APPENDIX 1 : SAR Measurement data

1. Evaluation procedure

The evaluation was performed with the following procedure:

Step 1: Measurement of the E-field at a fixed location above the ear point or central position of flat phantom was used as a reference value for assessing the power drop.

Step 2: The SAR distribution at the exposed side of head or body position was measured at a distance of each device from the inner surface of the shell. The area covered the entire dimension of the antenna of EUT and the horizontal grid spacing was 15 mm x 15 mm (or 10mm x 10mm). Based on these data, the area of the maximum absorption was determined by spline interpolation.

Step 3: Around this point found in the Step 2 (area scan) , a volume of 30mm x 30mm x 30mm or more was assessed by measuring 7 x 7 x 7 points at least. And for any secondary peaks found in the Step2 which are within 2dB of maximum peak and not with this Step3 (Zoom scan) is repeated. On the basis of this data set, the spatial peak SAR value was evaluated under the following procedure:

(1). The data at the surface were extrapolated, since the center of the dipoles is 1mm(EX3DV3) away from the tip of the probe and the distance between the surface and the lowest measuring point is 1.3 mm. The extrapolation was based on a least square algorithm [4]. A polynomial of the fourth order was calculated through the points in z-axes.
This polynomial was then used to evaluate the points between the surface and the probe tip.

(2). The maximum interpolated value was searched with a straightforward algorithm. Around this maximum the SAR values averaged over the spatial volumes (1 g or 10 g) were computed by the 3D-Spline interpolation algorithm. The 3D-Spline is composed of three one-dimensional splines with the “Not a knot"-condition (in x, y and z-directions) [4], [5]. The volume was integrated with the trapezoidal-algorithm. One thousand points (10 x 10 x 10) were interpolated to calculate the average.

(3). All neighboring volumes were evaluated until no neighboring volume with a higher average value was found.

Step 4: Re-measurement of the E-field at the same location as in Step 1.

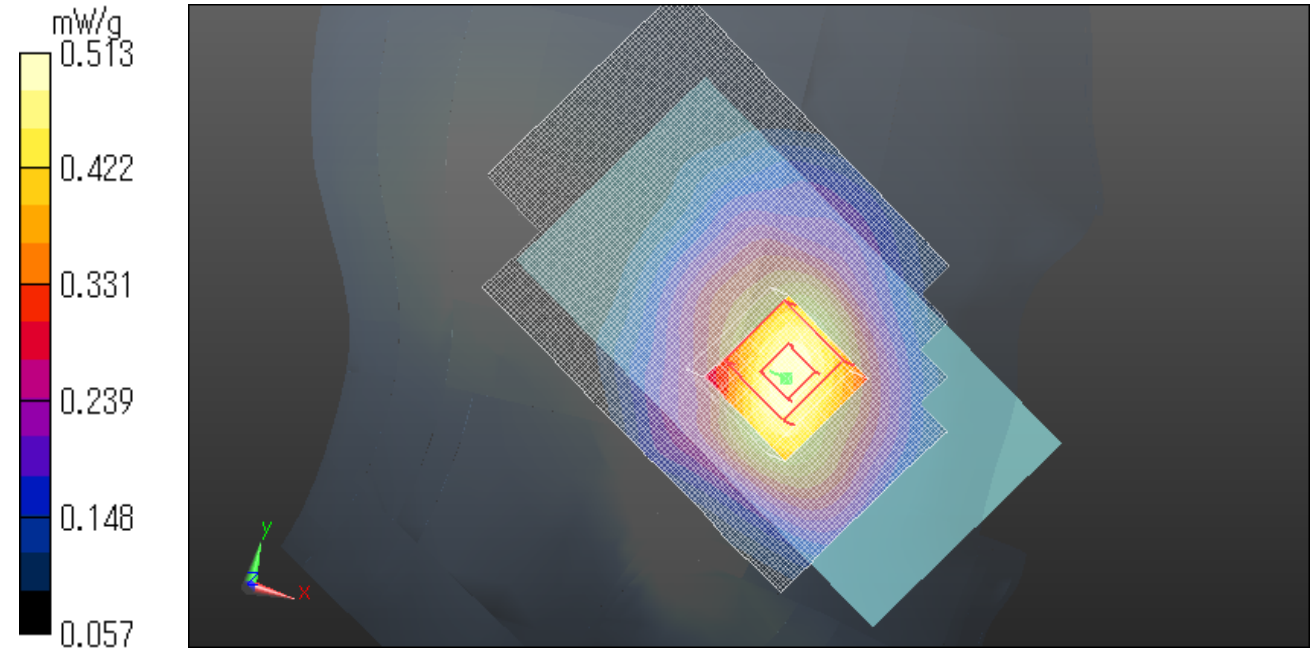
2. Measurement data

【GSM850 Head】

KMP7R4E1-2A_GSM850(GSM)_848.8MHz_Left_Cheek
Communication System: GSM850; Communication System Band: Exported from older format (data unavailable - please correct).; Frequency: 848.8 MHz;Duty Cycle: 1:8.30042
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.886 mho/m; ε_r = 41.514; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.39, 9.39, 9.39); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: SAM with CRP; Type: SAM;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (91x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.515 mW/g

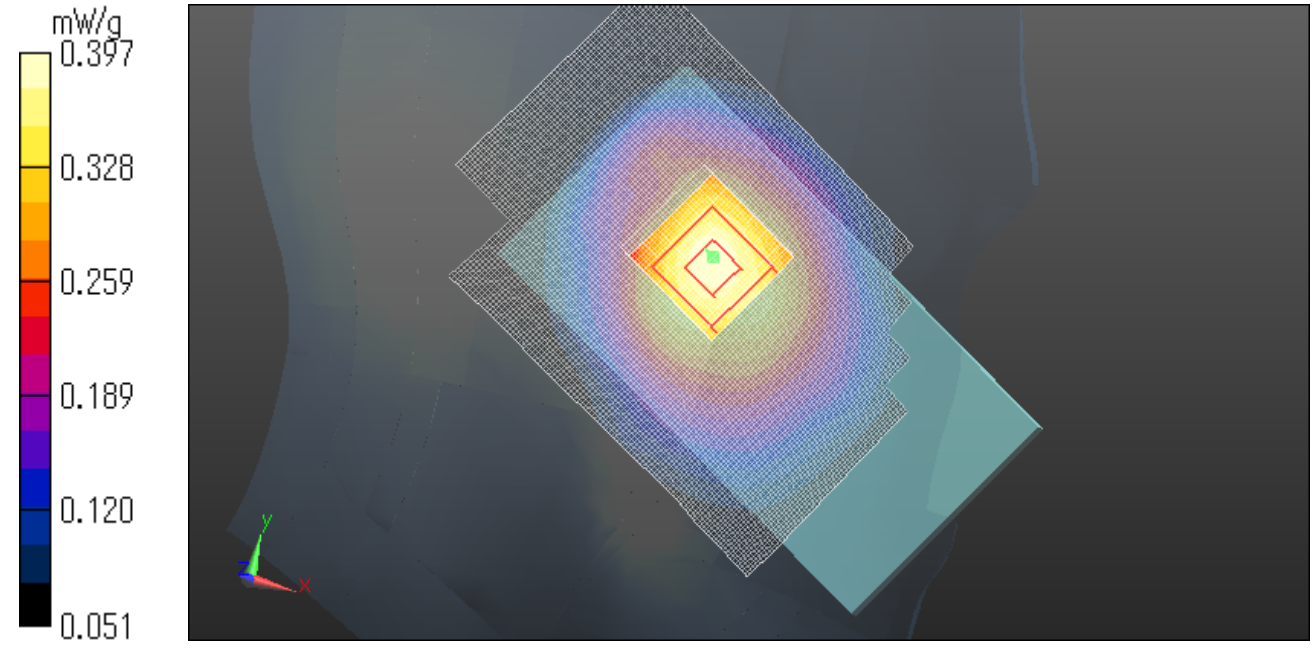
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.905 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.5680
SAR(1 g) = 0.433 mW/g; SAR(10 g) = 0.313 mW/g
Maximum value of SAR (measured) = 0.513 mW/g
Date: 2012/04/09
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



KMP7R4E1-2A_GSM850(GSM)_848.8MHz_Left_Tilt
Communication System: GSM850; Communication System Band: Exported from older format (data unavailable - please correct).; Frequency: 848.8 MHz;Duty Cycle: 1:8.30042
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.886 mho/m; ε_r = 41.514; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.39, 9.39, 9.39); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: SAM with CRP; Type: SAM;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (91x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.399 mW/g

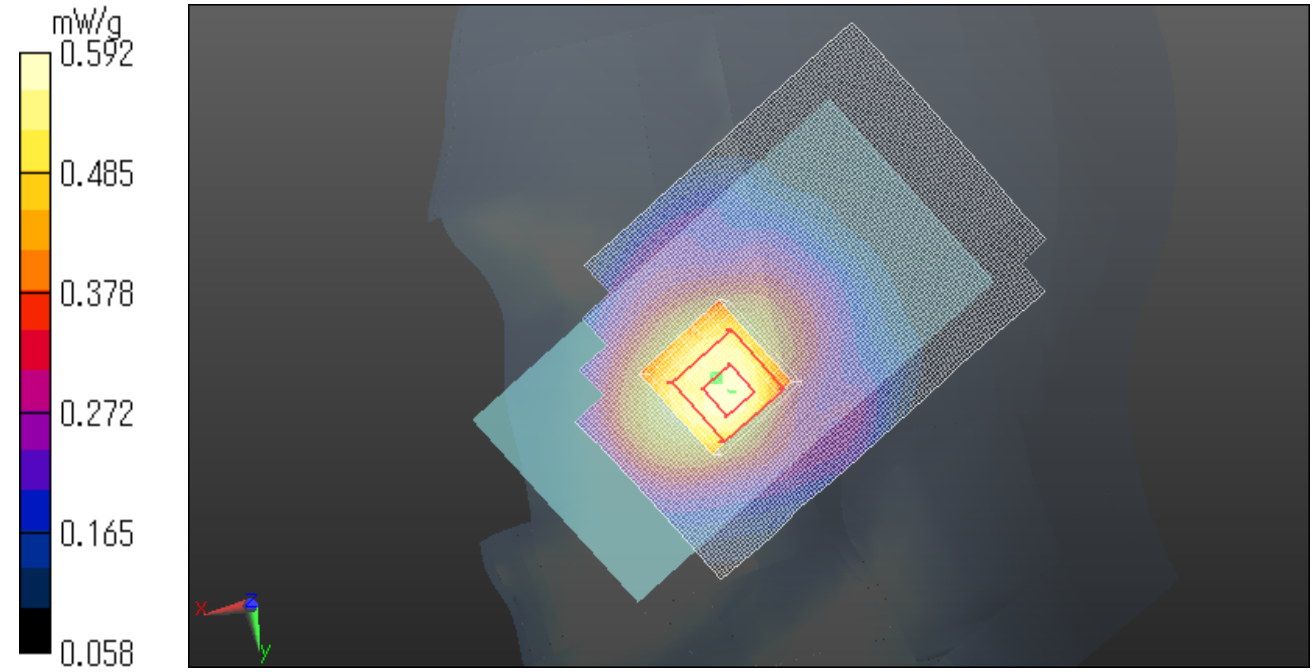
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.099 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.4370
SAR(1 g) = 0.342 mW/g; SAR(10 g) = 0.255 mW/g
Maximum value of SAR (measured) = 0.397 mW/g
Date: 2012/04/09
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



KMP7R4E1-2A_GSM850(GSM)_848.8MHz_Right_Cheek
Communication System: GSM850; Communication System Band: Exported from older format (data unavailable - please correct).; Frequency: 848.8 MHz;Duty Cycle: 1:8.30042
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.886 mho/m; ε_r = 41.514; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.39, 9.39, 9.39); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: SAM with CRP; Type: SAM;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (91x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.631 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.270 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.6470
SAR(1 g) = 0.505 mW/g; SAR(10 g) = 0.373 mW/g
Maximum value of SAR (measured) = 0.592 mW/g
Date: 2012/04/09
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

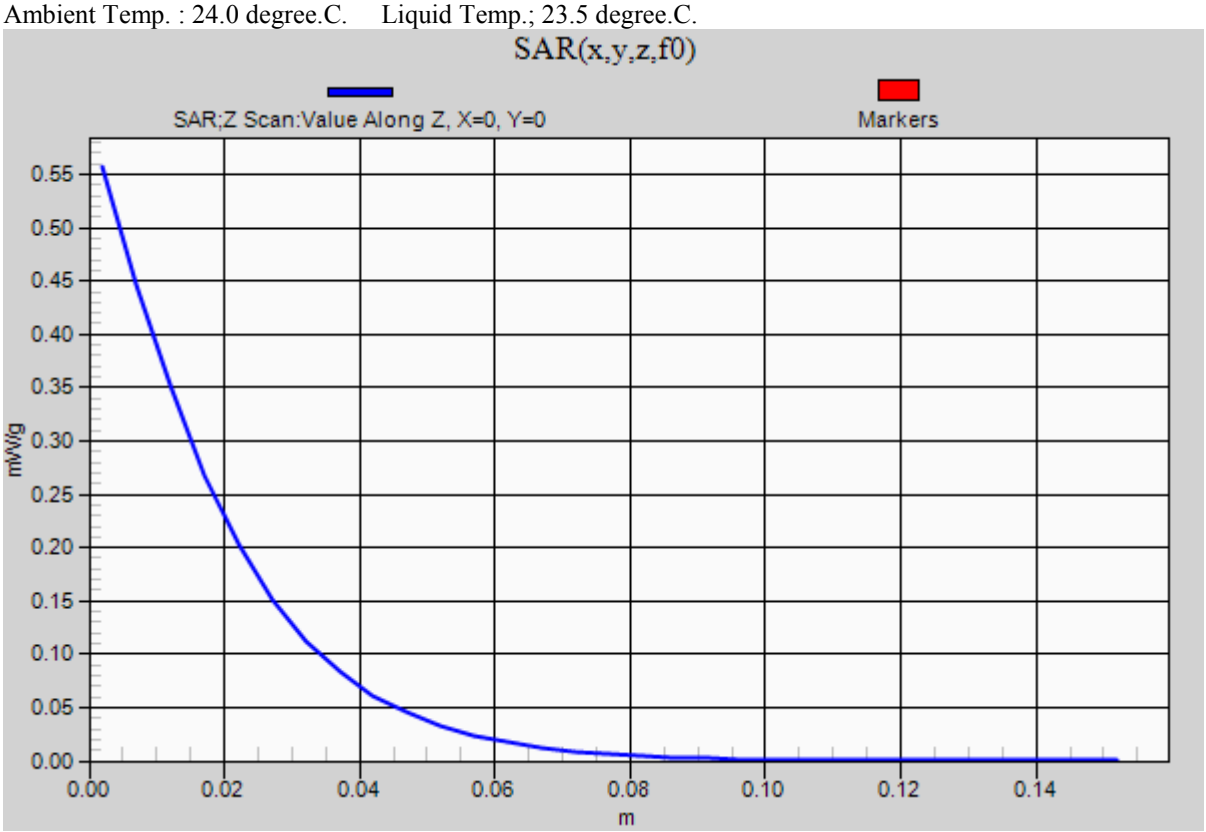


Z scan at maximum SAR location GSM850(Head)

KMP7R4E1-2A_GSM850(GSM)_848.8MHz_Right_Cheek
Communication System: GSM850; Communication System Band: Exported from older format (data unavailable - please correct).; Frequency: 848.8 MHz;Duty Cycle: 1:8.30042
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.886 mho/m; ε_r = 41.514; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.39, 9.39, 9.39); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: SAM with CRP; Type: SAM;
Measurement SW: DASY52, Version 52.8 (0);

Z Scan (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm

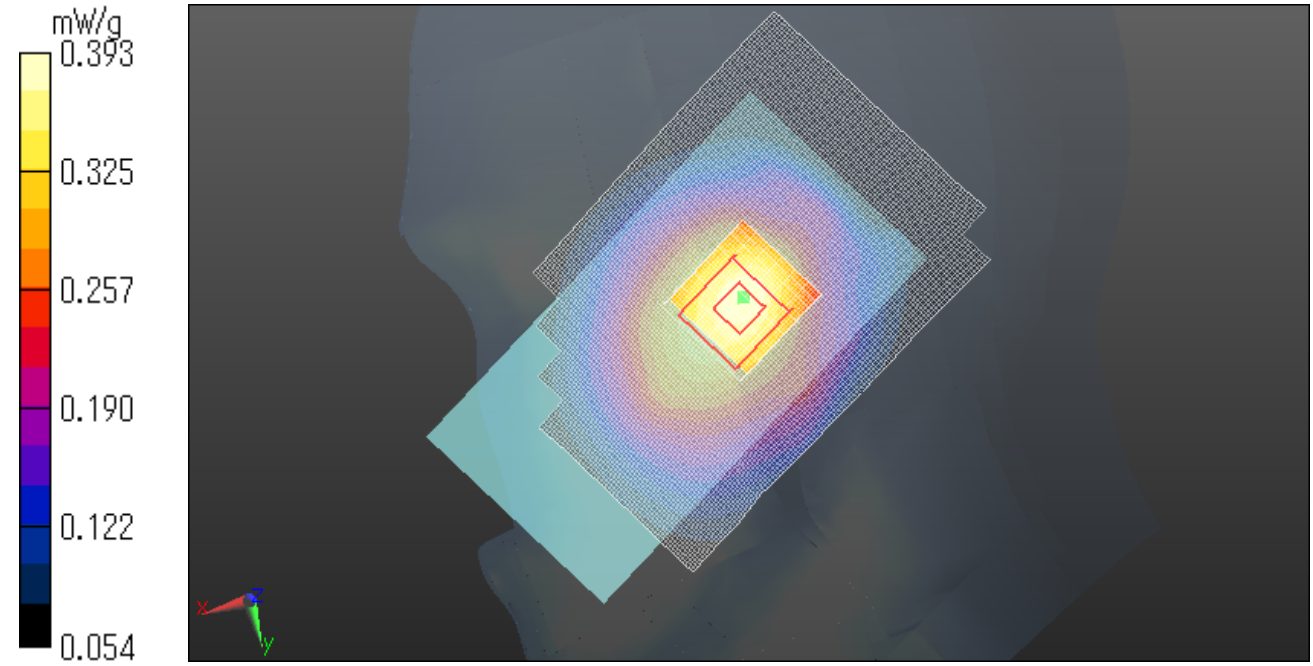
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.557 mW/g
Date: 2012/04/09
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



KMP7R4E1-2A_GSM850(GSM)_848.8MHz_Right_Tilt
Communication System: GSM850; Communication System Band: Exported from older format (data unavailable - please correct).; Frequency: 848.8 MHz;Duty Cycle: 1:8.30042
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.886 mho/m; ε_r = 41.514; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.39, 9.39, 9.39); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: SAM with CRP; Type: SAM;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (91x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.396 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.732 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.4340
SAR(1 g) = 0.340 mW/g; SAR(10 g) = 0.255 mW/g
Maximum value of SAR (measured) = 0.393 mW/g
Date: 2012/04/09
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

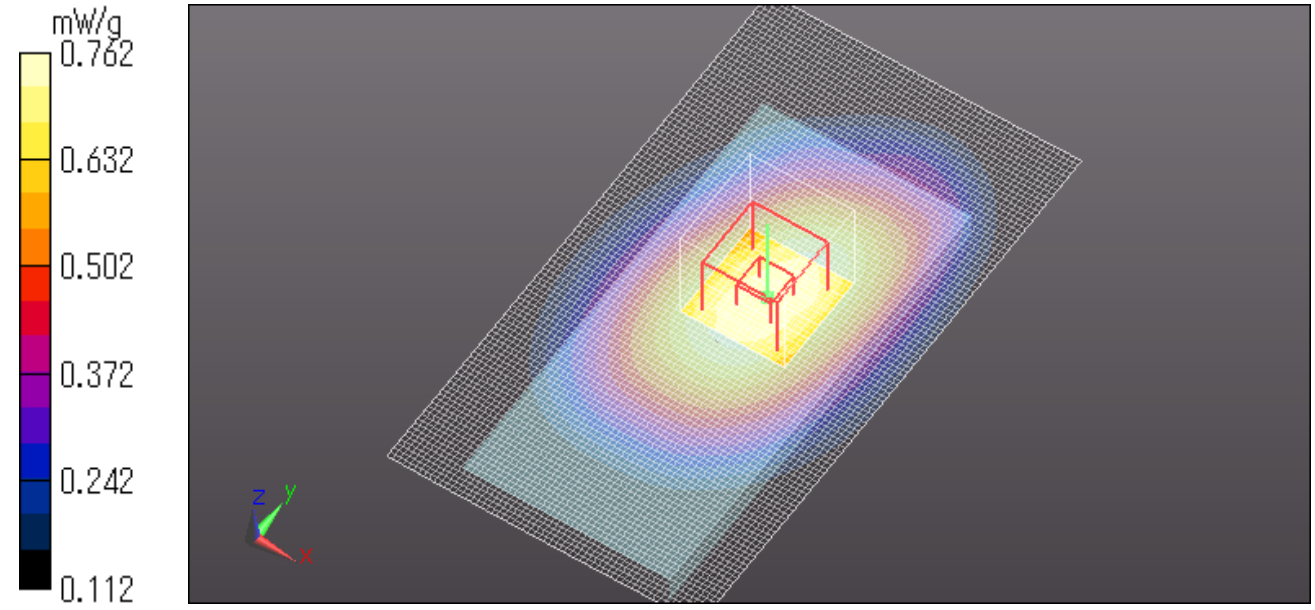


【GSM850 Body】

KMP7R4E1-2A_GSM850(GPRS)_Body_824.2MHz_Front_10mm
Communication System: GSM850; Communication System Band: Exported from older format (data unavailable - please correct).; Frequency: 824.2 MHz;Duty Cycle: 1:8.30042
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.926 mho/m; ε_r = 52.895; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.61, 9.61, 9.61); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: ELI 4.0; Type: QDOVA001BA;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.778 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.417 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.8340
SAR(1 g) = 0.664 mW/g; SAR(10 g) = 0.502 mW/g
Maximum value of SAR (measured) = 0.762 mW/g
Date: 2012/04/09
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



