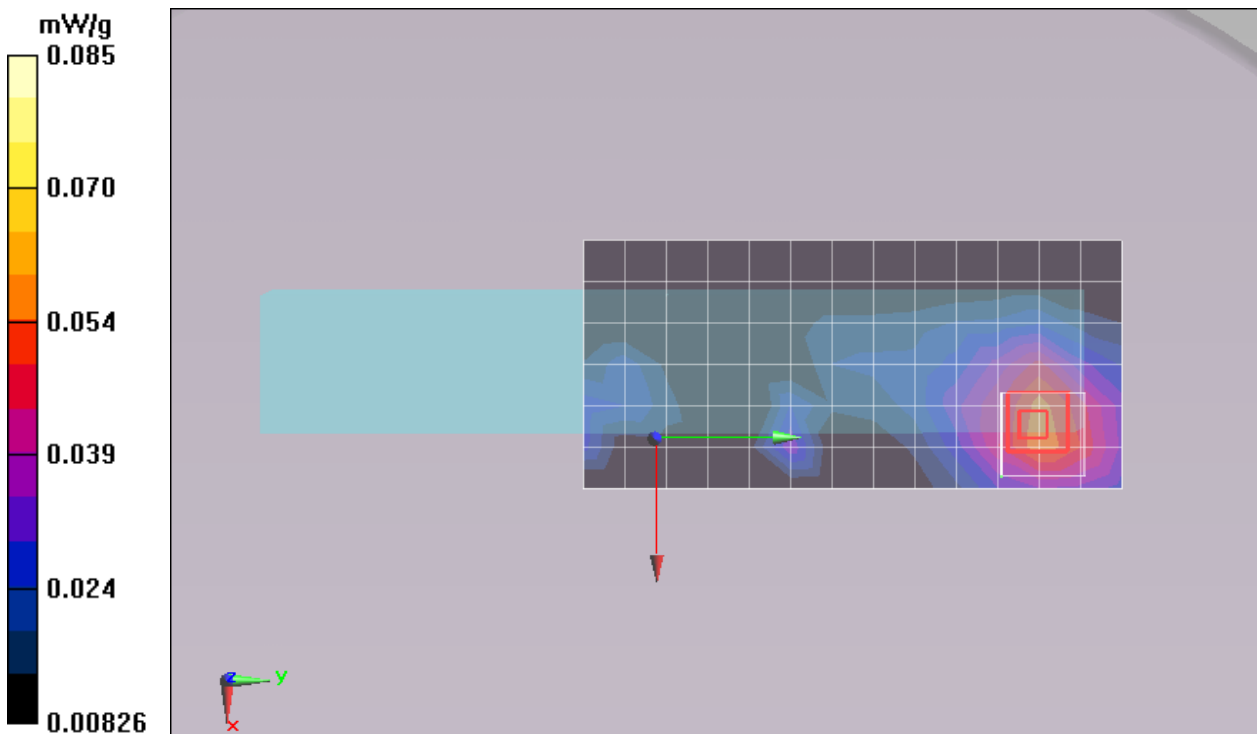
Communication System: LTE Band13; Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 54.602$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Middle Ch23230 10M RB1 Start25 16QAM/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0590 mW/g

Edge1 Middle Ch23230 10M RB1 Start25 16QAM/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 3.777 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.079 mW/g
SAR(1 g) = **0.048 mW/g**; SAR(10 g) = **0.033 mW/g**
Maximum value of SAR (measured) = 0.0651 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23230 16QAM RB1 Star49 10M_Edge 1

Communication System: LTE Band13; Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 54.602$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

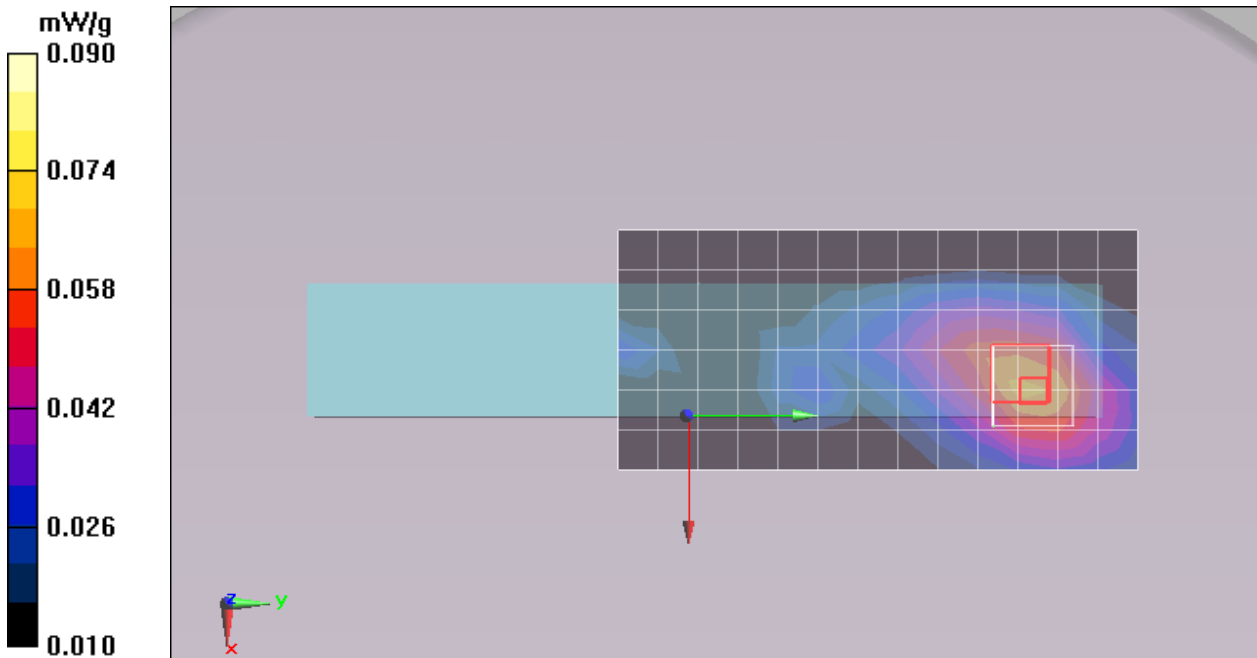
DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Middle Ch23230 10M RB1 Start25 16QAM/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0659 mW/g

Edge1 Middle Ch23230 10M RB1 Start25 16QAM/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 2.756 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.084 mW/g
SAR(1 g) = **0.051 mW/g**; SAR(10 g) = **0.036 mW/g**

Maximum value of SAR (measured) = 0.0688 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23230 16QAM RB50 Star0 10M_Edge 1

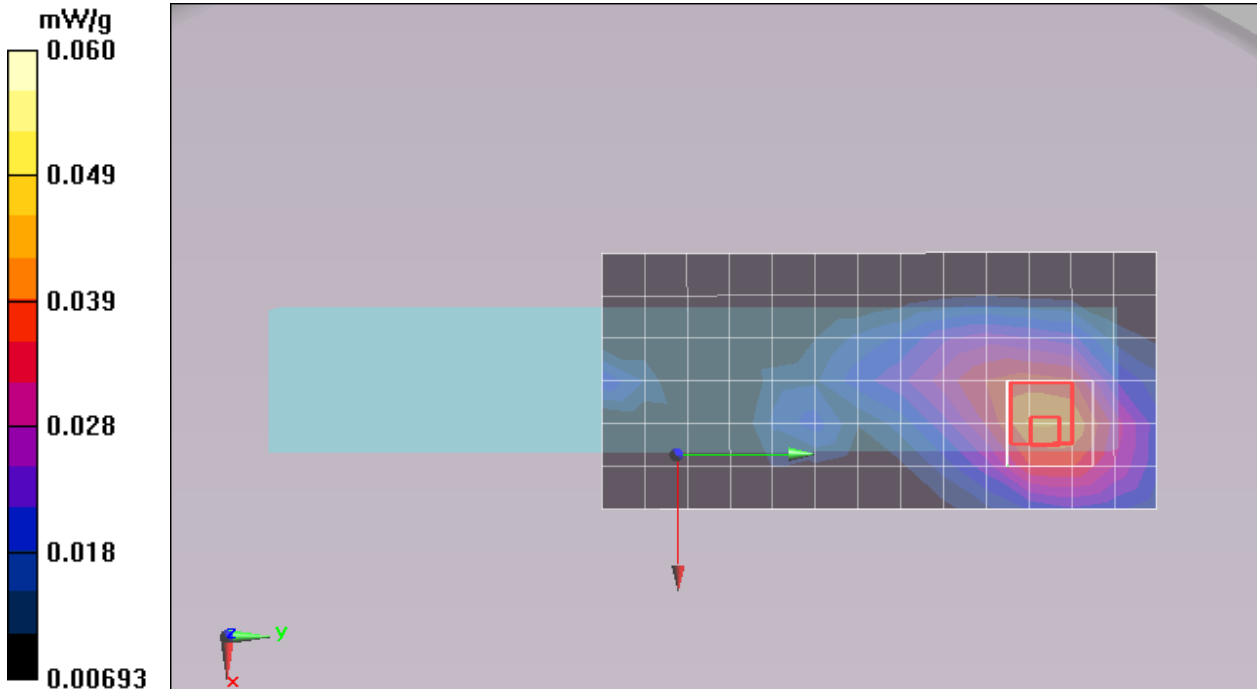
Communication System: LTE Band13; Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 54.602$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Middle Ch23230 10M RB50 Start0 16QAM/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0430 mW/g

Edge1 Middle Ch23230 10M RB50 Start0 16QAM/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 2.268 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.064 mW/g
SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.025 mW/g
Maximum value of SAR (measured) = 0.0515 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23205 QPSK RB1 Star0 5M_Edge 1

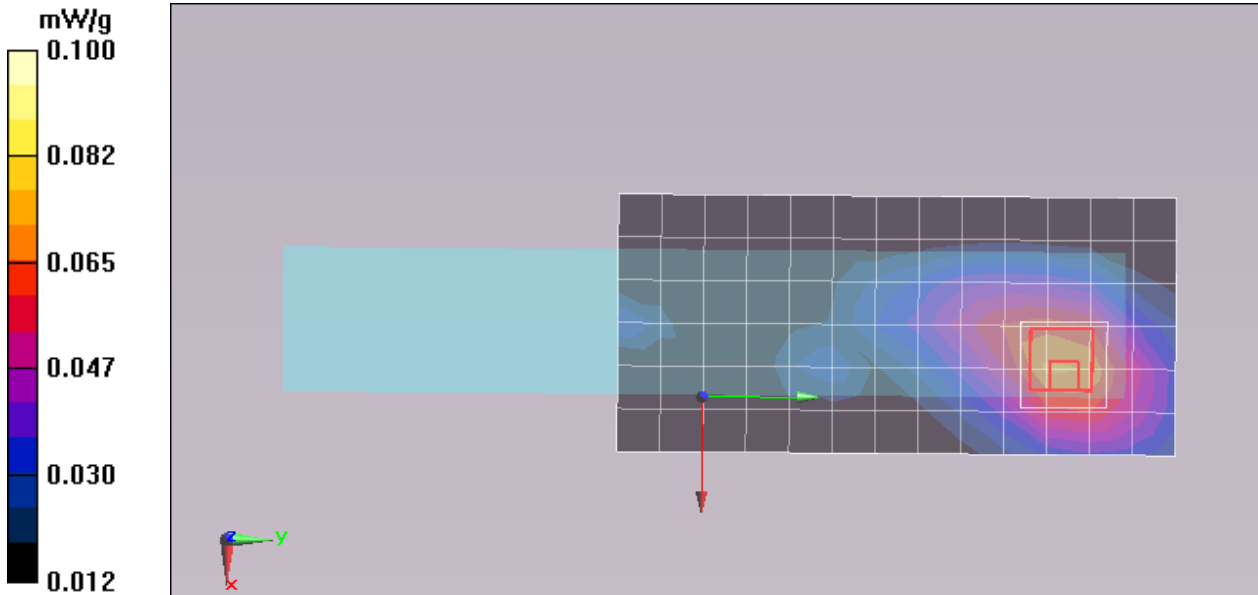
Communication System: LTE Band13; Frequency: 779.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 779.5$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 54.625$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Low Ch23205 5M RB1 Start0 QPSK/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0724 mW/g

Edge1 Low Ch23205 5M RB1 Start0 QPSK/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 2.898 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.103 mW/g
SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.042 mW/g
Maximum value of SAR (measured) = 0.0818 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23205 QPSK RB1 Star12 5M_Edge 1

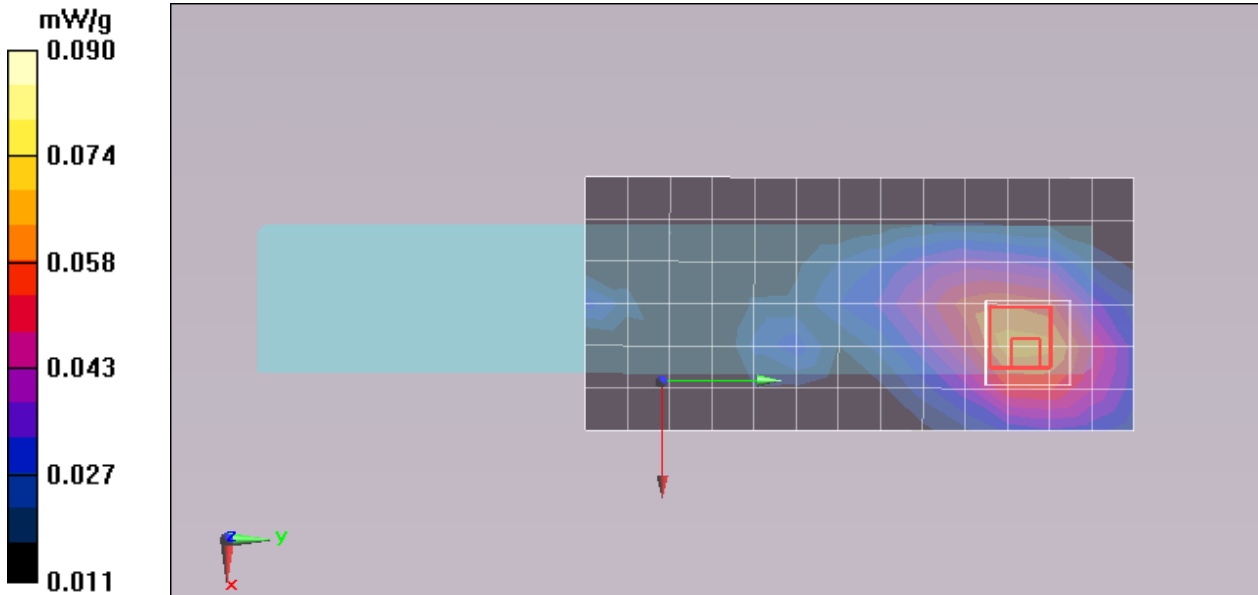
Communication System: LTE Band13; Frequency: 779.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 779.5$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 54.625$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Low Ch23205 5M RB1 Start12 QPSK/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0672 mW/g

Edge1 Low Ch23205 5M RB1 Start12 QPSK/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 2.942 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.095 mW/g
SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.038 mW/g
Maximum value of SAR (measured) = 0.0767 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23205 QPSK RB1 Star24 5M_Edge 1

Communication System: LTE Band13; Frequency: 779.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 779.5$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 54.625$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

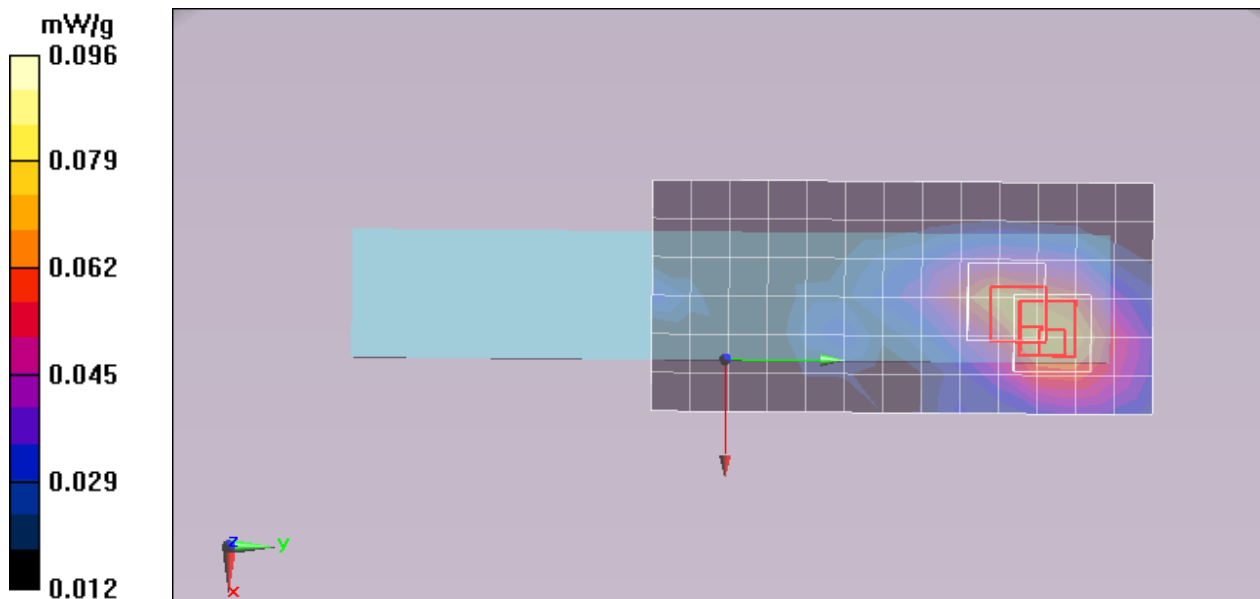
DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Low Ch23205 5M RB1 Start24 QPSK/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0748 mW/g

Edge1 Low Ch23205 5M RB1 Start24 QPSK/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 3.123 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.104 mW/g
SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.043 mW/g
Maximum value of SAR (measured) = 0.0842 mW/g

Edge1 Low h23205 5M RB1 Start24 QPSK/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 3.123 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.098 mW/g
SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.041 mW/g
Maximum value of SAR (measured) = 0.0823 mW/g



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LTE Band 13 CH23205 16QAM RB1 Start0 5M_Edge 1

