APPENDIX 2 : 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. 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 was assessed by measuring 7 x 7 x 7 points. 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 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. SAR Measurement data

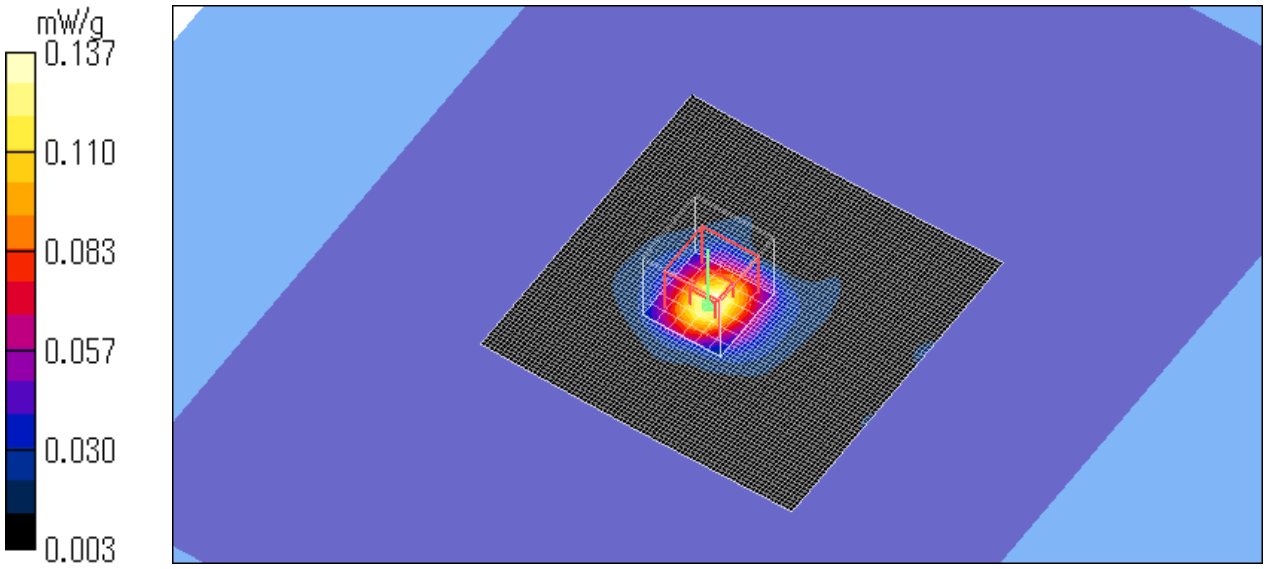
NJT-511/ Top / CCK (11Mbps) / 2437MHz

Crest factor:1
Medium: M2450 Medium parameters used: f = 2450 MHz; σ = 2 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(8, 8, 8); Calibrated: 2007/06/15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom 4.3
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (81x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.132 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.03 V/m; Power Drift = -0.059 dB
Peak SAR (extrapolated) = 0.165 W/kg
SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.051 mW/g
Maximum value of SAR (measured) = 0.137 mW/g

Test Date = 10/05/07
Ambient Temperature = 24.5 degree.c
Liquid Temperature = Before 24.0 degree.C , After 24.0 degree.C



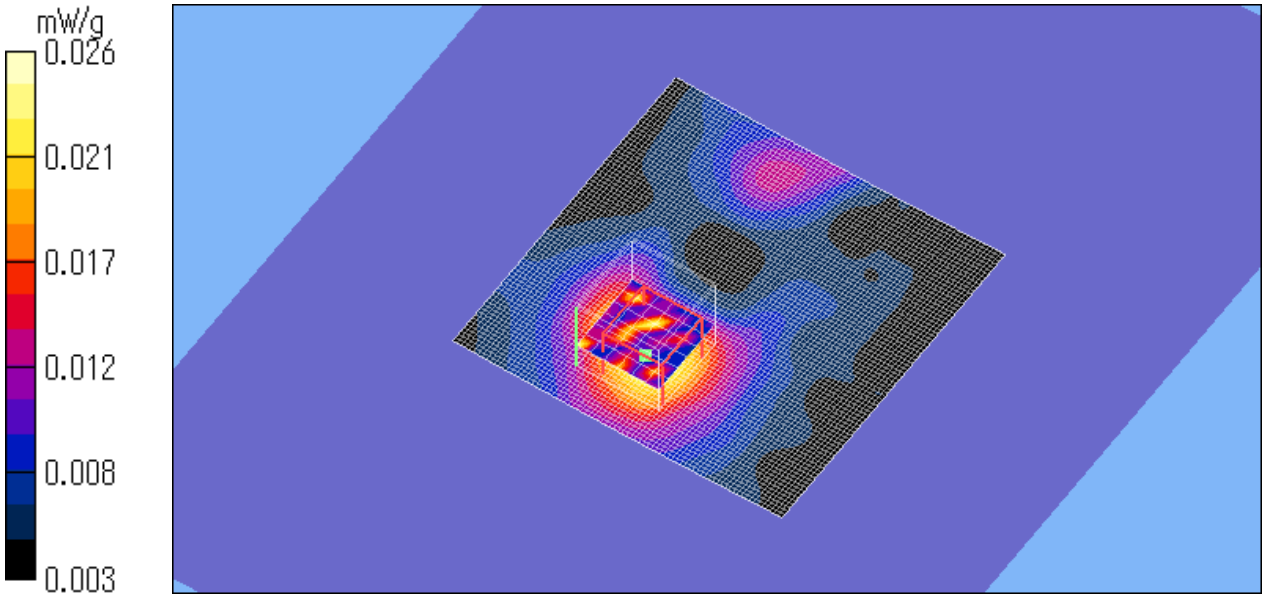
NJT-511/ Front / CCK (11Mbps) / 2437MHz

Crest factor:1
Medium: M2450 Medium parameters used: f = 2450 MHz; σ = 2 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(8, 8, 8); Calibrated: 2007/06/15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom 4.3
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (81x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.026 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.44 V/m; Power Drift = -0.107 dB
Peak SAR (extrapolated) = 0.036 W/kg
SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.012 mW/g
Maximum value of SAR (measured) = 0.026 mW/g

Test Date = 10/05/07
Ambient Temperature = 24.5 degree.c
Liquid Temperature = Before 24.0 degree.C , After 24.0 degree.C



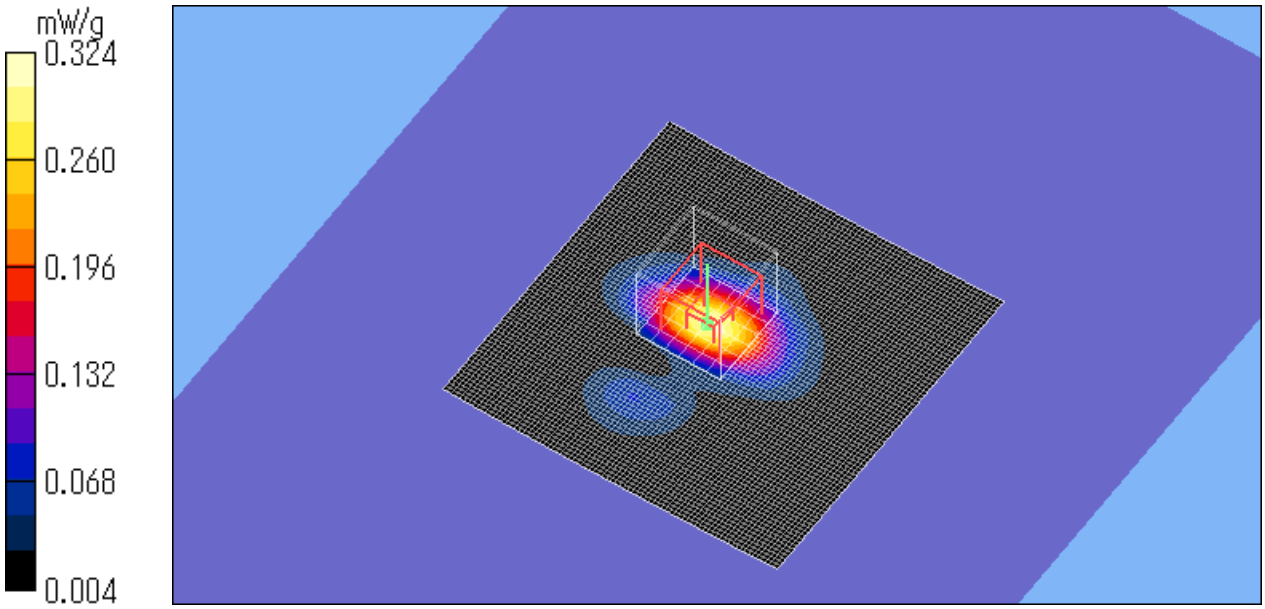
NJT-511/ Rear / CCK (11Mbps) / 2437MHz

Crest factor:1
Medium: M2450 Medium parameters used: f = 2450 MHz; σ = 2 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(8, 8, 8); Calibrated: 2007/06/15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom 4.3
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (81x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.369 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.6 V/m; Power Drift = -0.112 dB
Peak SAR (extrapolated) = 0.404 W/kg
SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.119 mW/g
Maximum value of SAR (measured) = 0.324 mW/g

