850 Body Towards Ground High with GPRS- - Slide up

Date/Time: 2010-7-22 11:13:11

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.94 mho/m; εr = 54.5; ρ = 1000 kg/m^3

Ambient Temperature:23.0^{o}C   Liquid Temperature: 22.5^{o}C

Communication System: GSM 850 GPRS Frequency: 848.8 MHz Duty Cycle: 1:2.67

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground High/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

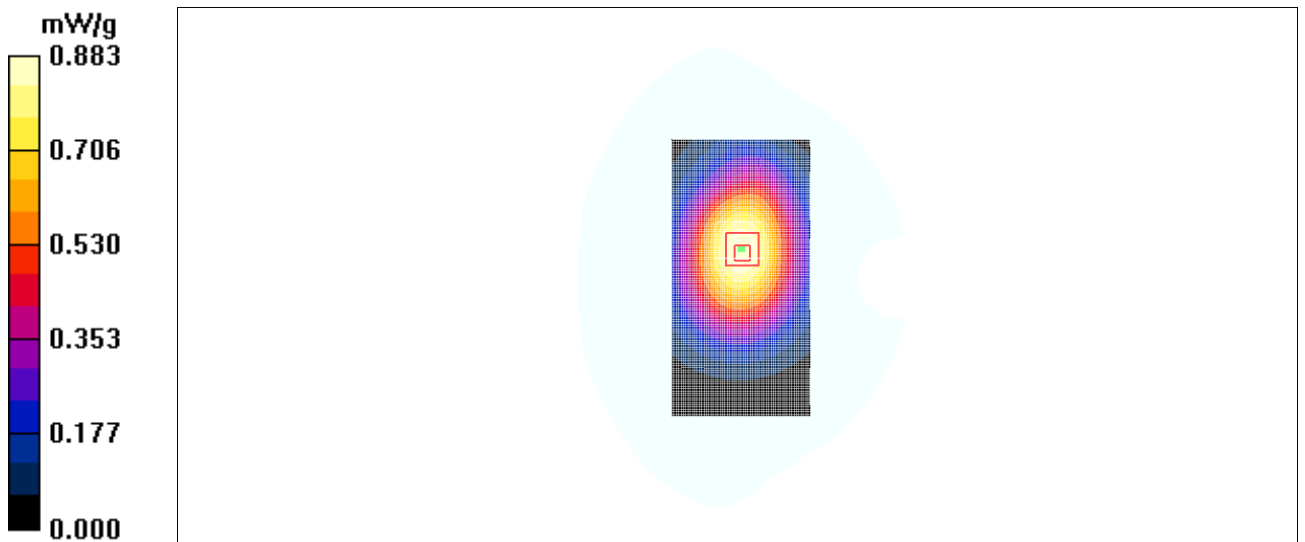Maximum value of SAR (interpolated) = 0.883 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.8 V/m; Power Drift = -0.156 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.815 mW/g; SAR(10 g) = 0.596 mW/g

Maximum value of SAR (measured) = 0.860 mW/g

Fig. 106　850 MHz CH251

850 Body Towards Ground Middle with GPRS- - Slide up

Date/Time: 2010-7-22 11:30:32

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.95 mho/m; εr = 54.8; ρ = 1000 kg/m³

Ambient Temperature:23.0°C   Liquid Temperature: 22.5°C

Communication System: GSM 850 GPRS Frequency: 836.6 MHz Duty Cycle: 1:2.67

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground Middle/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
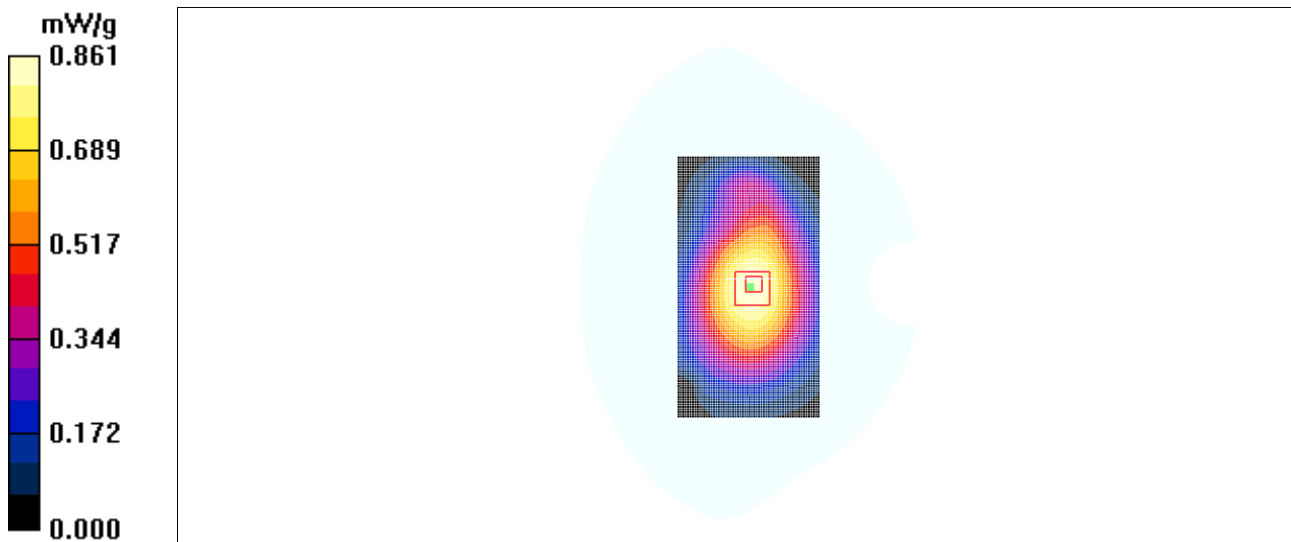
Maximum value of SAR (interpolated) = 0.861 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.9 V/m; Power Drift = 0.005 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.802 mW/g; SAR(10 g) = 0.591 mW/g

Maximum value of SAR (measured) = 0.841 mW/g

Fig. 107   850 MHz CH190

850 Body Towards Ground Low with GPRS- Slide up

Date/Time: 2010-7-22 11:47:50

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used: f = 825 MHz; σ = 0.93 mho/m; εr = 55.8; ρ = 1000 kg/m³

Ambient Temperature:23.0°C   Liquid Temperature: 22.5°C

Communication System: GSM 850 GPRS Frequency: 824.2 MHz Duty Cycle: 1:2.67

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground Low/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
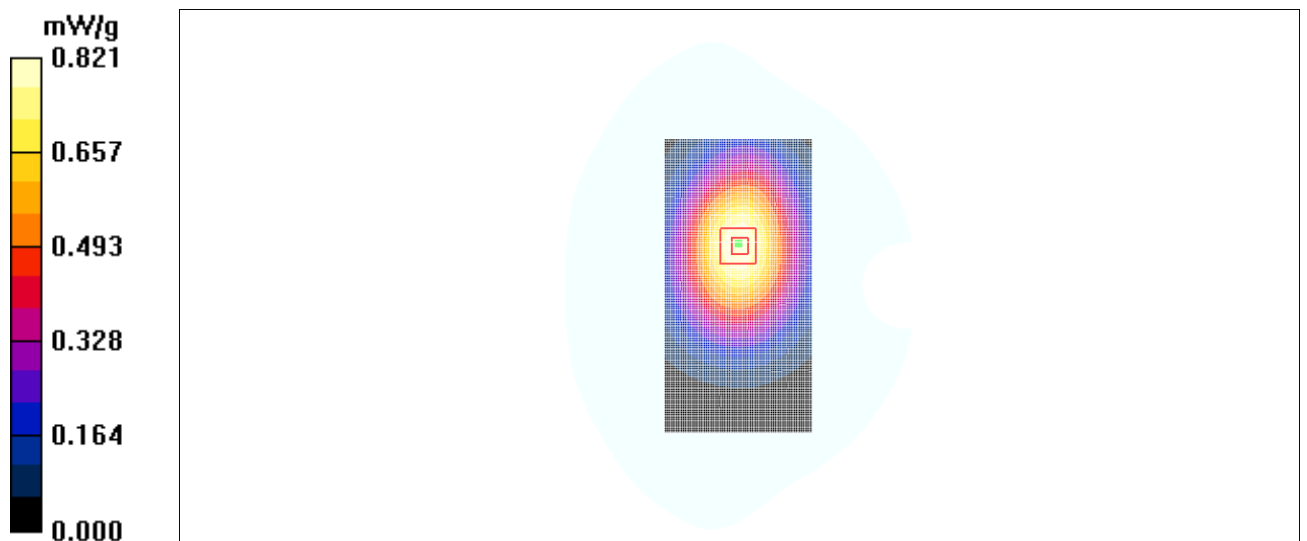
Maximum value of SAR (interpolated) = 0.821 mW/g

Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.4 V/m; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.778 mW/g; SAR(10 g) = 0.574 mW/g

Maximum value of SAR (measured) = 0.817 mW/g

Fig. 108   850 MHz CH128

850 Body Towards Ground High with EGPRS

Date/Time: 2010-7-22 12:04:03

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used: f = 848.8 MHz; σ = 0.94 mho/m; εr = 54.5; ρ = 1000 kg/m^3

Ambient Temperature:23.0^{o}C   Liquid Temperature: 22.5^{o}C

Communication System: GSM 850 GPRS Frequency: 824.2 MHz Duty Cycle: 1:2.67

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground High/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.871 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.1 V/m; Power Drift = -0.097 dB

Peak SAR (extrapolated) = 3.11 W/kg

SAR(1 g) = 0.846 mW/g; SAR(10 g) = 0.603 mW/g

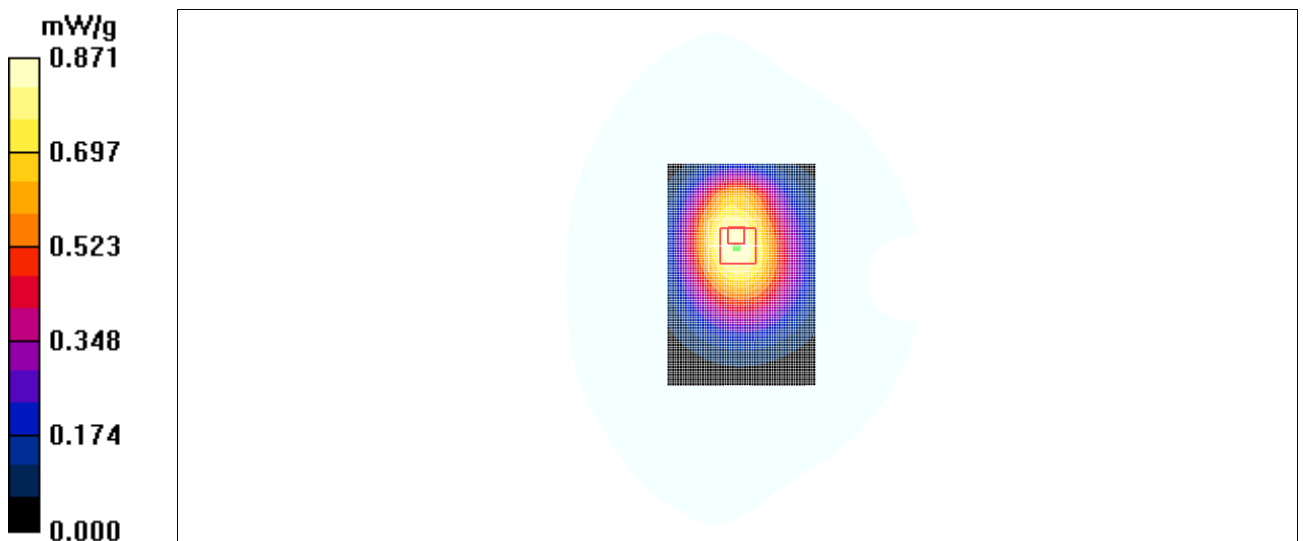Maximum value of SAR (measured) = 0.875 mW/g

Fig. 109   850 MHz CH251

850 Body Towards Ground High with Headset

Date/Time: 2010-7-22 12:21:03

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used: f = 848.8 MHz; σ = 0.94 mho/m; εr = 54.5; ρ = 1000 kg/m^3

Ambient Temperature:23.0^{o}C   Liquid Temperature: 22.5^{o}C

Communication System: GSM 850 GPRS Frequency: 824.2 MHz Duty Cycle: 1:2.67

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground High/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

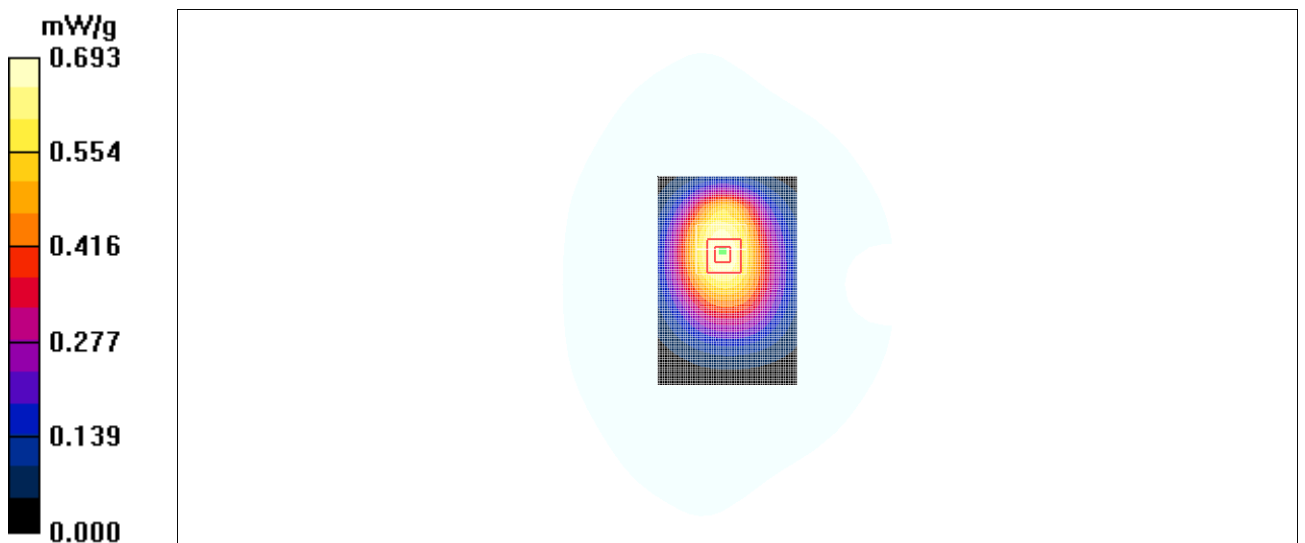Maximum value of SAR (interpolated) = 0.693 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.1 V/m; Power Drift = 0.073 dB

Peak SAR (extrapolated) = 0.871 W/kg

SAR(1 g) = 0.662 mW/g; SAR(10 g) = 0.477 mW/g

Maximum value of SAR (measured) = 0.700 mW/g

Fig. 110   850 MHz CH251

1900 Body Towards Phantom High with GPRS- Slide down

Date/Time: 2010-7-23 9:00:14

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: f = 1910 MHz; σ = 1.55 mho/m; εr = 52.7; ρ = 1000 kg/m^3

Ambient Temperature:23.0^{o}C   Liquid Temperature: 22.5^{o}C

Communication System: GSM 1900MHz GPRS Frequency: 1909.8 MHz Duty Cycle: 1:2.67

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Phantom High/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.287 mW/g

Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.01 V/m; Power Drift = -0.078 dB

Peak SAR (extrapolated) = 0.454 W/kg

SAR(1 g) = 0.279 mW/g; SAR(10 g) = 0.172 mW/g
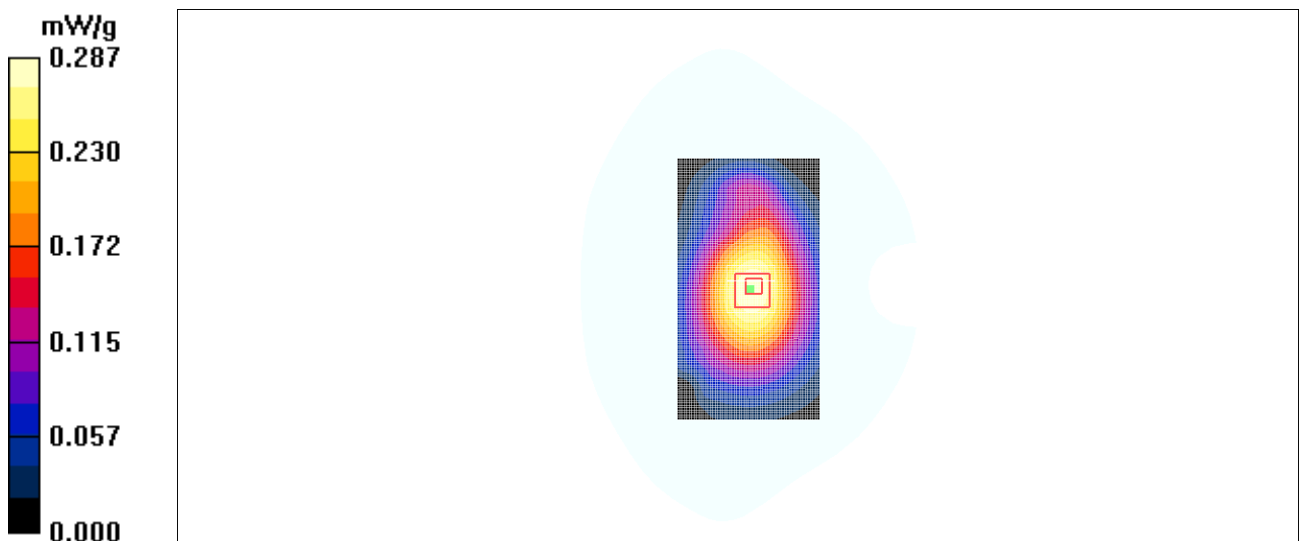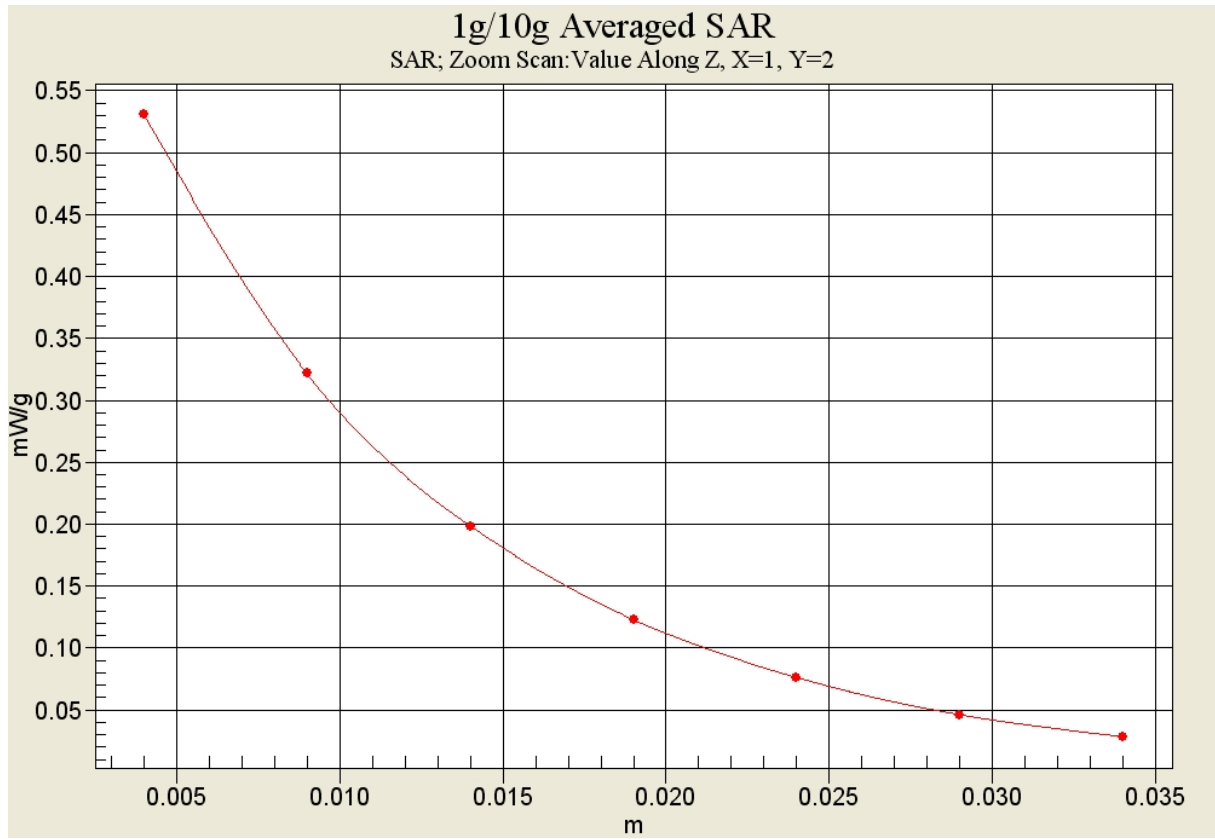
Maximum value of SAR (measured) = 0.297 mW/g

Fig. 111 1900 MHz CH810

Fig. 111-1   Z-Scan at power reference point (1900 MHz CH810)

1900 Body Towards Phantom Middle with GPRS- Slide down

Date/Time: 2010-7-23 9:17:36

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.50 mho/m; εr = 53.2; ρ = 1000 kg/m^3

Ambient Temperature:23.0^{o}C   Liquid Temperature: 22.5^{o}C

Communication System: GSM 1900MHz GPRS Frequency: 1880 MHz Duty Cycle: 1:2.67

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Phantom Middle/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

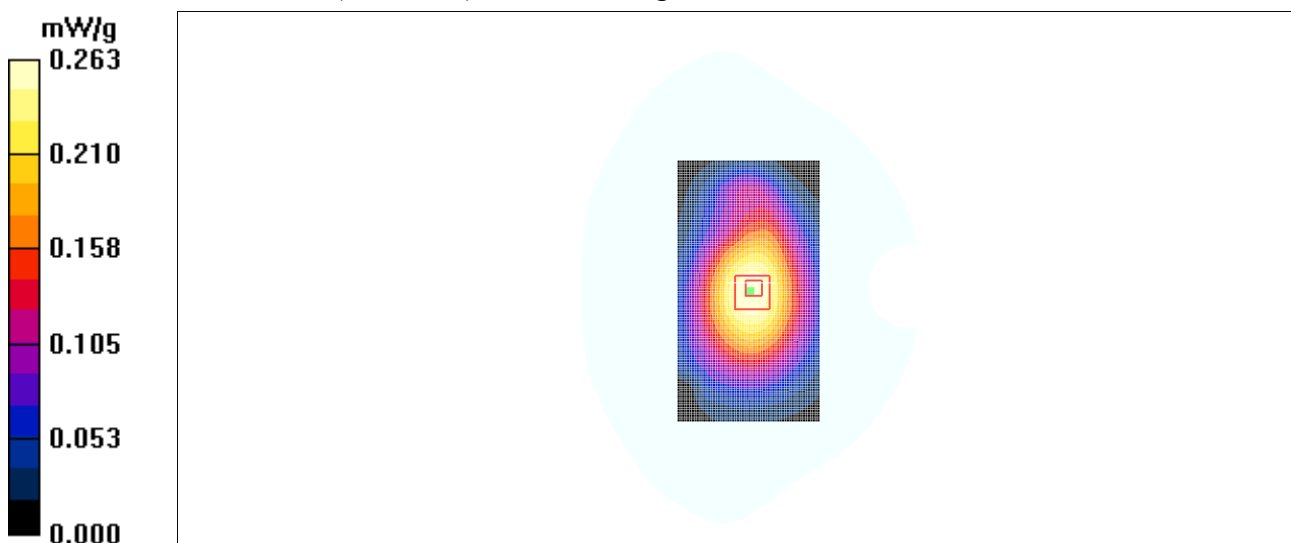Maximum value of SAR (interpolated) = 0.263 mW/g

Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.84 V/m; Power Drift = 0.159 dB

Peak SAR (extrapolated) = 0.457 W/kg

SAR(1 g) = 0.236 mW/g; SAR(10 g) = 0.148 mW/g

Maximum value of SAR (measured) = 0.249 mW/g

Fig. 112 1900 MHz CH661

1900 Body Towards Phantom Low with GPRS- Slide down

Date/Time: 2010-7-23 9:34:50

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.48 mho/m; εr = 53.6; ρ = 1000 kg/m^3

Ambient Temperature:23.0^{o}C   Liquid Temperature: 22.5^{o}C

Communication System: GSM 1900MHz GPRS Frequency: 1850.2 MHz Duty Cycle: 1:2.67

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Phantom Low/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

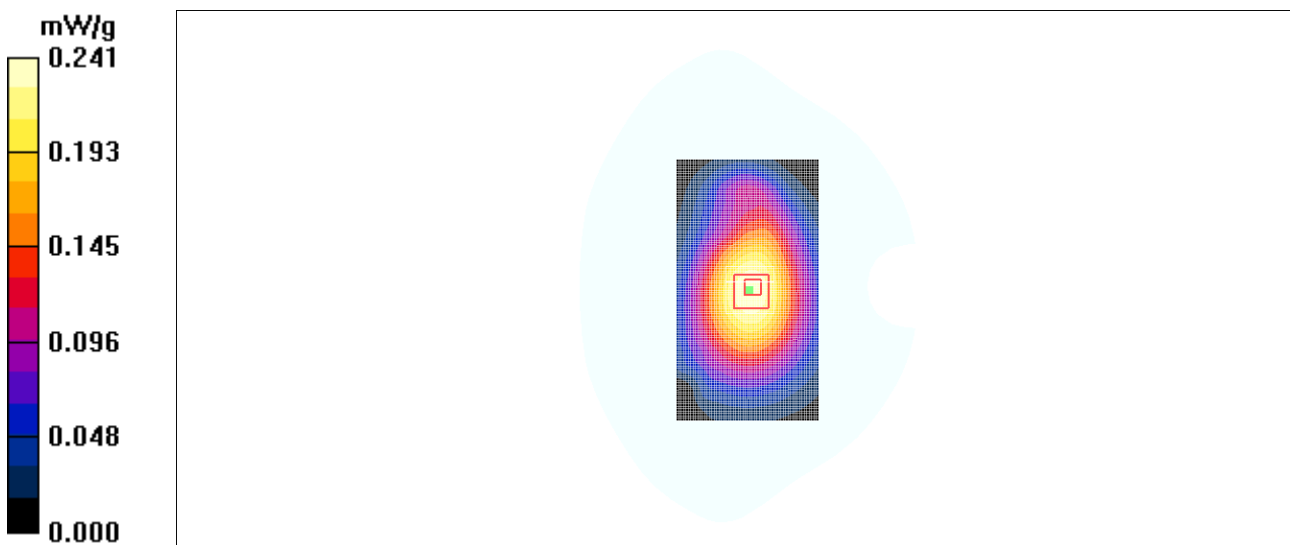Maximum value of SAR (interpolated) = 0.241 mW/g

Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.42 V/m; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 0.352 W/kg

SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.139 mW/g

Maximum value of SAR (measured) = 0.238 mW/g

Fig. 113 1900 MHz CH512

1900 Body Towards Ground High with GPRS- Slide down

Date/Time: 2010-7-23 19:51:07

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: f = 1910 MHz; σ = 1.55 mho/m; εr = 52.7; ρ = 1000 kg/m³

Ambient Temperature:23.0°C   Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1909.8 MHz Duty Cycle: 1:2.67

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Ground High/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

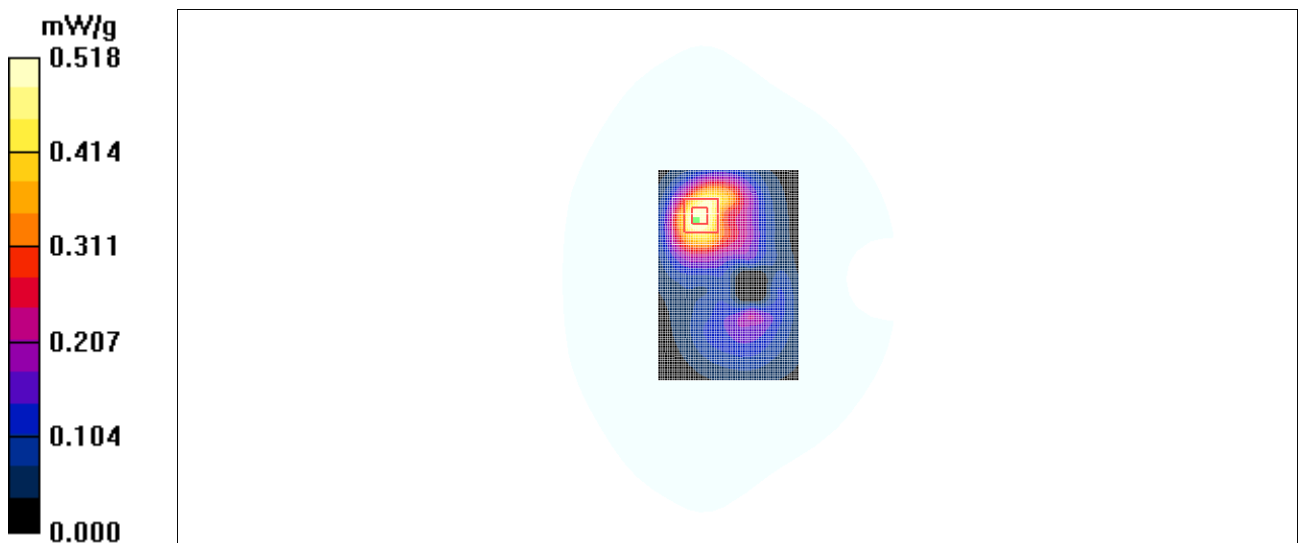Maximum value of SAR (interpolated) = 0.518 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.44 V/m; Power Drift = 0.130 dB

