SAR Plots

- Verification Plots

- SAR Test Plots

DT&C Co., Ltd.

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d159

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 1 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(9.94, 9.94, 9.94); Calibrated: 2014-04-24; Electronics: DAE4 Sn1396
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-04-02; Ambient Temp: 22.2; Tissue Temp: 22.7
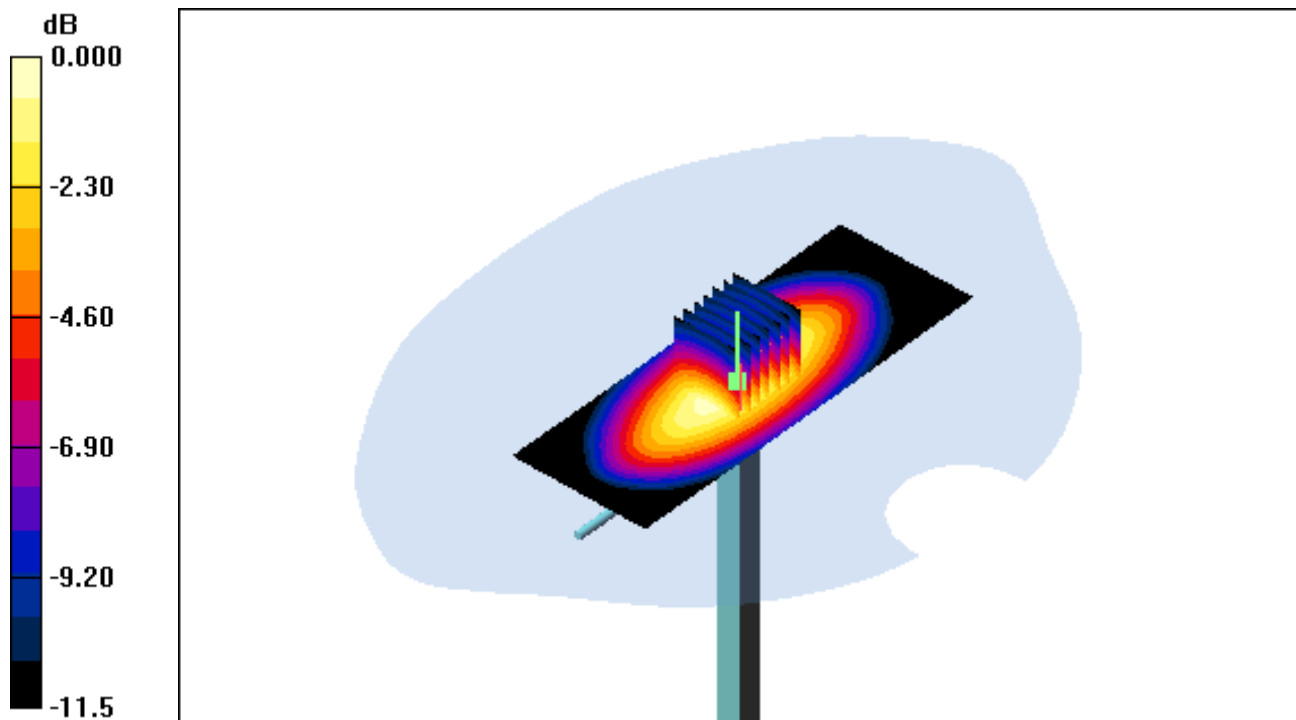
835 MHz System Verification

Area Scan (41x111x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.019 dB
Peak SAR (extrapolated) = 4.02 W/kg
SAR(1 g) = 2.48 W/kg; SAR(10 g) = 1.64 W/kg

0 dB = 3.31W/kg

DT&C Co., Ltd.

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d159

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 1 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(9.94, 9.94, 9.94); Calibrated: 2014-04-24; Electronics: DAE4 Sn1396
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-04-02; Ambient Temp: 22.2; Tissue Temp: 22.7
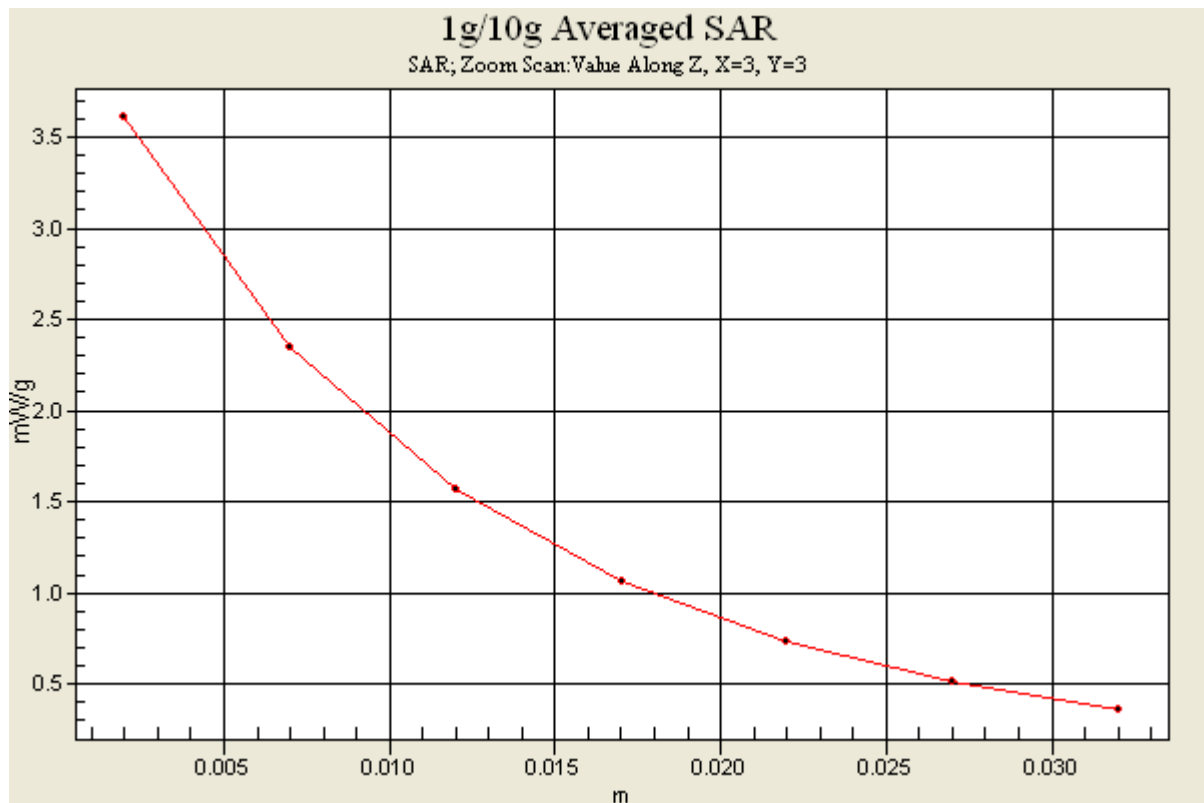
835 MHz System Verification

Area Scan (41x111x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.019 dB
Peak SAR (extrapolated) = 4.02 W/kg
SAR(1 g) = 2.48 W/ng; SAR(10 g) = 1.64 W/ng

1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=3, Y=3

DT&C Co., Ltd.

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d176

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.55 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.69, 7.69, 7.69); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-02-24; Ambient Temp: 21.8; Tissue Temp: 22.3
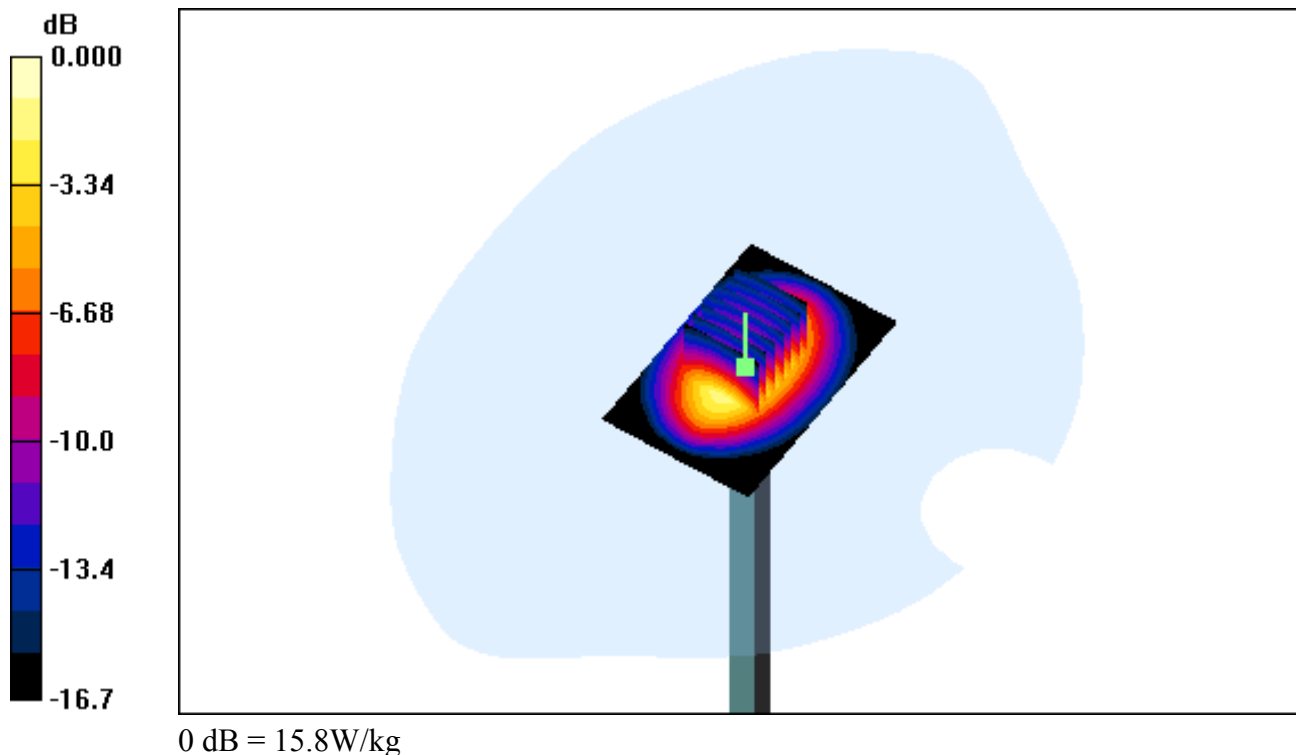
1900 MHz System Verification

Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.061 dB
Peak SAR (extrapolated) = 20.4 W/kg
SAR(1 g) = 10.7 W/kg; SAR(10 g) = 5.61 W/kg

0 dB = 15.8W/kg

DT&C Co., Ltd.

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d176

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.55 mho/m; $ε_r$ = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.69, 7.69, 7.69); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-02-24; Ambient Temp: 21.8; Tissue Temp: 22.3
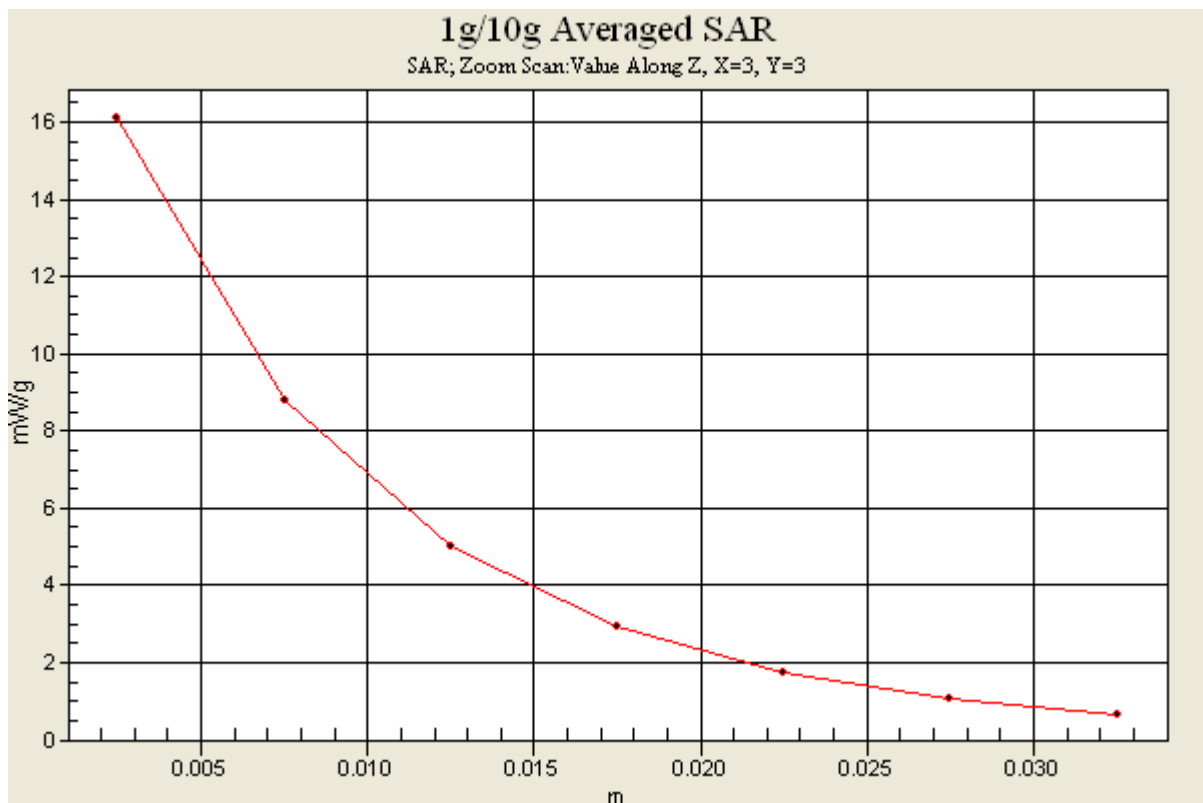
1900 MHz System Verification

Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.061 dB
Peak SAR (extrapolated) = 20.4 W/kg
SAR(1 g) = 10.7 W/kg; SAR(10 g) = 5.61 W/kg

1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=3, Y=3

DT&C Co., Ltd.