Test Date = 10/05/07
Ambient Temperature = 24.5 degree.c
Liquid Temperature = Before 24.0 degree.C , After 24.0 degree.C



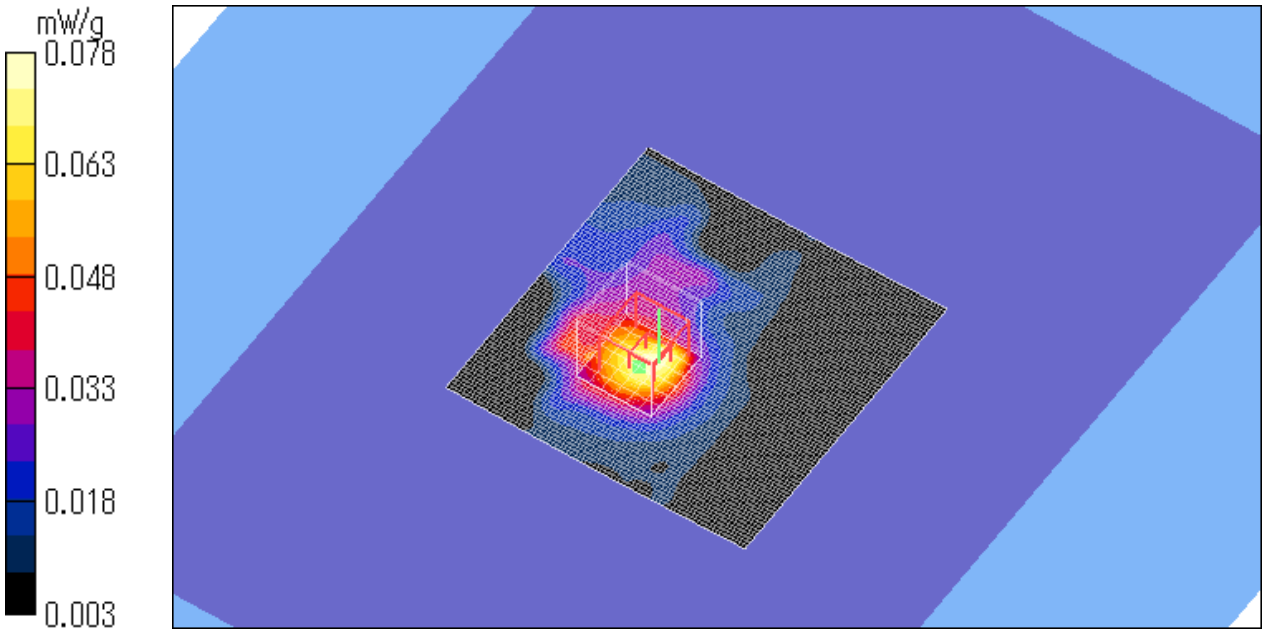
NJT-511/ Left Side / CCK (11Mbps) / 2437MHz

Crest factor:1
Medium: M2450 Medium parameters used: f = 2450 MHz; σ = 2 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(8, 8, 8); Calibrated: 2007/06/15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom 4.3
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (81x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.075 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.90 V/m; Power Drift = -0.189 dB
Peak SAR (extrapolated) = 0.109 W/kg
SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.032 mW/g
Maximum value of SAR (measured) = 0.078 mW/g

Test Date = 10/05/07
Ambient Temperature = 24.5 degree.c
Liquid Temperature = Before 24.0 degree.C , After 23.9 degree.C



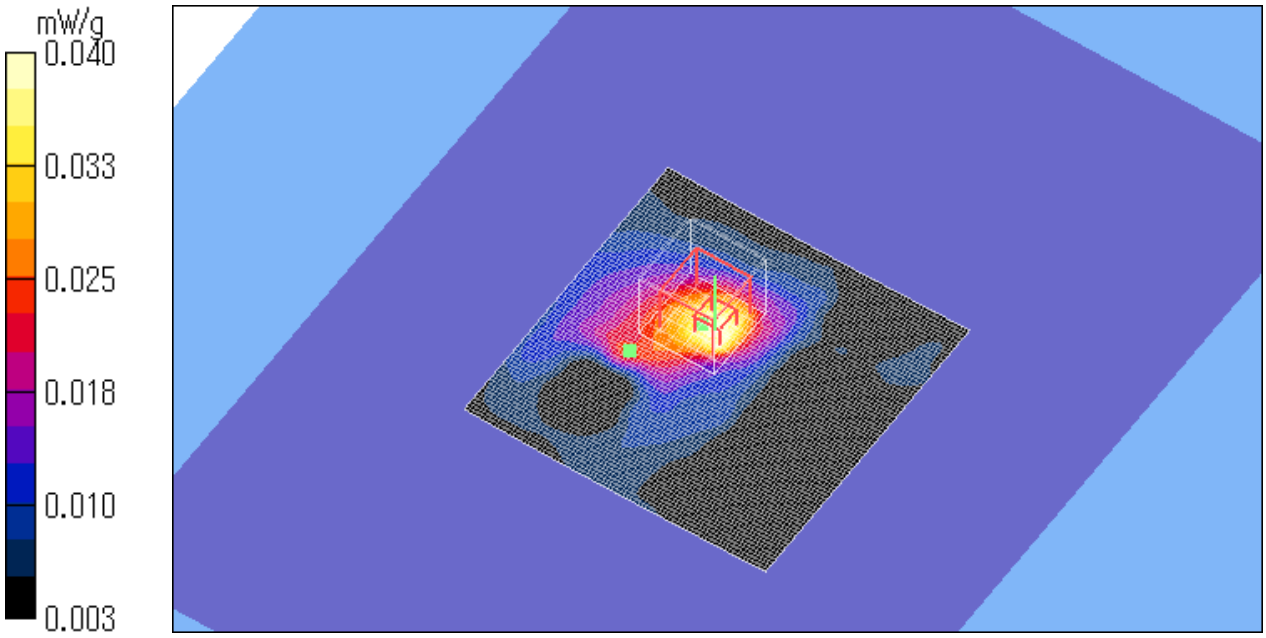
NJT-511/ Right Side / CCK (11Mbps) / 2437MHz

Crest factor:1
Medium: M2450 Medium parameters used: f = 2450 MHz; σ = 2 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(8, 8, 8); Calibrated: 2007/06/15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom 4.3
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (81x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.038 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.80 V/m; Power Drift = 0.110 dB
Peak SAR (extrapolated) = 0.048 W/kg
SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.017 mW/g
Maximum value of SAR (measured) = 0.040 mW/g

Test Date = 10/05/07
Ambient Temperature = 24.5 degree.c
Liquid Temperature = Before 23.9 degree.C , After 23.9 degree.C