Peak SAR (extrapolated) = 0.943 W/kg

SAR(1 g) = 0.506 mW/g; SAR(10 g) = 0.294 mW/g

Maximum value of SAR (measured) = 0.531 mW/g

Fig. 114 1900 MHz CH810

1900 Body Towards Ground Middle with GPRS- Slide down
Date/Time: 2010-7-23 10:08:20
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.50 mho/m; εr = 53.2; ρ = 1000 kg/m³
Ambient Temperature:23.0°C   Liquid Temperature: 22.5°C
Communication System: GSM 1900MHz GPRS Frequency: 1880 MHz Duty Cycle: 1:2.67
Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Ground Middle/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
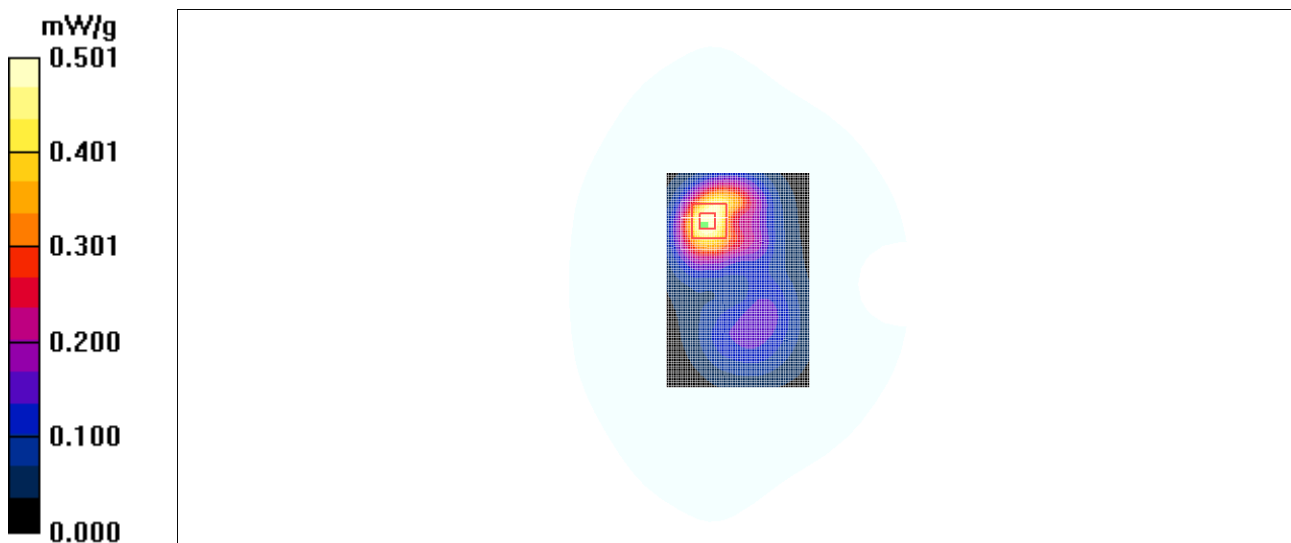Maximum value of SAR (interpolated) = 0.501 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.31 V/m; Power Drift = 0.033 dB
Peak SAR (extrapolated) = 0.787 W/kg
SAR(1 g) = 0.476 mW/g; SAR(10 g) = 0.278 mW/g

Maximum value of SAR (measured) = 0.509 mW/g

Fig. 115 1900 MHz CH661

1900 Body Towards Ground Low with GPRS- Slide down

Date/Time: 2010-7-23 10:25:45

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.48 mho/m; εr = 53.6; ρ = 1000 kg/m^3

Ambient Temperature:23.0^{o}C   Liquid Temperature: 22.5^{o}C

Communication System: GSM 1900MHz GPRS Frequency: 1850.2 MHz Duty Cycle: 1:2.67

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Ground Low/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

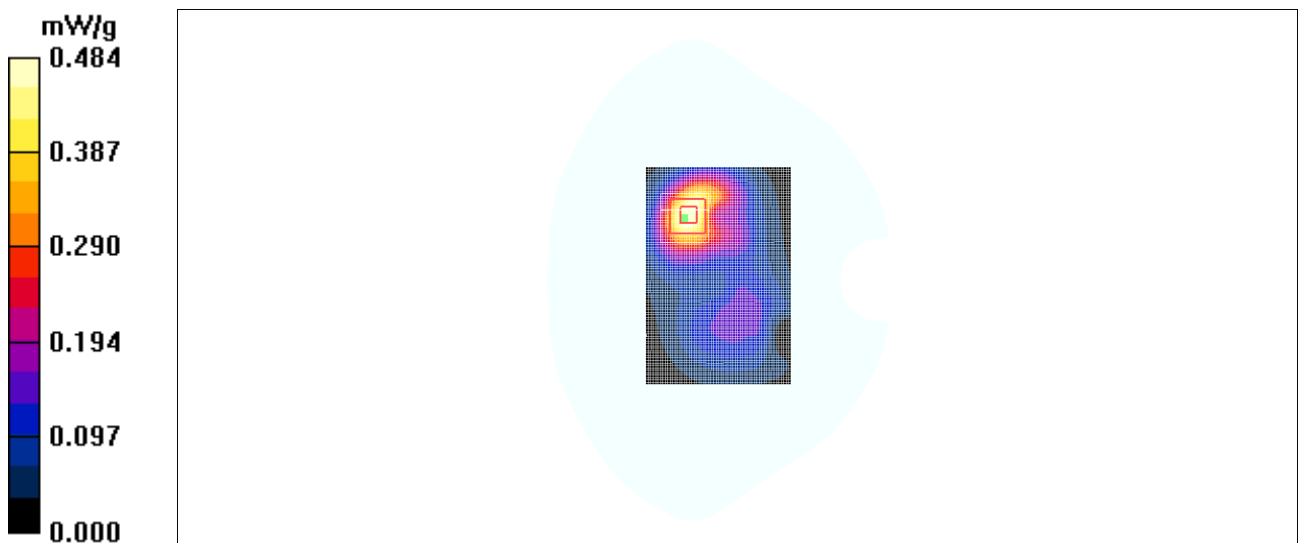Maximum value of SAR (interpolated) = 0.484 mW/g

Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.95 V/m; Power Drift = -0.185 dB

Peak SAR (extrapolated) = 0.800 W/kg

SAR(1 g) = 0.457 mW/g; SAR(10 g) = 0.267 mW/g

Maximum value of SAR (measured) = 0.491 mW/g

Fig. 116 1900 MHz CH512

1900 Body Towards Phantom High with GPRS- Slide up

Date/Time: 2010-7-23 10:32:14

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: f = 1910 MHz; σ = 1.55 mho/m; εr = 52.7; ρ = 1000 kg/m^3

Ambient Temperature:23.0^{o}C   Liquid Temperature: 22.5^{o}C

Communication System: GSM 1900MHz GPRS Frequency: 1909.8 MHz Duty Cycle: 1:2.67

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Phantom High/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

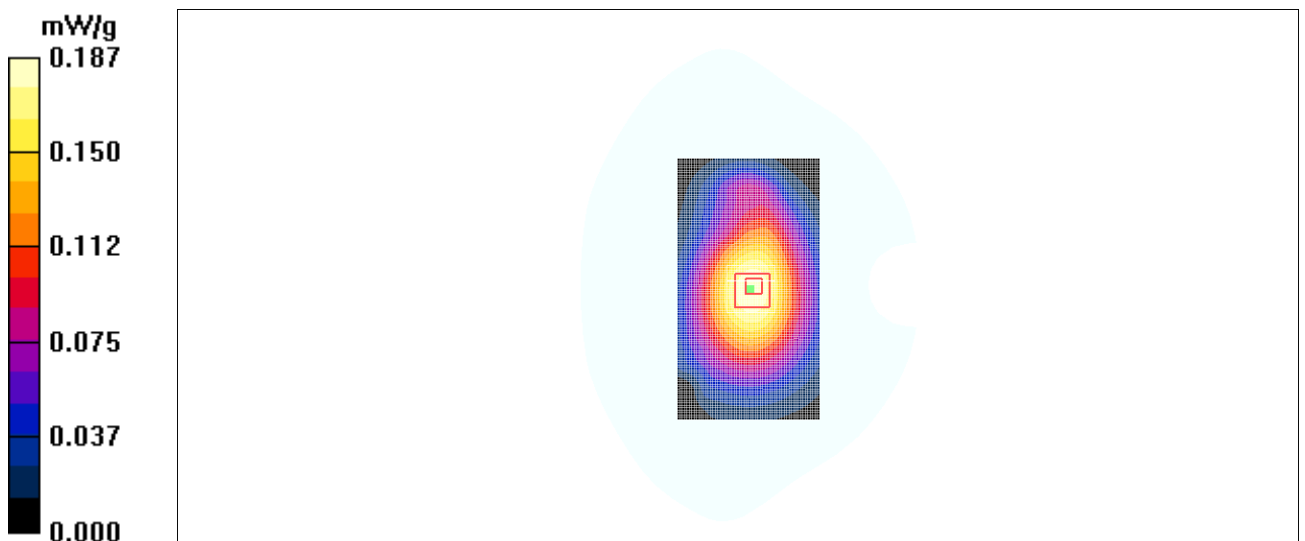Maximum value of SAR (interpolated) = 0.187 mW/g

Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.40 V/m; Power Drift = 0.154 dB

Peak SAR (extrapolated) = 0.268 W/kg

SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.112 mW/g

Maximum value of SAR (measured) = 0.182 mW/g

Fig. 117 1900 MHz CH810

1900 Body Towards Phantom Middle with GPRS- Slide up

Date/Time: 2010-7-23 10:49:36

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.50 mho/m; εr = 53.2; ρ = 1000 kg/m^3

Ambient Temperature:23.0^{o}C   Liquid Temperature: 22.5^{o}C

Communication System: GSM 1900MHz GPRS Frequency: 1880 MHz Duty Cycle: 1:2.67

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Phantom Middle/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

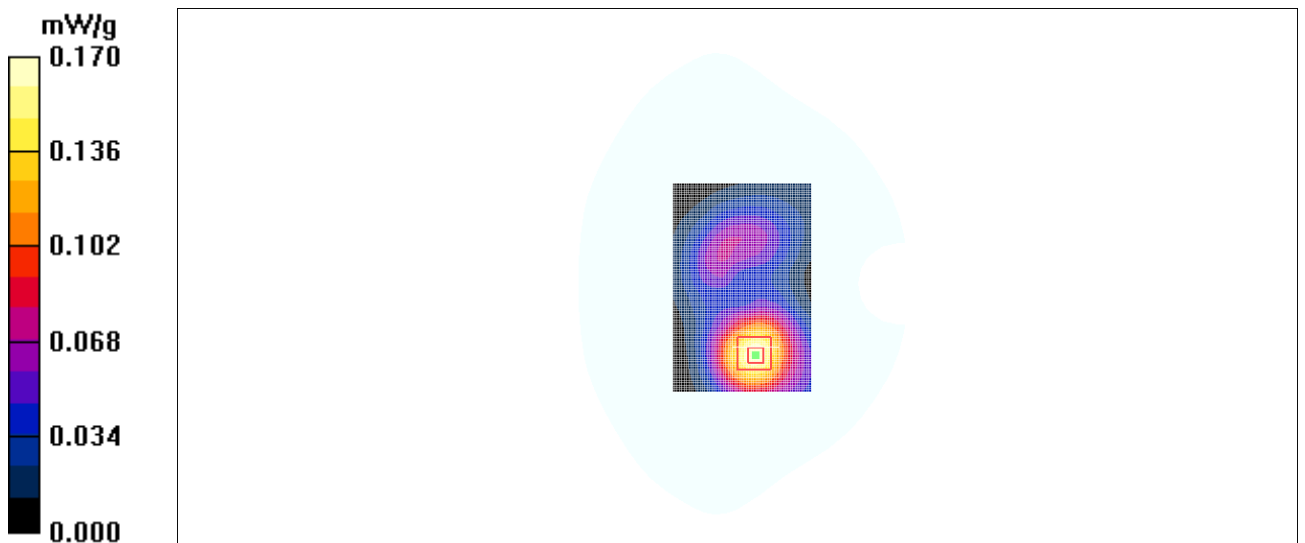Maximum value of SAR (interpolated) = 0.170 mW/g

Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.01 V/m; Power Drift = 0.088 dB

Peak SAR (extrapolated) = 0.233 W/kg

SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.100 mW/g

Maximum value of SAR (measured) = 0.159 mW/g

Fig. 118 1900 MHz CH661

1900 Body Towards Phantom Low with GPRS- Slide up

Date/Time: 2010-7-23 11:06:50

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.48 mho/m; εr = 53.6; ρ = 1000 kg/m^3

Ambient Temperature:23.0^{o}C   Liquid Temperature: 22.5^{o}C

Communication System: GSM 1900MHz GPRS Frequency: 1850.2 MHz Duty Cycle: 1:2.67

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Phantom Low/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
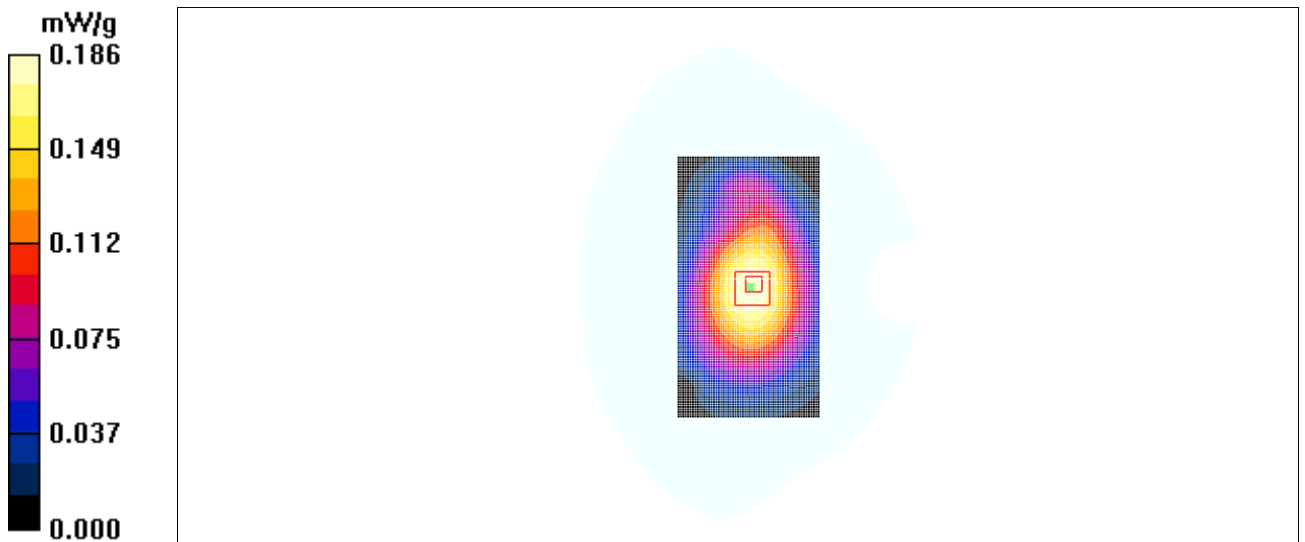
Maximum value of SAR (interpolated) = 0.185 mW/g

Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.27 V/m; Power Drift = -0.123 dB

Peak SAR (extrapolated) = 0.469 W/kg

SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.103 mW/g

Maximum value of SAR (measured) = 0.186 mW/g

Fig. 119 1900 MHz CH512

1900 Body Towards Ground High with GPRS- Slide up
Date/Time: 2010-7-23 11:23:07
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1910 MHz; σ = 1.55 mho/m; εr = 52.7; ρ = 1000 kg/m^3
Ambient Temperature:23.0^{o}C   Liquid Temperature: 22.5^{o}C
Communication System: GSM 1900MHz GPRS Frequency: 1909.8 MHz Duty Cycle: 1:2.67
Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Ground High/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
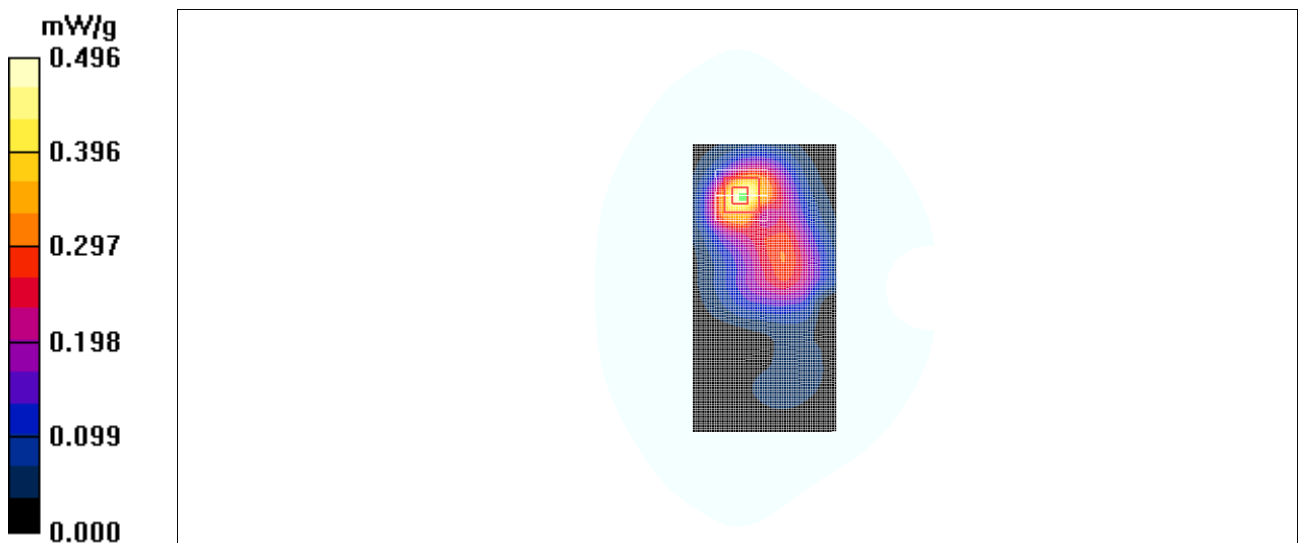Maximum value of SAR (interpolated) = 0.496 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.6 V/m; Power Drift = -0.158 dB
Peak SAR (extrapolated) = 0.742 W/kg
SAR(1 g) = 0.436 mW/g; SAR(10 g) = 0.250 mW/g

Maximum value of SAR (measured) = 0.480 mW/g

Fig. 120 1900 MHz CH810

1900 Body Towards Ground Middle with GPRS- Slide up

Date/Time: 2010-7-23 11:40:20

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.50 mho/m; εr = 53.2; ρ = 1000 kg/m^3

Ambient Temperature:23.0^{o}C   Liquid Temperature: 22.5^{o}C

Communication System: GSM 1900MHz GPRS Frequency: 1880 MHz Duty Cycle: 1:2.67

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Ground Middle/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.432 mW/g

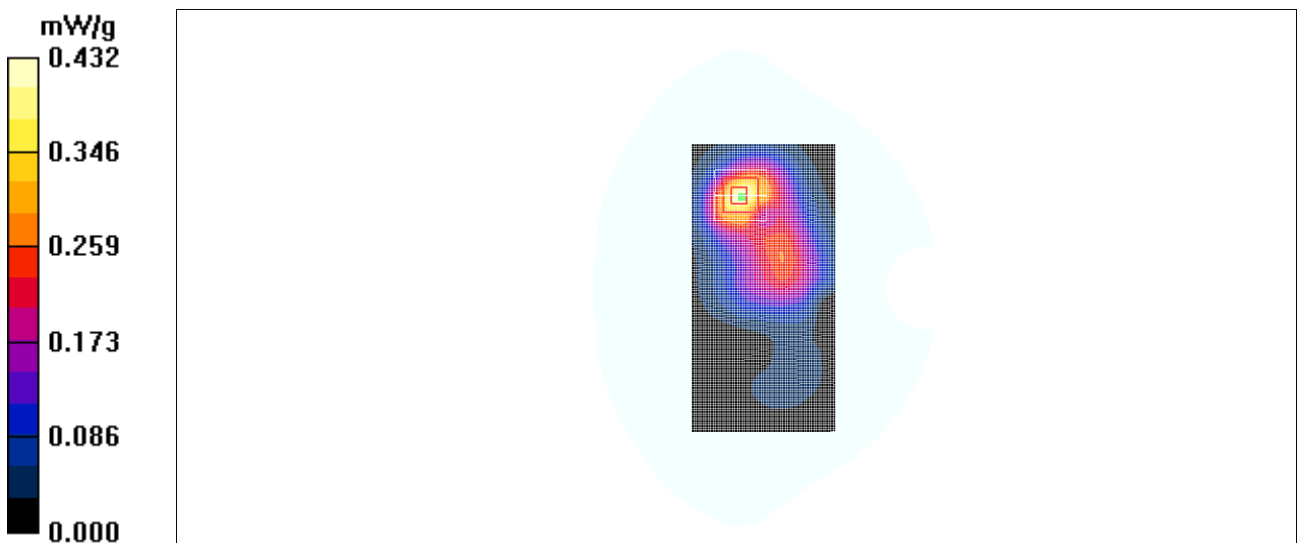**Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.1 V/m; Power Drift = 0.003 dB

Peak SAR (extrapolated) = 0.634 W/kg

SAR(1 g) = 0.380 mW/g; SAR(10 g) = 0.218 mW/g

Maximum value of SAR (measured) = 0.423 mW/g

Fig. 121 1900 MHz CH661

1900 Body Towards Ground Low with GPRS- Slide up

Date/Time: 2010-7-23 11:57:45

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.48 mho/m; εr = 53.6; ρ = 1000 kg/m^3

Ambient Temperature:23.0^{o}C   Liquid Temperature: 22.5^{o}C

Communication System: GSM 1900MHz GPRS Frequency: 1850.2 MHz Duty Cycle: 1:2.67

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Ground Low/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

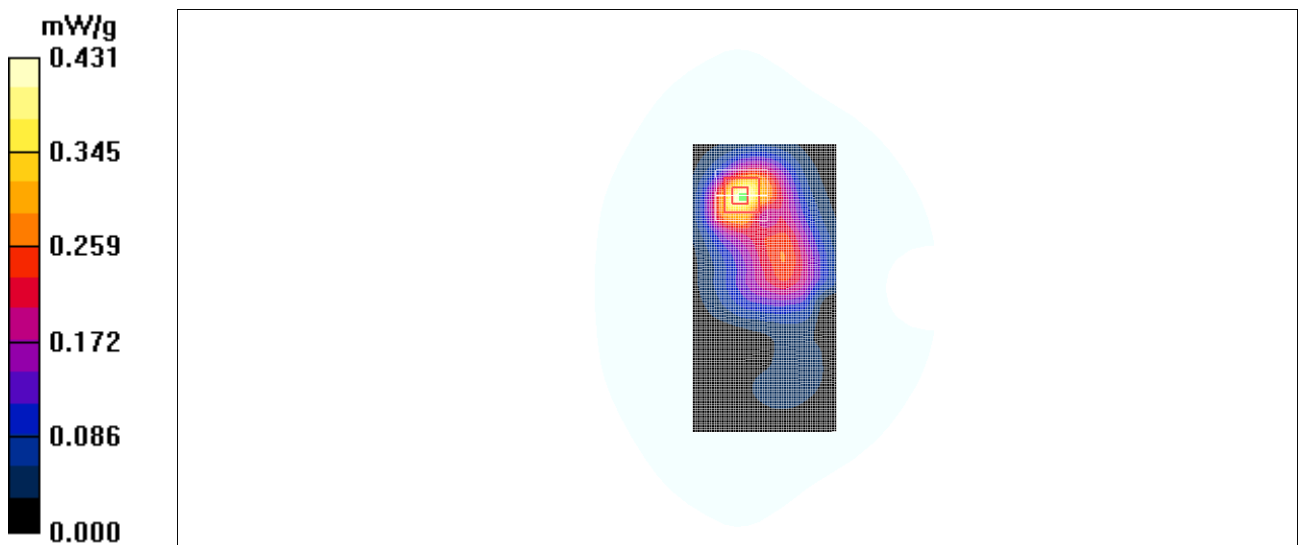Maximum value of SAR (interpolated) = 0.431 mW/g

Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.5 V/m; Power Drift = -0.177 dB

Peak SAR (extrapolated) = 0.642 W/kg

SAR(1 g) = 0.381 mW/g; SAR(10 g) = 0.221 mW/g

Maximum value of SAR (measured) = 0.424 mW/g

Fig. 122 1900 MHz CH512

1900 Body Towards Ground High with EGPRS

Date/Time: 2010-7-23 12:15:43

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: f = 1910 MHz; σ = 1.55 mho/m; εr = 52.7; ρ = 1000 kg/m^3

Ambient Temperature:23.0^{o}C   Liquid Temperature: 22.5^{o}C

Communication System: GSM 1900MHz GPRS Frequency: 1909.8 MHz Duty Cycle: 1:2.67

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Ground High/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.523 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.35 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.844 W/kg

SAR(1 g) = 0.499 mW/g; SAR(10 g) = 0.294 mW/g

Maximum value of SAR (measured) = 0.530 mW/g

Fig. 123 1900 MHz CH810

1900 Body Towards Ground High with Headset
Date/Time: 2010-7-23 12:23:12
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1910 MHz; σ = 1.55 mho/m; εr = 52.7; ρ = 1000 kg/m³
Ambient Temperature:23.0°C   Liquid Temperature: 22.5°C
Communication System: GSM 1900MHz Frequency: 1909.8 MHz Duty Cycle: 1:8.3
Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Ground High/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
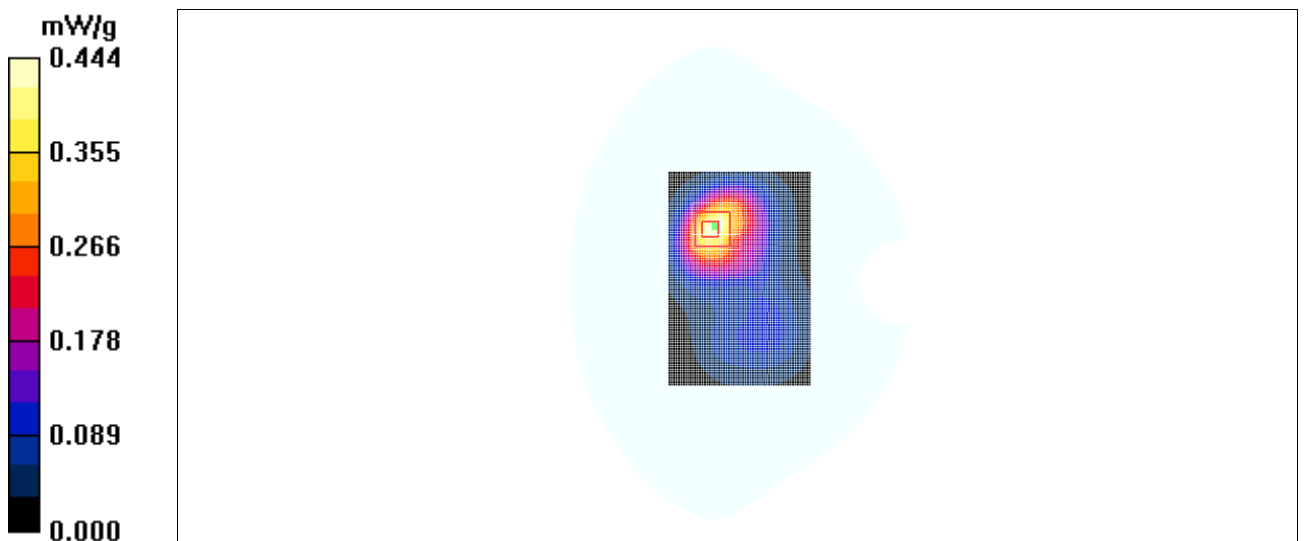Maximum value of SAR (interpolated) = 0.444 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.13 V/m; Power Drift = 0.156 dB
Peak SAR (extrapolated) = 0.653 W/kg
SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.222 mW/g

Maximum value of SAR (measured) = 0.418 mW/g

Fig. 124 1900 MHz CH810

WCDMA850 Body Towards Phantom High - Slide down

Date/Time: 2010-7-22 12:40:55

Electronics: DAE4 Sn771

Medium: 900 Body

Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.94 mho/m; εr = 54.6; ρ = 1000 kg/m³

Ambient Temperature:23.0oC   Liquid Temperature: 22.5ᵒC

Communication System: WCDMA 850 Frequency: 846.6 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Phantom High/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