KMP7R4E1-2A_GSM850(GPRS)_Body_824.2MHz_Rear_10mm

Communication System: GSM850; Communication System Band: Exported from older format (data unavailable - please correct).; Frequency: 824.2 MHz;Duty Cycle: 1:8.30042

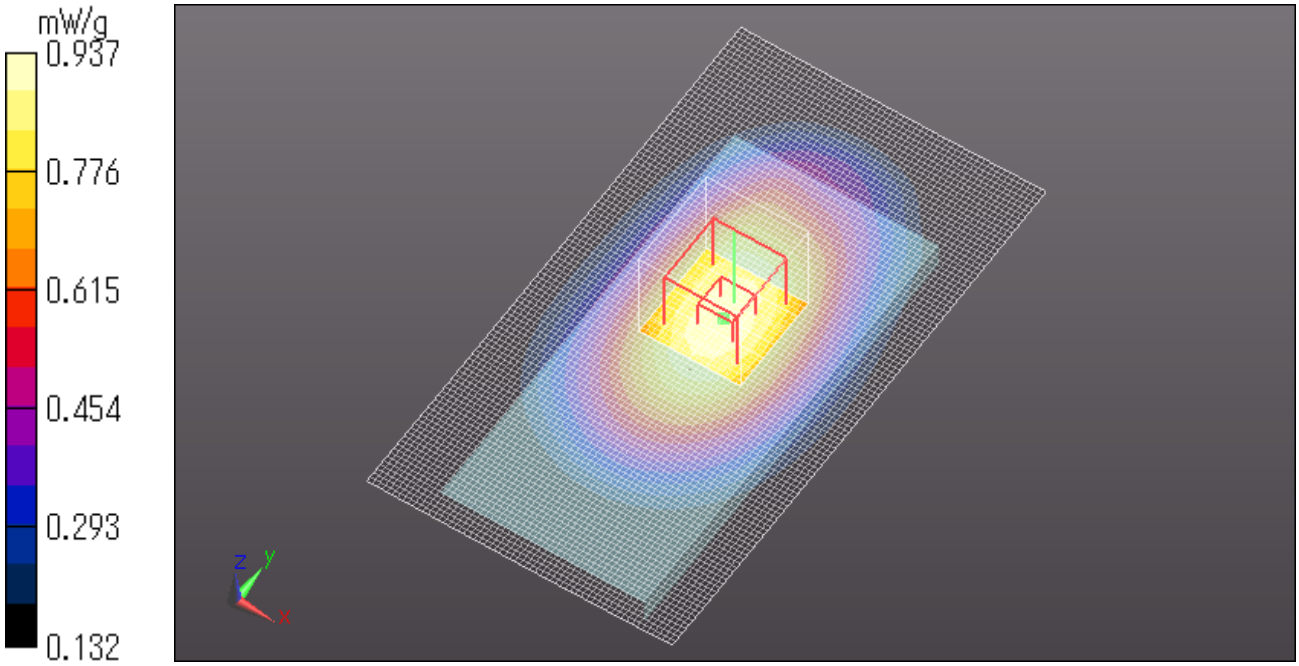
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.926 mho/m; ε_r = 52.895; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.61, 9.61, 9.61); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: ELI 4.0; Type: QDOVA001BA;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.956 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 31.713 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.0290
SAR(1 g) = 0.809 mW/g; SAR(10 g) = 0.600 mW/g
Maximum value of SAR (measured) = 0.937 mW/g

Date: 2012/04/09
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



KMP7R4E1-2A_GSM850(GPRS)_Body_824.2MHz_Right edge_10mm

Communication System: GSM850; Communication System Band: Exported from older format (data unavailable - please correct).; Frequency: 824.2 MHz;Duty Cycle: 1:8.30042

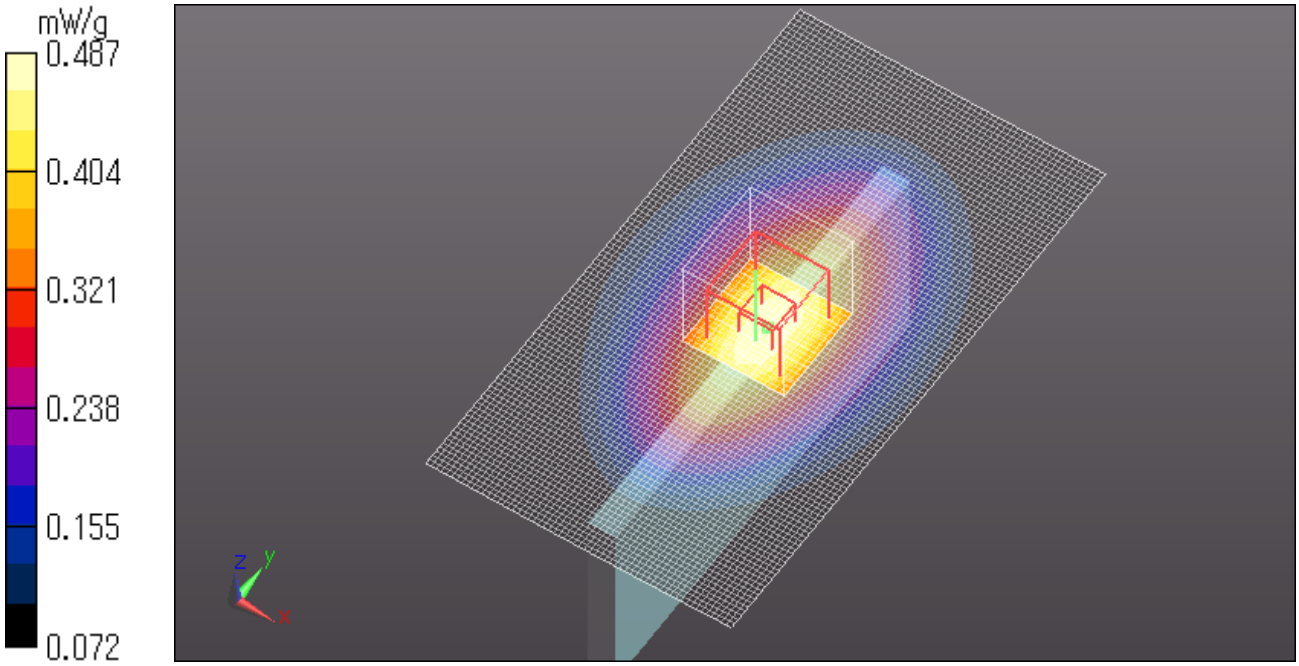
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.926 mho/m; ε_r = 52.895; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.61, 9.61, 9.61); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: ELI 4.0; Type: QDOVA001BA;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.473 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.199 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.5440
SAR(1 g) = 0.412 mW/g; SAR(10 g) = 0.298 mW/g
Maximum value of SAR (measured) = 0.487 mW/g

Date: 2012/04/09
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



KMP7R4E1-2A_GSM850(GPRS)_Body_824.2MHz_Left edge_10mm

Communication System: GSM850; Communication System Band: Exported from older format (data unavailable - please correct).; Frequency: 824.2 MHz;Duty Cycle: 1:8.30042

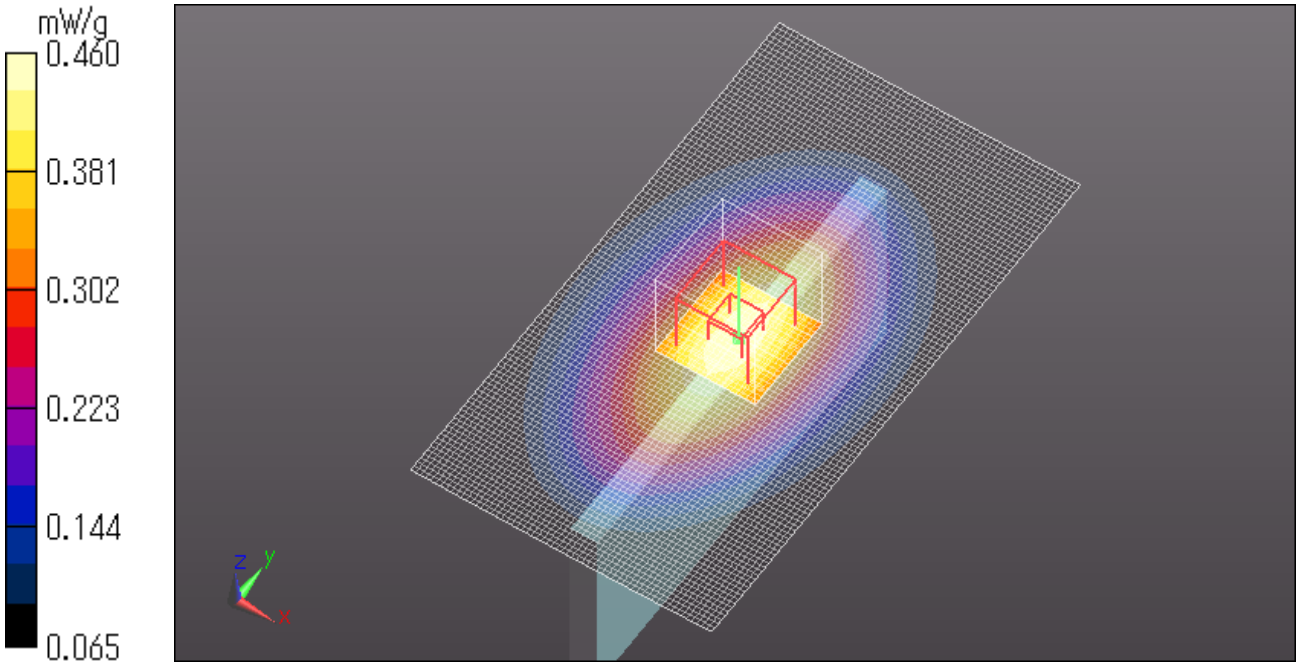
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.926 mho/m; ε_r = 52.895; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.61, 9.61, 9.61); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: ELI 4.0; Type: QDOVA001BA;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.465 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.892 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.5100
SAR(1 g) = 0.389 mW/g; SAR(10 g) = 0.282 mW/g
Maximum value of SAR (measured) = 0.460 mW/g

Date: 2012/04/09
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



KMP7R4E1-2A_GSM850(GPRS)_Body_824.2MHz_Bottom edge_10mm

Communication System: GSM850; Communication System Band: Exported from older format (data unavailable - please correct).; Frequency: 824.2 MHz;Duty Cycle: 1:8.30042

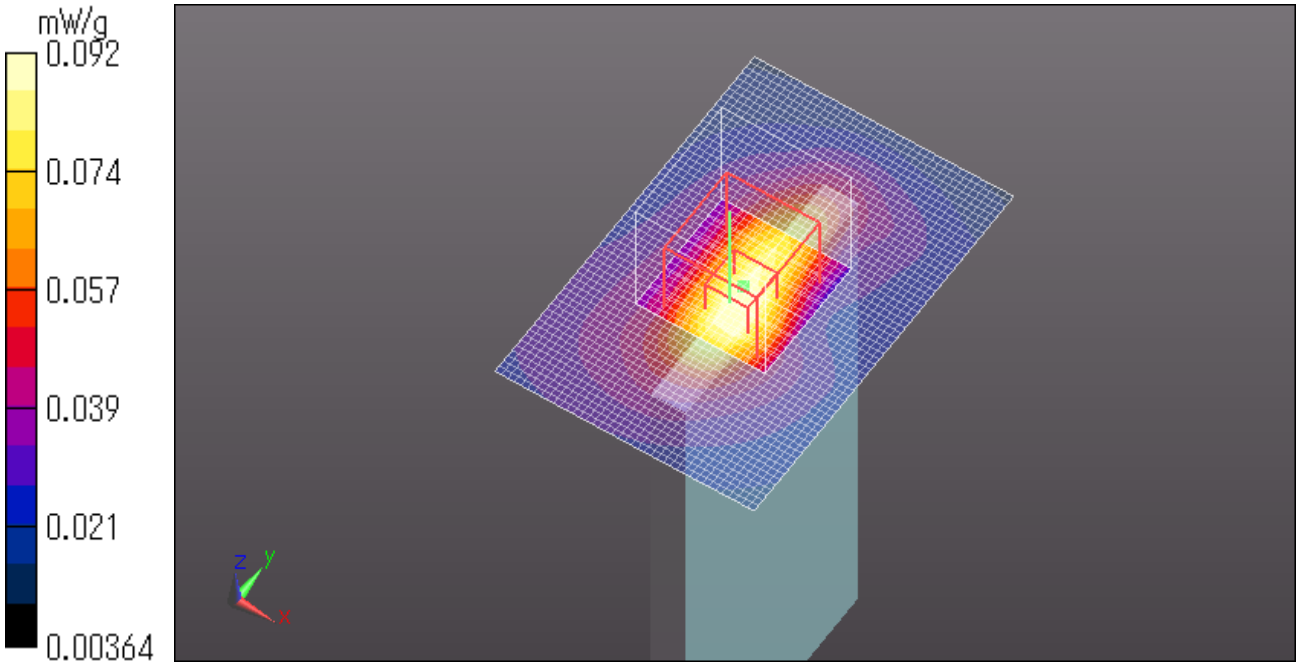
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.926 mho/m; ε_r = 52.895; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.61, 9.61, 9.61); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: ELI 4.0; Type: QDOVA001BA;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.095 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.348 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.1270
SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.038 mW/g
Maximum value of SAR (measured) = 0.092 mW/g

Date: 2012/04/09
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



KMP7R4E1-2A_GSM850(GPRS)_Body_836.6MHz_Rear_10mm

Communication System: GSM850; Communication System Band: Exported from older format (data unavailable - please correct).; Frequency: 836.6 MHz;Duty Cycle: 1:8.30042

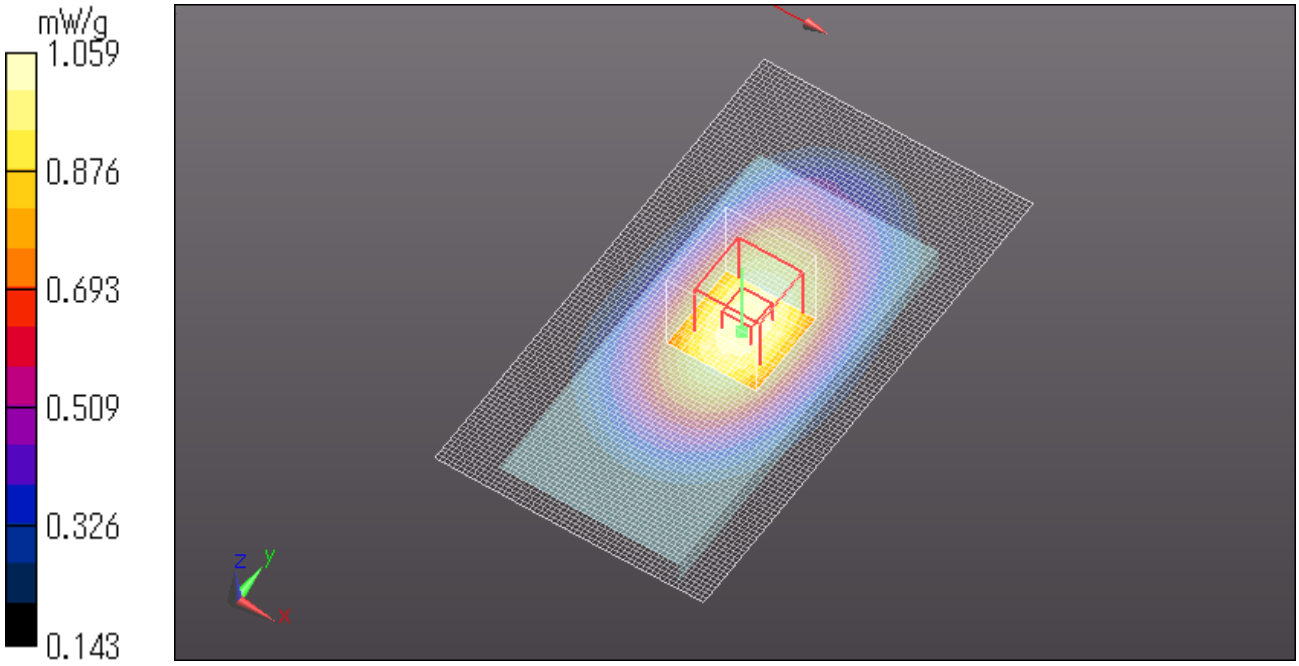
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.939 mho/m; ε_r = 52.734; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.61, 9.61, 9.61); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: ELI 4.0; Type: QDOVA001BA;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.065 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 33.221 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.1650
SAR(1 g) = 0.908 mW/g; SAR(10 g) = 0.665 mW/g
Maximum value of SAR (measured) = 1.059 mW/g

Date: 2012/04/09
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Z scan at maximum SAR location GSM850(Body)

KMP7R4E1-2A_GSM850(GPRS)_Body_836.6MHz_Rear_10mm

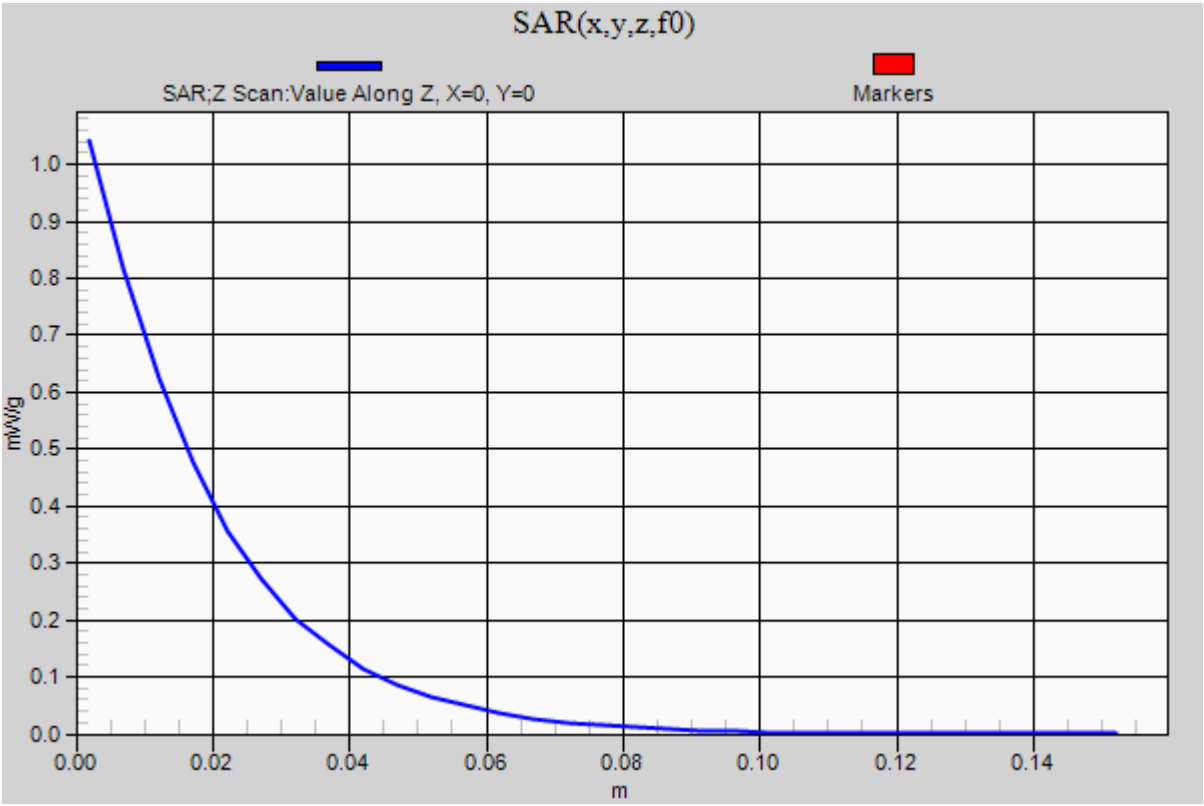
Communication System: GSM850; Communication System Band: Exported from older format (data unavailable - please correct).; Frequency: 836.6 MHz;Duty Cycle: 1:8.30042

Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.939 mho/m; ε_r = 52.734; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.61, 9.61, 9.61); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: ELI 4.0; Type: QDOVA001BA;
Measurement SW: DASY52, Version 52.8 (0);

Z Scan (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 1.042 mW/g

Date: 2012/04/09
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



KMP7R4E1-2A_GSM850(GPRS)_Body_848.8MHz_Rear_10mm

Communication System: GSM850; Communication System Band: Exported from older format (data unavailable - please correct).; Frequency: 848.8 MHz;Duty Cycle: 1:8.30042

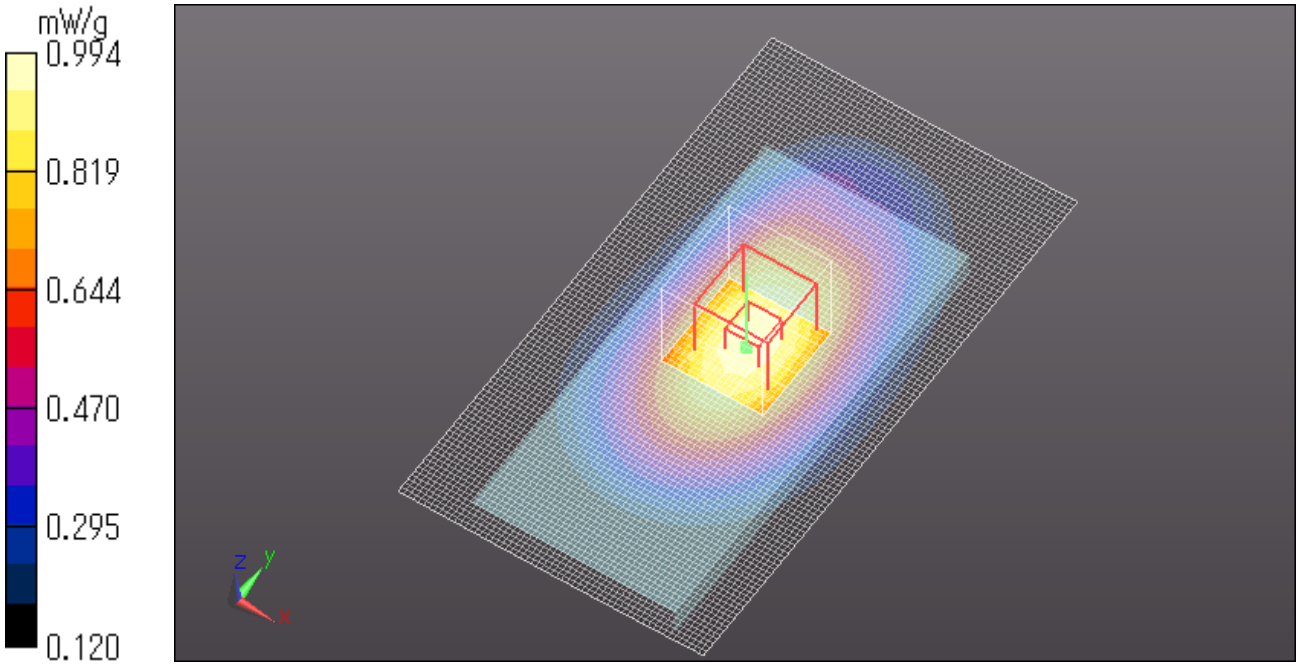
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.951 mho/m; ε_r = 52.586; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.61, 9.61, 9.61); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: ELI 4.0; Type: QDOVA001BA;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.994 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.414 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.1000
SAR(1 g) = 0.847 mW/g; SAR(10 g) = 0.616 mW/g
Maximum value of SAR (measured) = 0.994 mW/g

Date: 2012/04/09
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

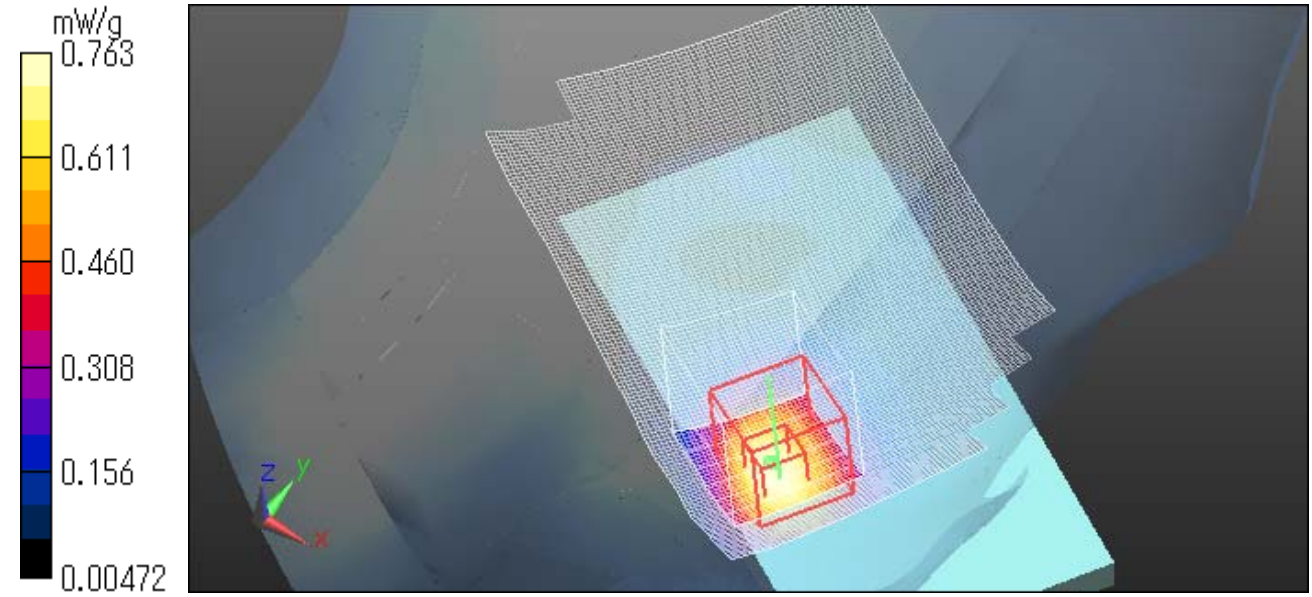


【PCS1900 Head】

KMP7R4E1-2A_PCS1900(GSM)_1880.0MHz_Left_Cheek
Communication System: PCS1900; Communication System Band: PCS1900; Frequency: 1880.0 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.431 mho/m; εr = 38.16; ρ = 1000 kg/m3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(8.43, 8.43, 8.43); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: SAM with CRP; Type: SAM;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (91x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.809 mW/g

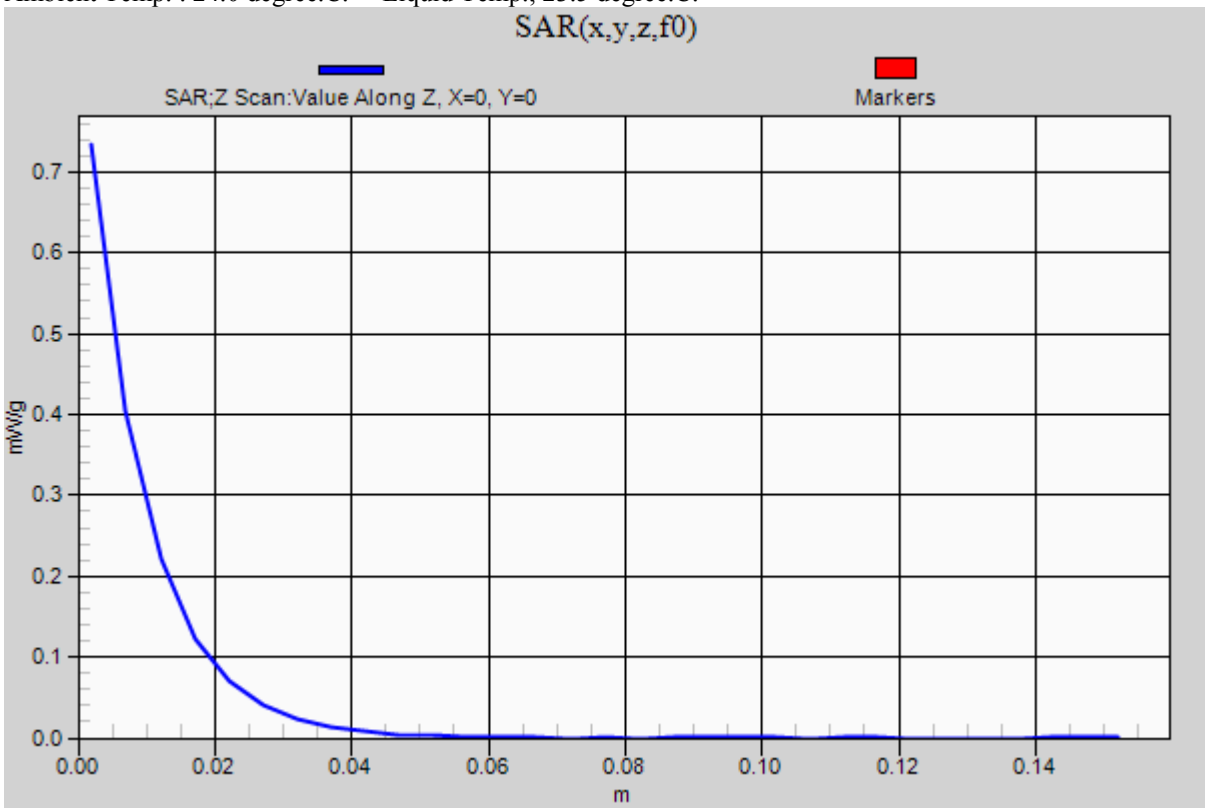
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.133 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.9890
SAR(1 g) = 0.548 mW/g; SAR(10 g) = 0.291 mW/g
Maximum value of SAR (measured) = 0.763 mW/g
Date: 2012/04/07
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Z scan at maximum SAR location PCS1900(Head)

KMP7R4E1-2A_PCS1900(GSM)_1880.0MHz_Left_Cheek
Communication System: PCS1900; Communication System Band: PCS1900; Frequency: 1880.0 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.431 mho/m; εr = 38.16; ρ = 1000 kg/m3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(8.43, 8.43, 8.43); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: SAM with CRP; Type: SAM;
Measurement SW: DASY52, Version 52.8 (0);

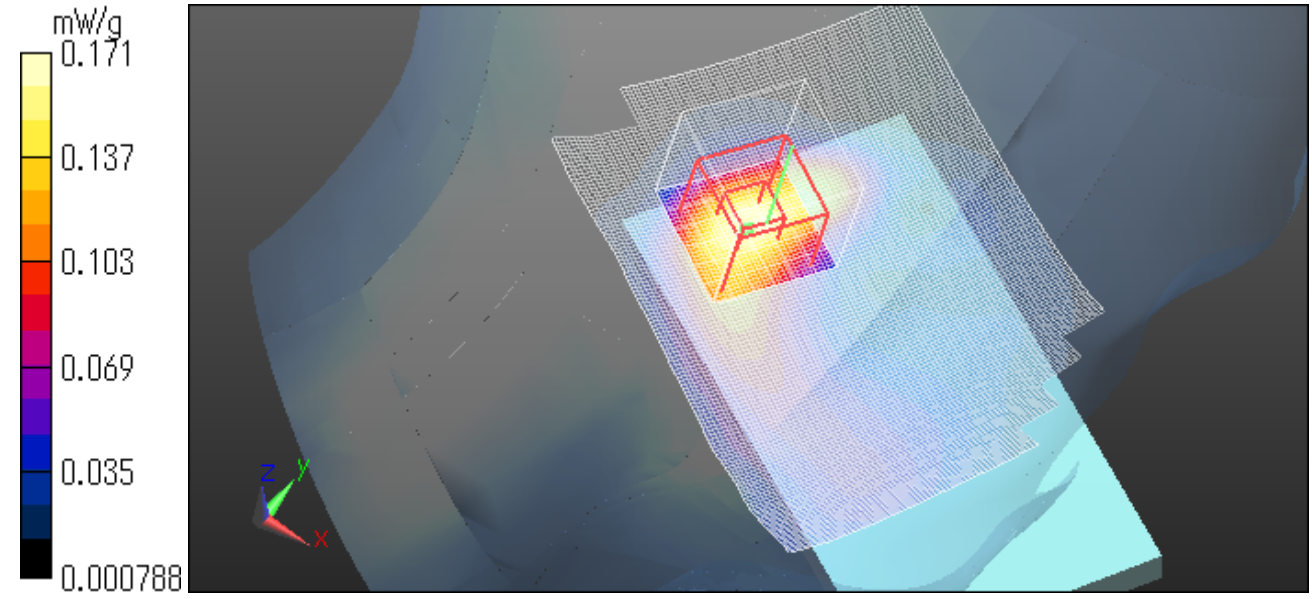
Z Scan (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.733 mW/g
Date: 2012/04/07
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



KMP7R4E1-2A_PCS1900(GSM)_1880.0MHz_Left_Tilt
Communication System: PCS1900; Communication System Band: PCS1900; Frequency: 1880.0 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.431 mho/m; εr = 38.16; ρ = 1000 kg/m3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(8.43, 8.43, 8.43); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: SAM with CRP; Type: SAM;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (91x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.177 mW/g

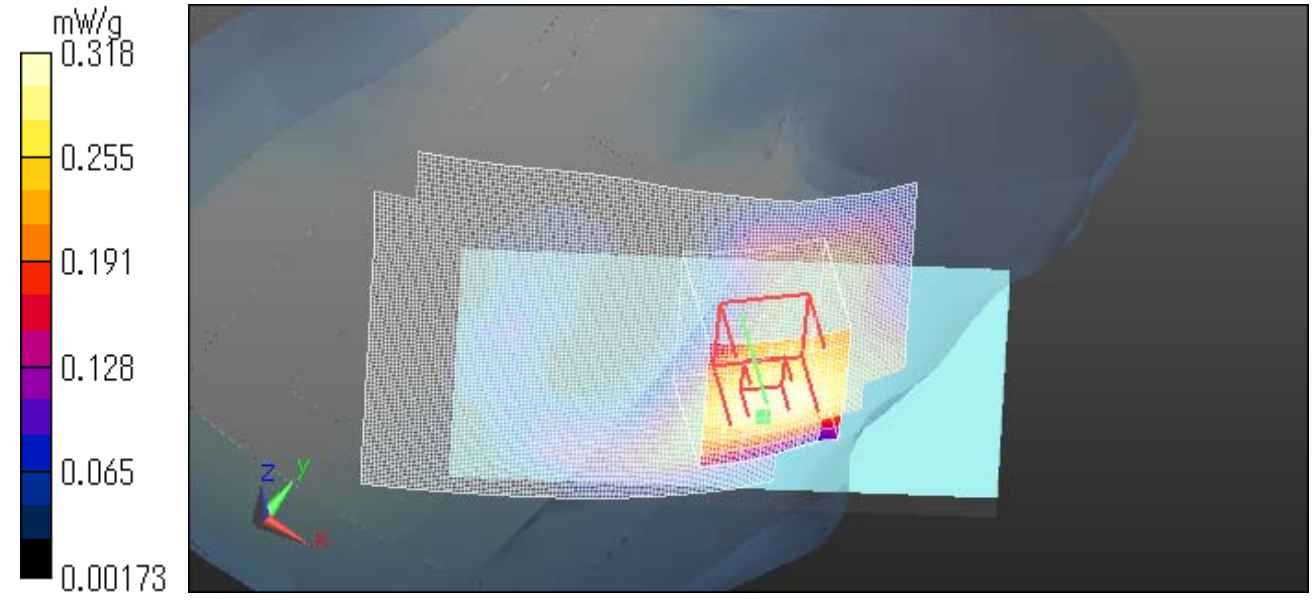
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.602 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.2330
SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.064 mW/g
Maximum value of SAR (measured) = 0.171 mW/g
Date: 2012/04/07
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



KMP7R4E1-2A_PCS1900(GSM)_1880.0MHz_Right_Cheek
Communication System: PCS1900; Communication System Band: PCS1900; Frequency: 1880.0 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.431 mho/m; εr = 38.16; ρ = 1000 kg/m3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(8.43, 8.43, 8.43); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: SAM with CRP; Type: SAM;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (91x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.324 mW/g

Zoom Scan (9x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.172 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.3900
SAR(1 g) = 0.241 mW/g; SAR(10 g) = 0.145 mW/g
Maximum value of SAR (measured) = 0.318 mW/g
Date: 2012/04/07
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

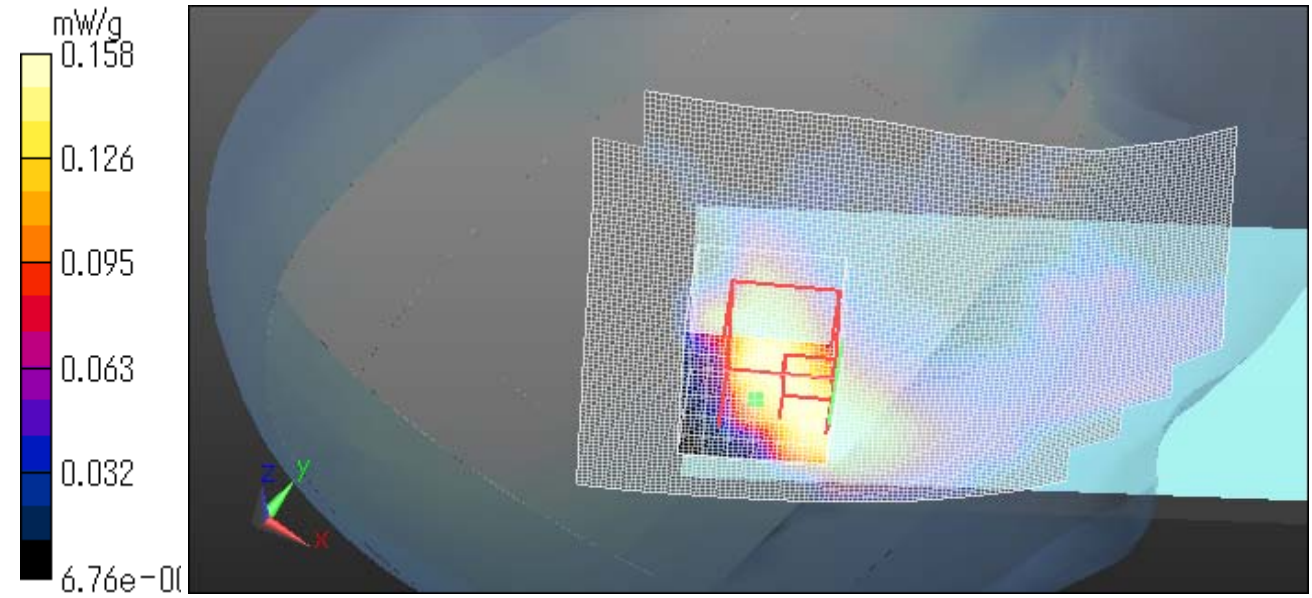


KMP7R4E1-2A_PCS1900(GSM)_1880.0MHz_Right_Tilt
Communication System: PCS1900; Communication System Band: PCS1900; Frequency: 1880.0 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.431 mho/m; εr = 38.16; ρ = 1000 kg/m3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(8.43, 8.43, 8.43); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: SAM with CRP; Type: SAM;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (91x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.206 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.558 V/m; Power Drift = -0.0063 dB
Peak SAR (extrapolated) = 0.2100
SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.061 mW/g

Maximum value of SAR (measured) = 0.158 mW/g
Date: 2012/04/07
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



