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 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 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 10 mm x 10 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 30.1mm x 30.1mm x 21mm was assessed by measuring 8 x 8 x 8 points for IEEE802.11a Low band, 28mm x 28mm x 22.5mm was assessed by measuring 8 x 8 x 8 points for IEEE802.11a High band and a volume of 30mm x 30mm x 30mm was assessed by measuring 7 x 7 x 7 points for Bluetooth. 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. Measurement data (Body SAR 5GHz IEEE 802.11a Low band mode 5180-5320MHz)

FC-N21S/BY5SS/ Body/ Main antenna/ Top (Notebook type) / 11a BPSK (6Mbps) / 5260MHz

Crest factor: 1.1
Medium: M5200 Medium parameters used: f = 5200 MHz; σ = 5.49 mho/m; ε_r = 46.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.68, 4.68, 4.68); 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 (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.473 mW/g

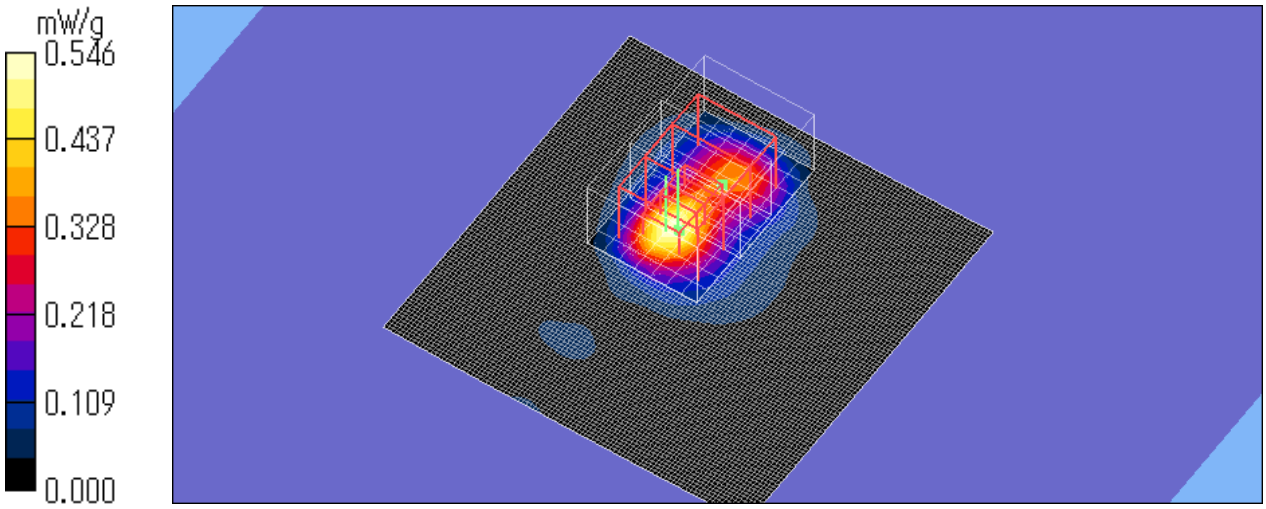
Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.65 V/m; Power Drift = -0.141 dB
Peak SAR (extrapolated) = 0.998 W/kg

SAR(1 g) = 0.224 mW/g; SAR(10 g) = 0.082 mW/g
Maximum value of SAR (measured) = 0.446 mW/g

Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 5.65 V/m; Power Drift = -0.141 dB
Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.208 mW/g; SAR(10 g) = 0.064 mW/g
Maximum value of SAR (measured) = 0.546 mW/g

Test Date = 08/03/07
Ambient Temperature = 25.0 degree.c
Liquid Temperature = Before 24.4 degree.C , After 24.4 degree.C



FC-N21S/BY5SS/ Body/ Main antenna/ Top (Notebook type) / 11a QPSK (12Mbps) / 5260MHz

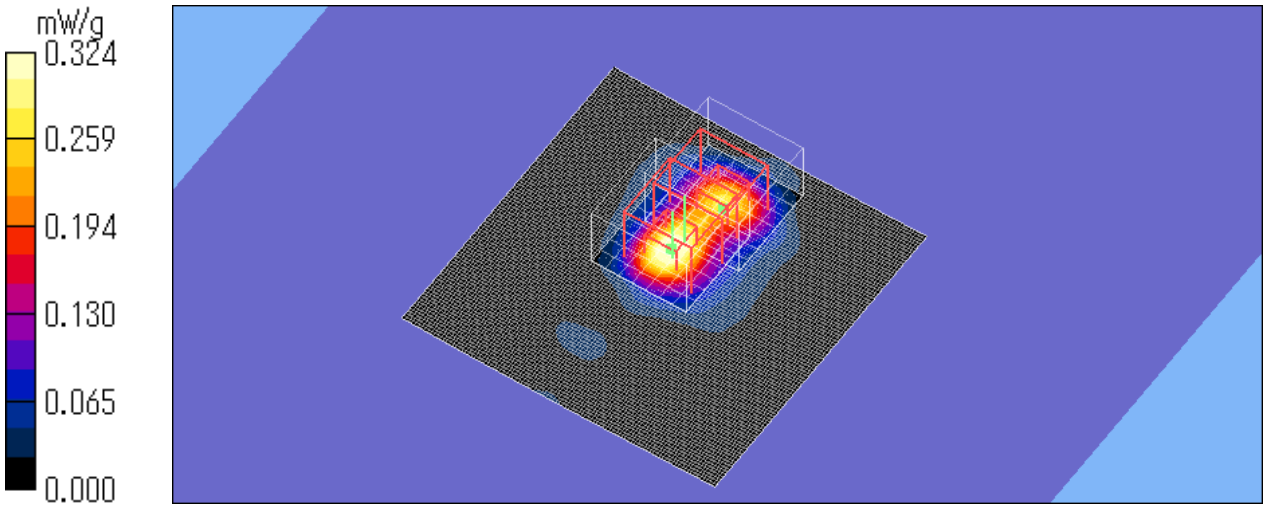
Crest factor: 1.2
Medium: M5200 Medium parameters used: f = 5200 MHz; σ = 5.49 mho/m; ε_r = 46.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.68, 4.68, 4.68); Calibrated: 2007/06/15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom 4.3
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.323 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.44 V/m; Power Drift = -0.171 dB
Peak SAR (extrapolated) = 0.656 W/kg
SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.063 mW/g
Maximum value of SAR (measured) = 0.350 mW/g

Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.44 V/m; Power Drift = -0.171 dB
Peak SAR (extrapolated) = 0.641 W/kg

SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.058 mW/g
Maximum value of SAR (measured) = 0.324 mW/g
Test Date = 08/03/07
Ambient Temperature = 25.0 degree.c
Liquid Temperature = Before 24.4 degree.C , After 24.4 degree.C



FC-N21S/BY5SS/ Body/ Main antenna/ Top (Notebook type) / 11a 16QAM (24Mbps) / 5260MHz

Crest factor: 1.4
Medium: M5200 Medium parameters used: f = 5200 MHz; σ = 5.49 mho/m; ε_r = 46.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.68, 4.68, 4.68); 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

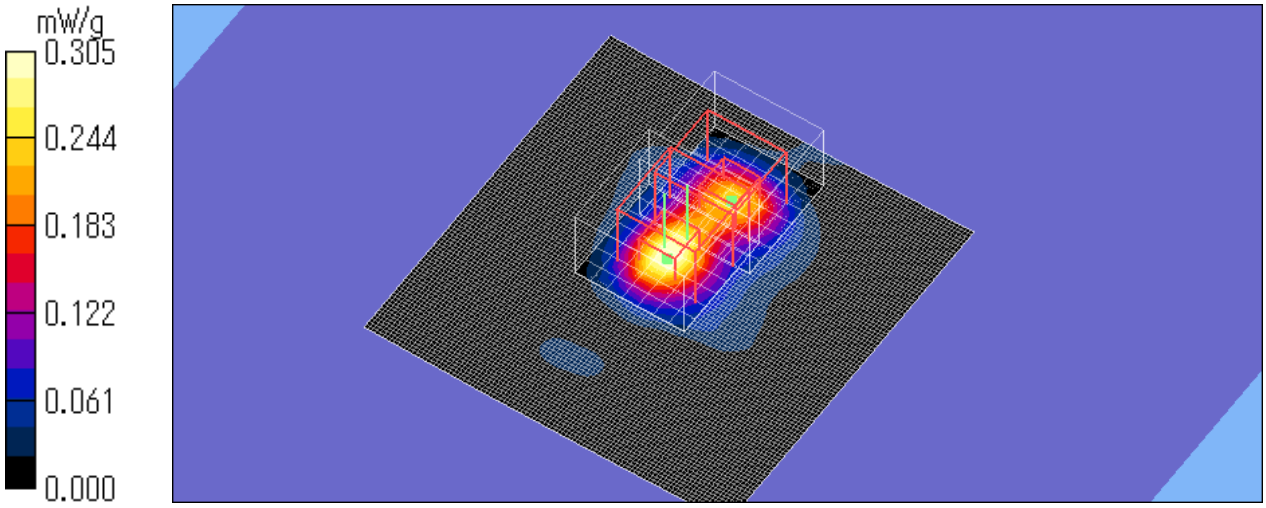
Area Scan (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.290 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.70 V/m; Power Drift = -0.120 dB
Peak SAR (extrapolated) = 0.600 W/kg

SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.055 mW/g
Maximum value of SAR (measured) = 0.305 mW/g

Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.70 V/m; Power Drift = -0.120 dB
Peak SAR (extrapolated) = 0.475 W/kg

SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.049 mW/g
Maximum value of SAR (measured) = 0.272 mW/g
Test Date = 08/03/07
Ambient Temperature = 25.0 degree.c
Liquid Temperature = Before 24.4 degree.C , After 24.4 degree.C



FC-N21S/BY5SS/ Body/ Main antenna/ Top (Notebook type) / 11a 64QAM (48Mbps) / 5260MHz

Crest factor: 1.7
Medium: M5200 Medium parameters used: f = 5200 MHz; σ = 5.49 mho/m; ε_r = 46.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.68, 4.68, 4.68); 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 (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.258 mW/g

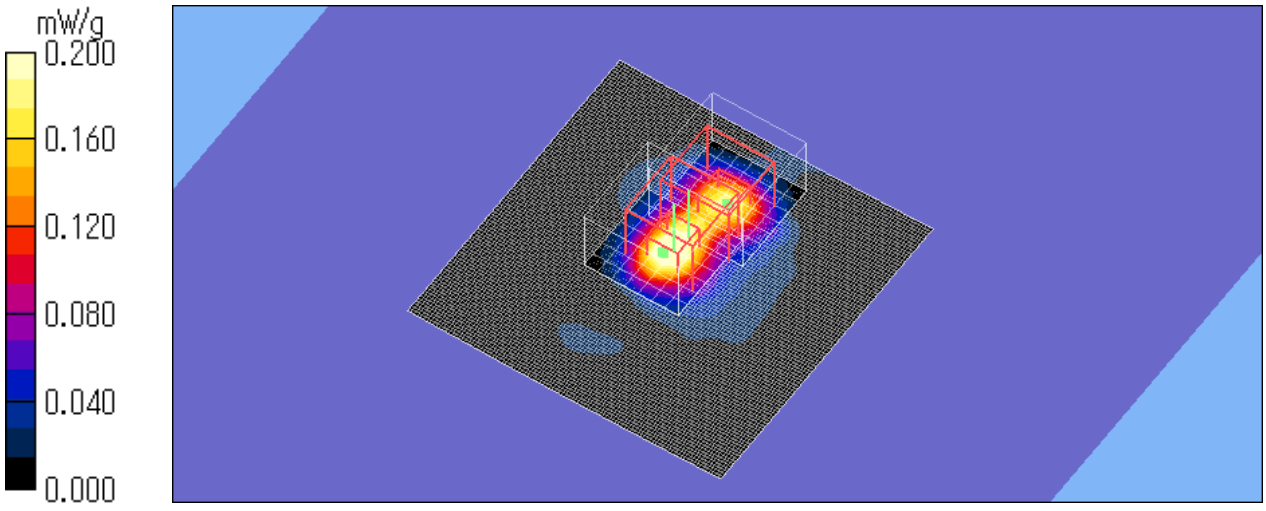
Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 5.74 V/m; Power Drift = -0.111 dB
Peak SAR (extrapolated) = 0.423 W/kg

SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.041 mW/g
Maximum value of SAR (measured) = 0.240 mW/g

Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 5.74 V/m; Power Drift = -0.111 dB
Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.096 mW/g; SAR(10 g) = 0.035 mW/g
Maximum value of SAR (measured) = 0.200 mW/g

Test Date = 08/03/07
Ambient Temperature = 25.0 degree.c
Liquid Temperature = Before 24.3 degree.C , After 24.3 degree.C



FC-N21S/BY5SS/ Body/ Main antenna/ Top (Tablet type) / 11a BPSK (6Mbps) / 5260MHz

Crest factor: 1.1
Medium: M5200 Medium parameters used: f = 5200 MHz; σ = 5.49 mho/m; ε_r = 46.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.68, 4.68, 4.68); 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 (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.082 mW/g

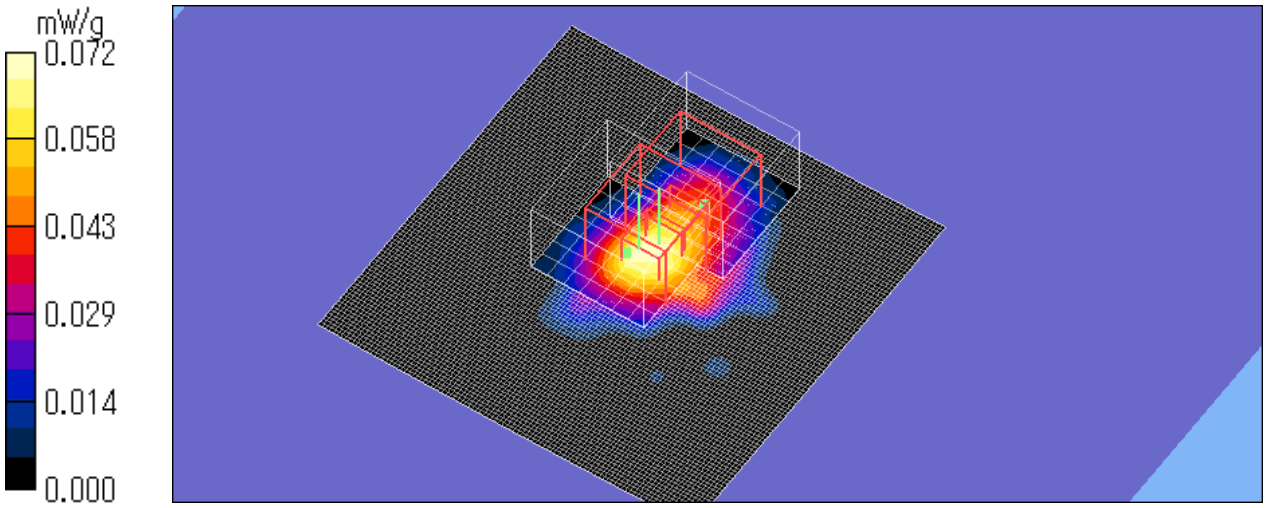
Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.48 V/m; Power Drift = -0.169 dB
Peak SAR (extrapolated) = 0.123 W/kg

SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.014 mW/g
Maximum value of SAR (measured) = 0.072 mW/g

Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.48 V/m; Power Drift = -0.169 dB
Peak SAR (extrapolated) = 0.170 W/kg

SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.0096 mW/g
Maximum value of SAR (measured) = 0.071 mW/g

Test Date = 08/03/07
Ambient Temperature = 25.0 degree.c
Liquid Temperature = Before 24.4 degree.C , After 24.4 degree.C



FC-N21S/BY5SS/ Body/ Main antenna/ Back of display (Notebook type) / 11a BPSK (6Mbps) / 5260MHz

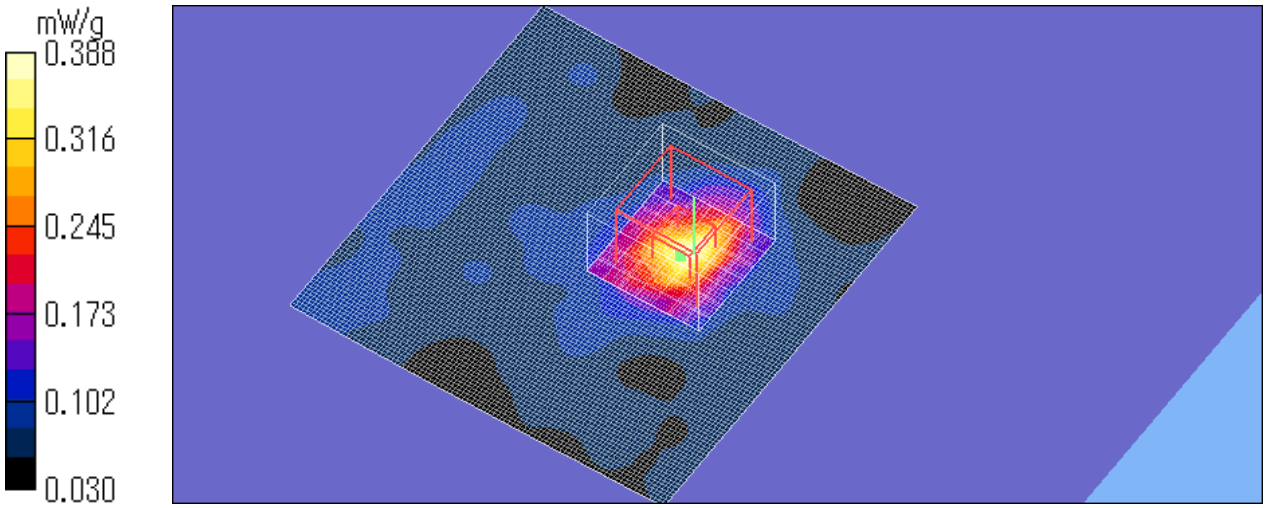
Crest factor: 1.1
Medium: M5200 Medium parameters used: f = 5200 MHz; σ = 5.49 mho/m; ε_r = 46.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.68, 4.68, 4.68); Calibrated: 2007/06/15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom 4.3
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.340 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 5.83 V/m; Power Drift = 0.171 dB
Peak SAR (extrapolated) = 0.850 W/kg

SAR(1 g) = 0.239 mW/g; SAR(10 g) = 0.135 mW/g
Maximum value of SAR (measured) = 0.388 mW/g

Test Date = 08/03/07
Ambient Temperature = 25.0 degree.c
Liquid Temperature = Before 24.4 degree.C , After 24.4 degree.C



FC-N21S/BY5SS/ Body/ Main antenna/ Bottom (Notebook type) / 11a BPSK (6Mbps) / 5260MHz

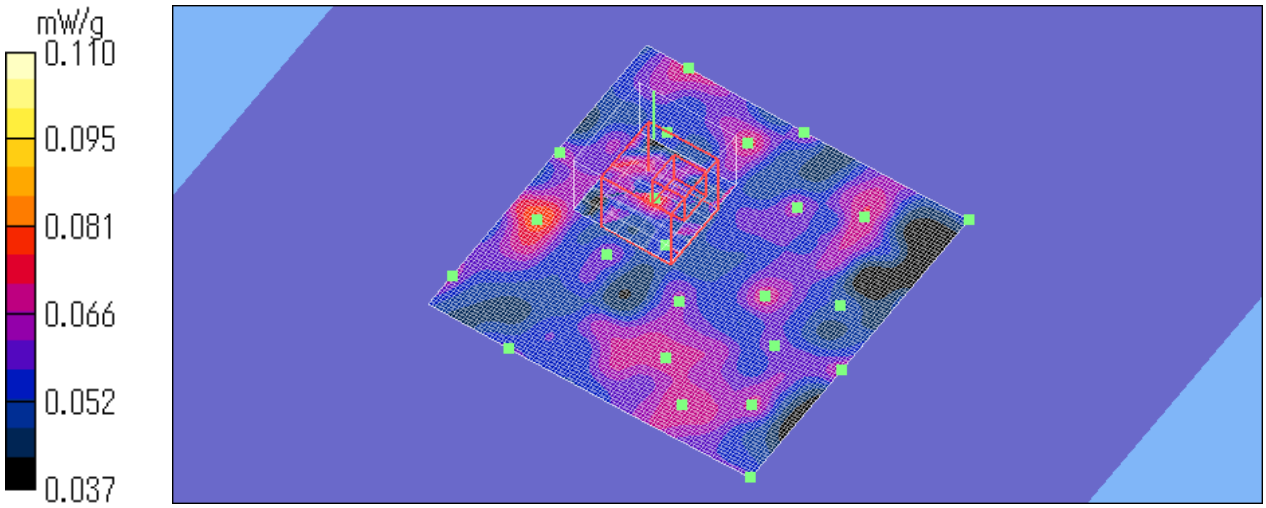
Crest factor: 1.1
Medium: M5200 Medium parameters used: f = 5200 MHz; σ = 5.49 mho/m; ε_r = 46.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.68, 4.68, 4.68); Calibrated: 2007/06/15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom 4.3
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.080 mW/g

Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.38 V/m; Power Drift = -0.148 dB
Peak SAR (extrapolated) = 0.123 W/kg

SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.073 mW/g
Maximum value of SAR (measured) = 0.110 mW/g

Test Date = 08/03/07
Ambient Temperature = 25.0 degree.c
Liquid Temperature = Before 24.4 degree.C , After 24.4 degree.C



FC-N21S/BY5SS/ Body/ Main antenna/ Front of display (Notebook type) / 11a BPSK (6Mbps) / 5260MHz

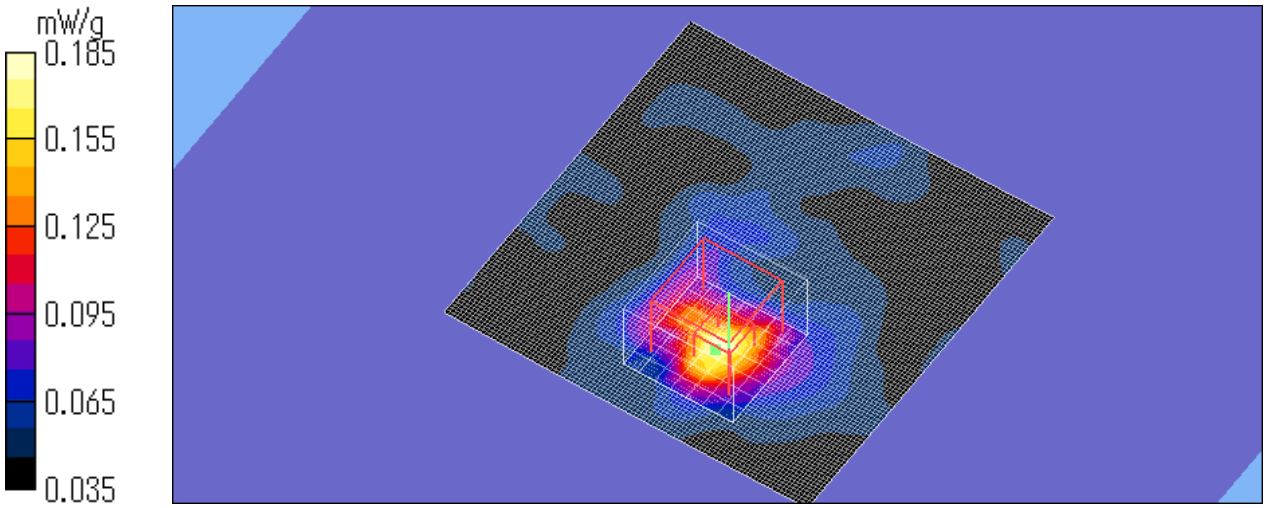
Crest factor: 1.1
Medium: M5200 Medium parameters used: f = 5200 MHz; σ = 5.49 mho/m; ε_r = 46.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.68, 4.68, 4.68); Calibrated: 2007/06/15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom 4.3
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.177 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.96 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.299 W/kg

SAR(1 g) = 0.123 mW/g; SAR(10 g) = 0.079 mW/g
Maximum value of SAR (measured) = 0.185 mW/g

Test Date = 08/03/07
Ambient Temperature = 25.0 degree.c
Liquid Temperature = Before 24.3 degree.C , After 24.3 degree.C



FC-N21S/BY5SS/ Body/ Main antenna/ Right side (Tablet type) / 11a BPSK (6Mbps) / 5260MHz

Crest factor: 1.7
Medium: M5200 Medium parameters used: f = 5200 MHz; σ = 5.49 mho/m; ε_r = 46.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.68, 4.68, 4.68); 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 (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.047 mW/g

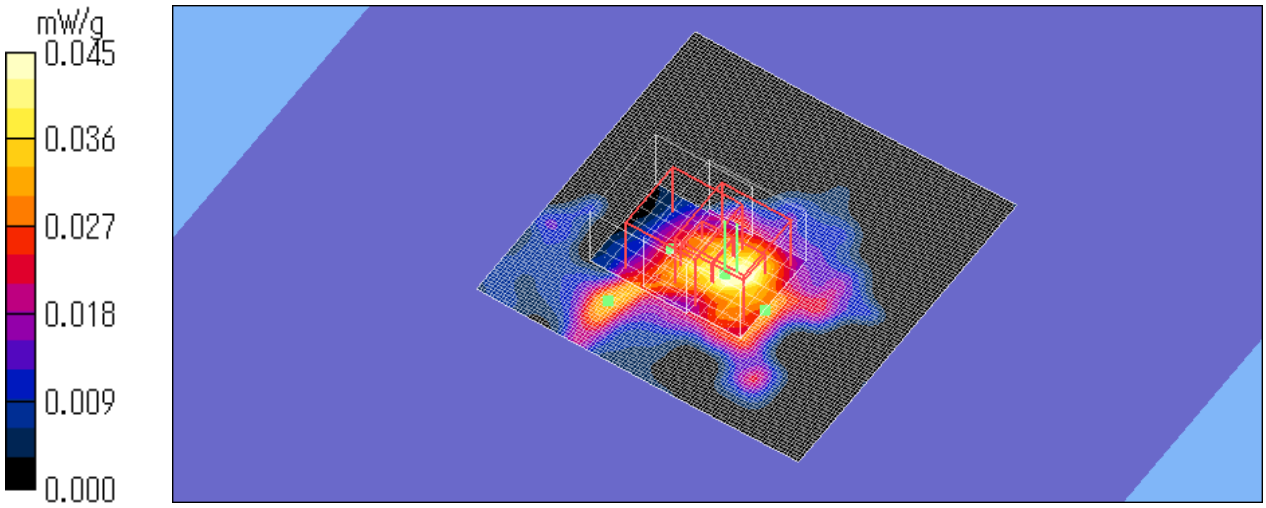
Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.65 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.082 W/kg

SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.00938 mW/g
Maximum value of SAR (measured) = 0.046 mW/g

Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.65 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.077 W/kg

SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.00683 mW/g
Maximum value of SAR (measured) = 0.045 mW/g

Test Date = 08/03/07
Ambient Temperature = 25.0 degree.c
Liquid Temperature = Before 24.3 degree.C , After 24.3 degree.C



FC-N21S/BY5SS/ Body/ Main antenna/ Bottom (Tablet type) / 11a BPSK (6Mbps) / 5260MHz

Crest factor: 1.1
Medium: M5200 Medium parameters used: f = 5200 MHz; σ = 5.49 mho/m; ε_r = 46.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.68, 4.68, 4.68); 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 (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.080 mW/g

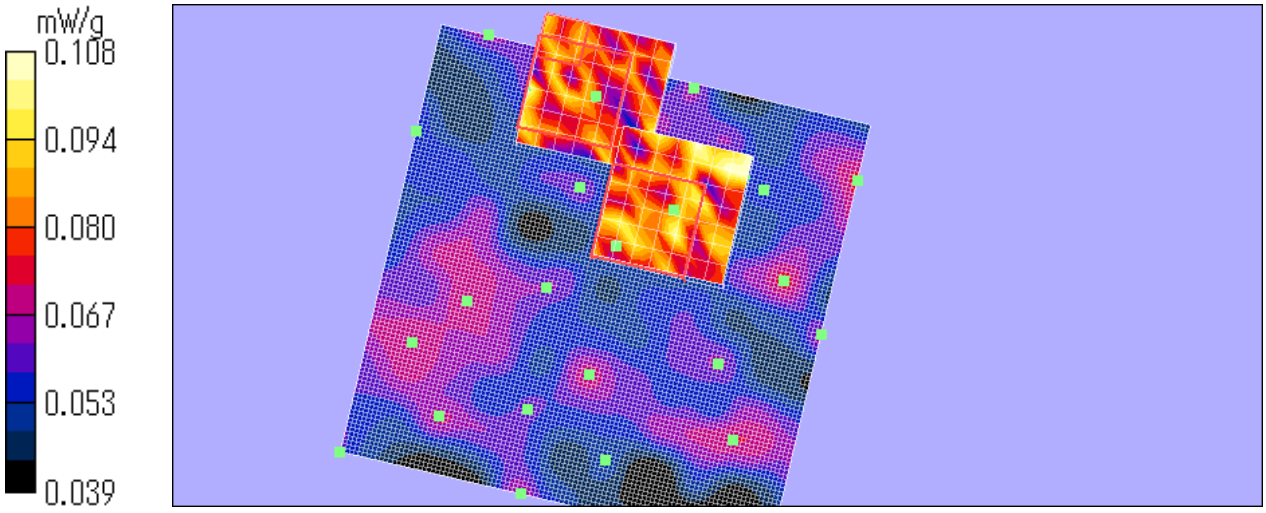
Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.38 V/m; Power Drift = -0.148 dB
Peak SAR (extrapolated) = 0.116 W/kg
SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.075 mW/g

Maximum value of SAR (measured) = 0.108 mW/g

Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.38 V/m; Power Drift = -0.148 dB
Peak SAR (extrapolated) = 0.123 W/kg

SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.073 mW/g

Maximum value of SAR (measured) = 0.110 mW/g
Test Date = 08/03/07
Ambient Temperature = 25.0 degree.c
Liquid Temperature = Before 24.3 degree.C , After 24.3degree.C



FC-N21S/BY5SS/ Body/ Main antenna/ Back of display (Notebook type) / 11a BPSK (6Mbps) / 5180MHz

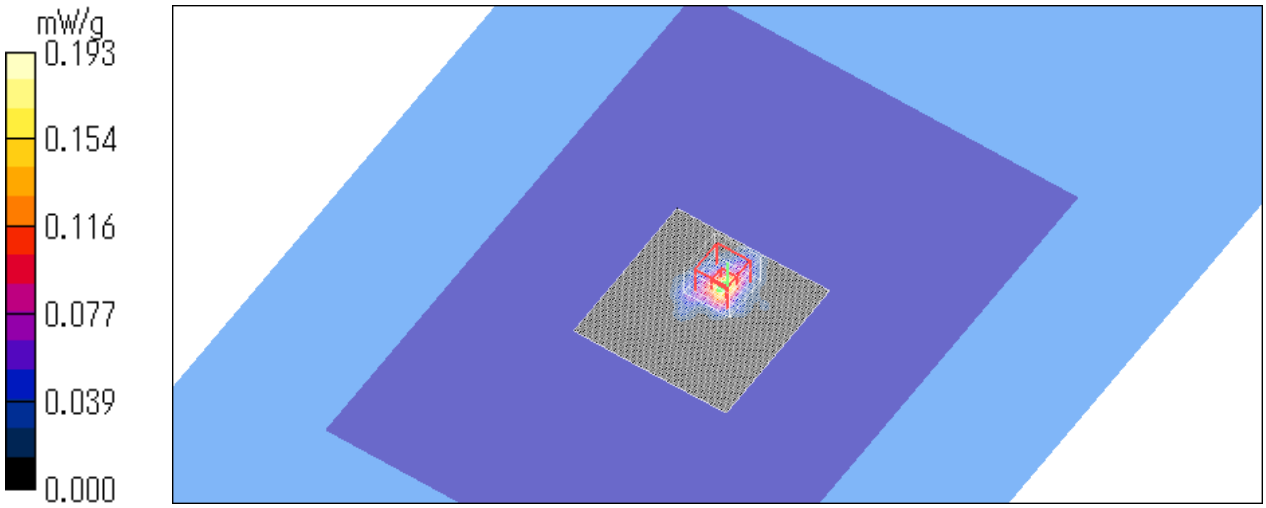
Crest factor: 1.1
Medium: M5200 Medium parameters used: f = 5200 MHz; σ = 5.49 mho/m; ε_r = 46.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.68, 4.68, 4.68); Calibrated: 2007/06/15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom 4.3
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.215 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.13 V/m; Power Drift = -0.165 dB
Peak SAR (extrapolated) = 0.350 W/kg

SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.027 mW/g
Maximum value of SAR (measured) = 0.193 mW/g

Test Date = 08/03/07
Ambient Temperature = 25.0 degree.c
Liquid Temperature = Before 24.4 degree.C , After 24.4 degree.C



FC-N21S/BY5SS/ Body/ Main antenna/ Back of display (Notebook type) / 11a BPSK (6Mbps) / 5320MHz

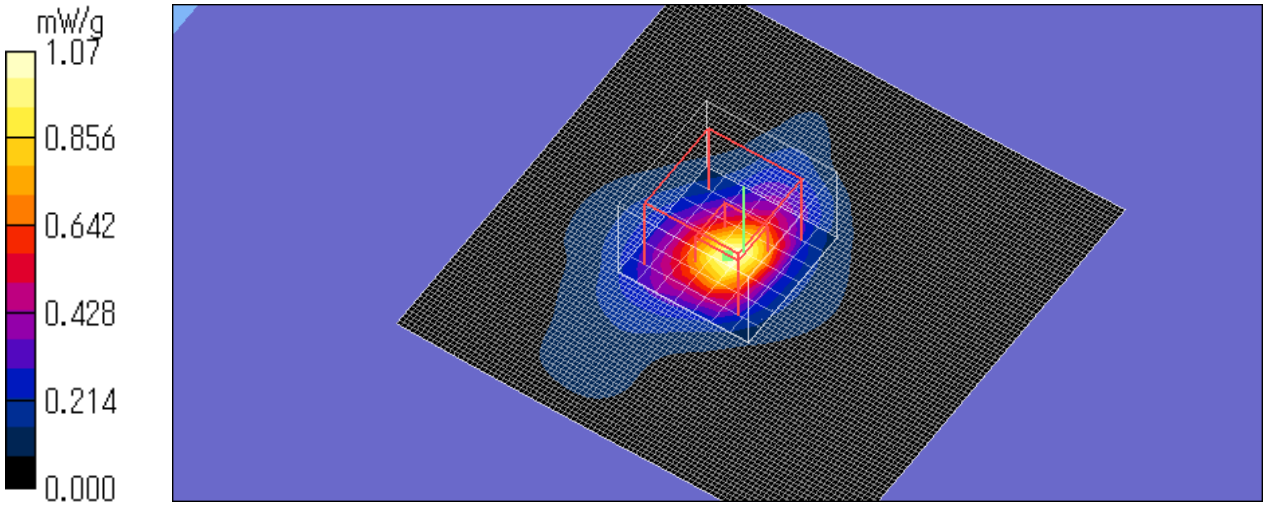
Crest factor: 1.1
Medium: M5200 Medium parameters used: f = 5200 MHz; σ = 5.49 mho/m; ε_r = 46.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.68, 4.68, 4.68); Calibrated: 2007/06/15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom 4.3
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.987 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 11.7 V/m; Power Drift = -0.175 dB
Peak SAR (extrapolated) = 2.18 W/kg

SAR(1 g) = 0.529 mW/g; SAR(10 g) = 0.173 mW/g
Maximum value of SAR (measured) = 1.07 mW/g

Test Date = 08/03/07
Ambient Temperature = 25.0 degree.c
Liquid Temperature = Before 24.4 degree.C , After 24.4 degree.C



FC-N21S/BY5SS/ Body/ Aux antenna/ Top (Notebook type) / 11a BPSK (6Mbps) / 5260MHz

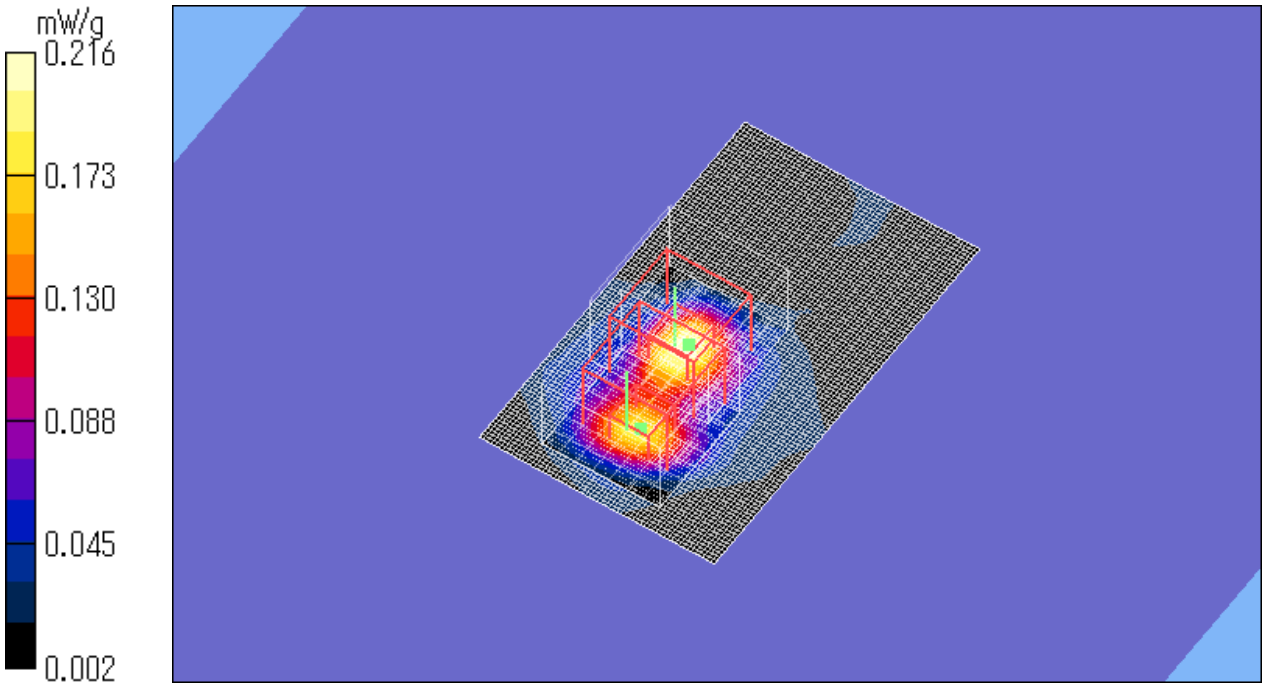
Crest factor:1.1
Medium: M5200 Medium parameters used: f = 5200 MHz; σ = 5.51 mho/m; ε_r = 47.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.68, 4.68, 4.68); Calibrated: 2007/06/15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom 4.3
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.221 mW/g
Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.48 V/m; Power Drift = -0.164 dB
Peak SAR (extrapolated) = 0.344 W/kg

SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.043 mW/g
Maximum value of SAR (measured) = 0.216 mW/g

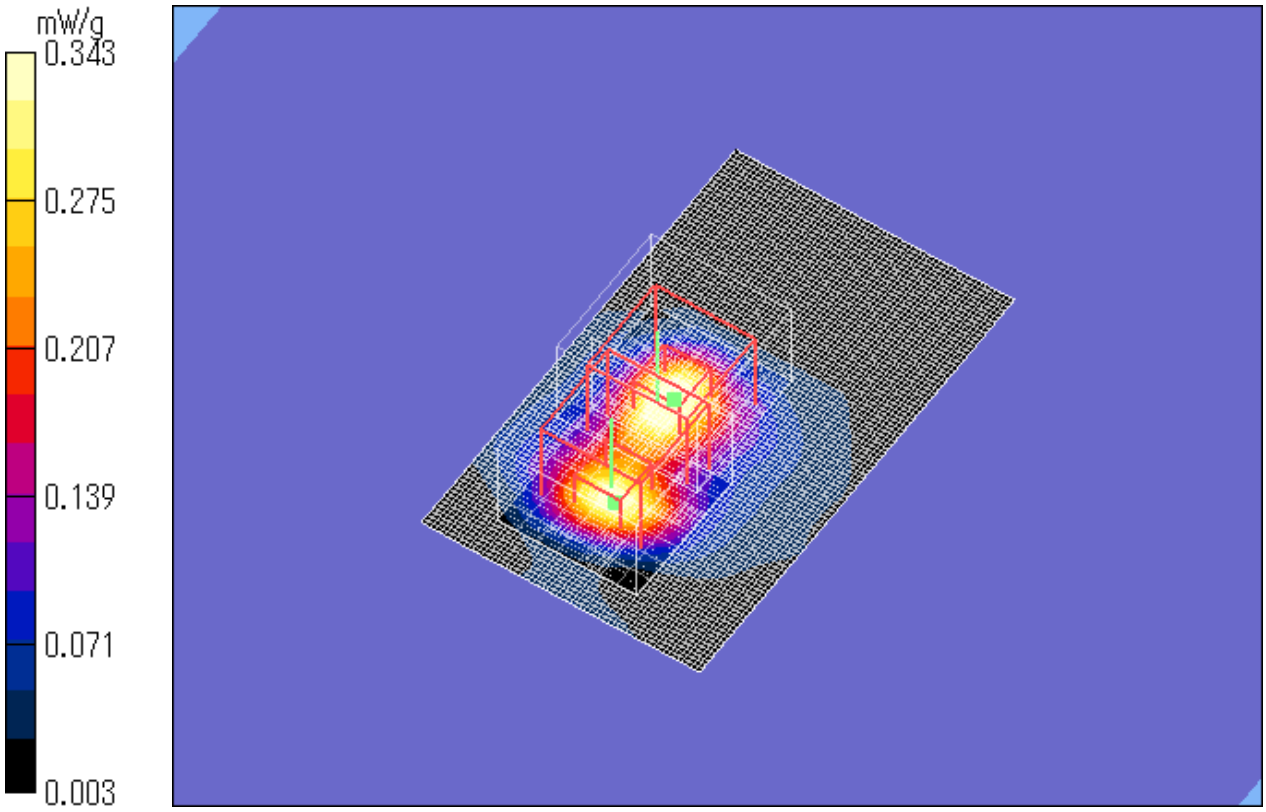
Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.48 V/m; Power Drift = -0.164 dB
Peak SAR (extrapolated) = 0.397 W/kg

SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.040 mW/g
Maximum value of SAR (measured) = 0.187 mW/g
Test Date = 08/04/07
Ambient Temperature = 24.4 degree.c
Liquid Temperature = Before 24.3 degree.C , After 24.3 degree.C



FC-N21S/BY5SS/ Body/ Aux antenna/ Top (Notebook type) / 11a QPSK (12Mbps) / 5260MHz
Crest factor:1.2
Medium: M5200 Medium parameters used: f = 5200 MHz; σ = 5.51 mho/m; ε_r = 47.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.68, 4.68, 4.68); 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 (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.412 mW/g
Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.35 V/m; Power Drift = -0.096 dB
Peak SAR (extrapolated) = 0.735 W/kg
SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.073 mW/g
Maximum value of SAR (measured) = 0.383 mW/g
Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.35 V/m; Power Drift = -0.096 dB
Peak SAR (extrapolated) = 0.651 W/kg
SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.074 mW/g.
Maximum value of SAR (measured) = 0.343 mW/g
Test Date = 08/04/07
Ambient Temperature = 24.4 degree.c
Liquid Temperature = Before 24.3 degree.C , After 24.3 degree.C



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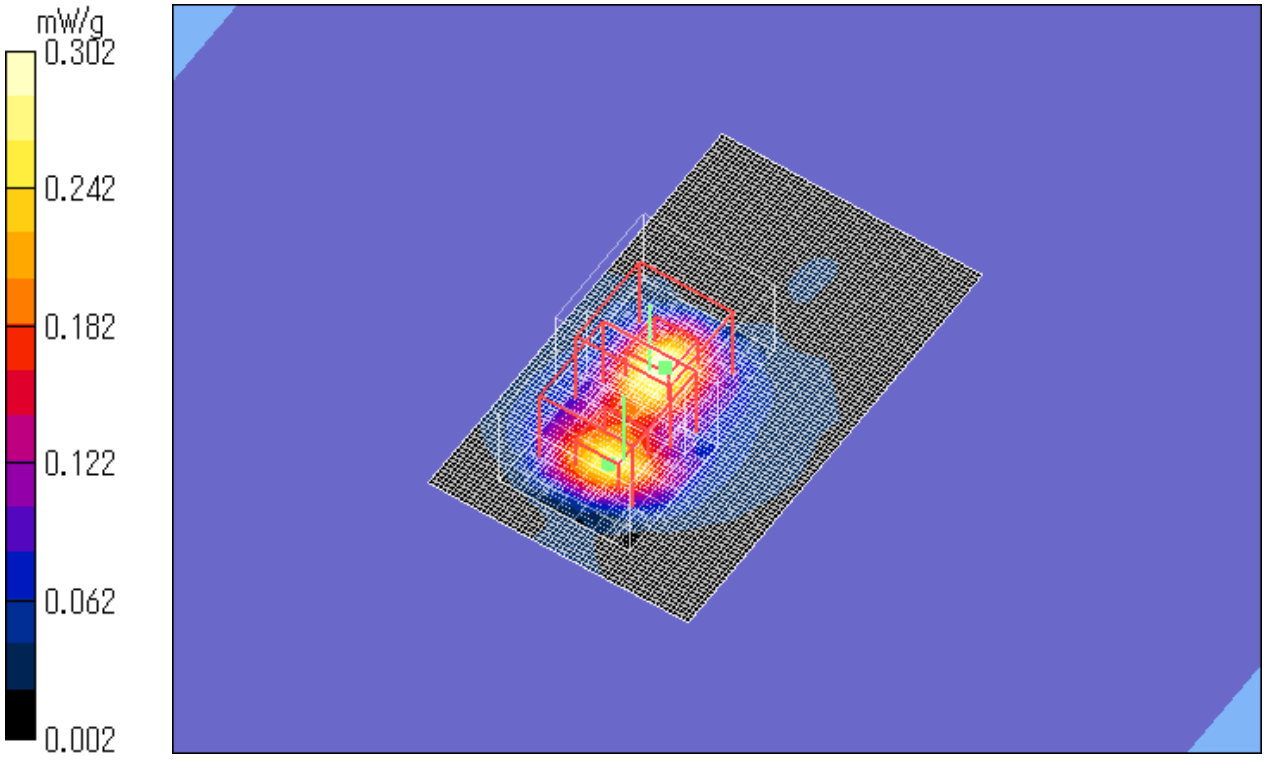
FC-N21S/BY5SS/ Body/ Aux antenna/ Top (Notebook type) / 11a 16QAM (24Mbps) / 5260MHz

Crest factor:1.4
Medium: M5200 Medium parameters used: f = 5200 MHz; σ = 5.51 mho/m; ε_r = 47.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.68, 4.68, 4.68); 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

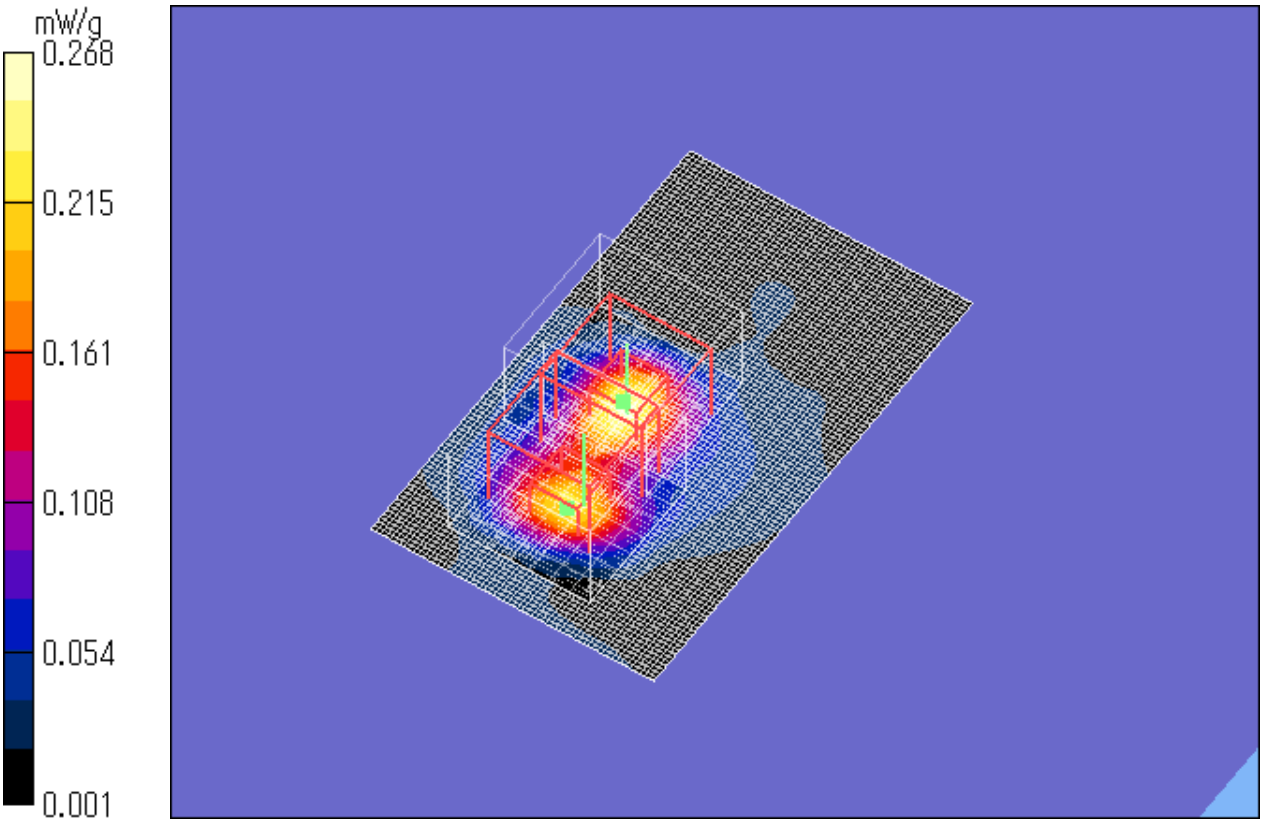
Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.346 mW/g
Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 5.72 V/m; Power Drift = 0.175 dB
Peak SAR (extrapolated) = 0.566 W/kg
SAR(1 g) = 0.166 mW/g; SAR(10 g) = 0.060 mW/g
Maximum value of SAR (measured) = 0.302 mW/g
Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 5.72 V/m; Power Drift = 0.175 dB
Peak SAR (extrapolated) = 0.438 W/kg
SAR(1 g) = 0.147 mW/g; SAR(10 g) = 0.057 mW/g
Maximum value of SAR (measured) = 0.268 mW/g
Test Date = 08/04/07
Ambient Temperature = 24.4 degree.c
Liquid Temperature = Before 24.3 degree.C , After 24.4 degree.C



FC-N21S/BY5SS/ Body/ Aux antenna/ Top (Notebook type) / 11a 64QAM (48Mbps) / 5260MHz

Crest factor:1.7
Medium: M5200 Medium parameters used: f = 5200 MHz; σ = 5.51 mho/m; ε_r = 47.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.68, 4.68, 4.68); 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 (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.272 mW/g
Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 5.27 V/m; Power Drift = 0.142 dB
Peak SAR (extrapolated) = 0.480 W/kg
SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.053 mW/g
Maximum value of SAR (measured) = 0.268 mW/g
Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 5.27 V/m; Power Drift = 0.142 dB
Peak SAR (extrapolated) = 0.424 W/kg
SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.052 mW/g
Maximum value of SAR (measured) = 0.223 mW/g
Test Date = 08/04/07
Ambient Temperature = 24.4 degree.c
Liquid Temperature = Before 24.4 degree.C , After 24.4 degree.C



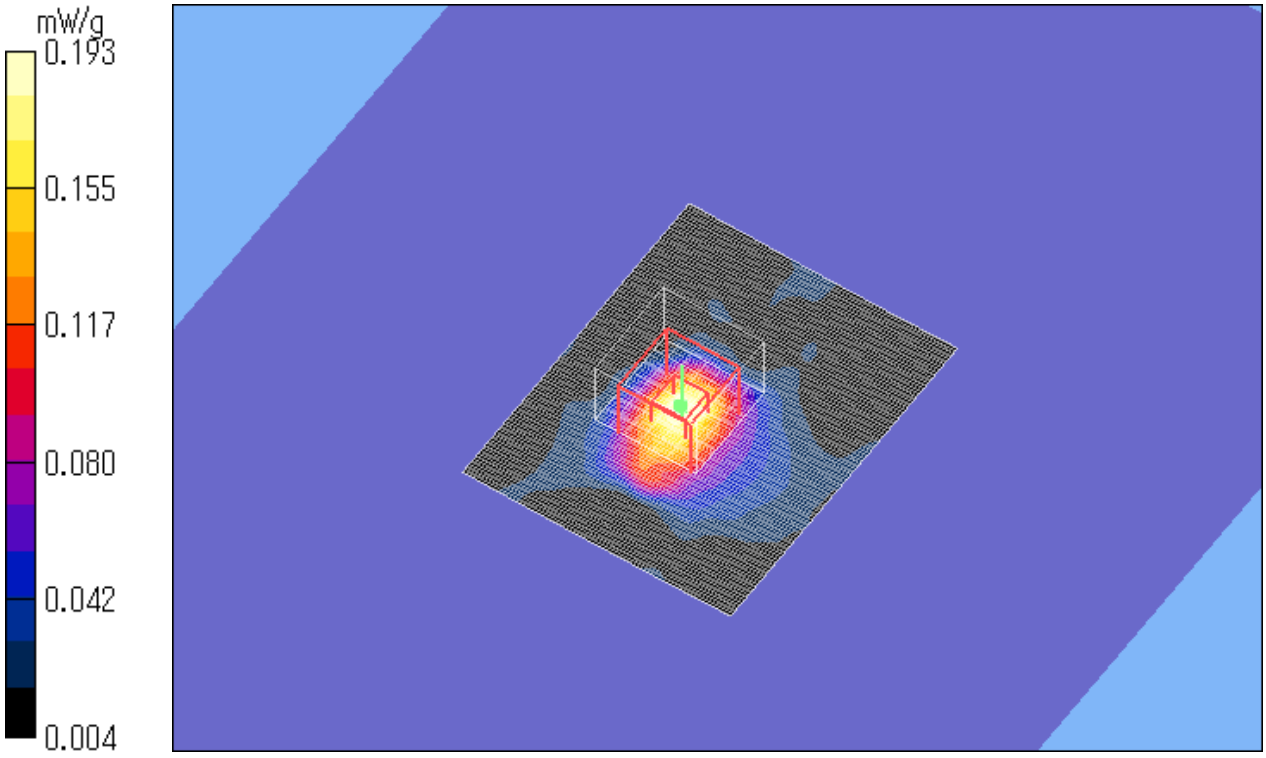
FC-N21S/BY5SS/ Body/ Aux antenna/ Top (Tablet type) / 11a QPSK (12Mbps) / 5260MHz

Crest factor:1.2
Medium: M5200 Medium parameters used: f = 5200 MHz; σ = 5.51 mho/m; ε_r = 47.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.68, 4.68, 4.68); 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 (81x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.218 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 5.30 V/m; Power Drift = -0.130 dB
Peak SAR (extrapolated) = 0.389 W/kg
SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.193 mW/g
Test Date = 08/04/07
Ambient Temperature = 24.4 degree.c
Liquid Temperature = Before 24.4 degree.C , After 24.4 degree.C

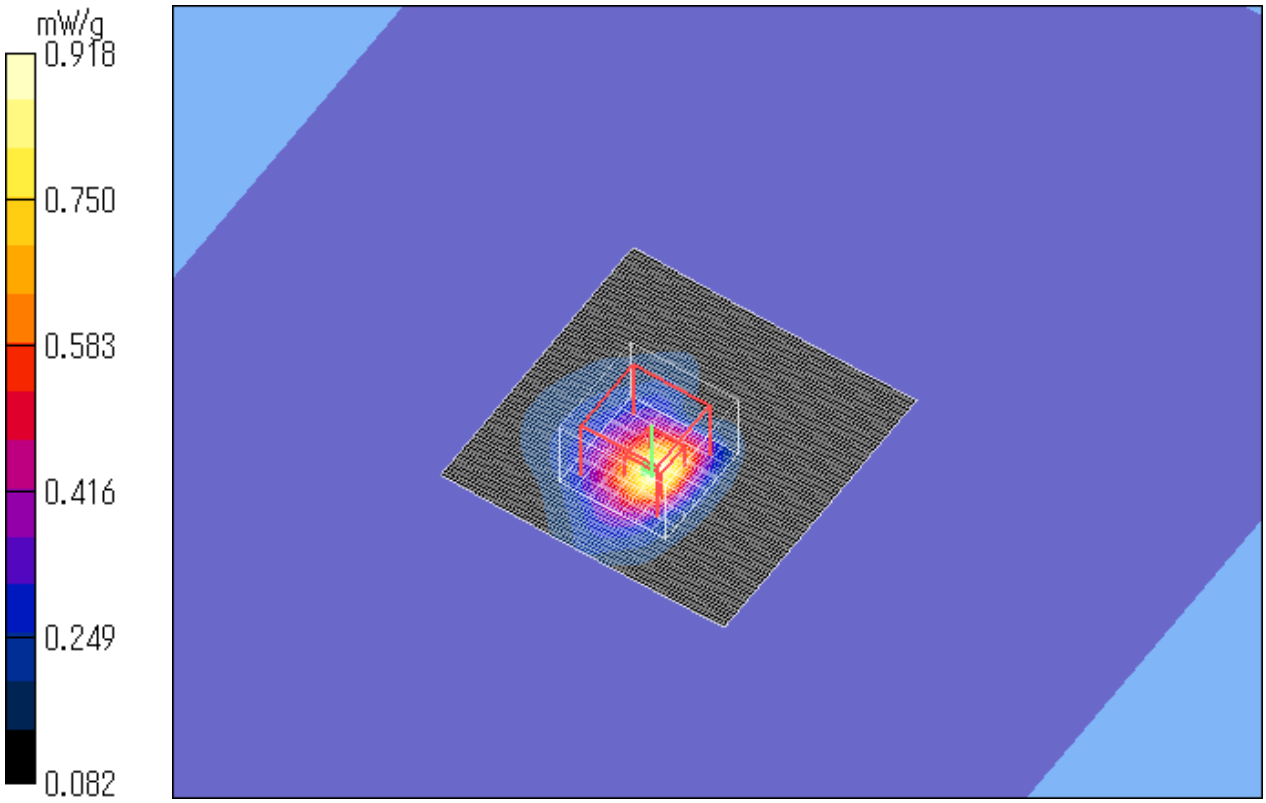


FC-N21S/BY5SS/ Body/ Aux antenna/ Back of display (Notebook type) / 11a QPSK (12Mbps) / 5260MHz

Crest factor:1.2
Medium: M5200 Medium parameters used: f = 5200 MHz; σ = 5.51 mho/m; ε_r = 47.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.68, 4.68, 4.68); 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=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.894 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 10.5 V/m; Power Drift = -0.174 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 0.518 mW/g; SAR(10 g) = 0.246 mW/g
Maximum value of SAR (measured) = 0.918 mW/g
Test Date = 08/04/07
Ambient Temperature = 24.4 degree.c
Liquid Temperature = Before 24.4 degree.C , After 24.4 degree.C



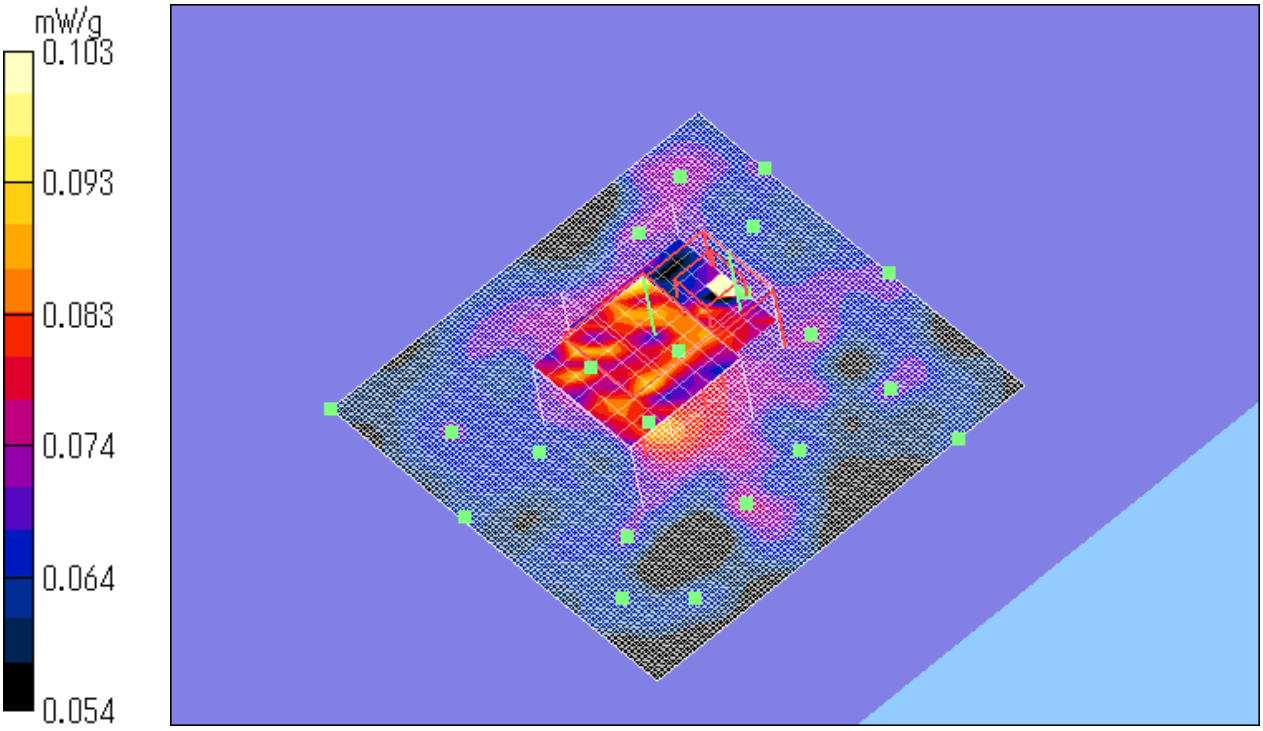
FC-N21S/BY5SS/ Body/ Aux antenna/ Bottom (Notebook type) / 11a QPSK (12Mbps) / 5260MH