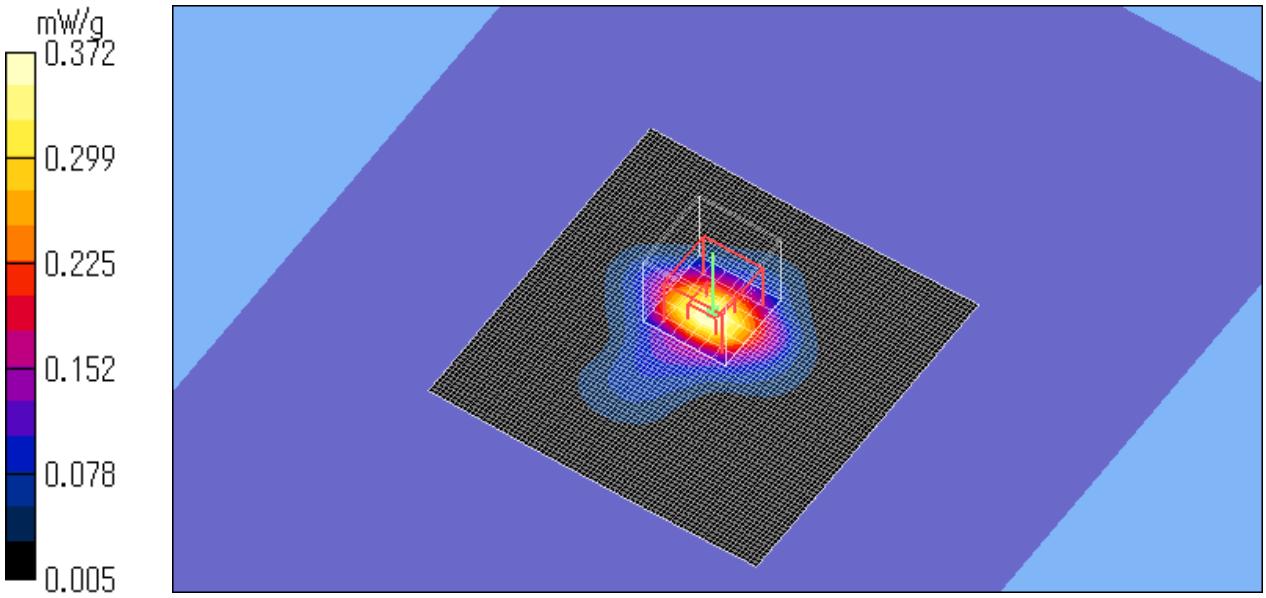
NJT-511/ Rear / CCK (11Mbps) / 2412MHz

Crest factor:1
Medium: M2450 Medium parameters used: f = 2450 MHz; σ = 2 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(8, 8, 8); Calibrated: 2007/06/15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom 4.3
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (81x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.371 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.45 V/m; Power Drift = -0.196 dB
Peak SAR (extrapolated) = 0.475 W/kg
SAR(1 g) = 0.275 mW/g; SAR(10 g) = 0.142 mW/g
Maximum value of SAR (measured) = 0.372 mW/g

Test Date = 10/05/07
Ambient Temperature = 24.5 degree.c
Liquid Temperature = Before 23.8 degree.C , After 23.8 degree.C



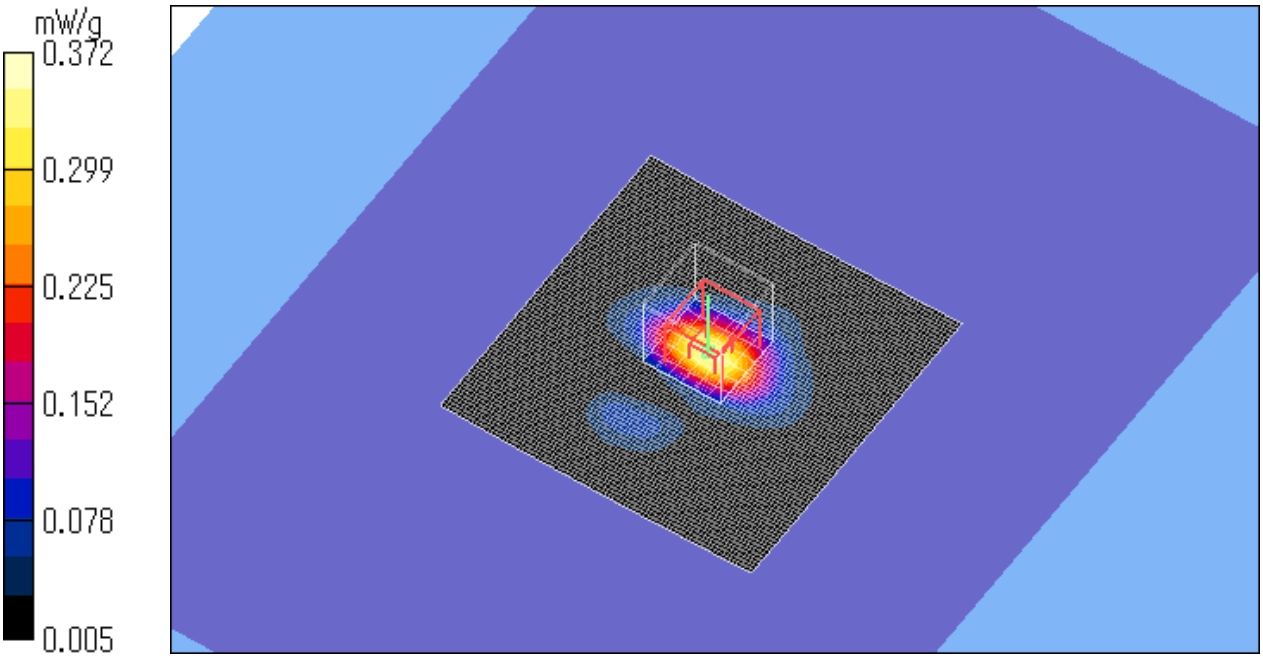
NJT-511/ Rear / CCK (11Mbps) / 2462MHz

Crest factor:1
Medium: M2450 Medium parameters used: f = 2450 MHz; σ = 2 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(8, 8, 8); Calibrated: 2007/06/15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom 4.3
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (81x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.410 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.1 V/m; Power Drift = -0.066 dB
Peak SAR (extrapolated) = 0.471 W/kg
SAR(1 g) = 0.267 mW/g; SAR(10 g) = 0.137 mW/g
Maximum value of SAR (measured) = 0.372 mW/g

Test Date = 10/05/07
Ambient Temperature = 24.5 degree.c
Liquid Temperature = Before 23.8 degree.C , After 23.8 degree.C



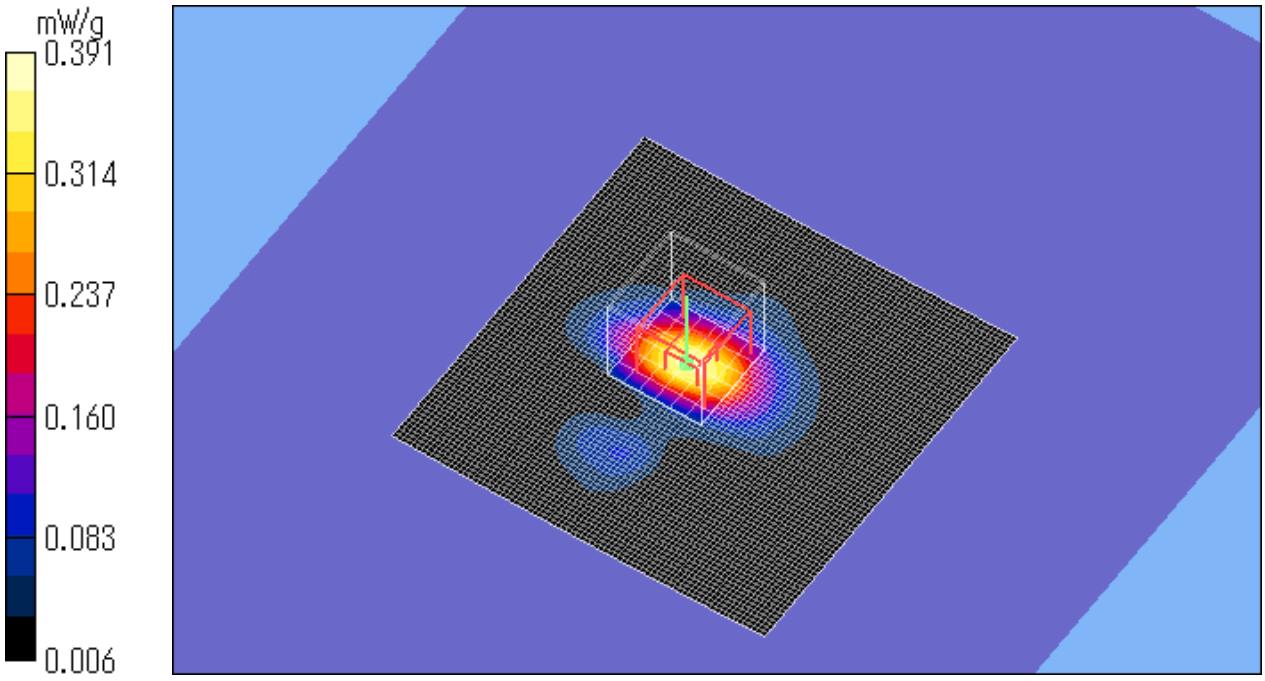
NJT-511/ Rear / BPSK (9Mbps) / 2437MHz

Crest factor:1
Medium: M2450 Medium parameters used: f = 2450 MHz; σ = 1.96 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(8, 8, 8); Calibrated: 2007/06/15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom 4.3
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (81x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.440 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.8 V/m; Power Drift = -0.140 dB
Peak SAR (extrapolated) = 0.490 W/kg
SAR(1 g) = 0.283 mW/g; SAR(10 g) = 0.146 mW/g
Maximum value of SAR (measured) = 0.391 mW/g