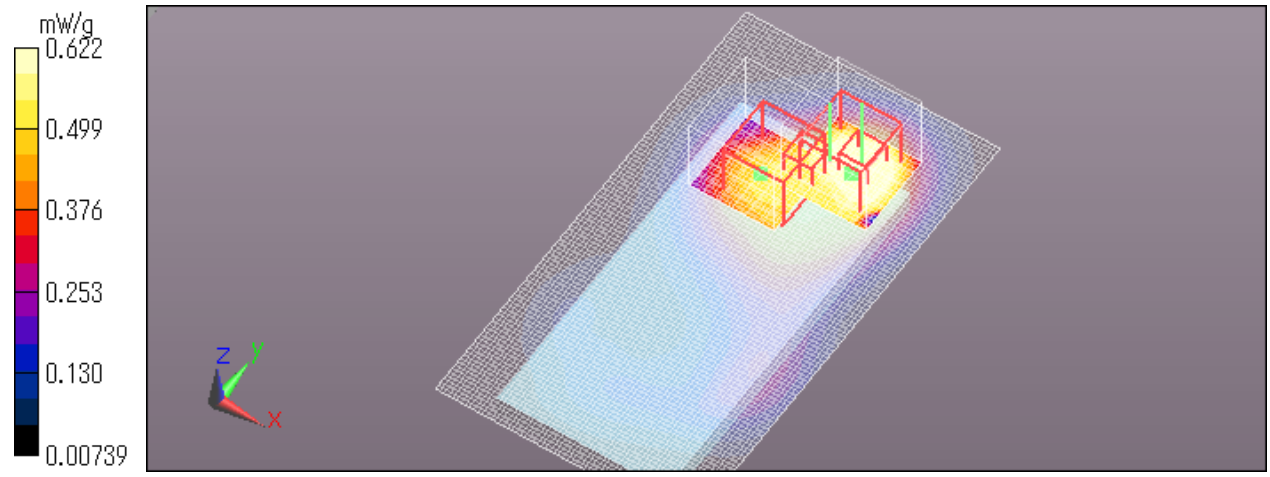
【PCS1900 Body】

KMP7R4E1-2A_PCS1900(GPRS)_Body_1slot_1880.0MHz_Front_10mm
Communication System: PCS1900; Communication System Band: PCS1900; Frequency: 1880.0 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.553 mho/m; εr = 51.07; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(7.48, 7.48, 7.48); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: ELI 4.0; Type: QDOVA001BA;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.764 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.693 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.9850
SAR(1 g) = 0.547 mW/g; SAR(10 g) = 0.311 mW/g
Maximum value of SAR (measured) = 0.760 mW/g

Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.693 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.7570
SAR(1 g) = 0.412 mW/g; SAR(10 g) = 0.249 mW/g
Maximum value of SAR (measured) = 0.622 mW/g
Date: 2012/04/07
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



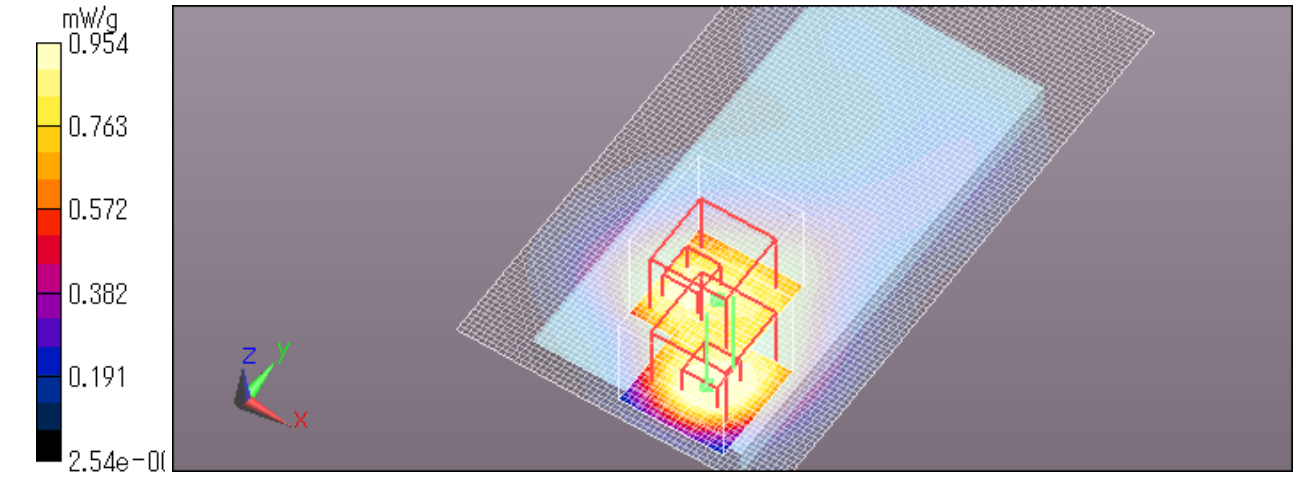
KMP7R4E1-2A_PCS1900(GPRS)_Body_1slot_1880.0MHz_Rear_10mm
Communication System: PCS1900; Communication System Band: PCS1900; Frequency: 1880.0 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.553 mho/m; εr = 51.07; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(7.48, 7.48, 7.48); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: ELI 4.0; Type: QDOVA001BA;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.222 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.855 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.4520
SAR(1 g) = 0.778 mW/g; SAR(10 g) = 0.439 mW/g

Maximum value of SAR (measured) = 1.112 mW/g

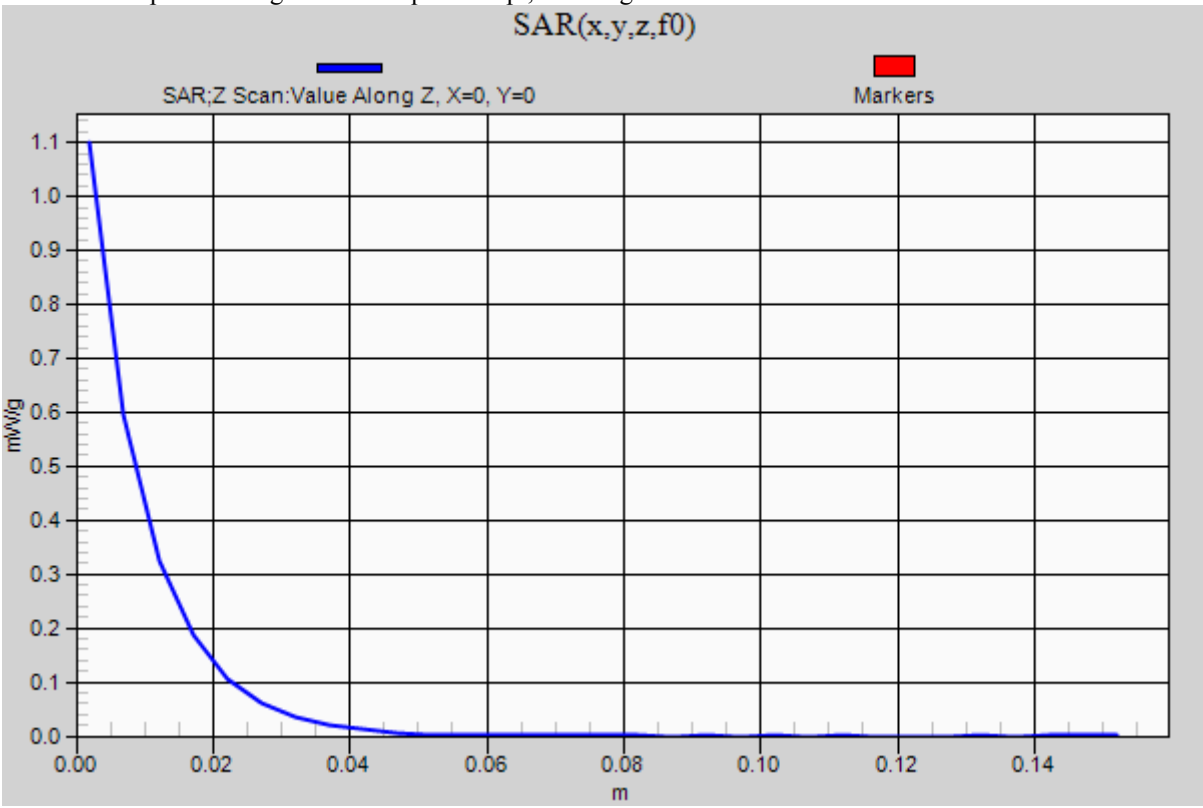
Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.855 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.2020
SAR(1 g) = 0.707 mW/g; SAR(10 g) = 0.438 mW/g
Maximum value of SAR (measured) = 0.954 mW/g
Date: 2012/04/07
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Z scan at maximum SAR location PCS1900(Body)

KMP7R4E1-2A_PCS1900(GPRS)_Body_1slot_1880.0MHz_Rear_10mm
Communication System: PCS1900; Communication System Band: PCS1900; Frequency: 1880.0 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.553 mho/m; εr = 51.07; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(7.48, 7.48, 7.48); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: ELI 4.0; Type: QDOVA001BA;
Measurement SW: DASY52, Version 52.8 (0);

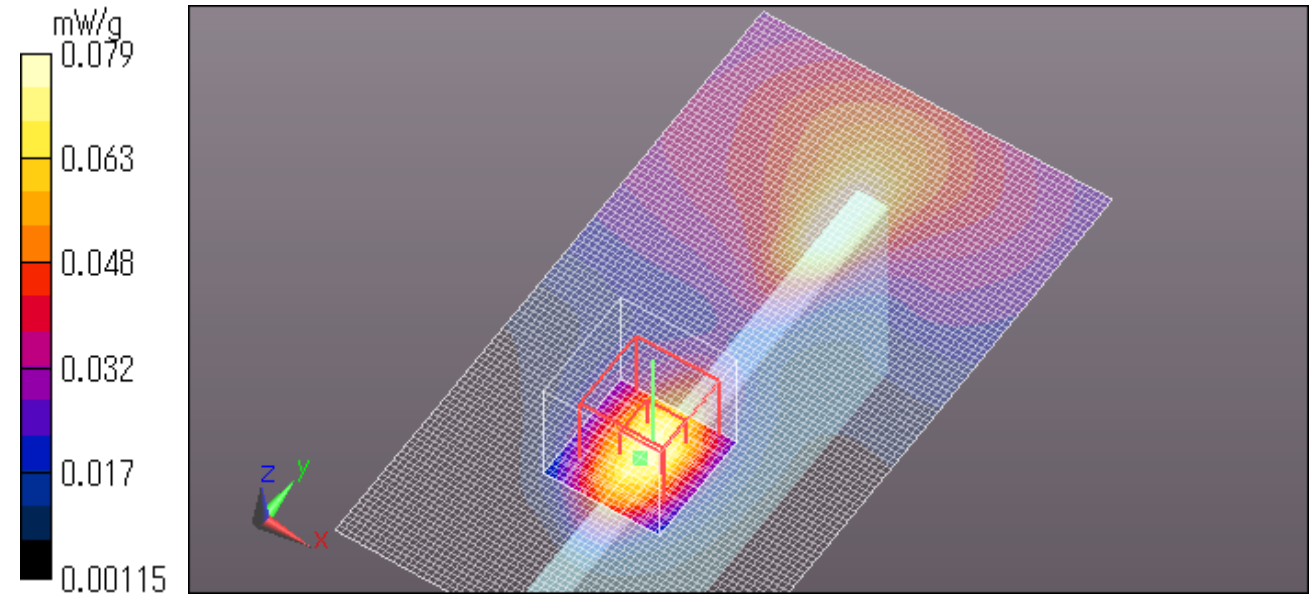
Z Scan (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 1.100 mW/g
Date: 2012/04/07
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



KMP7R4E1-2A_PCS1900(GPRS)_Body_1slot_1880.0MHz_Right edge_10mm
Communication System: PCS1900; Communication System Band: PCS1900; Frequency: 1880.0 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.553 mho/m; εr = 51.07; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(7.48, 7.48, 7.48); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: ELI 4.0; Type: QDOVA001BA;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.084 mW/g

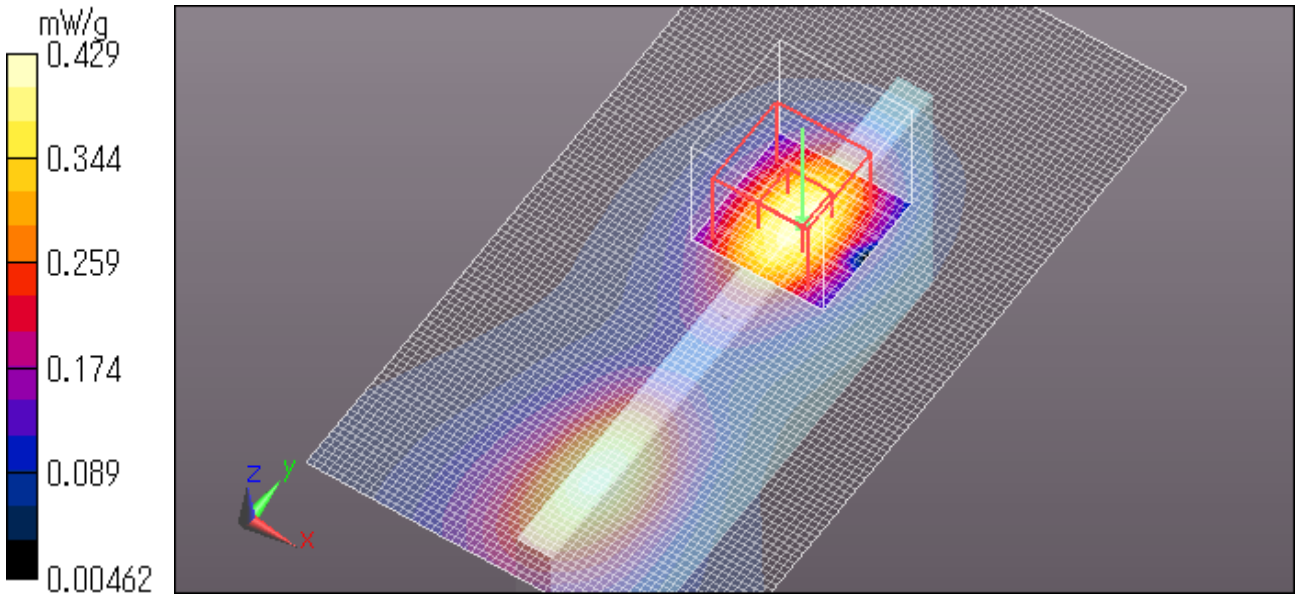
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.435 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.1000
SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.030 mW/g
Maximum value of SAR (measured) = 0.079 mW/g
Date: 2012/04/07
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



KMP7R4E1-2A_PCS1900(GPRS)_Body_1slot_1880.0MHz_Left edge_10mm
Communication System: PCS1900; Communication System Band: PCS1900; Frequency: 1880.0 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.553 mho/m; εr = 51.07; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(7.48, 7.48, 7.48); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: ELI 4.0; Type: QDOVA001BA;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.451 mW/g

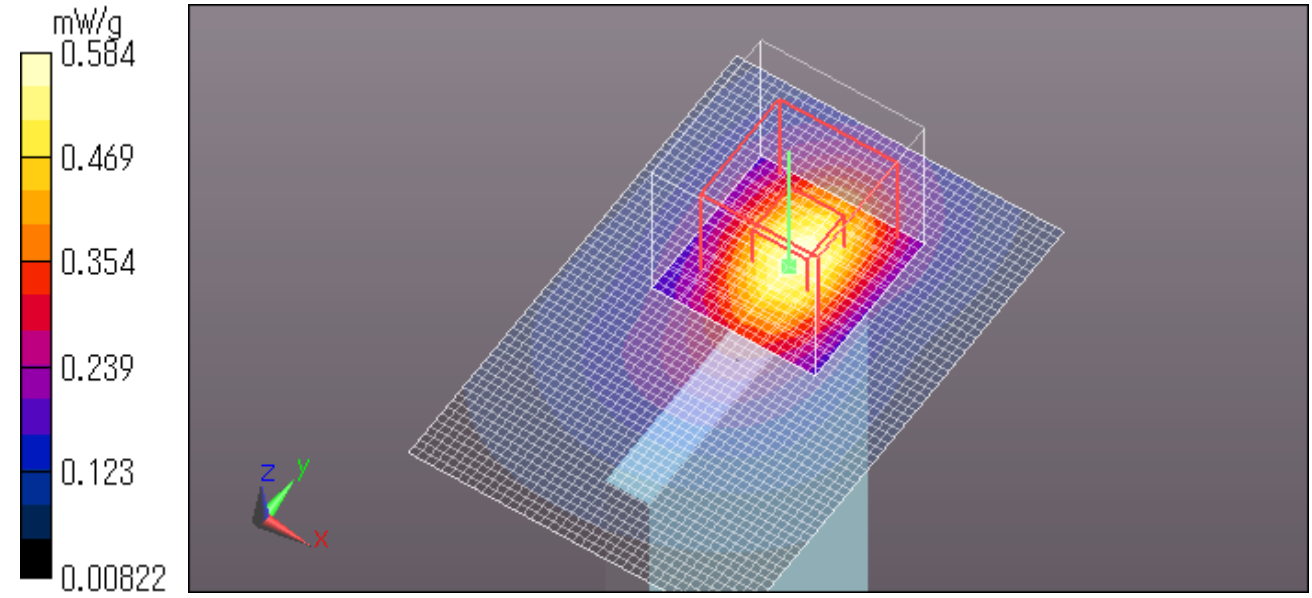
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.183 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.5410
SAR(1 g) = 0.307 mW/g; SAR(10 g) = 0.166 mW/g
Maximum value of SAR (measured) = 0.429 mW/g
Date: 2012/04/07
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



KMP7R4E1-2A_PCS1900(GPRS)_Body_1slot_1880.0MHz_Bottom edge_10mm
Communication System: PCS1900; Communication System Band: PCS1900; Frequency: 1880.0 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.553 mho/m; εr = 51.07; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(7.48, 7.48, 7.48); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: ELI 4.0; Type: QDOVA001BA;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.588 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.080 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.7580
SAR(1 g) = 0.410 mW/g; SAR(10 g) = 0.212 mW/g
Maximum value of SAR (measured) = 0.584 mW/g
Date: 2012/04/07
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

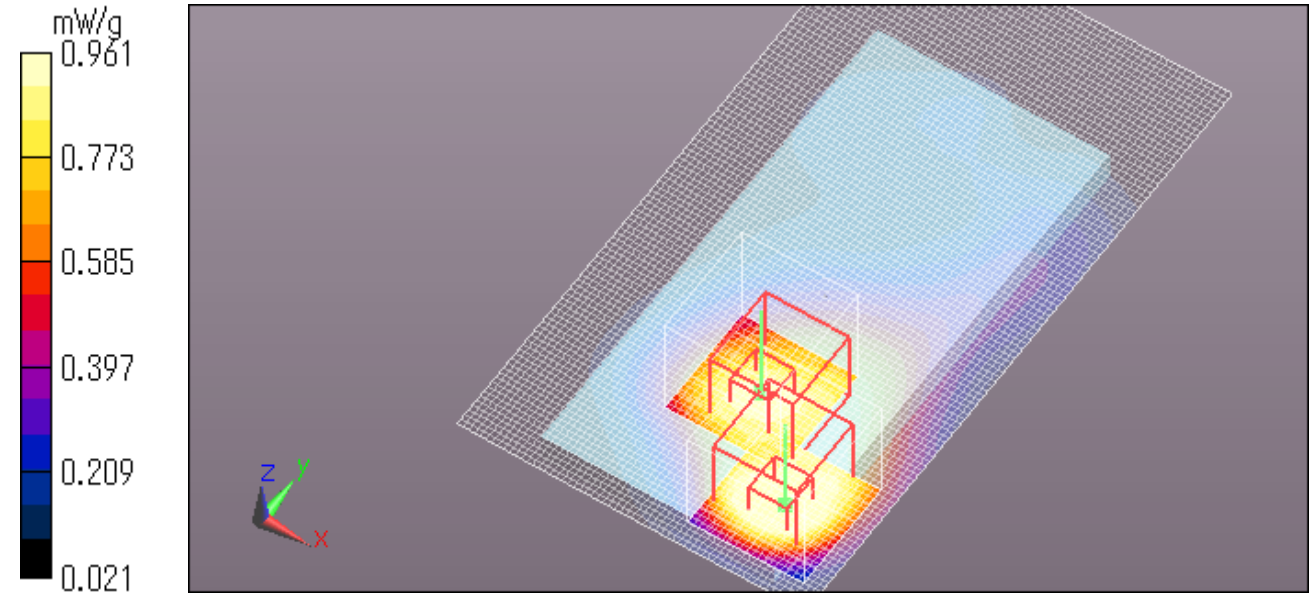


KMP7R4E1-2A_PCS1900(GPRS)_Body_1slot_1880.0MHz_Rear_10mm_Another sample: Chassis's color: Pink
Communication System: PCS1900; Communication System Band: PCS1900; Frequency: 1880.0 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.553 mho/m; εr = 51.07; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(7.48, 7.48, 7.48); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: ELI 4.0; Type: QDOVA001BA;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.291 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.368 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.5620
SAR(1 g) = 0.859 mW/g; SAR(10 g) = 0.478 mW/g
Maximum value of SAR (measured) = 1.209 mW/g