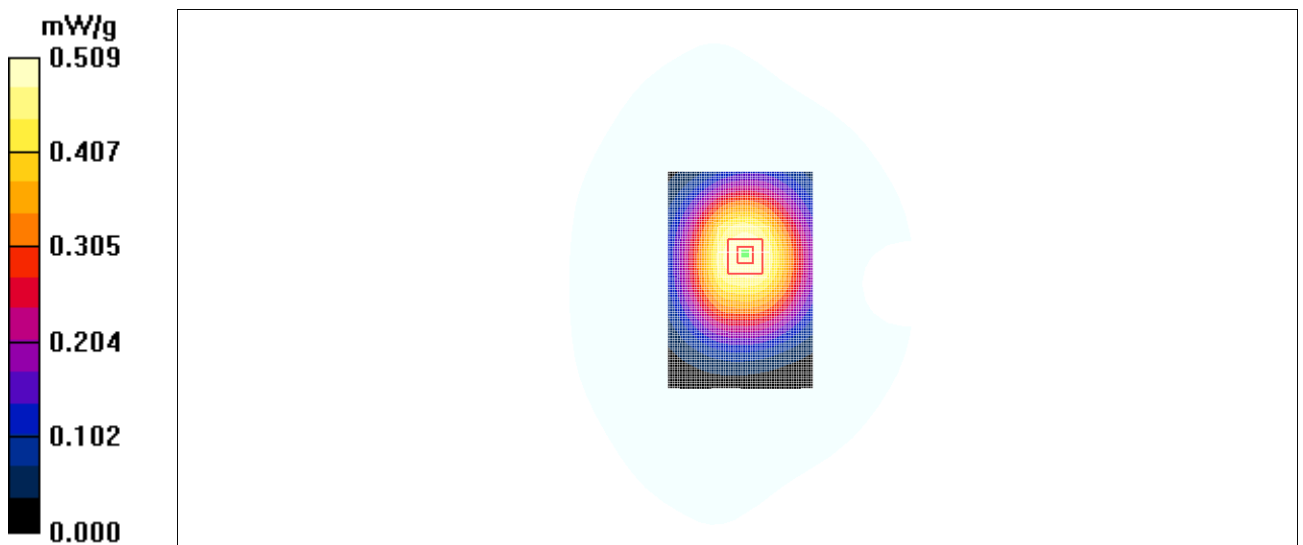Maximum value of SAR (interpolated) = 0.509 mW/g

Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.5 V/m; Power Drift = -0.117 dB

Peak SAR (extrapolated) = 0.609 W/kg

SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.361 mW/g

Maximum value of SAR (measured) = 0.504 mW/g

Fig. 125   850 MHz CH4233

WCDMA 850 Body Towards Phantom Middle - Slide down

Date/Time: 2010-7-22 12:58:55

Electronics: DAE4 Sn771

Medium: 900 Body

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.95 mho/m; εr = 54.8; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WCDMA 850 Frequency: 836.4 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Phantom Middle/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

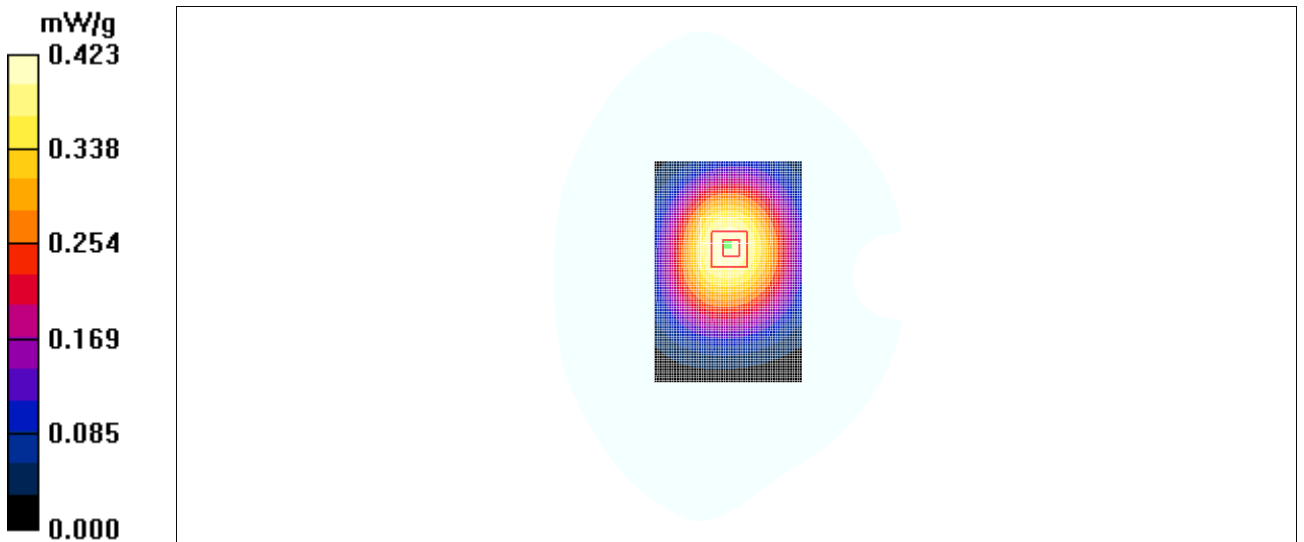Maximum value of SAR (interpolated) = 0.423 mW/g

Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.5 V/m; Power Drift = 0.029 dB

Peak SAR (extrapolated) = 0.502 W/kg

SAR(1 g) = 0.398 mW/g; SAR(10 g) = 0.298 mW/g

Maximum value of SAR (measured) = 0.416 mW/g

Fig. 126   850 MHz CH4182

WCDMA 850 Body Towards Phantom Low - Slide down

Date/Time: 2010-7-22 13:15:37

Electronics: DAE4 Sn771

Medium: 900 Body

Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.94 mho/m; εr = 55.5; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WCDMA 850 Frequency: 826.4 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Phantom Low/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

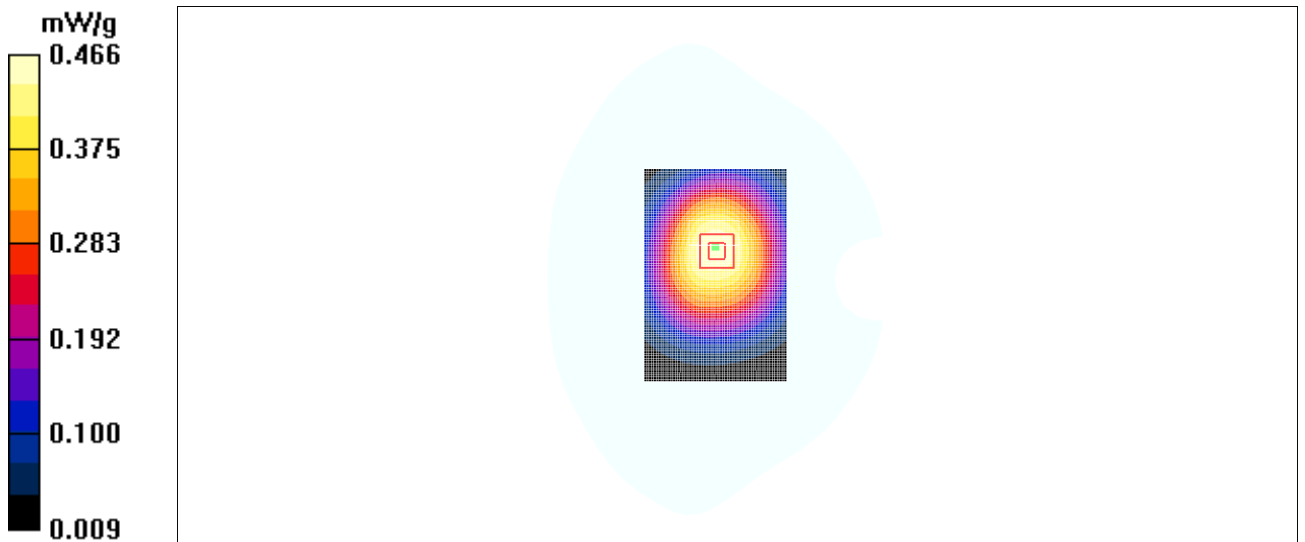Maximum value of SAR (interpolated) = 0.466 mW/g

Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.6 V/m; Power Drift = -0.034 dB

Peak SAR (extrapolated) = 0.556 W/kg

SAR(1 g) = 0.443 mW/g; SAR(10 g) = 0.333 mW/g

Maximum value of SAR (measured) = 0.464 mW/g

Fig. 127   850 MHz CH4132

WCDMA 850 Body Towards Ground High - Slide down

Date/Time: 2010-7-22 13:32:59

Electronics: DAE4 Sn771

Medium: 900 Body

Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.94 mho/m; εr = 54.6; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WCDMA 850 Frequency: 846.6 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground High/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

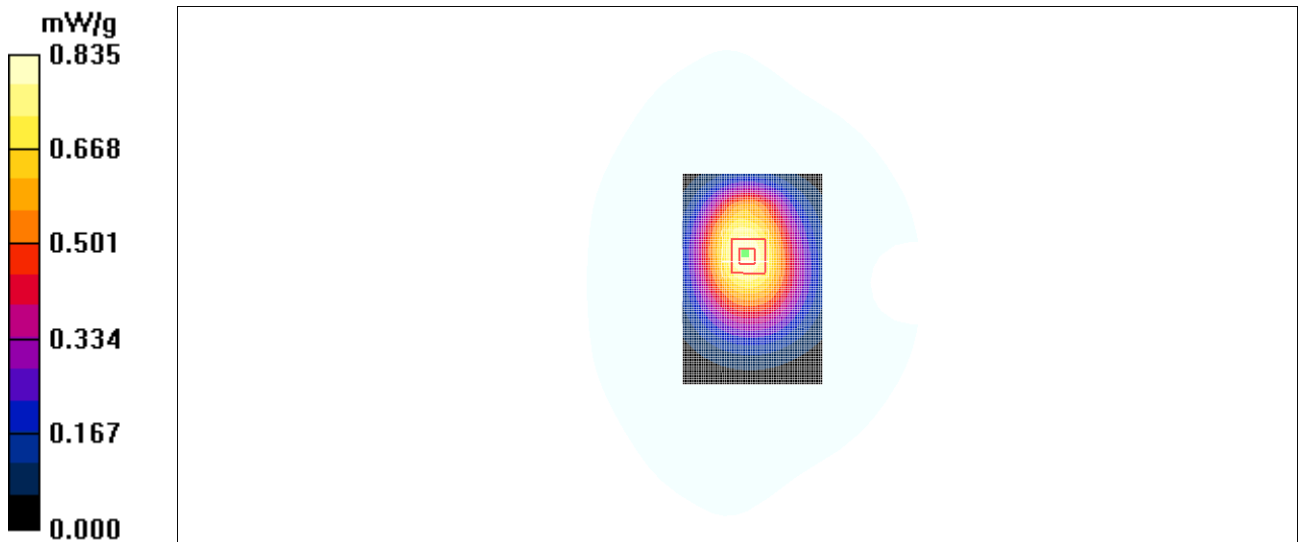Maximum value of SAR (interpolated) = 0.835 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.8 V/m; Power Drift = 0.037 dB

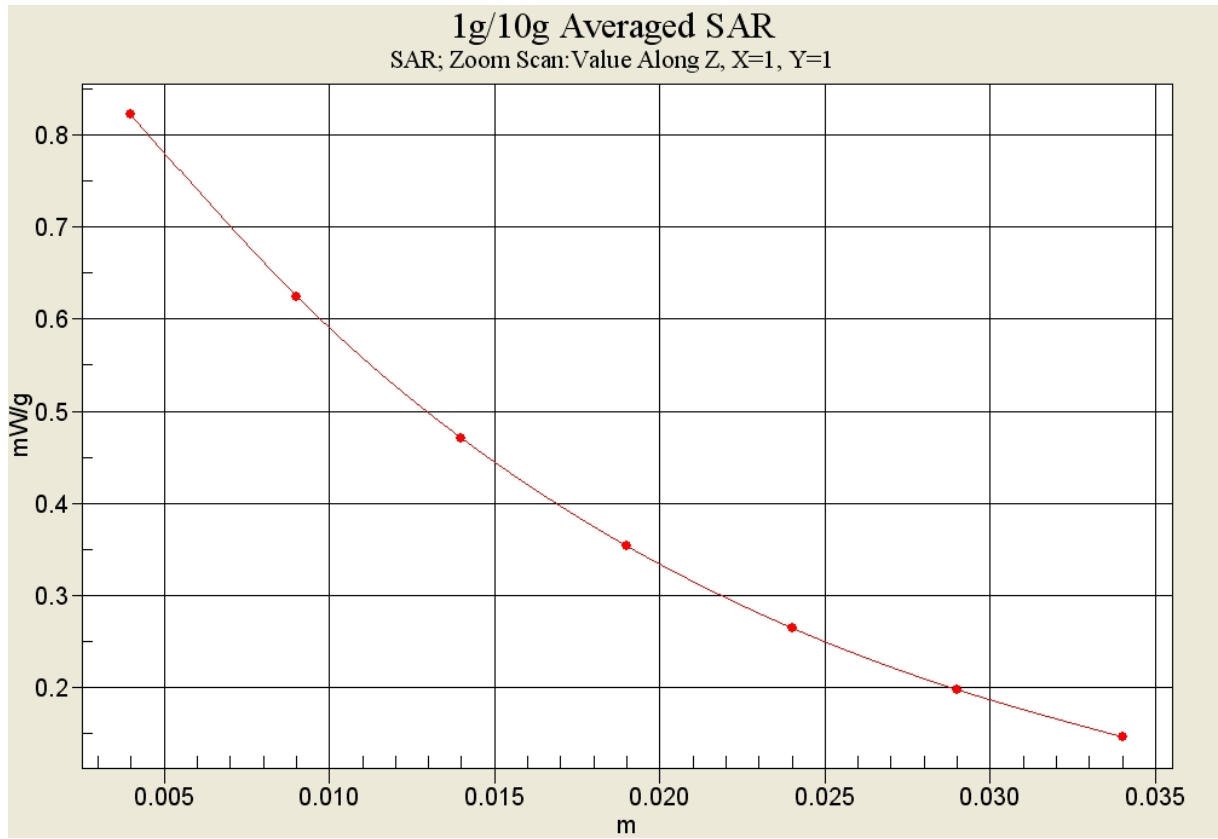Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.794 mW/g; SAR(10 g) = 0.573 mW/g

Maximum value of SAR (measured) = 0.822 mW/g

Fig. 128   850 MHz CH4233

Fig. 128-1   Z-Scan at power reference point (850 MHz CH4233)

WCDMA 850 Body Towards Ground Middle -Slide down

Date/Time: 2010-7-22 13:49:18

Electronics: DAE4 Sn771

Medium: 900 Body

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.95 mho/m; εr = 54.8; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WCDMA 850 Frequency: 836.4 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground Middle/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

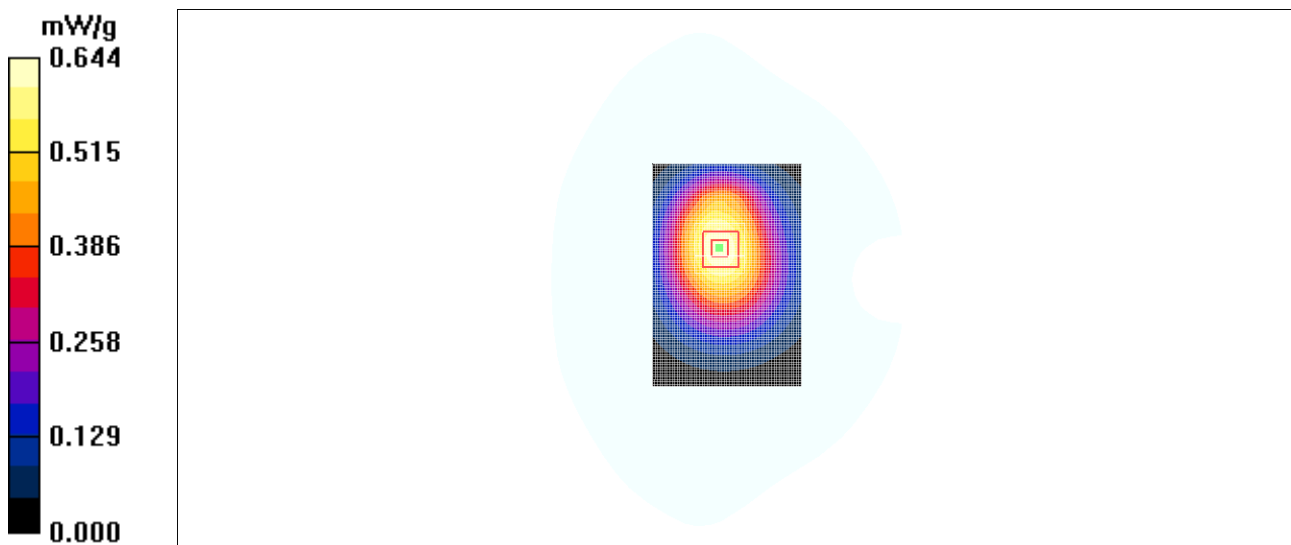Maximum value of SAR (interpolated) = 0.644 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.5 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 0.803 W/kg

SAR(1 g) = 0.614 mW/g; SAR(10 g) = 0.445 mW/g

Maximum value of SAR (measured) = 0.632 mW/g

Fig. 129   850 MHz CH4182

WCDMA 850 Body Towards Ground Low - Slide down

Date/Time: 2010-7-22 14:06:41

Electronics: DAE4 Sn771

Medium: 900 Body

Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.94 mho/m; εr = 55.5; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WCDMA 850 Frequency: 826.4 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground Low/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

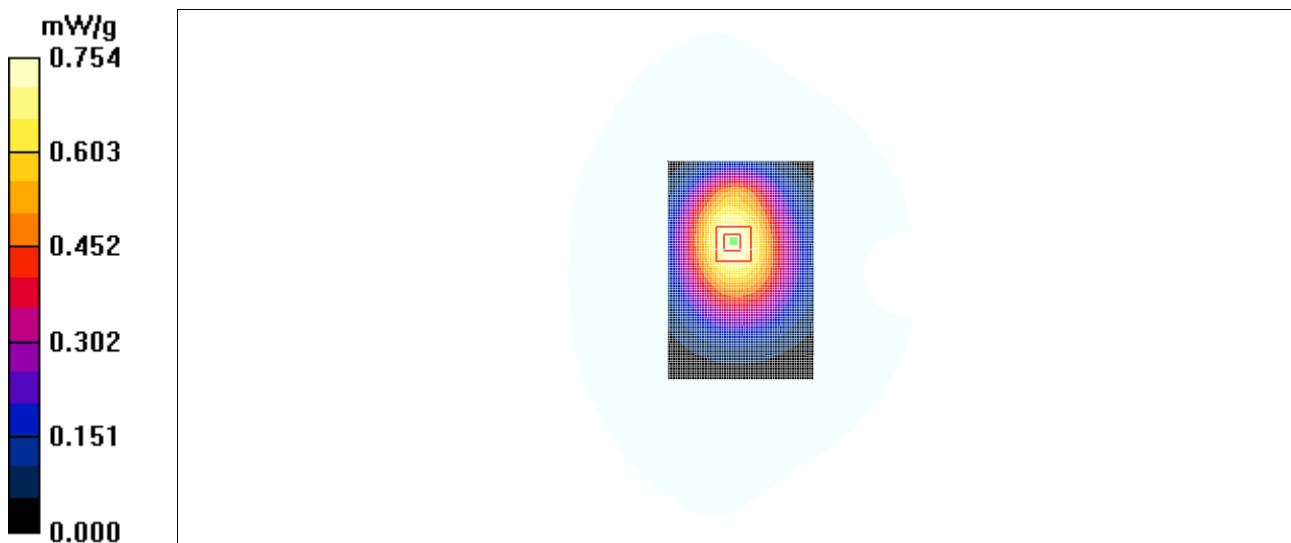Maximum value of SAR (interpolated) = 0.754 mW/g

Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.5 V/m; Power Drift = 0.145 dB

Peak SAR (extrapolated) = 0.934 W/kg

SAR(1 g) = 0.718 mW/g; SAR(10 g) = 0.521 mW/g

Maximum value of SAR (measured) = 0.746 mW/g

Fig. 130   850 MHz CH4132

WCDMA 850 Body Towards Phantom High - Slide up

Date/Time: 2010-7-22 14:23:53

Electronics: DAE4 Sn771

Medium: 900 Body

Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.94 mho/m; εr = 54.6; ρ = 1000 kg/m³

Ambient Temperature:23.0oC   Liquid Temperature: 22.5°C

Communication System: WCDMA 850 Frequency: 846.6 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Phantom High/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

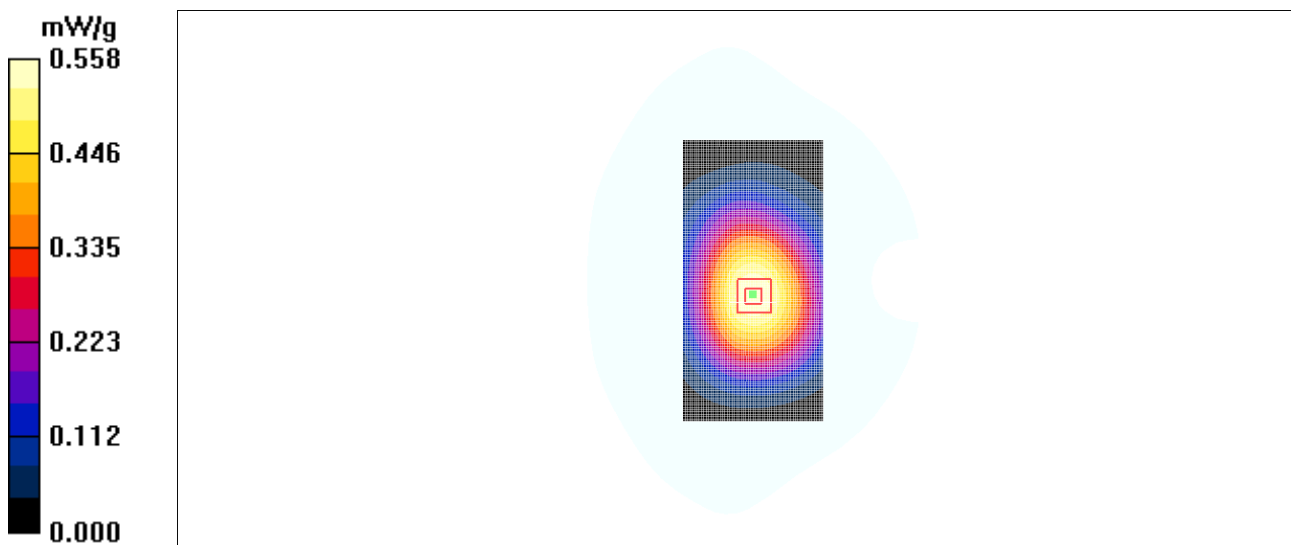Maximum value of SAR (interpolated) = 0.558 mW/g

Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.3 V/m; Power Drift = 0.023 dB

Peak SAR (extrapolated) = 0.658 W/kg

SAR(1 g) = 0.525 mW/g; SAR(10 g) = 0.393 mW/g

Maximum value of SAR (measured) = 0.543 mW/g

Fig. 131   850 MHz CH4233

WCDMA 850 Body Towards Phantom Middle - Slide up

Date/Time: 2010-7-22 14:40:13

Electronics: DAE4 Sn771

Medium: 900 Body

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.95 mho/m; εr = 54.8; ρ = 1000 kg/m³

Ambient Temperature:23.0oC   Liquid Temperature: 22.5°C

Communication System: WCDMA 850 Frequency: 836.4 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Phantom Middle/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

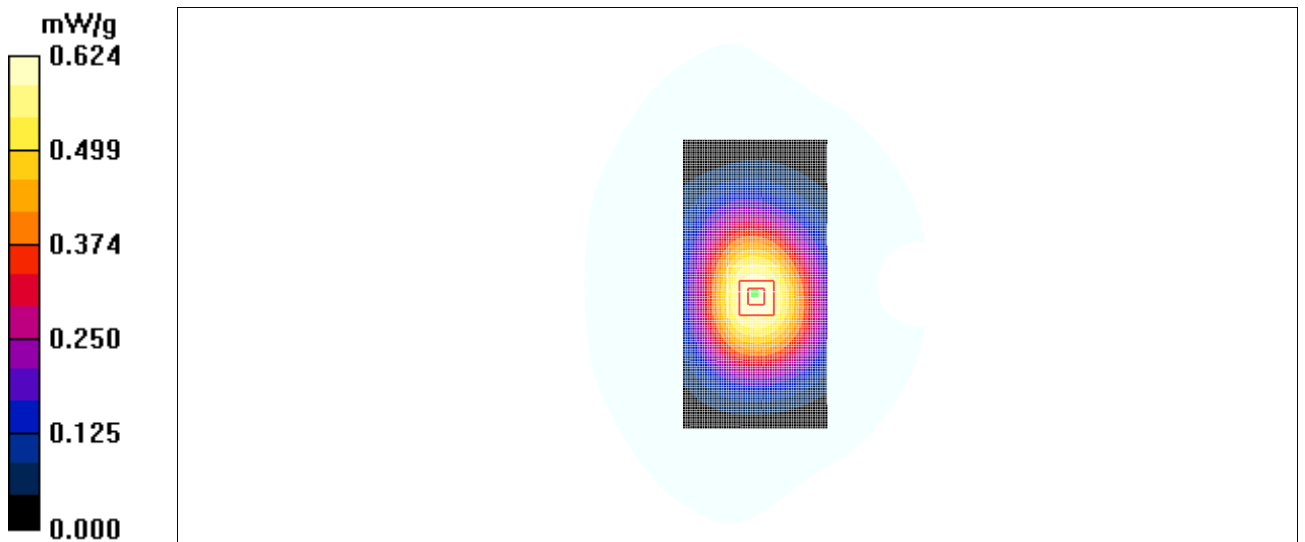Maximum value of SAR (interpolated) = 0.624 mW/g

Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.3 V/m; Power Drift = -0.061 dB

Peak SAR (extrapolated) = 0.739 W/kg

SAR(1 g) = 0.588 mW/g; SAR(10 g) = 0.440 mW/g

Maximum value of SAR (measured) = 0.618 mW/g

Fig. 132   850 MHz CH4182

WCDMA 850 Body Towards Phantom Low - Slide up

Date/Time: 2010-7-22 14:57:08

Electronics: DAE4 Sn771

Medium: 900 Body

Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.94 mho/m; εr = 55.5; ρ = 1000 kg/m³

Ambient Temperature:23.0oC   Liquid Temperature: 22.5°C

Communication System: WCDMA 850 Frequency: 826.4 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Phantom Low/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

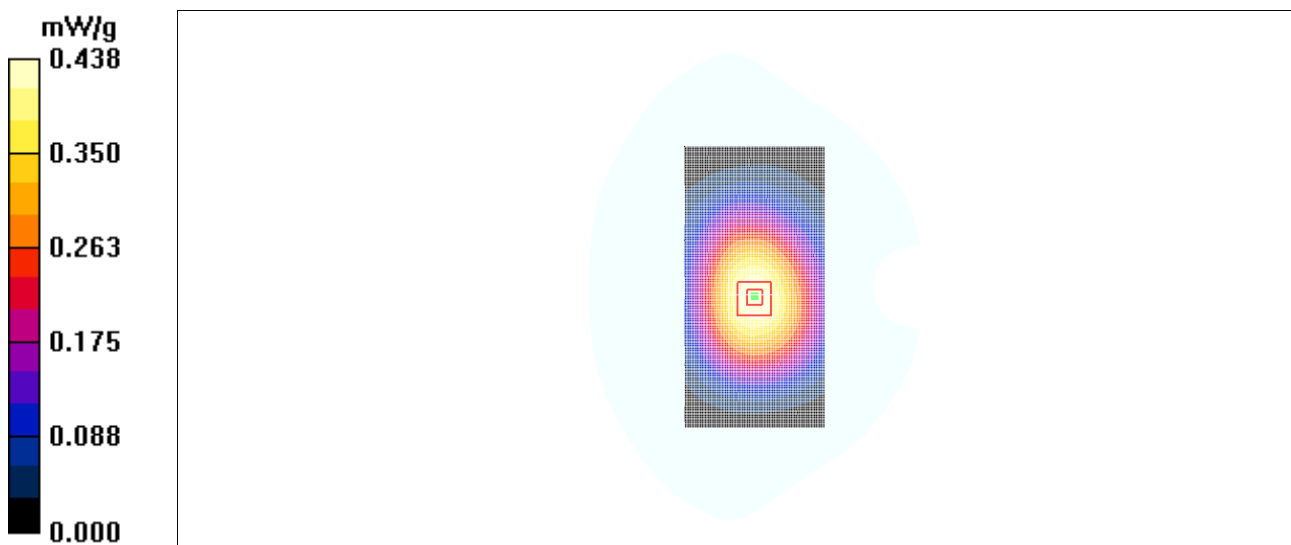Maximum value of SAR (interpolated) = 0.438 mW/g

Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.6 V/m; Power Drift = -0.165 dB