Crest factor:1.2
Medium: M5200 Medium parameters used: f = 5200 MHz; σ = 5.51 mho/m; ε_r = 47.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.68, 4.68, 4.68); 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 (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.090 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.40 V/m; Power Drift = -0.031 dB
Peak SAR (extrapolated) = 0.103 W/kg
SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.079 mW/g
Maximum value of SAR (measured) = 0.103 mW/g

Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.40 V/m; Power Drift = -0.031 dB
Peak SAR (extrapolated) = 0.852 W/kg
SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.00846 mW/g
Maximum value of SAR (measured) = 0.852 mW/g
Test Date = 08/04/07
Ambient Temperature = 24.4 degree.c
Liquid Temperature = Before 24.4 degree.C , After 24.4 degree.C



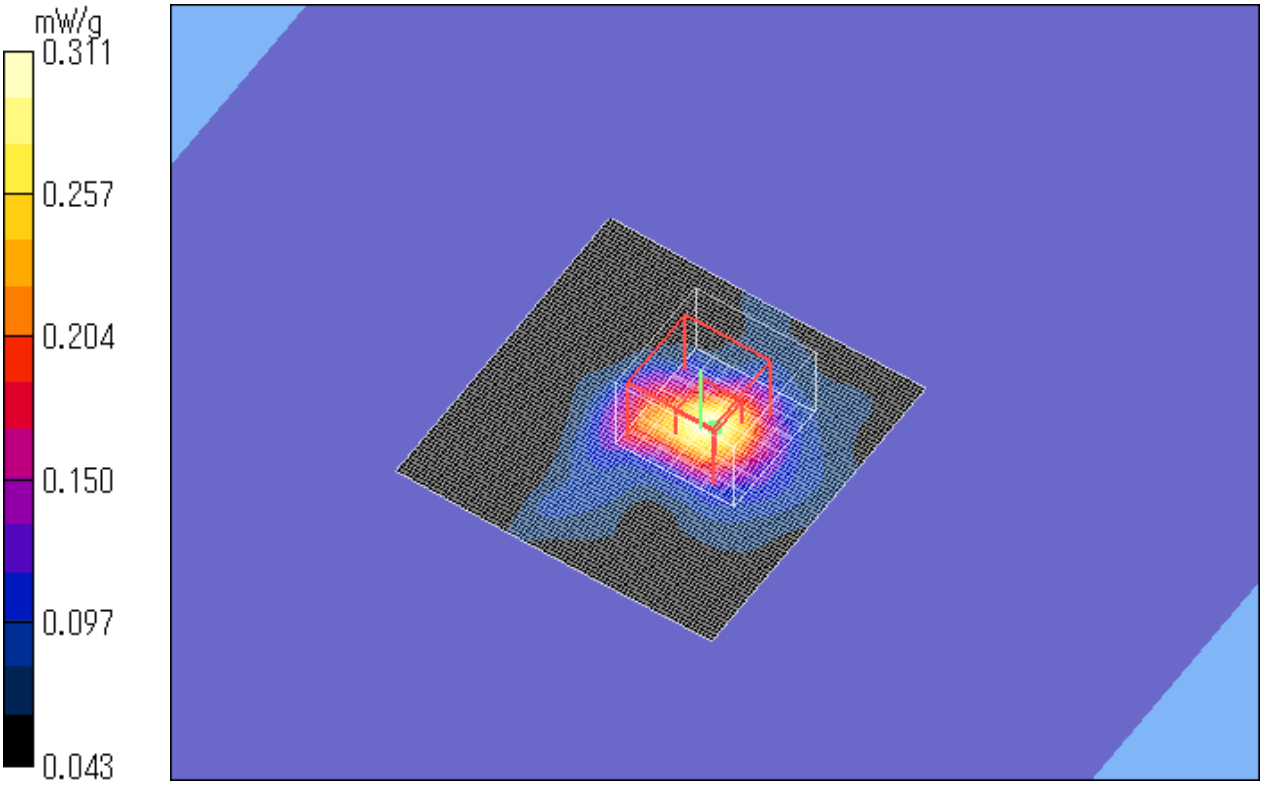
FC-N21S/BY5SS/ Body/ Aux antenna/ Front of display (Notebook type) / 11a QPSK (12Mbps) / 5260MHz

Crest factor:1.2
Medium: M5200 Medium parameters used: f = 5200 MHz; σ = 5.51 mho/m; ε_r = 47.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.68, 4.68, 4.68); 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=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.310 mW/g

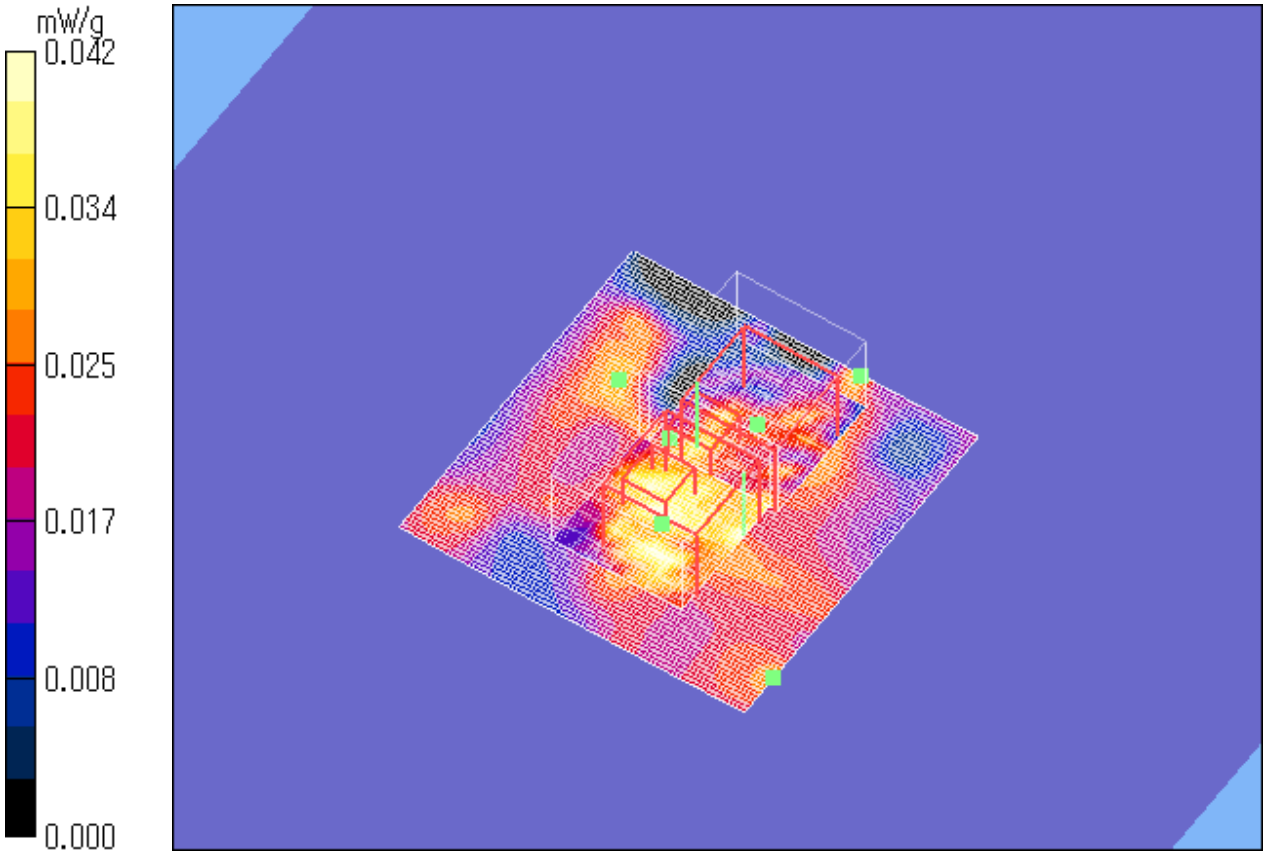
Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.82 V/m; Power Drift = 0.090 dB
Peak SAR (extrapolated) = 0.576 W/kg

SAR(1 g) = 0.197 mW/g; SAR(10 g) = 0.111 mW/g
Maximum value of SAR (measured) = 0.311 mW/g
Test Date = 08/04/07
Ambient Temperature = 24.4 degree.c
Liquid Temperature = Before 24.4 degree.C , After 24.4 degree.C



FC-N21S/BY5SS/ Body/ Aux antenna/ Left side (Tablet type) / 11a QPSK (12Mbps) / 5260MHz
Crest factor:1.2
Medium: M5200 Medium parameters used: f = 5200 MHz; σ = 5.51 mho/m; ε_r = 47.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.68, 4.68, 4.68); 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=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.042 mW/g
Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.55 V/m; Power Drift = -0.191 dB
Peak SAR (extrapolated) = 0.063 W/kg
SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.017 mW/g
Maximum value of SAR (measured) = 0.043 mW/g
Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.55 V/m; Power Drift = -0.191 dB
Peak SAR (extrapolated) = 0.086 W/kg
SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.012 mW/g
Maximum value of SAR (measured) = 0.036 mW/g
Test Date = 08/04/07
Ambient Temperature = 24.4 degree.c
Liquid Temperature = Before 24.4 degree.C , After 24.4 degree.C



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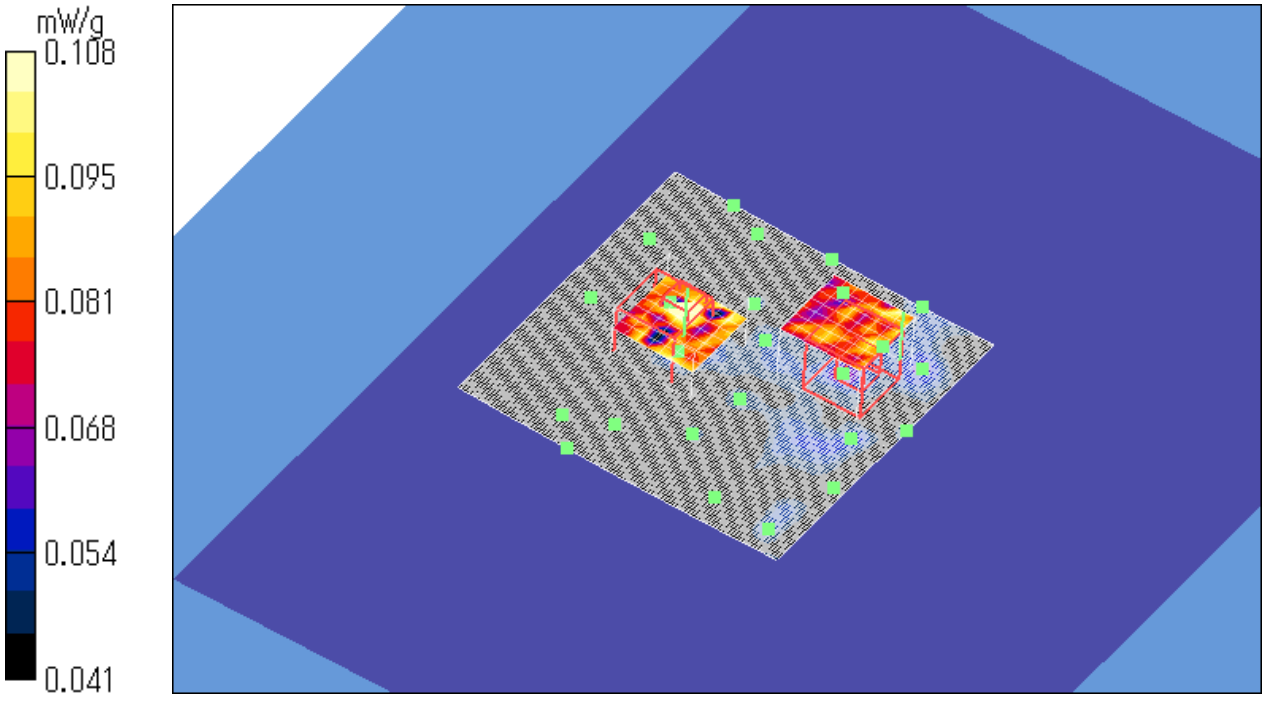
FC-N21S/BY5SS/ Body/ Aux antenna/ Bottom (Tablet type) / 11a QPSK (12Mbps) / 5260MHz

Crest factor:1.2
Medium: M5200 Medium parameters used: f = 5200 MHz; σ = 5.51 mho/m; ε_r = 47.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.68, 4.68, 4.68); 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 (121x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.065 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.65 V/m; Power Drift = 0.121 dB
Peak SAR (extrapolated) = 0.108 W/kg
SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.073 mW/g
Maximum value of SAR (measured) = 0.108 mW/g

Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.65 V/m; Power Drift = 0.121 dB
Peak SAR (extrapolated) = 0.691 W/kg
SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00346 mW/g
Maximum value of SAR (measured) = 0.691 mW/g
Test Date = 08/04/07
Ambient Temperature = 24.4 degree.c
Liquid Temperature = Before 24.4 degree.C , After 24.3 degree.C

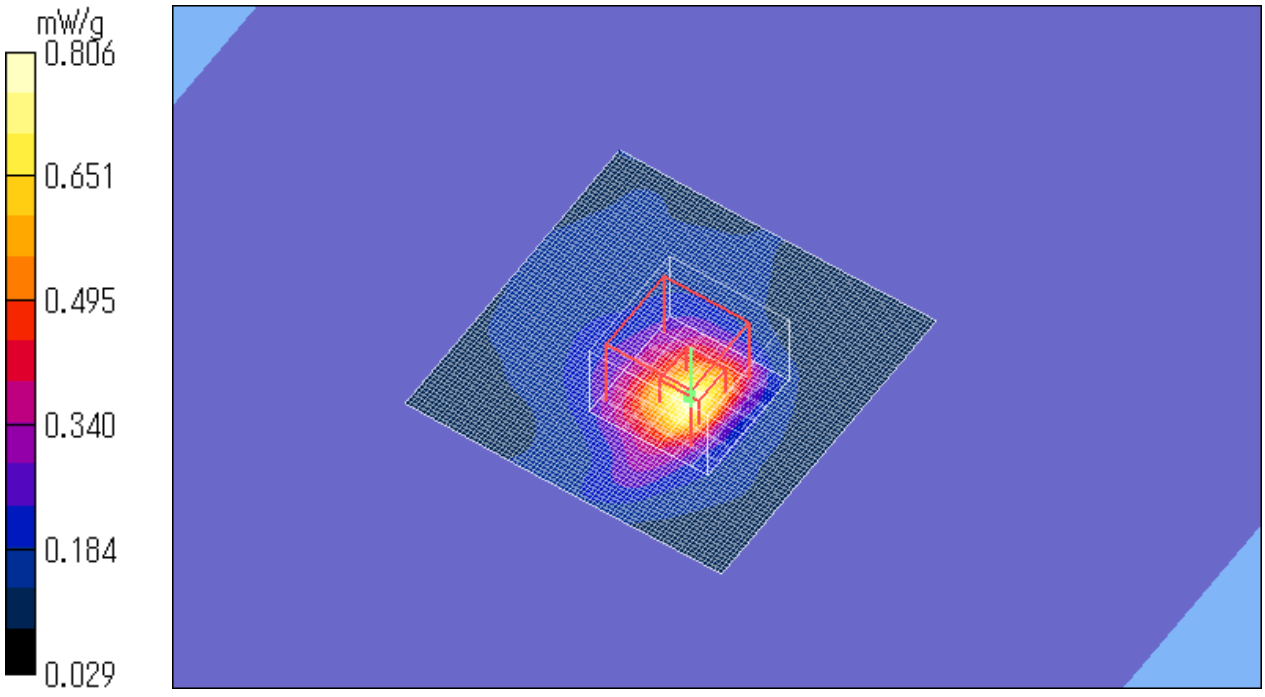


FC-N21S/BY5SS/ Body/ Aux antenna/ Back of display (Notebook type) / 11a QPSK (12Mbps) / 5180MHz

Crest factor:1.2
Medium: M5200 Medium parameters used: f = 5200 MHz; σ = 5.51 mho/m; ε_r = 47.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.68, 4.68, 4.68); 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=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.856 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 9.74 V/m; Power Drift = 0.028 dB
Peak SAR (extrapolated) = 2.06 W/kg
SAR(1 g) = 0.369 mW/g; SAR(10 g) = 0.127 mW/g
Maximum value of SAR (measured) = 0.806 mW/g
Test Date = 08/04/07
Ambient Temperature = 24.4 degree.c
Liquid Temperature = Before 24.3 degree.C , After 24.3 degree.C

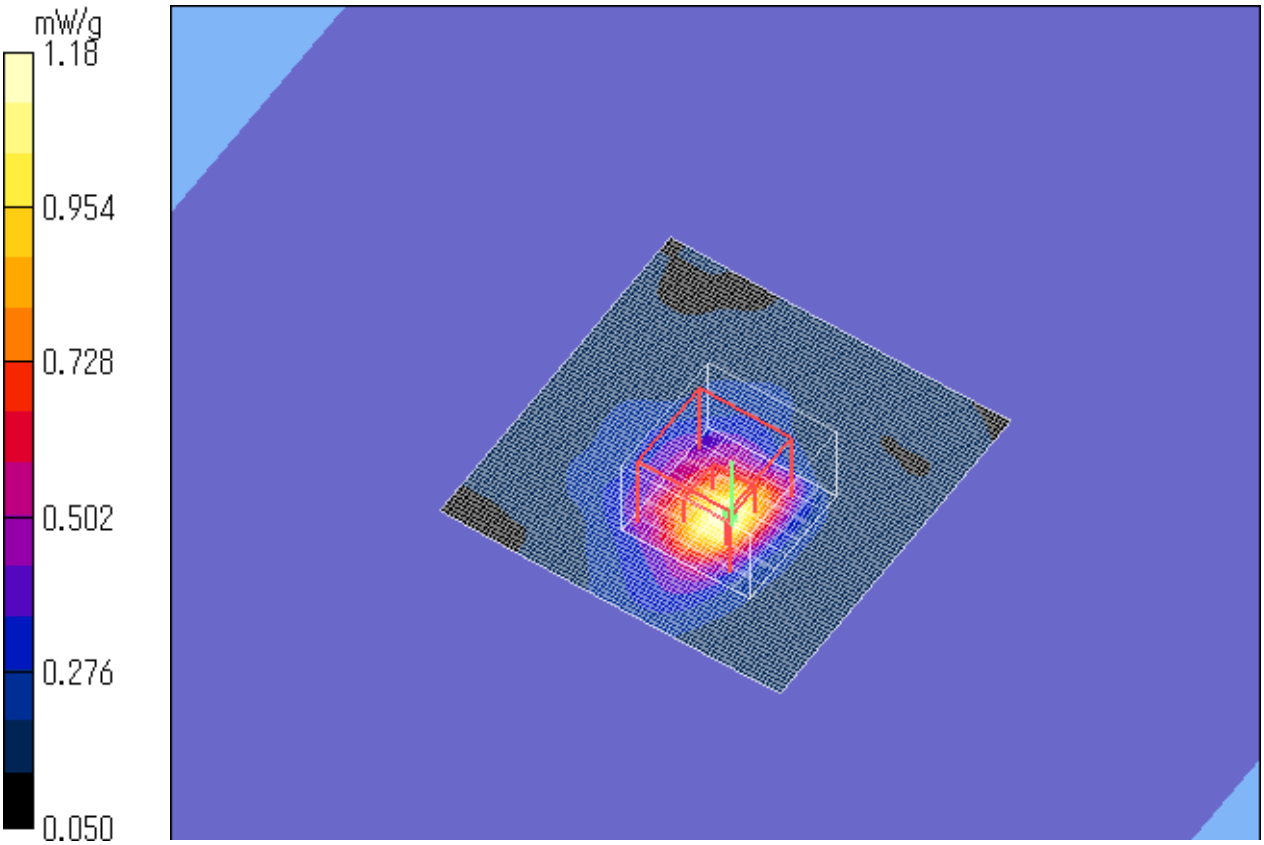


FC-N21S/BY5SS/ Body/ Aux antenna/ Back of display (Notebook type) / 11a QPSK (12Mbps) / 5320MHz

Crest factor:1.2
Medium: M5200 Medium parameters used: f = 5200 MHz; σ = 5.51 mho/m; ε_r = 47.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.68, 4.68, 4.68); 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=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.24 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 11.5 V/m; Power Drift = -0.199 dB
Peak SAR (extrapolated) = 2.44 W/kg
SAR(1 g) = 0.701 mW/g; SAR(10 g) = 0.349 mW/g
Maximum value of SAR (measured) = 1.18 mW/g
Test Date = 08/04/07
Ambient Temperature = 24.4 degree.c
Liquid Temperature = Before 24.3 degree.C , After 24.3 degree.C