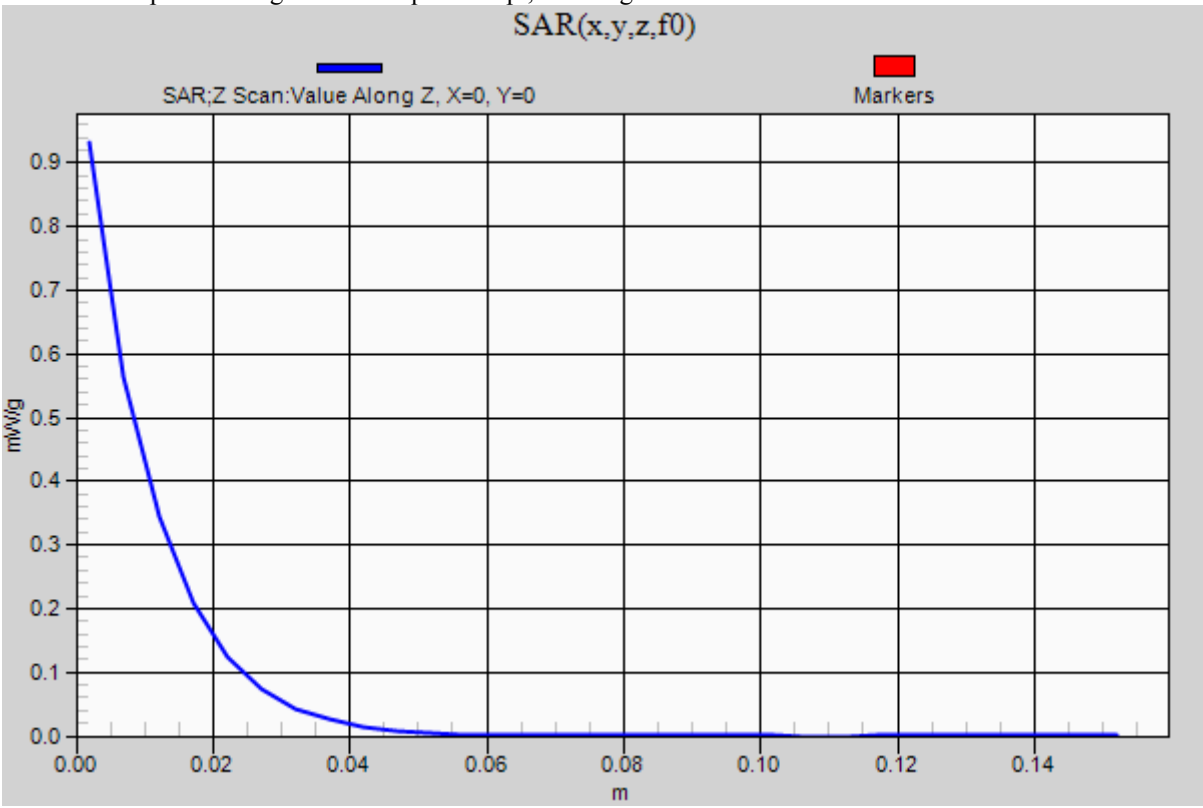
Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.368 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.1740
SAR(1 g) = 0.726 mW/g; SAR(10 g) = 0.450 mW/g
Maximum value of SAR (measured) = 0.961 mW/g
Date: 2012/04/07
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Z scan at maximum SAR location PCS1900(Body) Another sample: Chassis's color: Pink

KMP7R4E1-2A_PCS1900(GPRS)_Body_1slot_1880.0MHz_Rear_10mm_Another sample: Chassis's color: Pink
Communication System: PCS1900; Communication System Band: PCS1900; Frequency: 1880.0 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.553 mho/m; εr = 51.07; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(7.48, 7.48, 7.48); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: ELI 4.0; Type: QDOVA001BA;
Measurement SW: DASY52, Version 52.8 (0);

Z Scan (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.932 mW/g
Date: 2012/04/07
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



【WCDMA band V Head】

KMP7R4E1-2A_WCDMA V(12.2k)_846.6MHz_Left_Cheek
Communication System: WCDMA V 835M; Communication System Band: WCDMA V band; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.925 mho/m; ε_r = 41.79; ρ = 1000 kg/m^3

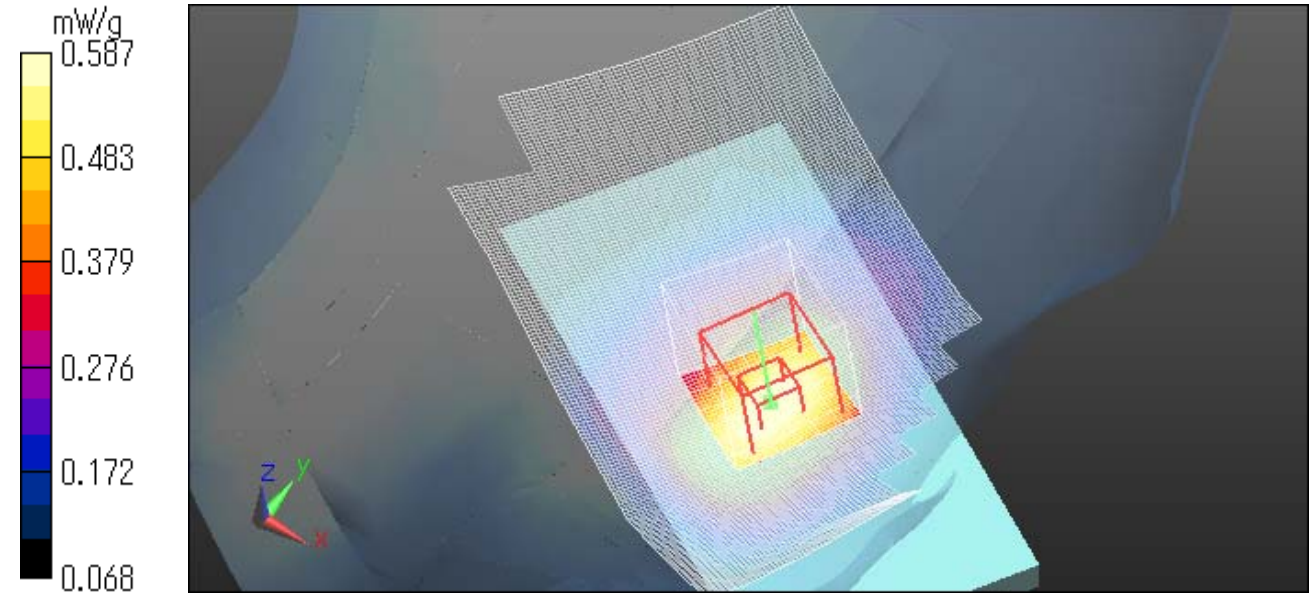
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.39, 9.39, 9.39); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: SAM with CRP; Type: SAM;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (91x151x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.599 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.136 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.6470
SAR(1 g) = 0.497 mW/g; SAR(10 g) = 0.356 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.587 mW/g
Date: 2012/04/08
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



KMP7R4E1-2A_WCDMA V(12.2k)_846.6MHz_Left_Tilt
Communication System: WCDMA V 835M; Communication System Band: WCDMA V band; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.925 mho/m; ε_r = 41.79; ρ = 1000 kg/m^3

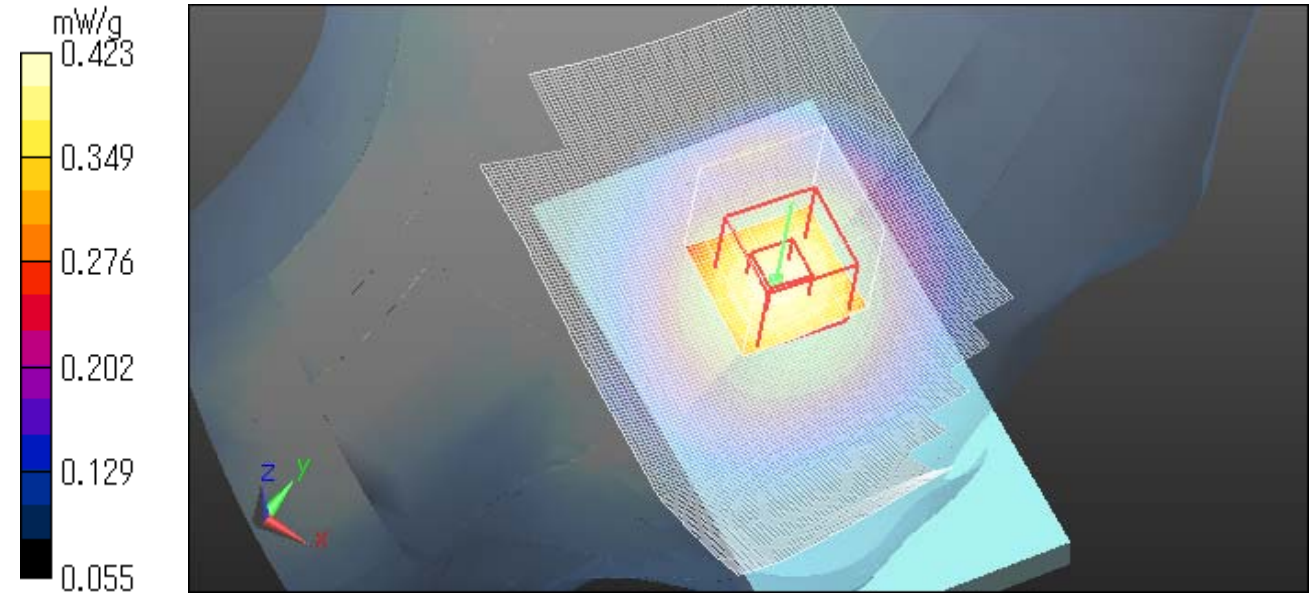
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.39, 9.39, 9.39); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: SAM with CRP; Type: SAM;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (91x151x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.404 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.266 V/m; Power Drift = 0.0045 dB
Peak SAR (extrapolated) = 0.4590
SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.274 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.423 mW/g
Date: 2012/04/08
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



KMP7R4E1-2A_WCDMA V(12.2k)_846.6MHz_Right_Cheek
C Communication System: WCDMA V 835M; Communication System Band: WCDMA V band; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.925 mho/m; ε_r = 41.79; ρ = 1000 kg/m^3

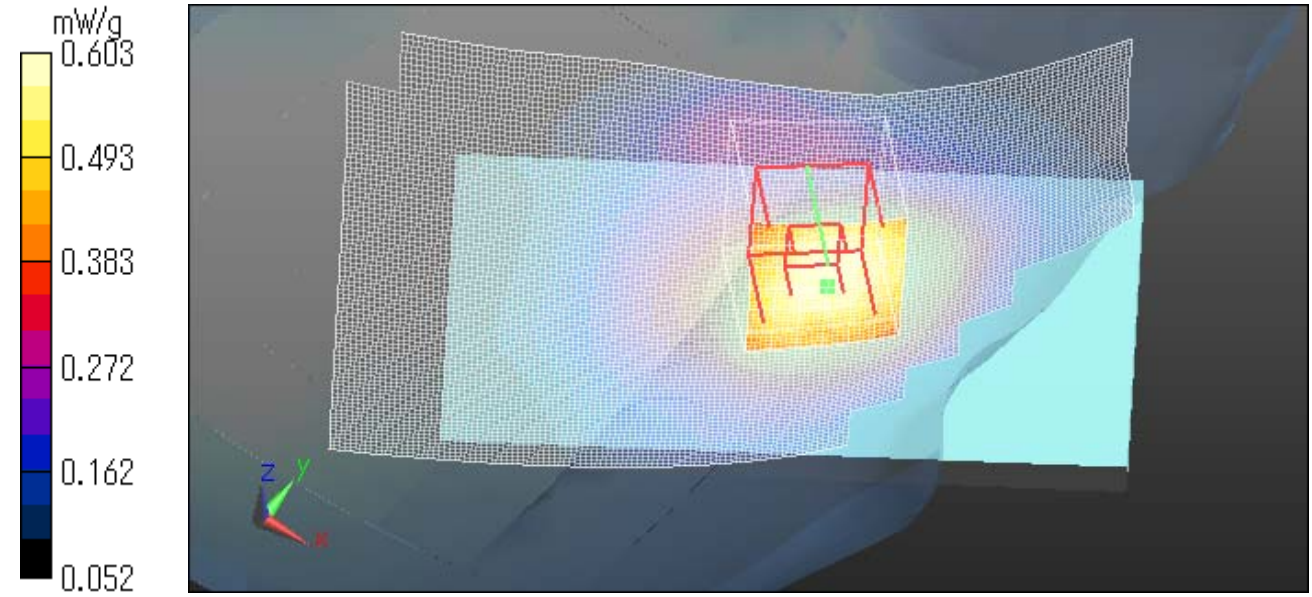
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.39, 9.39, 9.39); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: SAM with CRP; Type: SAM;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (91x151x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.603 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.837 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.6670
SAR(1 g) = 0.516 mW/g; SAR(10 g) = 0.374 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.603 mW/g
Date: 2012/04/08
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



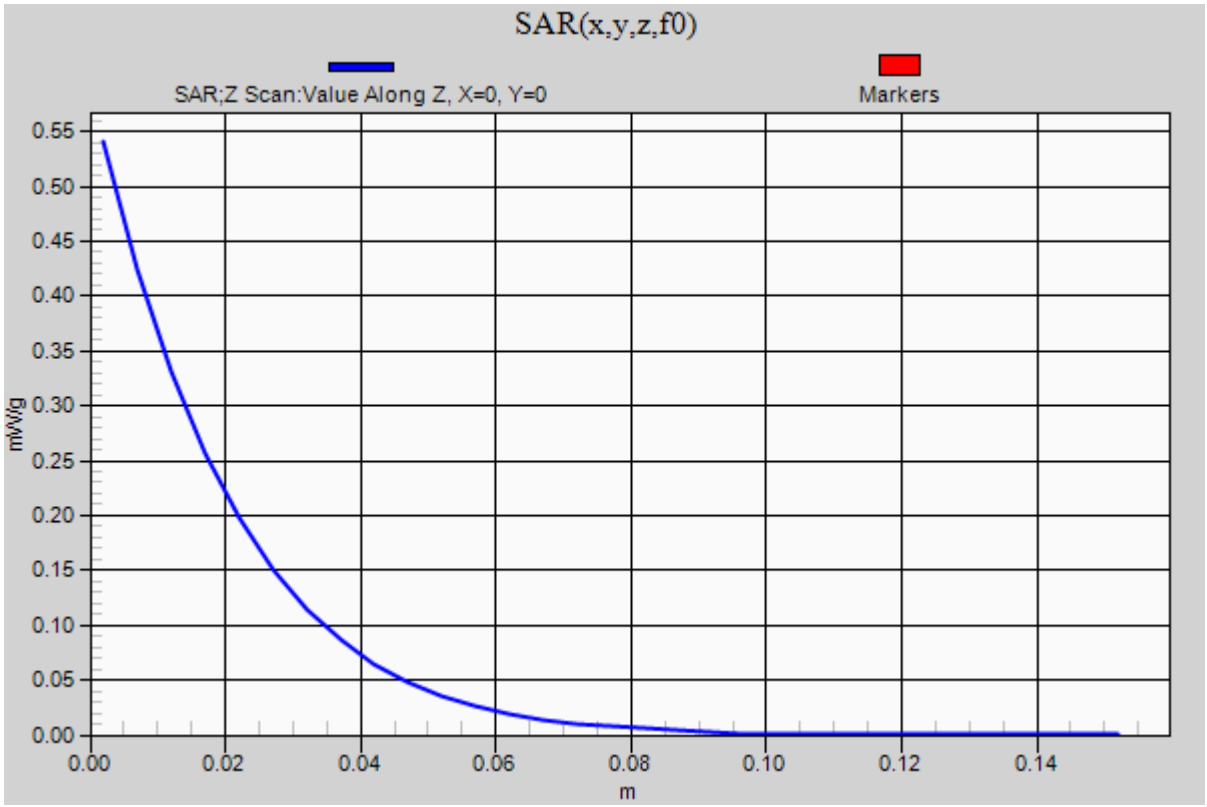
Z scan at maximum SAR location WCDMA V(Head)

KMP7R4E1-2A_WCDMA V(12.2k)_846.6MHz_Right_Cheek
Communication System: WCDMA V 835M; Communication System Band: WCDMA V band; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.925 mho/m; ε_r = 41.79; ρ = 1000 kg/m^3

Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.39, 9.39, 9.39); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: SAM with CRP; Type: SAM;
Measurement SW: DASY52, Version 52.8 (0);

Z Scan (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.541 mW/g
Date: 2012/04/08
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



KMP7R4E1-2A_WCDMA V(12.2k)_846.6MHz_Right_Tilt
Communication System: WCDMA V 835M; Communication System Band: WCDMA V band; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.925 mho/m; ε_r = 41.79; ρ = 1000 kg/m^3

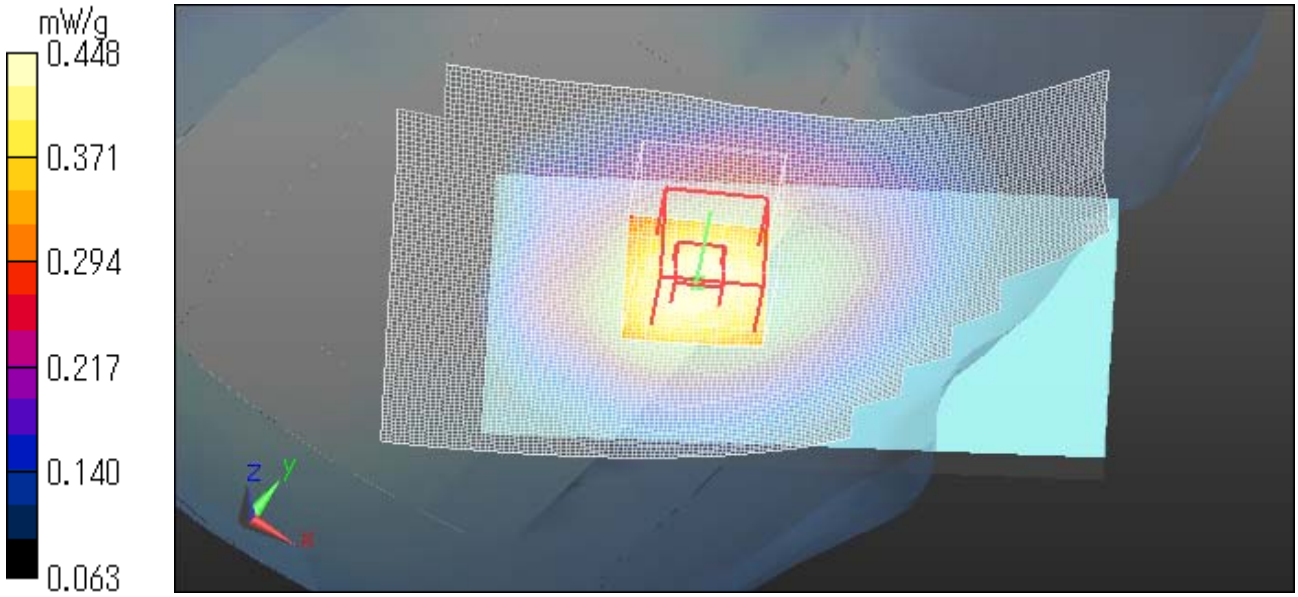
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.39, 9.39, 9.39); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: SAM with CRP; Type: SAM;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (91x151x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.451 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.937 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.4950
SAR(1 g) = 0.384 mW/g; SAR(10 g) = 0.286 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.448 mW/g
Date: 2012/04/08
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