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:920

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.97 mho/m; ε_r = 51.3; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(7.24, 7.24, 7.24); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-02-26; Ambient Temp: 21.3; Tissue Temp: 21.8
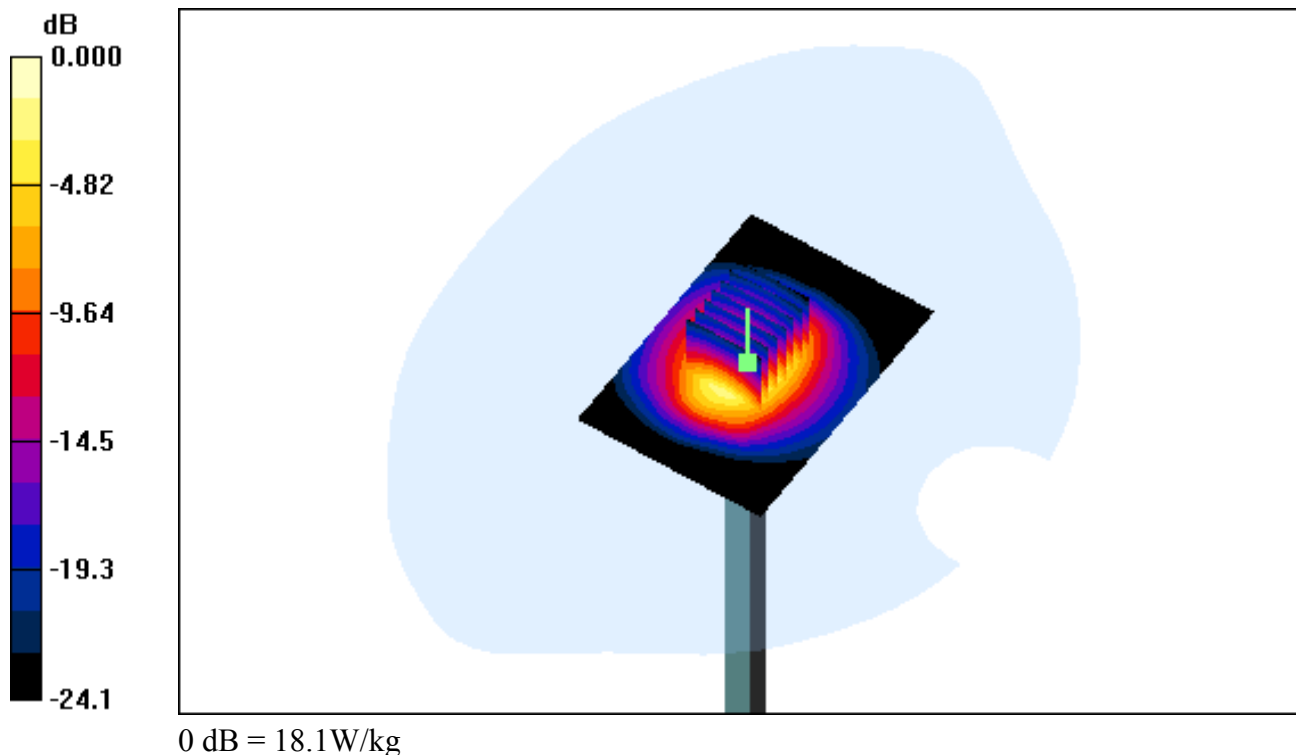
2450 MHz System Verification

Area Scan (61x81x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.027 dB
Peak SAR (extrapolated) = 28.6 W/kg
SAR(1 g) = 12.8 W/kg; SAR(10 g) = 5.95 W/kg

0 dB = 18.1W/kg

DT&C Co., Ltd.

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:920

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.97 mho/m; ε_r = 51.3; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.24, 7.24, 7.24); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-02-26; Ambient Temp: 21.3; Tissue Temp: 21.8
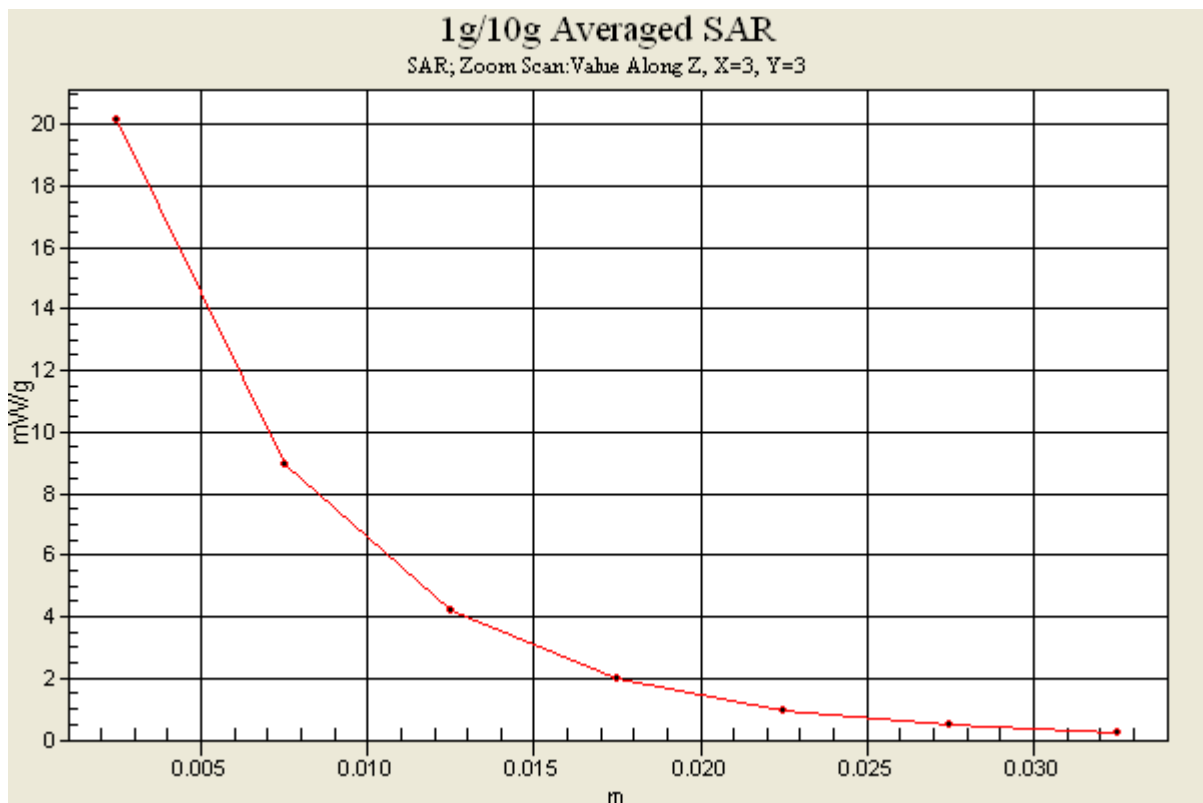
2450 MHz System Verification

Area Scan (61x81x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.027 dB
Peak SAR (extrapolated) = 28.6 W/kg
SAR(1 g) = 12.8 W/kg; SAR(10 g) = 5.95 W/kg

DT&C Co., Ltd.

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:920

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.95 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(7.24, 7.24, 7.24); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-02-27; Ambient Temp: 21.7; Tissue Temp: 22.2
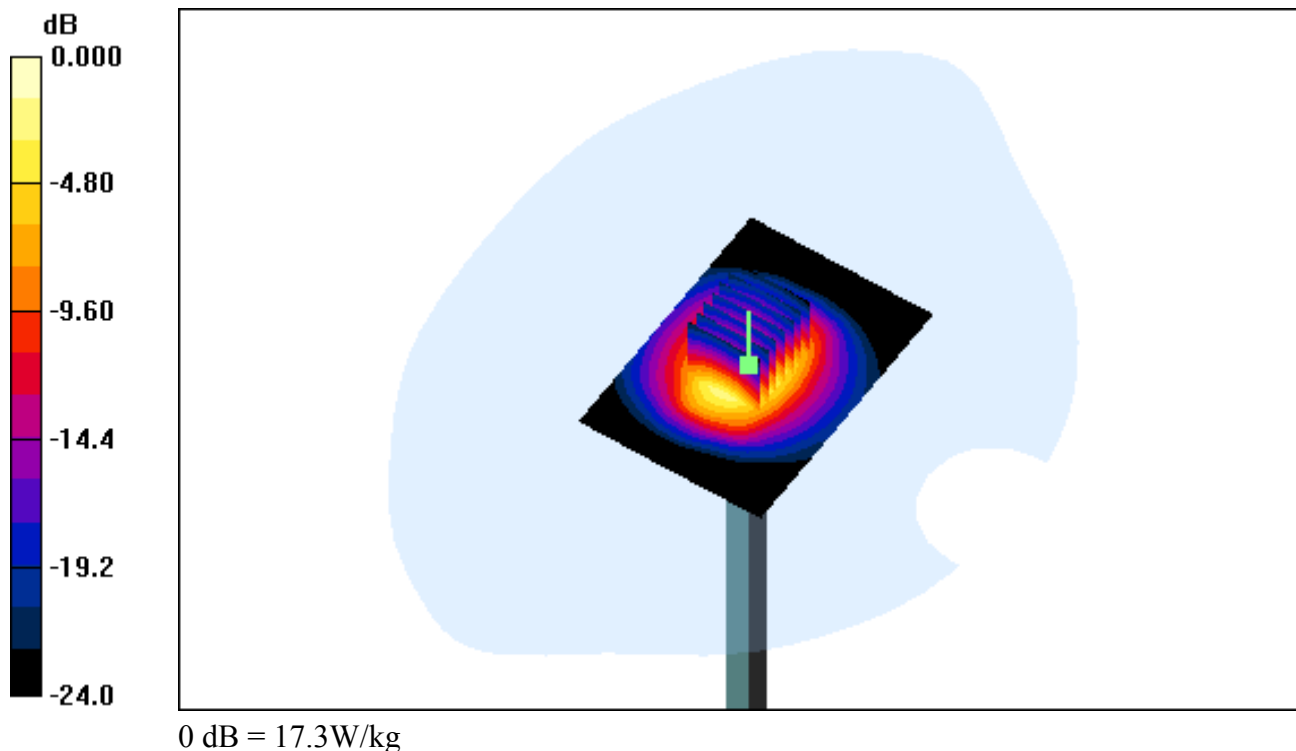
2450 MHz System Verification

Area Scan (61x81x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.016 dB
Peak SAR (extrapolated) = 27.2 W/kg
SAR(1 g) = 12.6 W/kg; SAR(10 g) = 5.74 W/kg

0 dB = 17.3W/kg

DT&C Co., Ltd.

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:920

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.95 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.24, 7.24, 7.24); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-02-27; Ambient Temp: 21.7; Tissue Temp: 22.2
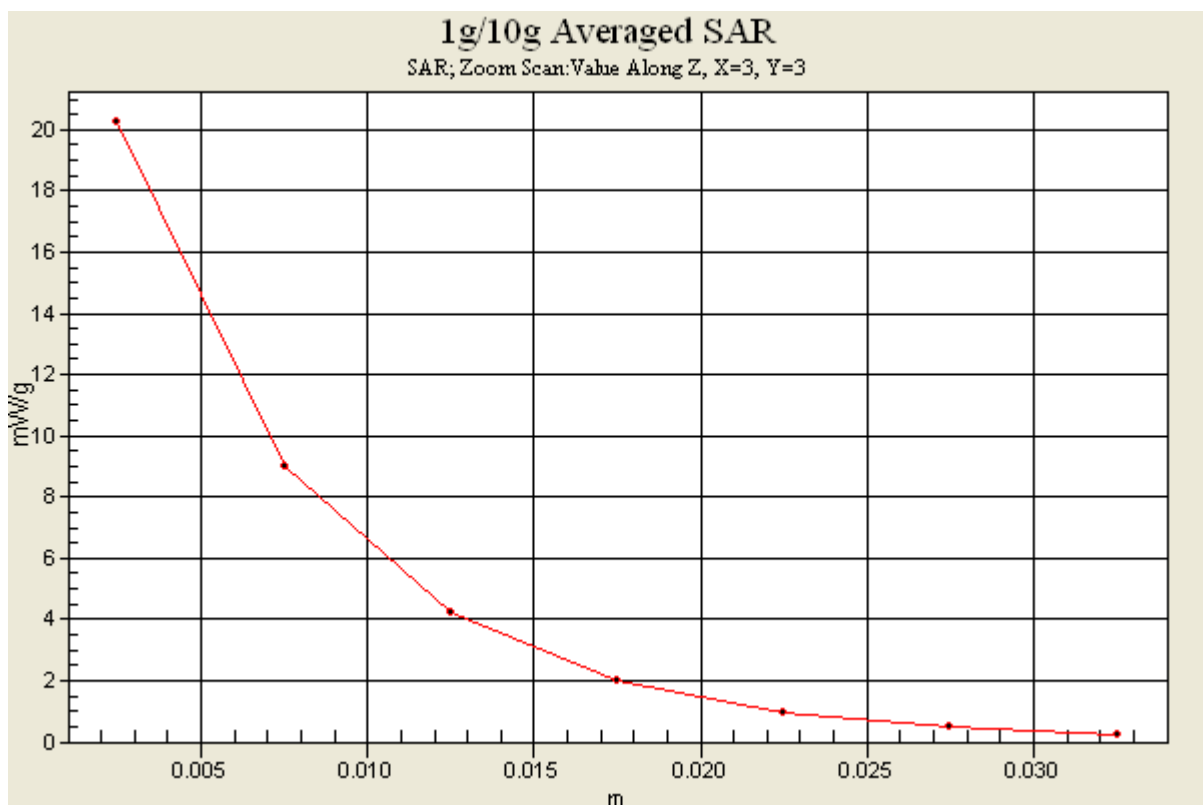
2450 MHz System Verification

Area Scan (61x81x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.016 dB
Peak SAR (extrapolated) = 27.2 W/kg
SAR(1 g) = 12.6 W/kg; SAR(10 g) = 5.74 W/kg

DT&C Co., Ltd.

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN:1016

Communication System: CW; Frequency: 2600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2600 MHz; σ = 2.11 mho/m; ε_r = 50.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(7.01, 7.01, 7.01); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-03-06; Ambient Temp: 22.0; Tissue Temp: 22.5
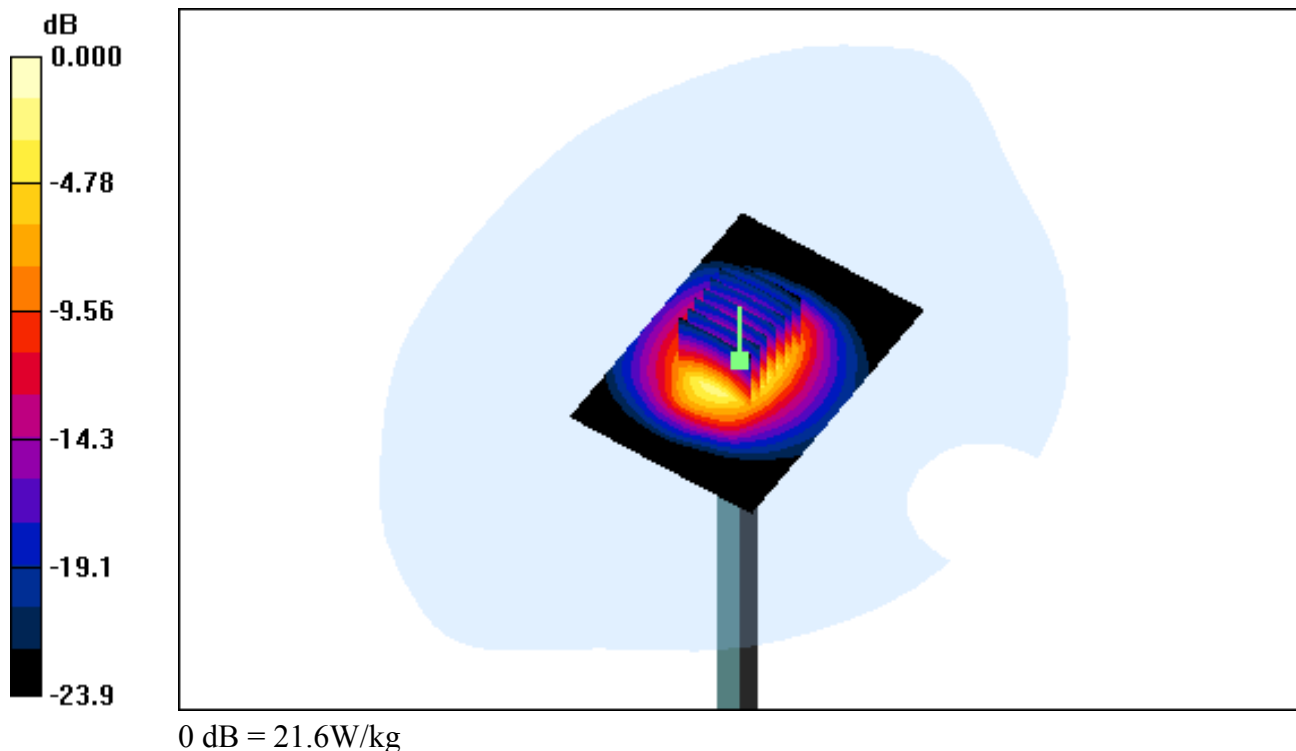
2600 MHz System Verification

Area Scan (61x81x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.009 dB
Peak SAR (extrapolated) = 32.1 W/kg
SAR(1 g) = 15.1 W/kg; SAR(10 g) = 6.57 W/kg

0 dB = 21.6W/kg

DT&C Co., Ltd.