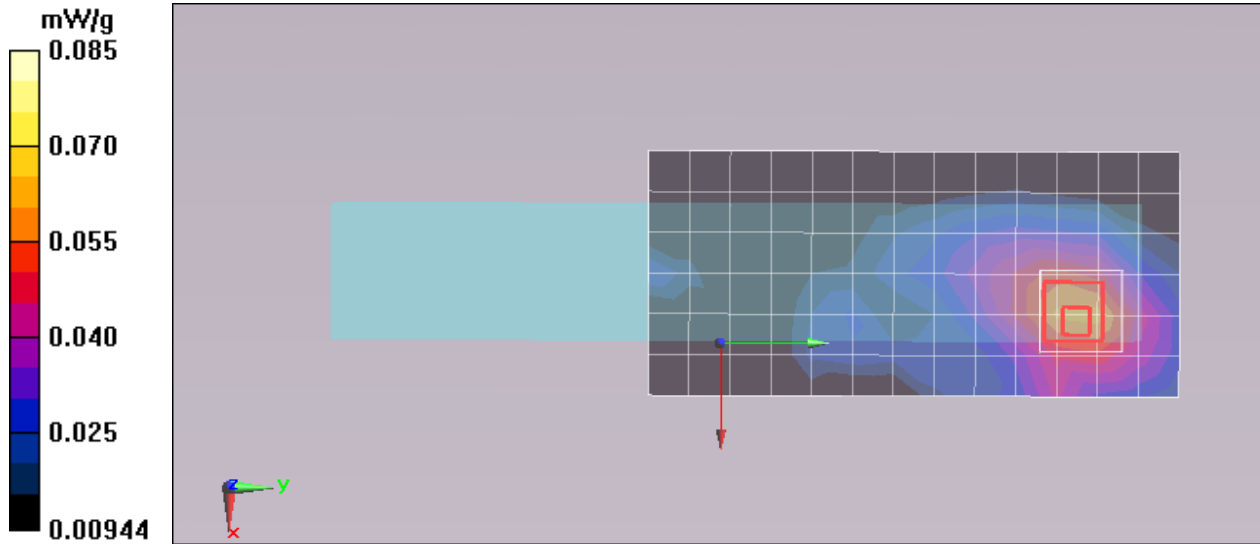
Communication System: LTE Band13; Frequency: 779.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 779.5$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 54.625$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Low Ch23205 5M RB1 Start0 16QAM/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0628 mW/g

Edge1 Low Ch23205 5M RB1 Start0 16QAM/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 2.767 V/m; Power Drift = -0.020 dB
Peak SAR (extrapolated) = 0.085 mW/g
SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.0689 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23205 16QAM RB1 Start12 5M_Edge 1

Communication System: LTE Band13; Frequency: 779.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 779.5$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 54.625$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Low Ch23205 5M RB1 Start0 16QAM/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0586 mW/g

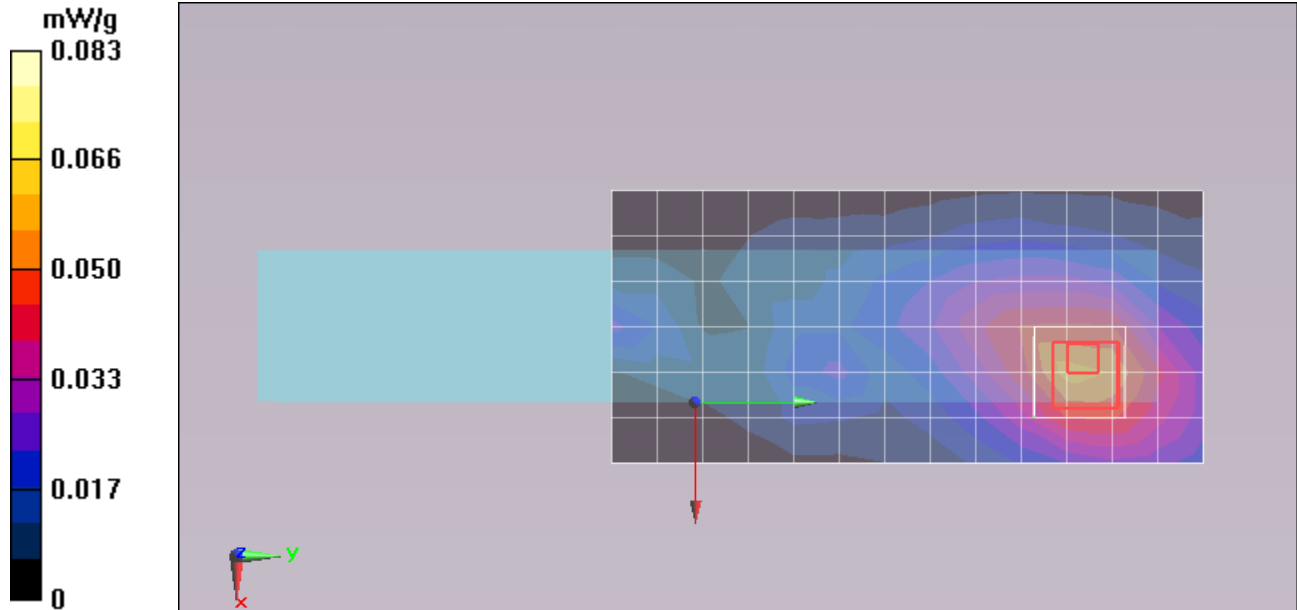
Edge1 Low Ch23205 5M RB1 Start0 16QAM/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.483 V/m; Power Drift = -0.099 dB

Peak SAR (extrapolated) = 0.113 mW/g

SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.034 mW/g

Maximum value of SAR (measured) = 0.0683 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23205 16QAM RB1 Start24 5M_Edge 1

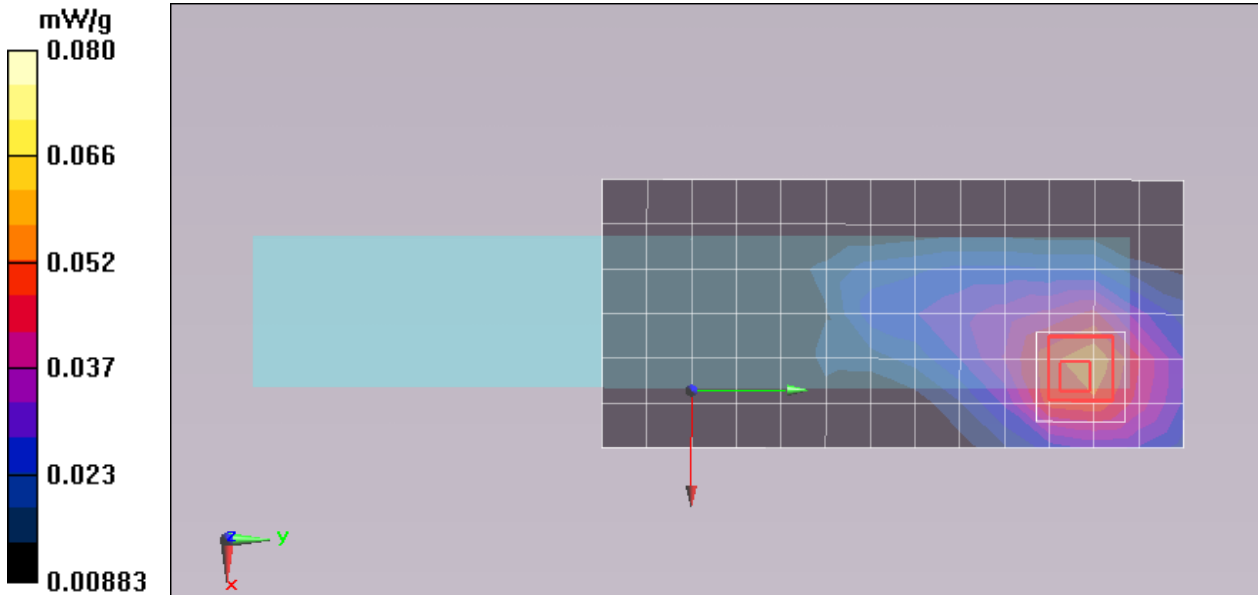
Communication System: LTE Band13; Frequency: 779.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 779.5$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 54.625$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Low Ch23205 5M RB1 Start0 16QAM/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0559 mW/g

Edge1 Low Ch23205 5M RB1 Start0 16QAM/Zoom Scan (7x7x9)/Cube 0: Measurement grid:
dx=5mm, dy=5mm, dz=3mm
Reference Value = 2.999 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.080 mW/g
SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.032 mW/g
Maximum value of SAR (measured) = 0.0643 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23230 QPSK RB1 Star0 5M_Edge 1

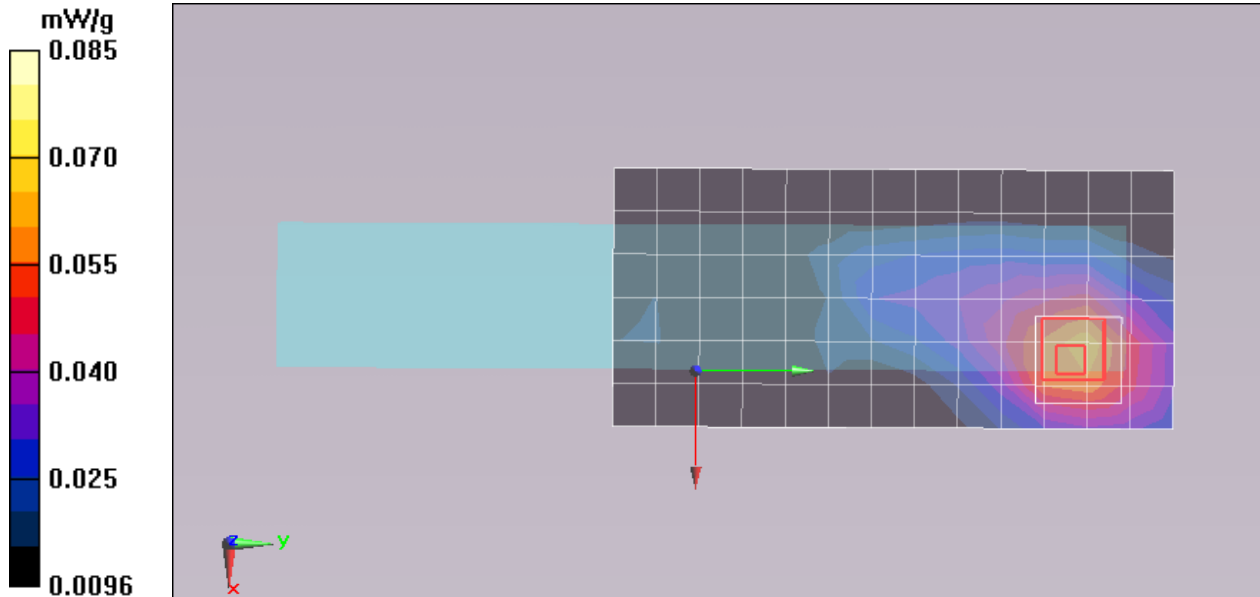
Communication System: LTE Band13; Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 54.602$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Middle Ch23230 5M RB1 Start0 QPSK/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0641 mW/g

Edge1 Middle Ch23230 5M RB1 Start0 QPSK/Zoom Scan (7x7x9)/Cube 0: Measurement grid:
dx=5mm, dy=5mm, dz=3mm
Reference Value = 3.198 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.089 mW/g
SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.036 mW/g
Maximum value of SAR (measured) = 0.0714 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23230 QPSK RB1 Star12 5M_Edge 1

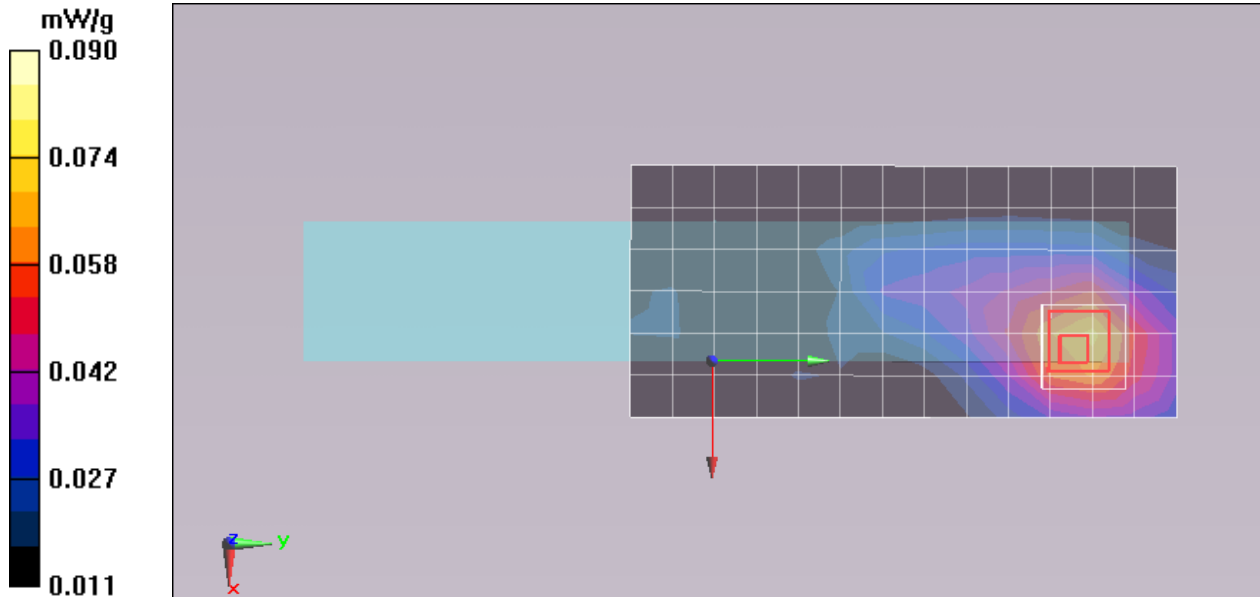
Communication System: LTE Band13; Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 54.602$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Middle Ch23230 5M RB1 Start12 QPSK/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0711 mW/g

Edge1 Middle Ch23230 5M RB1 Start12 QPSK/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 3.367 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.100 mW/g
SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.040 mW/g
Maximum value of SAR (measured) = 0.0790 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23230 QPSK RB1 Star24 5M_Edge 1

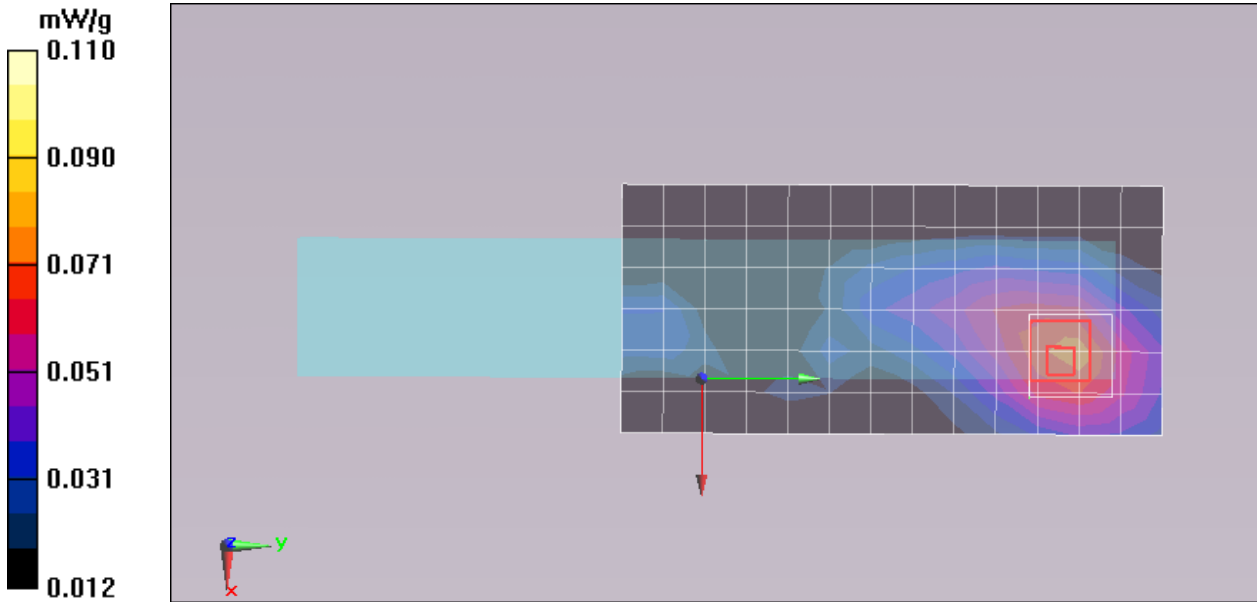
Communication System: LTE Band13; Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 54.602$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Middle Ch23230 5M RB1 Start24 QPSK/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0760 mW/g

Edge1 Middle Ch23230 5M RB1 Start24 QPSK/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 4.505 V/m; Power Drift = 0.160 dB
Peak SAR (extrapolated) = 0.103 mW/g
SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.042 mW/g
Maximum value of SAR (measured) = 0.0840 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23230 16QAM RB1 Start0 5M_Edge 1

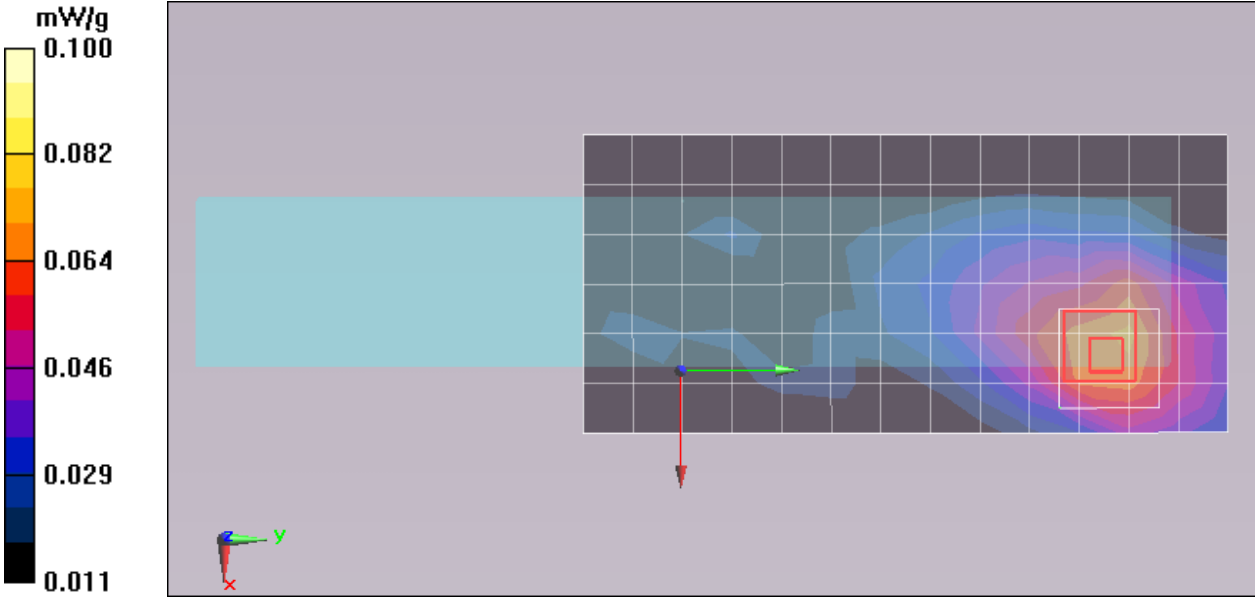
Communication System: LTE Band13; Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 54.602$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Middle Ch23230 5M RB1 Start0 16QAM/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0724 mW/g

Edge1 Middle Ch23230 5M RB1 Start0 16QAM/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 3.338 V/m; Power Drift = 0.036 dB
Peak SAR (extrapolated) = 0.098 mW/g
SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.041 mW/g
Maximum value of SAR (measured) = 0.0791 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23230 16QAM RB1 Start12 5M_Edge 1