【WCDMA band V Body】

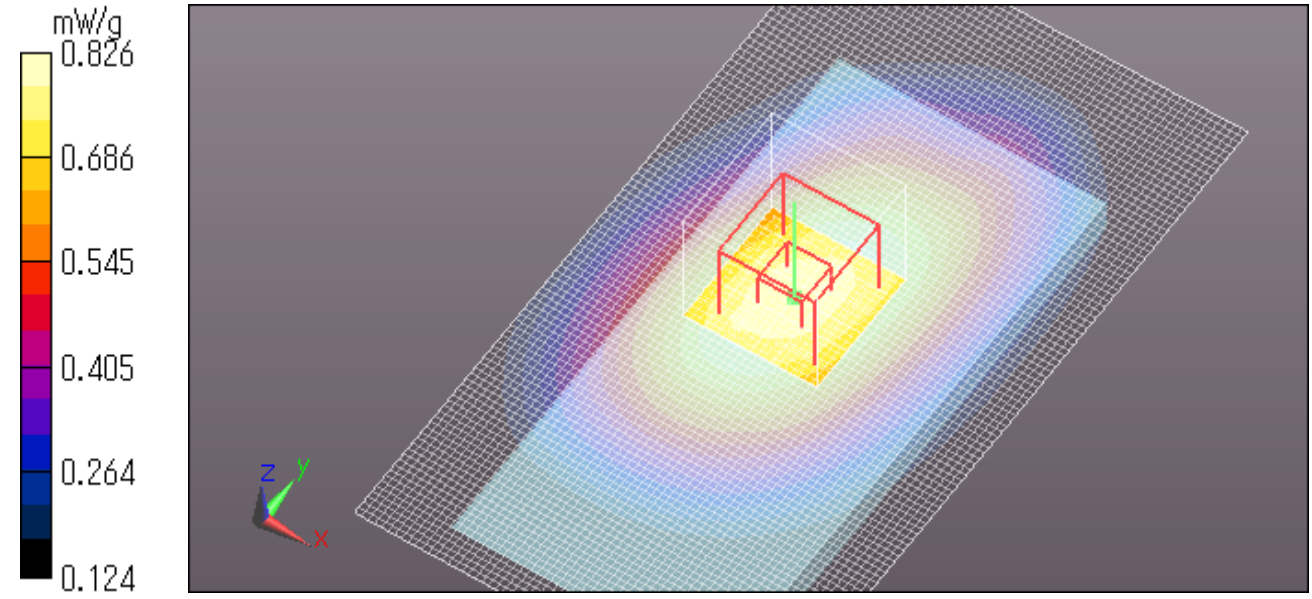
KMP7R4E1-2A_WCDMA V(12.2kRMC)_Body_846.6MHz_Front_10mm
Communication System: WCDMA V 835M; Communication System Band: WCDMA V band; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.97 mho/m; ε_r = 53.365; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.61, 9.61, 9.61); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: ELI 4.0; Type: QDOVA001BA;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.834 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.009 V/m; Power Drift = 0.0052 dB
Peak SAR (extrapolated) = 0.9010
SAR(1 g) = 0.710 mW/g; SAR(10 g) = 0.534 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.826 mW/g
Date: 2012/04/08
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



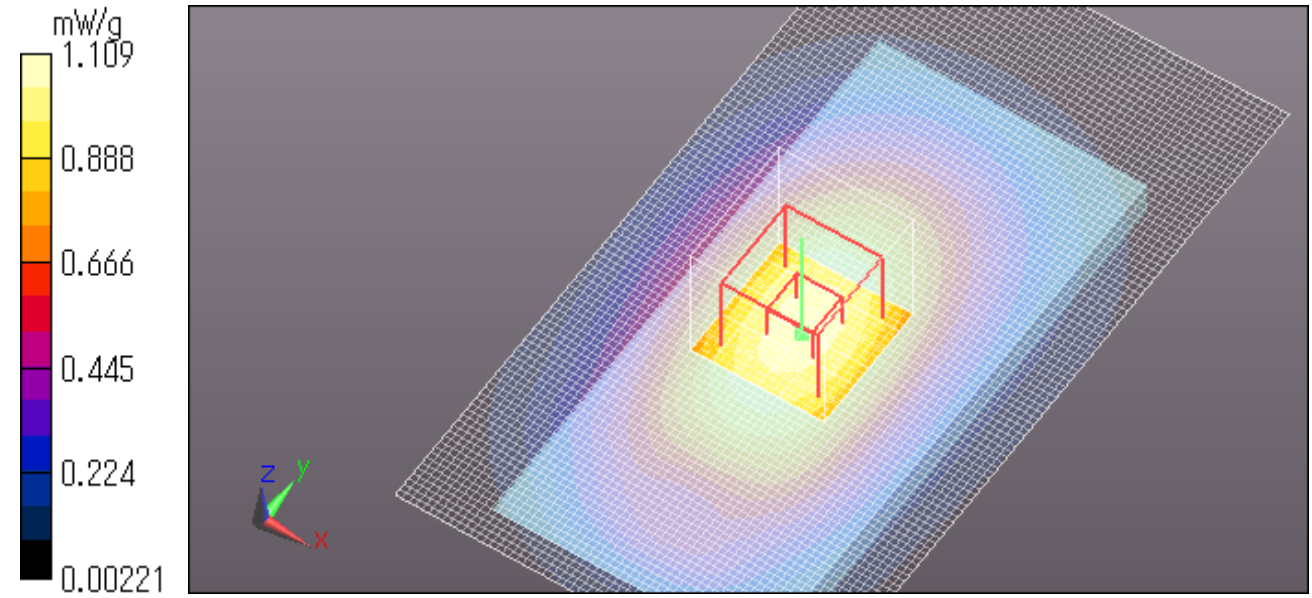
KMP7R4E1-2A_WCDMA V(12.2kRMC)_Body_846.6MHz_Rear_10mm
Communication System: WCDMA V 835M; Communication System Band: WCDMA V band; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.97 mho/m; ε_r = 53.365; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.61, 9.61, 9.61); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: ELI 4.0; Type: QDOVA001BA;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.109 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 34.091 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.2050
SAR(1 g) = 0.931 mW/g; SAR(10 g) = 0.679 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.091 mW/g
Date: 2012/04/08
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

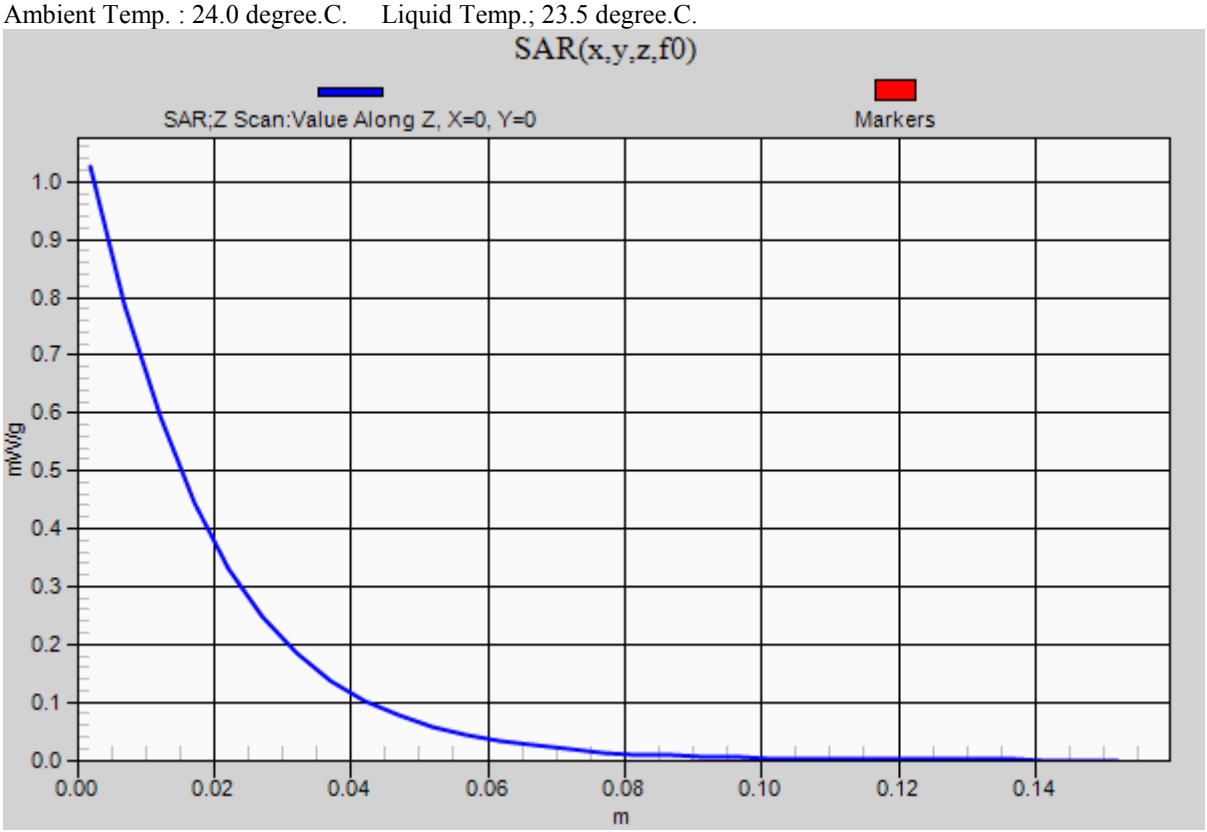


Z scan at maximum SAR location WCDMA V(Body)

KMP7R4E1-2A_WCDMA V(12.2kRMC)_Body_846.6MHz_Rear_10mm
Communication System: WCDMA V 835M; Communication System Band: WCDMA V band; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.97 mho/m; ε_r = 53.365; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.61, 9.61, 9.61); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: ELI 4.0; Type: QDOVA001BA;
Measurement SW: DASY52, Version 52.8 (0);

Z Scan (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.026 mW/g
Date: 2012/04/08
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



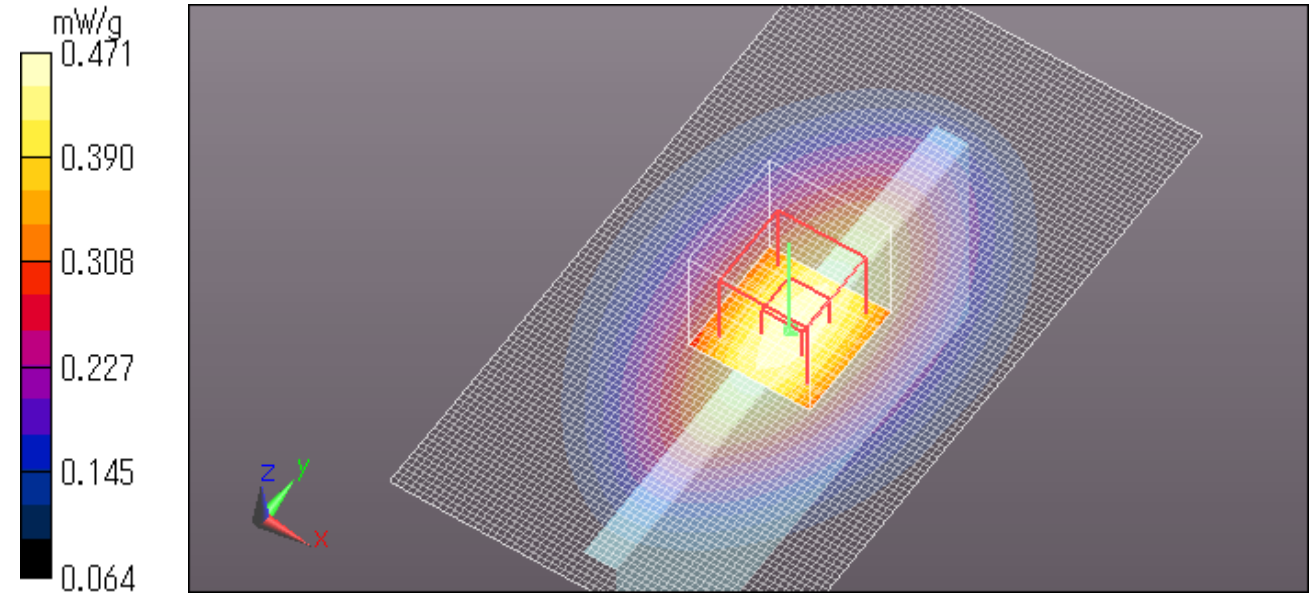
KMP7R4E1-2A_WCDMA V(12.2kRMC)_Body_846.6MHz_Right edge_10mm
Communication System: WCDMA V 835M; Communication System Band: WCDMA V band; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.97 mho/m; ε_r = 53.365; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.61, 9.61, 9.61); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: ELI 4.0; Type: QDOVA001BA;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.474 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.470 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.5290
SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.282 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.471 mW/g
Date: 2012/04/08
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



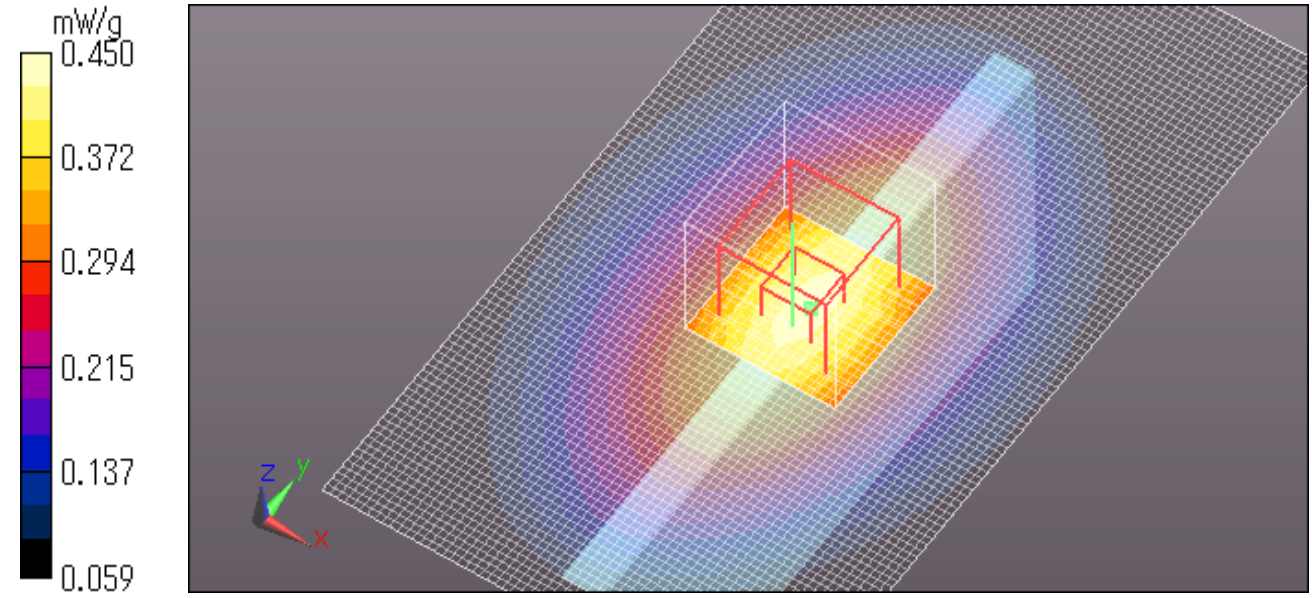
KMP7R4E1-2A_WCDMA V(12.2kRMC)_Body_846.6MHz_Left edge_10mm
Communication System: WCDMA V 835M; Communication System Band: WCDMA V band; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.97 mho/m; ε_r = 53.365; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.61, 9.61, 9.61); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: ELI 4.0; Type: QDOVA001BA;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.441 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.114 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.5020
SAR(1 g) = 0.372 mW/g; SAR(10 g) = 0.268 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.450 mW/g
Date: 2012/04/08
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



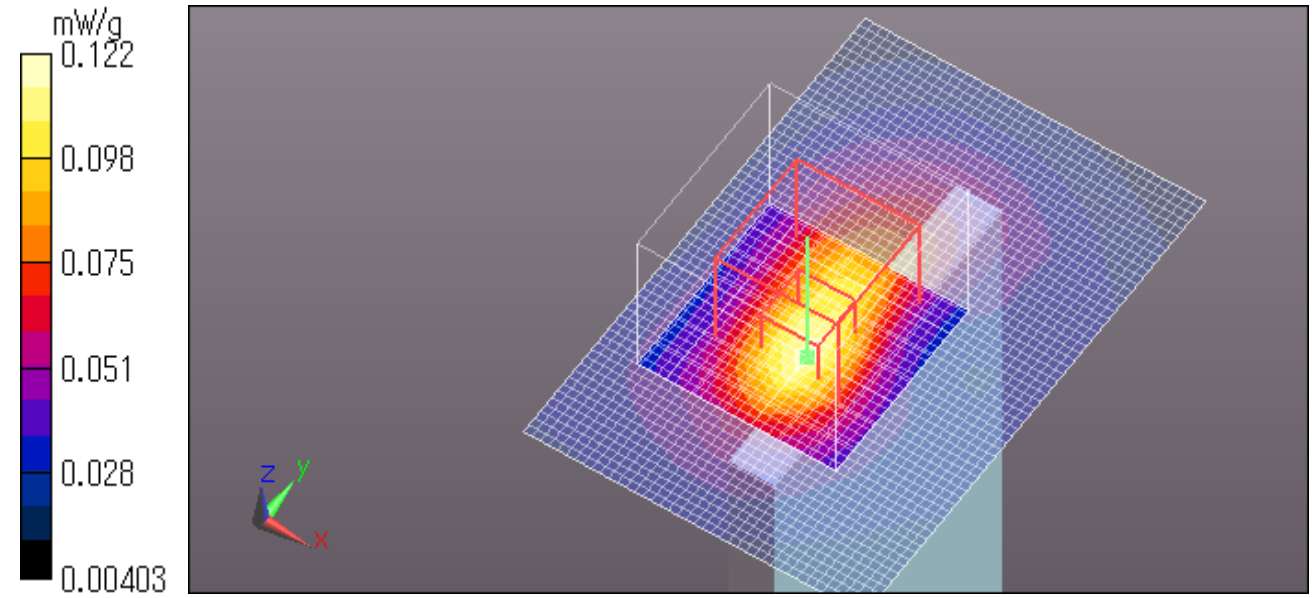
KMP7R4E1-2A_WCDMA V(12.2kRMC)_Body_846.6MHz_Bottom edge_10mm
Communication System: WCDMA V 835M; Communication System Band: WCDMA V band; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.97 mho/m; ε_r = 53.365; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.61, 9.61, 9.61); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: ELI 4.0; Type: QDOVA001BA;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.114 mW/g

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.152 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.1670
SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.045 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.122 mW/g
Date: 2012/04/08
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



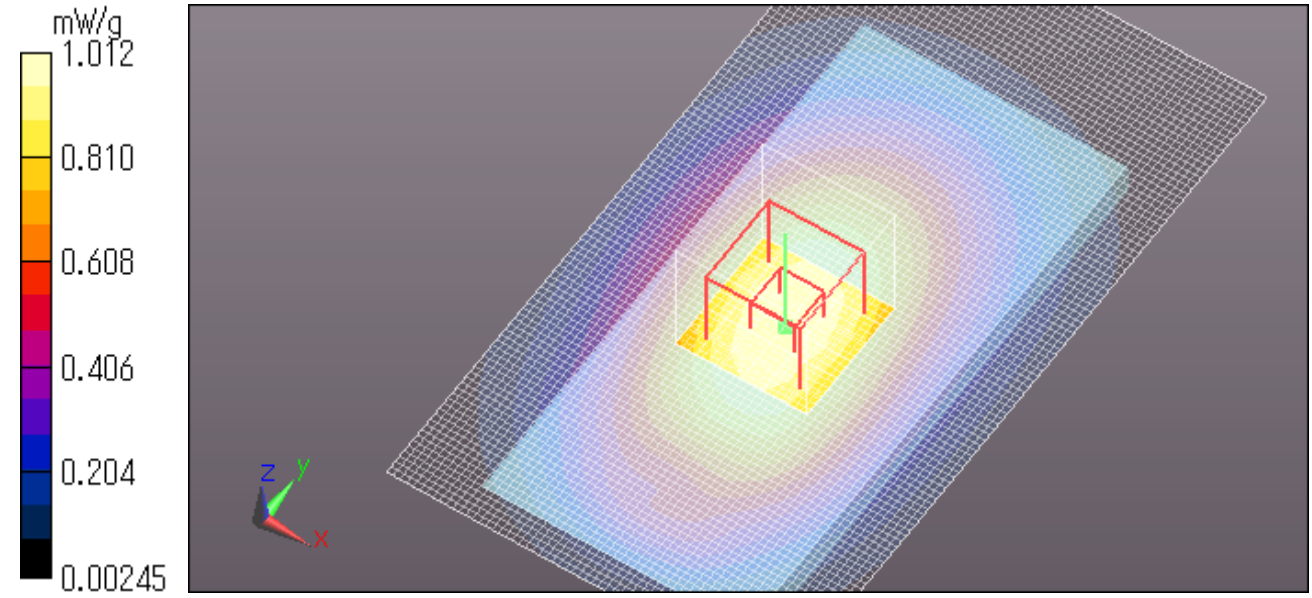
KMP7R4E1-2A_WCDMA V(12.2kRMC)_Body_826.4MHz_Rear_10mm
Communication System: WCDMA V 835M; Communication System Band: WCDMA V band; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.949 mho/m; ε_r = 53.545; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.61, 9.61, 9.61); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: ELI 4.0; Type: QDOVA001BA;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.012 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 33.247 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.1290
SAR(1 g) = 0.881 mW/g; SAR(10 g) = 0.649 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.024 mW/g
Date: 2012/04/08
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