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN:1016

Communication System: CW; Frequency: 2600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2600 MHz; σ = 2.11 mho/m; ε_r = 50.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(7.01, 7.01, 7.01); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-03-06; Ambient Temp: 22.0; Tissue Temp: 22.5
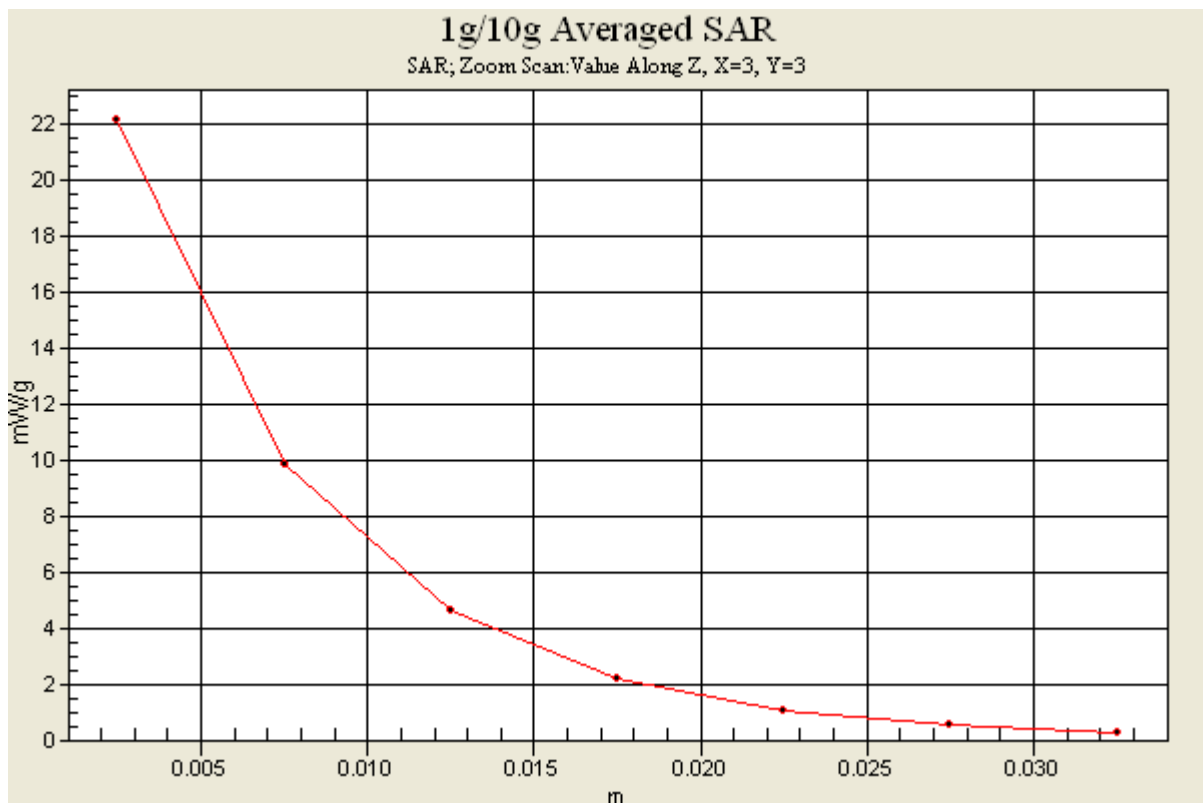
2600 MHz System Verification

Area Scan (61x81x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.009 dB
Peak SAR (extrapolated) = 32.1 W/kg
SAR(1 g) = 15.1 W/kg; SAR(10 g) = 6.57 W/kg

DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 5.41 mho/m; ε_r = 48.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.61, 4.61, 4.61); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-03-02; Ambient Temp: 22.1; Tissue Temp: 22.7
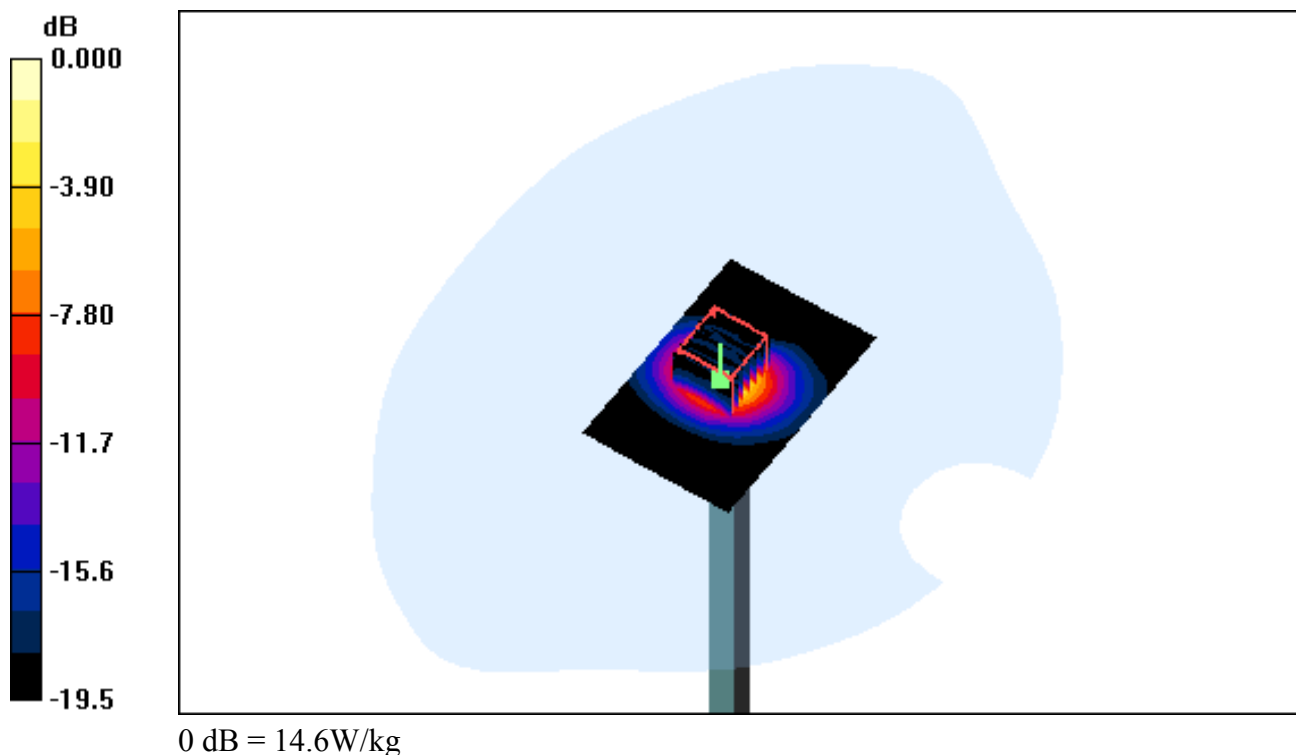
5200 MHz System Verification

Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.046 dB
Peak SAR (extrapolated) = 31.1 W/kg
SAR(1 g) = 7.12 W/kg; SAR(10 g) = 2.16 W/kg

0 dB = 14.6W/kg

DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 5.41 mho/m; ε_r = 48.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.61, 4.61, 4.61); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-03-02; Ambient Temp: 22.1; Tissue Temp: 22.7
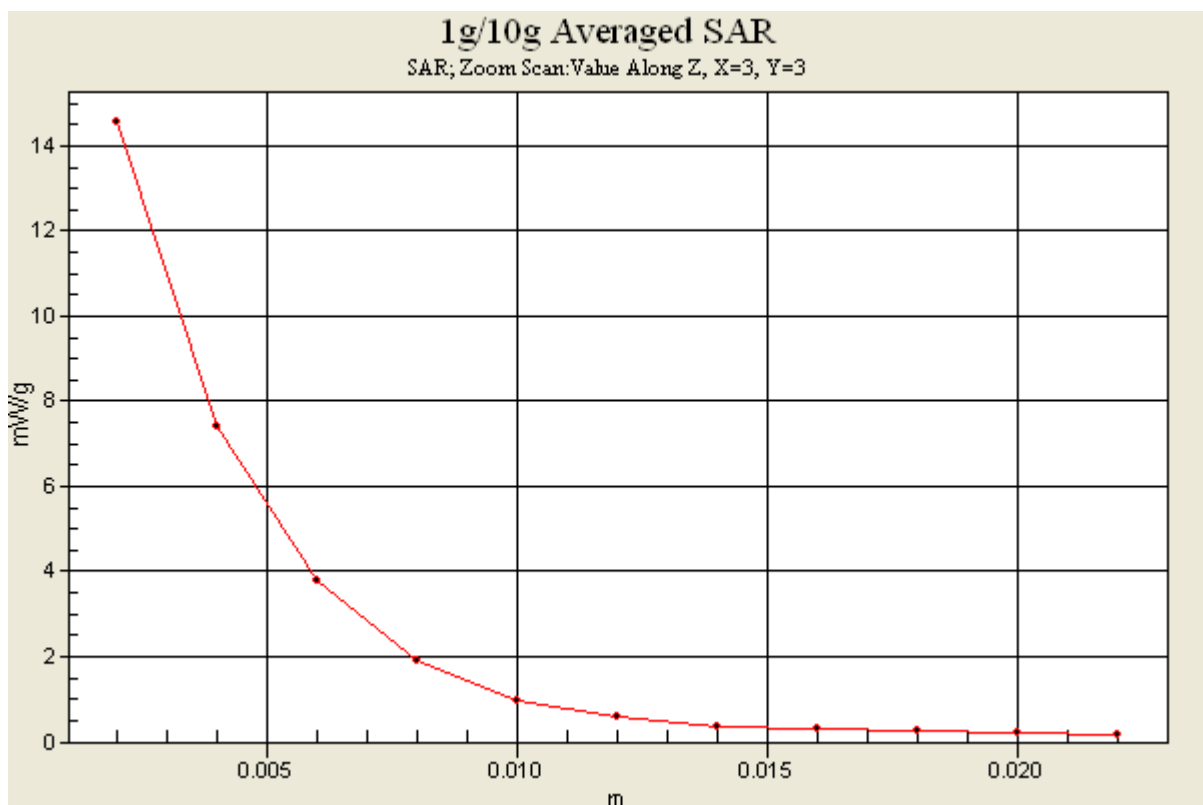
5200 MHz System Verification

Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.046 dB
Peak SAR (extrapolated) = 31.1 W/kg
SAR(1 g) = 7.12 W/kg; SAR(10 g) = 2.16 W/kg

DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 5.33 mho/m; ε_r = 49.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.61, 4.61, 4.61); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-03-04; Ambient Temp: 21.9; Tissue Temp: 22.2
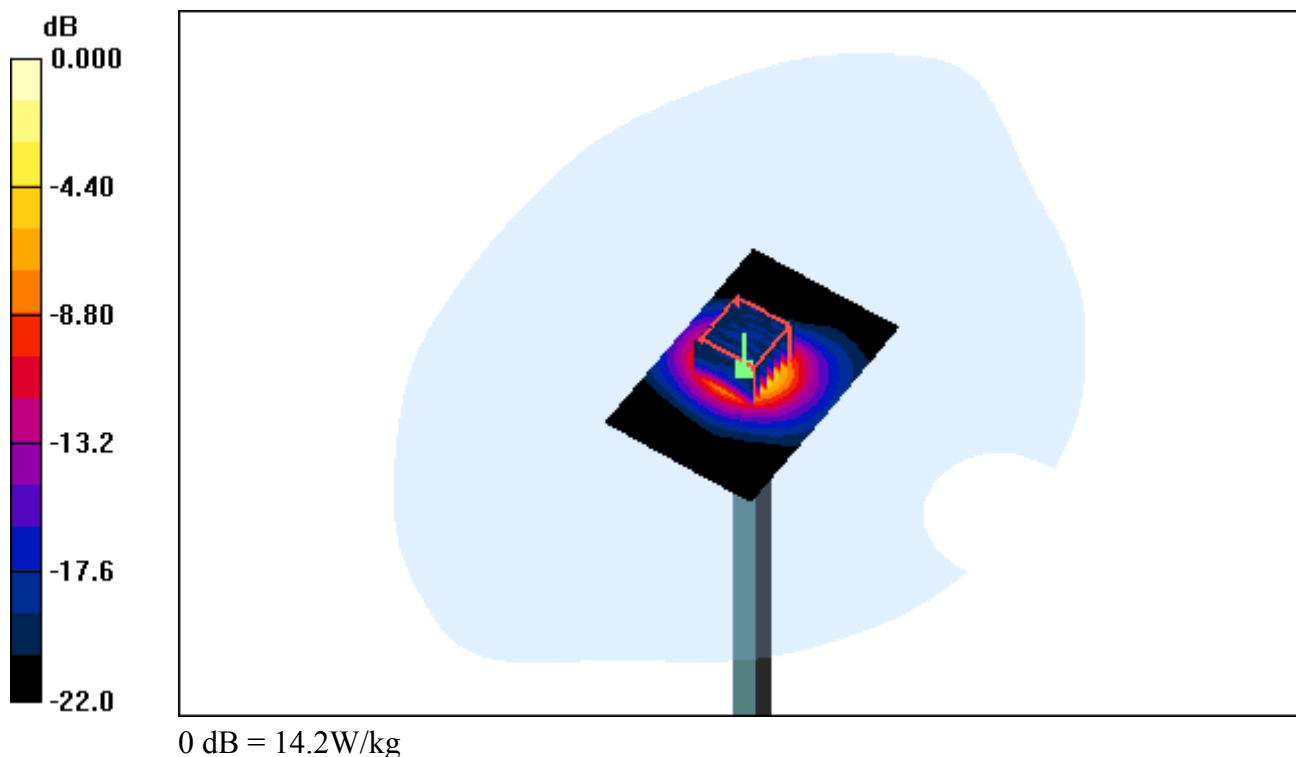
5200 MHz System Verification

Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.106 dB
Peak SAR (extrapolated) = 30.1 W/kg
SAR(1 g) = 7.04 W/kg; SAR(10 g) = 2.09 W/kg