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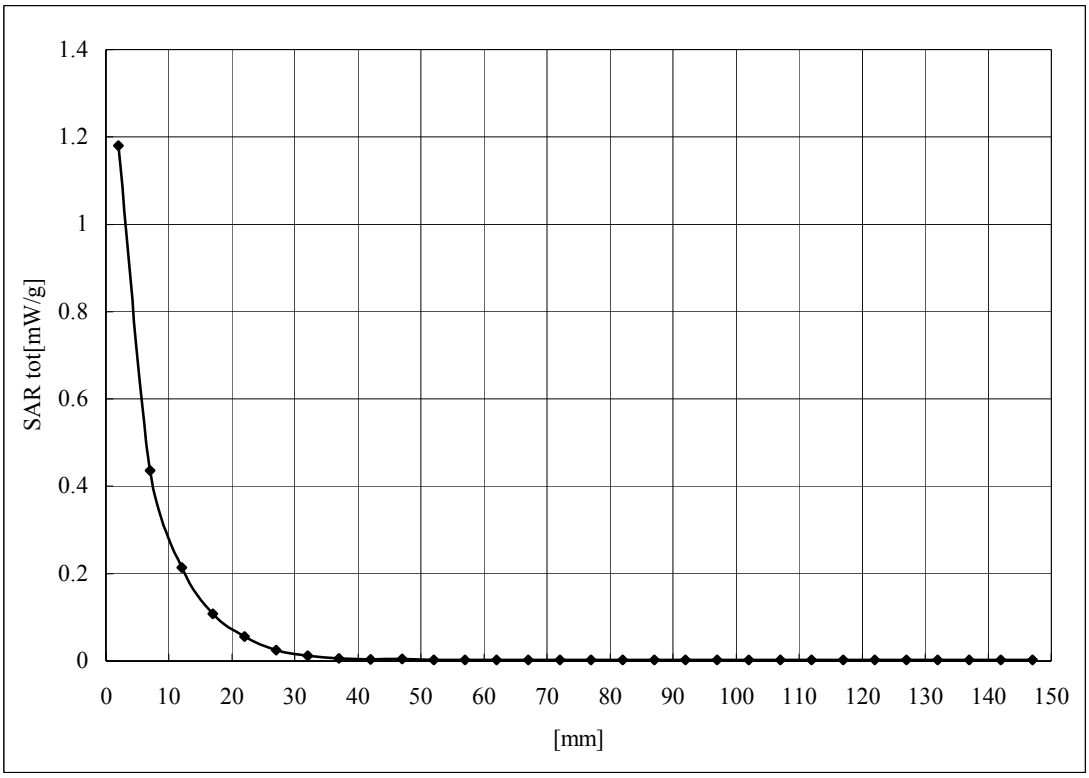
FC-N21S/BY5SS/ Body/ Aux antenna/ Back of display (Notebook type) / 11a QPSK (12Mbps) / 5320MHz

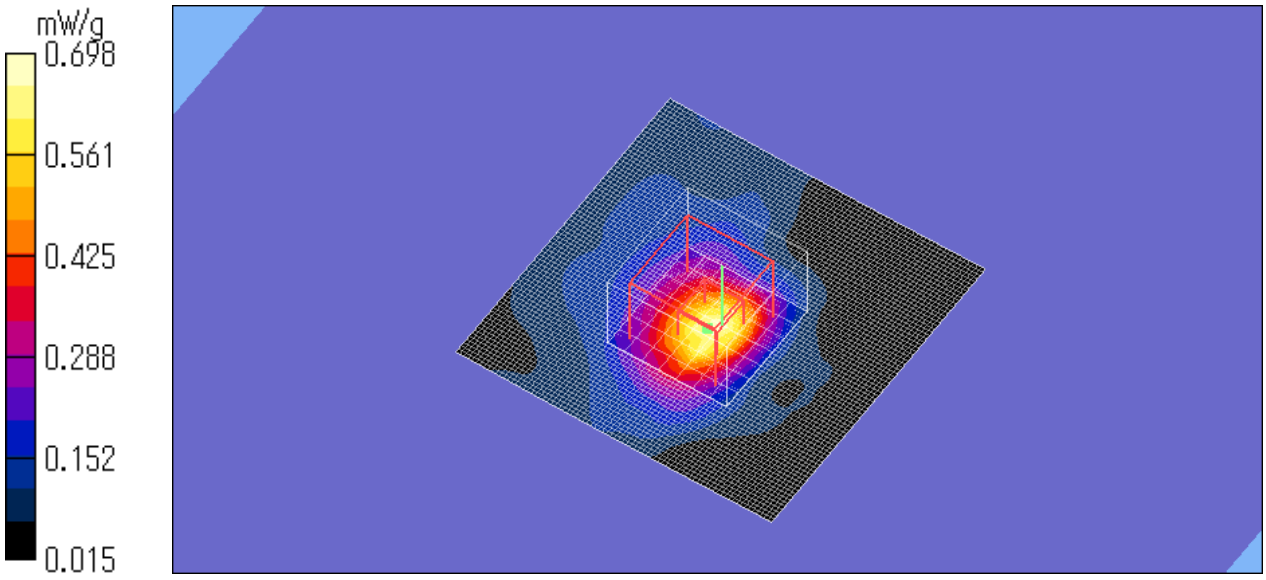
Crest factor:1.2
Medium: M5200 Medium parameters used: f = 5200 MHz; σ = 5.51 mho/m; ε_r = 47.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.68, 4.68, 4.68); Calibrated: 2007/06/15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom 4.3
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160



FC-N21S/BY5SS/ Body/ Aux antenna/ Back of display (Notebook type) / 11a QPSK (12Mbps) / 5320MHz/ Separation 5mm
Duty Cycle: 1:1.19
Medium: M5200 Medium parameters used: f = 5200 MHz; σ = 5.51 mho/m; ε_r = 47.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.68, 4.68, 4.68); 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=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.686 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 11.0 V/m; Power Drift = 0.112 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.379 mW/g; SAR(10 g) = 0.153 mW/g
Maximum value of SAR (measured) = 0.698 mW/g
Test Date = 08/04/07
Ambient Temperature = 24.4 degree.c
Liquid Temperature = Before 24.3 degree.C , After 24.3 degree.C



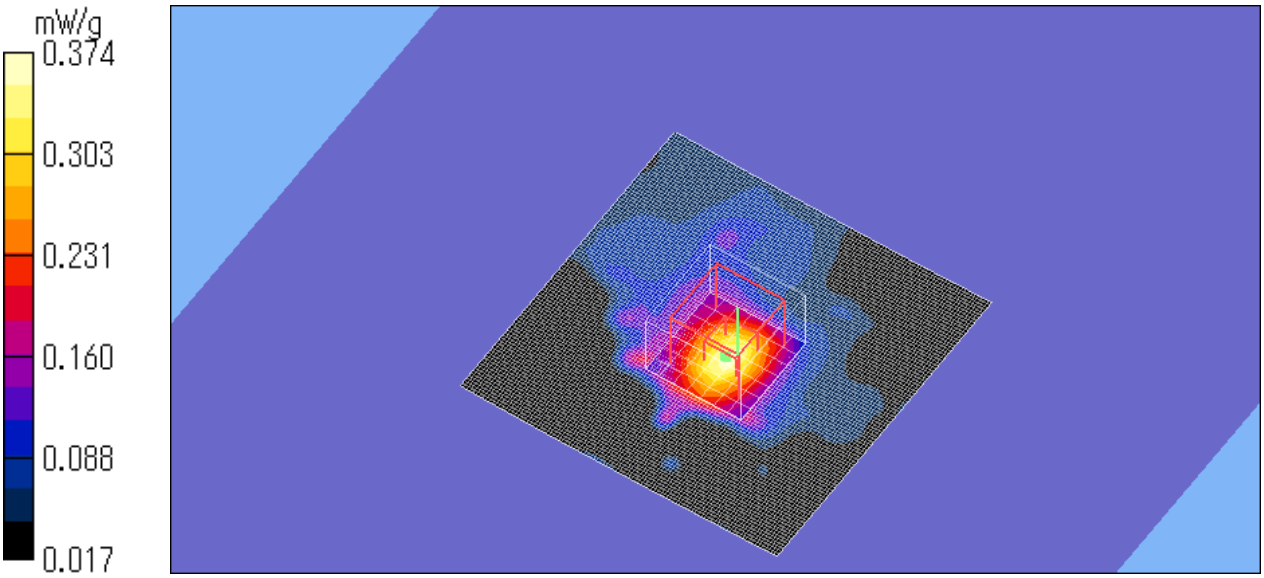
FC-N21S/BY5SS/ Body/ Aux antenna/ Back of display (Notebook type) / 11a QPSK (12Mbps) / 5320MHz/ Separation 10mm

Duty Cycle: 1:1.19
Medium: M5200 Medium parameters used: f = 5200 MHz; σ = 5.51 mho/m; ε_r = 47.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.68, 4.68, 4.68); 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 (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.343 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 8.30 V/m; Power Drift = -0.191 dB
Peak SAR (extrapolated) = 0.997 W/kg

SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.084 mW/g
Maximum value of SAR (measured) = 0.374 mW/g
Test Date = 08/04/07
Ambient Temperature = 24.4 degree.c
Liquid Temperature = Before 24.3 degree.C , After 24.3 degree.C

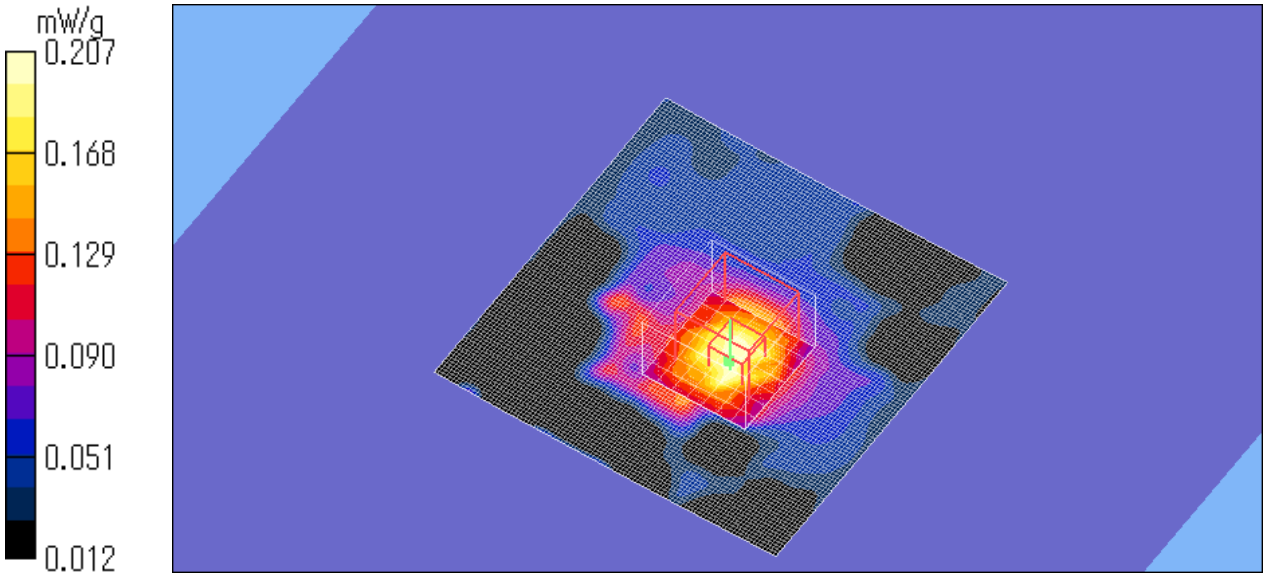


FC-N21S/BY5SS/ Body/ Aux antenna/ Back of display (Notebook type) / 11a QPSK (12Mbps) / 5320MHz/ Separation 15mm

Duty Cycle: 1:1.19
Medium: M5200 Medium parameters used: f = 5200 MHz; σ = 5.51 mho/m; ε_r = 47.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.68, 4.68, 4.68); 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 (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.217 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.31 V/m; Power Drift = -0.197 dB
Peak SAR (extrapolated) = 0.541 W/kg
SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.049 mW/g
Maximum value of SAR (measured) = 0.207 mW/g
Test Date = 08/04/07
Ambient Temperature = 24.4 degree.c
Liquid Temperature = Before 24.3 degree.C , After 24.3 degree.C



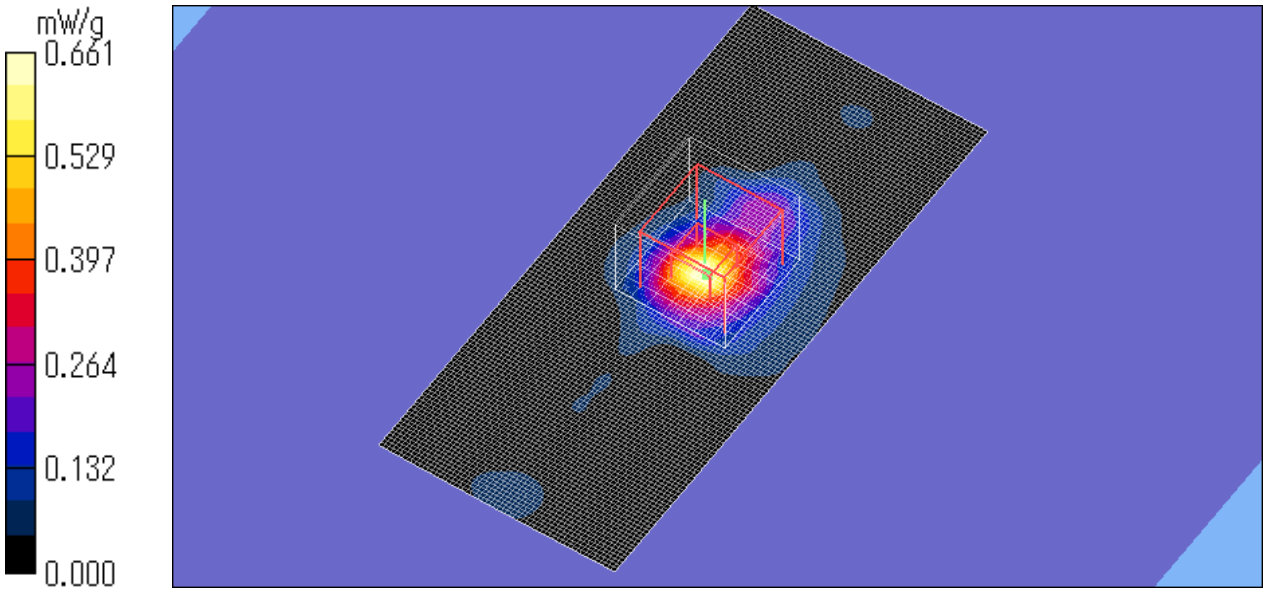
3. Measurement data (Body SAR 5GHz IEEE 802.11a High band mode 5745-5825MHz)

FC-N21S/BY5SS/ Body/ Main antenna/ Top (Notebook type) / 11a BPSK (6Mbps) / 5785MHz

Crest factor: 1.1
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.23 mho/m; ε_r = 44.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.55, 4.55, 4.55); 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 (61x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.629 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 9.35 V/m; Power Drift = -0.127 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.103 mW/g
Maximum value of SAR (measured) = 0.661 mW/g
Test Date = 08/20/07
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.5 degree.C , After 24.5 degree.C

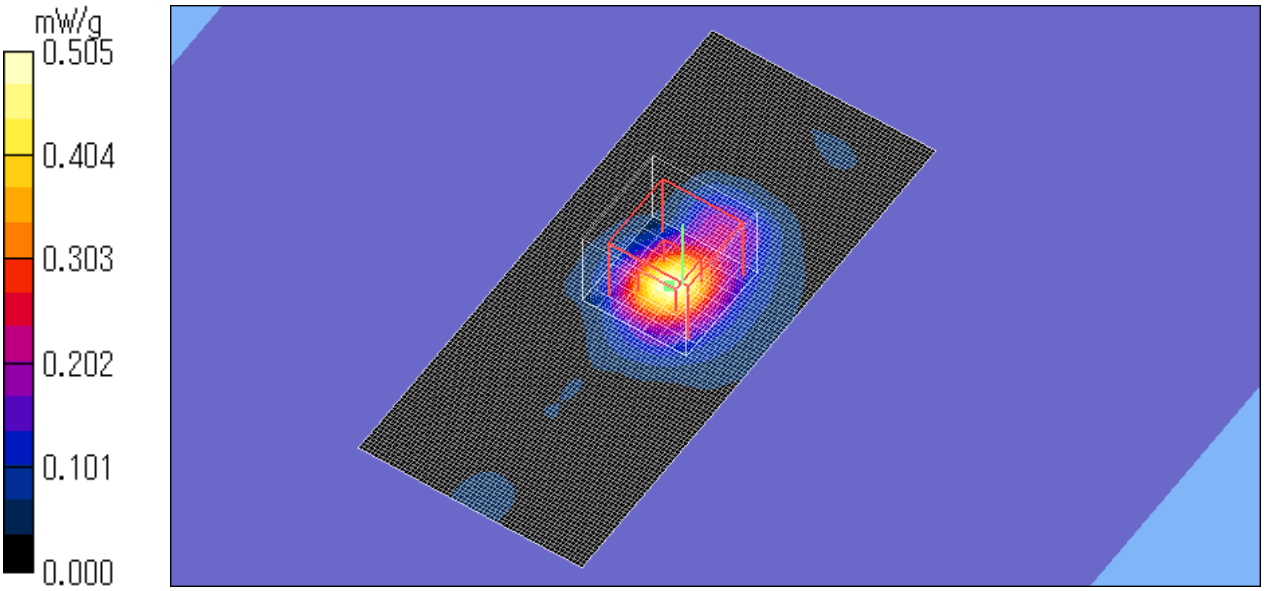


FC-N21S/BY5SS/ Body/ Main antenna/ Top (Notebook type) / 11a QPSK (12Mbps) / 5785MHz

Crest factor: 1.2
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.23 mho/m; ε_r = 44.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.55, 4.55, 4.55); 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 (61x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.532 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 8.36 V/m; Power Drift = -0.101 dB
Peak SAR (extrapolated) = 0.933 W/kg
SAR(1 g) = 0.257 mW/g; SAR(10 g) = 0.086 mW/g
Maximum value of SAR (measured) = 0.505 mW/g
Test Date = 08/20/07
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.5 degree.C , After 24.5 degree.C

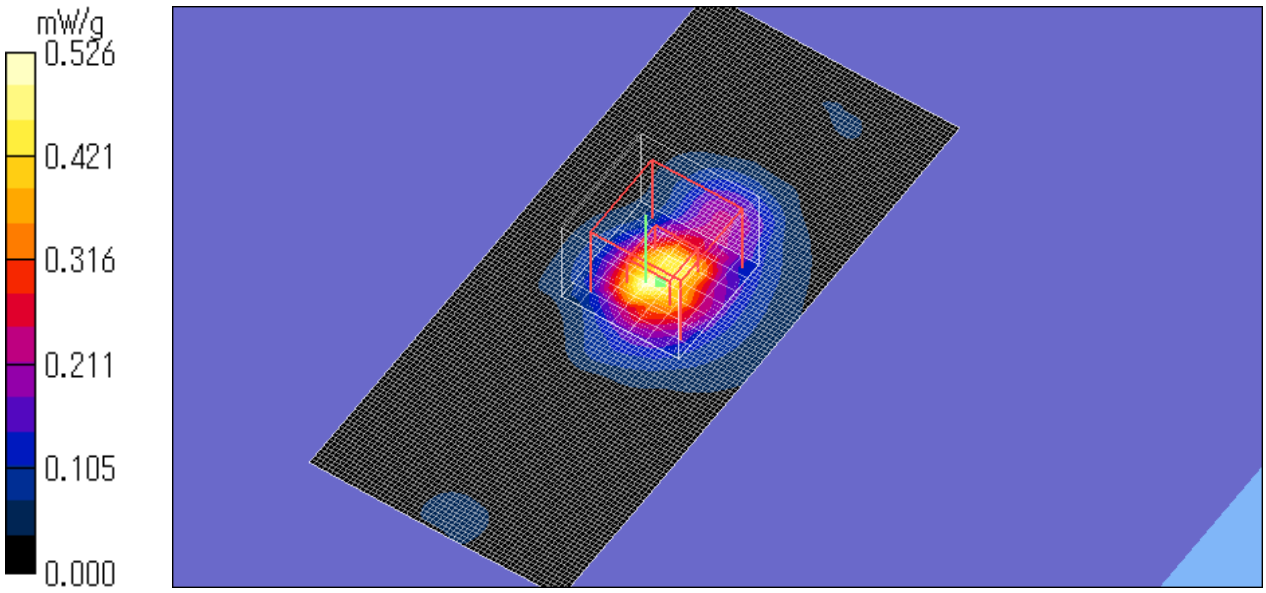


FC-N21S/BY5SS/ Body/ Main antenna/ Top (Notebook type) / 11a 16QAM (24Mbps) / 5785MHz