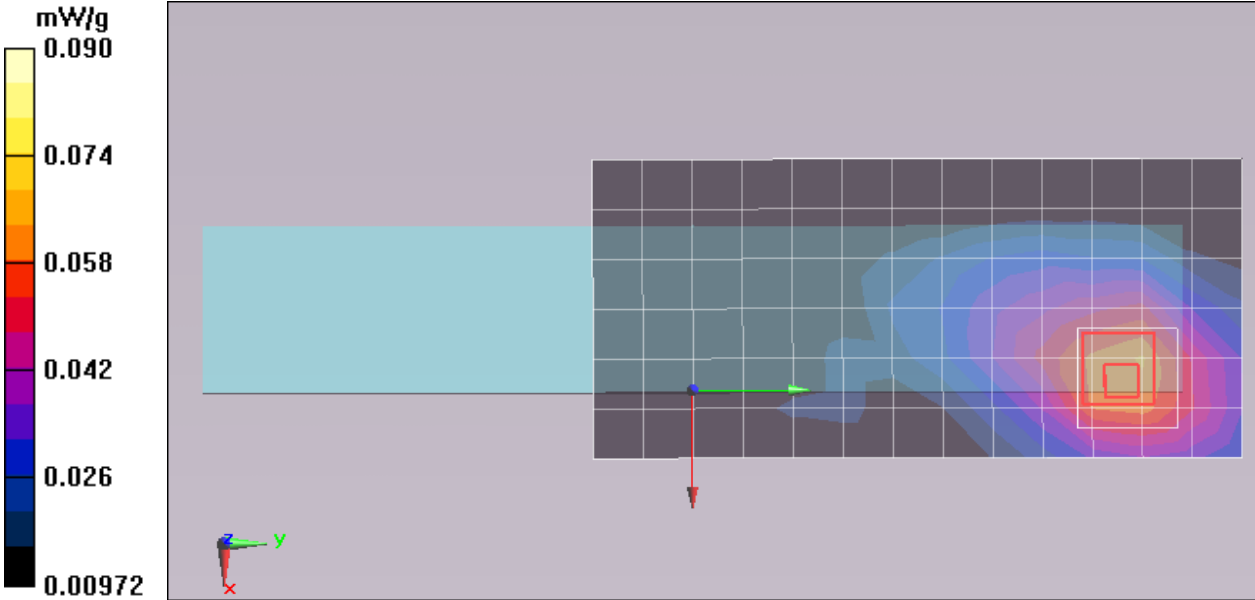
Communication System: LTE Band13; Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 54.602$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Middle Ch23230 5M RB1 Start12 16QAM/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0641 mW/g

Edge1 Middle Ch23230 5M RB1 Start12 16QAM/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 3.625 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.087 mW/g
SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.036 mW/g
Maximum value of SAR (measured) = 0.0711 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23230 16QAM RB1 Start24 5M_Edge 1

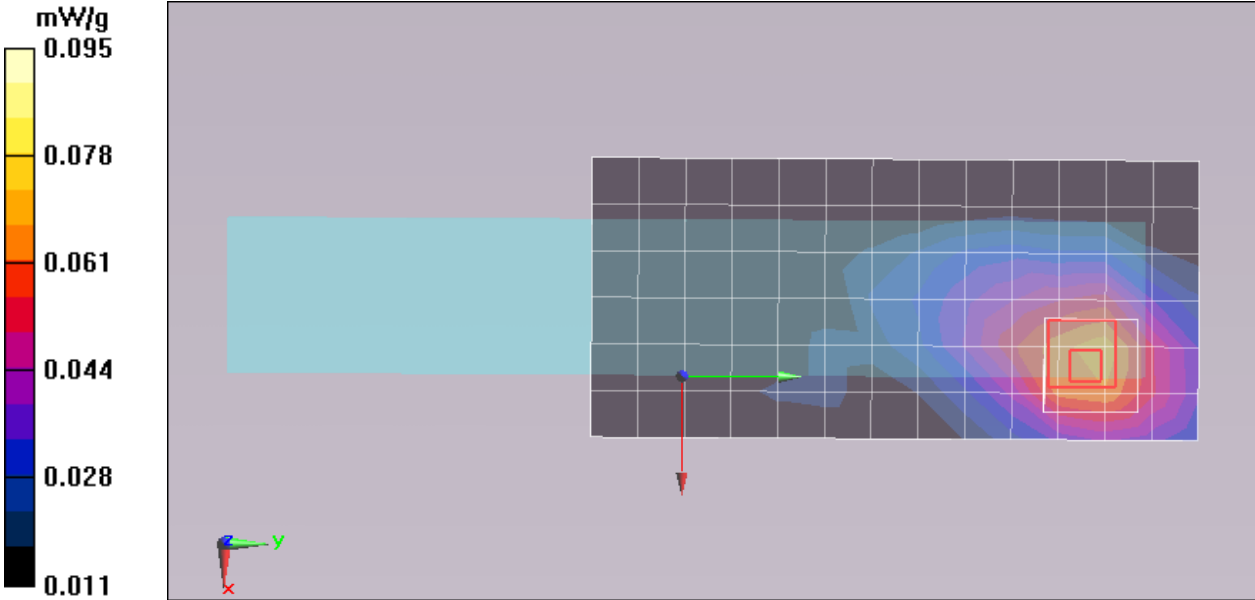
Communication System: LTE Band13; Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 54.602$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Middle Ch23230 5M RB1 Start24 16QAM/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0712 mW/g

Edge1 Middle Ch23230 5M RB1 Start24 16QAM/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 3.837 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.097 mW/g
SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.040 mW/g
Maximum value of SAR (measured) = 0.0787 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23255 QPSK RB1 Star0 5M_Edge 1

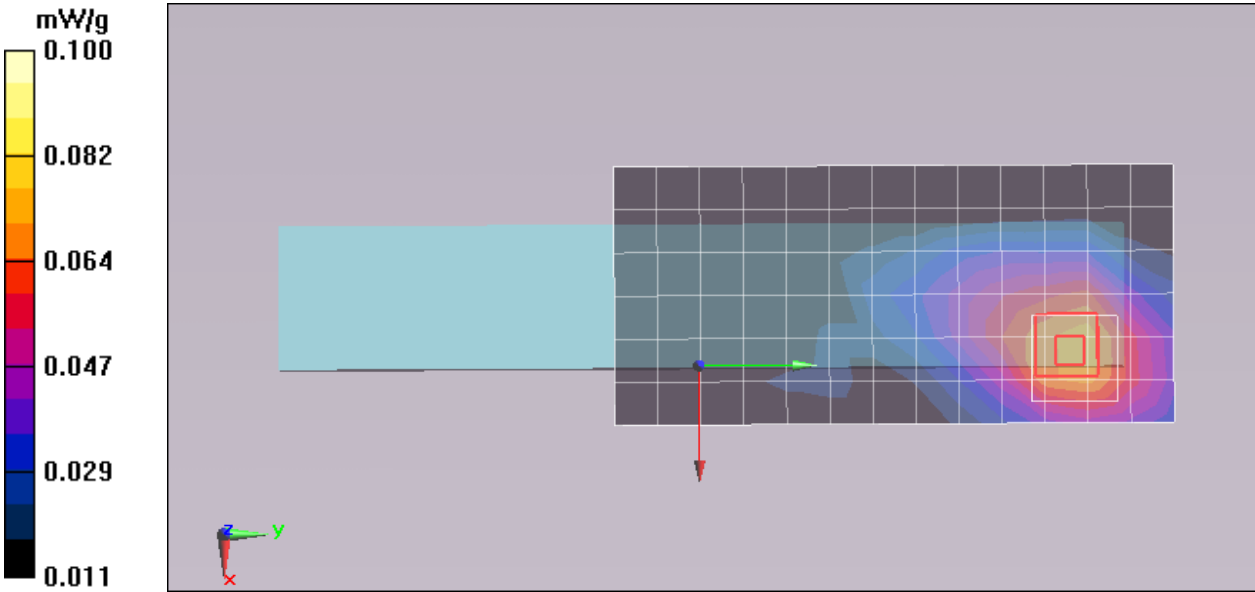
Communication System: LTE Band13; Frequency: 784.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 784.5$ MHz; $\sigma = 0.973$ mho/m; $\epsilon_r = 54.579$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 High Ch23255 5M RB1 Start0 QPSK/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0751 mW/g

Edge1 High Ch23255 5M RB1 Start0 QPSK/Zoom Scan (7x7x9)/Cube 0: Measurement grid:
dx=5mm, dy=5mm, dz=3mm
Reference Value = 3.968 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.101 mW/g
SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.043 mW/g
Maximum value of SAR (measured) = 0.0822 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23255 QPSK RB1 Star12 5M_Edge 1

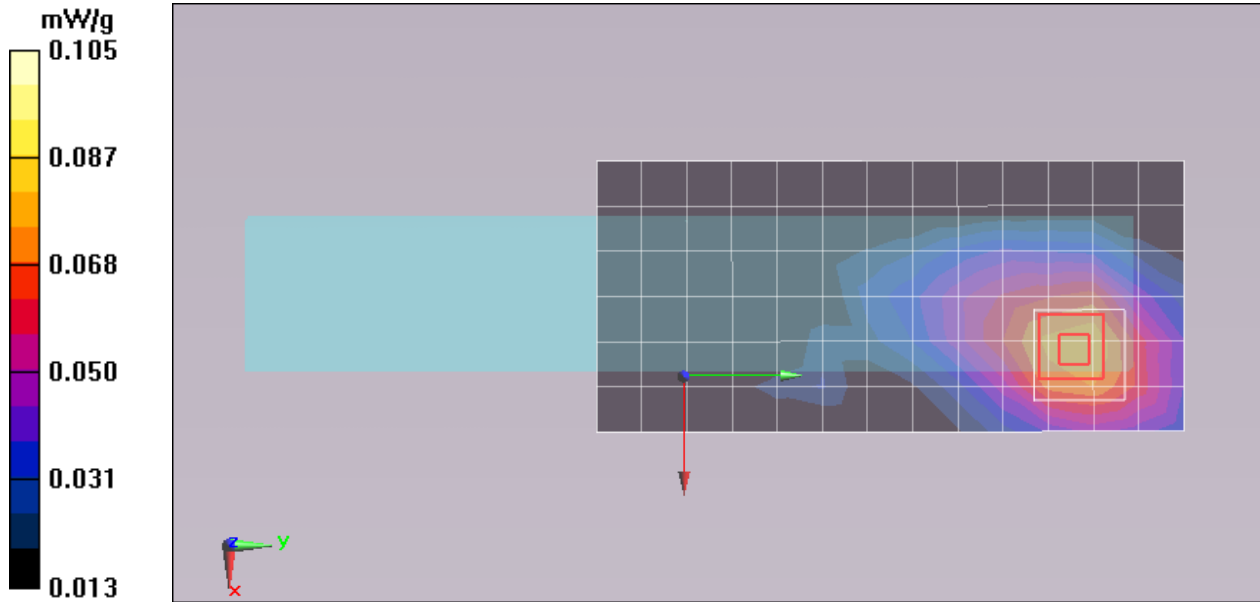
Communication System: LTE Band13; Frequency: 784.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 784.5$ MHz; $\sigma = 0.973$ mho/m; $\epsilon_r = 54.579$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 High Ch23255 5M RB1 Start12 QPSK/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0810 mW/g

Edge1 High Ch23255 5M RB1 Start12 QPSK/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 4.165 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.106 mW/g
SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.046 mW/g
Maximum value of SAR (measured) = 0.0883 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23255 QPSK RB1 Star24 5M_Edge 1

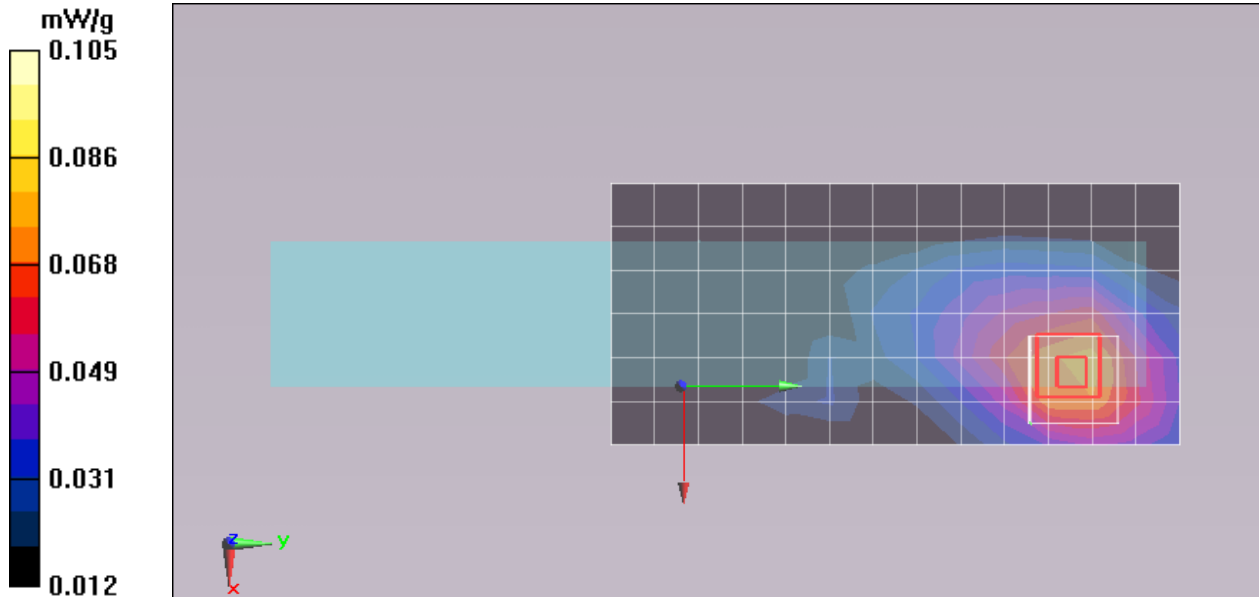
Communication System: LTE Band13; Frequency: 784.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 784.5$ MHz; $\sigma = 0.973$ mho/m; $\epsilon_r = 54.579$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 High Ch23255 5M RB1 Start24 QPSK/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0782 mW/g

Edge1 High Ch23255 5M RB1 Start24 QPSK/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 4.129 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.102 mW/g
SAR(1 g) = **0.064 mW/g**; SAR(10 g) = **0.045 mW/g**
Maximum value of SAR (measured) = 0.0842 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23255 16QAM RB1 Star0 5M_Edge 1

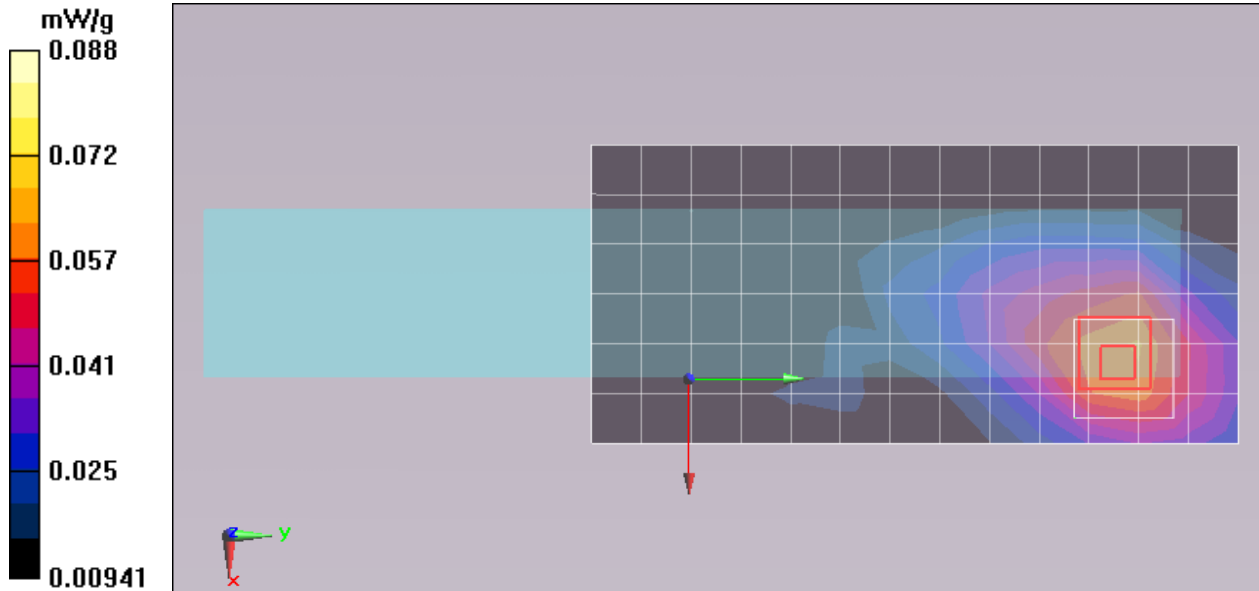
Communication System: LTE Band13; Frequency: 784.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 784.5$ MHz; $\sigma = 0.973$ mho/m; $\epsilon_r = 54.579$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 High Ch23255 5M RB1 Start0 16QAM/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0628 mW/g

Edge1 High Ch23255 5M RB1 Start0 16QAM/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 3.686 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.086 mW/g
SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.036 mW/g
Maximum value of SAR (measured) = 0.0694 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23255 16QAM RB1 Star12 5M_Edge 1

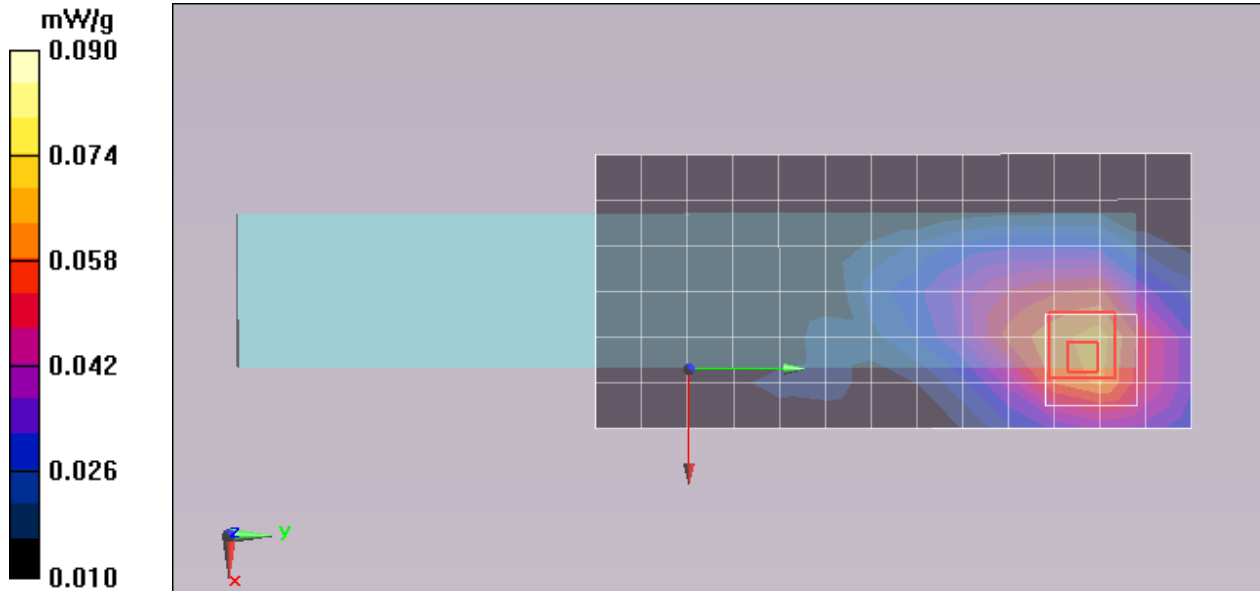
Communication System: LTE Band13; Frequency: 784.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 784.5$ MHz; $\sigma = 0.973$ mho/m; $\epsilon_r = 54.579$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 High Ch23255 5M RB1 Start12 16QAM/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0664 mW/g