0 dB = 14.2W/kg

DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 5.33 mho/m; ε_r = 49.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.61, 4.61, 4.61); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-03-04; Ambient Temp: 21.9; Tissue Temp: 22.2
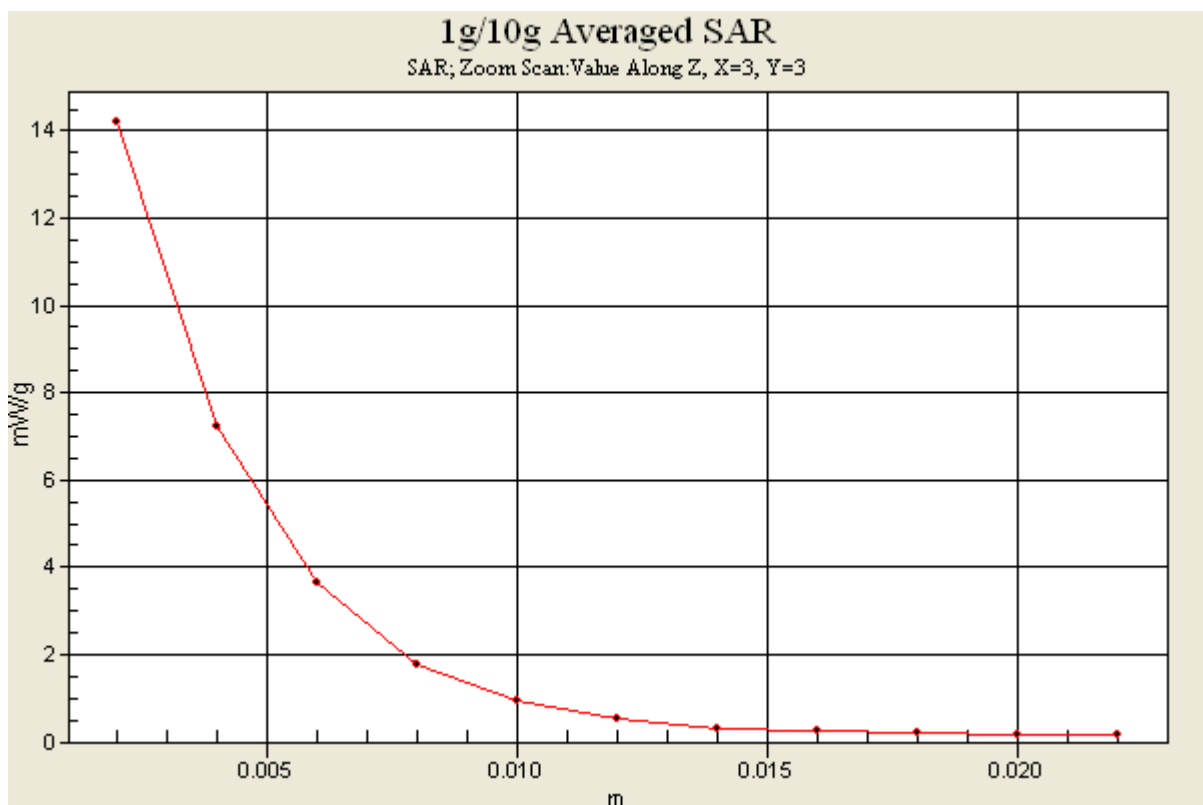
5200 MHz System Verification

Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.106 dB
Peak SAR (extrapolated) = 30.1 W/kg
SAR(1 g) = 7.04 W/kg; SAR(10 g) = 2.09 W/kg

DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 6.14 mho/m; ε_r = 48.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.21, 4.21, 4.21); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-03-03; Ambient Temp: 22.3; Tissue Temp: 22.6
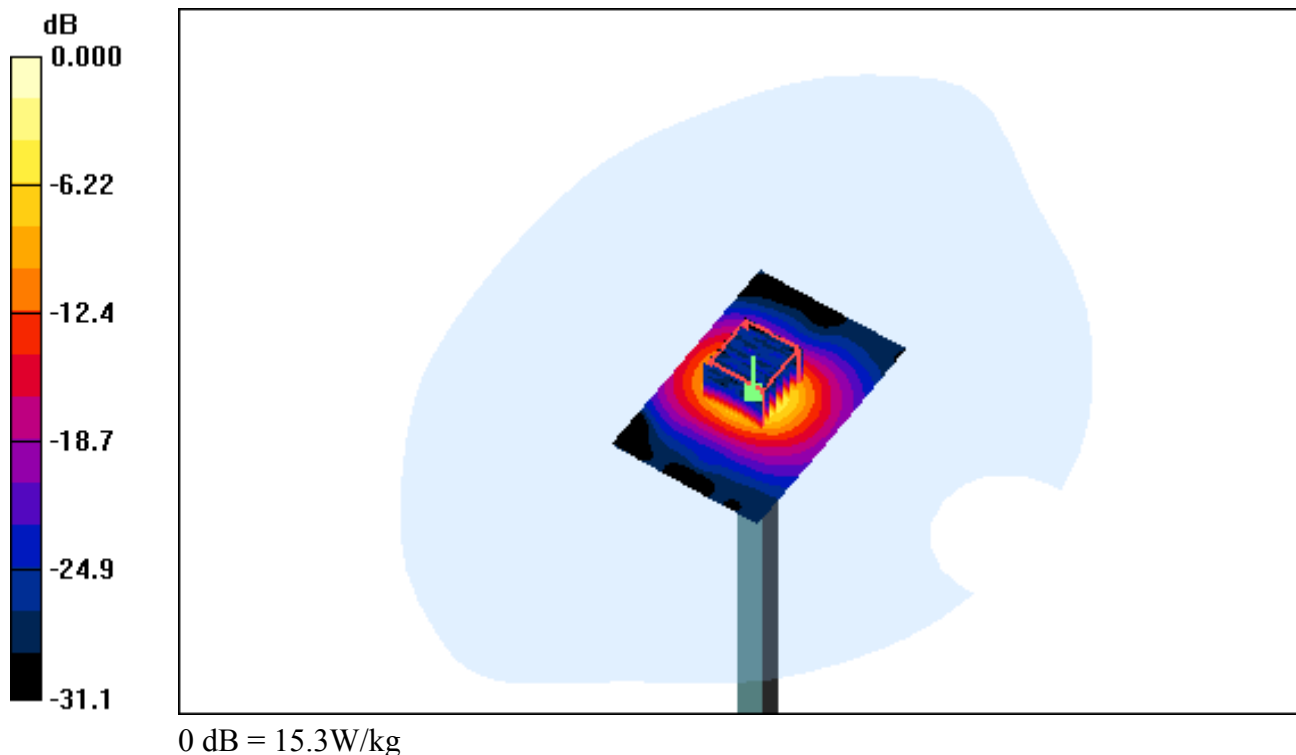
5800 MHz System Verification

Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.032 dB
Peak SAR (extrapolated) = 34.5 W/kg
SAR(1 g) = 7.15 W/kg; SAR(10 g) = 2.02 W/kg

0 dB = 15.3W/kg

DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 6.14 mho/m; ε_r = 48.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.21, 4.21, 4.21); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-03-03; Ambient Temp: 22.3; Tissue Temp: 22.6
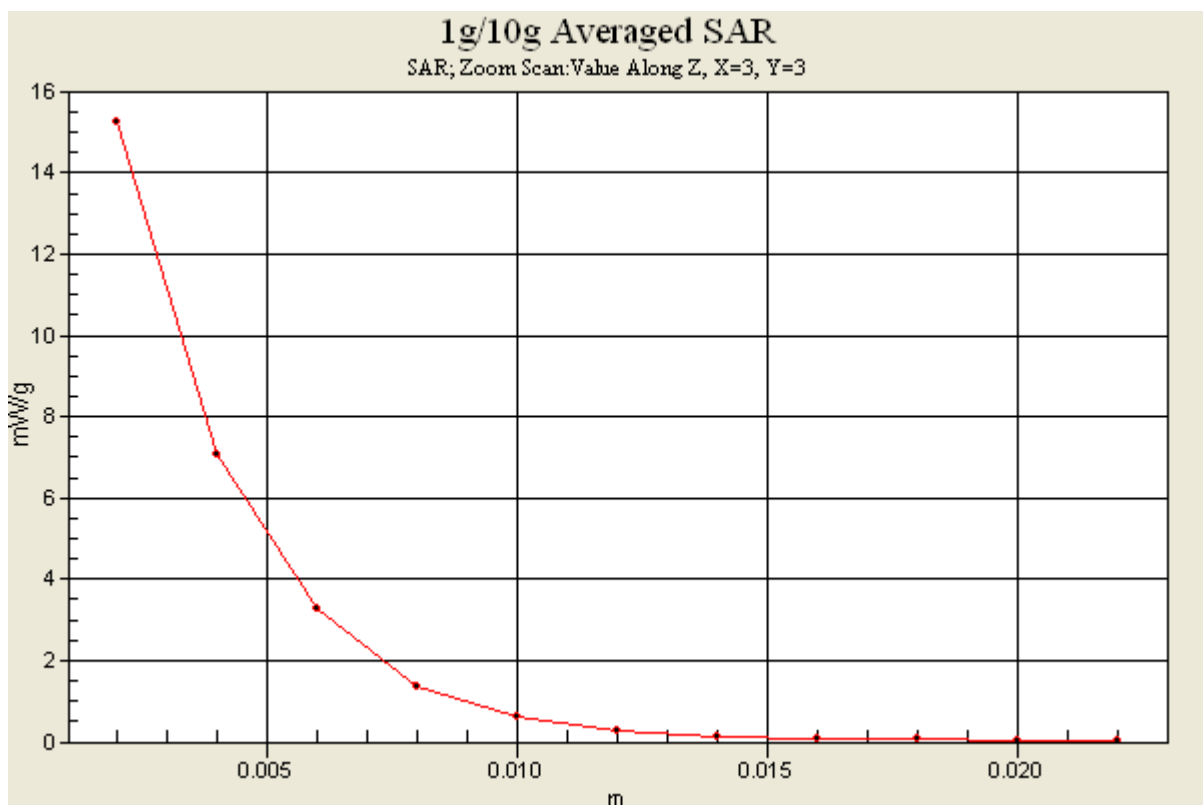
5800 MHz System Verification

Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.032 dB
Peak SAR (extrapolated) = 34.5 W/kg
SAR(1 g) = 7.15 W/kg; SAR(10 g) = 2.02 W/kg

1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=3, Y=3

DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 6.07 mho/m; ε_r = 46.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.21, 4.21, 4.21); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-03-05; Ambient Temp: 22.2; Tissue Temp: 22.4
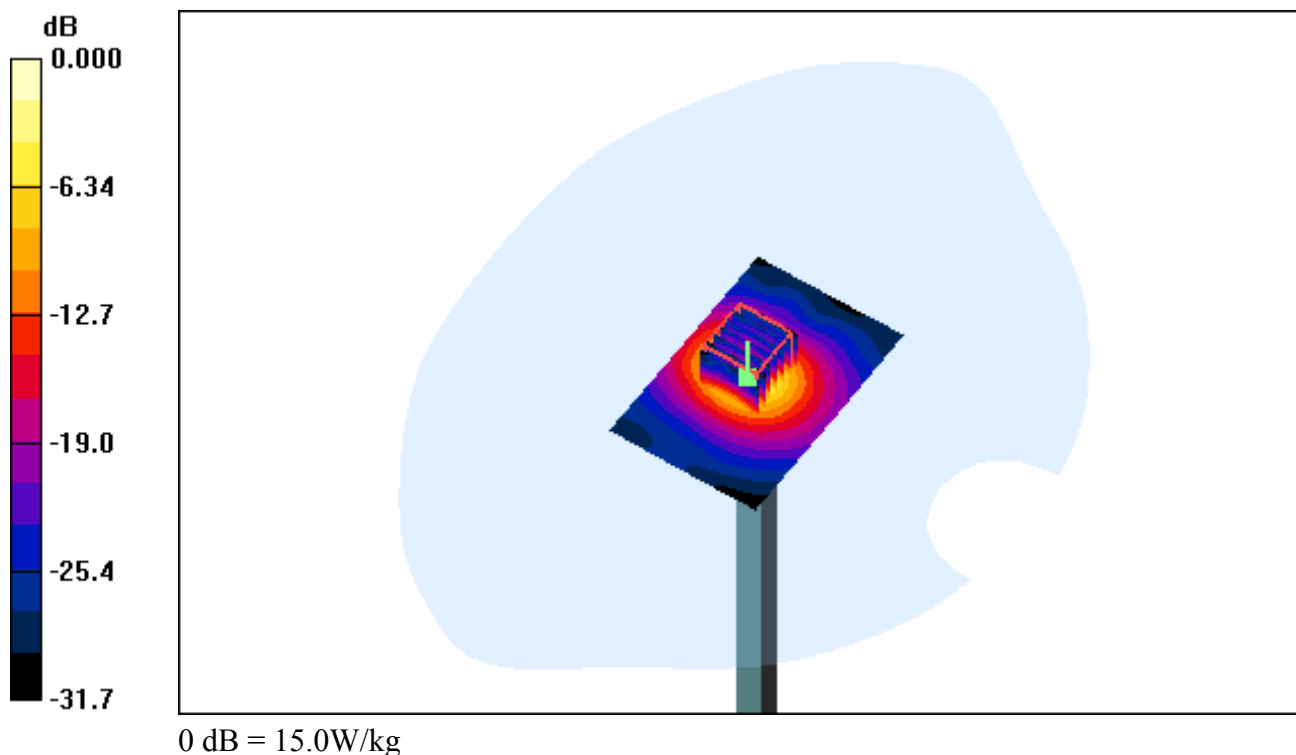
5800 MHz System Verification

Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.159 dB
Peak SAR (extrapolated) = 27.7 W/kg
SAR(1 g) = 7.33 W/kg; SAR(10 g) = 2.07 W/kg

0 dB = 15.0W/kg

DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: CW; Frequency: 5800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 6.07 mho/m; ε_r = 46.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.21, 4.21, 4.21); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-03-05; Ambient Temp: 22.2; Tissue Temp: 22.4
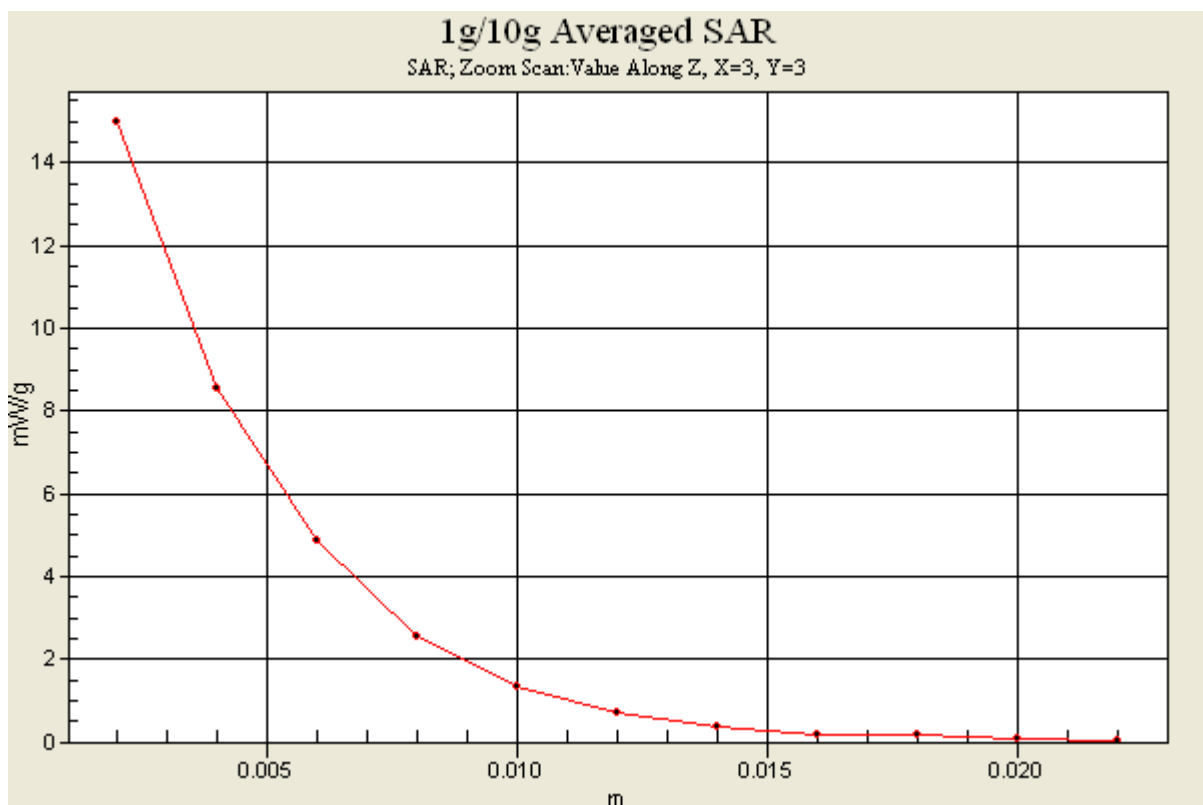
5800 MHz System Verification

Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.159 dB
Peak SAR (extrapolated) = 27.7 W/kg
SAR(1 g) = 7.33 W/kg; SAR(10 g) = 2.07 W/kg

1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=3, Y=3

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: LTE Band 25; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1882.5 MHz; σ = 1.54 mho/m; $ε_r$ = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(7.69, 7.69, 7.69); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-02-24; Ambient Temp: 21.8; Tissue Temp: 22.3

1 cm space from Body, Front, LTE Band 25 Ch. 26365, Ant.Internal

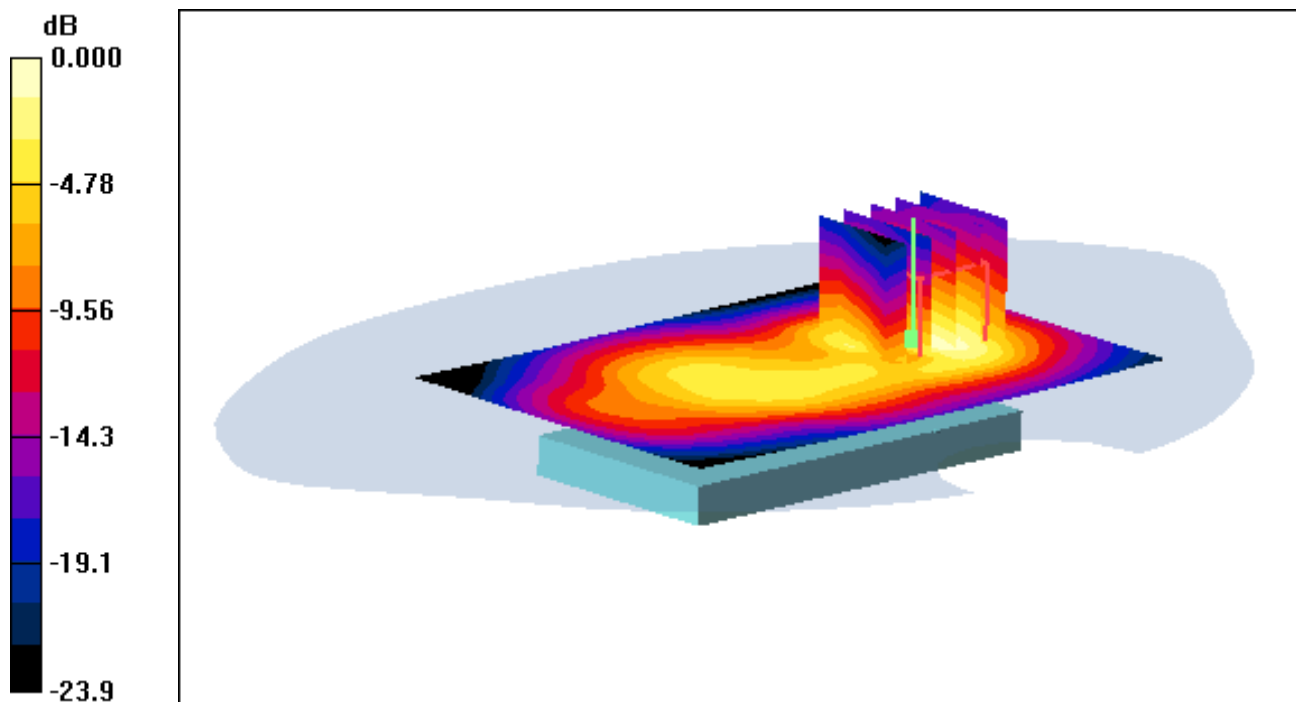## Mode: Bandwidth 20 MHz, QPSK, RB Size: 1, Offset: 50

Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.176 dB
Peak SAR (extrapolated) = 2.02 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.534 W/kg

dB

| 0.000 |
| -4.78 |
| -9.56 |
| -14.3 |
| -19.1 |
| -23.9 |

0 dB = 1.55W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: LTE Band 25; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1882.5 MHz; σ = 1.54 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.69, 7.69, 7.69); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
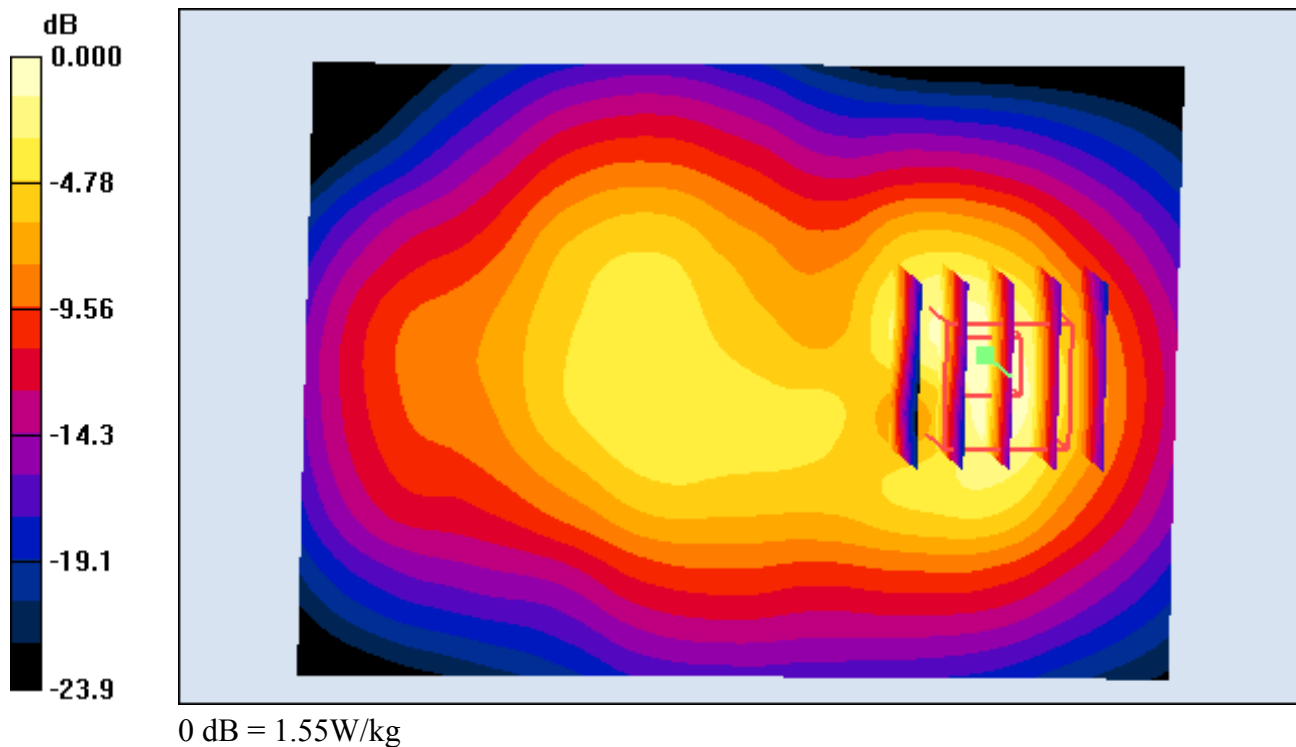Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-02-24; Ambient Temp: 21.8; Tissue Temp: 22.3

1 cm space from Body, Front, LTE Band 25 Ch. 26365, Ant.Internal

Mode: Bandwidth 20 MHz, QPSK, RB Size: 1, Offset: 50

With Enlarge plot image

Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.176 dB
Peak SAR (extrapolated) = 2.02 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.534 W/kg

0 dB = 1.55W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: LTE Band 25; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1882.5 MHz; σ = 1.54 mho/m; $ε_r$ = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(7.69, 7.69, 7.69); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-02-24; Ambient Temp: 21.8; Tissue Temp: 22.3

1 cm space from Body, Front, LTE Band 25 Ch. 26365, Ant.Internal

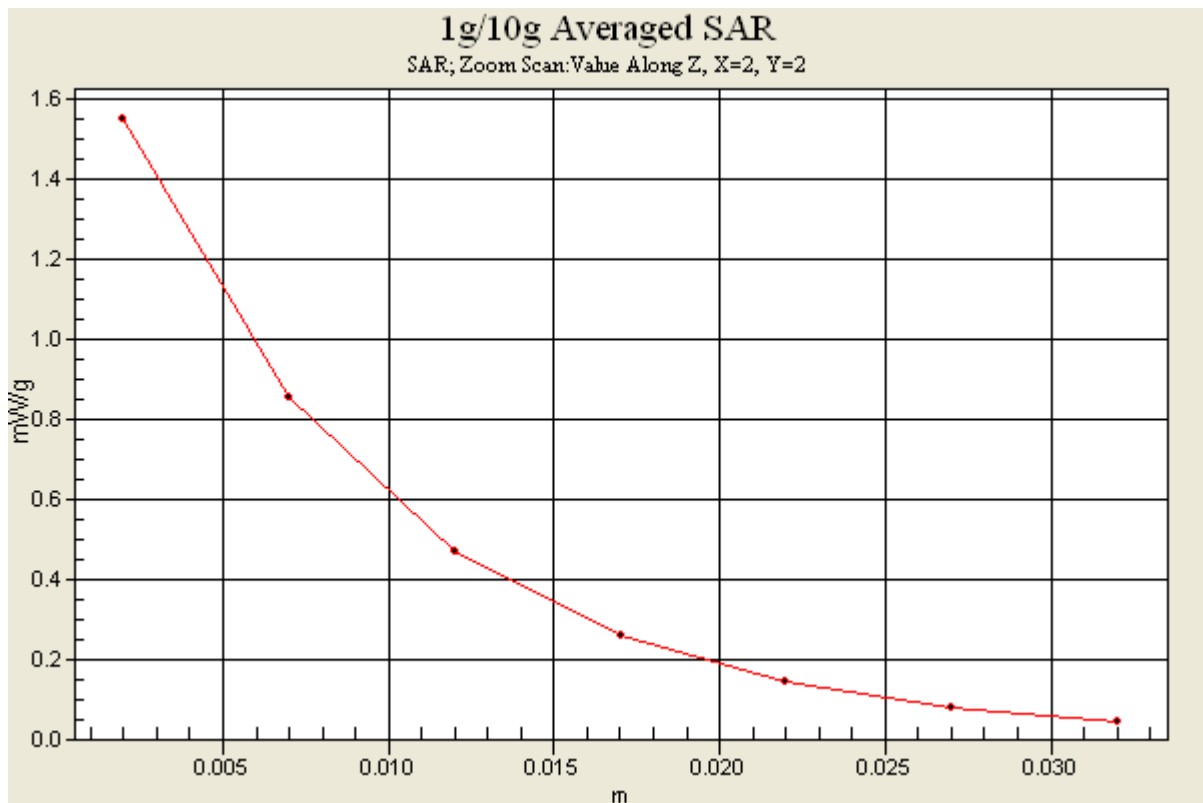### Mode: Bandwidth 20 MHz, QPSK, RB Size: 1, Offset: 50

Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.176 dB
Peak SAR (extrapolated) = 2.02 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.534 W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: LTE Band 26; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.5 MHz; σ = 1 mho/m; $ε_r$ = 53.4; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.94, 9.94, 9.94); Calibrated: 2014-04-24; Electronics: DAE4 Sn1396
""""""""""" Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-04-02; Ambient Temp: 22.2; Tissue Temp: 22.7

1 cm space from Body, Front, LTE Band 26 Ch. 26915, Ant Internal

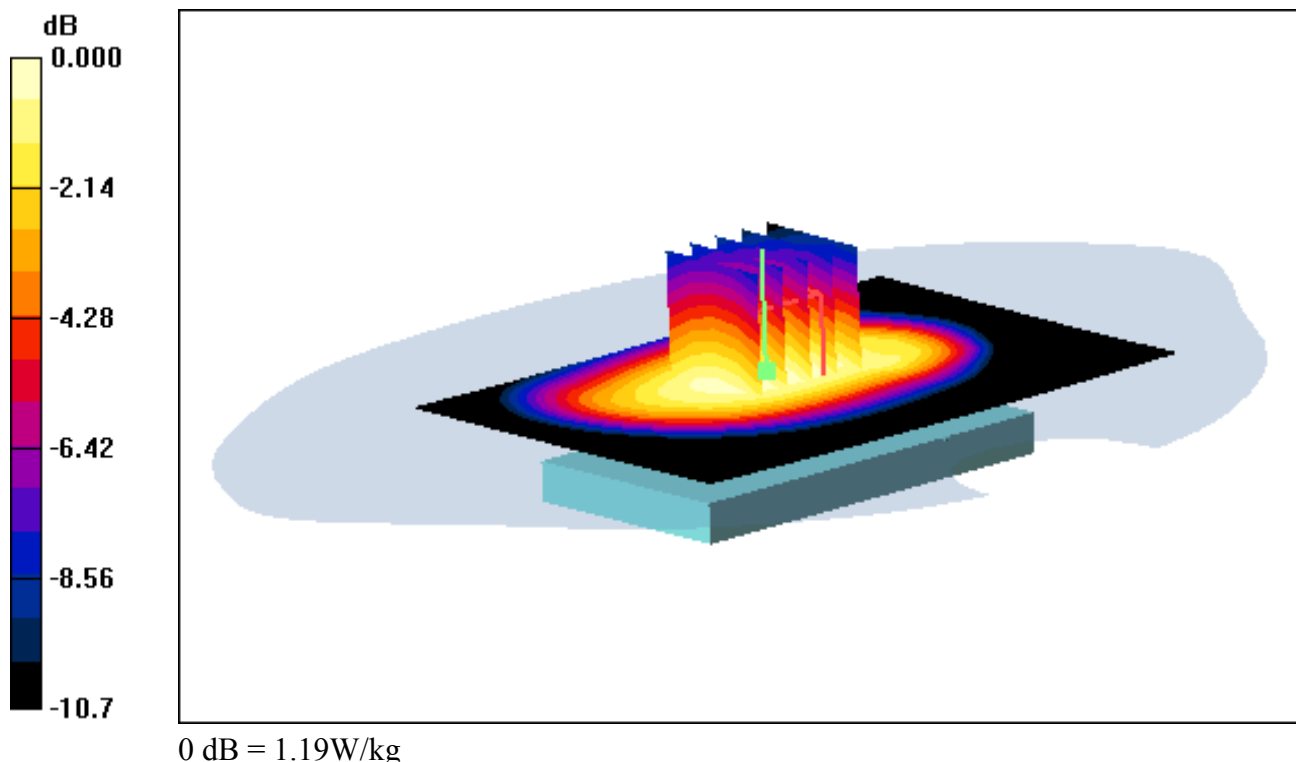## Mode: BandWidth 15 MHz, QPSK, RB Size: 1, Offset: 0

Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.064 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.726 W/kg

0 dB = 1.19W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: LTE Band 26; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used: f = 836.5 MHz; σ = 1 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3916; ConvF(9.94, 9.94, 9.94); Calibrated: 2014-04-24; Electronics: DAE4 Sn1396
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
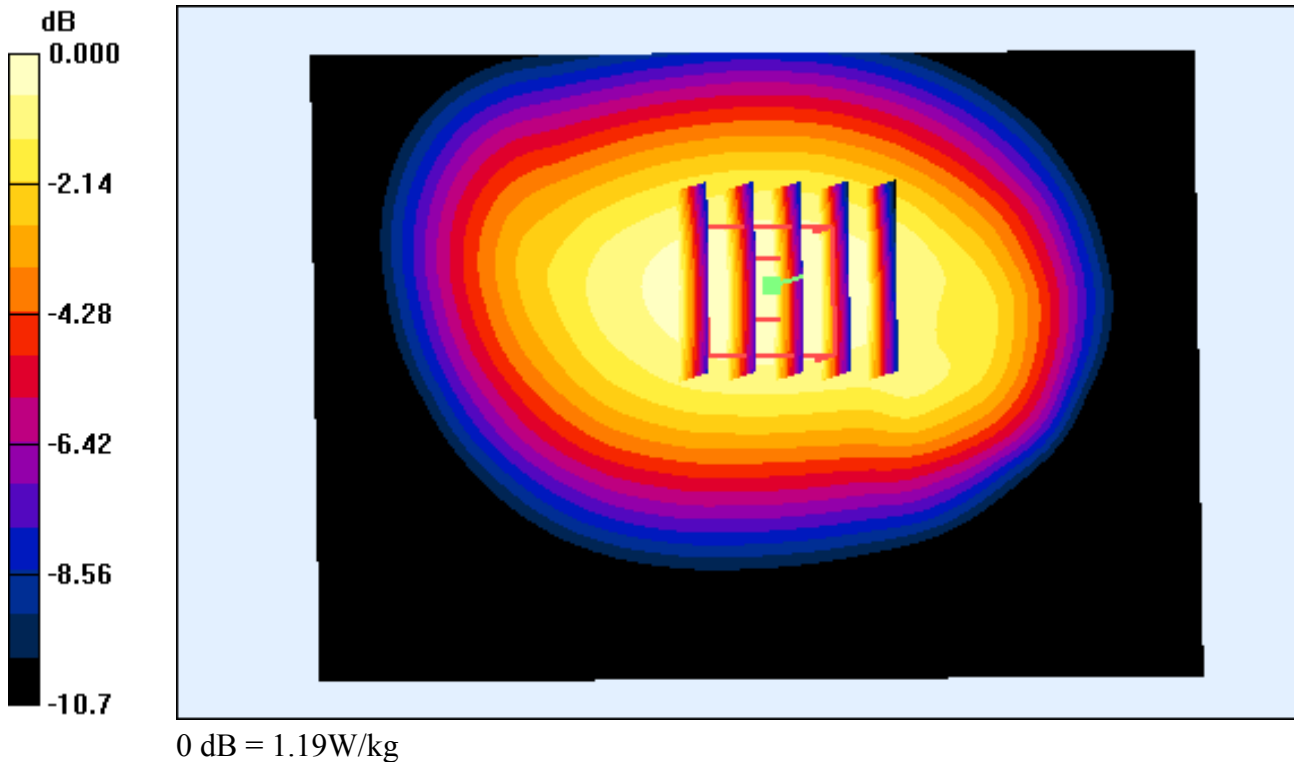Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-04-02; Ambient Temp: 22.2; Tissue Temp: 22.7

1 cm space from Body, Front, LTE Band 26 Ch. 26915, Ant Internal

Mode: BandWidth 15 MHz, QPSK, RB Size: 1, Offset: 0

With Enlarge plot image

Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.064 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.726 W/kg

0 dB = 1.19W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: LTE Band 26; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.5 MHz; σ = 1 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(9.94, 9.94, 9.94); Calibrated: 2014-04-24; Electronics: DAE4 Sn1396
""""""""Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-04-02; Ambient Temp: 22.2; Tissue Temp: 22.7

1 cm space from Body, Front, LTE Band 26 Ch. 26915, Ant Internal

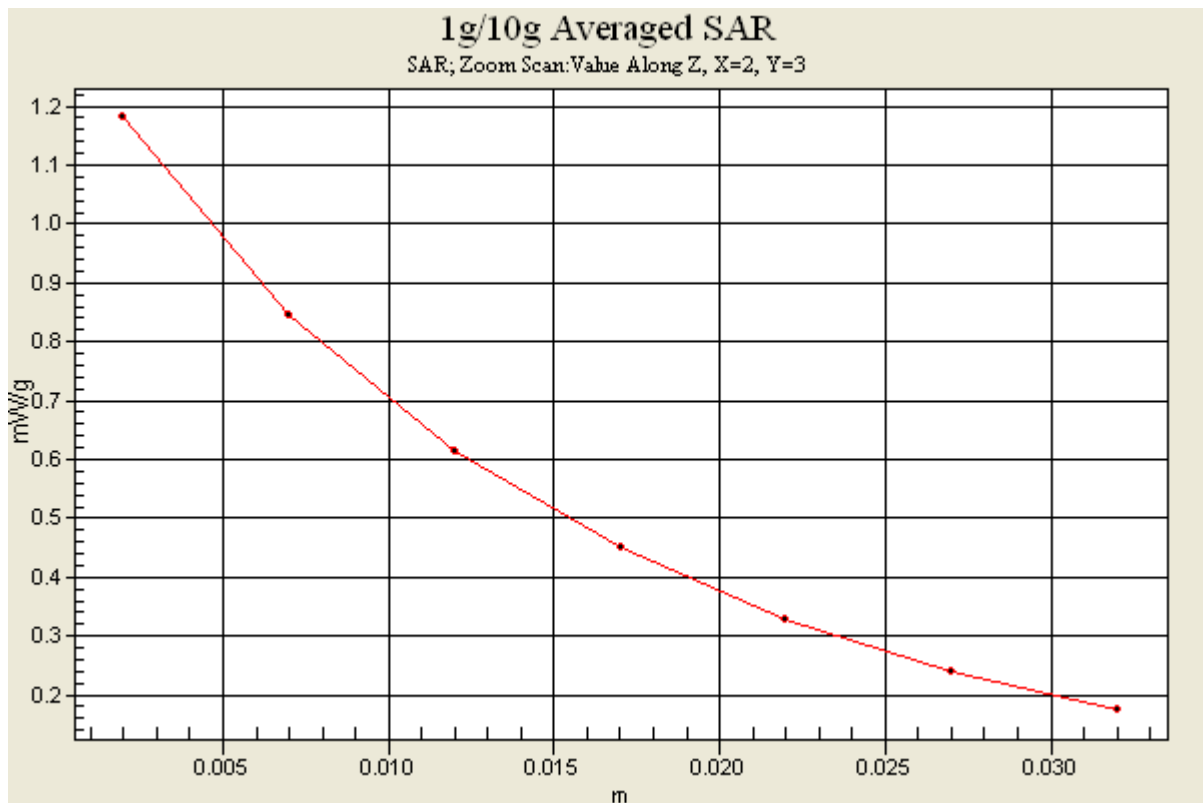## Mode: BandWidth 15 MHz, QPSK, RB Size: 1, Offset: 0

Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.064 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.726 W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: LTE Band 41(TDD); Frequency: 2506 MHz;Duty Cycle: 1:1.6
Medium parameters used: f = 2506 MHz; σ = 2 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.01, 7.01, 7.01); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-03-06; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, Front, LTE Band 41 Ch. 39750, Ant.Internal

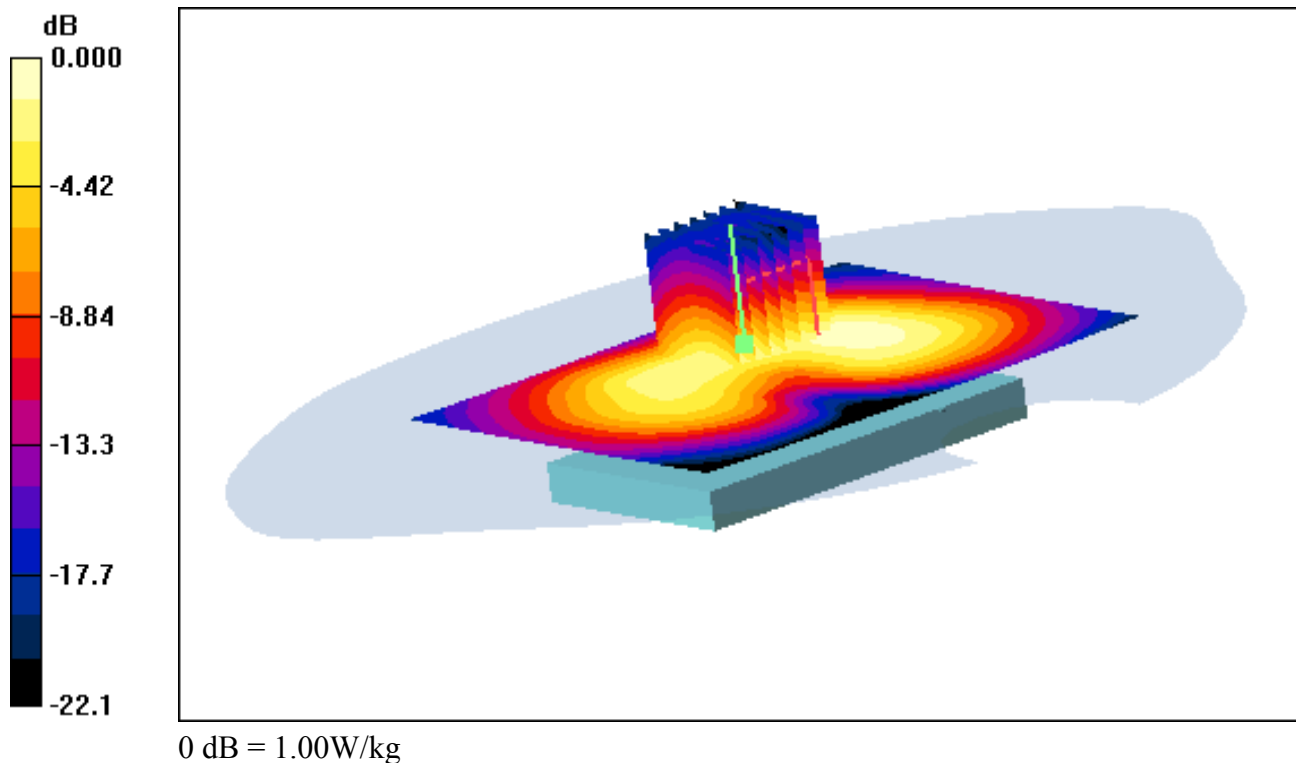### Mode: Bandwidth 20 MHz, QPSK, RB Size: 1, Offset: 50

Area Scan (91x121x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.129 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.657 W/kg; SAR(10 g) = 0.319 W/kg

0 dB = 1.00W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: LTE Band 41(TDD); Frequency: 2506 MHz;Duty Cycle: 1:1.6
Medium parameters used: f = 2506 MHz; σ = 2 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.01, 7.01, 7.01); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-03-06; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, Front, LTE Band 41 Ch. 39750, Ant.Internal

Mode: Bandwidth 20 MHz, QPSK, RB Size: 1, Offset: 50
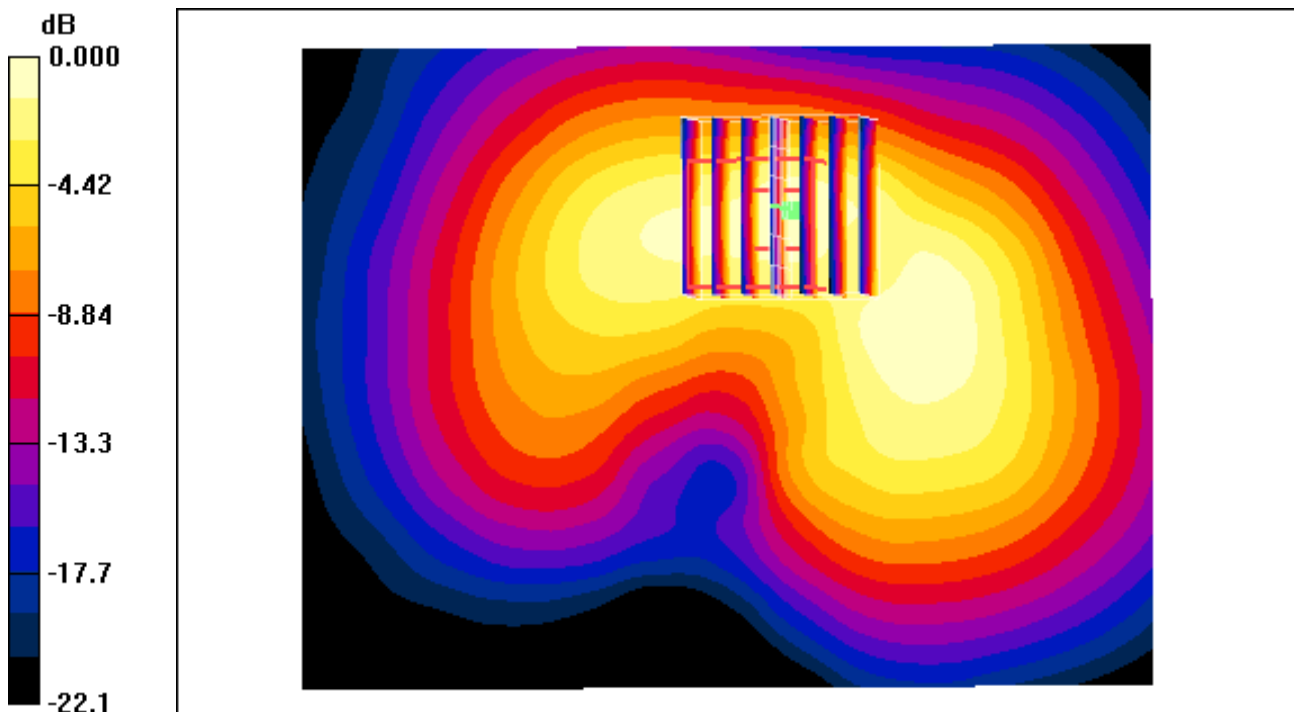
With Enlarge plot image

Area Scan (91x121x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.129 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.657 W/kg; SAR(10 g) = 0.319 W/kg

0 dB = 1.00W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: LTE Band 41(TDD); Frequency: 2506 MHz;Duty Cycle: 1:1.6
Medium parameters used: f = 2506 MHz; σ = 2 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.01, 7.01, 7.01); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-03-06; Ambient Temp: 22.0; Tissue Temp: 22.5