Peak SAR (extrapolated) = 0.517 W/kg

SAR(1 g) = 0.413 mW/g; SAR(10 g) = 0.311 mW/g

Maximum value of SAR (measured) = 0.434 mW/g

Fig. 133   850 MHz CH4132

WCDMA 850 Body Towards Ground High - Slide up

Date/Time: 2010-7-22 15:14:22

Electronics: DAE4 Sn771

Medium: 900 Body

Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.94 mho/m; εr = 54.6; ρ = 1000 kg/m³

Ambient Temperature:23.0oC   Liquid Temperature: 22.5°C

Communication System: WCDMA 850 Frequency: 846.6 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground High/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

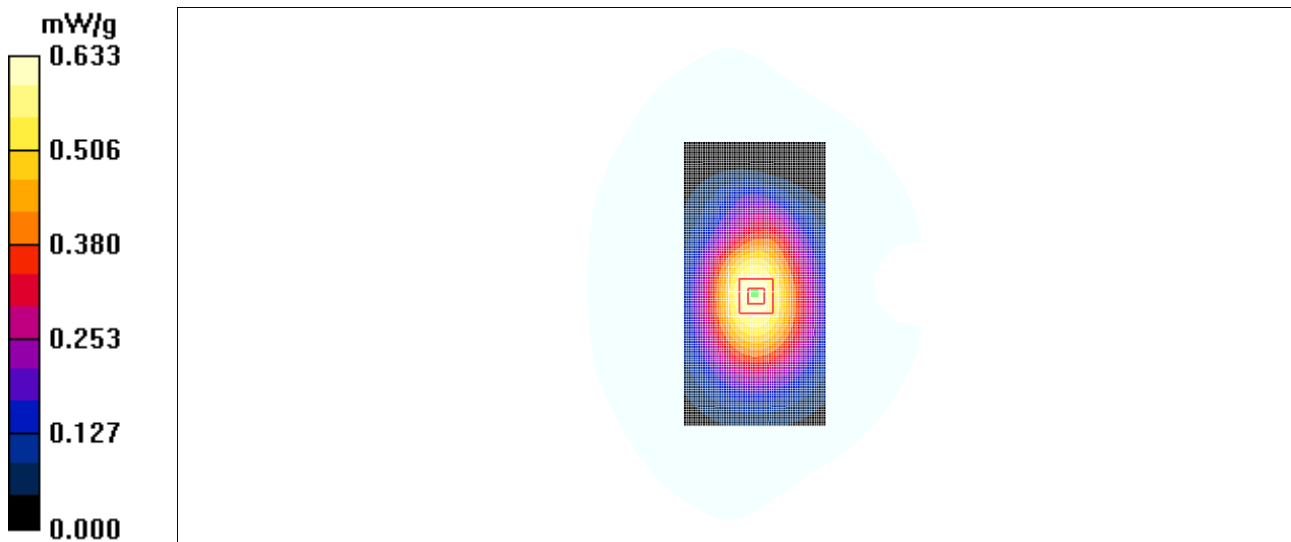Maximum value of SAR (interpolated) = 0.633 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.7 V/m; Power Drift = 0.112 dB

Peak SAR (extrapolated) = 0.769 W/kg

SAR(1 g) = 0.602 mW/g; SAR(10 g) = 0.444 mW/g

Maximum value of SAR (measured) = 0.632 mW/g

Fig. 134   850 MHz CH4132

WCDMA 850 Body Towards Ground Middle - Slide up

Date/Time: 2010-7-22 15:31:49

Electronics: DAE4 Sn771

Medium: 900 Body

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.95 mho/m; εr = 54.8; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WCDMA 850 Frequency: 836.4 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground Middle/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

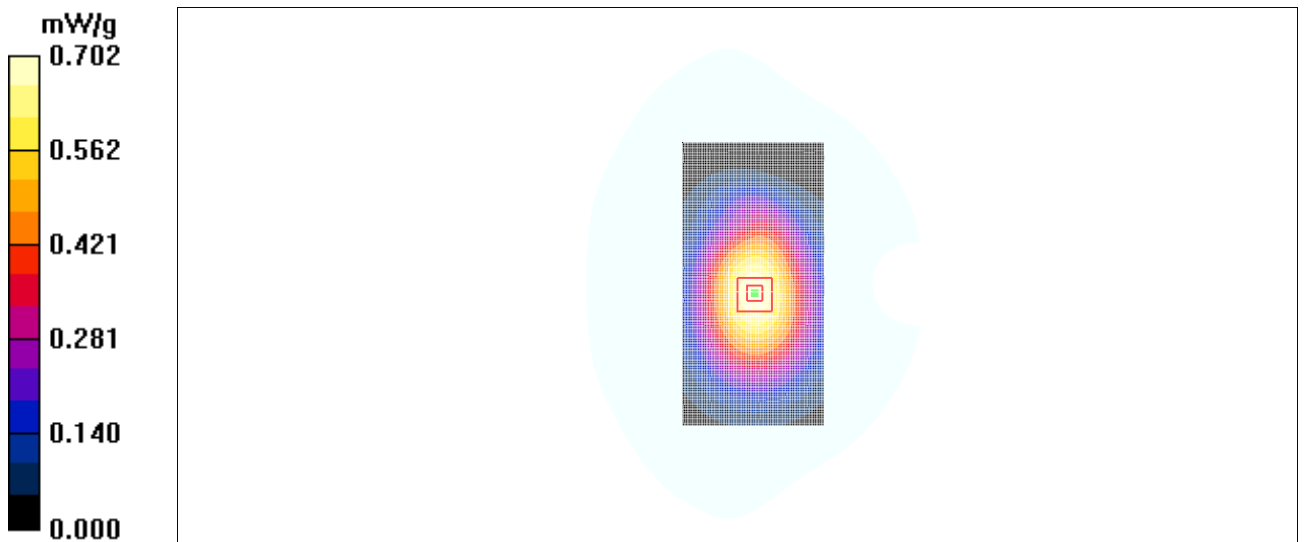Maximum value of SAR (interpolated) = 0.702 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.5 V/m; Power Drift = -0.006 dB

Peak SAR (extrapolated) = 0.836 W/kg

SAR(1 g) = 0.657 mW/g; SAR(10 g) = 0.486 mW/g

Maximum value of SAR (measured) = 0.691 mW/g

Fig. 135   850 MHz CH4182

WCDMA 850 Body Towards Ground Low - Slide up

Date/Time: 2010-7-22 15:50:54

Electronics: DAE4 Sn771

Medium: 900 Body

Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.94 mho/m; εr = 55.5; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WCDMA 850 Frequency: 826.4 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground Low/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

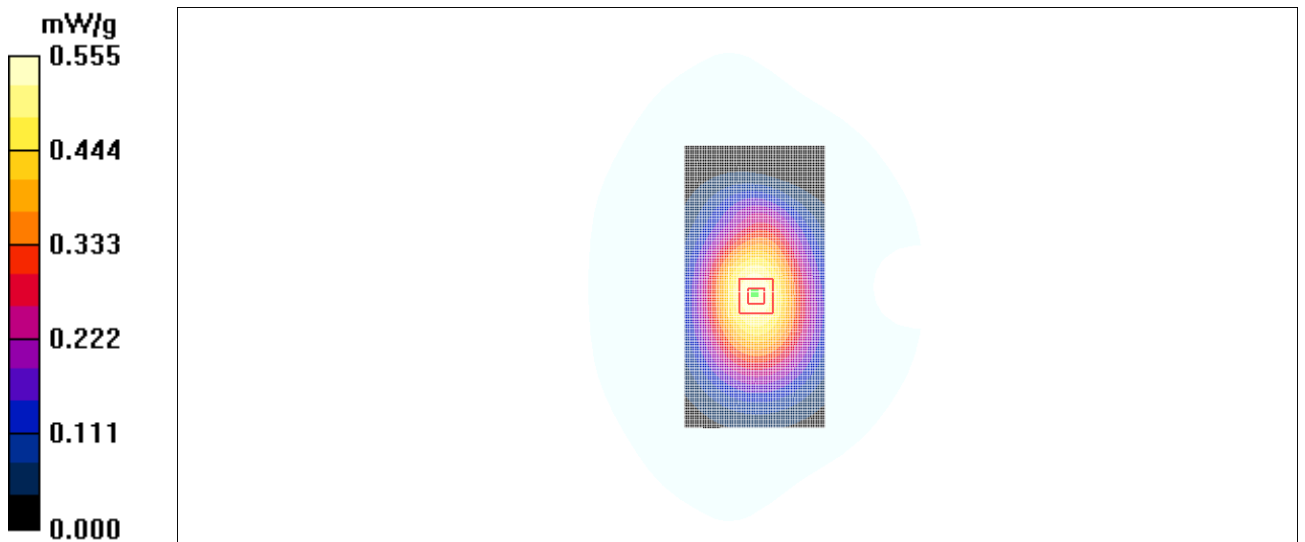Maximum value of SAR (interpolated) = 0.555 mW/g

Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.8 V/m; Power Drift = 0.039 dB

Peak SAR (extrapolated) = 0.669 W/kg

SAR(1 g) = 0.527 mW/g; SAR(10 g) = 0.390 mW/g

Maximum value of SAR (measured) = 0.554 mW/g

Fig. 136   850 MHz CH4132

WCDMA 850 Body Towards Ground High with Headset

Date/Time: 2010-7-22 16:07:42

Electronics: DAE4 Sn771

Medium: 900 Body

Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.94 mho/m; εr = 54.6; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WCDMA 850 Frequency: 846.6 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground High/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

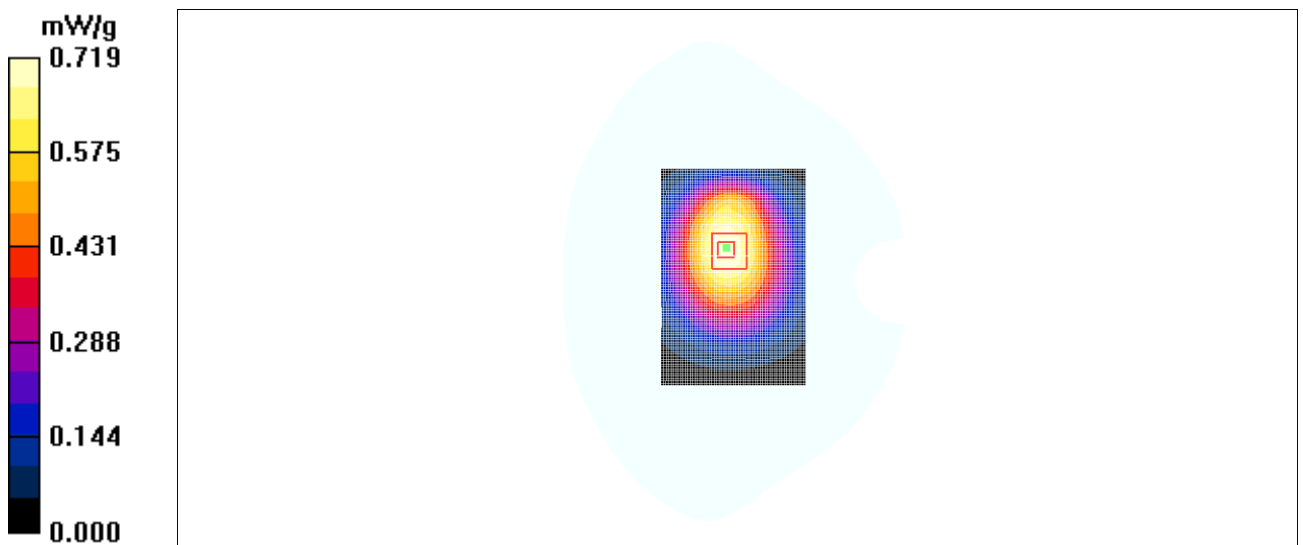Maximum value of SAR (interpolated) = 0.719 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.6 V/m; Power Drift = 0.007 dB

Peak SAR (extrapolated) = 0.899 W/kg

SAR(1 g) = 0.681 mW/g; SAR(10 g) = 0.490 mW/g

Maximum value of SAR (measured) = 0.701 mW/g

Fig. 137   850 MHz CH4233

WCDMA 1900 Body Towards Phantom High - Slide down

Date/Time: 2010-7-23 13:00:44

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.54 mho/m; εr = 52.8; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WCDMA 1900 Frequency: 1907.6 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Phantom High/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
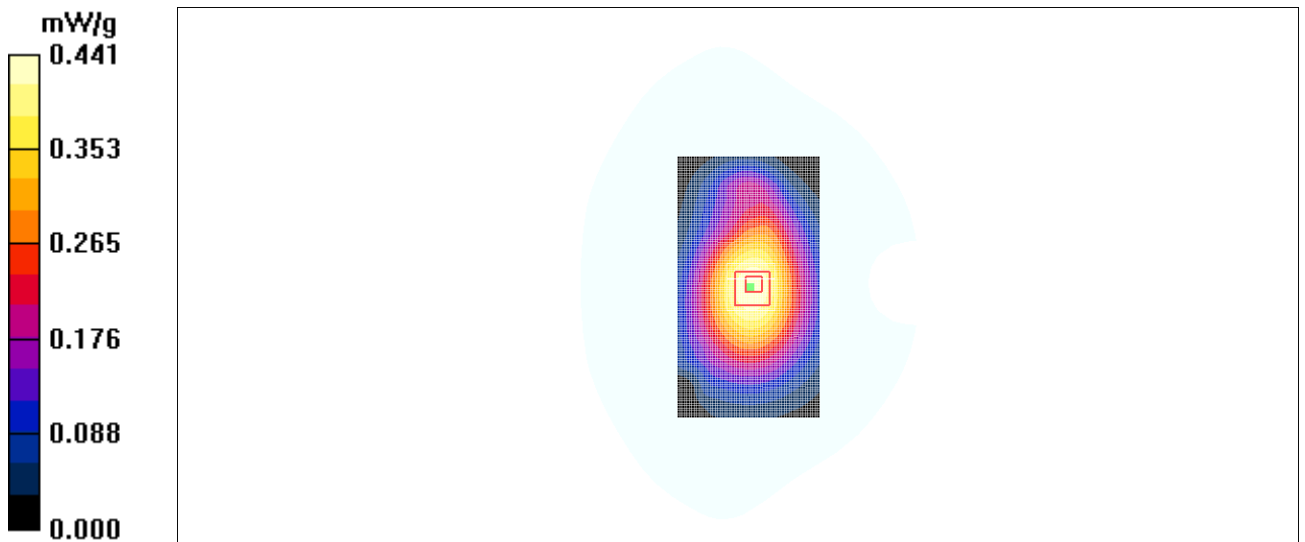
Maximum value of SAR (interpolated) = 0.441 mW/g

Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.86 V/m; Power Drift = -0.136 dB

Peak SAR (extrapolated) = 0.652 W/kg

SAR(1 g) = 0.404 mW/g; SAR(10 g) = 0.252 mW/g

Maximum value of SAR (measured) = 0.428 mW/g

Fig. 138 1900 MHz CH9538

WCDMA 1900 Body Towards Phantom Middle - Slide down

Date/Time: 2010-7-23 13:20:05

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.50 mho/m; εr = 53.2; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WCDMA 1900 Frequency: 1880 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Phantom Middle/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

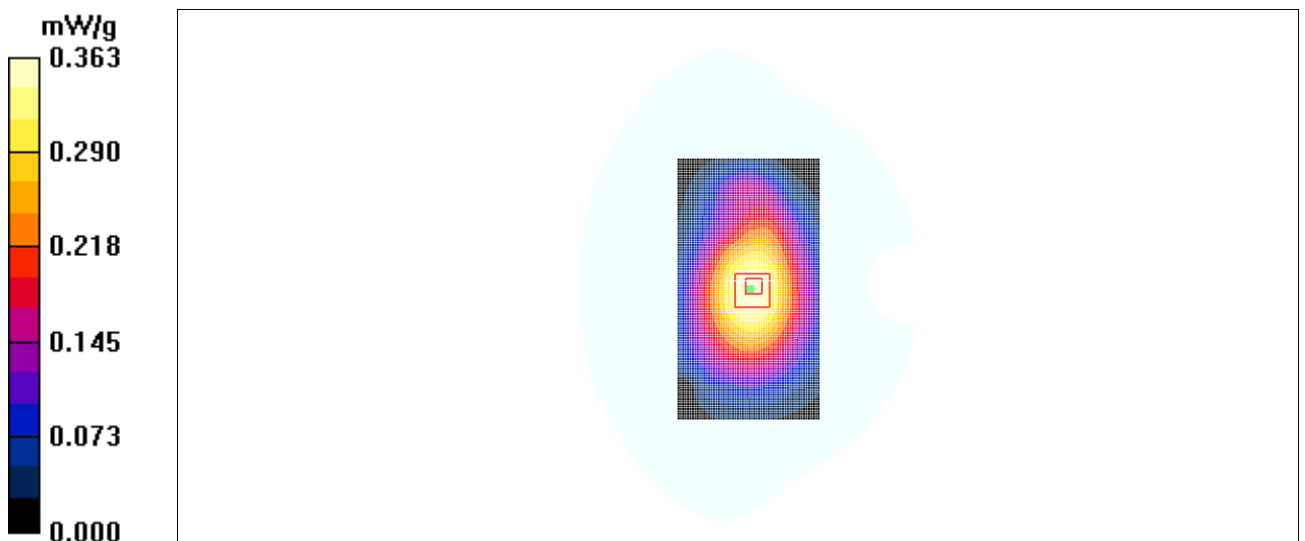Maximum value of SAR (interpolated) = 0.363 mW/g

Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.51 V/m; Power Drift = -0.179 dB

Peak SAR (extrapolated) = 0.528 W/kg

SAR(1 g) = 0.329 mW/g; SAR(10 g) = 0.205 mW/g

Maximum value of SAR (measured) = 0.354 mW/g

Fig. 139 1900 MHz CH9400

WCDMA 1900 Body Towards Phantom Low - Slide down
Date/Time: 2010-7-23 13:39:19
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.48 mho/m; εr = 53.6; ρ = 1000 kg/m³
Ambient Temperature:23.0oC   Liquid Temperature: 22.5°C
Communication System: WCDMA 1900 Frequency: 1852.4 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Phantom Low/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
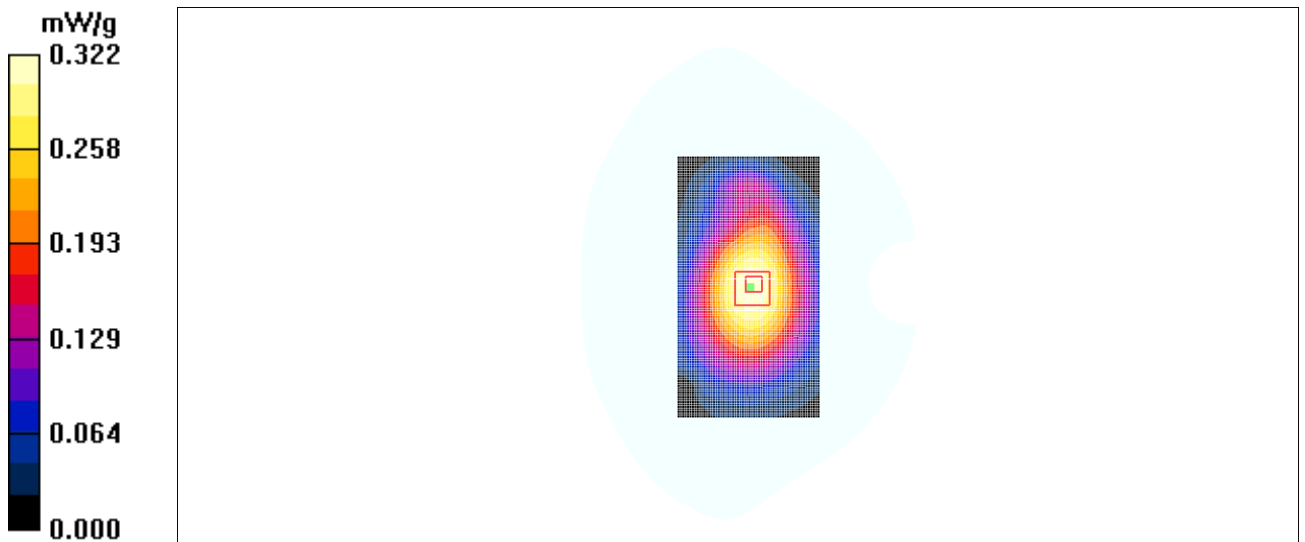Maximum value of SAR (interpolated) = 0.322 mW/g

Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.60 V/m; Power Drift = -0.063 dB
Peak SAR (extrapolated) = 0.480 W/kg
SAR(1 g) = 0.299 mW/g; SAR(10 g) = 0.187 mW/g

Maximum value of SAR (measured) = 0.322 mW/g

Fig. 140 1900 MHz CH9262

WCDMA 1900 Body Towards Ground High - Slide down

Date/Time: 2010-7-23 13:56:48

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.54 mho/m; εr = 52.8; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WCDMA 1900 Frequency: 1907.6 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Ground High/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

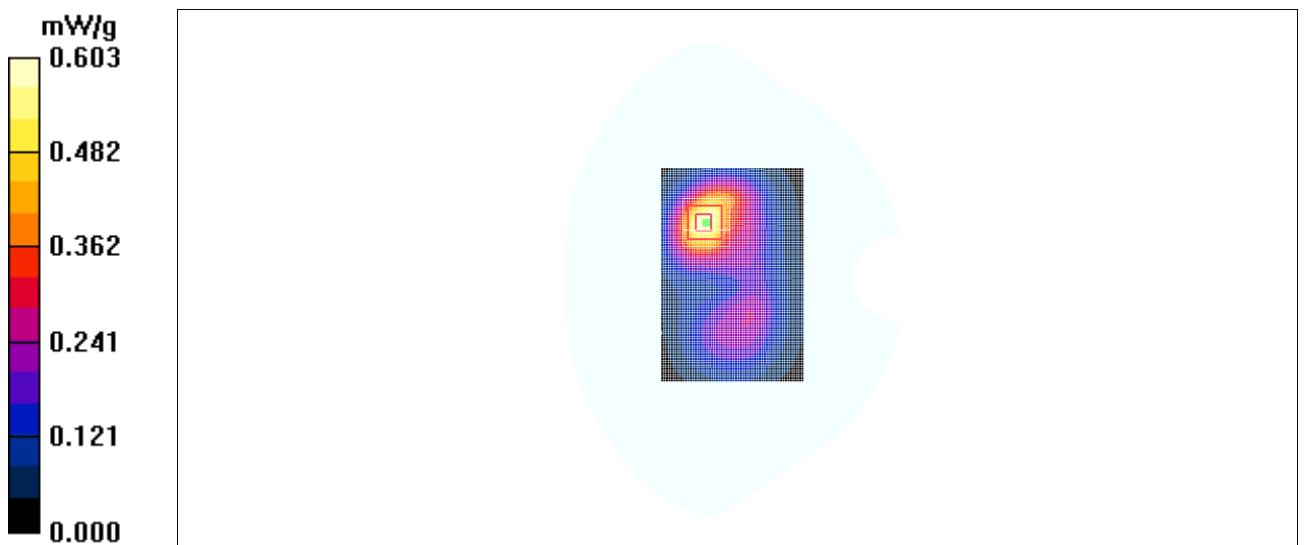Maximum value of SAR (interpolated) = 0.603 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.0 V/m; Power Drift = 0.006 dB

Peak SAR (extrapolated) = 0.902 W/kg

SAR(1 g) = 0.540 mW/g; SAR(10 g) = 0.317 mW/g

Maximum value of SAR (measured) = 0.564 mW/g

Fig. 141 1900 MHz CH9400

WCDMA 1900 Body Towards Ground Middle - Slide down

Date/Time: 2010-7-23 14:15:55

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.50 mho/m; εr = 53.2; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WCDMA 1900 Frequency: 1880 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Ground Middle/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

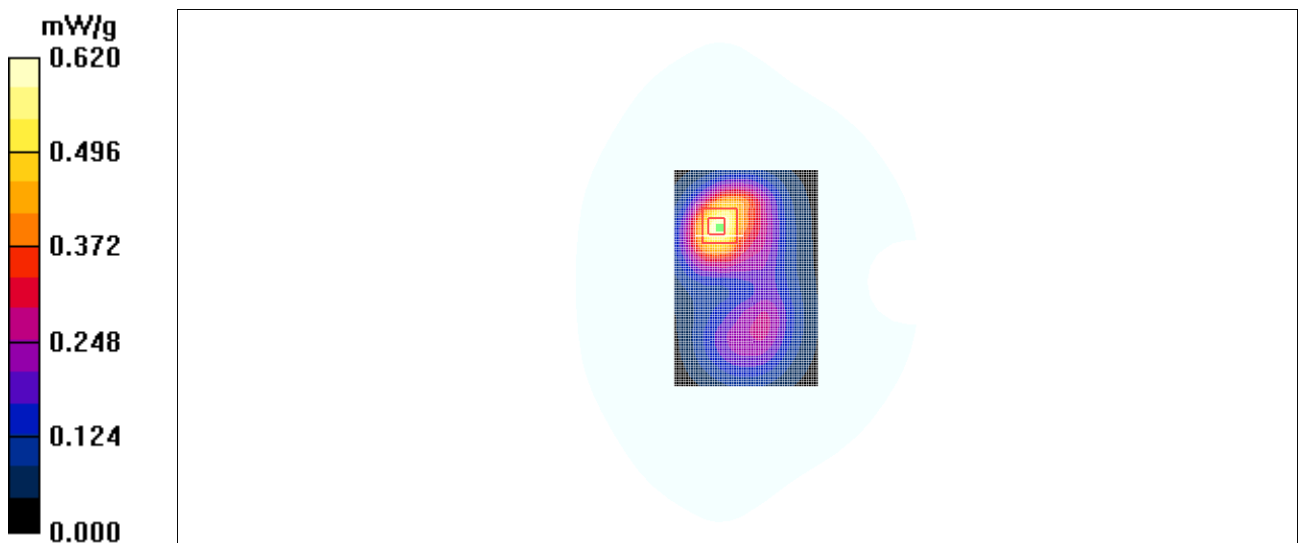Maximum value of SAR (interpolated) = 0.620 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = -0.037 dB

Peak SAR (extrapolated) = 0.943 W/kg

SAR(1 g) = 0.562 mW/g; SAR(10 g) = 0.331 mW/g

Maximum value of SAR (measured) = 0.579 mW/g

Fig. 142 1900 MHz CH9400

WCDMA 1900 Body Towards Ground Low - Slide down

Date/Time: 2010-7-23 14:32:22

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.48 mho/m; εr = 53.6; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WCDMA 1900 Frequency: 1852.4 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Ground Low/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

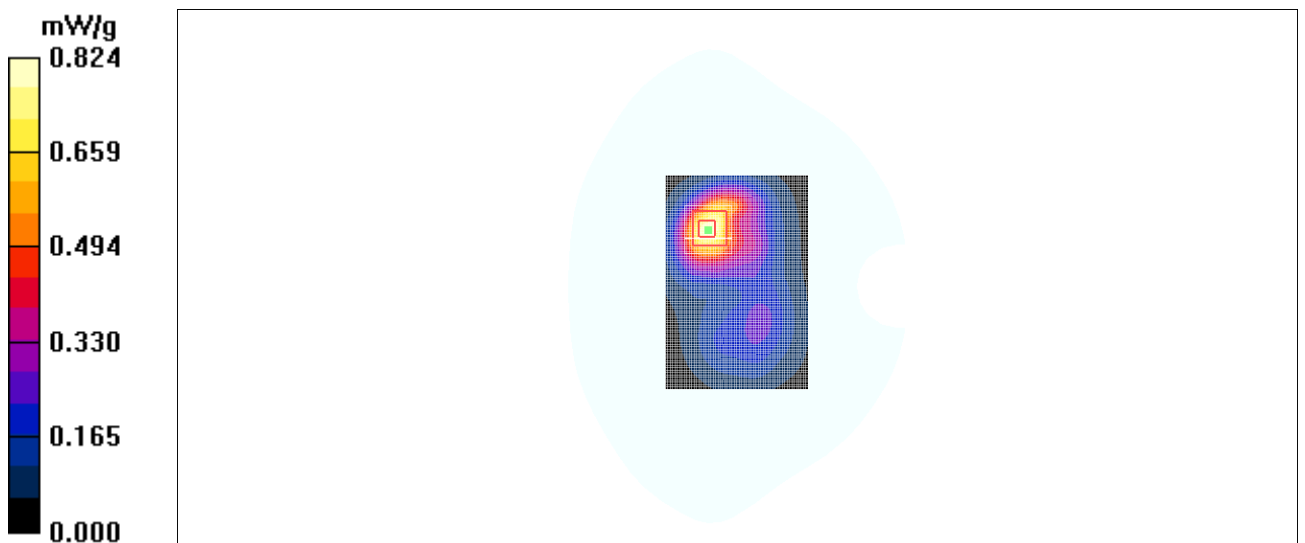Maximum value of SAR (interpolated) = 0.824 mW/g

Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.7 V/m; Power Drift = -0.141 dB
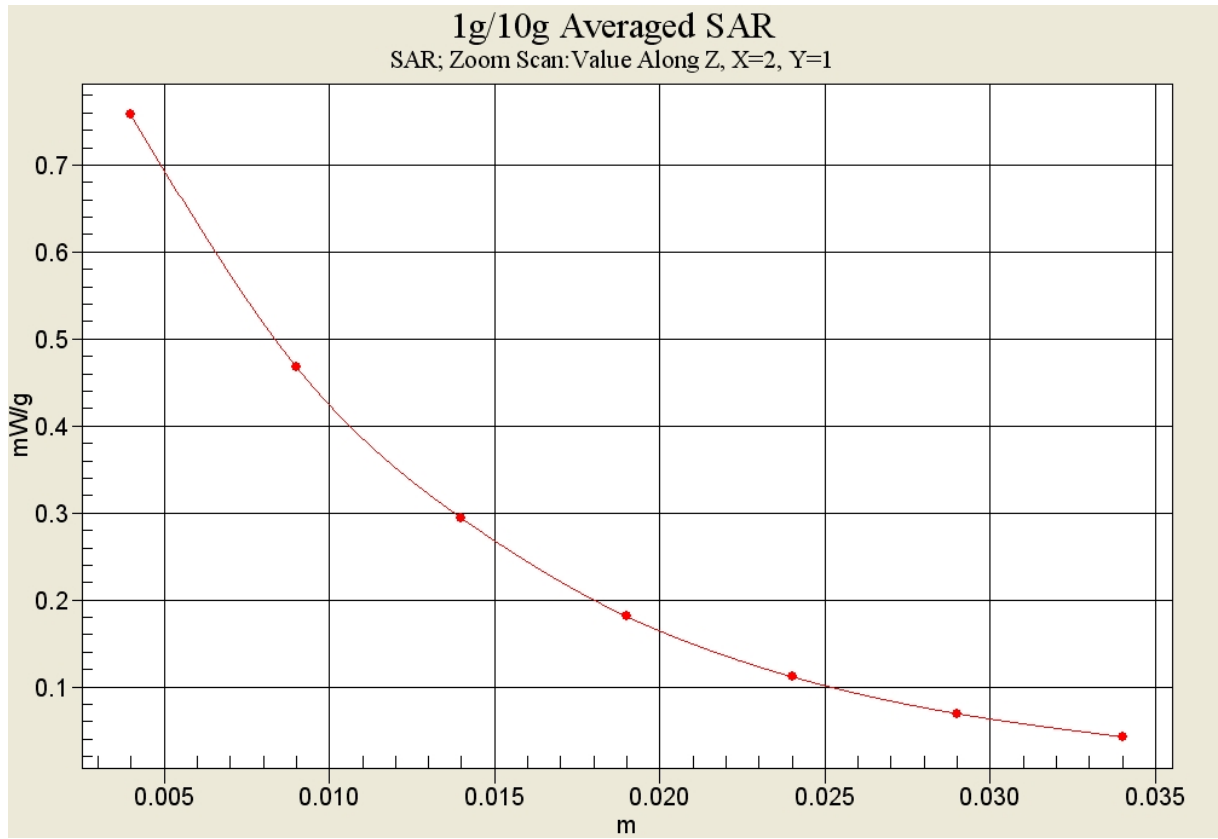
Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.757 mW/g; SAR(10 g) = 0.434 mW/g

Maximum value of SAR (measured) = 0.758 mW/g

Fig. 143 1900 MHz CH9262

Fig. 143-1 Z-Scan at power reference point (1900 MHz CH9262)

WCDMA 1900 Body Towards Phantom High - Slide up

Date/Time: 2010-7-23 14:49:04

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.54 mho/m; εr = 52.8; ρ = 1000 kg/m³

Ambient Temperature:23.0oC   Liquid Temperature: 22.5°C

Communication System: WCDMA 1900 Frequency: 1907.6 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Phantom High/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
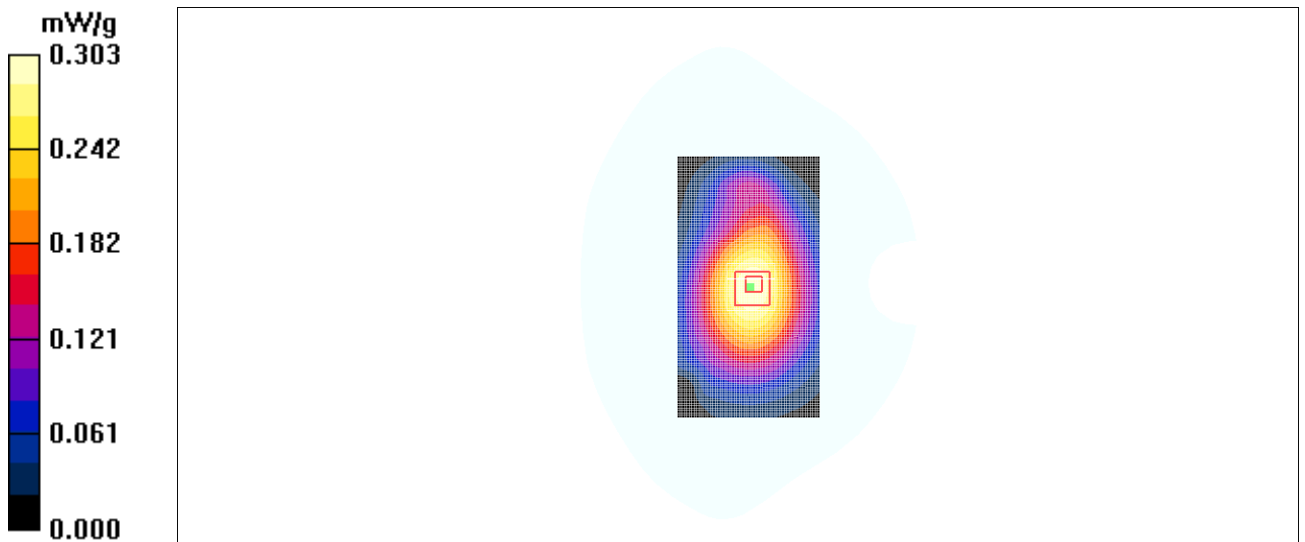
Maximum value of SAR (interpolated) = 0.303 mW/g

Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.24 V/m; Power Drift = -0.182 dB

Peak SAR (extrapolated) = 0.410 W/kg

SAR(1 g) = 0.266 mW/g; SAR(10 g) = 0.171 mW/g

Maximum value of SAR (measured) = 0.283 mW/g

Fig. 144 1900 MHz CH9538

WCDMA 1900 Body Towards Phantom Middle - Slide up

Date/Time: 2010-7-23 15:06:53

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.50 mho/m; εr = 53.2; ρ = 1000 kg/m³

Ambient Temperature:23.0oC   Liquid Temperature: 22.5°C

Communication System: WCDMA 1900 Frequency: 1880 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Phantom Middle/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
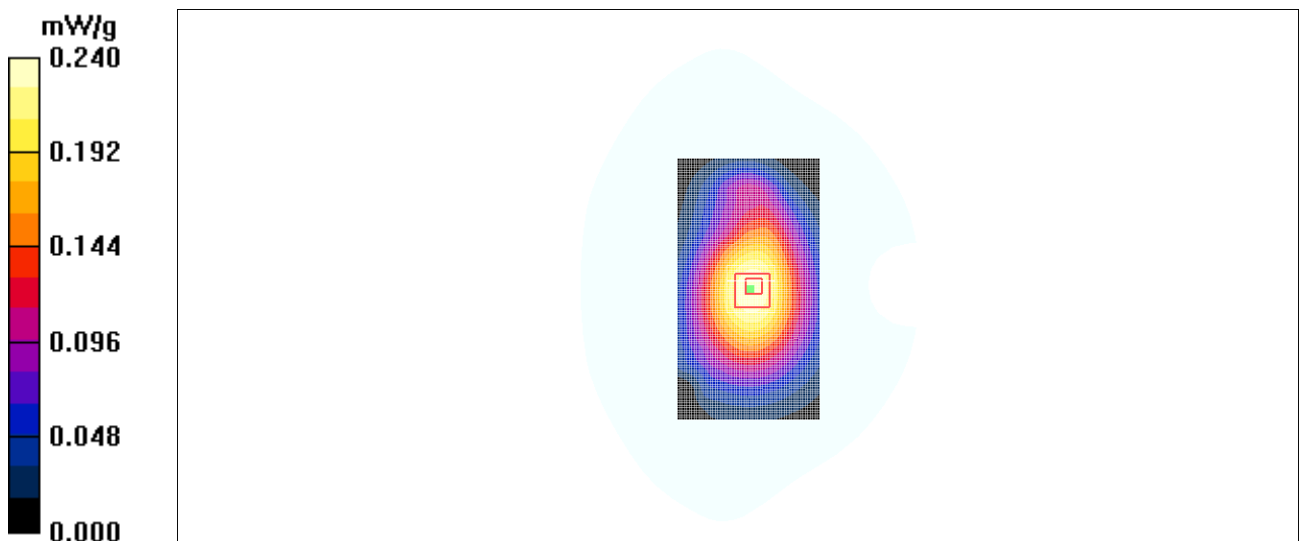
Maximum value of SAR (interpolated) = 0.240 mW/g

Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.94 V/m; Power Drift = -0.120 dB

Peak SAR (extrapolated) = 0.319 W/kg

SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.138 mW/g

Maximum value of SAR (measured) = 0.224 mW/g

Fig. 145 1900 MHz CH9400

WCDMA 1900 Body Towards Phantom Low - Slide up

Date/Time: 2010-7-23 15:23:35

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.48 mho/m; εr = 53.6; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WCDMA 1900 Frequency: 1852.4 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Phantom low/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
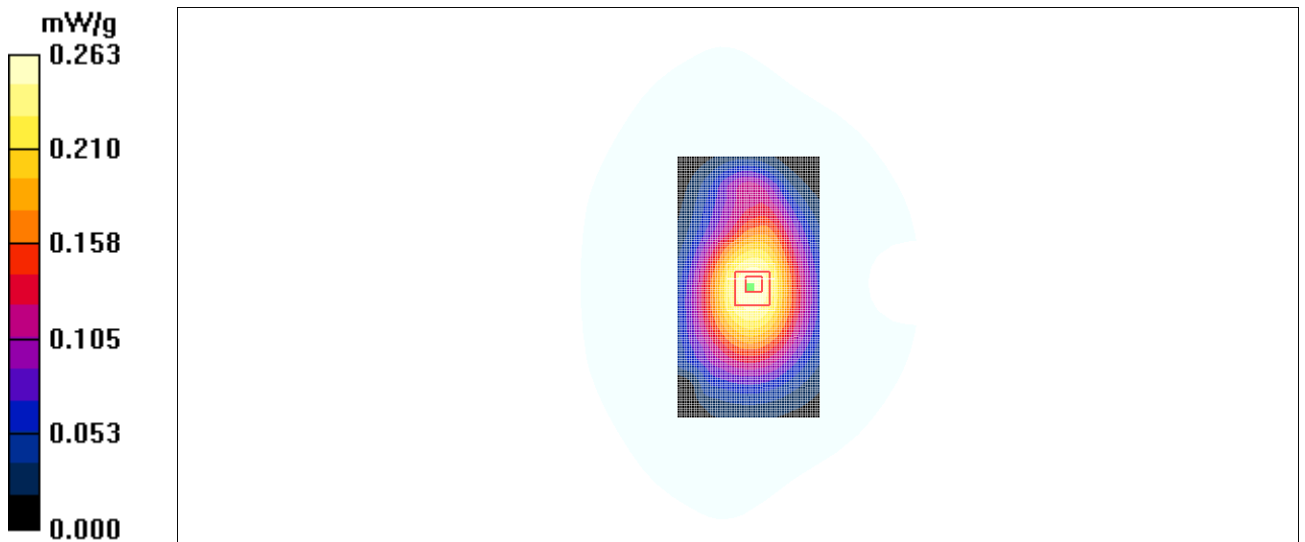
Maximum value of SAR (interpolated) = 0.263 mW/g

Toward Phantom low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.11 V/m; Power Drift = 0.149 dB

Peak SAR (extrapolated) = 0.373 W/kg

SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.158 mW/g

Maximum value of SAR (measured) = 0.257 mW/g

Fig. 146 1900 MHz CH9262

WCDMA 1900 Body Towards Ground High - Slide up

Date/Time: 2010-7-23 15:40:07

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.54 mho/m; εr = 52.8; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WCDMA 1900 Frequency: 1907.6 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Ground High/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

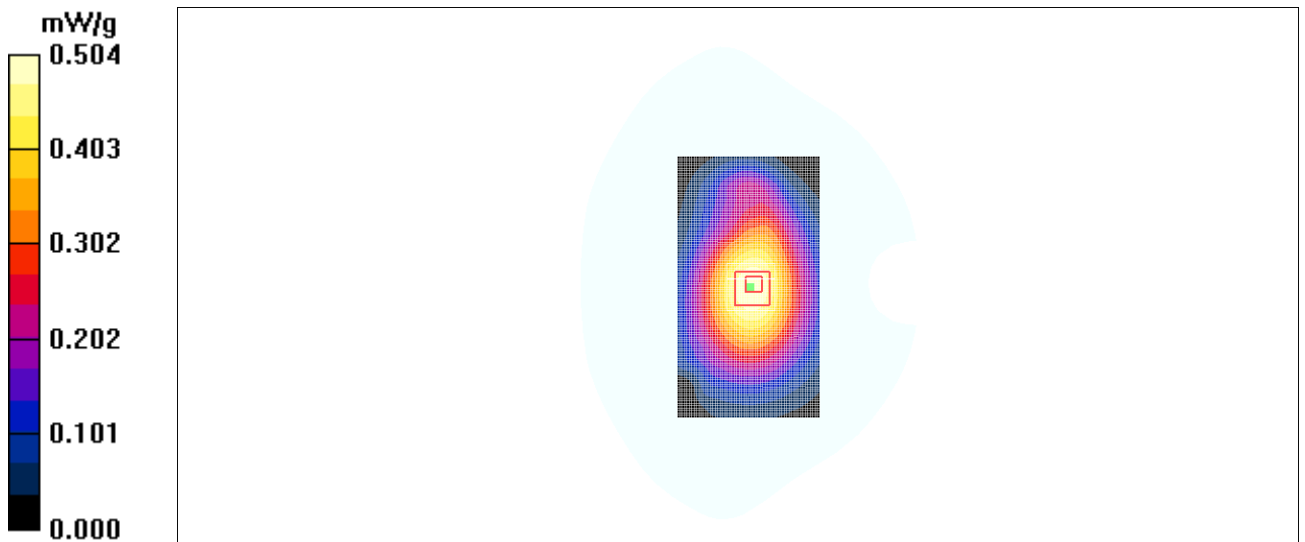Maximum value of SAR (interpolated) = 0.504 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.7 V/m; Power Drift = 0.151 dB

Peak SAR (extrapolated) = 0.735 W/kg

SAR(1 g) = 0.443 mW/g; SAR(10 g) = 0.262 mW/g

Maximum value of SAR (measured) = 0.475 mW/g

Fig. 147 1900 MHz CH9538

WCDMA 1900 Body Towards Ground Middle - Slide up

Date/Time: 2010-7-23 15:57:28

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.50 mho/m; εr = 53.2; ρ = 1000 kg/m³

Ambient Temperature:23.0oC　　　　Liquid Temperature: 22.5°C

Communication System: WCDMA 1900 Frequency: 1880 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Ground Middle/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.550 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.8 V/m; Power Drift = -0.192 dB

Peak SAR (extrapolated) = 0.794 W/kg

SAR(1 g) = 0.487 mW/g; SAR(10 g) = 0.288 mW/g

Maximum value of SAR (measured) = 0.520 mW/g

Fig. 148　1900 MHz CH9400

WCDMA 1900 Body Towards Ground Low - Slide up

Date/Time: 2010-7-23 16:15:22

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.48 mho/m; εr = 53.6; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WCDMA 1900 Frequency: 1852.4 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Ground Low/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

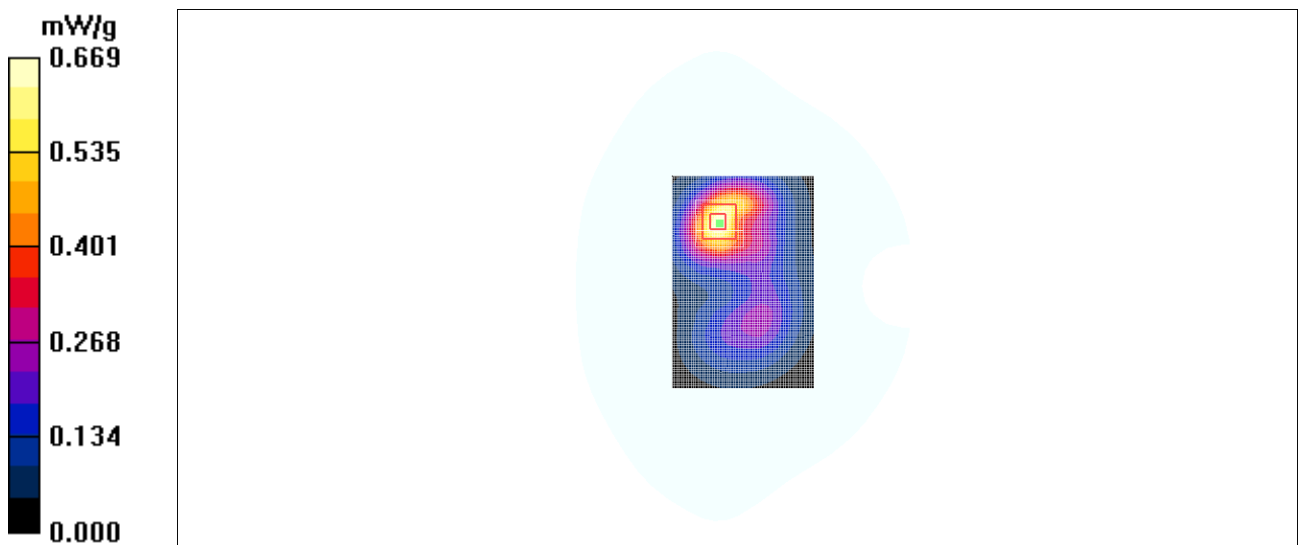Maximum value of SAR (interpolated) = 0.669 mW/g

Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.8 V/m; Power Drift = -0.149 dB

Peak SAR (extrapolated) = 0.950 W/kg

SAR(1 g) = 0.575 mW/g; SAR(10 g) = 0.337 mW/g

Maximum value of SAR (measured) = 0.613 mW/g

Fig. 149 1900 MHz CH9262

WCDMA 1900 Body Towards Ground Low with Headset

Date/Time: 2010-7-23 16:32:42

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.48 mho/m; εr = 53.6; ρ = 1000 kg/m³

Ambient Temperature:23.0oC   Liquid Temperature: 22.5°C

Communication System: WCDMA 1900 Frequency: 1852.4 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Ground Low_Headset/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
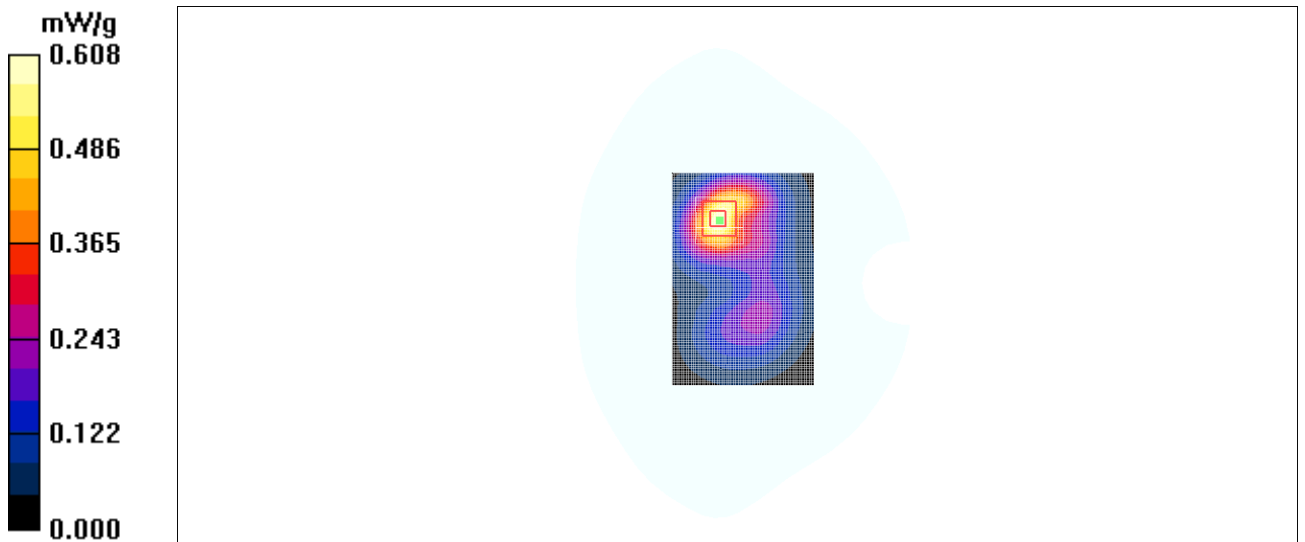
Maximum value of SAR (interpolated) = 0.608 mW/g

Toward Ground Low_Headset/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.66 V/m; Power Drift = 0.044 dB

Peak SAR (extrapolated) = 0.937 W/kg

SAR(1 g) = 0.559 mW/g; SAR(10 g) = 0.327 mW/g

Maximum value of SAR (measured) = 0.577 mW/g

Fig. 150 1900 MHz CH9262

WiFi 802.11b 1Mbps Left Cheek Channel 11 – Slide down

Date/Time: 2010-7-24 8:40:14

Electronics: DAE4 Sn771

Medium: Head 2450 MHz

Medium parameters used (interpolated): f = 2462 MHz; σ = 1.84 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WLan 2450 Frequency: 2462 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.19, 7.19, 7.19)

Cheek High/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
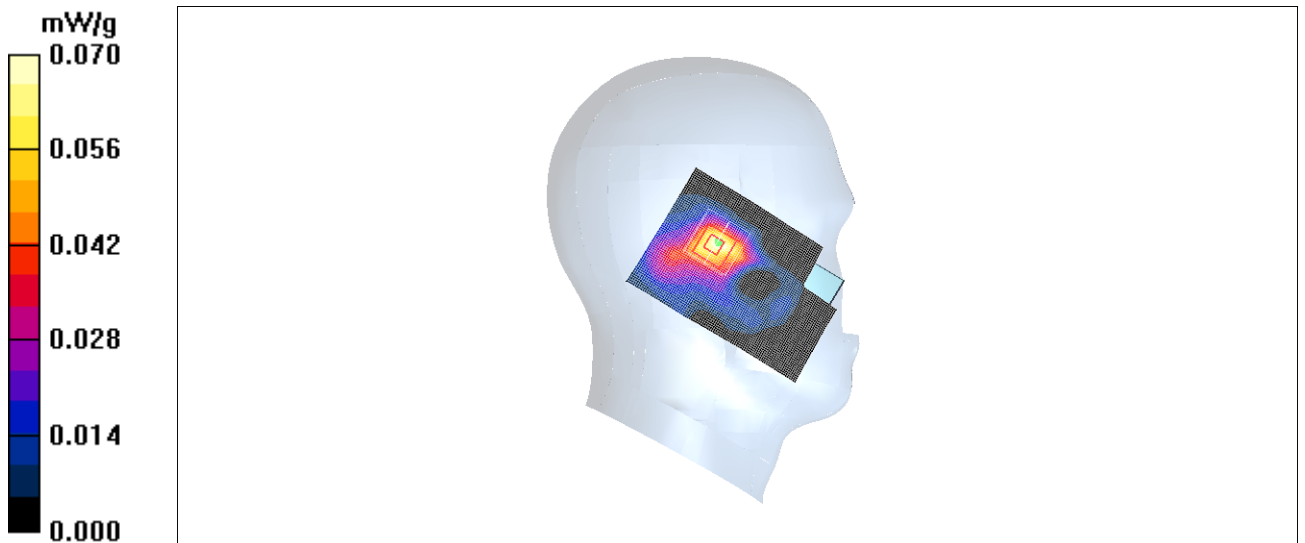
Maximum value of SAR (interpolated) = 0.070 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.55 V/m; Power Drift = -0.120 dB

Peak SAR (extrapolated) = 0.100 W/kg

SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.033 mW/g

Maximum value of SAR (measured) = 0.066 mW/g

Fig.151   802.11b 1Mbps CH11

WiFi 802.11b 1Mbps Left Tilt Channel 11 – Slide down

Date/Time: 2010-7-24 8:57:09

Electronics: DAE4 Sn771

Medium: Head 2450 MHz

Medium parameters used (interpolated): f = 2462 MHz; σ = 1.84 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WLan 2450 Frequency: 2462 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.19, 7.19, 7.19)

Tilt High/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
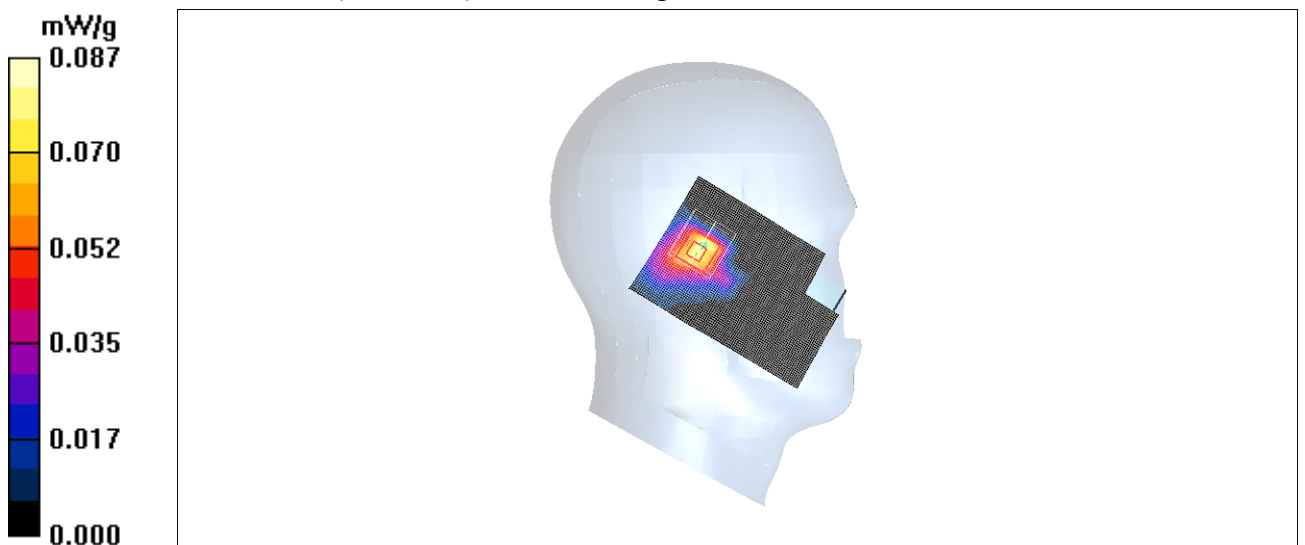
Maximum value of SAR (interpolated) = 0.087 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.36 V/m; Power Drift = -0.126 dB

Peak SAR (extrapolated) = 0.147 W/kg

SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.033 mW/g

Maximum value of SAR (measured) = 0.071 mW/g

Fig.152   802.11b 1Mbps CH11

WiFi 802.11b 1Mbps Right Cheek Channel 11 – Slide down

Date/Time: 2010-7-24 9:14:51

Electronics: DAE4 Sn771

Medium: Head 2450 MHz

Medium parameters used (interpolated): f = 2462 MHz; σ = 1.84 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WLan 2450 Frequency: 2462 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.19, 7.19, 7.19)

Cheek High/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
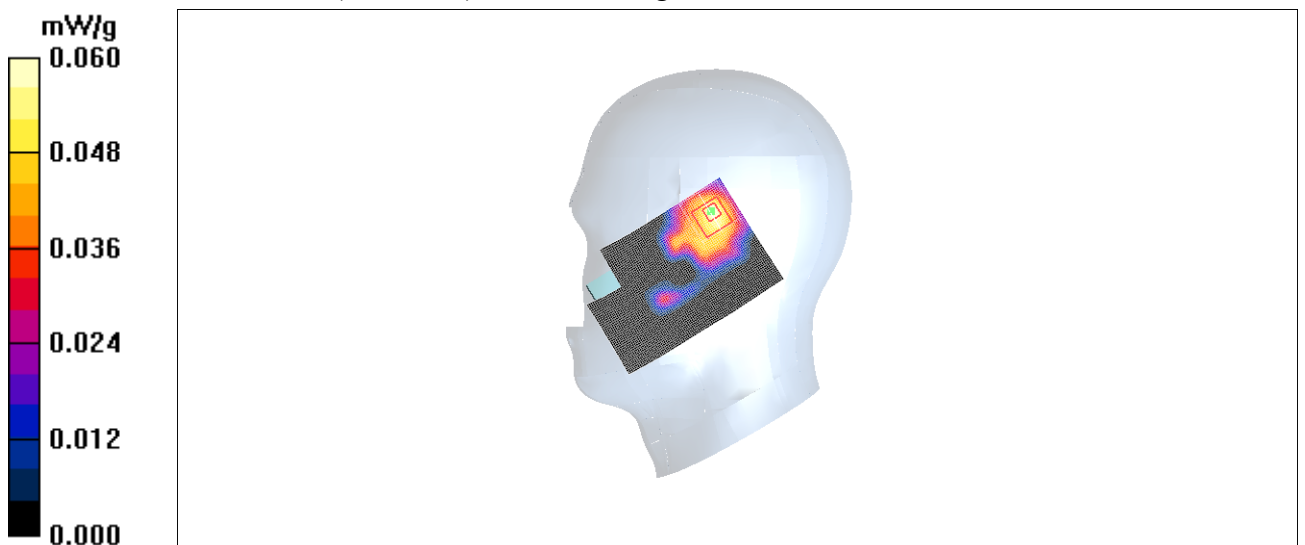
Maximum value of SAR (interpolated) = 0.060 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.31 V/m; Power Drift = 0.183 dB