Edge1 High Ch23255 5M RB1 Start12 16QAM/Zoom Scan 2 (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 3.868 V/m; Power Drift = -0.014 dB
Peak SAR (extrapolated) = 0.083 mW/g
SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.037 mW/g
Maximum value of SAR (measured) = 0.0697 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23255 16QAM RB1 Star24 5M_Edge 1

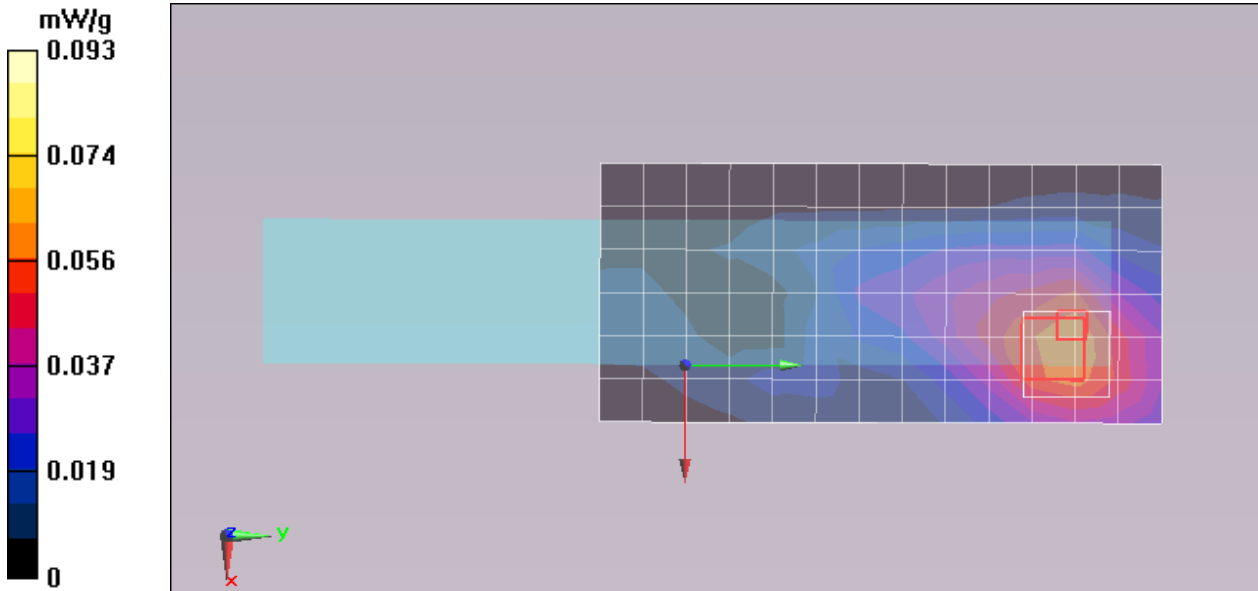
Communication System: LTE Band13; Frequency: 784.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 784.5$ MHz; $\sigma = 0.973$ mho/m; $\epsilon_r = 54.579$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 High Ch23255 5M RB1 Start24 16QAM/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0627 mW/g

Edge1 High Ch23255 5M RB1 Start24 16QAM/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 3.395 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.126 mW/g
SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.032 mW/g
Maximum value of SAR (measured) = 0.0740 mW/g



Test Laboratory: Compliance Certification Services Inc.

CDMA Cellular CH1013 _Edge 1

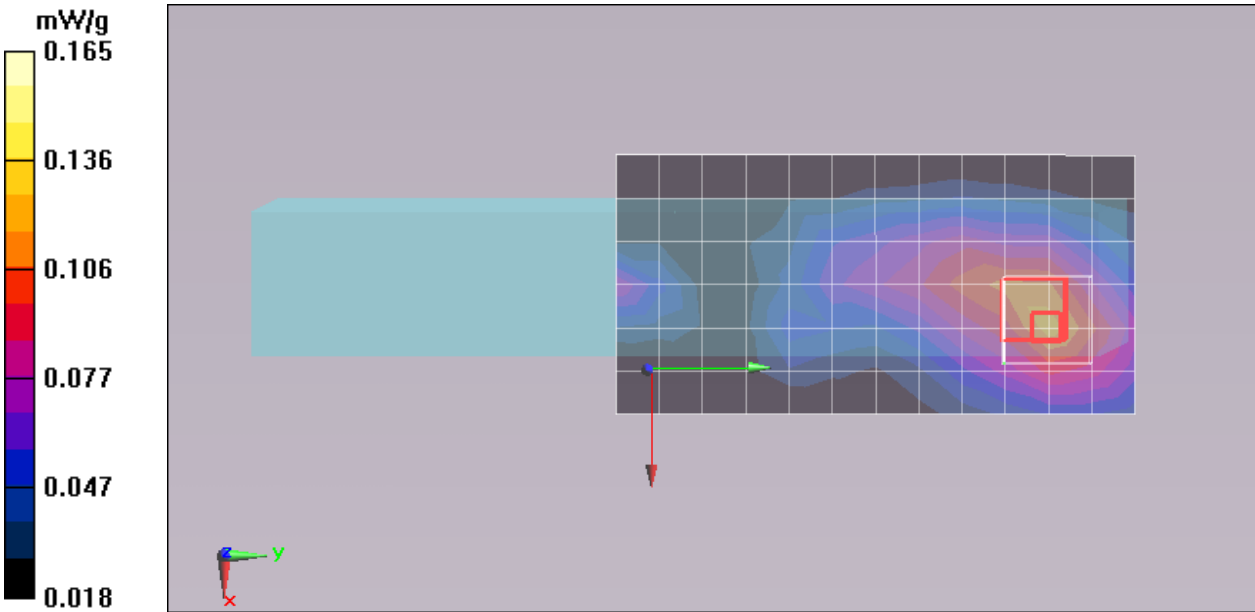
Communication System: CDMA Cellular; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 825$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r = 55.343$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: ES3DV3 - SN3296; ConvF(6.27, 6.27, 6.27); Calibrated: 2012/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge 1 Low Ch1013_EVDO/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.123 mW/g

Edge 1 Low Ch1013_EVDO/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 3.849 V/m; Power Drift = -0.128 dB
Peak SAR (extrapolated) = 0.185 mW/g
SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.077 mW/g
Maximum value of SAR (measured) = 0.129 mW/g



Test Laboratory: Compliance Certification Services Inc.

CDMA PCS CH1175 _Edge 1

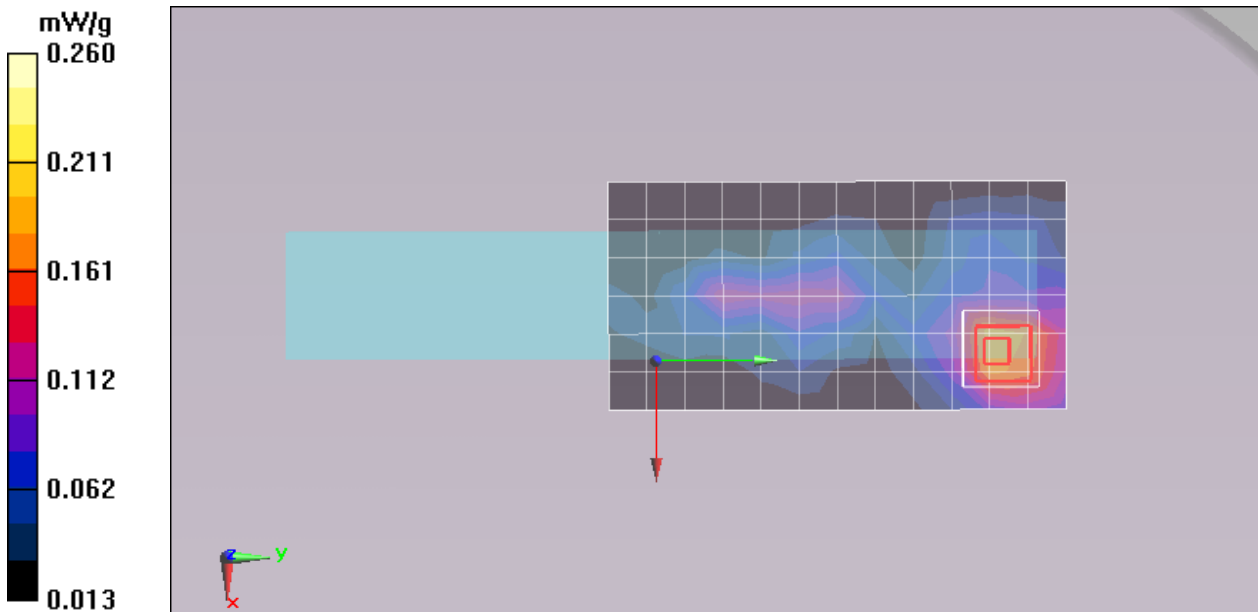
Communication System: CDMA PCS; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1909$ MHz; $\sigma = 1.572$ mho/m; $\epsilon_r = 53.158$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: ES3DV3 - SN3296; ConvF(4.96, 4.96, 4.96); Calibrated: 2012/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge 1 High Ch1175_EVDO/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.192 mW/g

Edge 1 High Ch1175_EVDO/Zoom Scan 2 (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 3.087 V/m; Power Drift = 0.134 dB
Peak SAR (extrapolated) = 0.391 mW/g
SAR(1 g) = 0.199 mW/g; SAR(10 g) = 0.113 mW/g
Maximum value of SAR (measured) = 0.246 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23230 QPSK RB25 Start12 10M_Edge 1

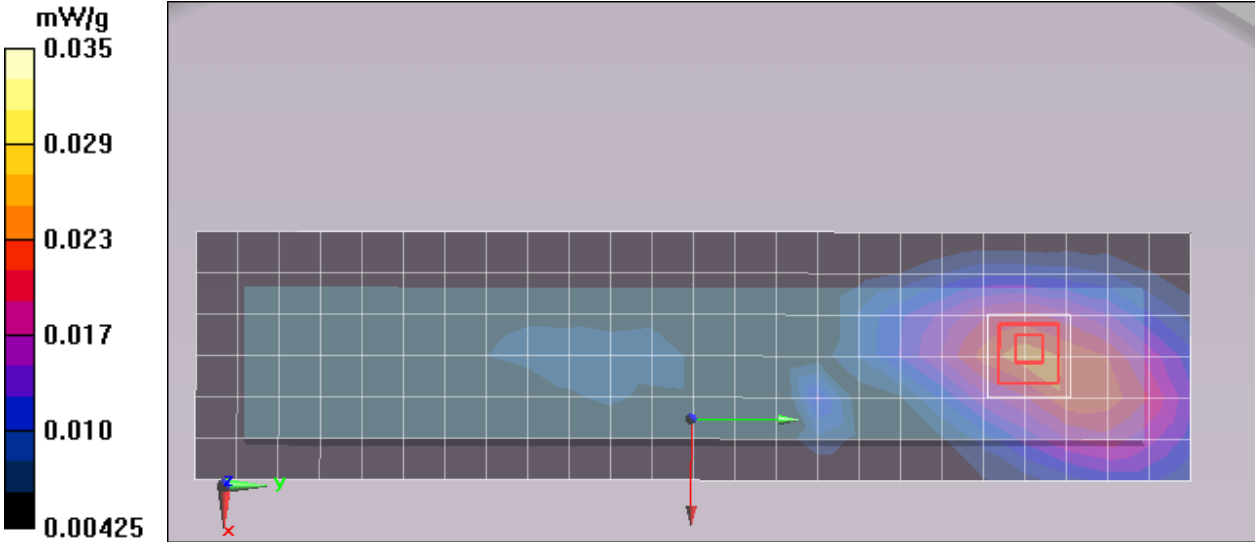
Communication System: LTE Band13; Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 54.602$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Middle Ch23230 10M RB25 Start12 QPSK/Area Scan (7x25x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0242 mW/g

Edge1 Middle Ch23230 10M RB25 Start12 QPSK/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 1.699 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.031 mW/g
SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.016 mW/g
Maximum value of SAR (measured) = 0.0250 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23230 QPSK RB1 Start0 10M_Edge 1

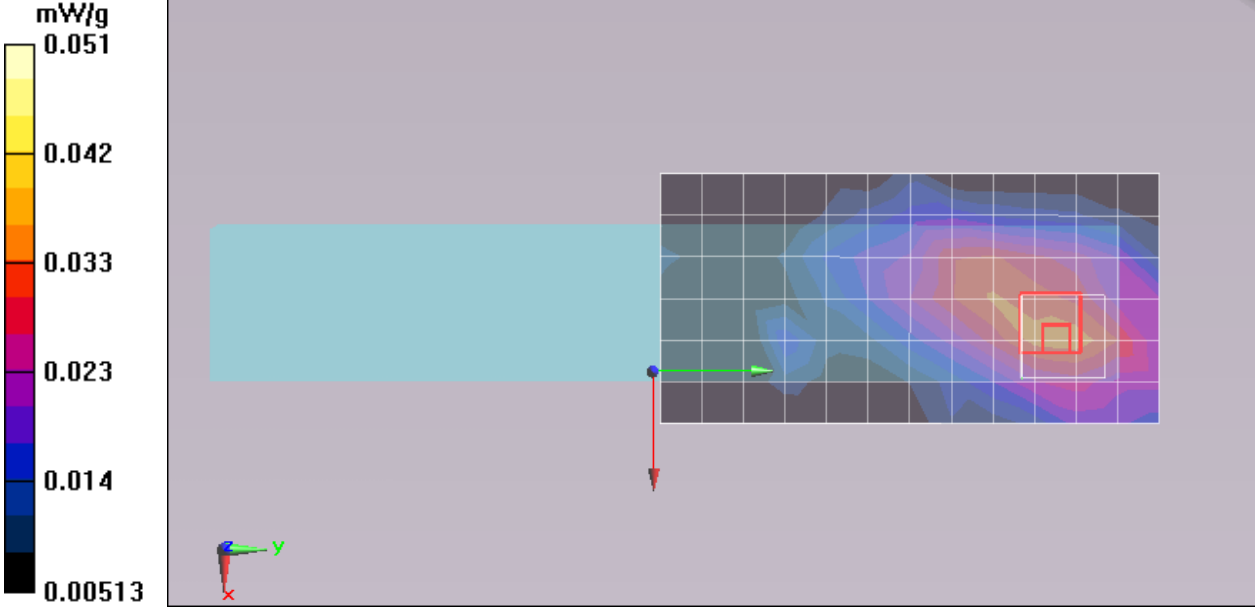
Communication System: LTE Band13; Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 54.602$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Middle Ch23230 10M RB1 Start0 QPSK/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0349 mW/g

Edge1 Middle Ch23230 10M RB1 Start0 QPSK/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 2.213 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.047 mW/g
SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.021 mW/g
Maximum value of SAR (measured) = 0.0336 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23230 QPSK RB1 Start25 10M_Edge 1

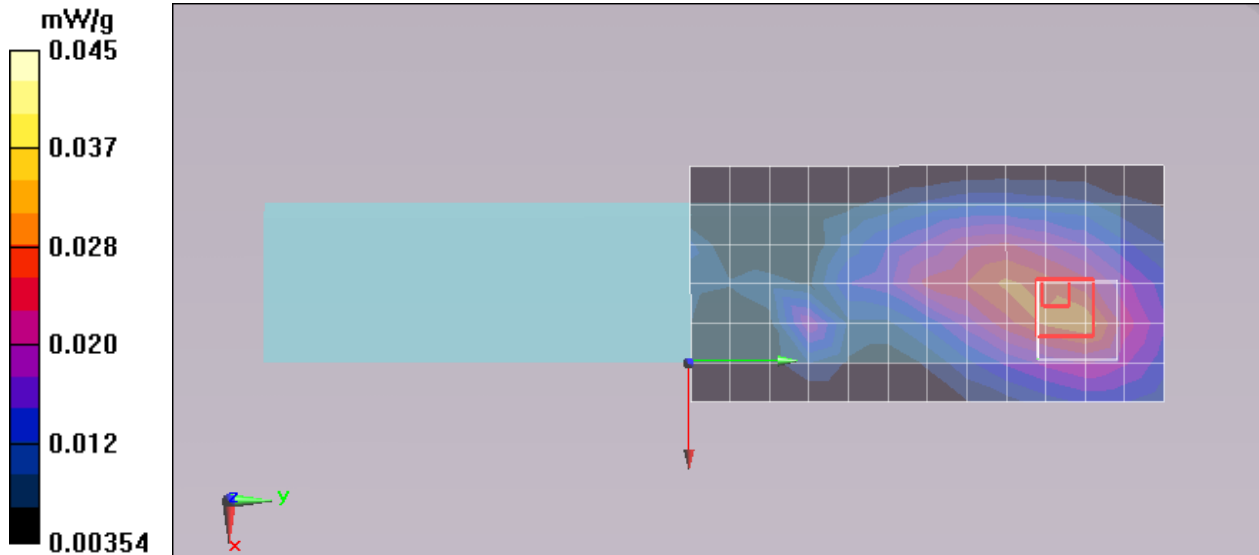
Communication System: LTE Band13; Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 54.602$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Middle Ch23230 10M RB1 Start25 QPSK/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0313 mW/g

Edge1 Middle Ch23230 10M RB1 Start25 QPSK/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 2.072 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.041 mW/g
SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.018 mW/g
Maximum value of SAR (measured) = 0.0305 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23230 QPSK RB1 Start49 10M_Edge 1

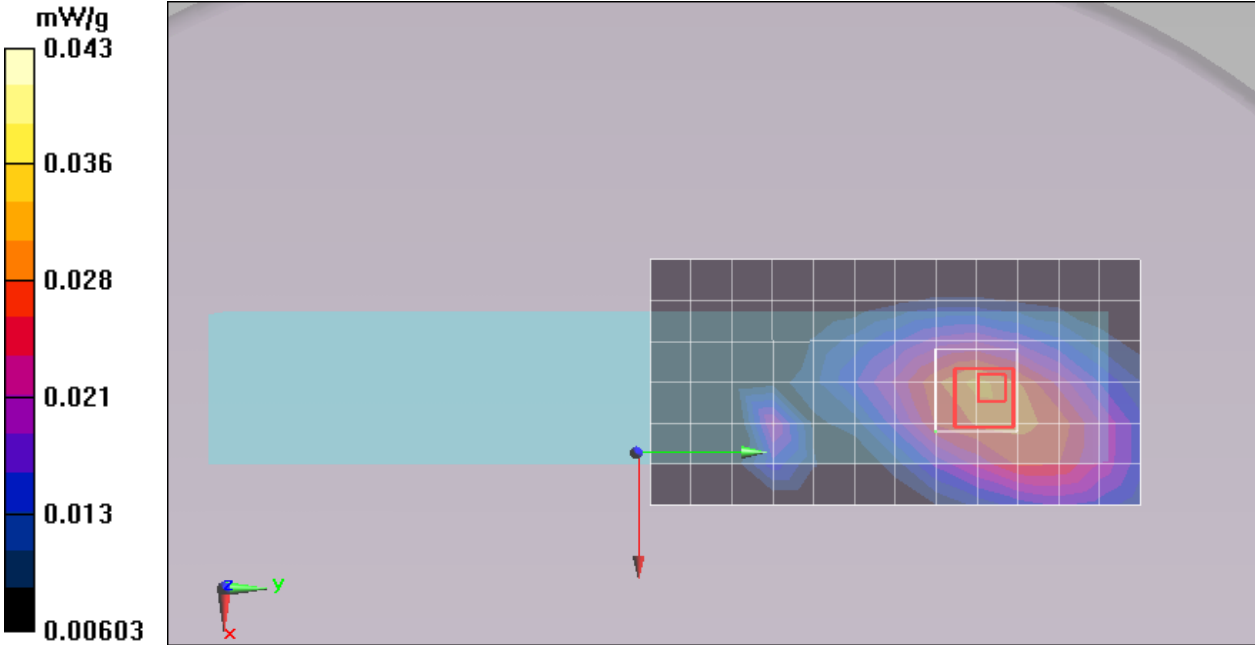
Communication System: LTE Band13; Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 54.602$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Middle Ch23230 10M RB1 Start49 QPSK/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0318 mW/g