Crest factor: 1.4
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.23 mho/m; ε_r = 44.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.55, 4.55, 4.55); 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 (61x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.555 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 8.49 V/m; Power Drift = -0.162 dB
Peak SAR (extrapolated) = 0.909 W/kg
SAR(1 g) = 0.250 mW/g; SAR(10 g) = 0.086 mW/g
Maximum value of SAR (measured) = 0.526 mW/g
Test Date = 08/20/07
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.5 degree.C , After 24.5 degree.C

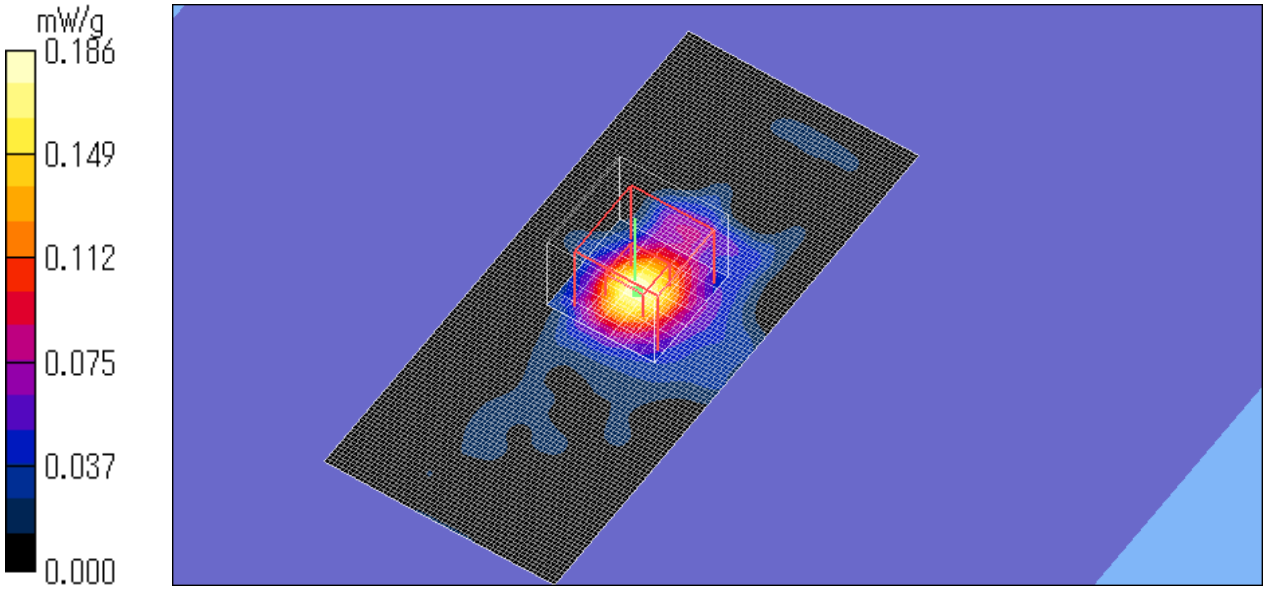


FC-N21S/BY5SS/ Body/ Main antenna/ Top (Notebook type) / 11a 64QAM (48Mbps) / 5785MHz

Crest factor: 1.4
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.23 mho/m; ε_r = 44.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.55, 4.55, 4.55); 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 (61x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.186 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 5.12 V/m; Power Drift = -0.174 dB
Peak SAR (extrapolated) = 0.339 W/kg
SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.186 mW/g
Test Date = 08/20/07
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.5 degree.C , After 24.5 degree.C

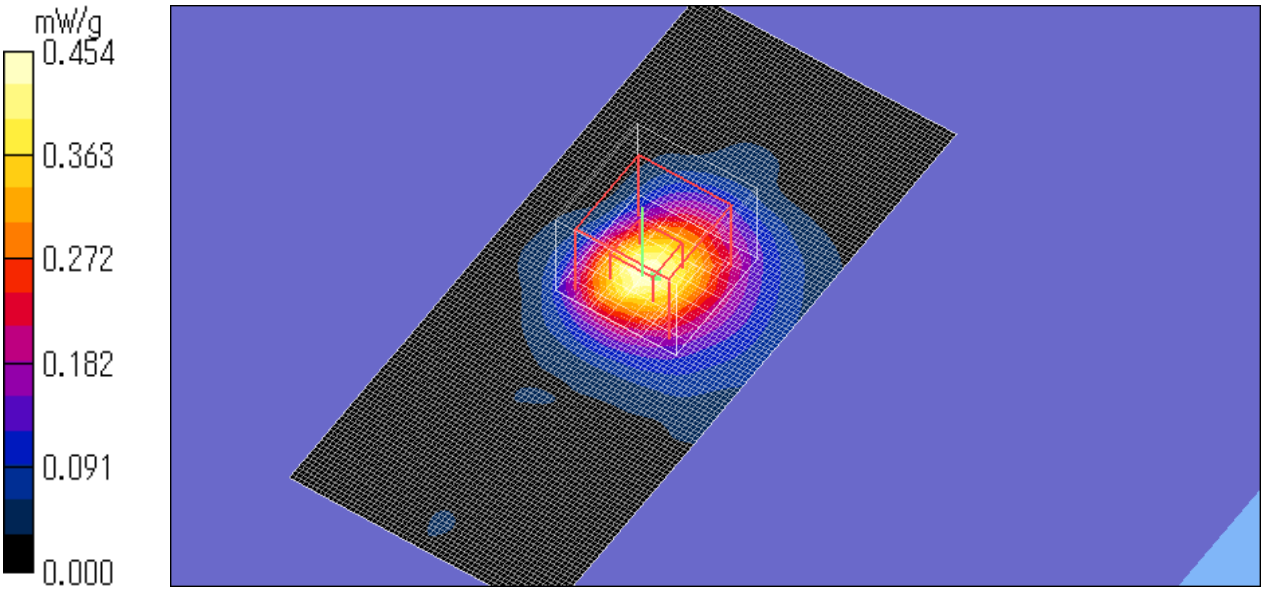


FC-N21S/BY5SS/ Body/ Main antenna/ Top (Tablet type) / 11a BPSK (6Mbps) / 5785MHz

Crest factor: 1.1
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.23 mho/m; ε_r = 44.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.55, 4.55, 4.55); 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 (61x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.464 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 7.53 V/m; Power Drift = -0.181 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.239 mW/g; SAR(10 g) = 0.090 mW/g
Maximum value of SAR (measured) = 0.454 mW/g
Test Date = 08/20/07
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.4 degree.C , After 24.4 degree.C

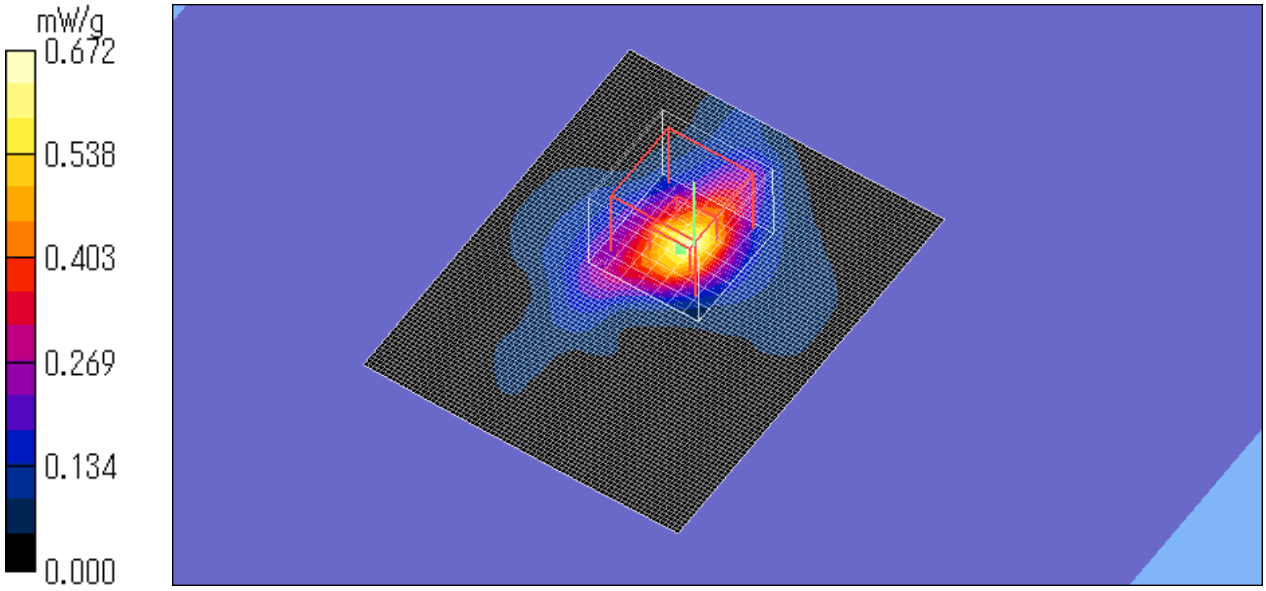


FC-N21S/BY5SS/ Body/ Main antenna/ Back of display (Notebook type) / 11a BPSK (6Mbps) / 5785MHz

Crest factor: 1.1
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.23 mho/m; ε_r = 44.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.55, 4.55, 4.55); 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 (81x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.672 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.13 V/m; Power Drift = -0.126 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.297 mW/g; SAR(10 g) = 0.101 mW/g
Maximum value of SAR (measured) = 0.672 mW/g
Test Date = 08/20/07
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.3 degree.C , After 24.3 degree.C



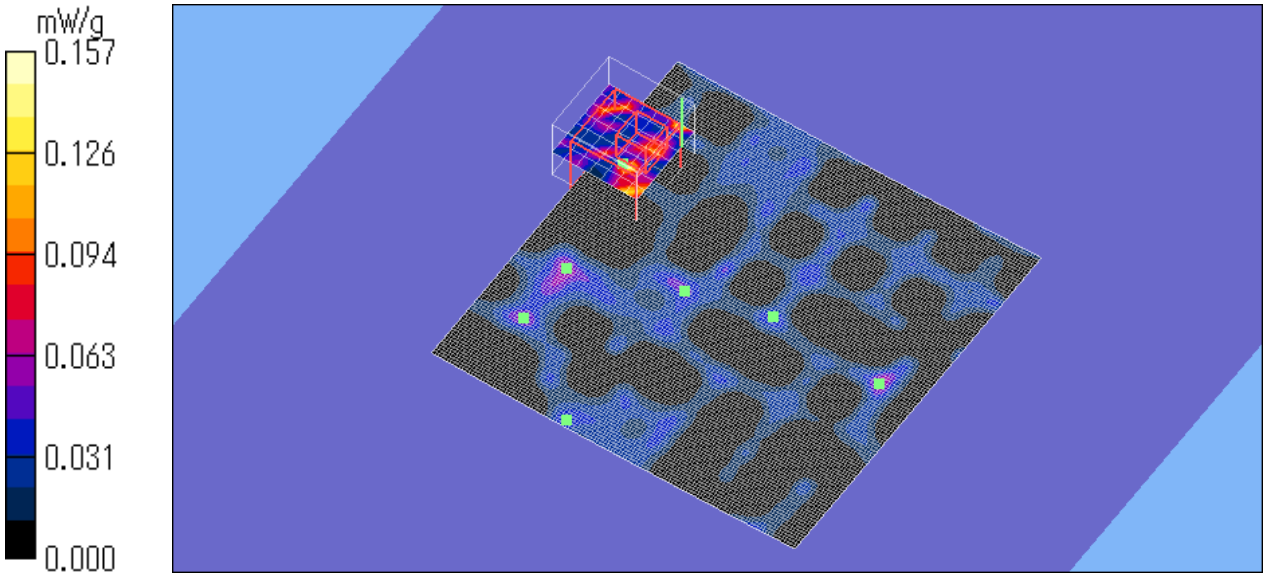
FC-N21S/BY5SS/ Body/ Main antenna/ Bottom (Notebook type) / 11a BPSK (6Mbps) / 5785MHz

Crest factor: 1.1
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.23 mho/m; ε_r = 44.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.55, 4.55, 4.55); 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 (121x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.070 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.28 V/m; Power Drift = 0.022 dB
Peak SAR (extrapolated) = 0.182 W/kg
SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00835 mW/g

Maximum value of SAR (measured) = 0.157 mW/g
Test Date = 08/20/07
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.3 degree.C , After 24.3 degree.C

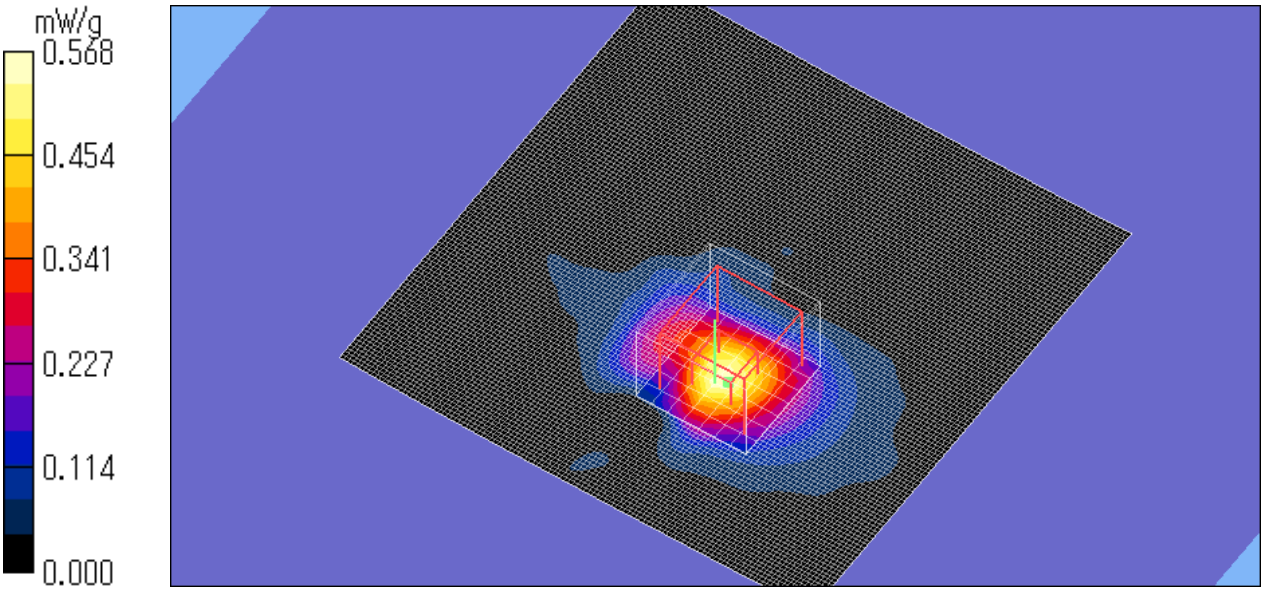


FC-N21S/BY5SS/ Body/ Main antenna/ Front of display (Tablet type) / 11a BPSK (6Mbps) / 5785MHz

Crest factor: 1.1
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.23 mho/m; ε_r = 44.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.55, 4.55, 4.55); 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 (121x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.608 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.81 V/m; Power Drift = 0.026 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.110 mW/g
Maximum value of SAR (measured) = 0.568 mW/g
Test Date = 08/20/07
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.4 degree.C , After 24.3 degree.C



FC-N21S/BY5SS/ Body/ Main antenna/ Right side (Tablet type) / 11a BPSK (6Mbps) / 5785MHz

Crest factor: 1.1
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.23 mho/m; ε_r = 44.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.55, 4.55, 4.55); 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

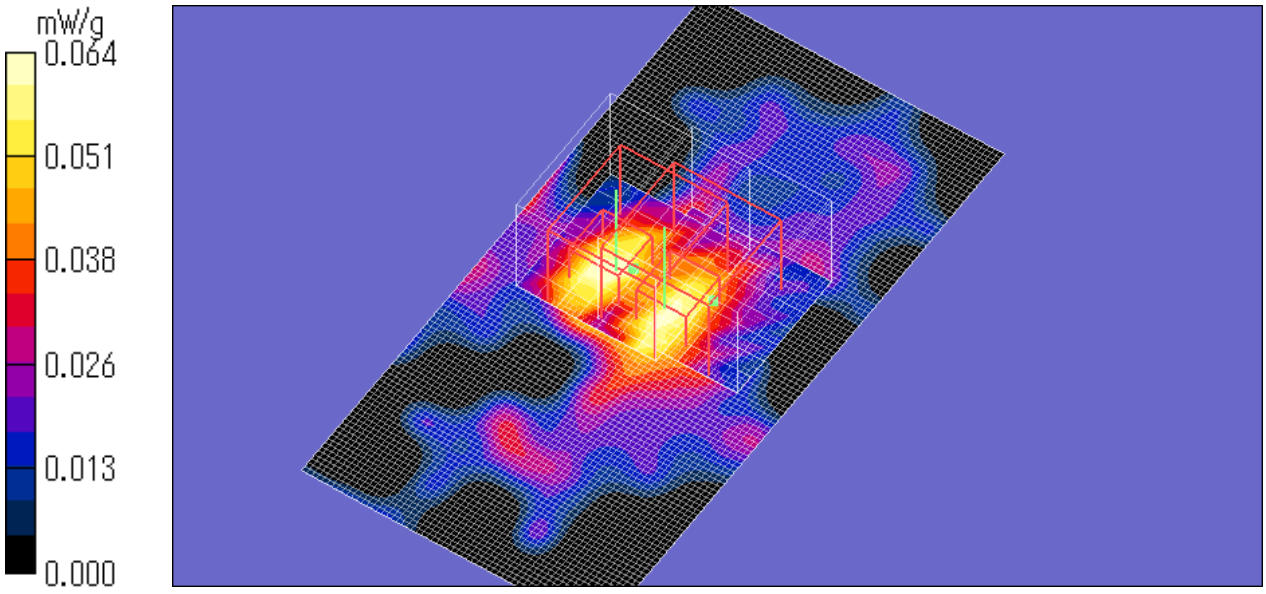
Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.078 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.32 V/m; Power Drift = -0.194 dB
Peak SAR (extrapolated) = 0.127 W/kg
SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.012 mW/g

Maximum value of SAR (measured) = 0.070 mW/g

Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.32 V/m; Power Drift = -0.194 dB
Peak SAR (extrapolated) = 0.110 W/kg
SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.00902 mW/g

Maximum value of SAR (measured) = 0.064 mW/g
Test Date = 08/20/07
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.1 degree.C , After 24.2 degree.C



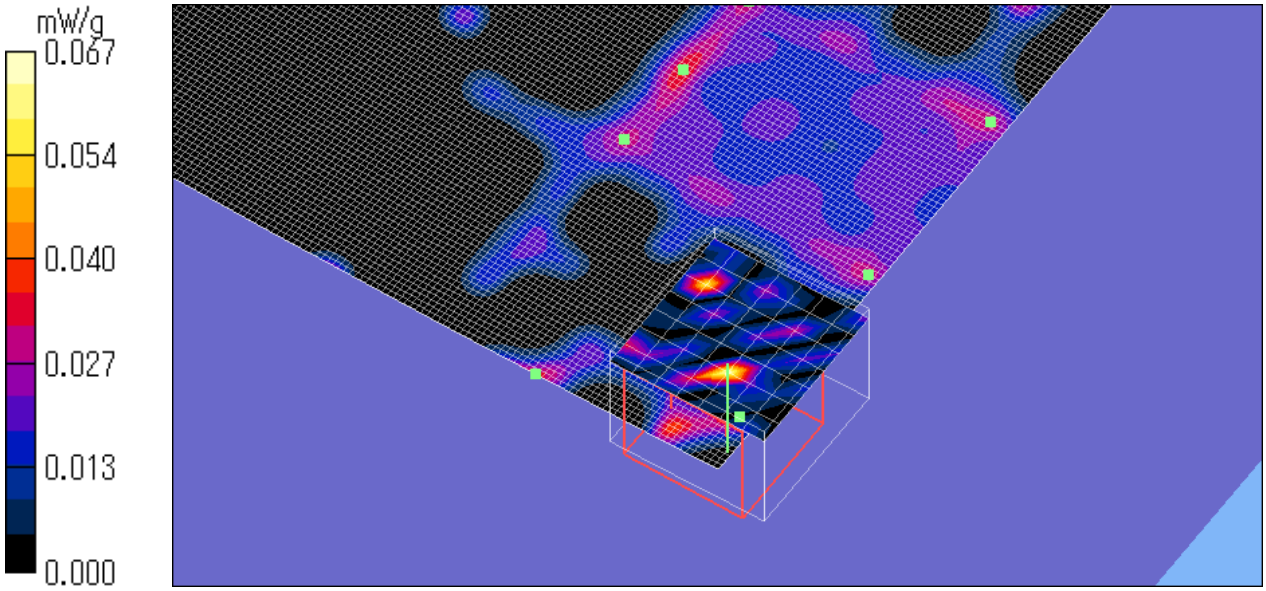
FC-N21S/BY5SS/ Body/ Main antenna/ Bottom (Tablet type) / 11a BPSK (6Mbps) / 5785MHz