Peak SAR (extrapolated) = 0.102 W/kg

SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.027 mW/g

Maximum value of SAR (measured) = 0.056 mW/g

Fig.153   802.11b 1Mbps CH11

WiFi 802.11b 1Mbps Right Tilt Channel 11 – Slide down

Date/Time: 2010-7-24 9:31:29

Electronics: DAE4 Sn771

Medium: Head 2450 MHz

Medium parameters used (interpolated): f = 2462 MHz; σ = 1.84 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WLan 2450 Frequency: 2462 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.19, 7.19, 7.19)

Tilt High/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
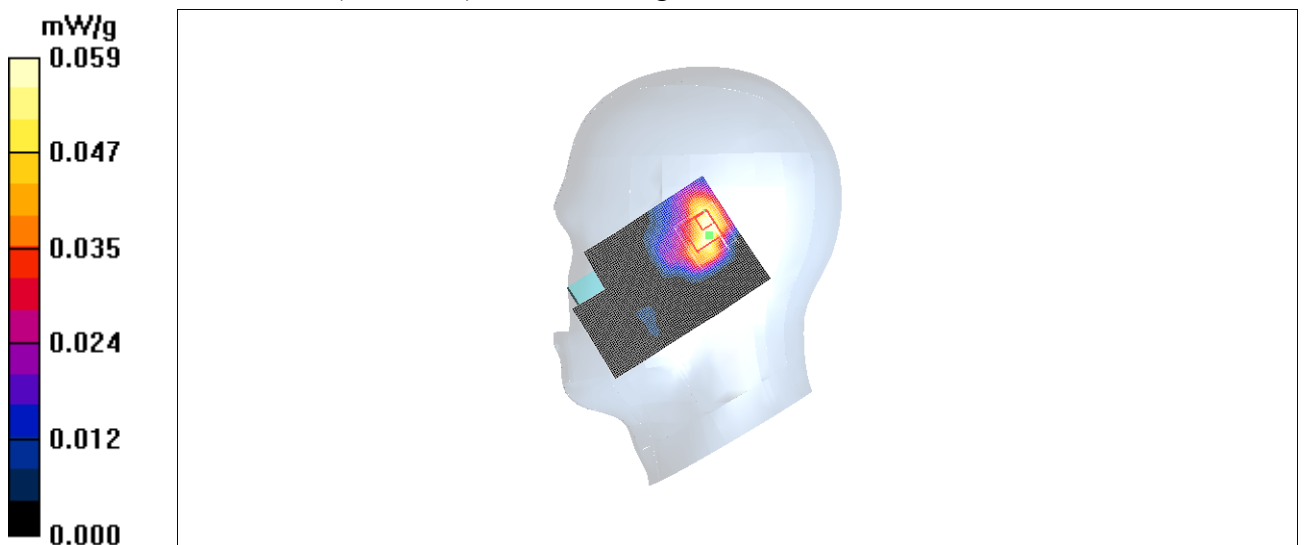
Maximum value of SAR (interpolated) = 0.059 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.23 V/m; Power Drift = -0.084 dB

Peak SAR (extrapolated) = 0.108 W/kg

SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.028 mW/g

Maximum value of SAR (measured) = 0.057 mW/g

Fig.154   802.11b 1Mbps CH11

WiFi 802.11b 1Mbps Left Cheek Channel 11 – Slide up

Date/Time: 2010-7-24 9:48:41

Electronics: DAE4 Sn771

Medium: Head 2450 MHz

Medium parameters used (interpolated): f = 2462 MHz; σ = 1.84 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WLan 2450 Frequency: 2462 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.19, 7.19, 7.19)

Cheek High/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
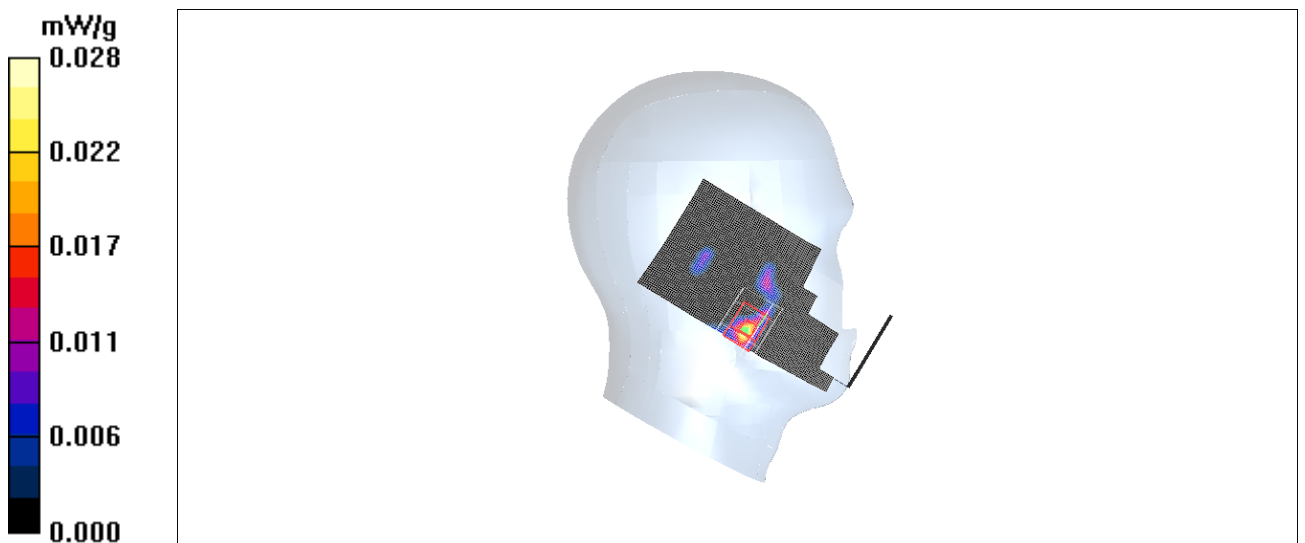
Maximum value of SAR (interpolated) = 0.028 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.10 V/m; Power Drift = 0.095 dB

Peak SAR (extrapolated) = 0.040 W/kg

SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00484 mW/g

Maximum value of SAR (measured) = 0.014 mW/g

Fig.155   802.11b 1Mbps CH11

WiFi 802.11b 1Mbps Left Tilt Channel 11 – Slide up

Date/Time: 2010-7-24 10:05:51

Electronics: DAE4 Sn771

Medium: Head 2450 MHz

Medium parameters used (interpolated): f = 2462 MHz; σ = 1.84 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WLan 2450 Frequency: 2462 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.19, 7.19, 7.19)

Tilt High/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.017 mW/g

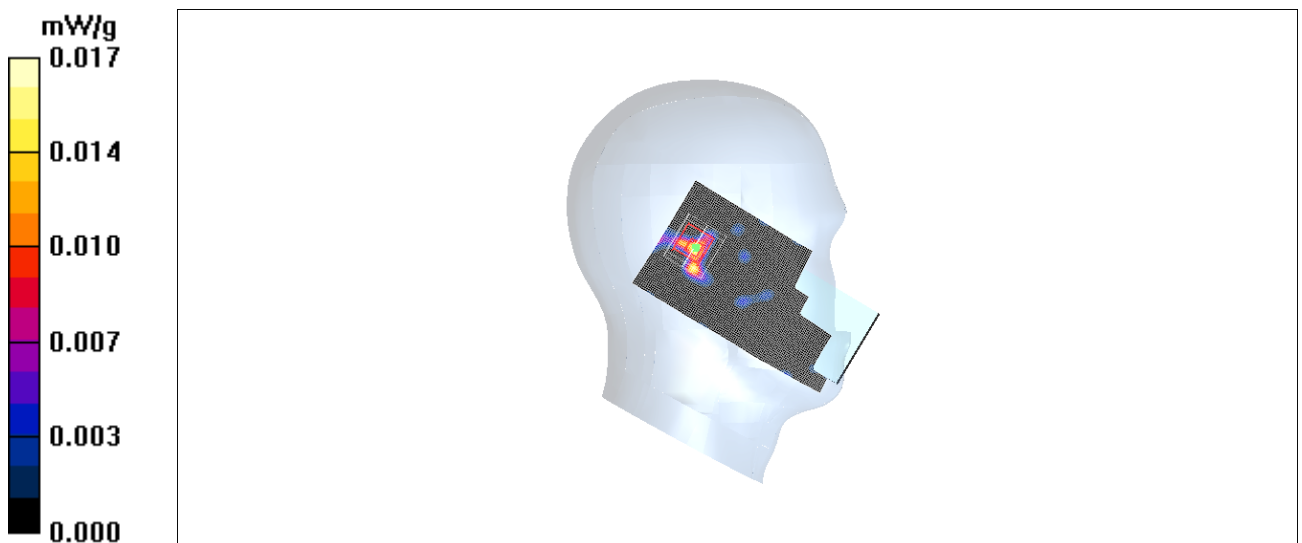### Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.49 V/m; Power Drift = -0.167 dB

Peak SAR (extrapolated) = 0.029 W/kg

SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00677 mW/g

Maximum value of SAR (measured) = 0.017 mW/g

Fig.156   802.11b 1Mbps CH11

WiFi 802.11b 1Mbps Right Cheek Channel 11 – Slide up

Date/Time: 2010-7-24 10:22:30

Electronics: DAE4 Sn771

Medium: Head 2450 MHz

Medium parameters used (interpolated): f = 2462 MHz; σ = 1.84 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WLan 2450 Frequency: 2462 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.19, 7.19, 7.19)

Cheek High/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
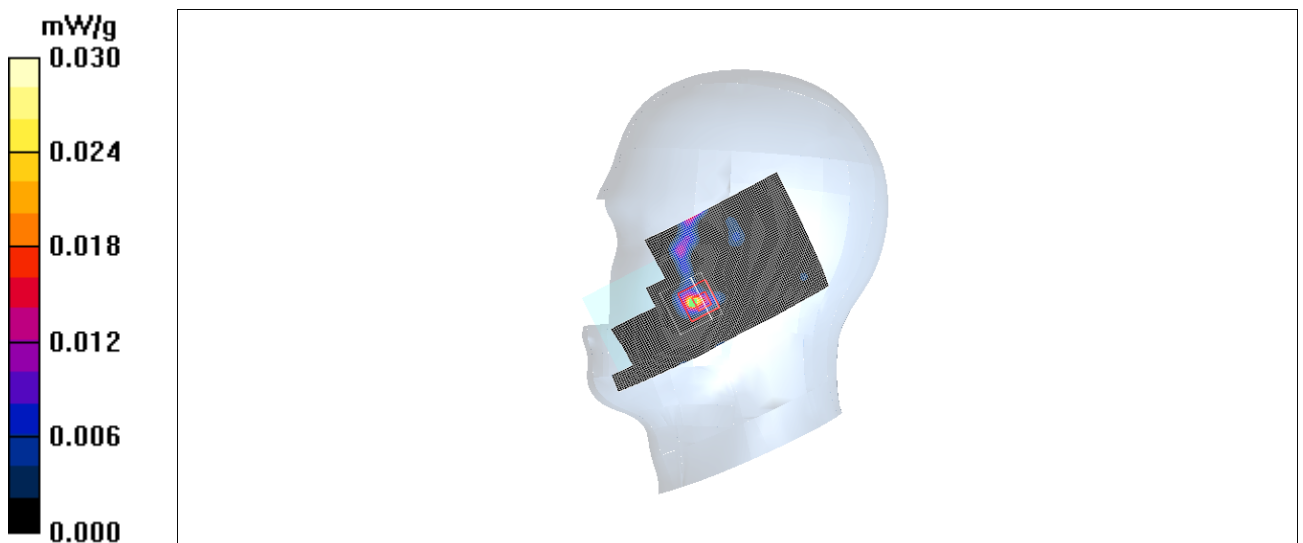
Maximum value of SAR (interpolated) = 0.030 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.812 V/m; Power Drift = 0.148 dB

Peak SAR (extrapolated) = 0.035 W/kg

SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.0049 mW/g

Maximum value of SAR (measured) = 0.013 mW/g

Fig.157   802.11b 1Mbps CH11

WiFi 802.11b 1Mbps Right Tilt Channel 11 – Slide up

Date/Time: 2010-7-24 10:39:42

Electronics: DAE4 Sn771

Medium: Head 2450 MHz

Medium parameters used (interpolated): f = 2462 MHz; σ = 1.84 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WLan 2450 Frequency: 2462 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.19, 7.19, 7.19)

Tilt High/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
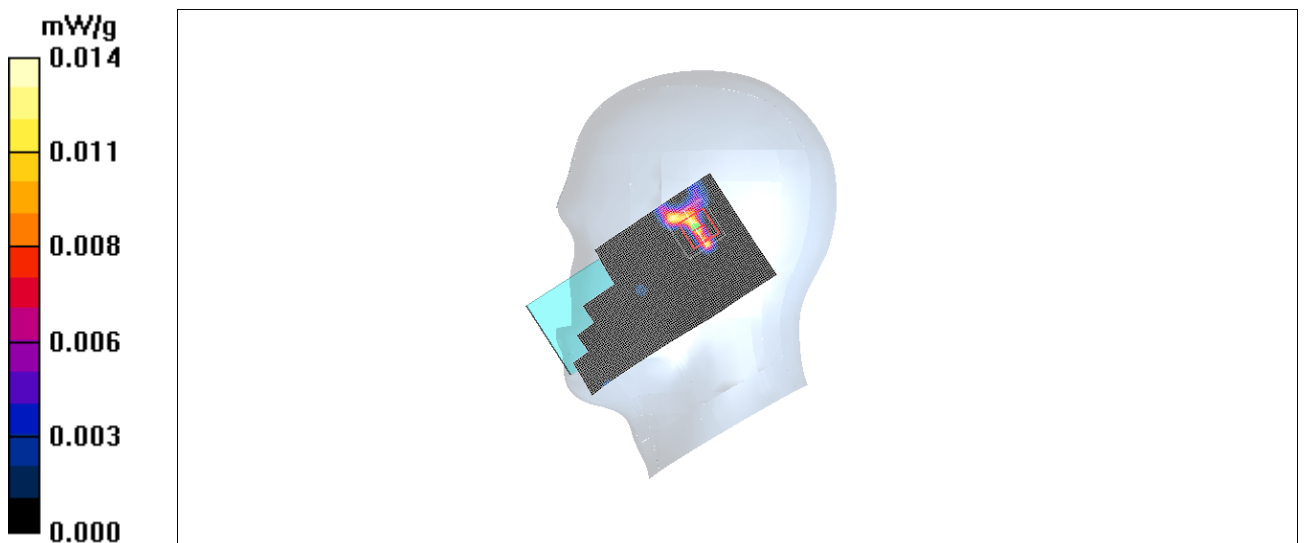
Maximum value of SAR (interpolated) = 0.014 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.64 V/m; Power Drift = 0.195 dB

Peak SAR (extrapolated) = 0.026 W/kg

SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00519 mW/g

Maximum value of SAR (measured) = 0.014 mW/g

Fig.158   802.11b 1Mbps CH11

WiFi 802.11g 6Mbps Left Cheek Channel 6 – Slide down

Date/Time: 2010-7-24 10:56:18

Electronics: DAE4 Sn771

Medium: Head 2450 MHz

Medium parameters used (interpolated): f = 2437 MHz; σ = 1.81 mho/m; $ε_r$ = 39.5; ρ = 1000 kg/m³

Ambient Temperature:23.0oC   Liquid Temperature: 22.5ºC

Communication System: WLan 2450 Frequency: 2437 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.19, 7.19, 7.19)

Cheek Middle/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
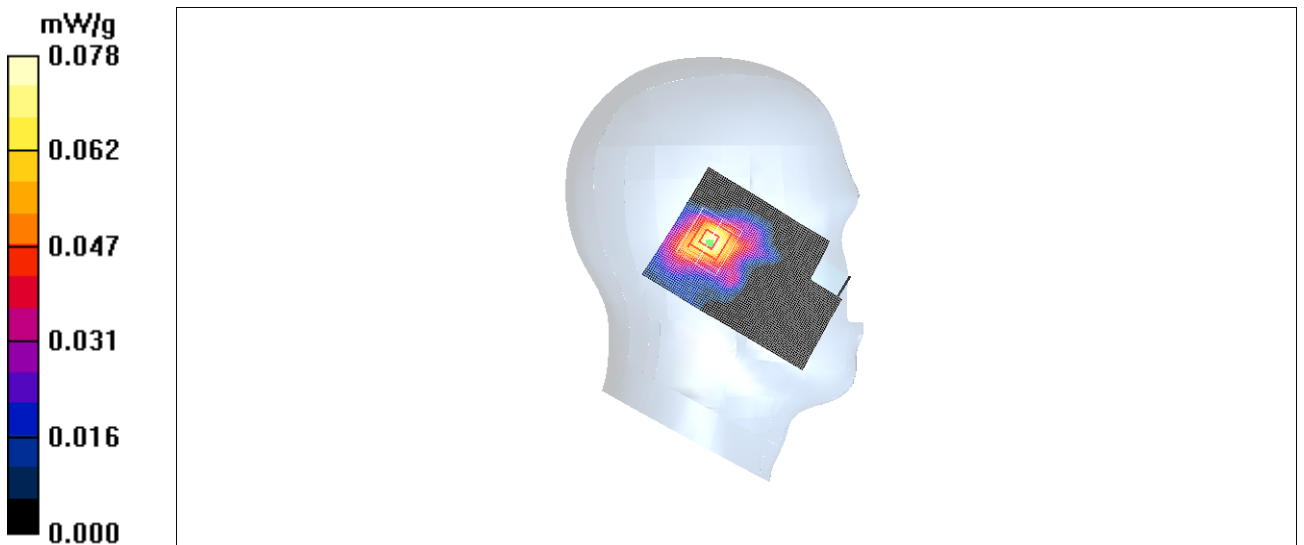
Maximum value of SAR (interpolated) = 0.078 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.24 V/m; Power Drift = 0.072 dB

Peak SAR (extrapolated) = 0.128 W/kg

SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.039 mW/g

Maximum value of SAR (measured) = 0.079 mW/g

Fig.159   802.11g 6Mbps CH6

WiFi 802.11g 6Mbps Left Tilt Channel 6 – Slide down

Date/Time: 2010-7-24 11:13:31

Electronics: DAE4 Sn771

Medium: Head 2450 MHz

Medium parameters used (interpolated): f = 2437 MHz; σ = 1.81 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WLan 2450 Frequency: 2437 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.19, 7.19, 7.19)

Tilt Middle/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
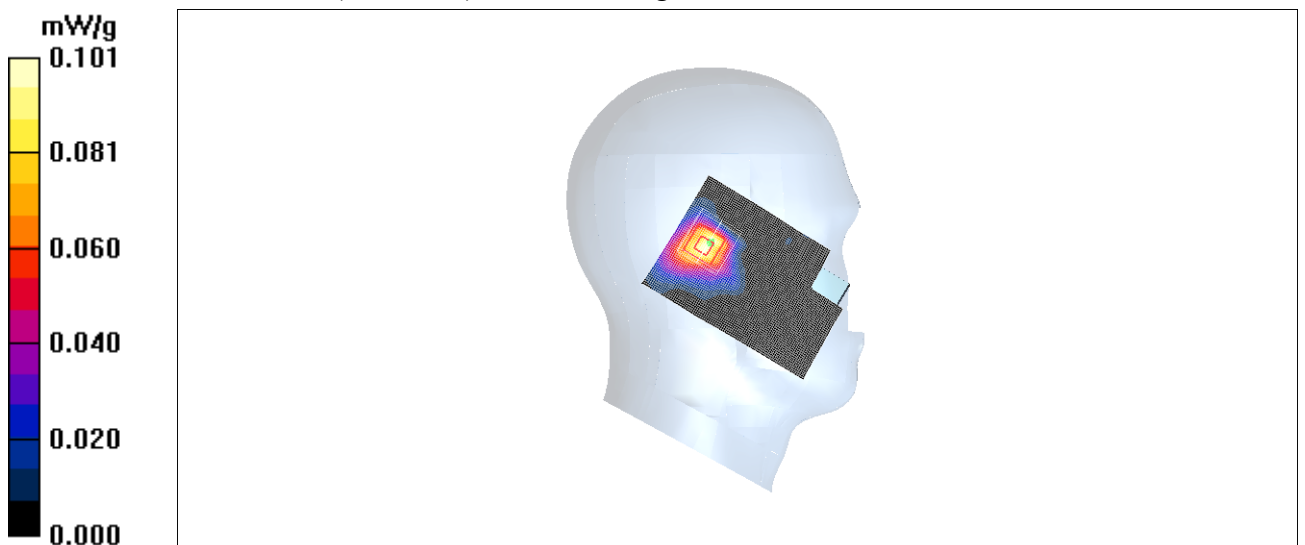
Maximum value of SAR (interpolated) = 0.101 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

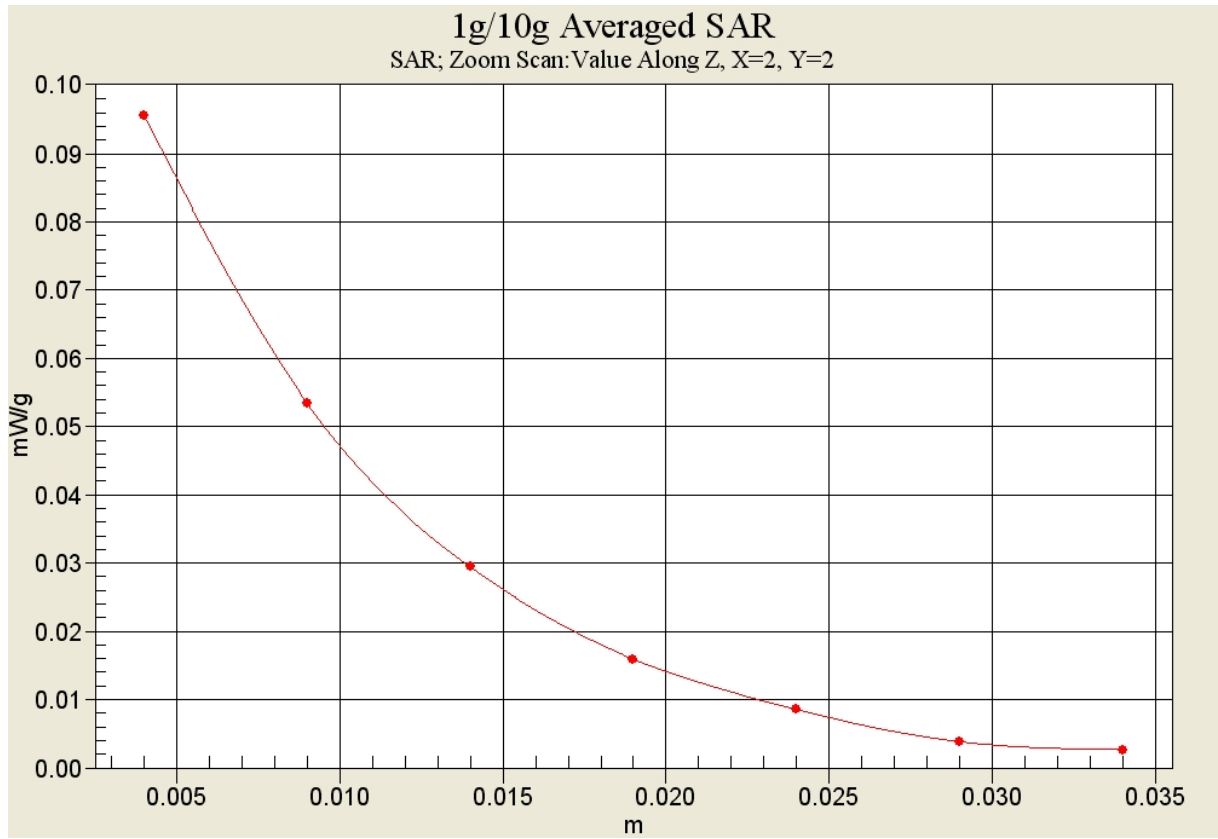Reference Value = 7.52 V/m; Power Drift = 0.180 dB

Peak SAR (extrapolated) = 0.161 W/kg

SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.045 mW/g

Maximum value of SAR (measured) = 0.096 mW/g

Fig.160   802.11g 6Mbps CH6

Fig. 160-1　Z-Scan at power reference point (802.11g 6Mbps CH6)

WiFi 802.11g 6Mbps Right Cheek Channel 6 – Slide down

Date/Time: 2010-7-24 11:30:34

Electronics: DAE4 Sn771

Medium: Head 2450 MHz

Medium parameters used (interpolated): f = 2462 MHz; σ = 1.84 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WLan 2450 Frequency: 2462 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.19, 7.19, 7.19)

Cheek Middle/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

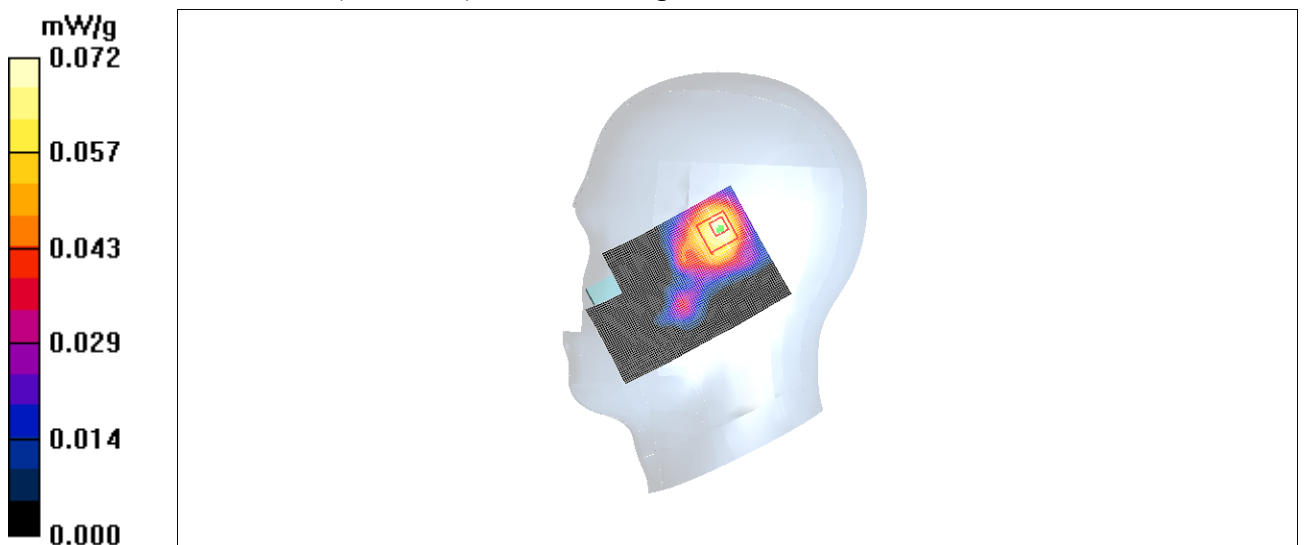Maximum value of SAR (interpolated) = 0.074 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.97 V/m; Power Drift = -0.183 dB

Peak SAR (extrapolated) = 0.143 W/kg

SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.036 mW/g

Maximum value of SAR (measured) = 0.072 mW/g

Fig.161   802.11g 6Mbps CH6

WiFi 802.11g 6Mbps Right Tilt Channel 6 – Slide down

Date/Time: 2010-7-24 11:47:45

Electronics: DAE4 Sn771

Medium: Head 2450 MHz

Medium parameters used (interpolated): f = 2437 MHz; σ = 1.81 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WLan 2450 Frequency: 2437 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.19, 7.19, 7.19)