Test Date = 10/06/07
Ambient Temperature = 24.5 degree.c
Liquid Temperature = Before 24.0 degree.C , After 24.0 degree.C



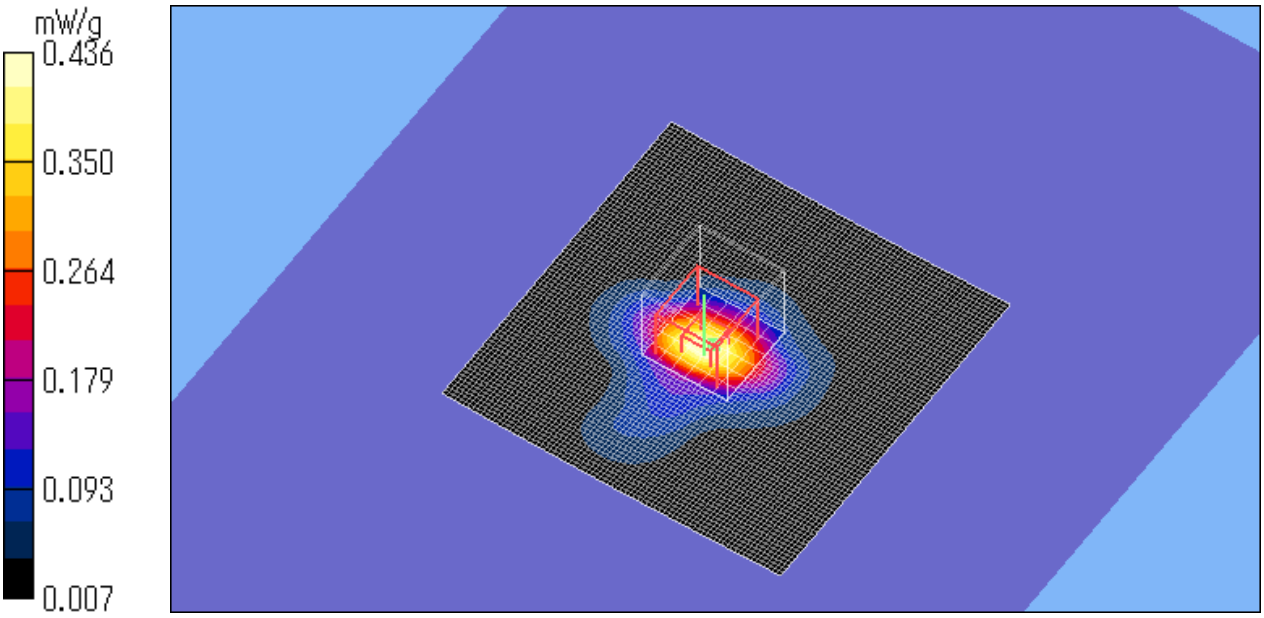
NJT-511/ Rear / QPSK (18Mbps) / 2437MHz

Crest factor:1
Medium: M2450 Medium parameters used: f = 2450 MHz; σ = 1.96 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(8, 8, 8); Calibrated: 2007/06/15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom 4.3
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (81x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.430 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.3 V/m; Power Drift = -0.147 dB
Peak SAR (extrapolated) = 0.565 W/kg
SAR(1 g) = 0.319 mW/g; SAR(10 g) = 0.166 mW/g
Maximum value of SAR (measured) = 0.436 mW/g

Test Date = 10/06/07
Ambient Temperature = 24.5 degree.c
Liquid Temperature = Before 24.0 degree.C , After 24.0 degree.C



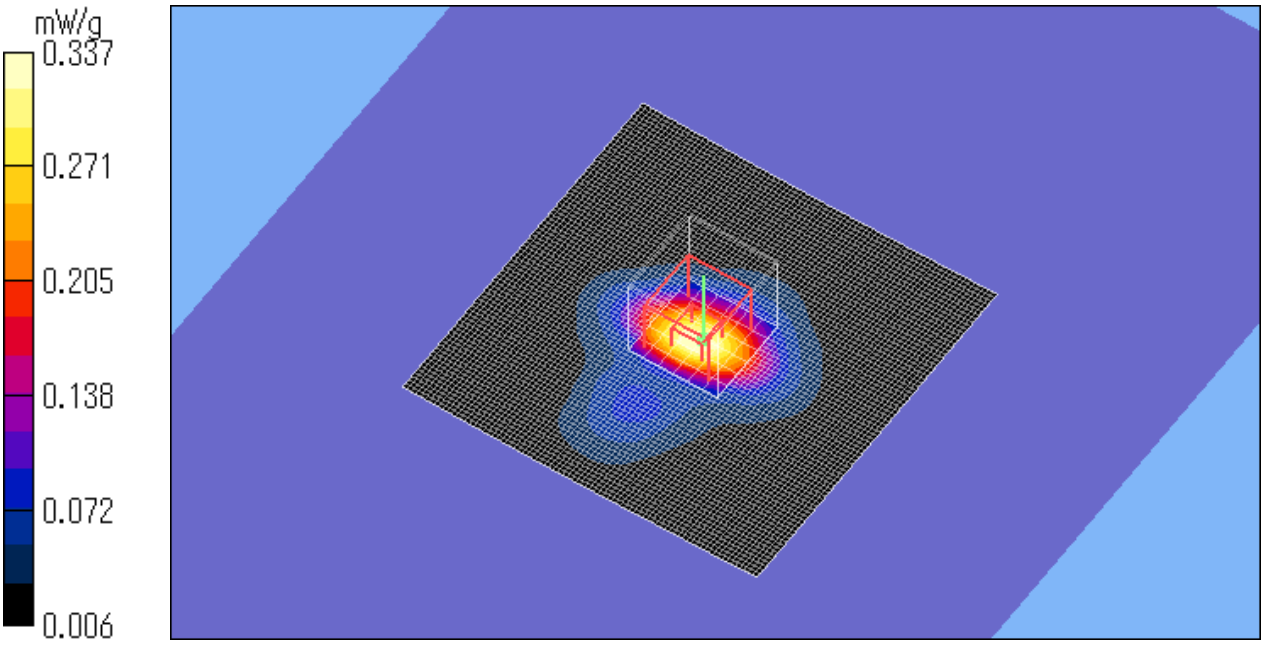
NJT-511/ Rear / 16QAM (36Mbps) / 2437MHz

Crest factor:1
Medium: M2450 Medium parameters used: f = 2450 MHz; σ = 1.96 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(8, 8, 8); Calibrated: 2007/06/15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom 4.3
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (81x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.356 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.2 V/m; Power Drift = -0.130 dB
Peak SAR (extrapolated) = 0.421 W/kg
SAR(1 g) = 0.251 mW/g; SAR(10 g) = 0.130 mW/g
Maximum value of SAR (measured) = 0.337 mW/g

Test Date = 10/06/07
Ambient Temperature = 24.5 degree.c
Liquid Temperature = Before 24.0 degree.C , After 24.0 degree.C