Edge1 Middle Ch23230 10M RB1 Start49 QPSK/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 2.765 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.043 mW/g
SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.023 mW/g
Maximum value of SAR (measured) = 0.0362 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23230 QPSK RB50 Start0 10M_Edge 1

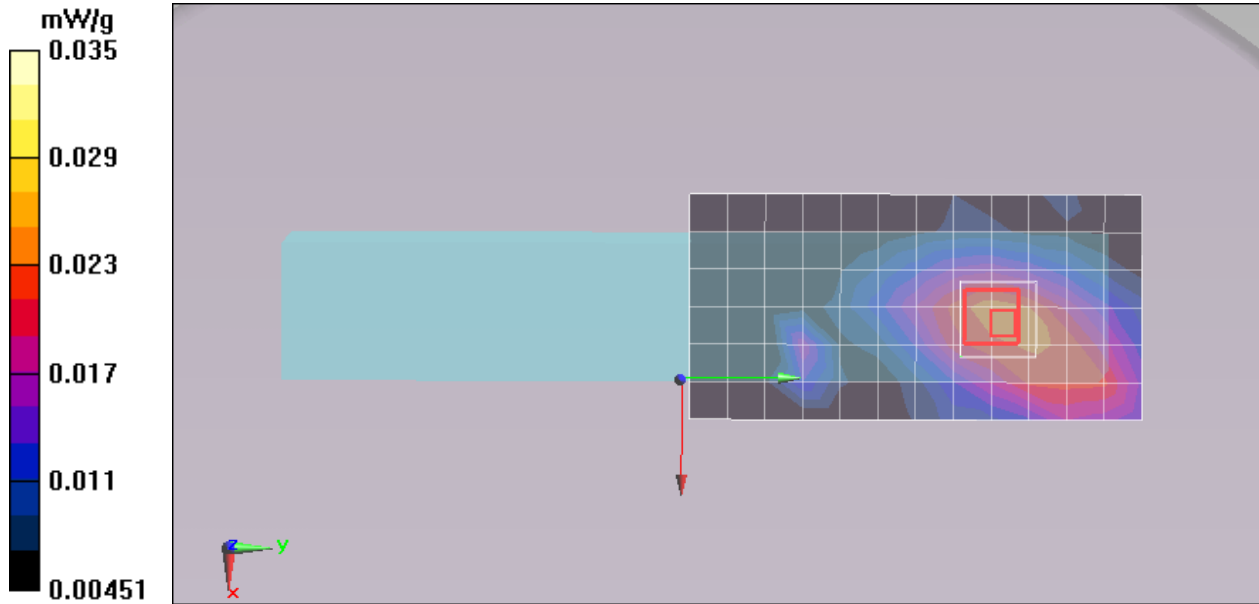
Communication System: LTE Band13; Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 54.602$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Middle Ch23230 10M RB50 Start0 QPSK/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0245 mW/g

Edge1 Middle Ch23230 10M RB50 Start0 QPSK/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 1.991 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.033 mW/g
SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.018 mW/g
Maximum value of SAR (measured) = 0.0296 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23230 16QAM RB1 Start0 10M_Edge 1

Communication System: LTE Band13; Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 54.602$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Middle Ch23230 10M RB1 Start0 16QAM/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0258 mW/g

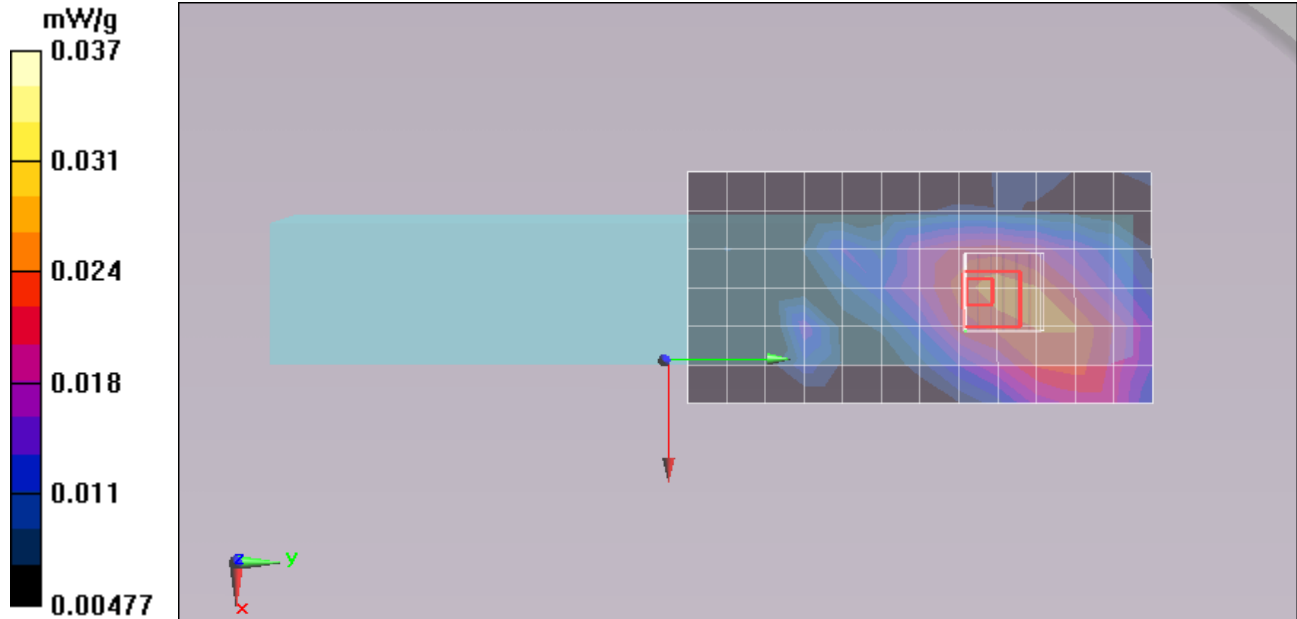
Edge1 Middle Ch23230 10M RB1 Start0 16QAM/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.063 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.038 mW/g

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.019 mW/g

Maximum value of SAR (measured) = 0.0307 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23230 16QAM RB1 Start25 10M_Edge 1

Communication System: LTE Band13; Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 54.602$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

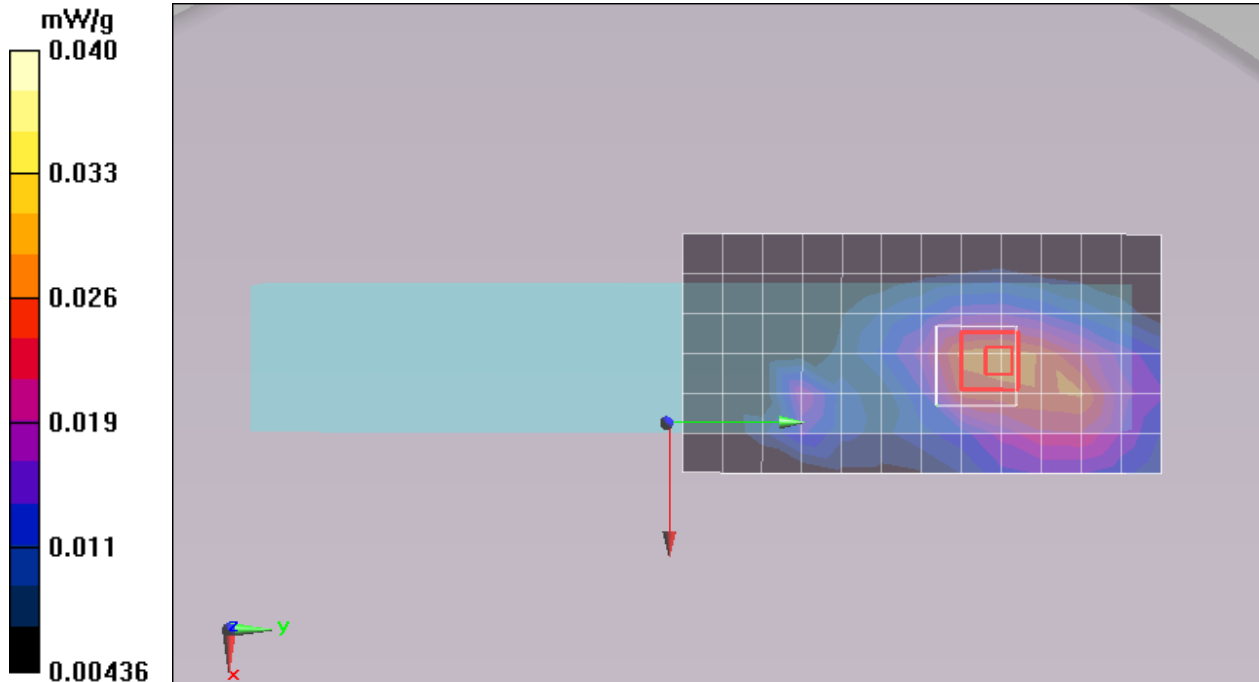
- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Middle Ch23230 10M RB1 Start25 16QAM/Area Scan (7x13x1):

Measurement grid:
 $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.0276 mW/g

Edge1 Middle Ch23230 10M RB1 Start25 16QAM/Zoom Scan (7x7x9)/Cube 0:

Measurement
grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=3\text{mm}$
Reference Value = 2.508 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.042 mW/g
SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.018 mW/g
Maximum value of SAR (measured) = 0.0295 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23230 16QAM RB1 Start49 10M_Edge 1

Communication System: LTE Band13; Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 54.602$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

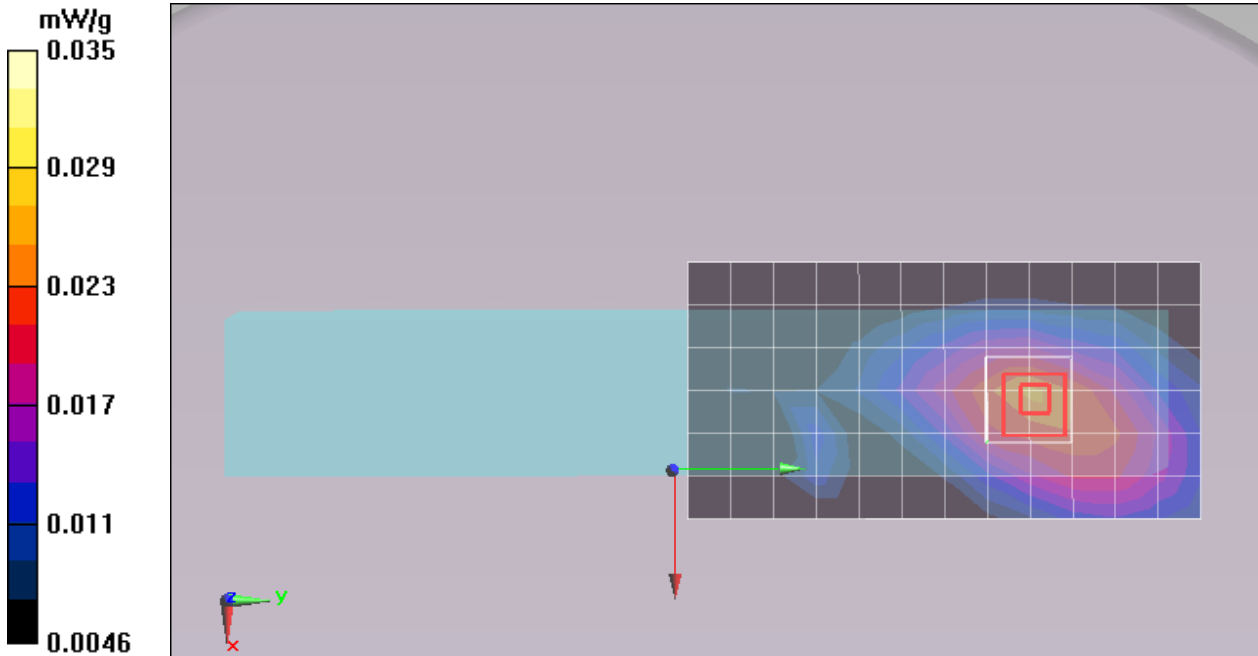
- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Middle Ch23230 10M RB1 Start49 16QAM/Area Scan (7x13x1): Measurement grid:

$dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.0258 mW/g

Edge1 Middle Ch23230 10M RB1 Start49 16QAM/Zoom Scan (7x7x9)/Cube 0: Measurement

grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=3\text{mm}$
Reference Value = 2.160 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.034 mW/g
SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.018 mW/g
Maximum value of SAR (measured) = 0.0298 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23230 16QAM RB50 Start0 10M_Edge 1

Communication System: LTE Band13; Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 54.602$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

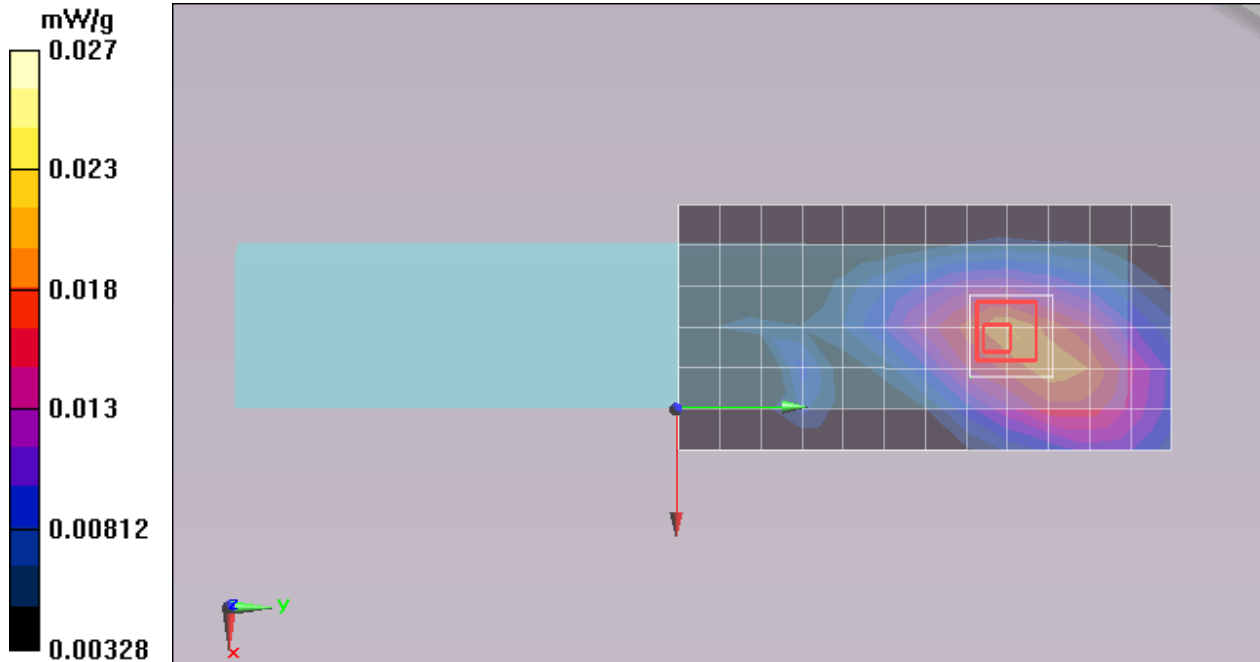
- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Middle Ch23230 10M RB50 Start0 16QAM/Area Scan (7x13x1): Measurement grid:

$dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.0197 mW/g

Edge1 Middle Ch23230 10M RB50 Start0 16QAM/Zoom Scan (7x7x9)/Cube 0: Measurement

grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=3\text{mm}$
Reference Value = 1.894 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.027 mW/g
SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.015 mW/g
Maximum value of SAR (measured) = 0.0234 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23205 QPSK RB1 Start0 5M_Edge 1

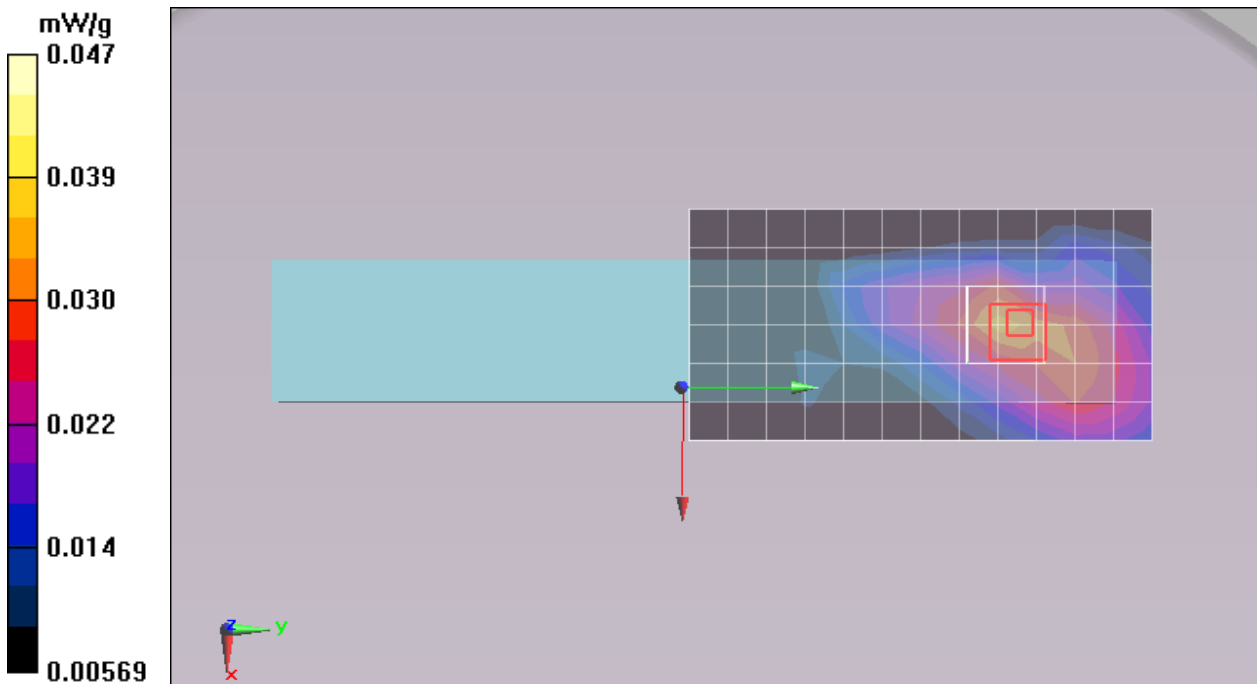
Communication System: LTE Band13; Frequency: 779.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 779.5$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 54.625$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Low Ch23205 5M RB1 Start0 QPSK/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0349 mW/g