Tilt Middle/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
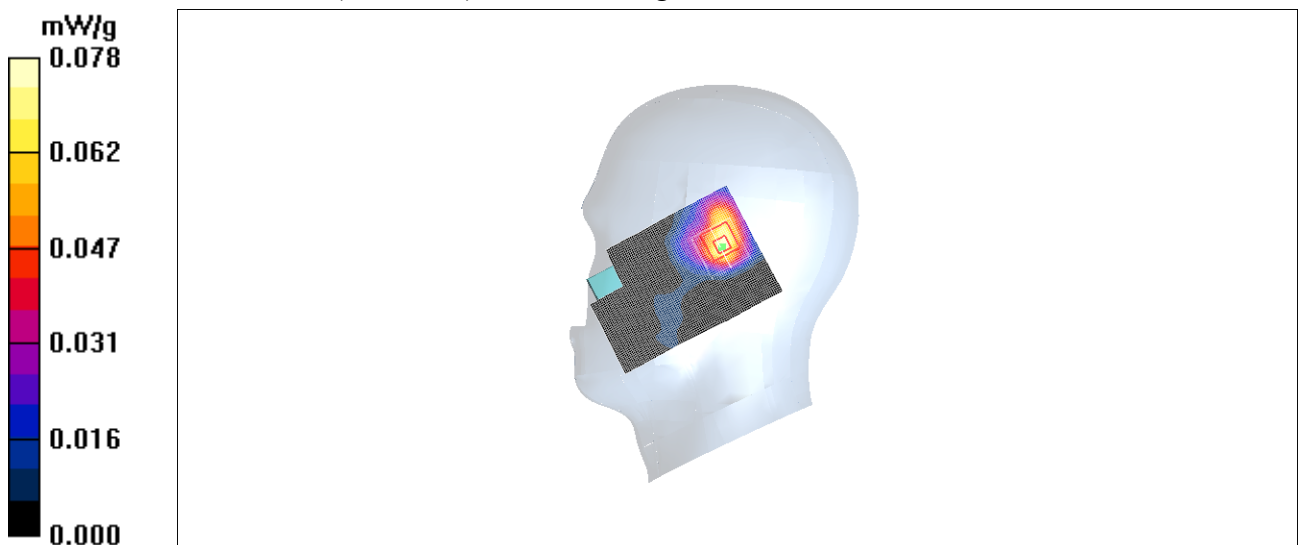
Maximum value of SAR (interpolated) = 0.078 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.98 V/m; Power Drift = -0.106 dB

Peak SAR (extrapolated) = 0.124 W/kg

SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.035 mW/g

Maximum value of SAR (measured) = 0.073 mW/g

Fig.162   802.11g 6Mbps CH6

WiFi 802.11g 36Mbps Left Cheek Channel 11 – Slide down

Date/Time: 2010-7-24 12:05:47

Electronics: DAE4 Sn771

Medium: Head 2450 MHz

Medium parameters used (interpolated): f = 2462 MHz; σ = 1.84 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WLan 2450 Frequency: 2462 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.19, 7.19, 7.19)

Tilt   High/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

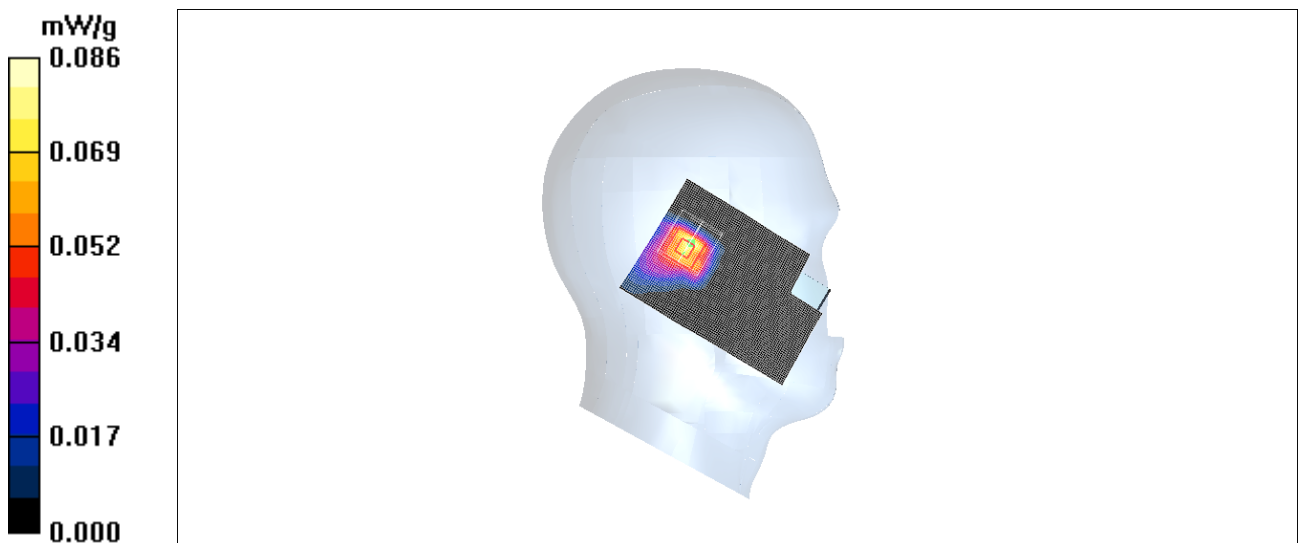Maximum value of SAR (interpolated) = 0.086 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.49 V/m; Power Drift = 0.138 dB

Peak SAR (extrapolated) = 0.113 W/kg

SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.031 mW/g

Maximum value of SAR (measured) = 0.072 mW/g

Fig.163   802.11g 36Mbps CH11

WiFi 802.11g 36Mbps Left Tilt Channel 11 – Slide down

Date/Time: 2010-7-24 12:22:54

Electronics: DAE4 Sn771

Medium: Head 2450 MHz

Medium parameters used (interpolated): f = 2462 MHz; σ = 1.84 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WLan 2450 Frequency: 2462 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.19, 7.19, 7.19)

Cheek High/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
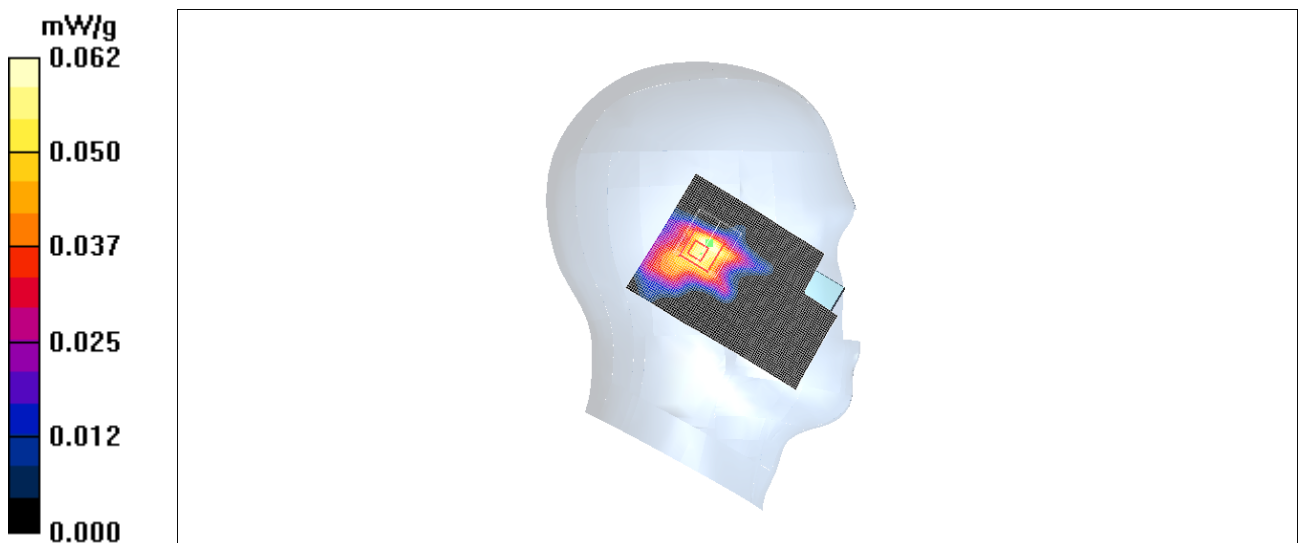
Maximum value of SAR (interpolated) = 0.062 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.23 V/m; Power Drift = 0.180 dB

Peak SAR (extrapolated) = 0.096 W/kg

SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.028 mW/g

Maximum value of SAR (measured) = 0.060 mW/g

Fig.164   802.11g 36Mbps CH11

WiFi 802.11g 36Mbps Right Cheek Channel 11 – Slide down

Date/Time: 2010-7-24 12:40:23

Electronics: DAE4 Sn771

Medium: Head 2450 MHz

Medium parameters used (interpolated): f = 2462 MHz; σ = 1.84 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WLan 2450 Frequency: 2462 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.19, 7.19, 7.19)

Cheek High/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
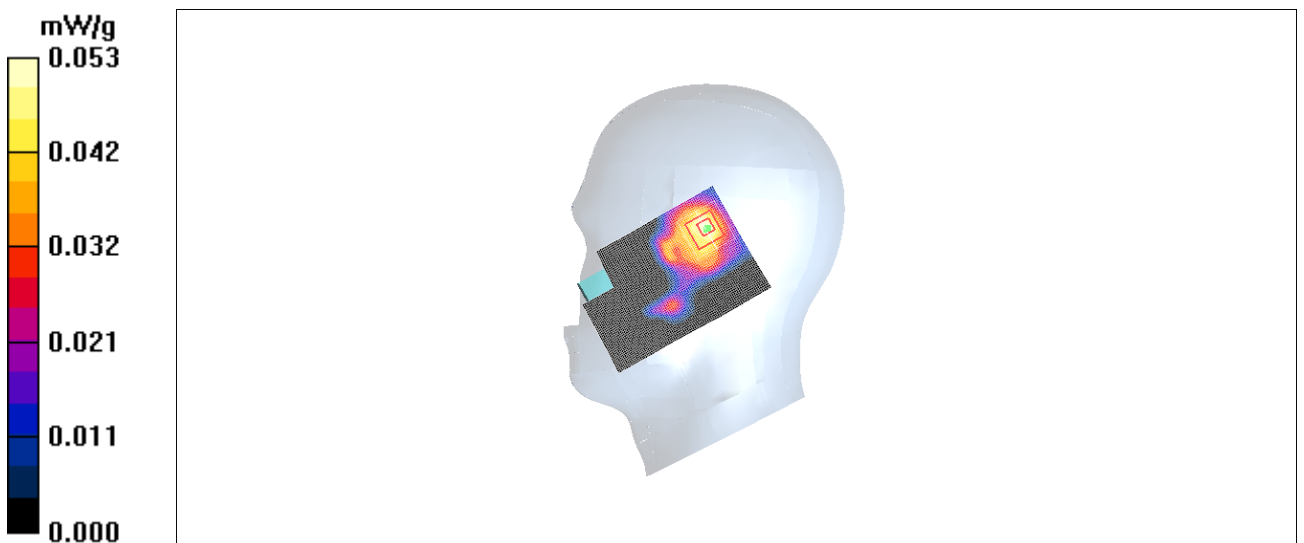
Maximum value of SAR (interpolated) = 0.053 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.54 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 0.107 W/kg

SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.054 mW/g

Fig.165   802.11g 36Mbps CH11

WiFi 802.11g 36Mbps Right Tilt Channel 11 – Slide down

Date/Time: 2010-7-24 12:57:38

Electronics: DAE4 Sn771

Medium: Head 2450 MHz

Medium parameters used (interpolated): f = 2462 MHz; σ = 1.84 mho/m; $ε_r$ = 39.4; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WLan 2450 Frequency: 2462 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.19, 7.19, 7.19)

Tilt High/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

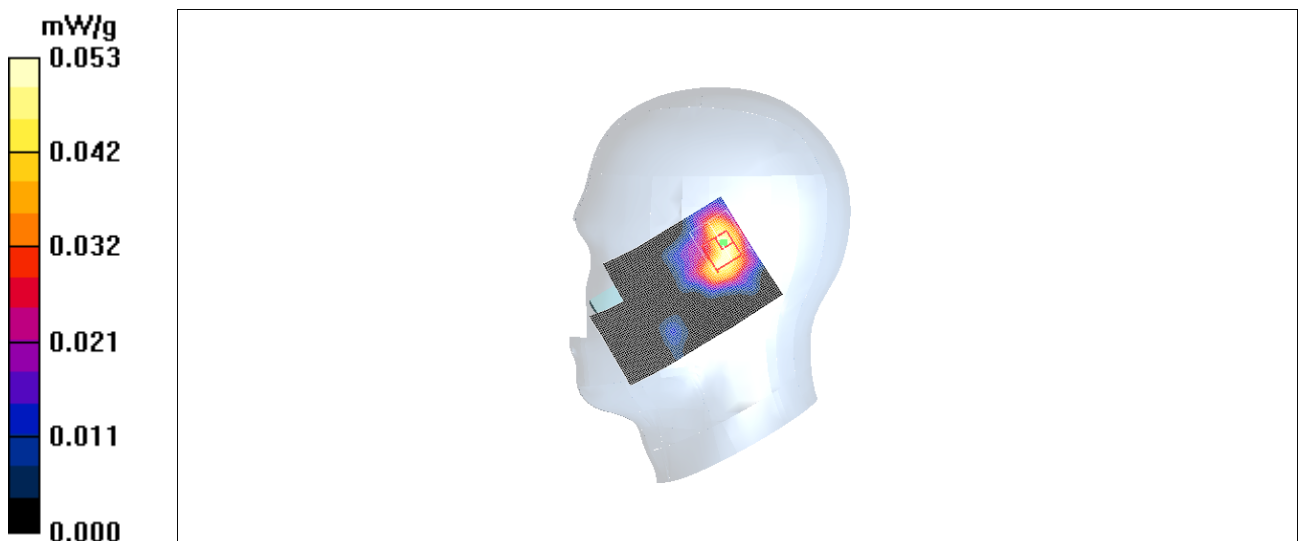Maximum value of SAR (interpolated) = 0.053 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.34 V/m; Power Drift = 0.143 dB

Peak SAR (extrapolated) = 0.116 W/kg

SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.055 mW/g

Fig.166   802.11g 36Mbps CH11

WiFi 802.11g 6Mbps Left Cheek Channel 6 – Slide up

Date/Time: 2010-7-24 13:15:51

Electronics: DAE4 Sn771

Medium: Head 2450 MHz

Medium parameters used (interpolated): f = 2437 MHz; σ = 1.81 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WLan 2450 Frequency: 2437 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.19, 7.19, 7.19)

Cheek Middle/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
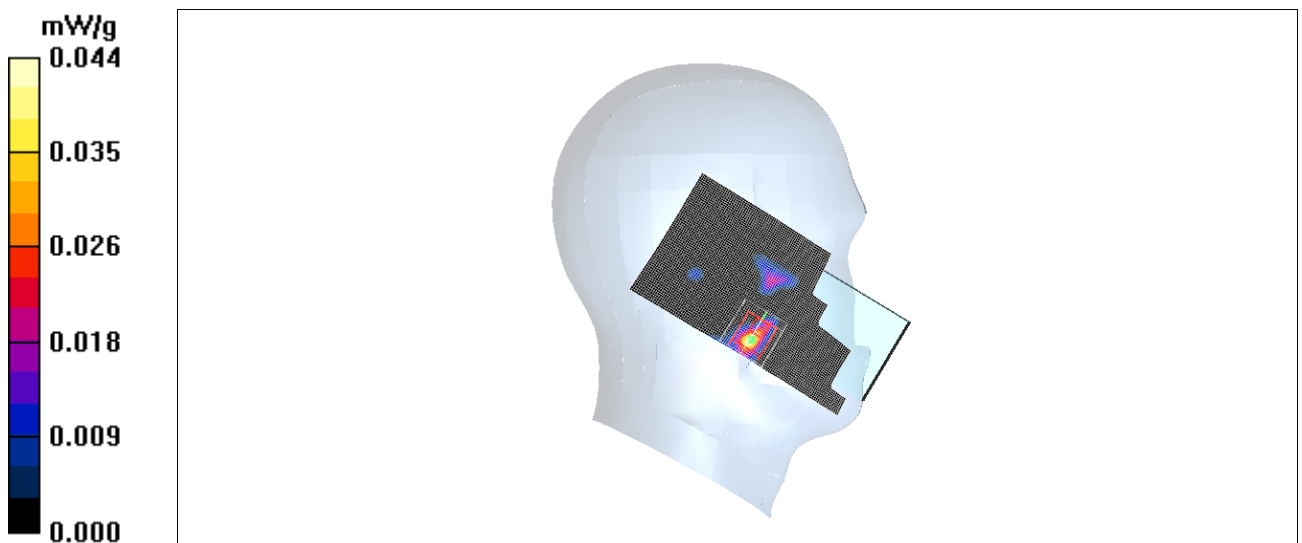
Maximum value of SAR (interpolated) = 0.044 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.01 V/m; Power Drift = 0.114 dB

Peak SAR (extrapolated) = 0.036 W/kg

SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.00768 mW/g

Maximum value of SAR (measured) = 0.020 mW/g

Fig.167   802.11g 6Mbps CH6

WiFi 802.11g 6Mbps Left Tilt Channel 6 – Slide up

Date/Time: 2010-7-24 13:32:02

Electronics: DAE4 Sn771

Medium: Head 2450 MHz

Medium parameters used (interpolated): f = 2437 MHz; σ = 1.81 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC　　　Liquid Temperature: 22.5^{o}C

Communication System: WLan 2450 Frequency: 2437 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.19, 7.19, 7.19)

Tilt Middle/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

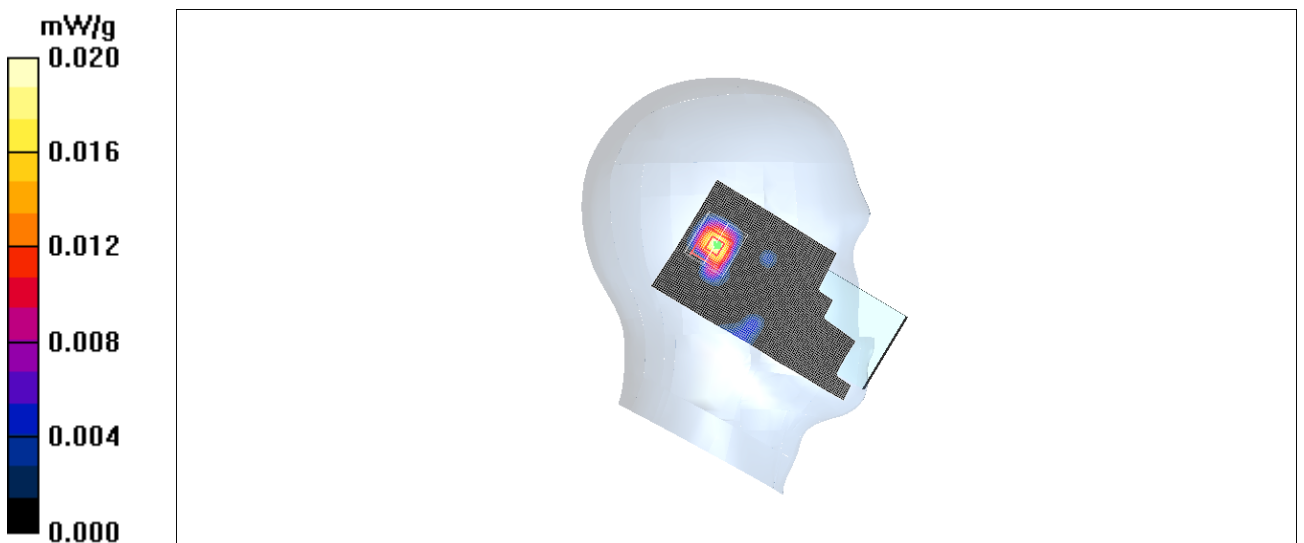Maximum value of SAR (interpolated) = 0.020 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.22 V/m; Power Drift = 0.197 dB

Peak SAR (extrapolated) = 0.040 W/kg

SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00698 mW/g

Maximum value of SAR (measured) = 0.019 mW/g

Fig.168　802.11g 6Mbps CH6

WiFi 802.11g 6Mbps Right Cheek Channel 6 – Slide up

Date/Time: 2010-7-24 13:49:44

Electronics: DAE4 Sn771

Medium: Head 2450 MHz

Medium parameters used (interpolated): f = 2437 MHz; σ = 1.81 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WLan 2450 Frequency: 2437 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.19, 7.19, 7.19)

Cheek Middle/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

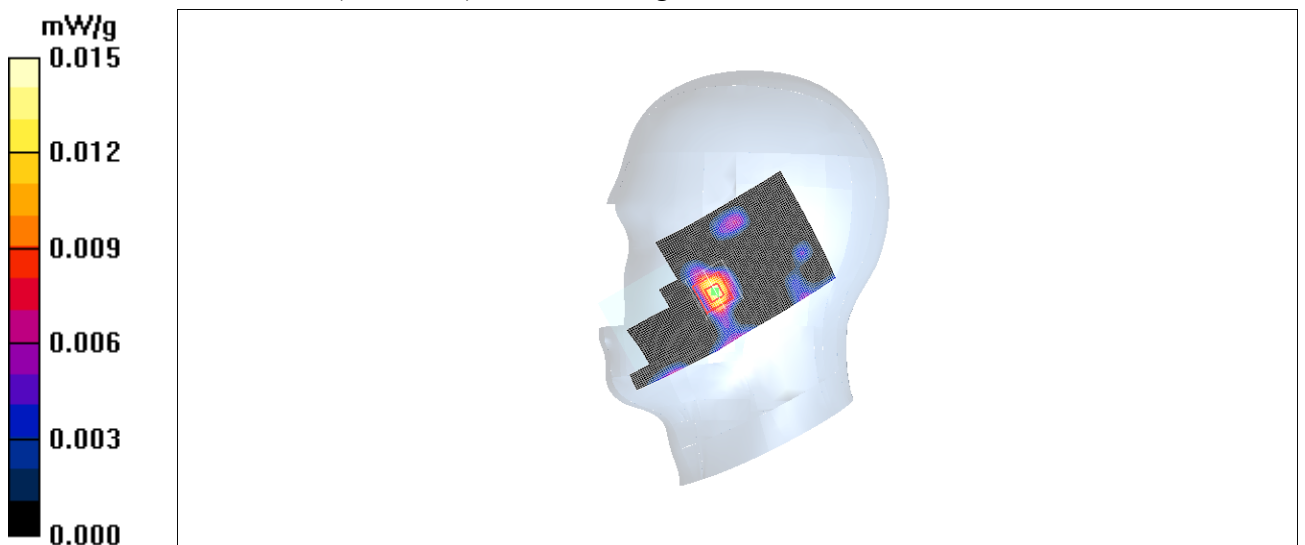Maximum value of SAR (interpolated) = 0.015 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.08 V/m; Power Drift = 0.138 dB

Peak SAR (extrapolated) = 0.031 W/kg

SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00725 mW/g

Maximum value of SAR (measured) = 0.014 mW/g

Fig.169   802.11g 6Mbps CH6

WiFi 802.11g 6Mbps Right Tilt Channel 6 – Slide up

Date/Time: 2010-7-24 14:06:30

Electronics: DAE4 Sn771

Medium: Head 2450 MHz

Medium parameters used (interpolated): f = 2437 MHz; σ = 1.81 mho/m; ε_r = 39.5; ρ = 1000 kg/m³

Ambient Temperature:23.0oC   Liquid Temperature: 22.5°C

Communication System: WLan 2450 Frequency: 2437 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.19, 7.19, 7.19)

Tilt Middle/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

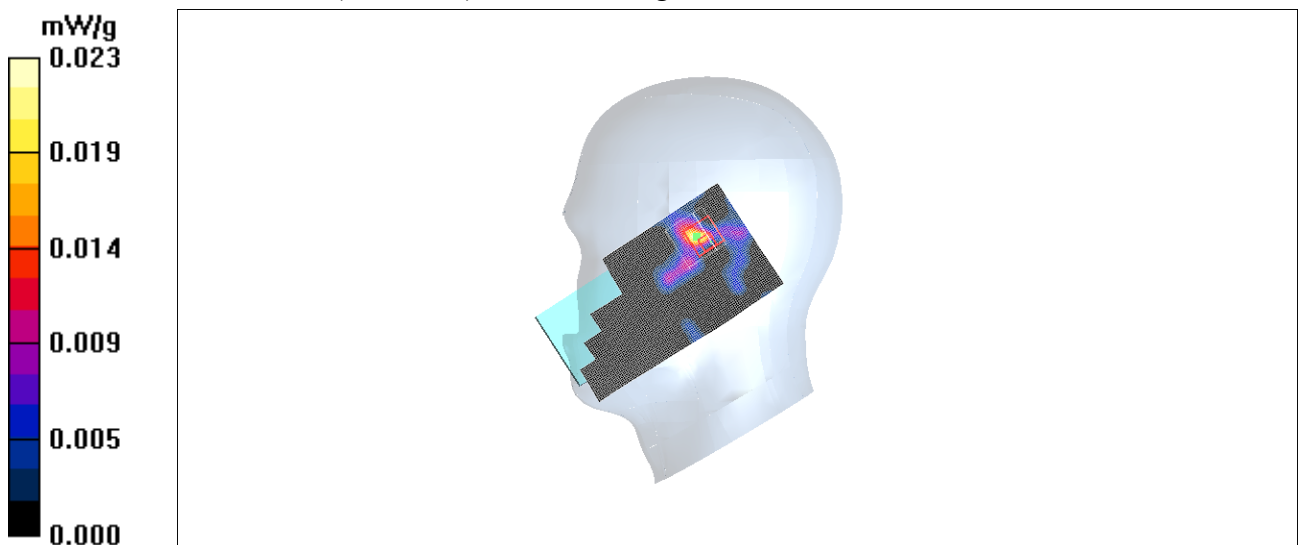Maximum value of SAR (interpolated) = 0.023 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.73 V/m; Power Drift = 0.196 dB

Peak SAR (extrapolated) = 0.036 W/kg

SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00533 mW/g

Maximum value of SAR (measured) = 0.017 mW/g

Fig.170   802.11g 6Mbps CH6

WiFi 802.11g 36Mbps Left Cheek Channel 11 – Slide up

Date/Time: 2010-7-24 14:23:16

Electronics: DAE4 Sn771

Medium: Head 2450 MHz

Medium parameters used (interpolated): f = 2462 MHz; σ = 1.84 mho/m; $ε_r$ = 39.4; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WLan 2450 Frequency: 2462 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.19, 7.19, 7.19)

Cheek High/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

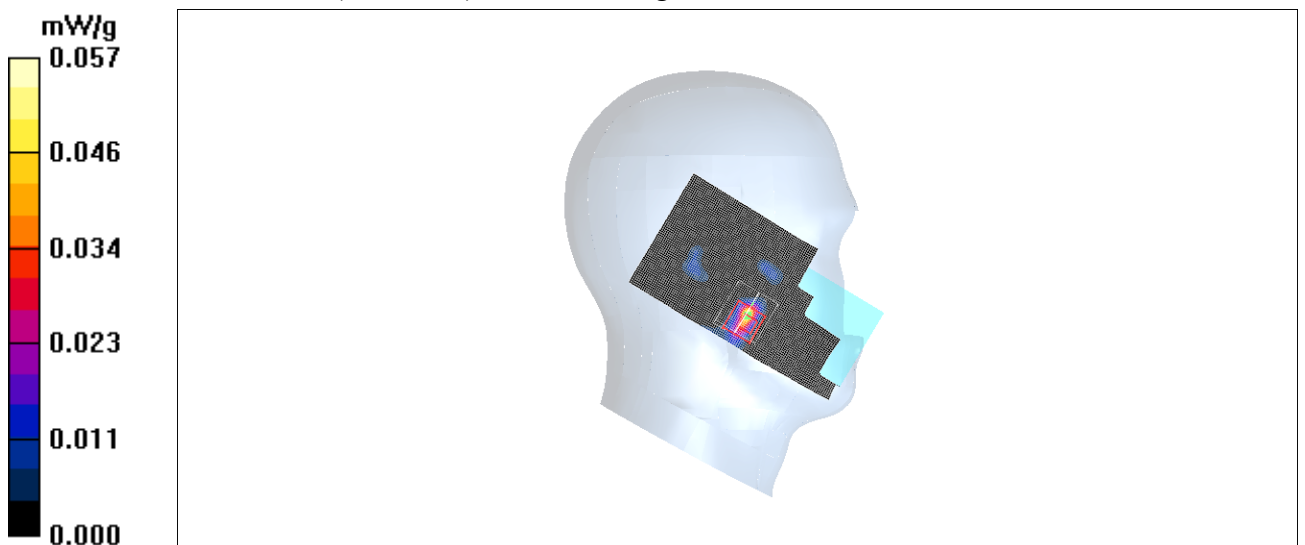Maximum value of SAR (interpolated) = 0.057 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.12 V/m; Power Drift = -0.116 dB

Peak SAR (extrapolated) = 0.071 W/kg

SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00517 mW/g

Maximum value of SAR (measured) = 0.013 mW/g

Fig.171   802.11g 36Mbps CH11

WiFi 802.11g 36Mbps Left Tilt Channel 11 – Slide up
Date/Time: 2010-7-24 14:40:12
Electronics: DAE4 Sn771
Medium: Head 2450 MHz
Medium parameters used (interpolated): f = 2462 MHz; σ = 1.84 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3
Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C
Communication System: WLan 2450 Frequency: 2462 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN3617 ConvF(7.19, 7.19, 7.19)