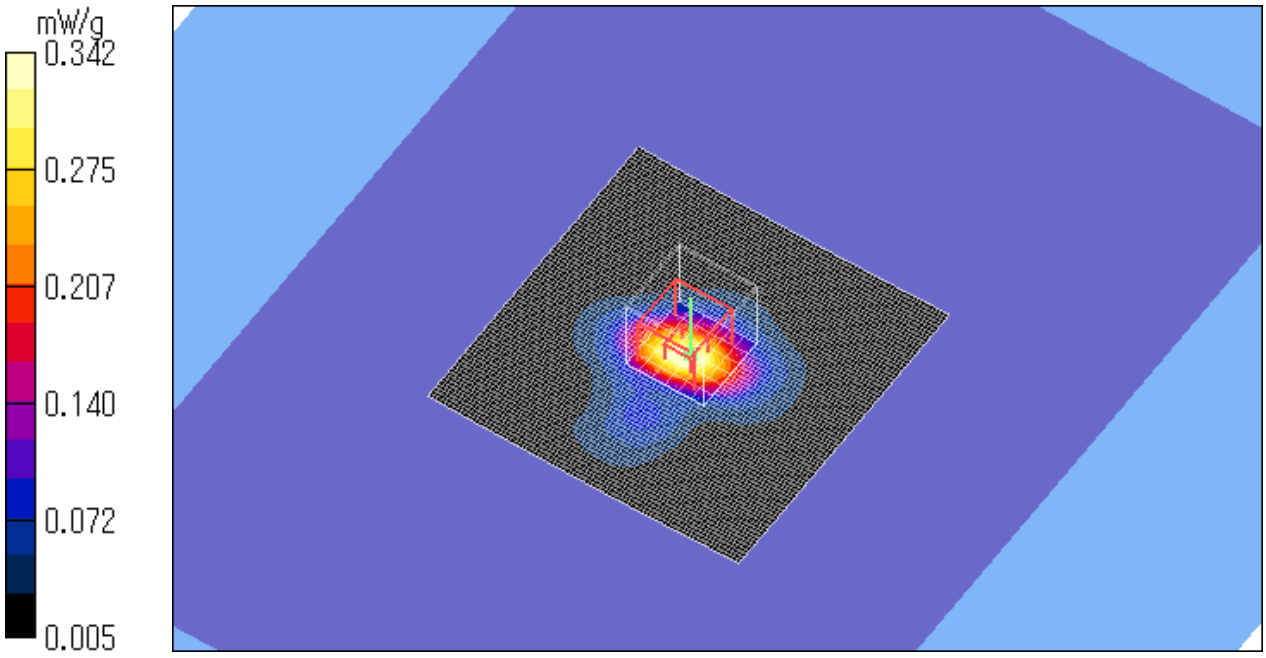
NJT-511/ Rear / 64QAM (48Mbps) / 2437MHz

Crest factor:1
Medium: M2450 Medium parameters used: f = 2450 MHz; σ = 1.96 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(8, 8, 8); Calibrated: 2007/06/15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom 4.3
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (81x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.353 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.0 V/m; Power Drift = -0.144 dB
Peak SAR (extrapolated) = 0.439 W/kg
SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.131 mW/g
Maximum value of SAR (measured) = 0.342 mW/g

Test Date = 10/06/07
Ambient Temperature = 24.5 degree.c
Liquid Temperature = Before 24.0 degree.C , After 24.0 degree.C



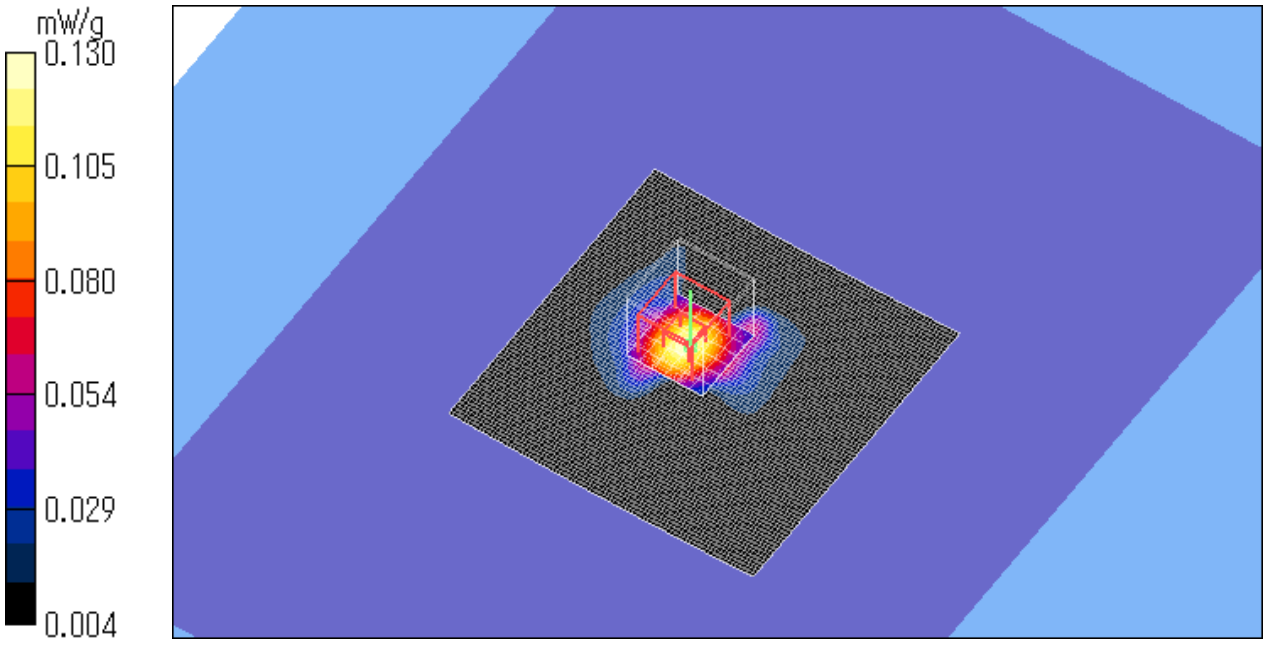
NJT-511/ Top / QPSK (18Mbps) / 2437MHz

Crest factor:1
Medium: M2450 Medium parameters used: f = 2450 MHz; σ = 1.96 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(8, 8, 8); Calibrated: 2007/06/15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom 4.3
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (81x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.192 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.62 V/m; Power Drift = -0.083 dB
Peak SAR (extrapolated) = 0.163 W/kg
SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.052 mW/g
Maximum value of SAR (measured) = 0.130 mW/g

Test Date = 10/06/07
Ambient Temperature = 24.5 degree.c
Liquid Temperature = Before 24.0 degree.C , After 24.0 degree.C



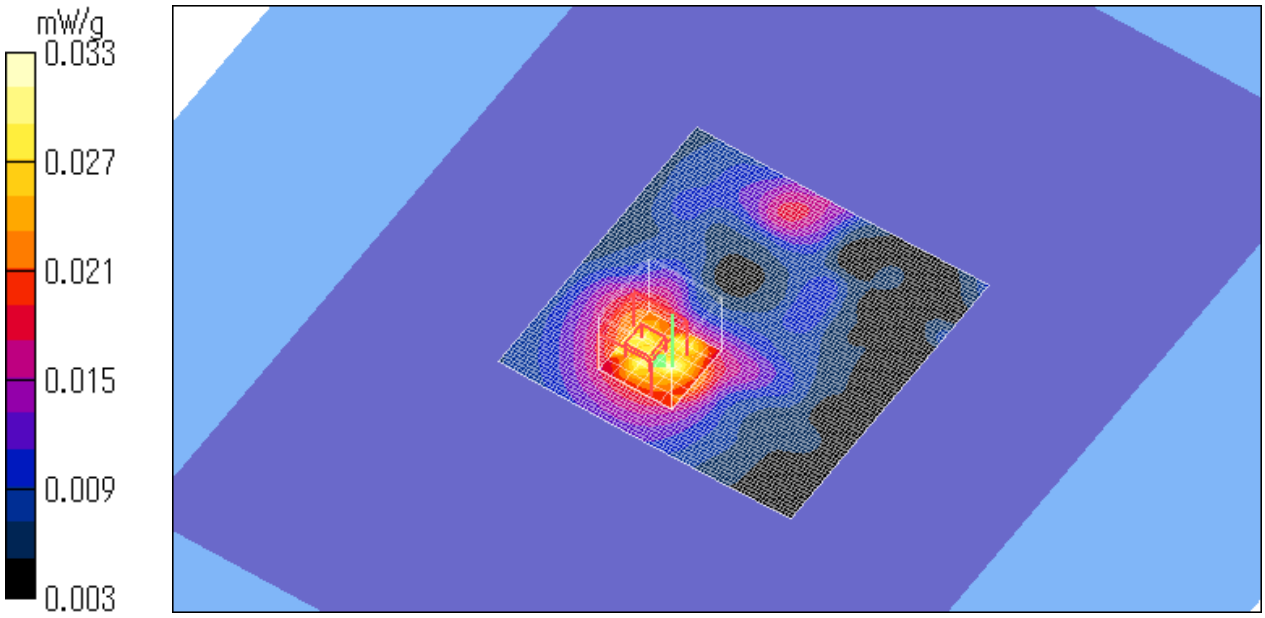
NJT-511/ Front / QPSK (18Mbps) / 2437MHz