Crest factor: 1.1
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.23 mho/m; ε_r = 44.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.55, 4.55, 4.55); 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 (121x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.040 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.45 V/m; Power Drift = 0.011dB
Peak SAR (extrapolated) = 0.052 W/kg
SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00501 mW/g

Maximum value of SAR (measured) = 0.067 mW/g
Test Date = 08/20/07
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.3 degree.C , After 24.4 degree.C

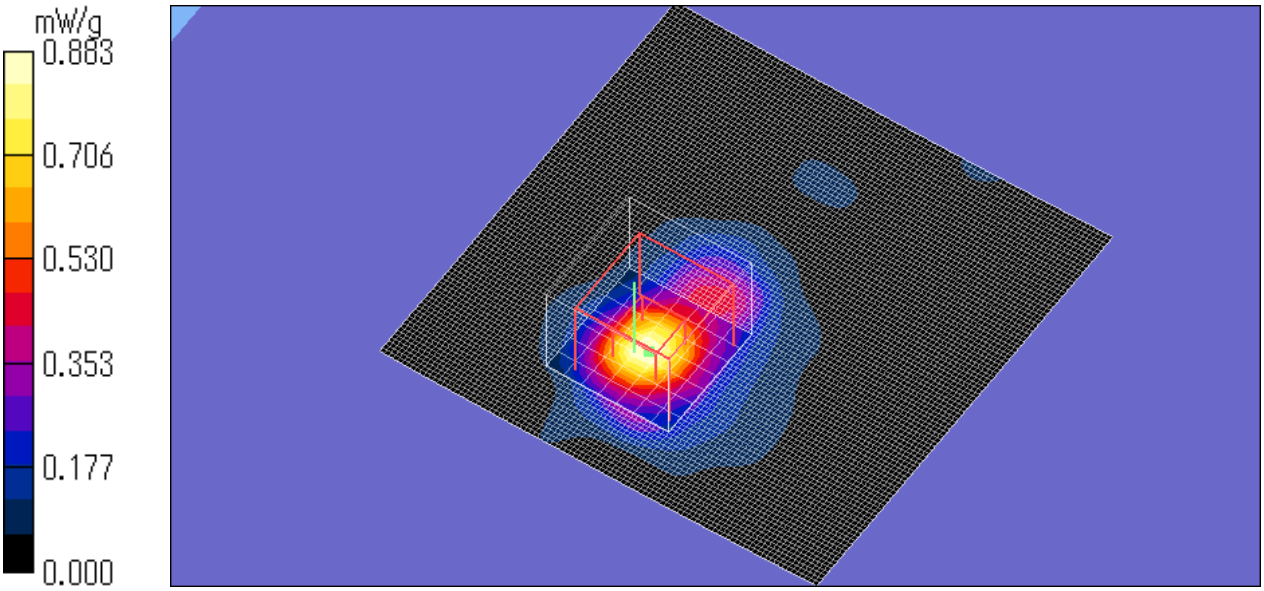


FC-N21S/BY5SS/ Body/ Main antenna/ Top (Notebook type) / 11a BPSK (6Mbps) / 5745MHz

Crest factor: 1.1
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.23 mho/m; ε_r = 44.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.55, 4.55, 4.55); 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 (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.938 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 7.28 V/m; Power Drift = -0.135 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 0.456 mW/g; SAR(10 g) = 0.150 mW/g
Maximum value of SAR (measured) = 0.883 mW/g
Test Date = 08/20/07
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.3 degree.C , After 24.3 degree.C

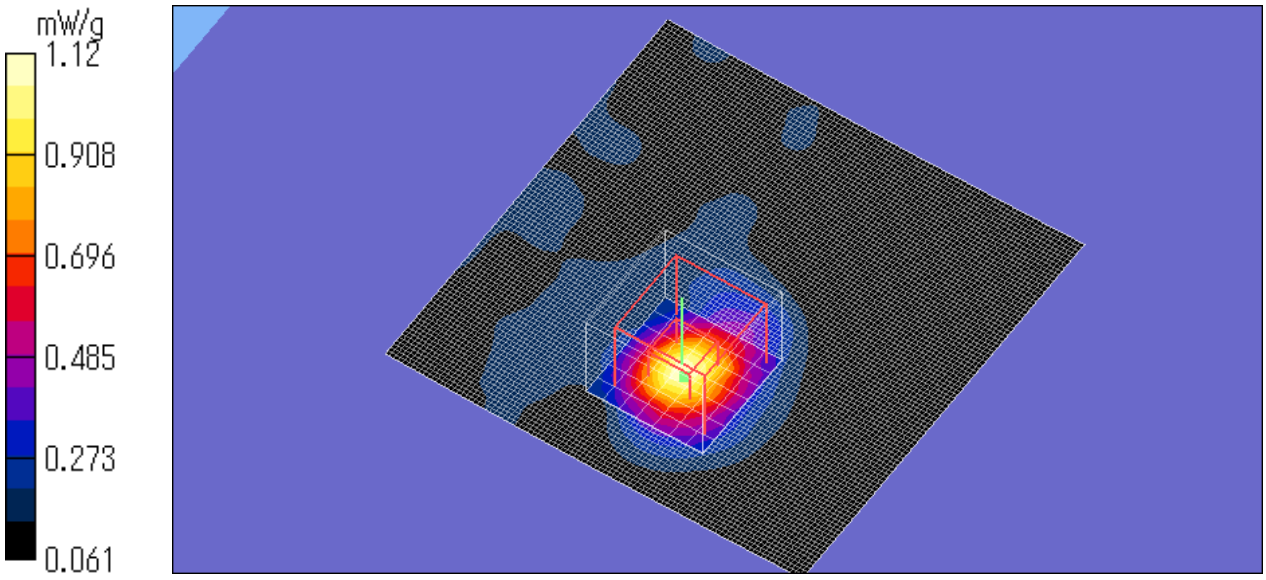


FC-N21S/BY5SS/ Body/ Main antenna/ Top (Notebook type) / 11a BPSK (6Mbps) / 5825MHz

Crest factor: 1.1
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.23 mho/m; ε_r = 44.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.55, 4.55, 4.55); 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 (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.13 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 7.86 V/m; Power Drift = 0.137 dB
Peak SAR (extrapolated) = 2.18 W/kg
SAR(1 g) = 0.639 mW/g; SAR(10 g) = 0.307 mW/g
Maximum value of SAR (measured) = 1.12 mW/g
Test Date = 08/20/07
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.3 degree.C , After 24.3 degree.C

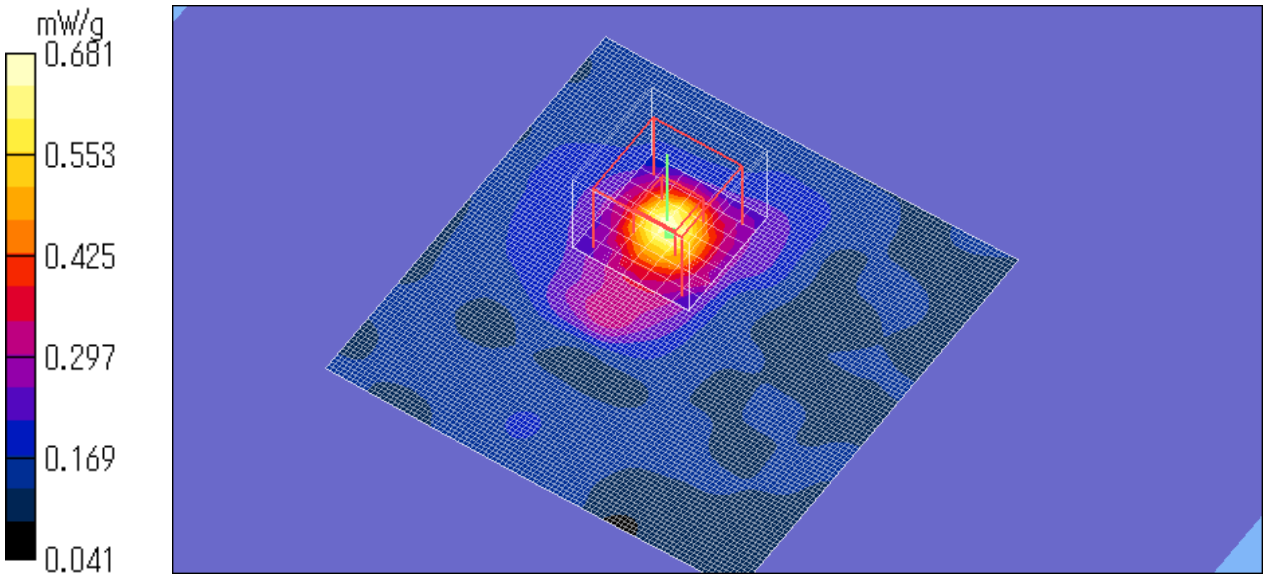


FC-N21S/BY5SS/ Body/ Aux antenna/ Top (Notebook type) / 11a BPSK (6Mbps) / 5785MHz

Crest factor: 1.1
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.23 mho/m; ε_r = 44.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.55, 4.55, 4.55); 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 (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.642 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.42 V/m; Power Drift = -0.114 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.230 mW/g
Maximum value of SAR (measured) = 0.681 mW/g
Test Date = 08/20/07
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.4 degree.C , After 24.4 degree.C



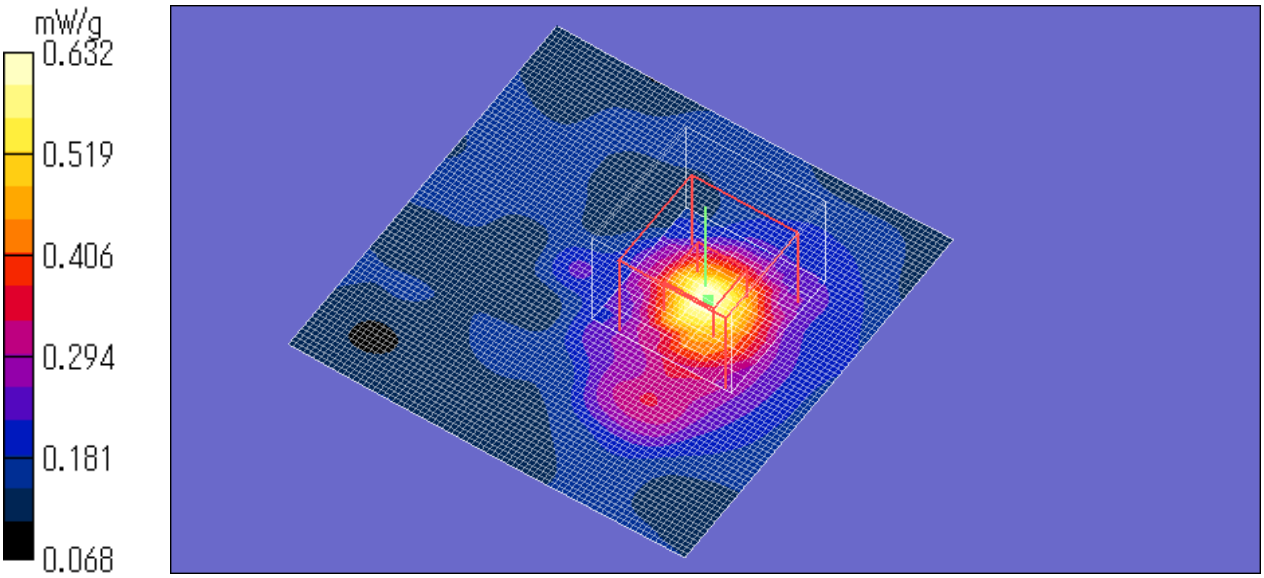
FC-N21S/BY5SS/ Body/ Aux antenna/ Top (Notebook type) / 11a QPSK (12Mbps) / 5785MHz

Crest factor: 1.2
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.23 mho/m; ε_r = 44.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.55, 4.55, 4.55); 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=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.630 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.67 V/m; Power Drift = -0.118 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.389 mW/g; SAR(10 g) = 0.224 mW/g

Maximum value of SAR (measured) = 0.632 mW/g
Test Date = 08/20/07
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.4 degree.C , After 24.4 degree.C

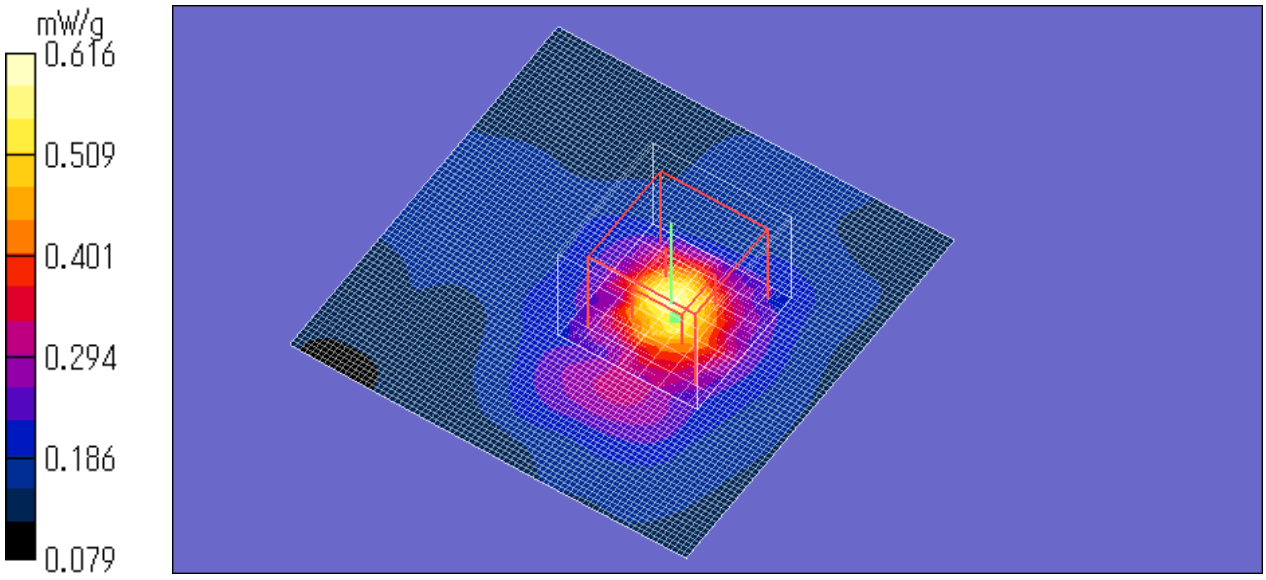


FC-N21S/BY5SS/ Body/ Aux antenna/ Top (Notebook type) / 11a 16QAM (24Mbps) / 5785MHz

Crest factor: 1.4
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.23 mho/m; ε_r = 44.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.55, 4.55, 4.55); 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=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.573 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 8.02 V/m; Power Drift = -0.184 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.223 mW/g
Maximum value of SAR (measured) = 0.616 mW/g
Test Date = 08/20/07
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.4 degree.C , After 24.4 degree.C

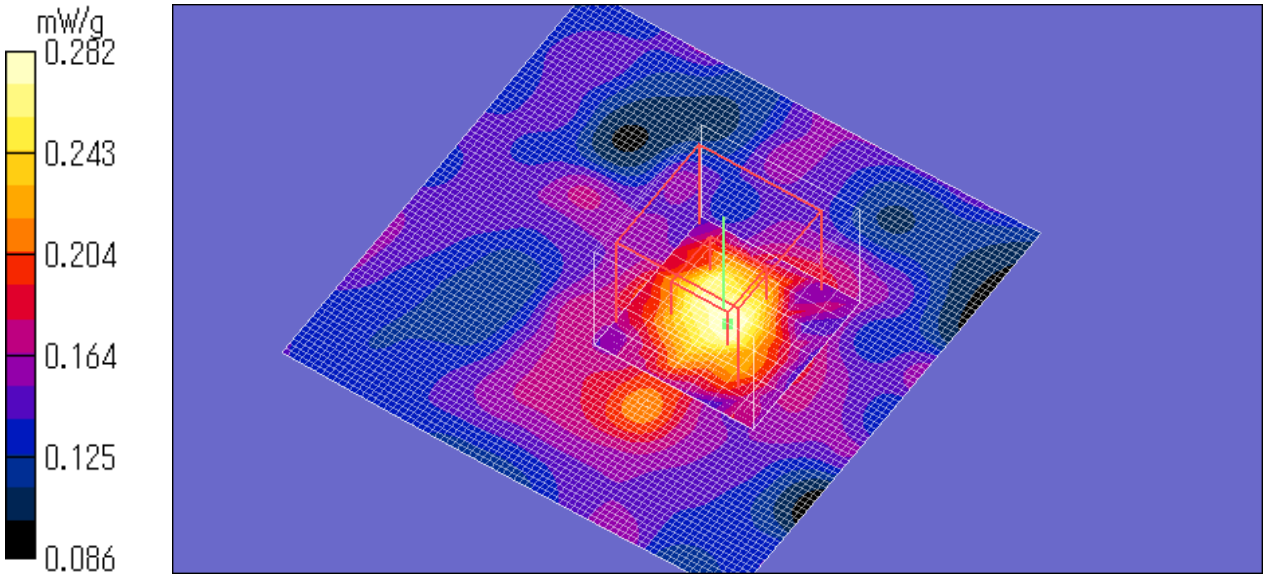


FC-N21S/BY5SS/ Body/ Aux antenna/ Top (Notebook type) / 11a 64QAM (48Mbps) / 5785MHz

Crest factor: 1.7
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.23 mho/m; ε_r = 44.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.55, 4.55, 4.55); 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=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.310 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.11 V/m; Power Drift = -0.173 dB
Peak SAR (extrapolated) = 0.863 W/kg
SAR(1 g) = 0.217 mW/g; SAR(10 g) = 0.169 mW/g
Maximum value of SAR (measured) = 0.282 mW/g
Test Date = 08/20/07
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.4 degree.C , After 24.4 degree.C

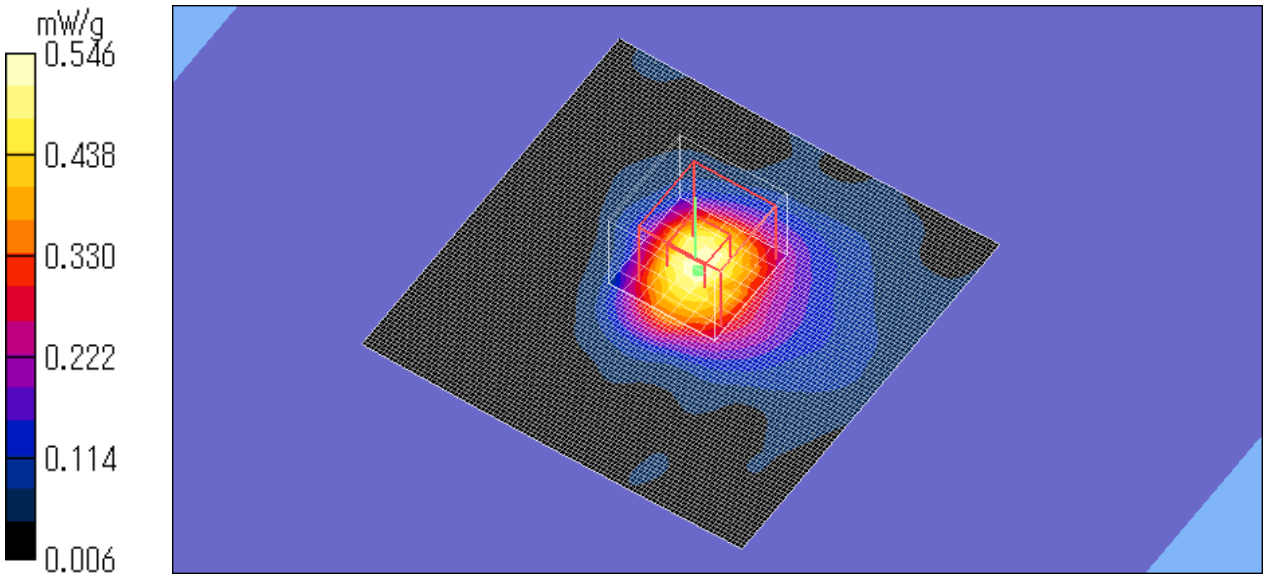


FC-N21S/BY5SS/ Body/ Aux antenna/ Top (Tablet type) / 11a BPSK (6Mbps) / 5785MHz

Crest factor: 1.1
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.23 mho/m; ε_r = 44.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.55, 4.55, 4.55); 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 (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.559 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 8.60 V/m; Power Drift = 0.066 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.251 mW/g; SAR(10 g) = 0.108 mW/g
Maximum value of SAR (measured) = 0.546 mW/g
Test Date = 08/20/07
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.4 degree.C , After 24.4 degree.C