Edge1 Low Ch23205 5M RB1 Start0 QPSK/Zoom Scan (7x7x9)/Cube 0: Measurement grid:
dx=5mm, dy=5mm, dz=3mm
Reference Value = 2.027 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.047 mW/g
SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.023 mW/g
Maximum value of SAR (measured) = 0.0366 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23205 QPSK RB1 Start12 5M_Edge 1

Communication System: LTE Band13; Frequency: 779.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 779.5$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 54.625$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

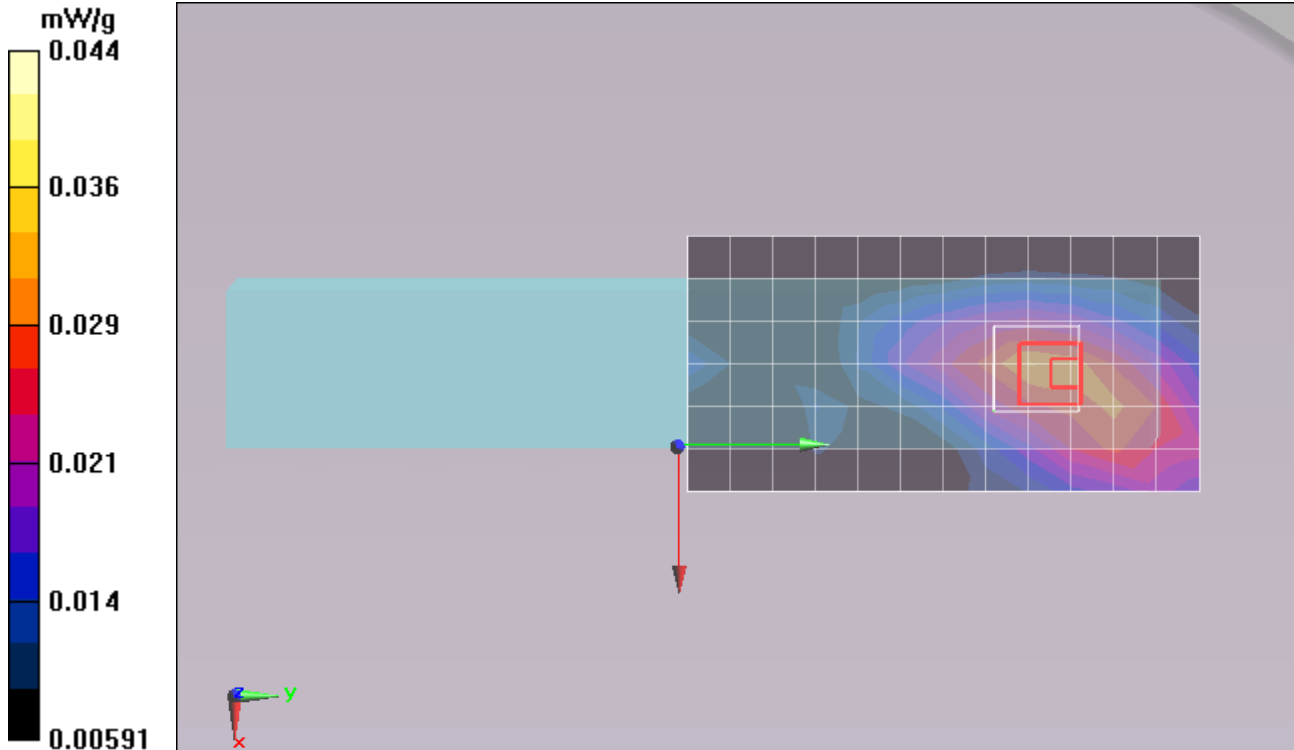
- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Low Ch23205 5M RB1 Start12 QPSK/Area Scan (7x13x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0317 mW/g

Edge1 Low Ch23205 5M RB1 Start12 QPSK/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 1.995 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.042 mW/g
SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.022 mW/g
Maximum value of SAR (measured) = 0.0355 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23205 QPSK RB1 Start24 5M_Edge 1

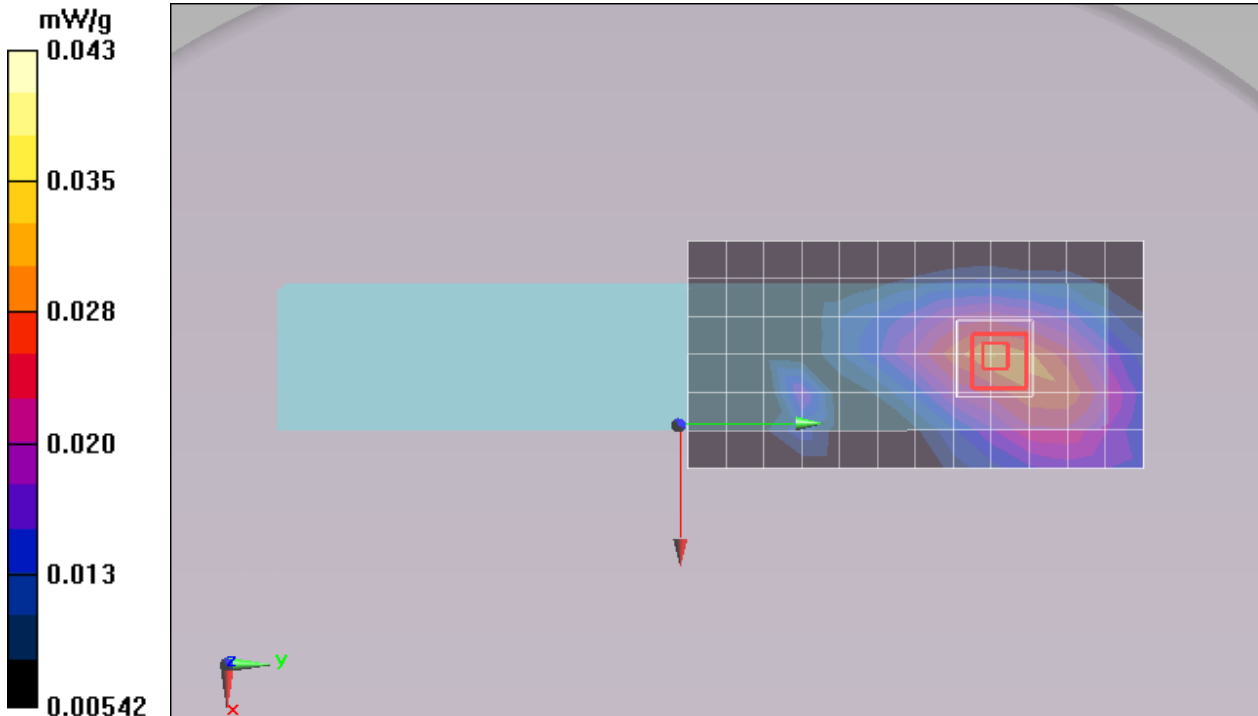
Communication System: LTE Band13; Frequency: 779.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 779.5$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 54.625$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Low Ch23205 5M RB1 Start24 QPSK/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0308 mW/g

Edge1 Low Ch23205 5M RB1 Start24 QPSK/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 1.428 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.039 mW/g
SAR(1 g) = **0.027 mW/g**; SAR(10 g) = **0.020 mW/g**
Maximum value of SAR (measured) = 0.0306 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23205 16QAM RB1 Start0 5M_Edge 1

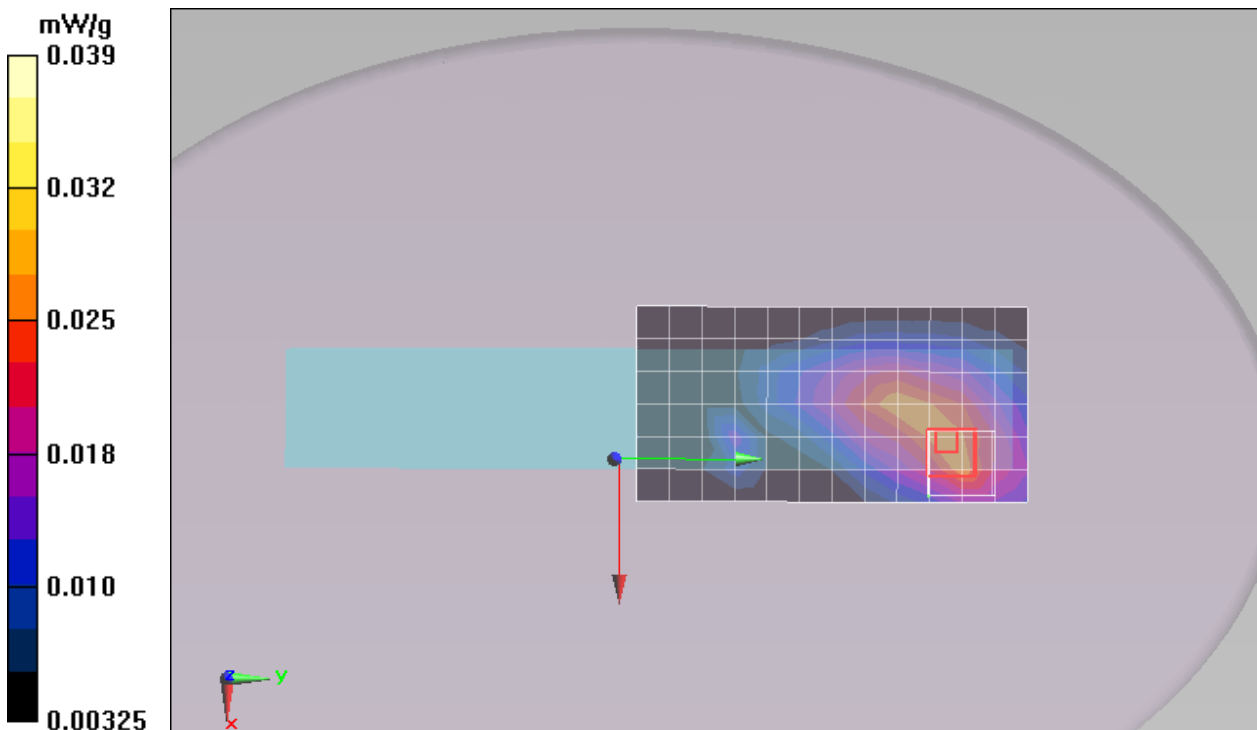
Communication System: LTE Band13; Frequency: 779.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 779.5$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 54.625$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Low Ch23205 5M RB1 Start0 16QAM/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0272 mW/g

Edge1 Low Ch23205 5M RB1 Start0 16QAM/Zoom Scan (7x7x9)/Cube 0: Measurement grid:
dx=5mm, dy=5mm, dz=3mm
Reference Value = 2.083 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.037 mW/g
SAR(1 g) = **0.024 mW/g**; SAR(10 g) = **0.016 mW/g**
Maximum value of SAR (measured) = 0.0273 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23205 16QAM RB1 Start12 5M_Edge 1

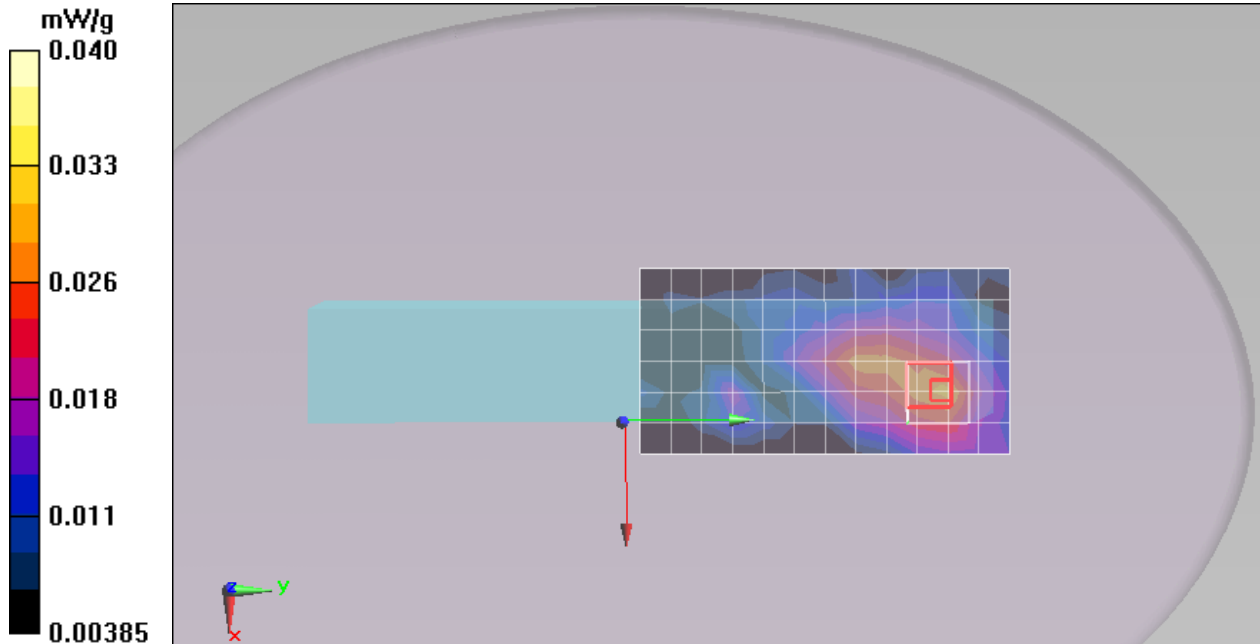
Communication System: LTE Band13; Frequency: 779.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 779.5$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 54.625$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Low Ch23205 5M RB1 Start12 16QAM/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0292 mW/g

Edge1 Low Ch23205 5M RB1 Start12 16QAM/Zoom Scan (7x7x9)/Cube 0: Measurement grid:
dx=5mm, dy=5mm, dz=3mm
Reference Value = 2.073 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.046 mW/g
SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.017 mW/g
Maximum value of SAR (measured) = 0.0295 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23205 16QAM RB1 Start24 5M_Edge 1

Communication System: LTE Band13; Frequency: 779.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 779.5$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 54.625$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

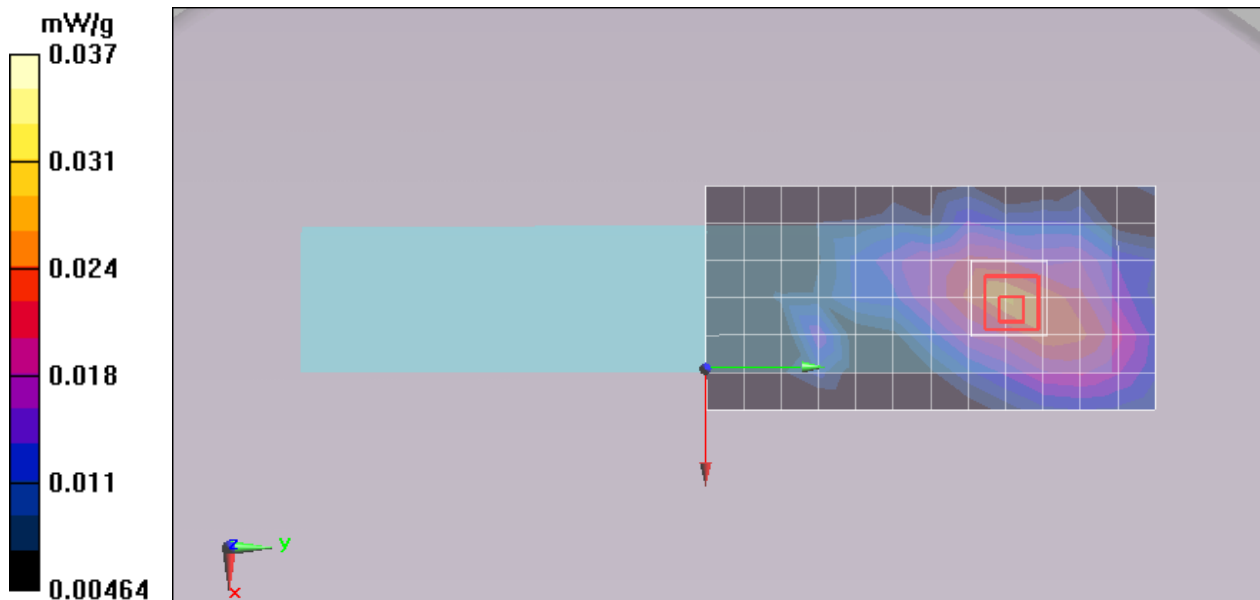
- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Low Ch23205 5M RB1 Start24 16QAM/Area Scan (7x13x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0270 mW/g

Edge1 Low Ch23205 5M RB1 Start24 16QAM/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 2.101 V/m; Power Drift = 0.122 dB
Peak SAR (extrapolated) = 0.033 mW/g
SAR(1 g) = **0.024 mW/g**; SAR(10 g) = **0.018 mW/g**
Maximum value of SAR (measured) = 0.0292 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23230 QPSK RB1 Start0 5M_Edge 1

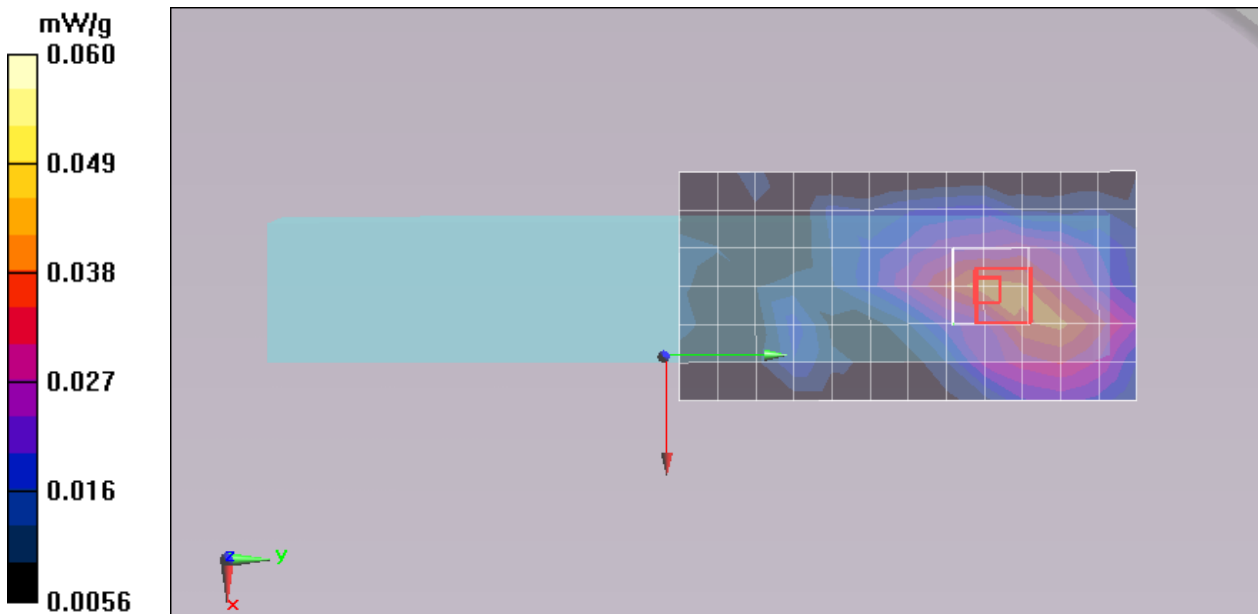
Communication System: LTE Band13; Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 54.602$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Low Ch23230 5M RB1 Start0 QPSK/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0411 mW/g