Crest factor:1
Medium: M2450 Medium parameters used: f = 2450 MHz; σ = 1.96 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(8, 8, 8); Calibrated: 2007/06/15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom 4.3
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (81x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.031 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.22 V/m; Power Drift = -0.151 dB
Peak SAR (extrapolated) = 0.061 W/kg
SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.013 mW/g
Maximum value of SAR (measured) = 0.033 mW/g

Test Date = 10/06/07
Ambient Temperature = 24.5 degree.c
Liquid Temperature = Before 24.0 degree.C , After 24.0 degree.C



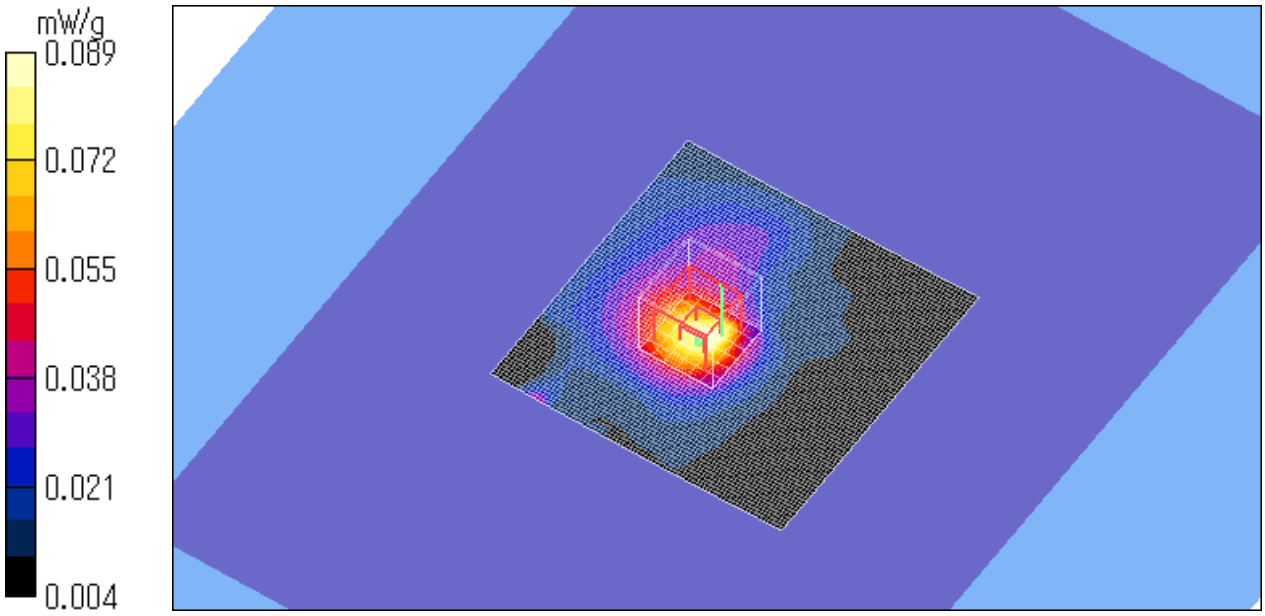
NJT-511/ Left Side / QPSK (18Mbps) / 2437MHz

Crest factor:1
Medium: M2450 Medium parameters used: f = 2450 MHz; σ = 1.96 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(8, 8, 8); Calibrated: 2007/06/15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom 4.3
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (81x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.085 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.73 V/m; Power Drift = -0.174 dB
Peak SAR (extrapolated) = 0.119 W/kg
SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.038 mW/g
Maximum value of SAR (measured) = 0.089 mW/g

Test Date = 10/06/07
Ambient Temperature = 24.5 degree.c
Liquid Temperature = Before 23.9 degree.C , After 23.9 degree.C



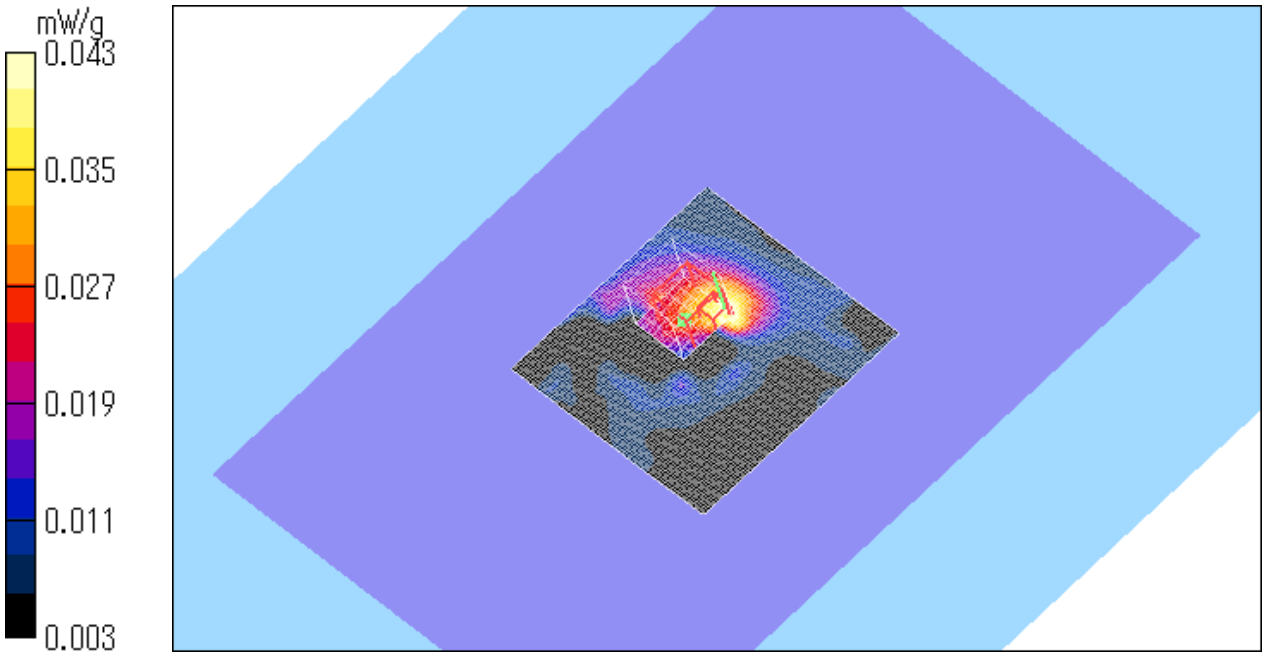
NJT-511/ Right Side / QPSK (18Mbps) / 2437MHz

Crest factor:1
Medium: M2450 Medium parameters used: f = 2450 MHz; σ = 1.96 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(8, 8, 8); Calibrated: 2007/06/15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom 4.3
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (81x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.056 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.13 V/m; Power Drift = -0.177 dB
Peak SAR (extrapolated) = 0.049 W/kg
SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.015 mW/g
Maximum value of SAR (measured) = 0.043 mW/g

Test Date = 10/06/07
Ambient Temperature = 24.5 degree.c
Liquid Temperature = Before 23.9 degree.C , After 23.8 degree.C