1 cm space from Body, Front, LTE Band 41 Ch. 39750, Ant.Internal

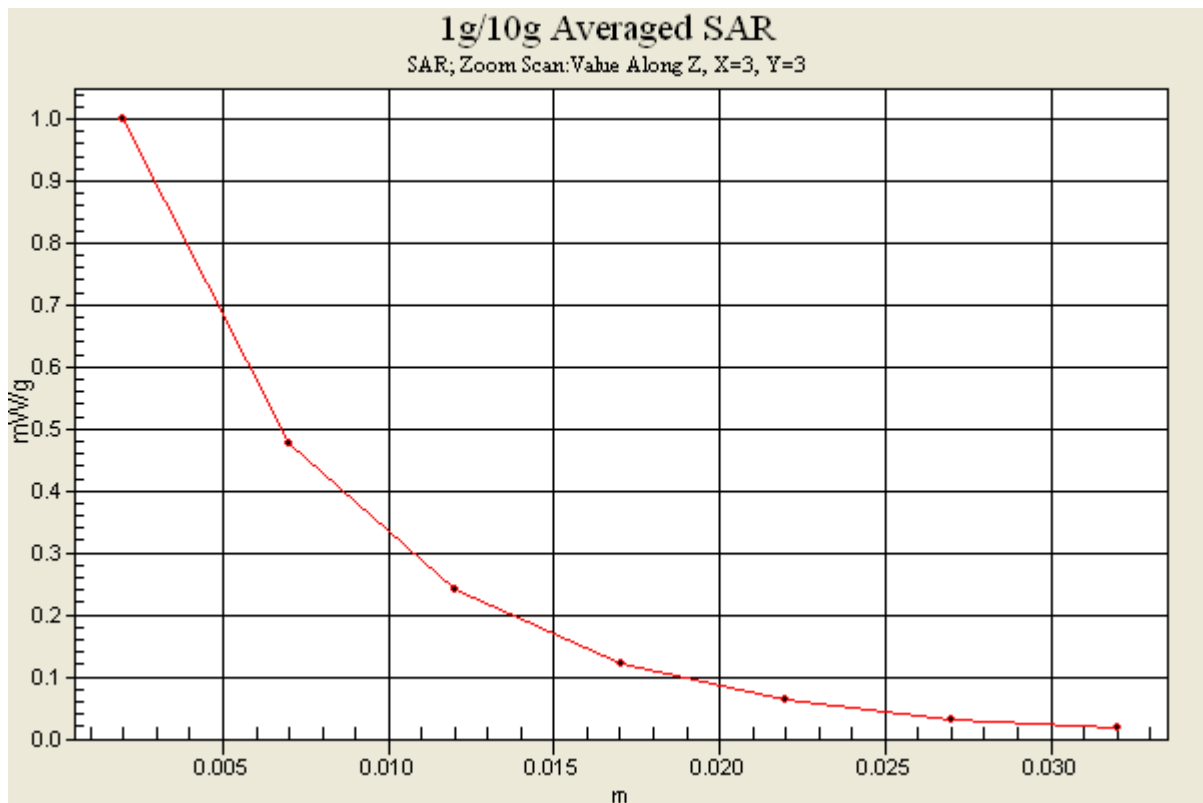**Mode: Bandwidth 20 MHz, QPSK, RB Size: 1, Offset: 50**

Area Scan (91x121x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.129 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.657 W/kg; SAR(10 g) = 0.319 W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: W-LAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.96 mho/m; ε_r = 51.3; ρ = 1000 kg/m³
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.24, 7.24, 7.24); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-02-26; Ambient Temp: 21.3; Tissue Temp: 21.8

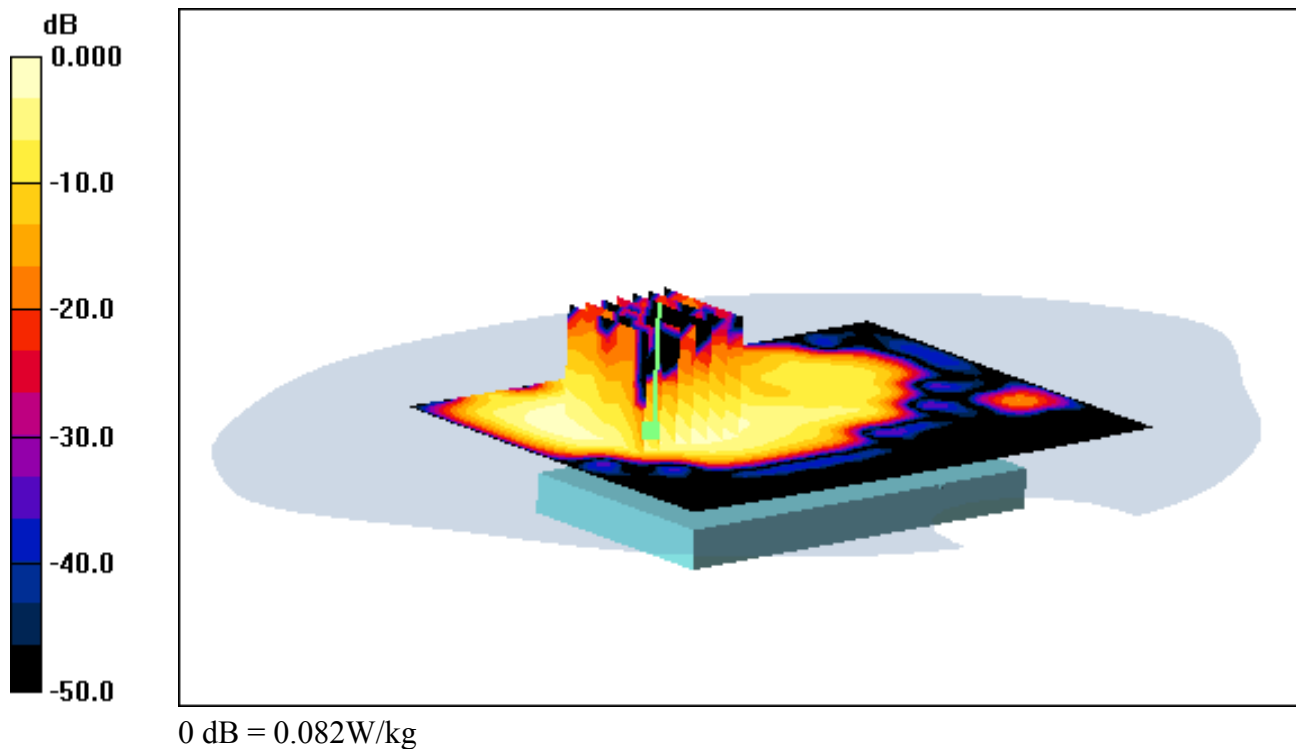**1 cm space from Body, Front, 2.4G_W-LAN(802.11b) Ch. 6, Ant.Internal, Ant.2**

Area Scan (91x121x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.109 dB
Peak SAR (extrapolated) = 0.114 W/kg
SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.023 W/kg

0 dB = 0.082W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: W-LAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.96 mho/m; $ε_r$ = 51.3; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.24, 7.24, 7.24); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-02-26; Ambient Temp: 21.3; Tissue Temp: 21.8

1 cm space from Body, Front, 2.4G_W-LAN(802.11b) Ch. 6, Ant.Internal, Ant.2
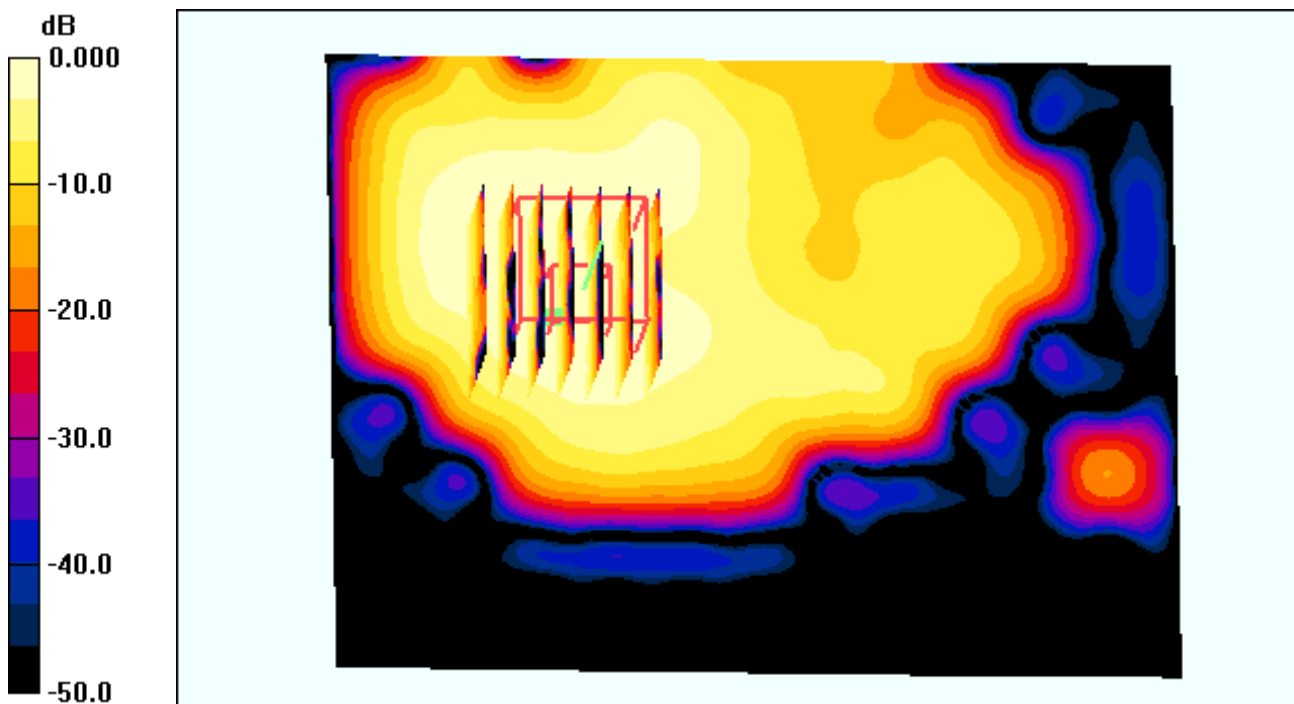
With Enlarge plot image

Area Scan (91x121x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.109 dB
Peak SAR (extrapolated) = 0.114 W/kg
SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.023 W/kg

0 dB = 0.082W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: W-LAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.96 mho/m; ε_r = 51.3; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.24, 7.24, 7.24); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-02-26; Ambient Temp: 21.3; Tissue Temp: 21.8

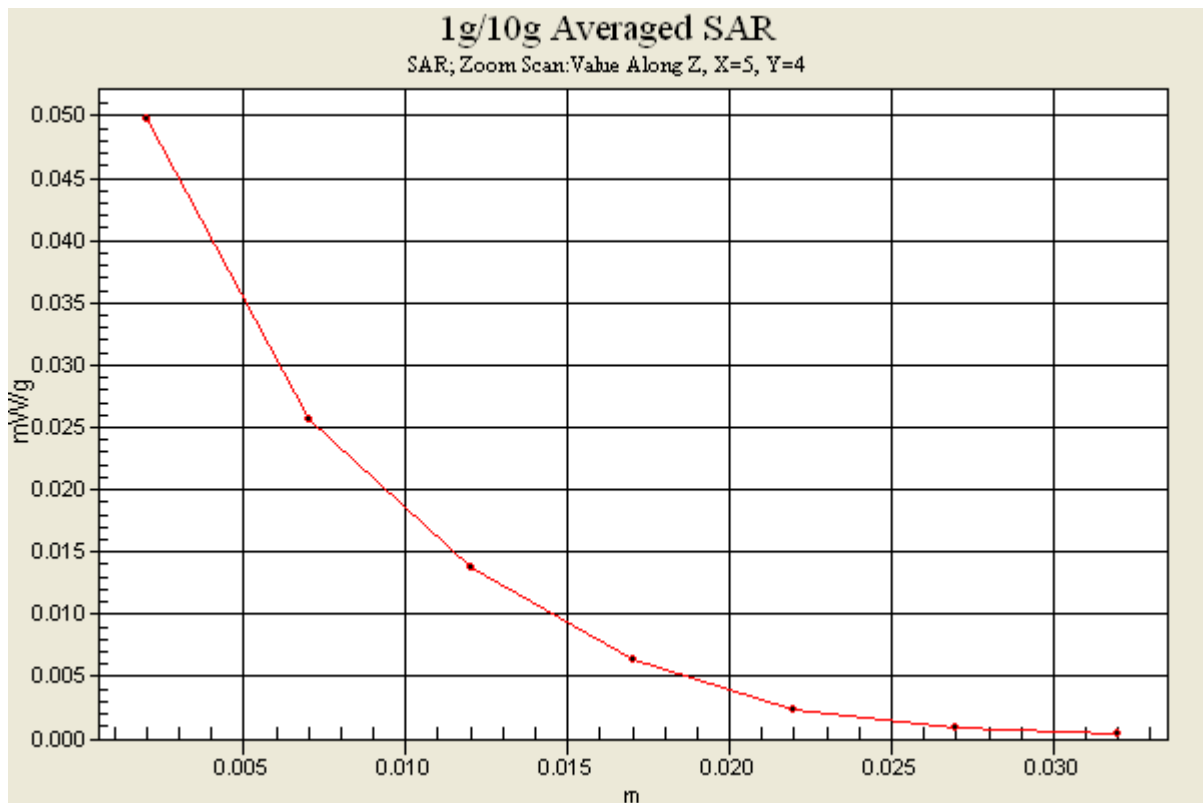**1 cm space from Body, Front, 2.4G_W-LAN(802.11b) Ch. 6, Ant.Internal, Ant.2**

Area Scan (91x121x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.109 dB
Peak SAR (extrapolated) = 0.114 W/kg
SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.023 W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: W-LAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.96 mho/m; ε_r = 51.3; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.24, 7.24, 7.24); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-02-26; Ambient Temp: 21.3; Tissue Temp: 21.8

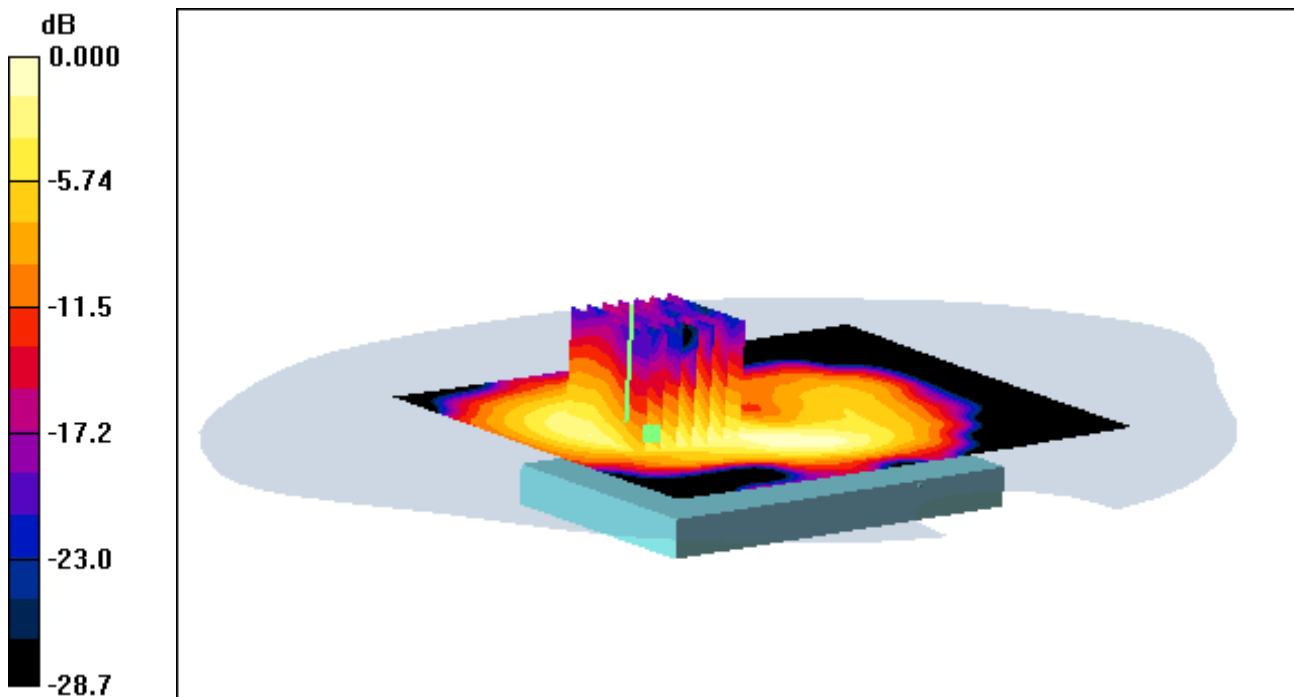## 1 cm space from Body, Front, 2.4G_W-LAN(802.11n HT20) Ch. 6, Ant.Internal, MIMO