Tilt High/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
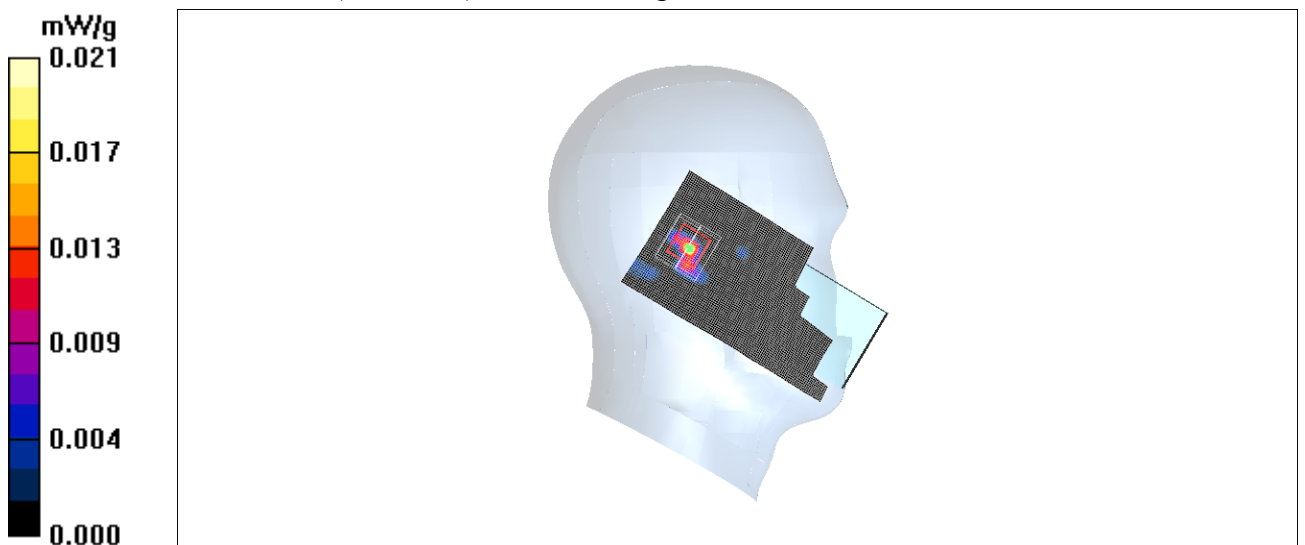Maximum value of SAR (interpolated) = 0.021 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.16 V/m; Power Drift = -0.017 dB
Peak SAR (extrapolated) = 0.036 W/kg
SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00627 mW/g

Maximum value of SAR (measured) = 0.019 mW/g

Fig.172   802.11g 36Mbps CH11

WiFi 802.11g 36Mbps Right Cheek Channel 11 – Slide up

Date/Time: 2010-7-24 14:57:07

Electronics: DAE4 Sn771

Medium: Head 2450 MHz

Medium parameters used (interpolated): f = 2462 MHz; σ = 1.84 mho/m; ε_r = 39.4; ρ = 1000 kg/m³

Ambient Temperature:23.0oC   Liquid Temperature: 22.5°C

Communication System: WLan 2450 Frequency: 2462 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.19, 7.19, 7.19)

Cheek High/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

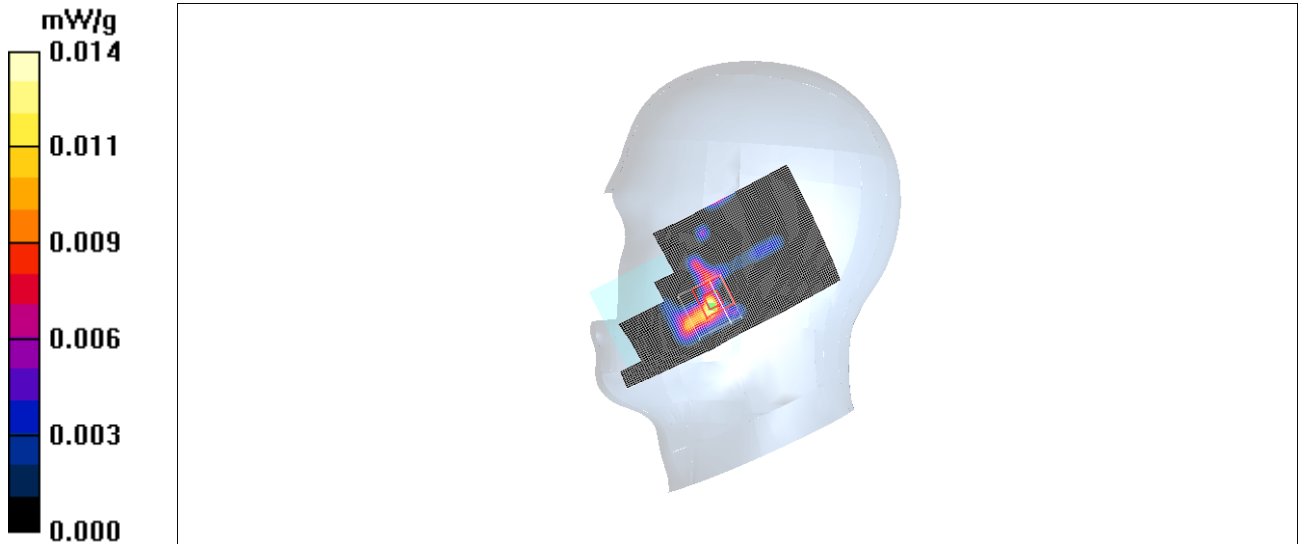Maximum value of SAR (interpolated) = 0.014 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.850 V/m; Power Drift = 0.163 dB

Peak SAR (extrapolated) = 0.046 W/kg

SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00337 mW/g

Maximum value of SAR (measured) = 0.011 mW/g

Fig.173   802.11g 36Mbps CH11

WiFi 802.11g 36Mbps Right Tilt Channel 11 – Slide up

Date/Time: 2010-7-24 15:15:16

Electronics: DAE4 Sn771

Medium: Head 2450 MHz

Medium parameters used (interpolated): f = 2462 MHz; σ = 1.84 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WLan 2450 Frequency: 2462 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.19, 7.19, 7.19)

Tilt High/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
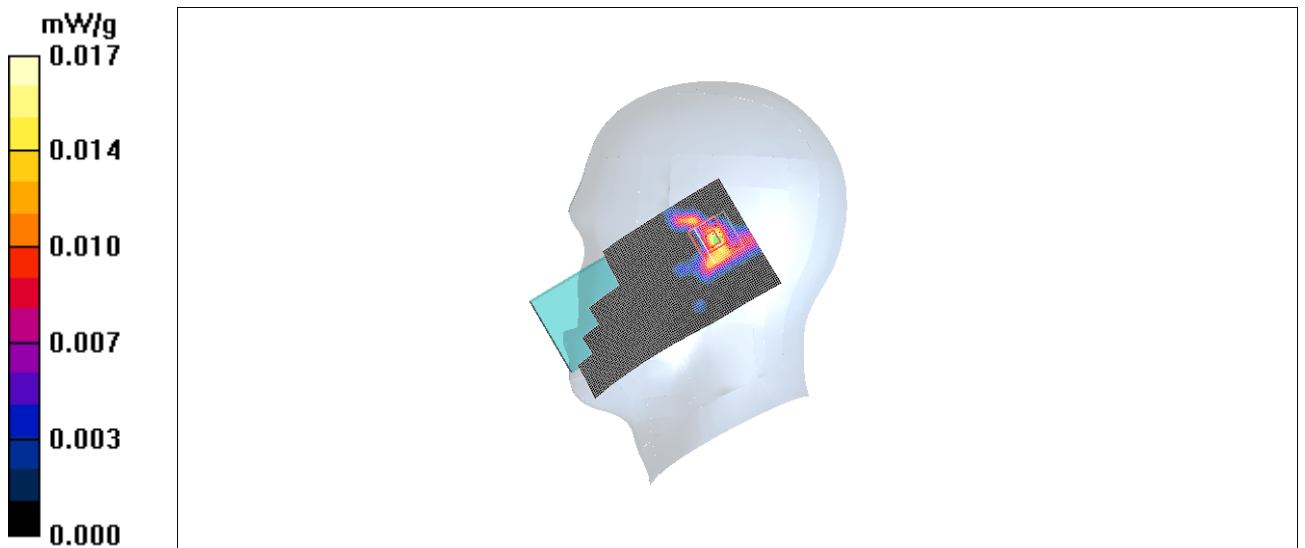
Maximum value of SAR (interpolated) = 0.017 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.55 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 0.024 W/kg

SAR(1 g) = 0.010 mW/g; SAR(10 g) = 0.00445 mW/g

Maximum value of SAR (measured) = 0.012 mW/g

Fig.174   802.11g 36Mbps CH11

WiFi 802.11b 1Mbps Toward Phantom Channel 11 – Slide down

Date/Time: 2010-7-24 15:32:42

Electronics: DAE4 Sn771

Medium: Body 2450 MHz

Medium parameters used (interpolated): f = 2462 MHz; σ = 1.99 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WLan 2450 Frequency: 2462 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.19, 7.19, 7.19)

Toward Phantom High/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

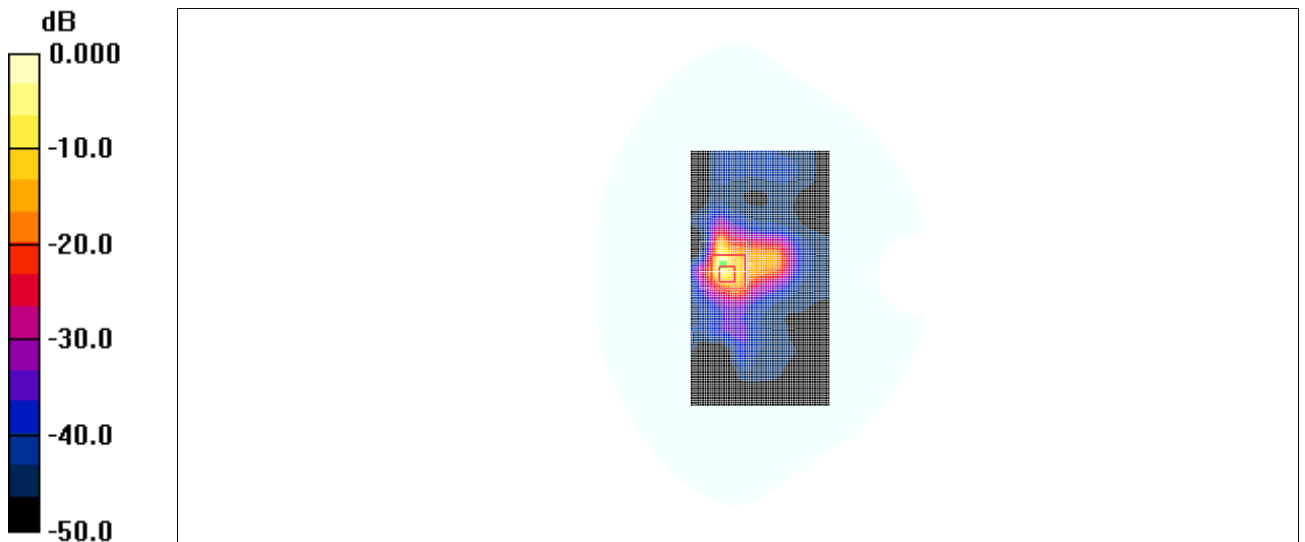Maximum value of SAR (interpolated) = 0.030 mW/g

Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.56 V/m; Power Drift = 0.104 dB

Peak SAR (extrapolated) = 0.061 W/kg

SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.012 mW/g

Maximum value of SAR (measured) = 0.026 mW/g

0 dB = 0.026mW/g

Fig.175   802.11b 1Mbps CH11

WiFi 802.11b 1Mbps Toward Ground Channel 11 – Slide down

Date/Time: 2010-7-24 15:49:54

Electronics: DAE4 Sn771

Medium: Body 2450 MHz

Medium parameters used (interpolated): f = 2462 MHz; σ = 1.99 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WLan 2450 Frequency: 2462 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.19, 7.19, 7.19)

Toward Ground High/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

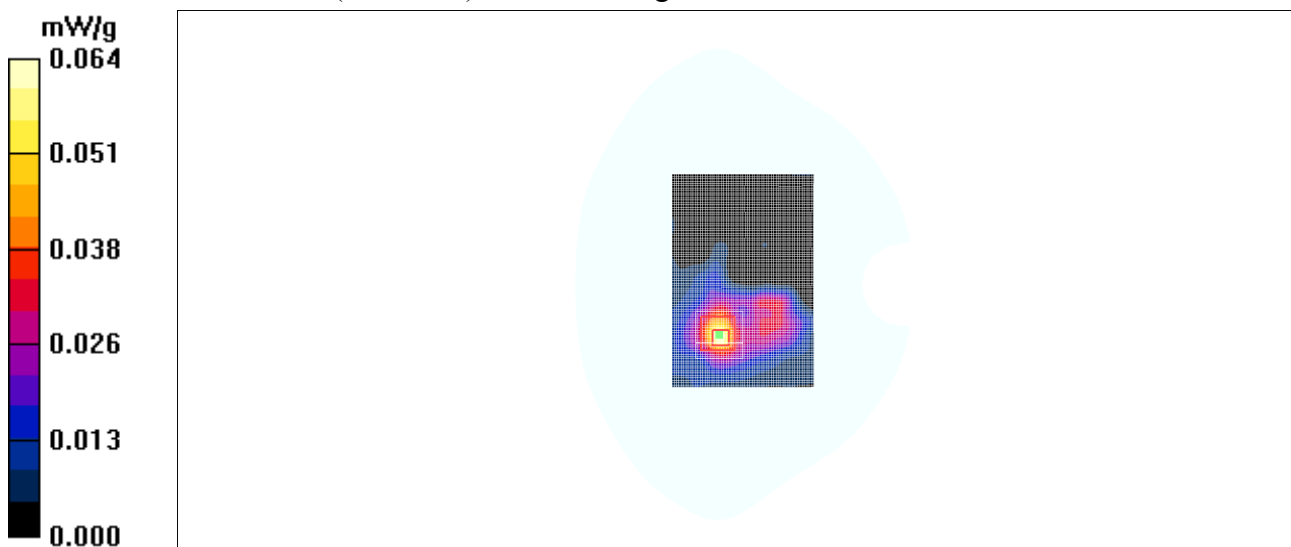Maximum value of SAR (interpolated) = 0.064 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.56 V/m; Power Drift = -0.187 dB

Peak SAR (extrapolated) = 0.089 W/kg

SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.024 mW/g

Maximum value of SAR (measured) = 0.059 mW/g

Fig.176   802.11b 1Mbps CH11

WiFi 802.11b 1Mbps Toward Phantom Channel 11 – Slide up

Date/Time: 2010-7-24 16:06:57

Electronics: DAE4 Sn771

Medium: Body 2450 MHz

Medium parameters used (interpolated): f = 2462 MHz; σ = 1.99 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WLan 2450 Frequency: 2462 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.19, 7.19, 7.19)

Toward Phantom High/Area Scan (71x121x1): Measurement grid: dx=10mm, dy=10mm

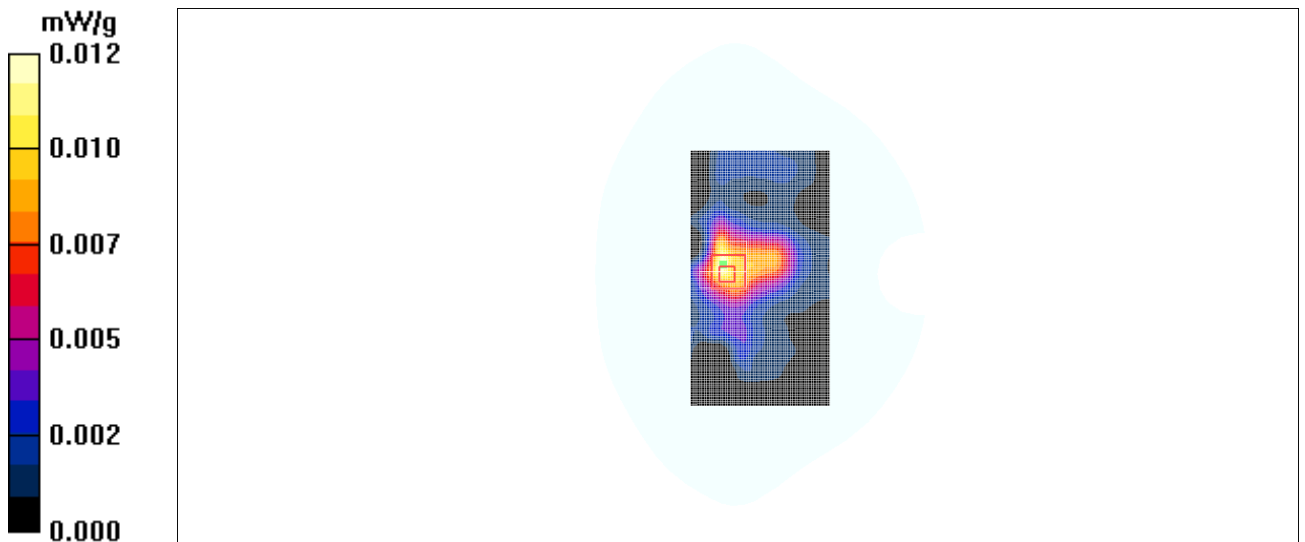Maximum value of SAR (interpolated) = 0.012 mW/g

Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.62 V/m; Power Drift = -0.158 dB

Peak SAR (extrapolated) = 0.021 W/kg

SAR(1 g) = 0.00676 mW/g; SAR(10 g) = 0.00317 mW/g

Maximum value of SAR (measured) = 0.008 mW/g

Fig.177   802.11b 1Mbps CH11

WiFi 802.11b 1Mbps Toward Ground Channel 11 – Slide up

Date/Time: 2010-7-23 14:07:05

Electronics: DAE4 Sn771

Medium: Body 2450 MHz

Medium parameters used (interpolated): f = 2462 MHz; σ = 1.99 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WLan 2450 Frequency: 2462 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.19, 7.19, 7.19)

Toward Gound High/Area Scan (71x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.057 mW/g

Toward Gound High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.38 V/m; Power Drift = 0.125 dB

Peak SAR (extrapolated) = 0.104 W/kg

SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.024 mW/g
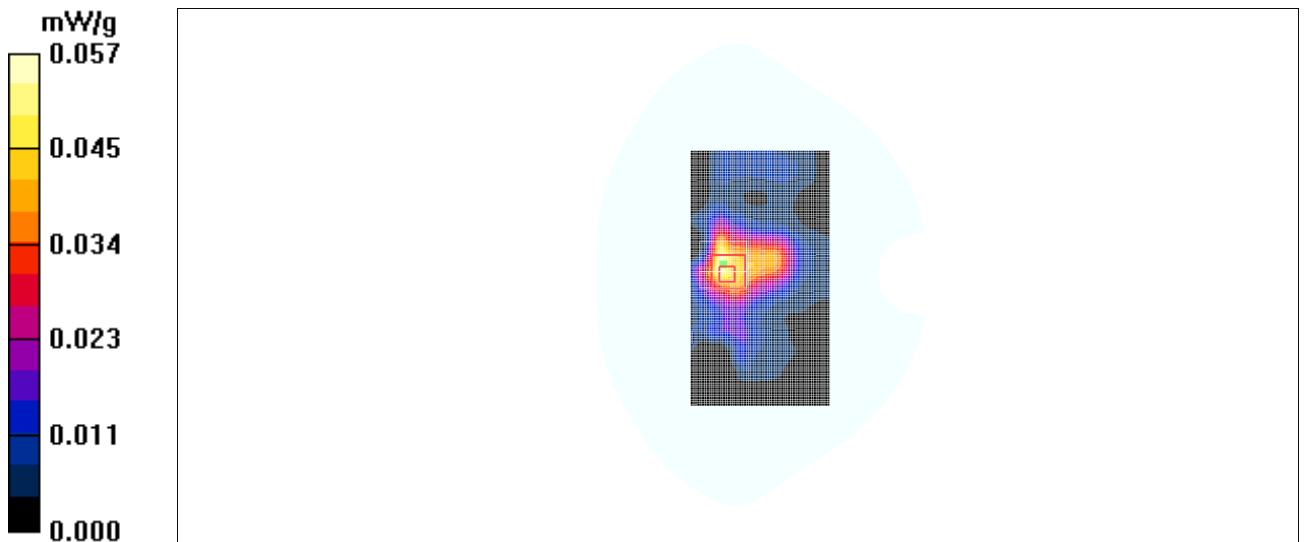
Maximum value of SAR (measured) = 0.054 mW/g

Fig.178   802.11b 1Mbps CH11

WiFi 802.11g 6Mbps Toward Phantom Channel 6 – Slide down

Date/Time: 2010-7-24 16:23:59

Electronics: DAE4 Sn771

Medium: Body 2450 MHz

Medium parameters used (interpolated): f = 2437 MHz; σ = 1.95 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WLan 2450 Frequency: 2437 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.19, 7.19, 7.19)

Toward Phantom Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

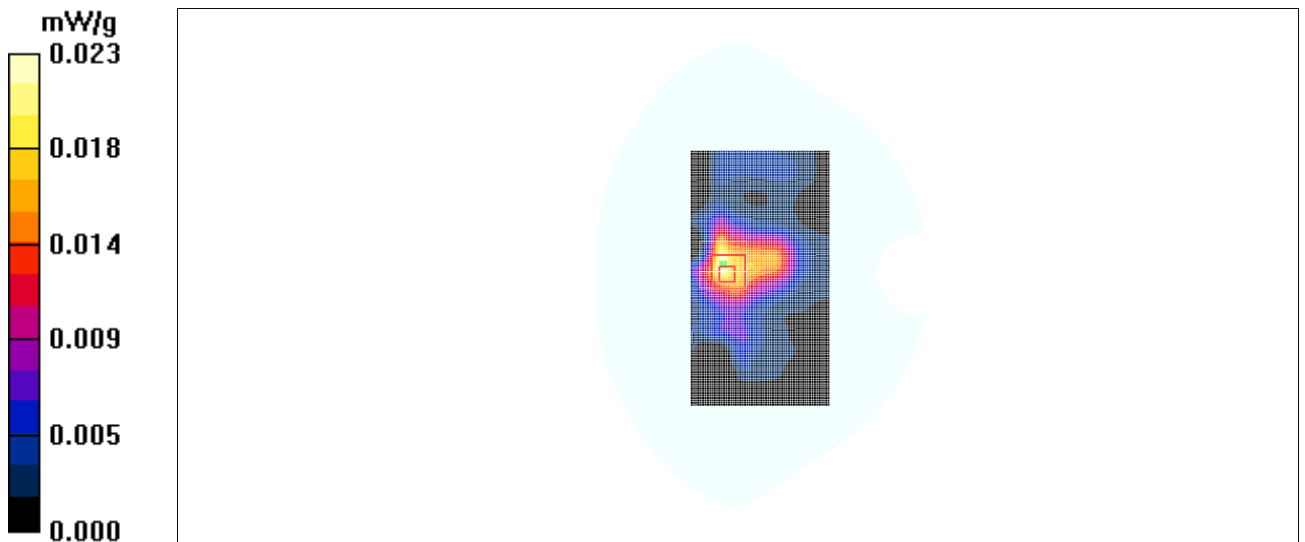Maximum value of SAR (interpolated) = 0.023 mW/g

Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.37 V/m; Power Drift = 0.174 dB

Peak SAR (extrapolated) = 0.036 W/kg

SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.00912 mW/g

Maximum value of SAR (measured) = 0.021 mW/g

Fig.179   802.11g 6Mbps CH6

WiFi 802.11g 6Mbps Toward Ground Channel 6 – Slide down

Date/Time: 2010-7-24 16:40:59

Electronics: DAE4 Sn771

Medium: Body 2450 MHz

Medium parameters used (interpolated): f = 2437 MHz; σ = 1.95 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WLan 2450 Frequency: 2437 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.19, 7.19, 7.19)

Toward Ground Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

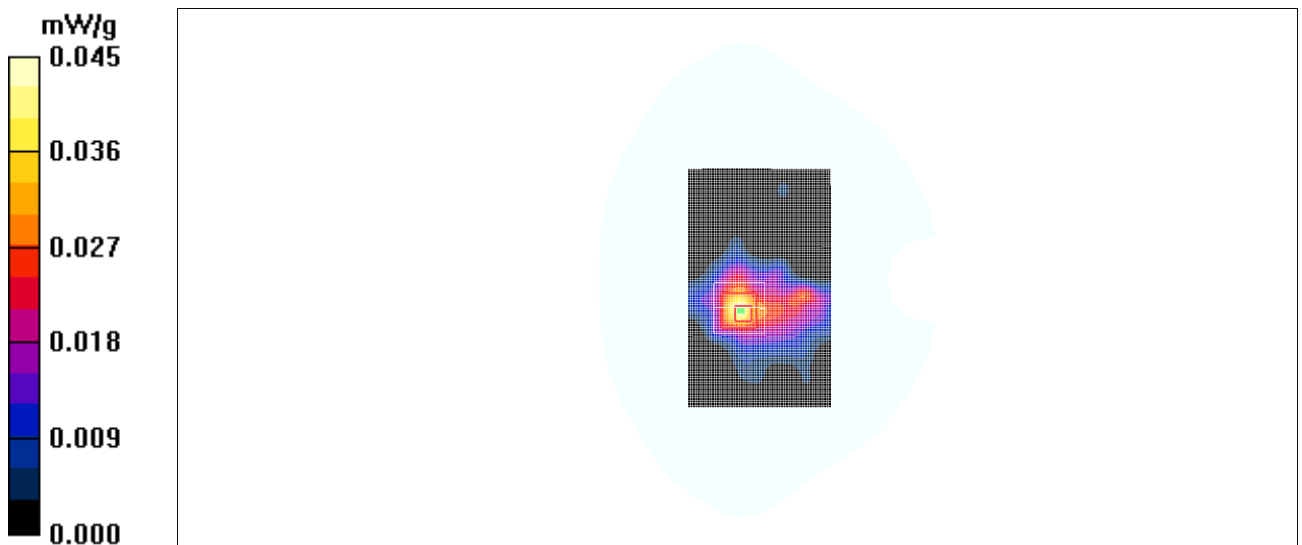Maximum value of SAR (interpolated) = 0.045 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.88 V/m; Power Drift = 0.158 dB

Peak SAR (extrapolated) = 0.054 W/kg

SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.046 mW/g

Fig.180   802.11g 6Mbps CH6

WiFi 802.11g 36Mbps Toward Phantom Channel 11 – Slide down

Date/Time: 2010-7-24 16:57:52

Electronics: DAE4 Sn771

Medium: Body 2450 MHz

Medium parameters used (interpolated): f = 2462 MHz; σ = 1.99 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3

Ambient Temperature:23.0oC   Liquid Temperature: 22.5^{o}C

Communication System: WLan 2450 Frequency: 2462 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.19, 7.19, 7.19)

Toward Phantom High/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

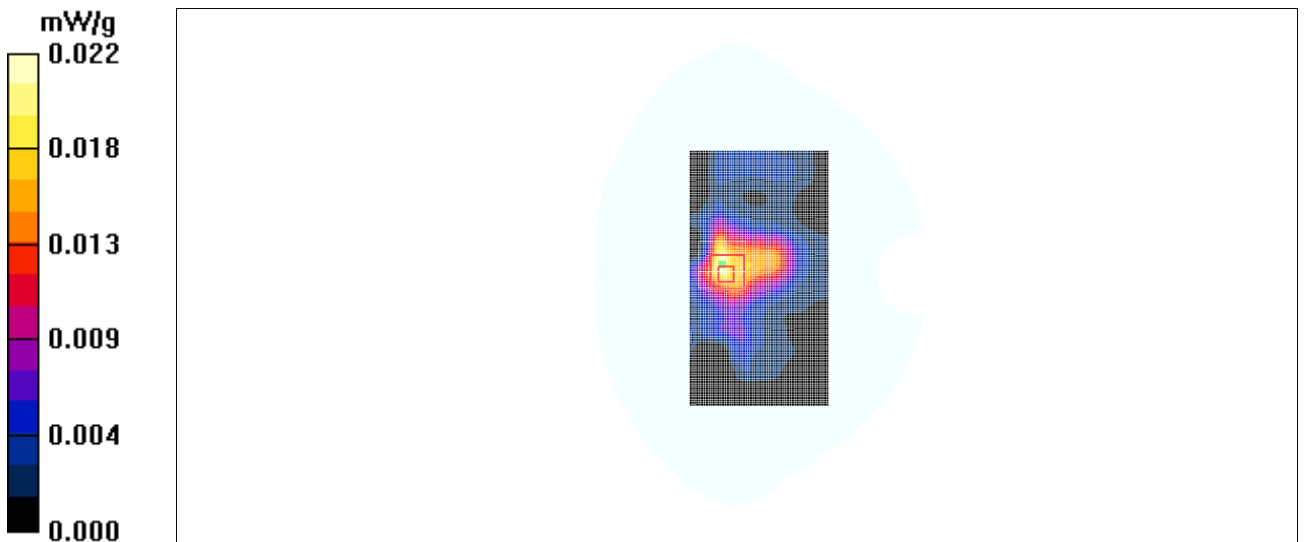Maximum value of SAR (interpolated) = 0.022 mW/g

Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.44 V/m; Power Drift = 0.180 dB

Peak SAR (extrapolated) = 0.045 W/kg

SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.010 mW/g

Maximum value of SAR (measured) = 0.026 mW/g

Fig.181   802.11g 36Mbps CH11