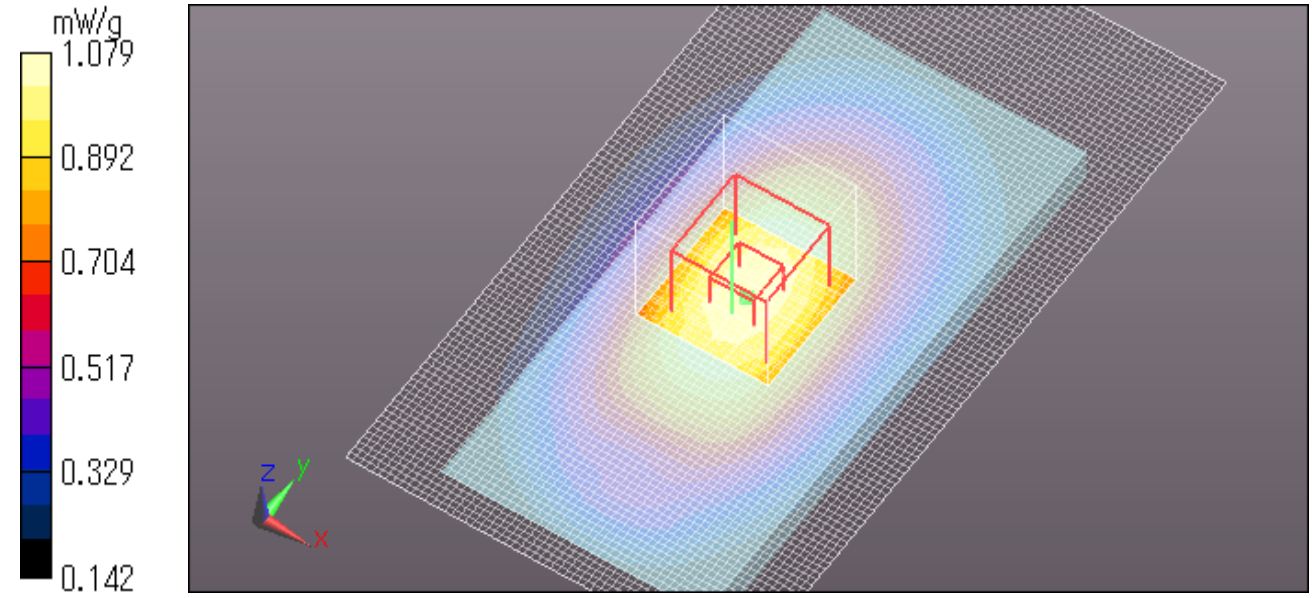
KMP7R4E1-2A_WCDMA V(12.2kRMC)_Body_836.6MHz_Rear_10mm
Communication System: WCDMA V 835M; Communication System Band: WCDMA V band; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.96 mho/m; ε_r = 53.459; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.61, 9.61, 9.61); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: ELI 4.0; Type: QDOVA001BA;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.092 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 34.103 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.1940
SAR(1 g) = 0.923 mW/g; SAR(10 g) = 0.674 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.079 mW/g
Date: 2012/04/08
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



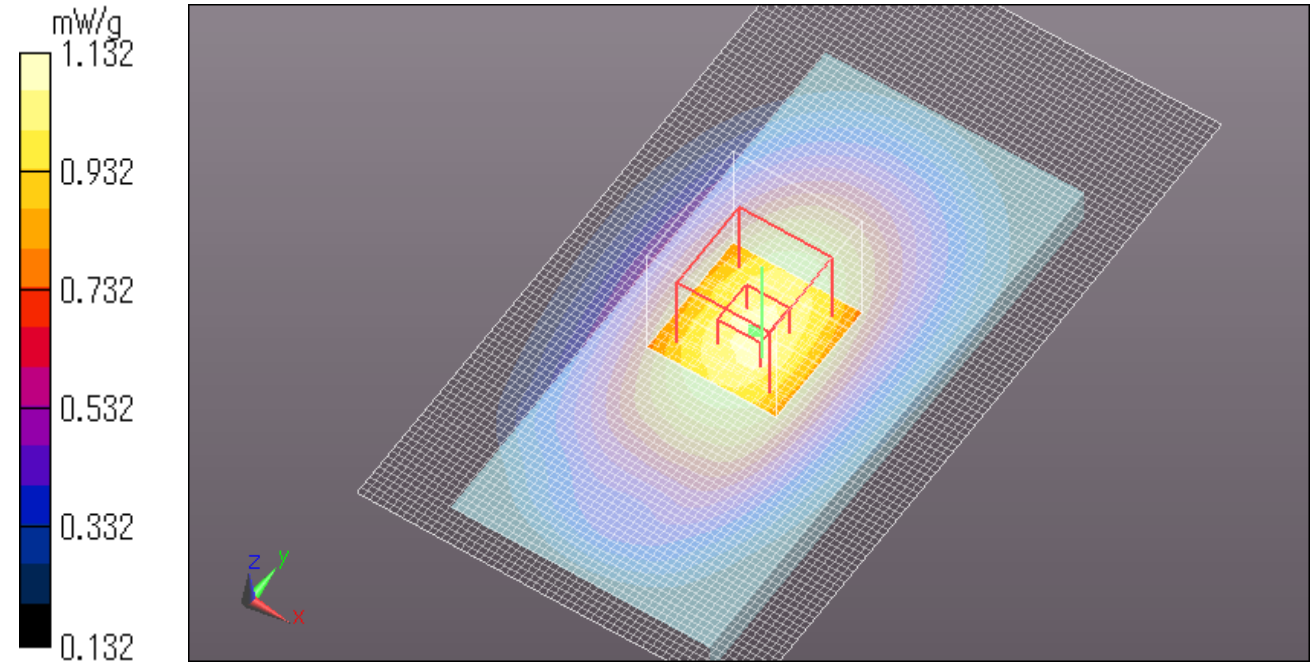
KMP7R4E1-2A_WCDMA V(12.2k)_Body_846.6MHz_Rear_10mm_Another sample: Chassis's color: Pink
Communication System: WCDMA V 835M; Communication System Band: WCDMA V band; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.97 mho/m; ε_r = 53.365; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.61, 9.61, 9.61); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: ELI 4.0; Type: QDOVA001BA;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.081 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 33.892 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.2670
SAR(1 g) = 0.937 mW/g; SAR(10 g) = 0.685 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.132 mW/g
Date: 2012/04/10
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

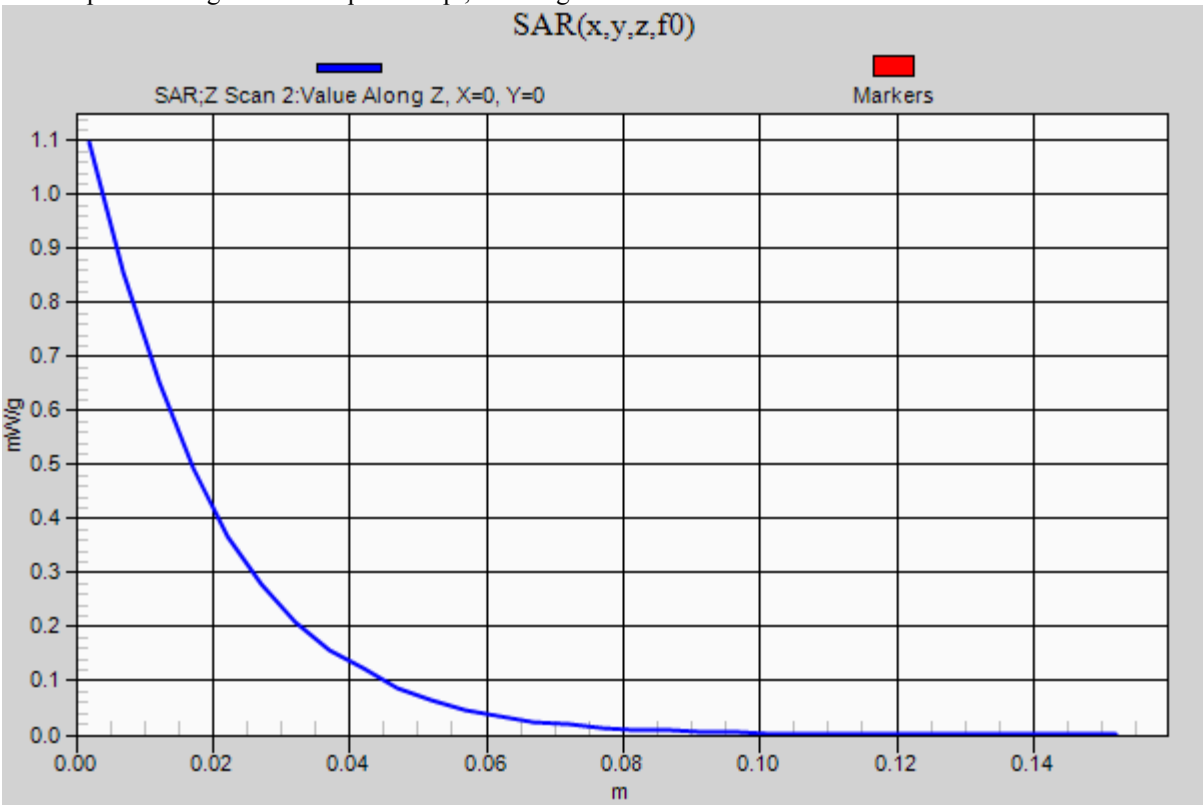


Z scan at maximum SAR location WCDMA V(Body)

KMP7R4E1-2A_WCDMA V(12.2k)_Body_846.6MHz_Rear_10mm_Another sample: Chassis's color: Pink
Communication System: WCDMA V 835M; Communication System Band: WCDMA V band; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.97 mho/m; ε_r = 53.365; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(9.61, 9.61, 9.61); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: ELI 4.0; Type: QDOVA001BA;
Measurement SW: DASY52, Version 52.8 (0);

Z Scan (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.097 mW/g
Date: 2012/04/10
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



【WLAN Head】

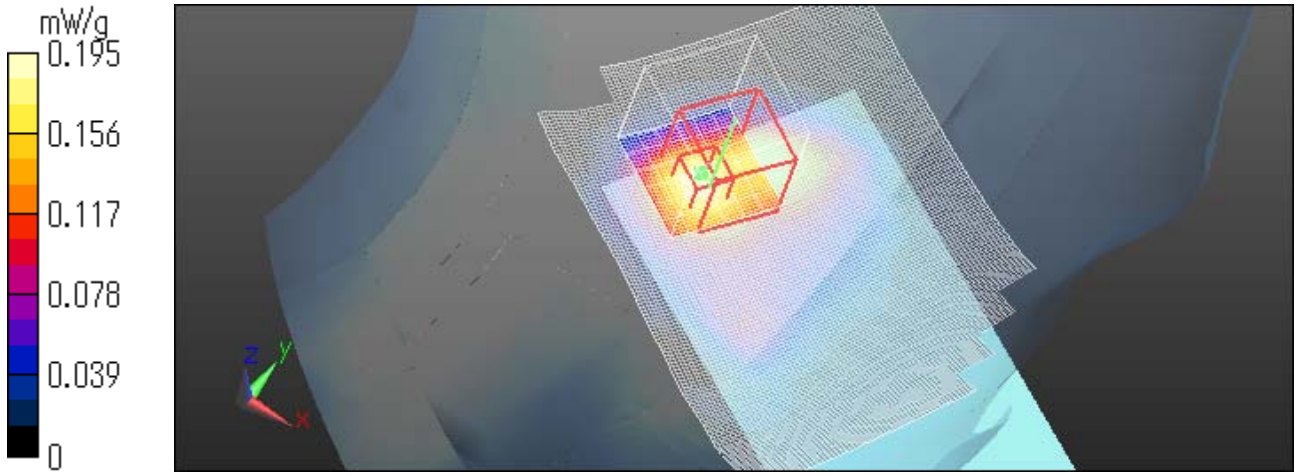
KMP7R4E1-2A_WLAN 11b(1Mbps)_2437MHz_Left_Cheek
Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.811 mho/m; ε_r = 37.506; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(7.44, 7.44, 7.44); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: SAM with CRP; Type: SAM;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (91x131x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.195 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.452 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.2580
SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.071 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.189 mW/g
Date: 2012/04/16
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



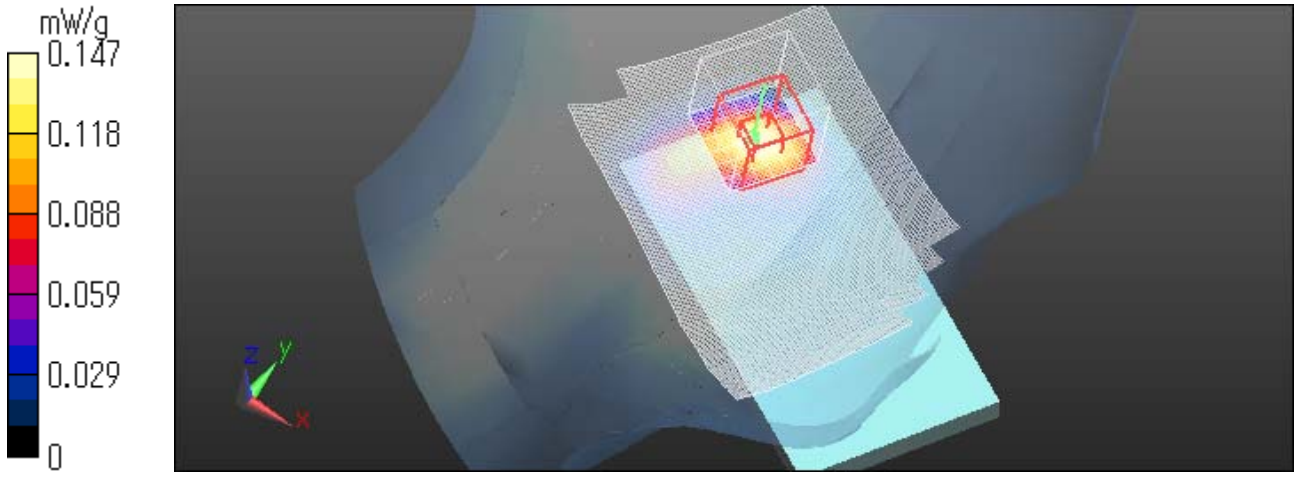
KMP7R4E1-2A_WLAN 11b(1Mbps)_2437MHz_Left_Tilt
Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.811 mho/m; ε_r = 37.506; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(7.44, 7.44, 7.44); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: SAM with CRP; Type: SAM;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (91x131x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.152 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.391 V/m; Power Drift = 0.0091 dB
Peak SAR (extrapolated) = 0.1930
SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.053 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.147 mW/g
Date: 2012/04/16
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



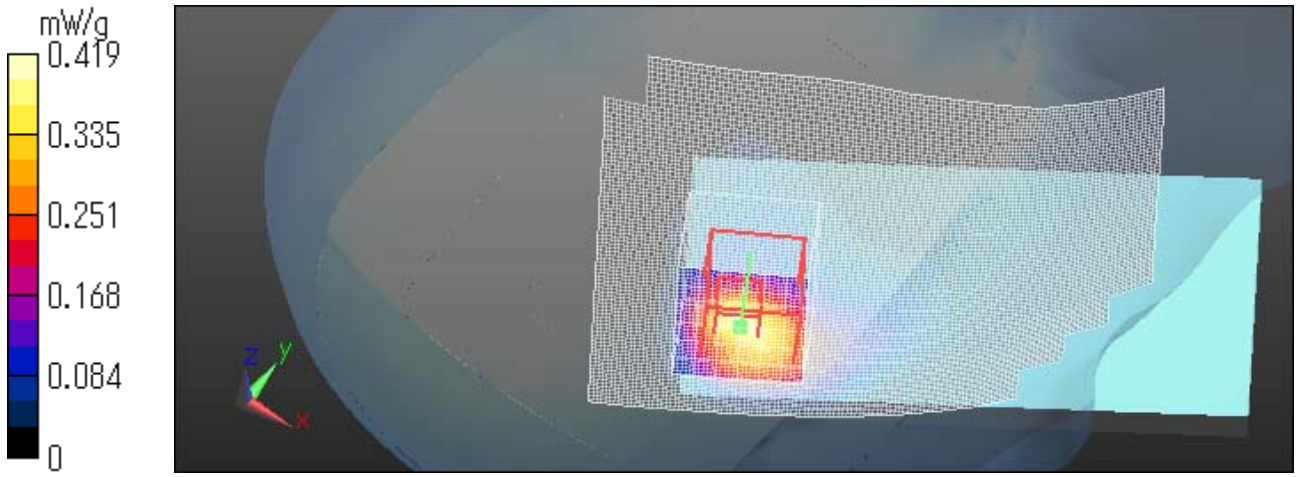
KMP7R4E1-2A_WLAN 11b(1Mbps)_2437MHz_Right_Cheek
Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.811 mho/m; ε_r = 37.506; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(7.44, 7.44, 7.44); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: SAM with CRP; Type: SAM;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (91x131x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.419 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.727 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.5470
SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.123 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.386 mW/g
Date: 2012/04/16
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

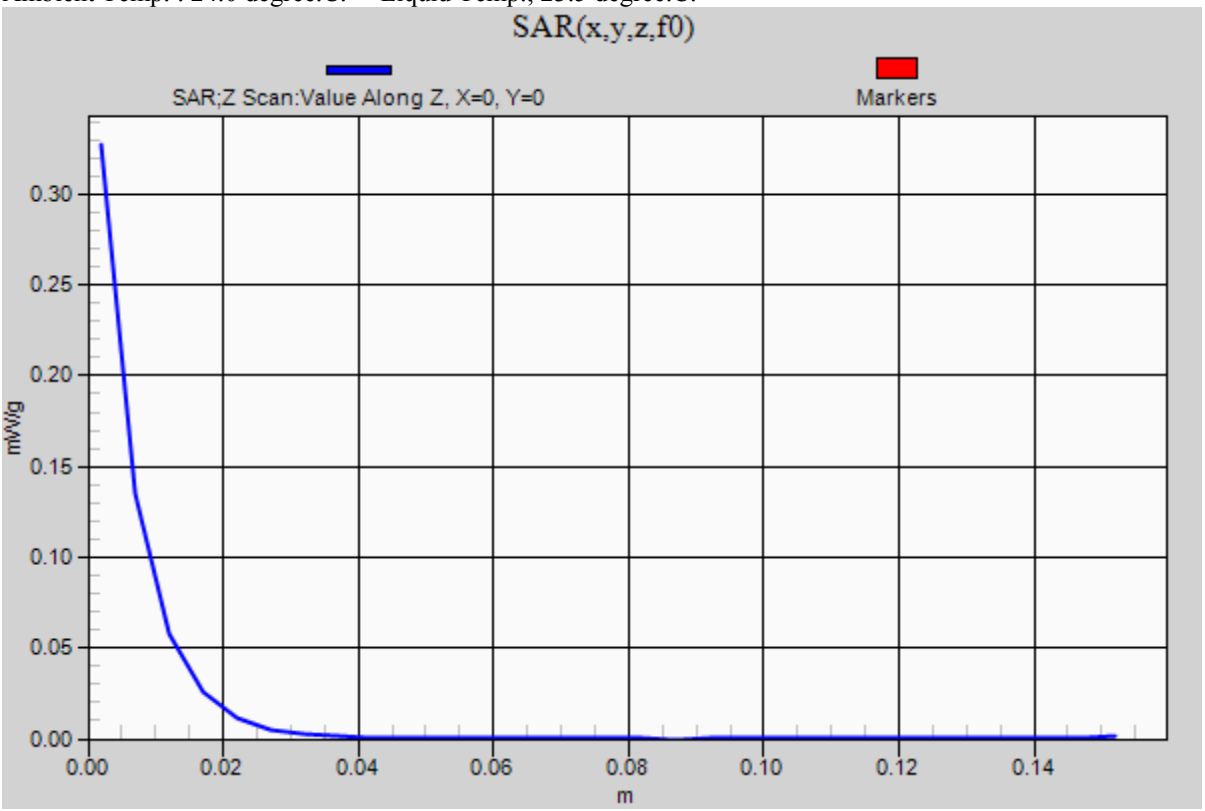


Z scan at maximum SAR location WLAN(Head)

KMP7R4E1-2A_WLAN 11b(1Mbps)_2437MHz_Right_Cheek
Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.811 mho/m; ε_r = 37.506; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(7.44, 7.44, 7.44); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: SAM with CRP; Type: SAM;
Measurement SW: DASY52, Version 52.8 (0);

Z Scan (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.327 mW/g
Date: 2012/04/16
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