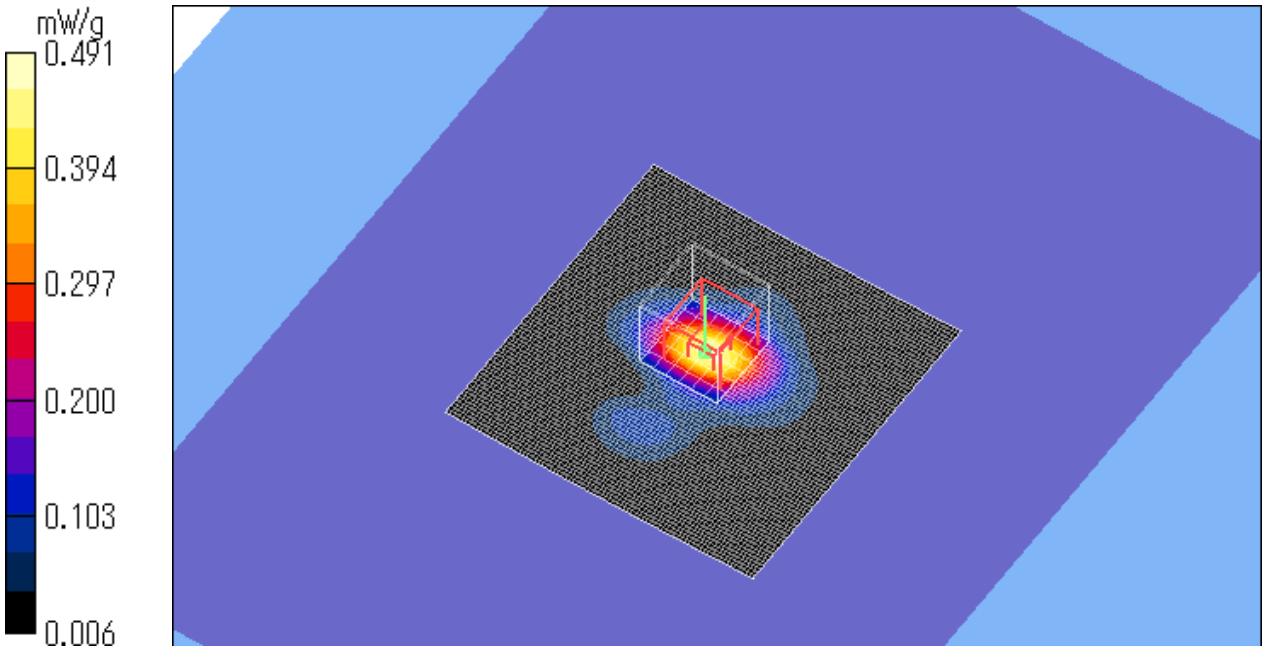
NJT-511/ Rear / QPSK (18Mbps) / 2412MHz

Crest factor:1
Medium: M2450 Medium parameters used: f = 2450 MHz; σ = 1.96 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(8, 8, 8); Calibrated: 2007/06/15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom 4.3
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (81x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.496 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.1 V/m; Power Drift = -0.112 dB
Peak SAR (extrapolated) = 0.613 W/kg
SAR(1 g) = 0.356 mW/g; SAR(10 g) = 0.185 mW/g
Maximum value of SAR (measured) = 0.491 mW/g

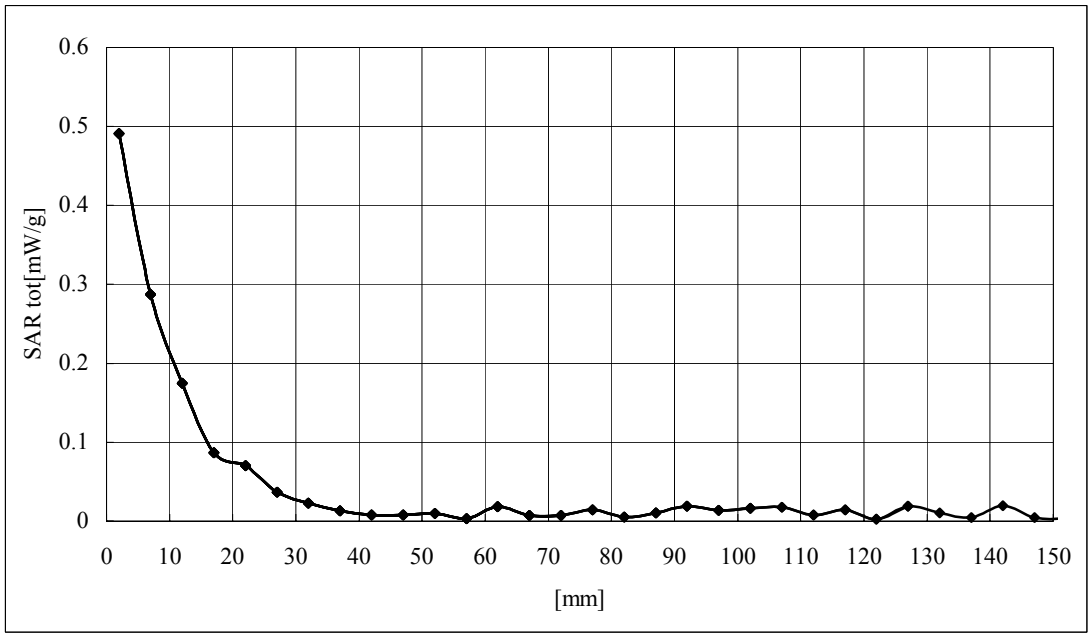
Test Date = 10/06/07
Ambient Temperature = 24.5 degree.c
Liquid Temperature = Before 23.9 degree.C , After 23.9 degree.C



Z-axis scan at max SAR location

NJT-511/ Rear / QPSK (18Mbps) / 2412MHz

Crest factor:1
Medium: M2450 Medium parameters used: f = 2450 MHz; σ = 1.96 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(8, 8, 8); Calibrated: 2007/06/15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom 4.3
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160



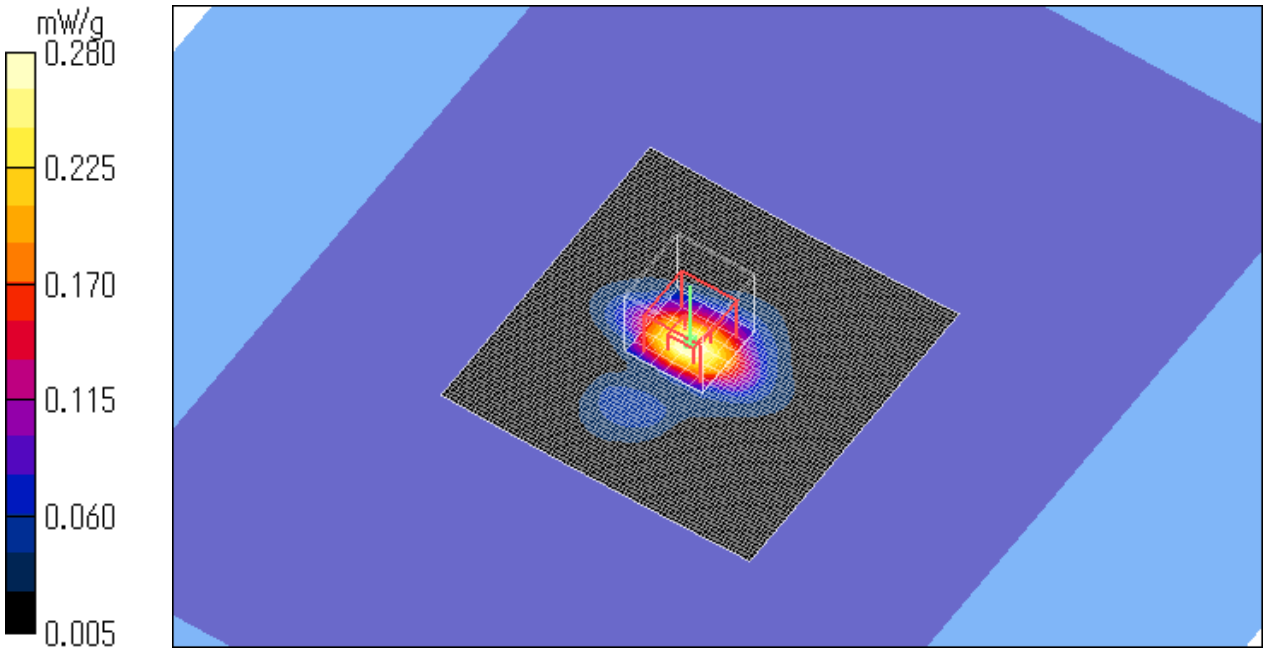
NJT-511/ Rear / QPSK (18Mbps) / 2462MHz

Crest factor:1
Medium: M2450 Medium parameters used: f = 2450 MHz; σ = 1.96 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(8, 8, 8); Calibrated: 2007/06/15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom 4.3
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (81x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.314 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.2 V/m; Power Drift = -0.106 dB
Peak SAR (extrapolated) = 0.357 W/kg
SAR(1 g) = 0.208 mW/g; SAR(10 g) = 0.109 mW/g
Maximum value of SAR (measured) = 0.280 mW/g