Edge1 Low Ch23230 5M RB1 Start0 QPSK/Zoom Scan (7x7x9)/Cube 0: Measurement grid:
dx=5mm, dy=5mm, dz=3mm
Reference Value = 2.342 V/m; Power Drift = -0.103 dB
Peak SAR (extrapolated) = 0.053 mW/g
SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.026 mW/g
Maximum value of SAR (measured) = 0.0406 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23230 QPSK RB1 Start12 5M_Edge 1

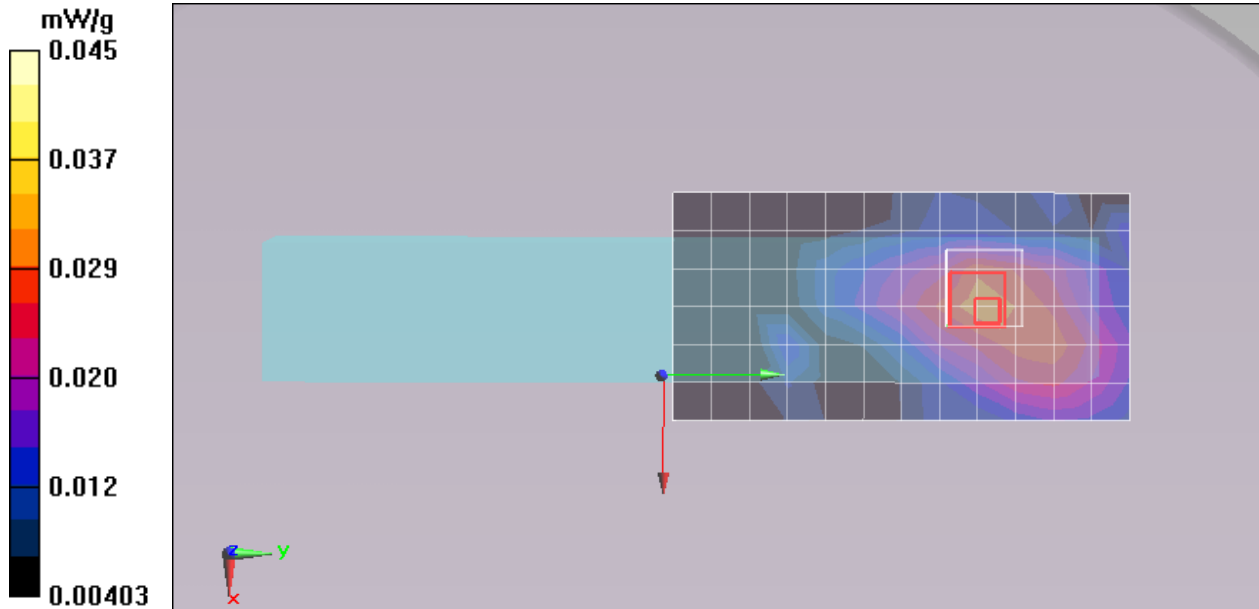
Communication System: LTE Band13; Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 54.602$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Low Ch23230 5M RB1 Start12 QPSK/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0308 mW/g

Edge1 Low Ch23230 5M RB1 Start12 QPSK/Zoom Scan 2 (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 2.914 V/m; Power Drift = -0.118 dB
Peak SAR (extrapolated) = 0.039 mW/g
SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.020 mW/g
Maximum value of SAR (measured) = 0.0337 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23230 QPSK RB1 Start24 5M_Edge 1

Communication System: LTE Band13; Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 54.602$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

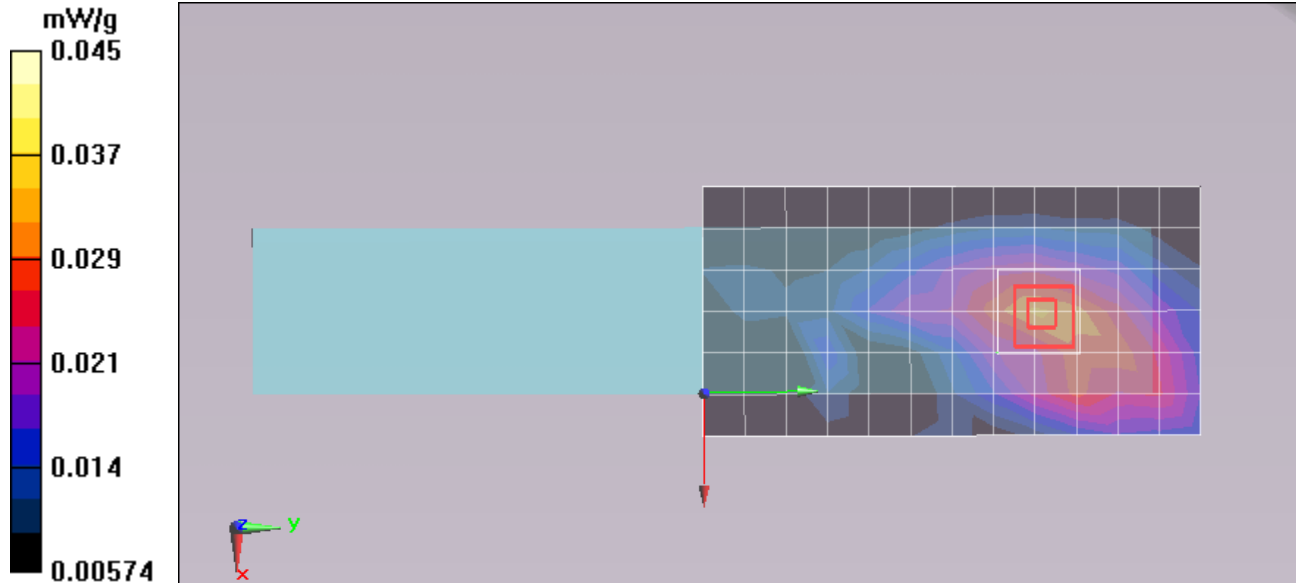
- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Low Ch23230 5M RB1 Start24 QPSK/Area Scan (7x13x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0328 mW/g

Edge1 Low Ch23230 5M RB1 Start24 QPSK/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 2.929 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.043 mW/g
SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.021 mW/g
Maximum value of SAR (measured) = 0.0332 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23230 16QAM RB1 Start0 5M_Edge 1

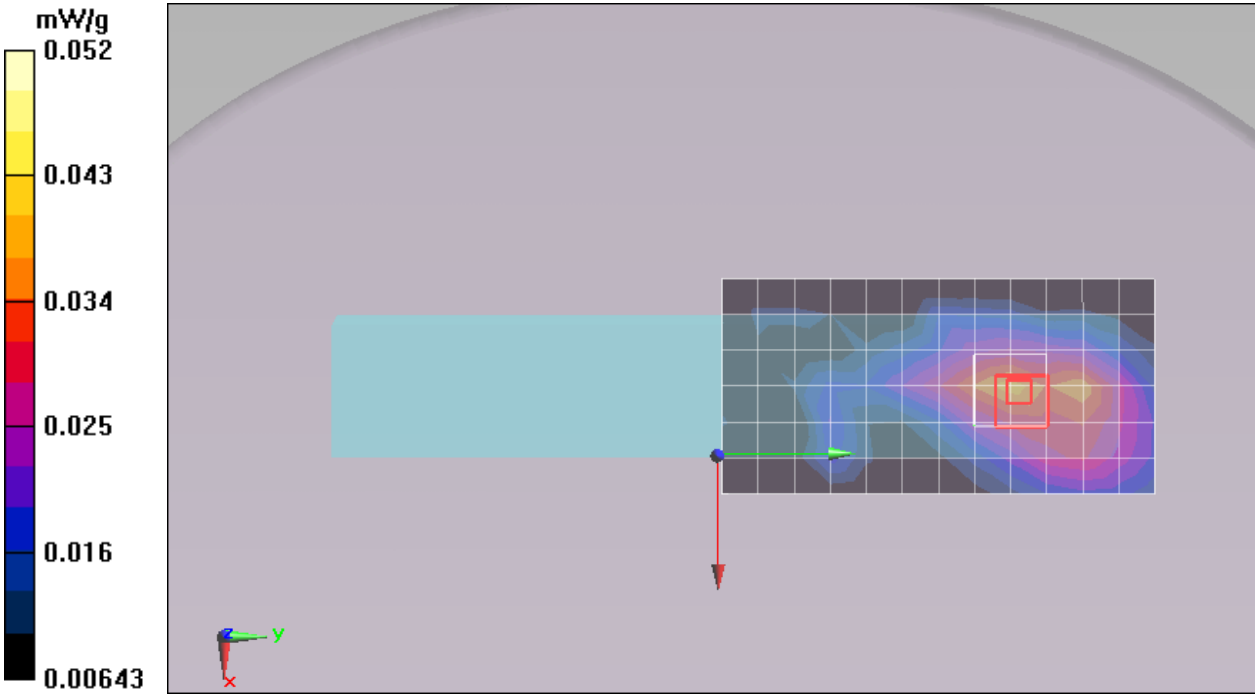
Communication System: LTE Band13; Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 54.602$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Low Ch23230 5M RB1 Start0 16QAM/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0392 mW/g

Edge1 Low Ch23230 5M RB1 Start0 16QAM/Zoom Scan (7x7x9)/Cube 0: Measurement grid:
dx=5mm, dy=5mm, dz=3mm
Reference Value = 2.528 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.046 mW/g
SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.023 mW/g
Maximum value of SAR (measured) = 0.0397 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23230 16QAM RB1 Start12 5M_Edge 1

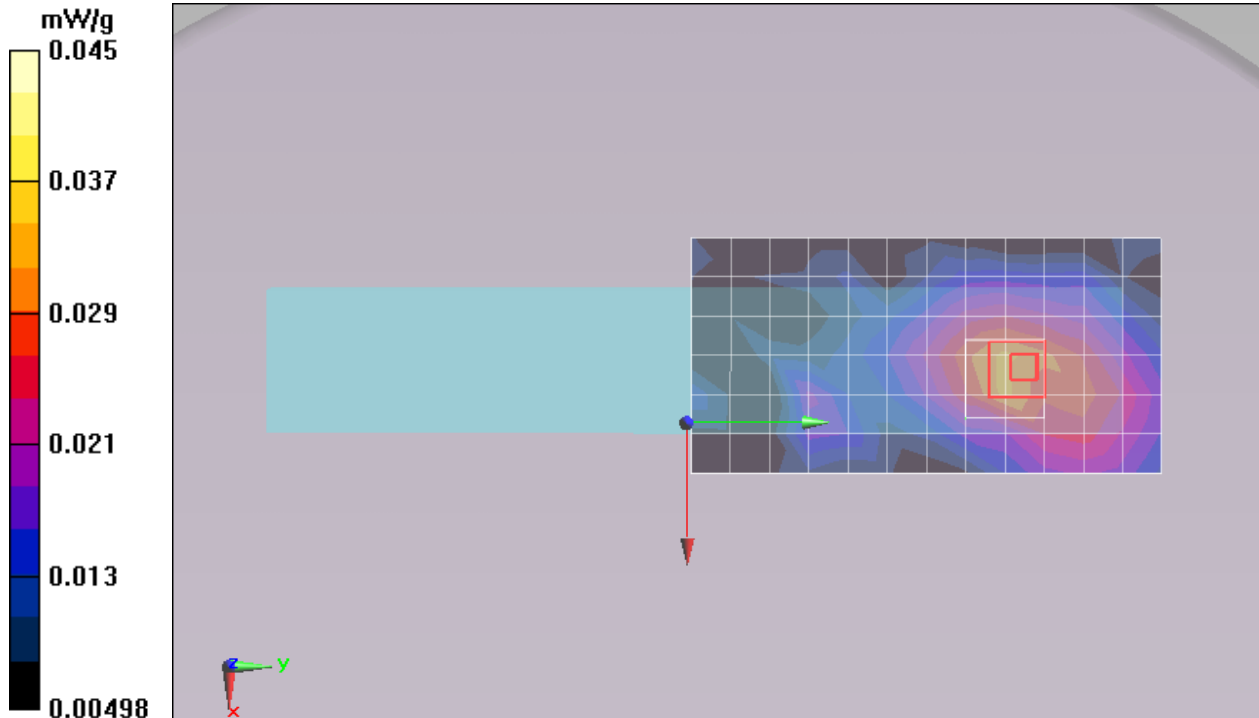
Communication System: LTE Band13; Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 54.602$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Low Ch23230 5M RB1 Start12 16QAM/Area Scan (7x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.0328 mW/g

Edge1 Low Ch23230 5M RB1 Start12 16QAM/Zoom Scan (7x7x9)/Cube 0: Measurement grid:
 $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=3\text{mm}$
Reference Value = 2.286 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.043 mW/g
SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.022 mW/g
Maximum value of SAR (measured) = 0.0358 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23230 16QAM RB1 Start24 5M_Edge 1

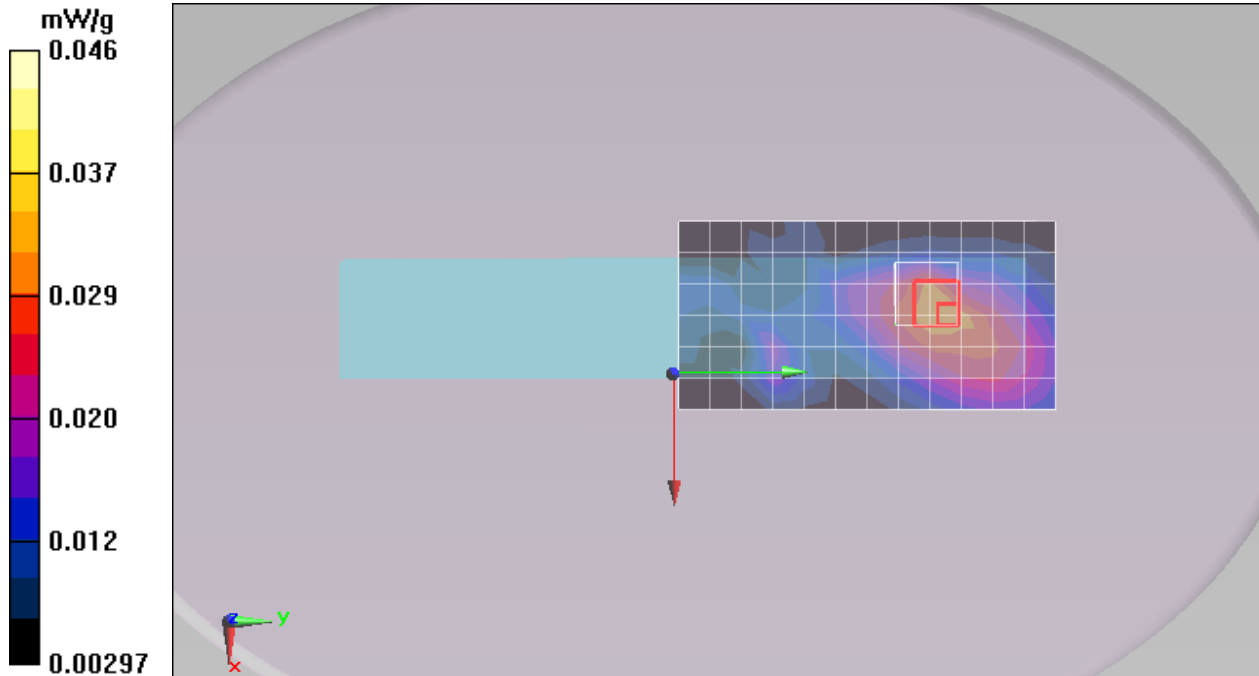
Communication System: LTE Band13; Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 54.602$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 Low Ch23230 5M RB1 Start24 16QAM/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0318 mW/g

Edge1 Low Ch23230 5M RB1 Start24 16QAM/Zoom Scan (7x7x9)/Cube 0: Measurement grid:
dx=5mm, dy=5mm, dz=3mm
Reference Value = 3.332 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.040 mW/g
SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.020 mW/g
Maximum value of SAR (measured) = 0.0342 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23255 QPSK RB1 Start0 5M_Edge 1

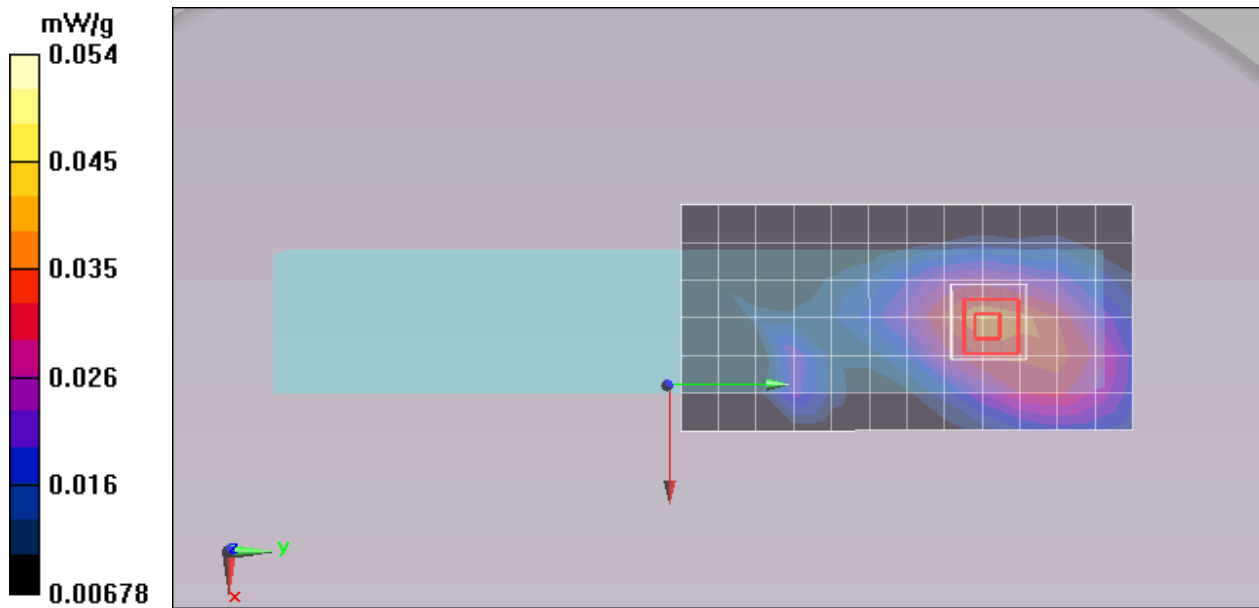
Communication System: LTE Band13; Frequency: 784.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 784.5$ MHz; $\sigma = 0.973$ mho/m; $\epsilon_r = 54.579$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 High Ch23255 5M RB1 Start0 QPSK/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0389 mW/g

Edge1 High Ch23255 5M RB1 Start0 QPSK/Zoom Scan 2 (7x7x9)/Cube 0: Measurement grid:
dx=5mm, dy=5mm, dz=3mm
Reference Value = 2.599 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.050 mW/g
SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.026 mW/g
Maximum value of SAR (measured) = 0.0422 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23255 QPSK RB1 Start12 5M_Edge 1