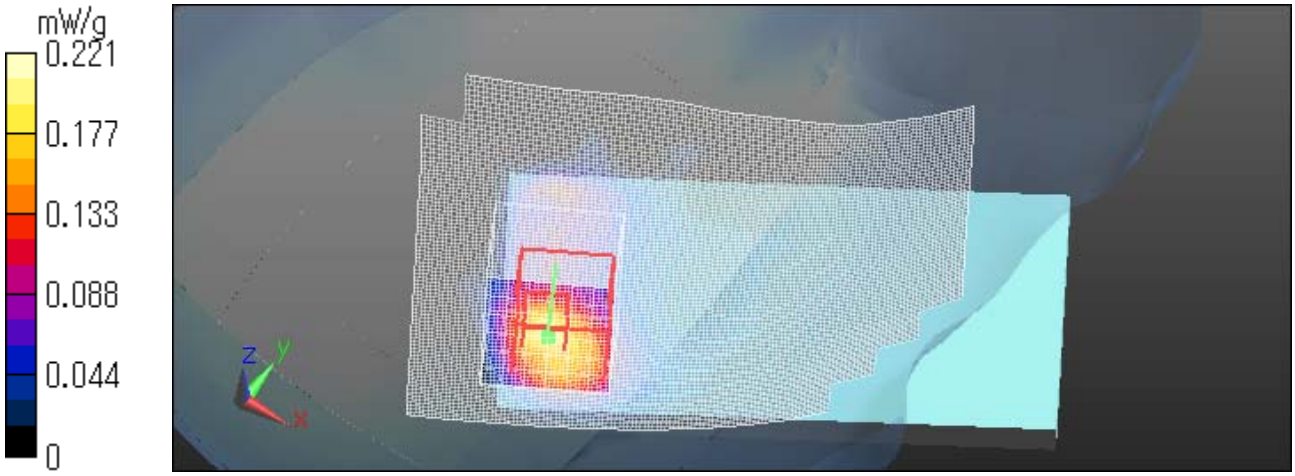
KMP7R4E1-2A_WLAN 11b(1Mbps)_2437MHz_Right_Tilt
Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.811 mho/m; ε_r = 37.506; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(7.44, 7.44, 7.44); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: SAM with CRP; Type: SAM;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (91x131x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.221 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.417 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.2680
SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.060 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.190 mW/g
Date: 2012/04/16
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



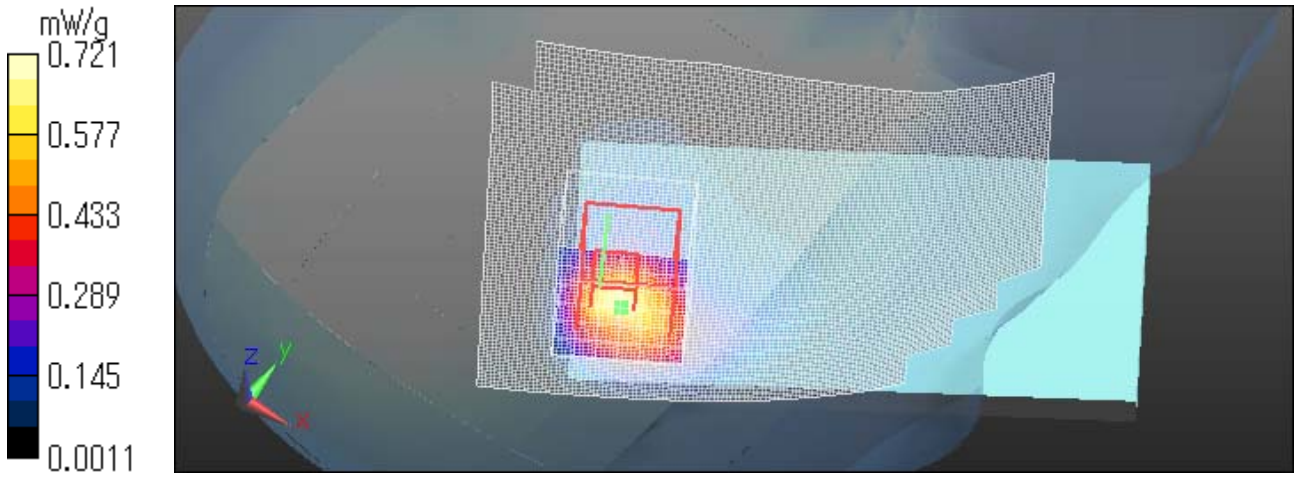
KMP7R4E1-2A_WLAN 11b(1Mbps)_2437MHz_Right_Cheek Another sample: Chassis's color: Pink
Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.811 mho/m; ε_r = 37.506; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(7.44, 7.44, 7.44); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: SAM with CRP; Type: SAM;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (91x131x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.736 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.833 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.0220
SAR(1 g) = 0.463 mW/g; SAR(10 g) = 0.208 mW/g

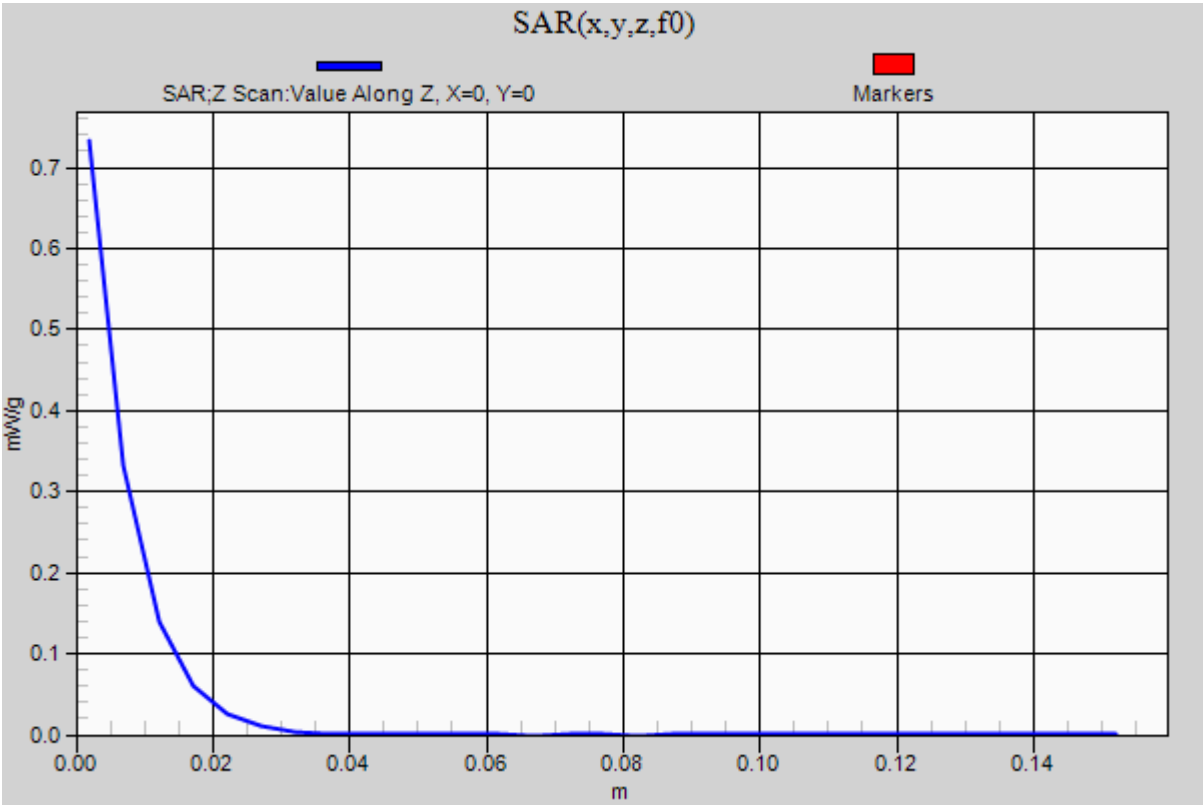
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.721 mW/g
Date: 2012/04/16
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Z scan at maximum SAR location WLAN(Head)

KMP7R4E1-2A_WLAN 11b(1Mbps)_2437MHz_Right_Cheek Another sample: Chassis's color: Pink
Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.811 mho/m; ε_r = 37.506; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(7.44, 7.44, 7.44); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: SAM with CRP; Type: SAM;
Measurement SW: DASY52, Version 52.8 (0);
Z Scan (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.733 mW/g
Date: 2012/04/16
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



【WLAN Body】

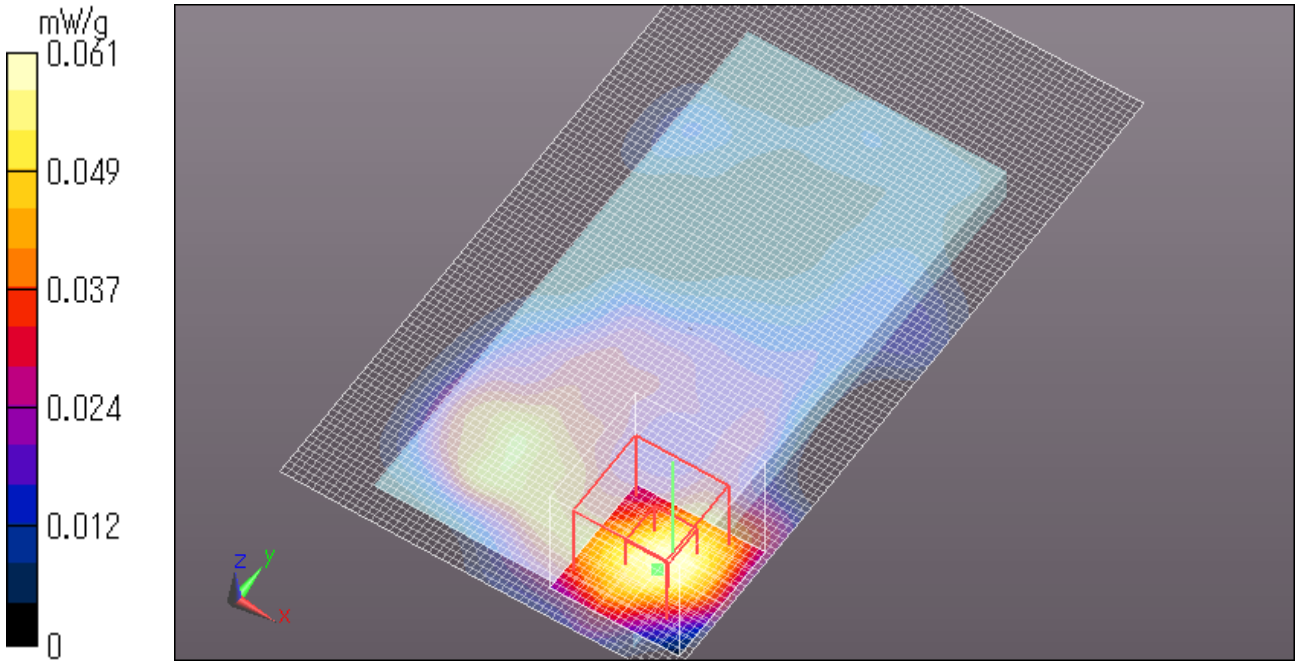
KMP7R4E1-2A_WLAN 11b(1Mbps)_Body_2437MHz_Front_10mm
Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.968 mho/m; ε_r = 50.191; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(7.23, 7.23, 7.23); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: ELI 4.0; Type: QDOVA001BA;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.068 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.606 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.0880
SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.019 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.061 mW/g
Date: 2012/04/10
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



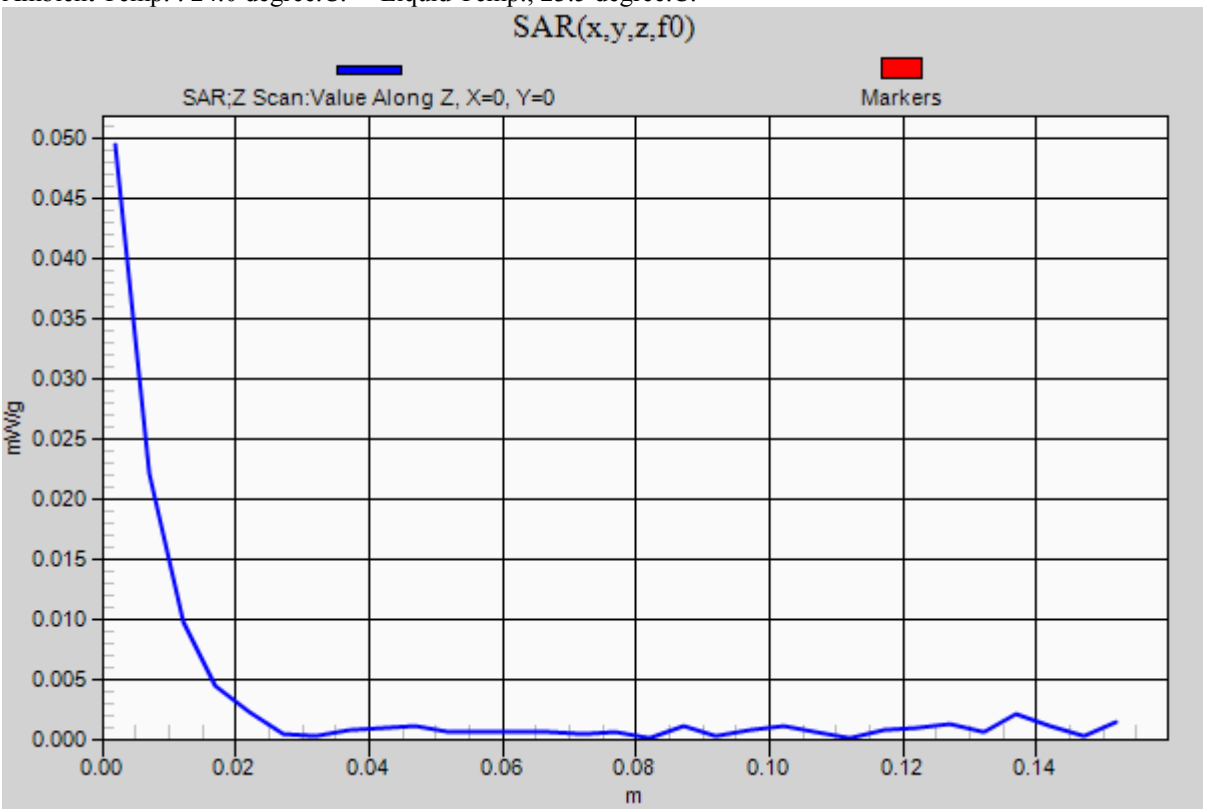
Z scan at maximum SAR location WLAN(Body)

KMP7R4E1-2A_WLAN 11b(1Mbps)_Body_2437MHz_Front_10mm
Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.968 mho/m; ε_r = 50.191; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(7.23, 7.23, 7.23); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: ELI 4.0; Type: QDOVA001BA;
Measurement SW: DASY52, Version 52.8 (0);

Z Scan (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.049 mW/g

Date: 2012/04/10
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



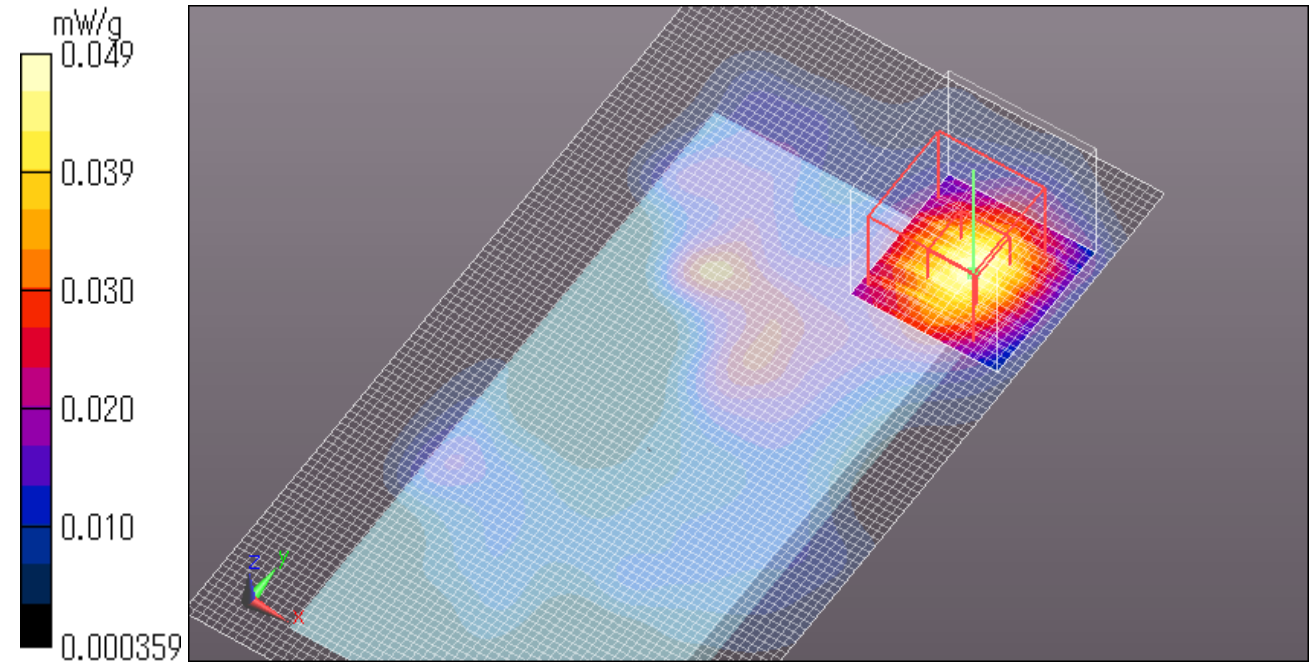
KMP7R4E1-2A_WLAN 11b(1Mbps)_Body_2437MHz_Rear_10mm
Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.968 mho/m; ε_r = 50.191; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(7.23, 7.23, 7.23); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: ELI 4.0; Type: QDOVA001BA;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.050 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.625 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.0680
SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.016 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.049 mW/g
Date: 2012/04/10
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



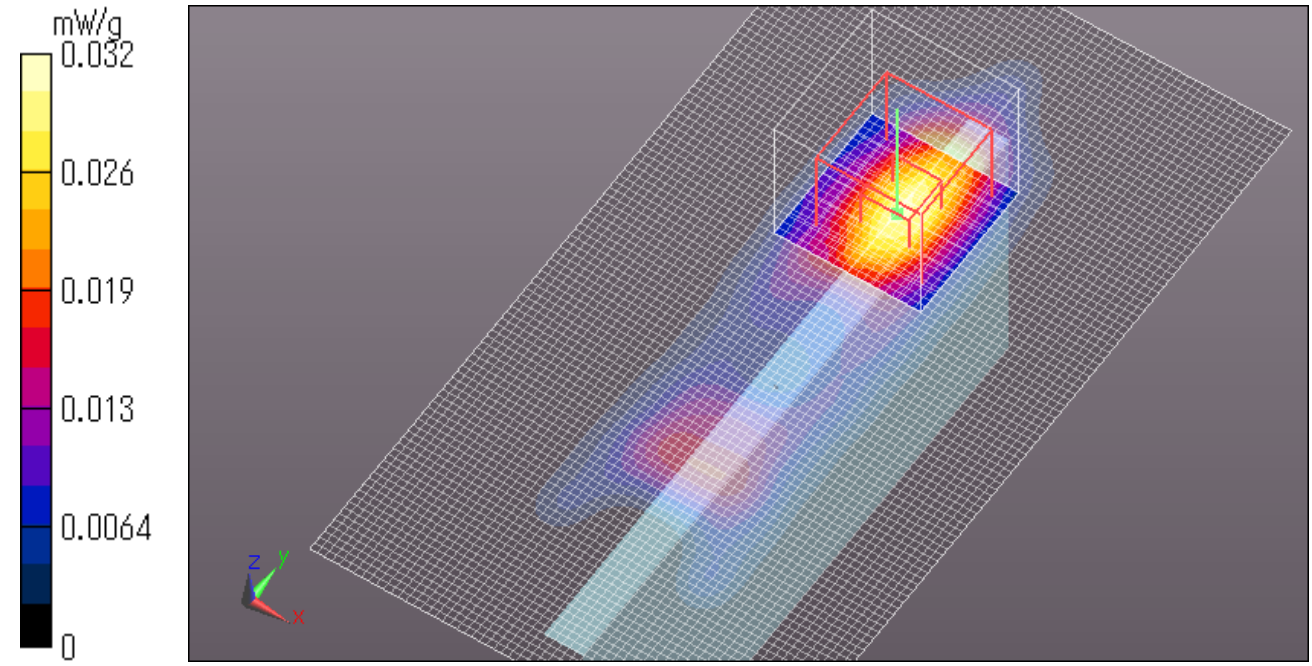
KMP7R4E1-2A_WLAN 11b(1Mbps)_Body_2437MHz_Left edge_10mm
Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.968 mho/m; ε_r = 50.191; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(7.23, 7.23, 7.23); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: ELI 4.0; Type: QDOVA001BA;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.036 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.722 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.0390
SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.00914 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.032 mW/g
Date: 2012/04/10
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



KMP7R4E1-2A_WLAN 11b(1Mbps)_Body_2437MHz_Top edge_10mm
Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.968 mho/m; ε_r = 50.191; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(7.23, 7.23, 7.23); Calibrated: 2011/12/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: ELI 4.0; Type: QDOVA001BA;
Measurement SW: DASY52, Version 52.8 (0);

Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.019 mW/g

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.107 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.0280
SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00621 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.020 mW/g
Date: 2012/04/10
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.