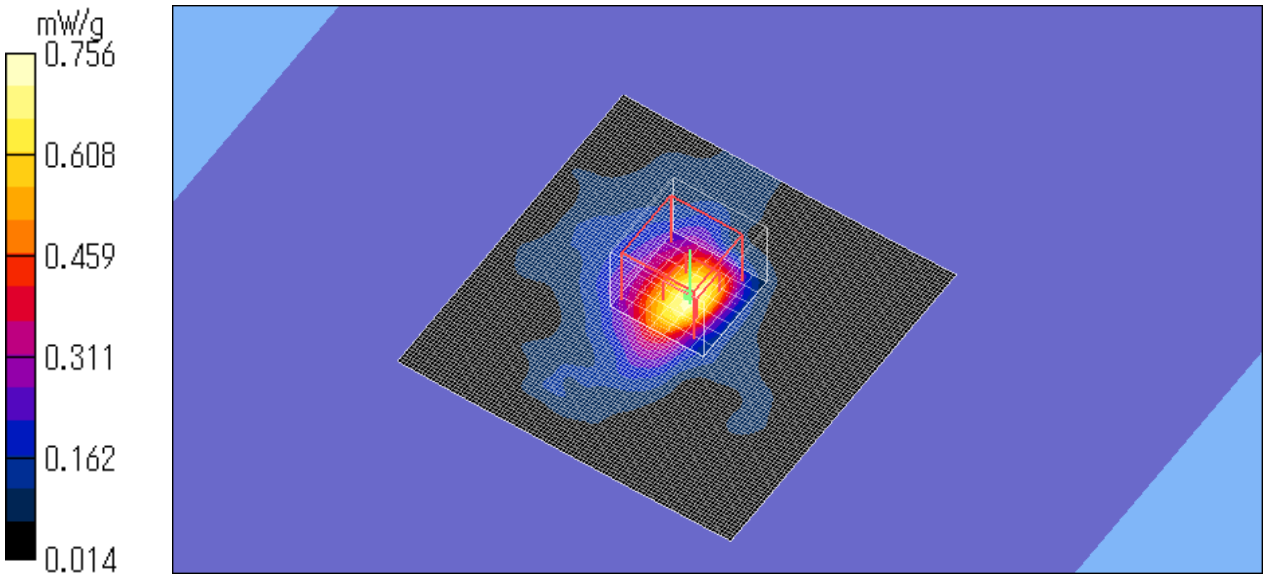


FC-N21S/BY5SS/ Body/ Aux antenna/ Back of display (Notebook type) / 11a BPSK (6Mbps) / 5785MHz

Crest factor: 1.1
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.23 mho/m; ε_r = 44.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.55, 4.55, 4.55); 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 (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.821 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 10.4 V/m; Power Drift = -0.167 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.395 mW/g; SAR(10 g) = 0.148 mW/g
Maximum value of SAR (measured) = 0.756 mW/g
Test Date = 08/20/07
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.4 degree.C , After 24.4 degree.C

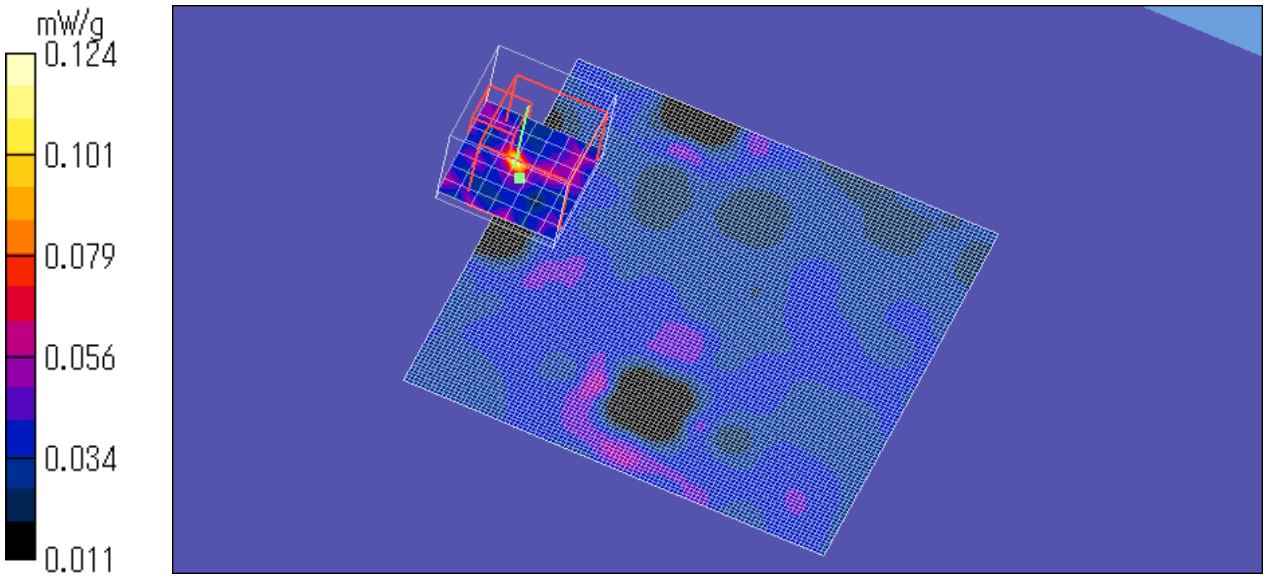


FC-N21S/BY5SS/ Body/ Aux antenna/ Bottom (Notebook type) / 11a BPSK (6Mbps) / 5785MHz

Crest factor: 1.1
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.23 mho/m; ε_r = 44.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.55, 4.55, 4.55); 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 (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.059 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.67 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.235 W/kg
SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.015 mW/g
Maximum value of SAR (measured) = 0.124 mW/g
Test Date = 08/20/07
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.4 degree.C , After 24.4 degree.C



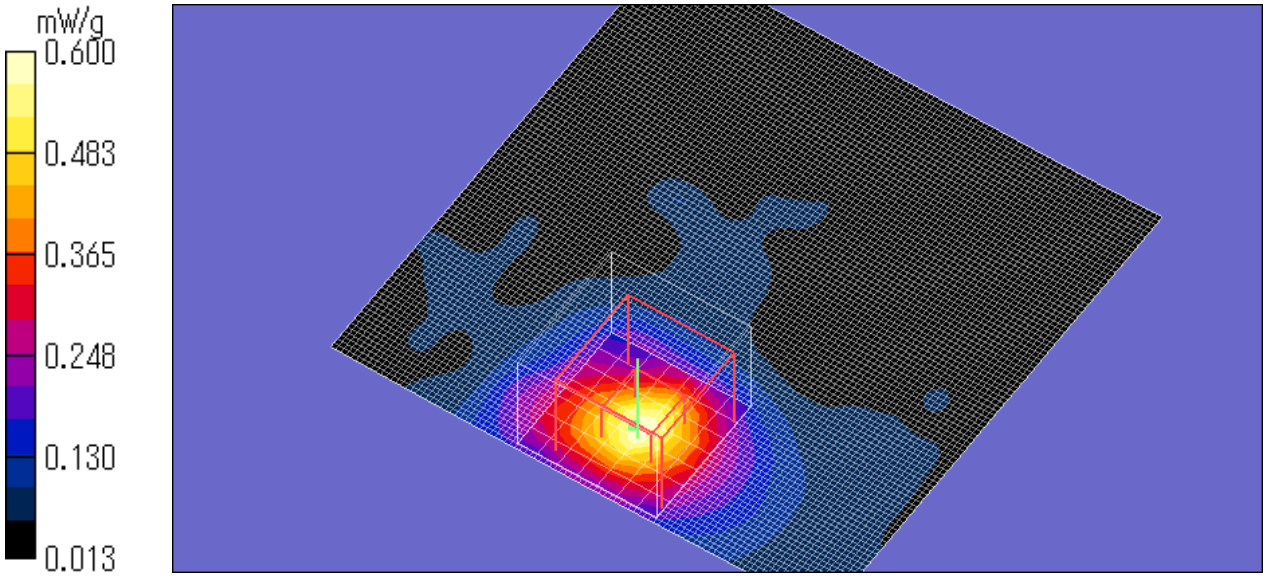
FC-N21S/BY5SS/ Body/ Aux antenna/ Front of display (Tablet type) / 11a BPSK (6Mbps) / 5785MHz

Crest factor: 1.1
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.23 mho/m; ε_r = 44.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.55, 4.55, 4.55); 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 (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.573 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.31 V/m; Power Drift = -0.146 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.311 mW/g; SAR(10 g) = 0.116 mW/g

Maximum value of SAR (measured) = 0.600 mW/g
Test Date = 08/20/07
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.4 degree.C , After 24.4 degree.C

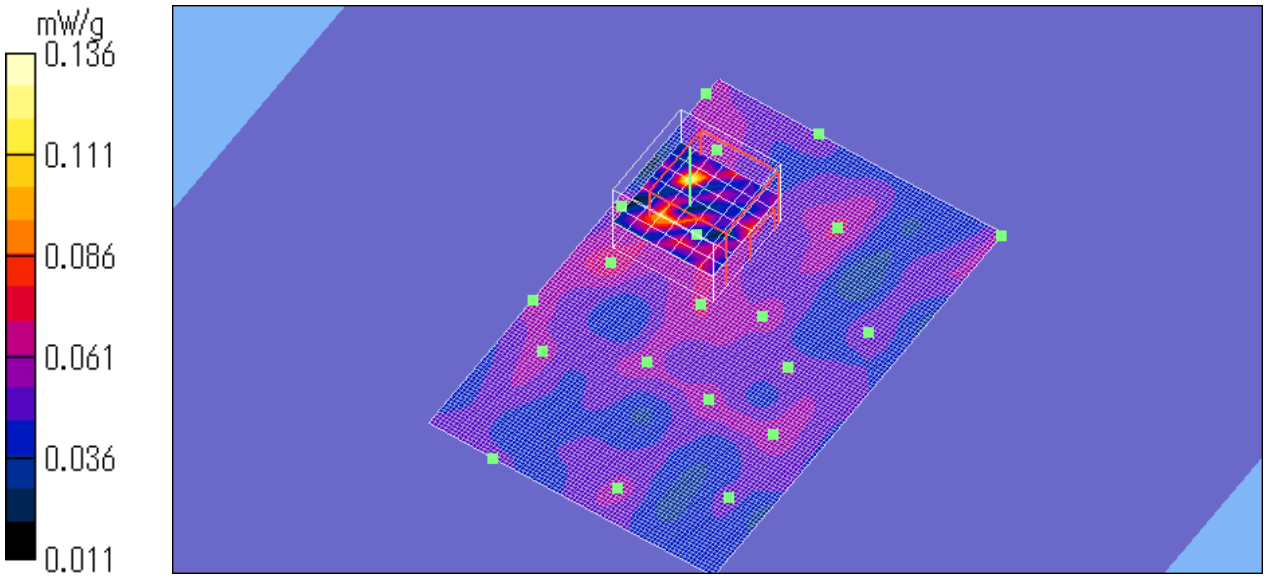


FC-N21S/BY5SS/ Body/ Aux antenna/ Left side (Tablet type) / 11a BPSK (6Mbps) / 5785MHz

Crest factor: 1.1
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.23 mho/m; ε_r = 44.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.55, 4.55, 4.55); 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 (81x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.066 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.08 V/m; Power Drift = -0.151 dB
Peak SAR (extrapolated) = 0.277 W/kg
SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.014 mW/g
Maximum value of SAR (measured) = 0.136 mW/g
Test Date = 08/20/07
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.3 degree.C , After 24.3 degree.C

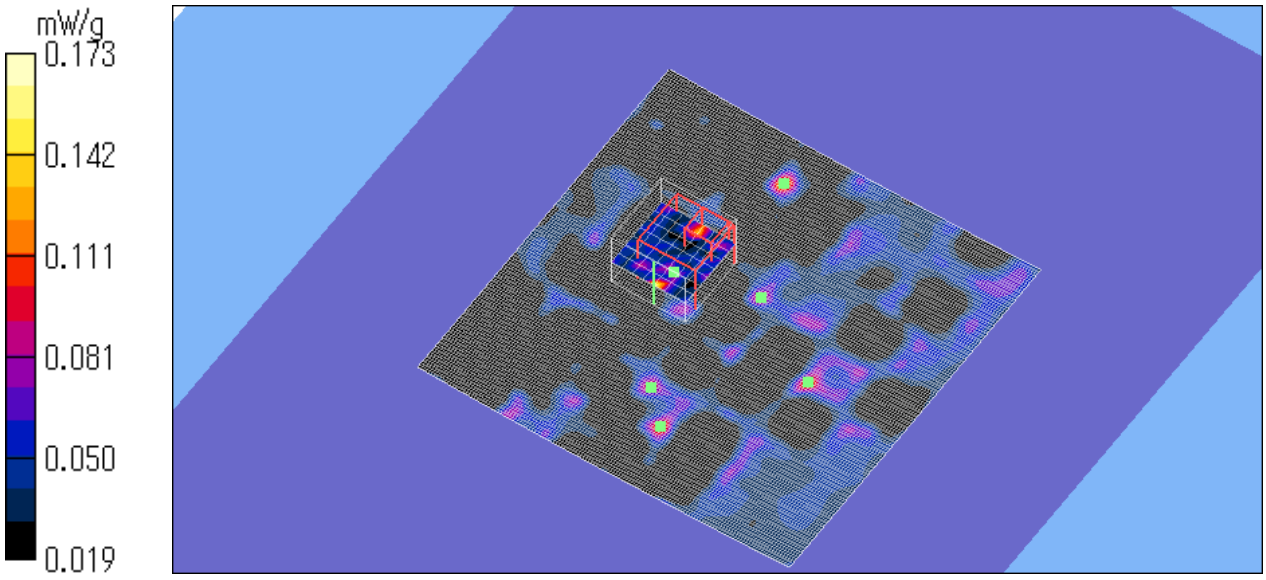


FC-N21S/BY5SS/ Body/ Aux antenna/ Bottom (Tablet type) / 11a BPSK (6Mbps) / 5785MHz

Crest factor: 1.1
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.23 mho/m; ε_r = 44.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.55, 4.55, 4.55); 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 (141x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.146 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.72 V/m; Power Drift = -0.184 dB
Peak SAR (extrapolated) = 0.248 W/kg
SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.016 mW/g
Maximum value of SAR (measured) = 0.173 mW/g
Test Date = 08/20/07
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.3 degree.C , After 24.3 degree.C

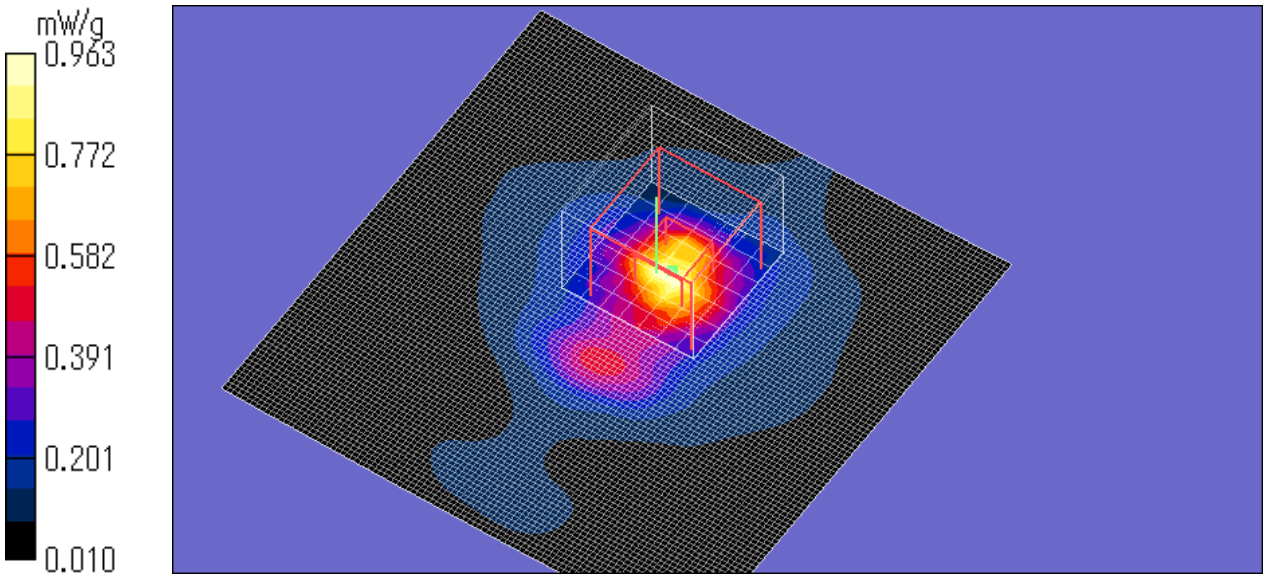


FC-N21S/BY5SS/ Body/ Aux antenna/ Top (Notebook type) / 11a BPSK (6Mbps) / 5745MHz

Crest factor: 1.1
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.23 mho/m; ε_r = 44.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.55, 4.55, 4.55); 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 (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.948 mW/g

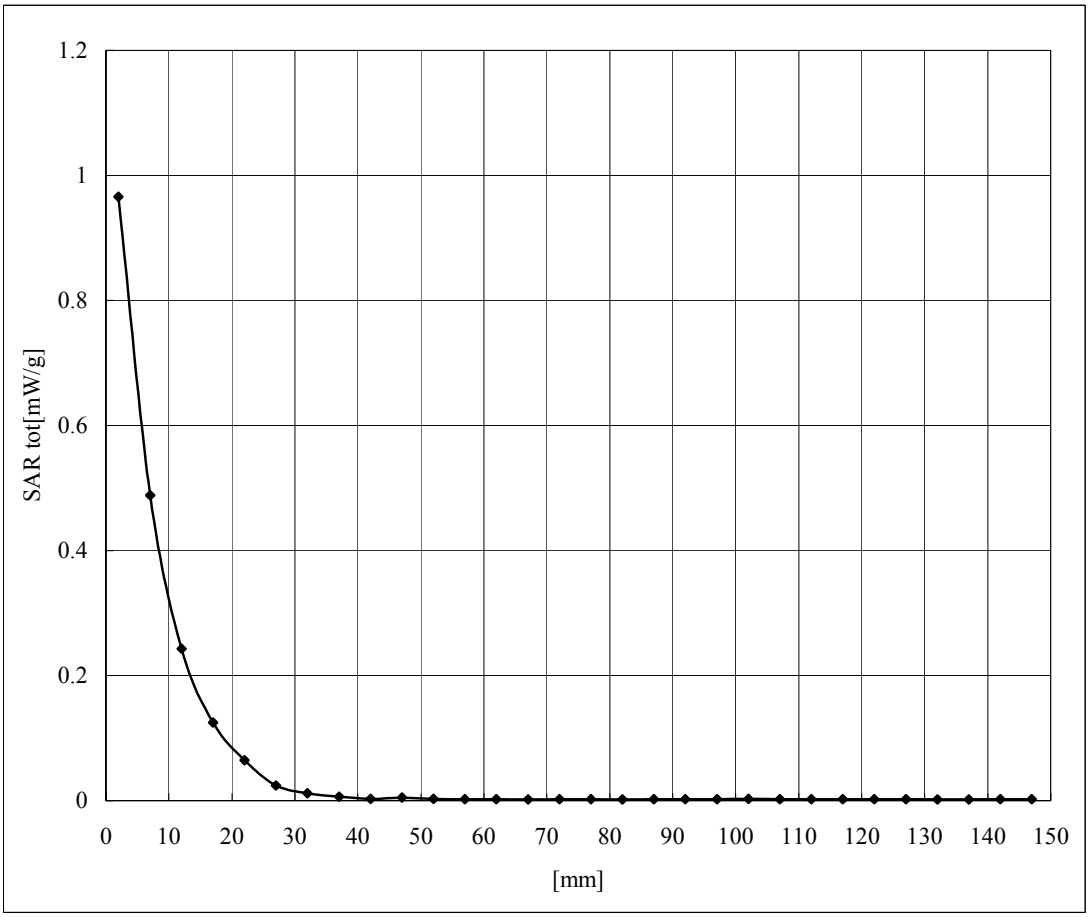
Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 7.76 V/m; Power Drift = -0.197 dB
Peak SAR (extrapolated) = 1.69 W/kg
SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.155 mW/g
Maximum value of SAR (measured) = 0.963 mW/g
Test Date = 08/20/07
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.4 degree.C , After 24.4 degree.C



Z-axis scan at max SAR location

FC-N21S/BY5SS/ Body/ Aux antenna/ Top (Notebook type) / 11a BPSK (6Mbps) / 5745MHz

Crest factor: 1.1
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.23 mho/m; ε_r = 44.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.55, 4.55, 4.55); 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



FC-N21S/BY5SS/ Body/ Aux antenna/ Top (Notebook type) / 11a BPSK (6Mbps) / 5825MHz

Crest factor: 1.1
Medium: M5800 Medium parameters used: f = 5800 MHz; σ = 6.23 mho/m; ε_r = 44.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3507; ConvF(4.55, 4.55, 4.55); 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 (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.657 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 8.05 V/m; Power Drift = -0.161 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.120 mW/g
Maximum value of SAR (measured) = 0.659 mW/g
Test Date = 08/20/07
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.3 degree.C , After 24.3 degree.C