Test Date = 10/06/07
Ambient Temperature = 24.5 degree.c
Liquid Temperature = Before 23.9 degree.C , After 23.8 degree.C



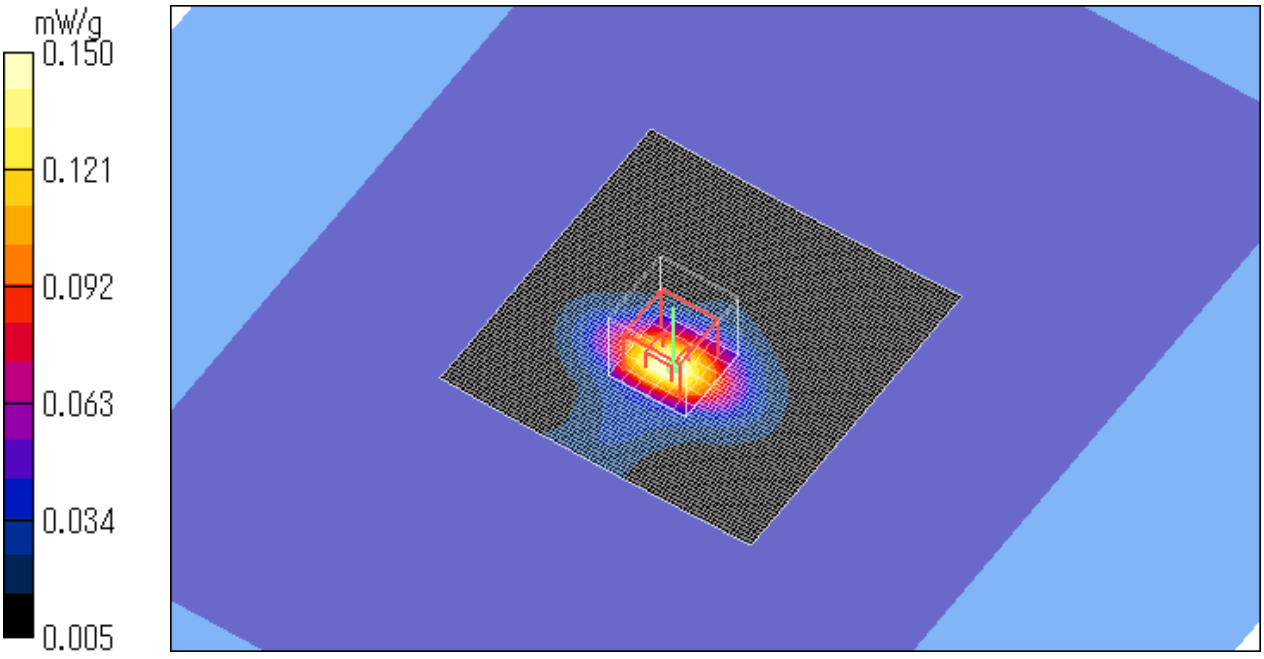
NJT-511/ Rear / QPSK (18Mbps) / 2412MHz /separation 5mm

Crest factor:1
Medium: M2450 Medium parameters used: f = 2450 MHz; σ = 1.96 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(8, 8, 8); Calibrated: 2007/06/15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom 4.3
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (81x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.156 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.03 V/m; Power Drift = -0.170 dB
Peak SAR (extrapolated) = 0.188 W/kg
SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.061 mW/g
Maximum value of SAR (measured) = 0.150 mW/g

Test Date = 10/06/07
Ambient Temperature = 24.5 degree.c
Liquid Temperature = Before 23.8 degree.C , After 23.9 degree.C



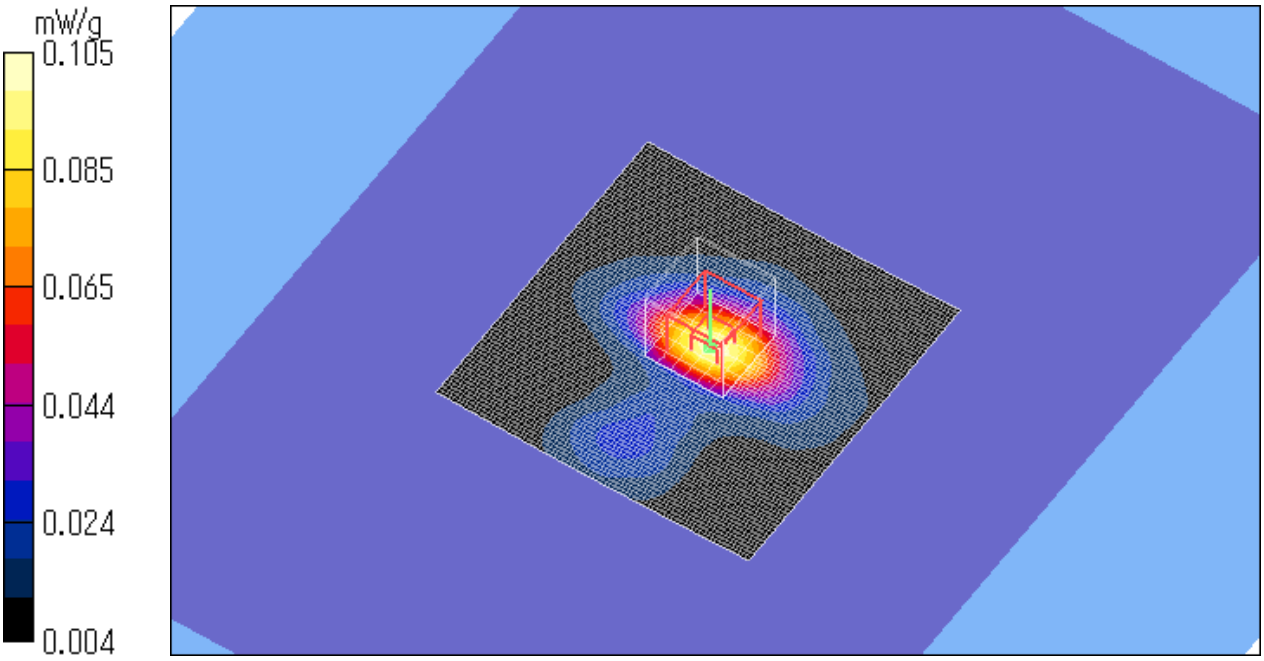
NJT-511/ Rear / QPSK (18Mbps) / 2412MHz /separation 10mm

Crest factor:1
Medium: M2450 Medium parameters used: f = 2450 MHz; σ = 1.96 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(8, 8, 8); Calibrated: 2007/06/15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom 4.3
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (81x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.125 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.23 V/m; Power Drift = -0.155 dB
Peak SAR (extrapolated) = 0.127 W/kg
SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.046 mW/g
Maximum value of SAR (measured) = 0.105 mW/g

Test Date = 10/06/07
Ambient Temperature = 24.5 degree.c
Liquid Temperature = Before 23.9 degree.C , After 24.0 degree.C



NJT-511/ Rear / QPSK (18Mbps) / 2412MHz /separation 15mm

Crest factor:1
Medium: M2450 Medium parameters used: f = 2450 MHz; σ = 1.96 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(8, 8, 8); Calibrated: 2007/06/15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom 4.3
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (81x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.075 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.24 V/m; Power Drift = -0.109 dB
Peak SAR (extrapolated) = 0.085 W/kg
SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.033 mW/g
Maximum value of SAR (measured) = 0.072 mW/g

Test Date = 10/06/07
Ambient Temperature = 24.5 degree.c
Liquid Temperature = Before 24.0 degree.C , After 24.0 degree.C