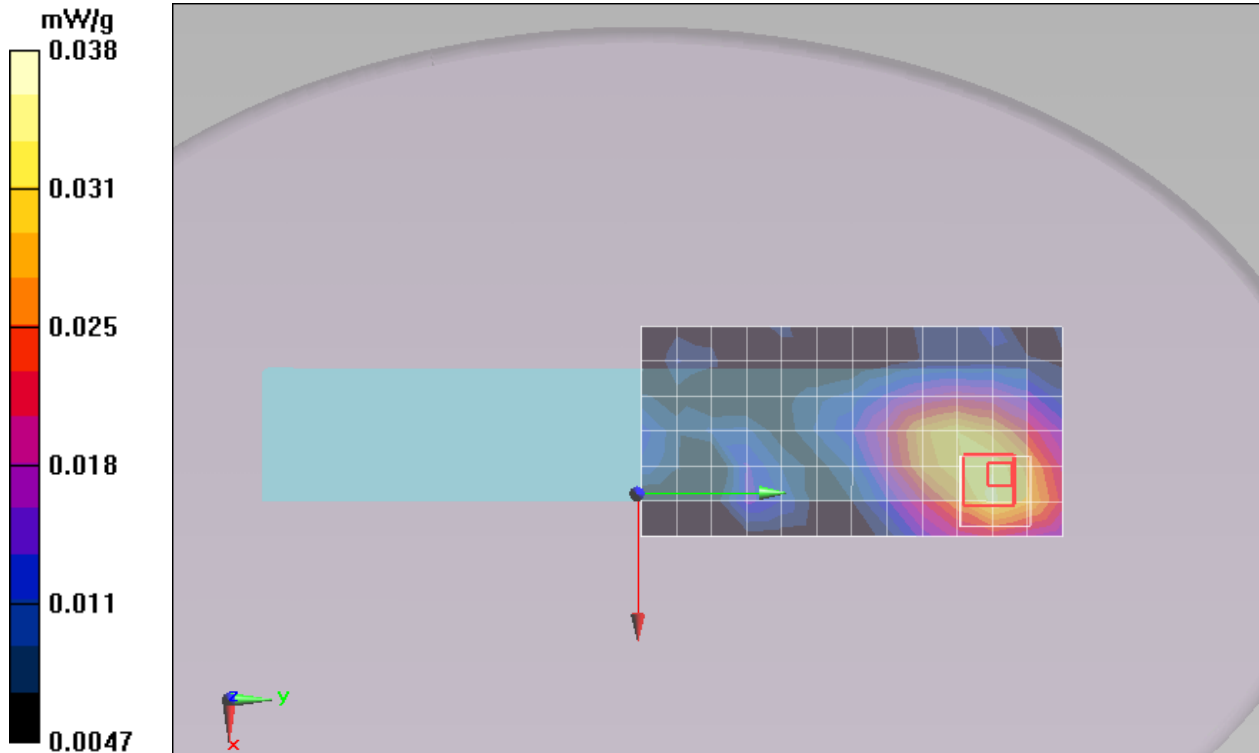
Communication System: LTE Band13; Frequency: 784.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 784.5$ MHz; $\sigma = 0.973$ mho/m; $\epsilon_r = 54.579$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 High Ch23255 5M RB1 Start12 QPSK/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0343 mW/g

Edge1 High Ch23255 5M RB1 Start12 QPSK/Zoom Scan (7x7x9)/Cube 0: Measurement grid:
dx=5mm, dy=5mm, dz=3mm
Reference Value = 2.571 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.045 mW/g
SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.022 mW/g
Maximum value of SAR (measured) = 0.0379 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23255 QPSK RB1 Start24 5M_Edge 1

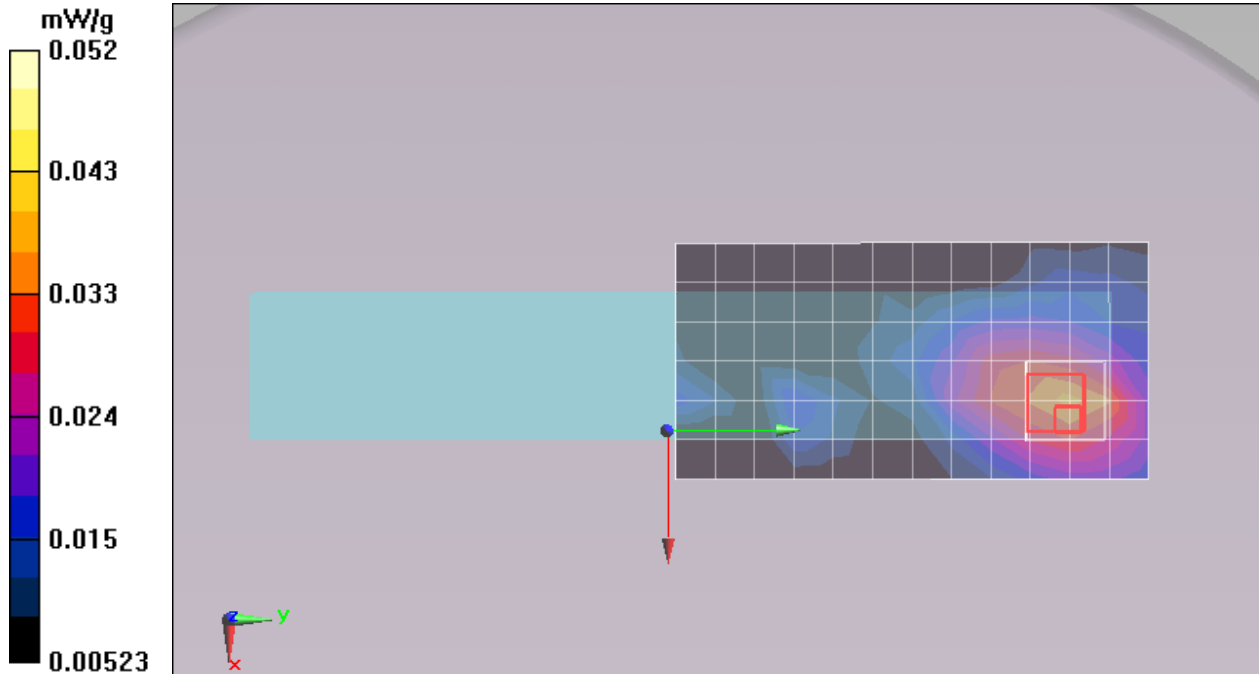
Communication System: LTE Band13; Frequency: 784.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 784.5$ MHz; $\sigma = 0.973$ mho/m; $\epsilon_r = 54.579$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 High Ch23255 5M RB1 Start24 QPSK/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0378 mW/g

Edge1 High Ch23255 5M RB1 Start24 QPSK/Zoom Scan 2 (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 3.158 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.058 mW/g
SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.023 mW/g
Maximum value of SAR (measured) = 0.0393 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23255 16QAM RB1 Start0 5M_Edge 1

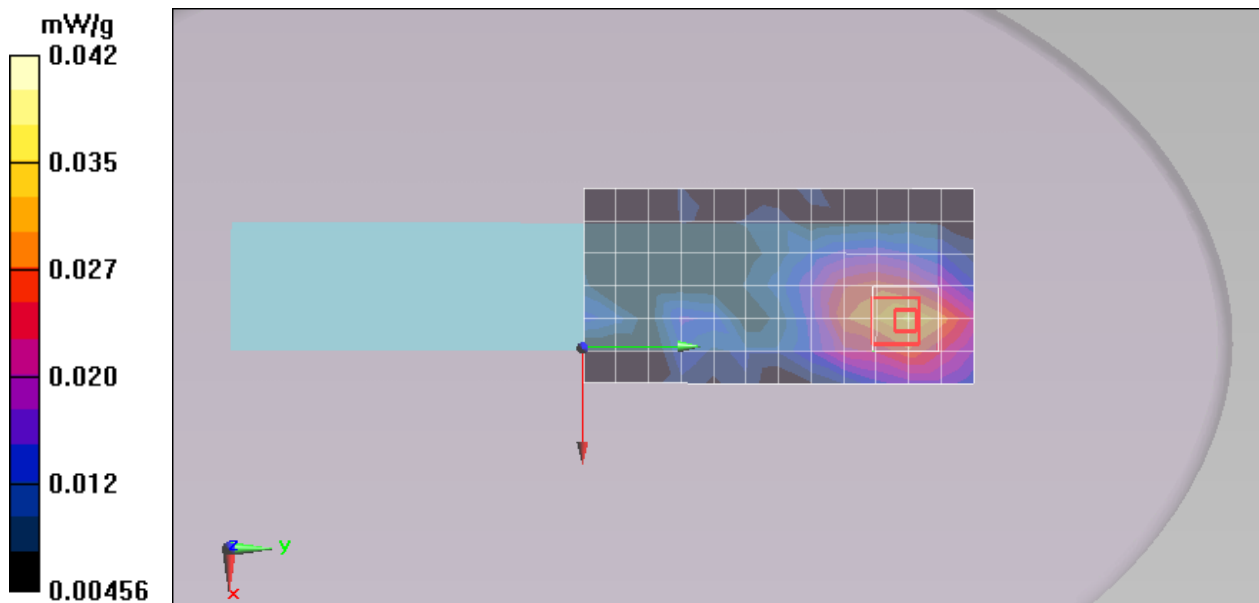
Communication System: LTE Band13; Frequency: 784.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 784.5$ MHz; $\sigma = 0.973$ mho/m; $\epsilon_r = 54.579$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 High Ch23255 5M RB1 Start0 16QAM/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0328 mW/g

Edge1 High Ch23255 5M RB1 Start0 16QAM/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 2.152 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.041 mW/g
SAR(1 g) = **0.026 mW/g**; SAR(10 g) = **0.019 mW/g**
Maximum value of SAR (measured) = 0.0305 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23255 16QAM RB1 Start12 5M_Edge 1

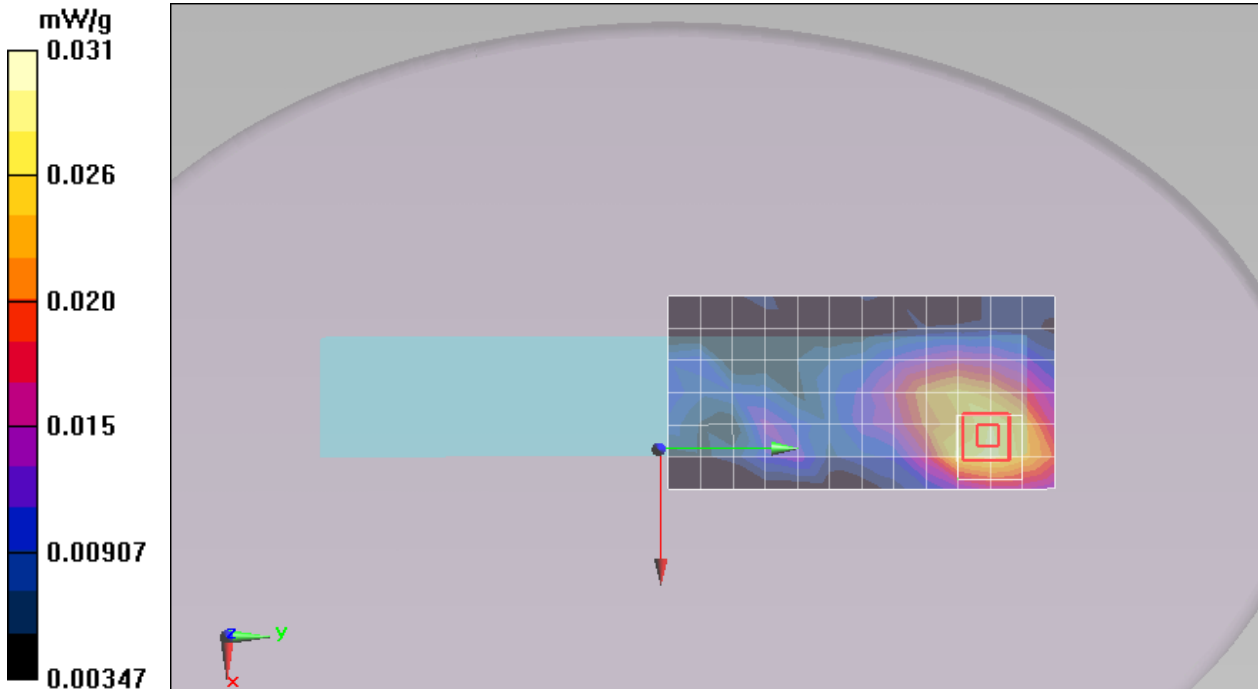
Communication System: LTE Band13; Frequency: 784.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 784.5$ MHz; $\sigma = 0.973$ mho/m; $\epsilon_r = 54.579$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 High Ch23255 5M RB1 Start12 16QAM/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0287 mW/g

Edge1 High Ch23255 5M RB1 Start12 16QAM/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 2.963 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.044 mW/g
SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.018 mW/g
Maximum value of SAR (measured) = 0.0315 mW/g



Test Laboratory: Compliance Certification Services Inc.

LTE Band 13 CH23255 16QAM RB1 Start24 5M_Edge 1

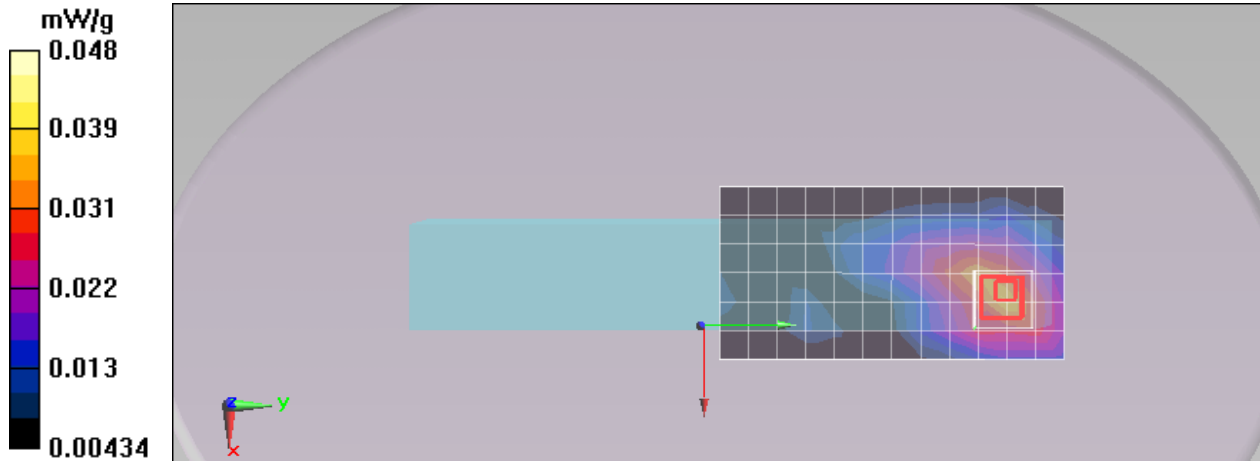
Communication System: LTE Band13; Frequency: 784.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 784.5$ MHz; $\sigma = 0.973$ mho/m; $\epsilon_r = 54.579$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: EX3DV4 - SN3665; ConvF(9.9, 9.9, 9.9); Calibrated: 2012/4/27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2012/3/16
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge1 High Ch23255 5M RB1 Start24 16QAM/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0371 mW/g

Edge1 High Ch23255 5M RB1 Start24 16QAM/Zoom Scan 2 (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 2.242 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.051 mW/g
SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.022 mW/g
Maximum value of SAR (measured) = 0.0374 mW/g



Test Laboratory: Compliance Certification Services Inc.

CDMA Cellular CH1013 _Edge 1

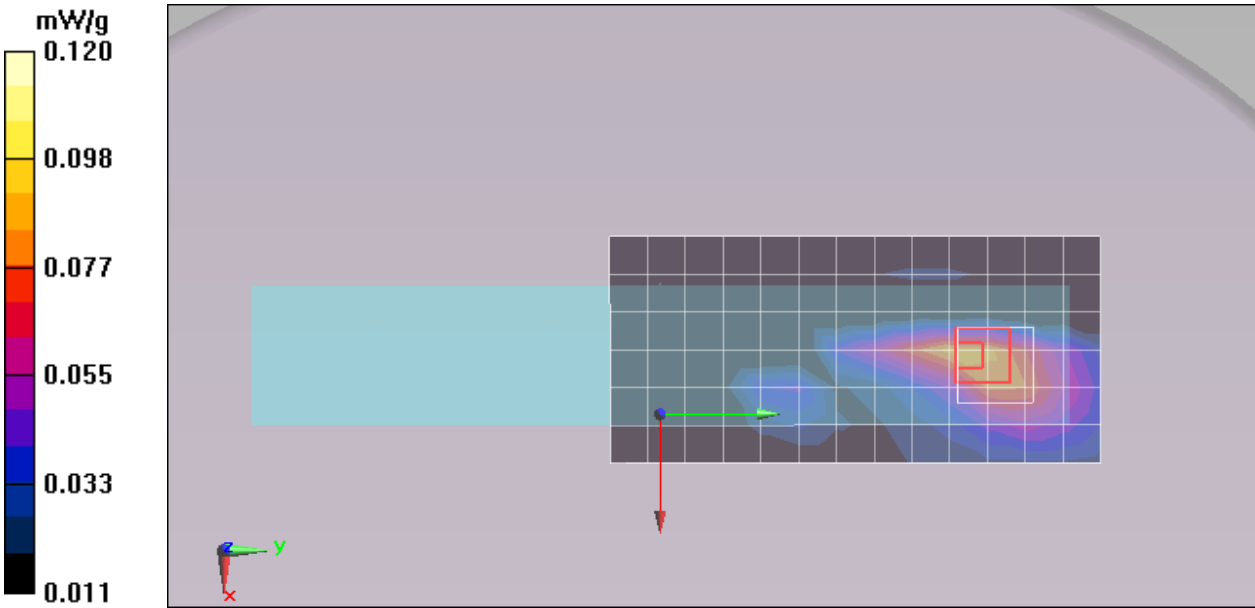
Communication System: CDMA Cellular; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 825$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r = 55.343$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: ES3DV3 - SN3296; ConvF(6.27, 6.27, 6.27); Calibrated: 2012/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/29
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge 1 Low Ch1013_EVDO/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0882 mW/g

Edge 1 Low Ch1013_EVDO/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 2.896 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.136 mW/g
SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.055 mW/g
Maximum value of SAR (measured) = 0.0930 mW/g



Test Laboratory: Compliance Certification Services Inc.

CDMA PCS CH1175 _Edge 1

Communication System: CDMA PCS; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1909$ MHz; $\sigma = 1.572$ mho/m; $\epsilon_r = 53.158$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY Configuration:

- Probe: ES3DV3 - SN3296; ConvF(4.96, 4.96, 4.96); Calibrated: 2012/4/10;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY52, Version 52.8 (1)SEMCAD X Version 14.6.5 (6469)

Edge 1 High Ch1175_EVDO/Area Scan (7x13x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.315 mW/g

Edge 1 High Ch1175_EVDO/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 1.897 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.454 mW/g
SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.159 mW/g
Maximum value of SAR (measured) = 0.322 mW/g