Area Scan (91x121x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.191 dB
Peak SAR (extrapolated) = 0.217 W/kg
SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.053 W/kg

0 dB = 0.165W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: W-LAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.96 mho/m; ε_r = 51.3; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.24, 7.24, 7.24); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-02-26; Ambient Temp: 21.3; Tissue Temp: 21.8

1 cm space from Body, Front, 2.4G_W-LAN(802.11n HT20) Ch. 6, Ant.Internal, MIMO
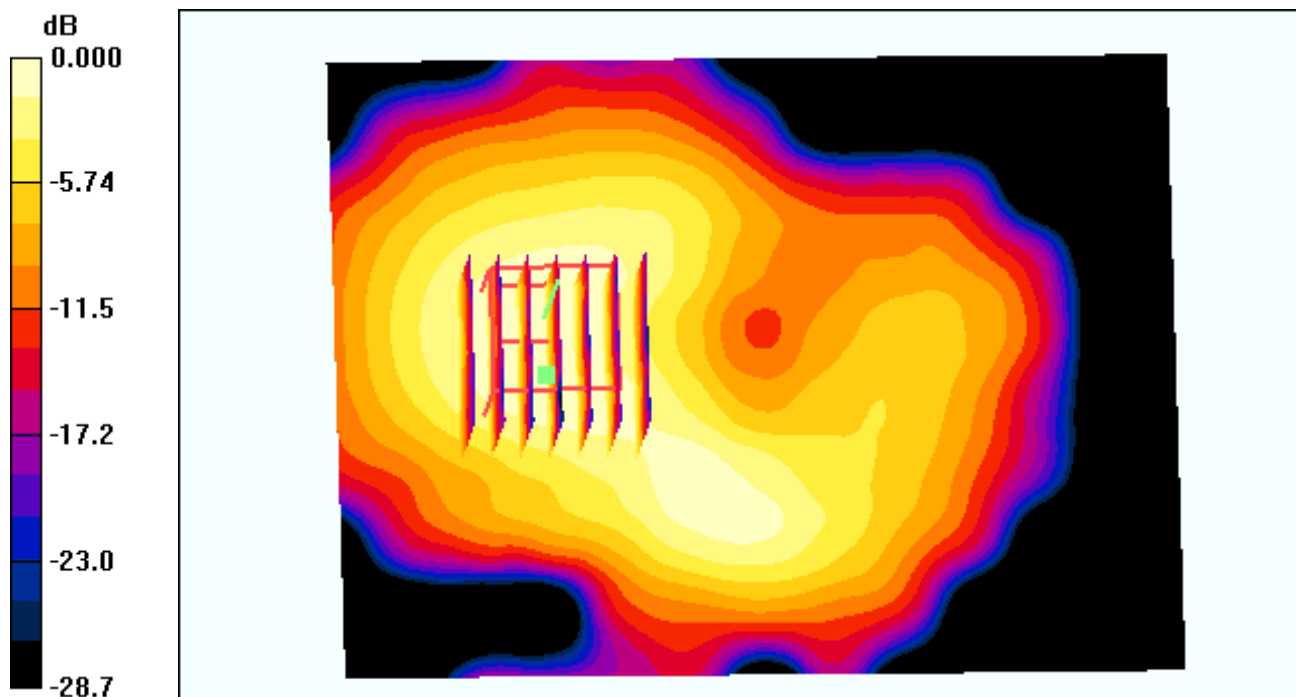
With Enlarge plot image

Area Scan (91x121x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.191 dB
Peak SAR (extrapolated) = 0.217 W/kg
SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.053 W/kg

0 dB = 0.165W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: W-LAN; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.96 mho/m; ε_r = 51.3; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.24, 7.24, 7.24); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-02-26; Ambient Temp: 21.3; Tissue Temp: 21.8

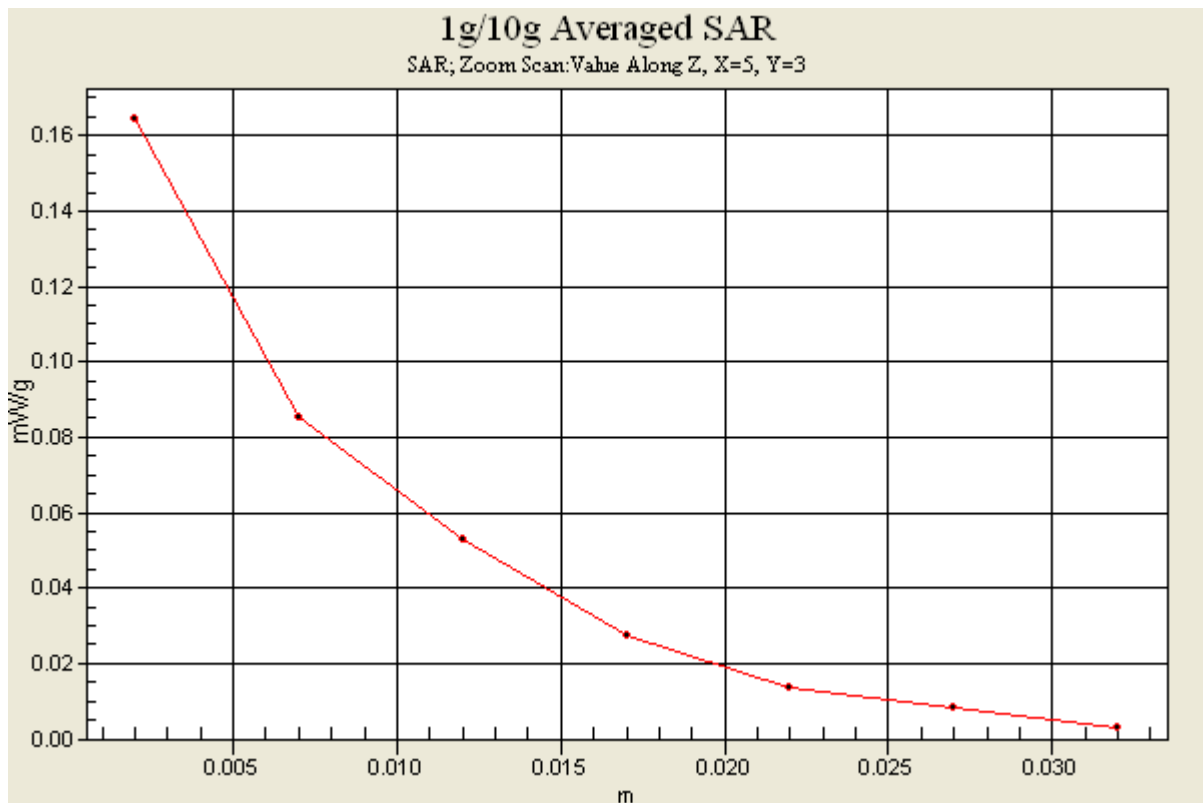**1 cm space from Body, Front, 2.4G_W-LAN(802.11n HT20) Ch. 6, Ant.Internal, MIMO**

Area Scan (91x121x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.191 dB
Peak SAR (extrapolated) = 0.217 W/kg
SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.053 W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: W-LAN; Frequency: 2452 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2452 MHz; σ = 1.96 mho/m; $ε_r$ = 52.4; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.24, 7.24, 7.24); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-02-27; Ambient Temp: 21.7; Tissue Temp: 22.2

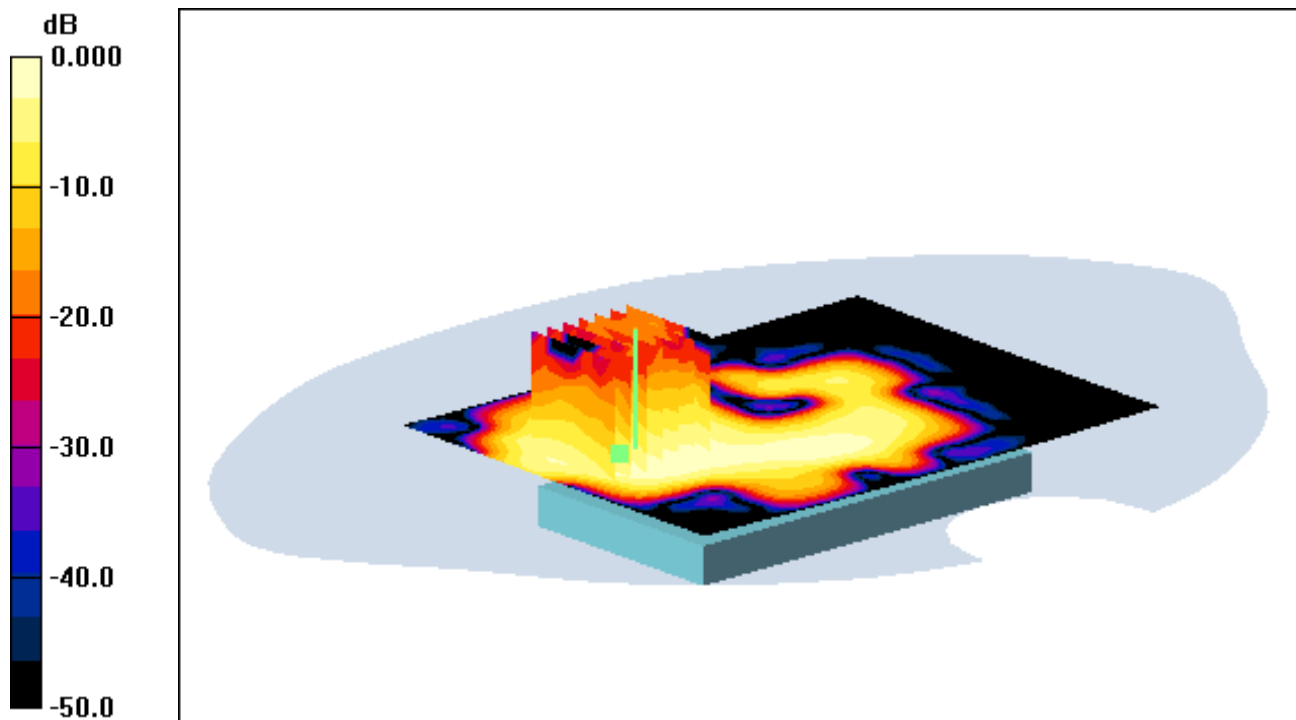## 1 cm space from Body, Front, 2.4G_W-LAN(802.11n HT40) Ch.9 , Ant.Internal, MIMO

Area Scan (91x121x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.005 dB
Peak SAR (extrapolated) = 0.133 W/kg
SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.033 W/kg

0 dB = 0.099W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: W-LAN; Frequency: 2452 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2452 MHz; σ = 1.96 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.24, 7.24, 7.24); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-02-27; Ambient Temp: 21.7; Tissue Temp: 22.2

1 cm space from Body, Front, 2.4G_W-LAN(802.11n HT40) Ch.9 , Ant.Internal, MIMO
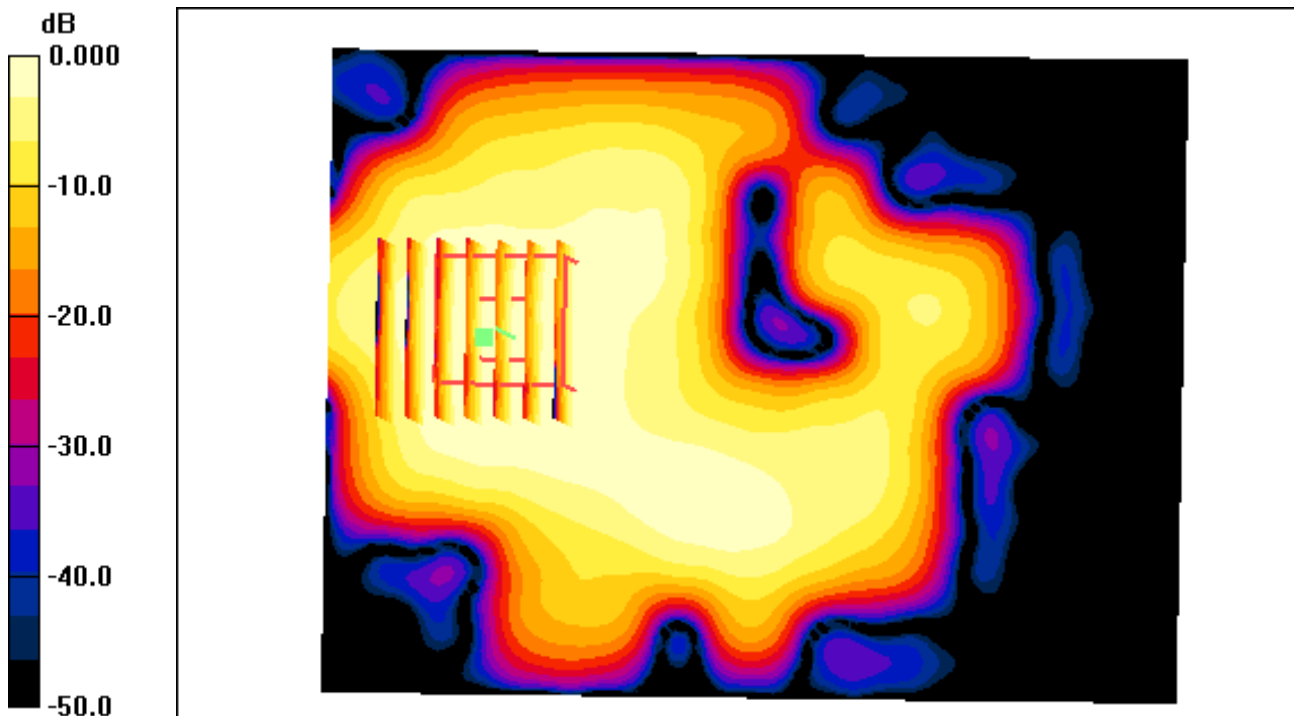
With Enlarge plot image

Area Scan (91x121x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.005 dB
Peak SAR (extrapolated) = 0.133 W/kg
SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.033 W/kg

0 dB = 0.099W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: W-LAN; Frequency: 2452 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2452 MHz; σ = 1.96 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.24, 7.24, 7.24); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-02-27; Ambient Temp: 21.7; Tissue Temp: 22.2

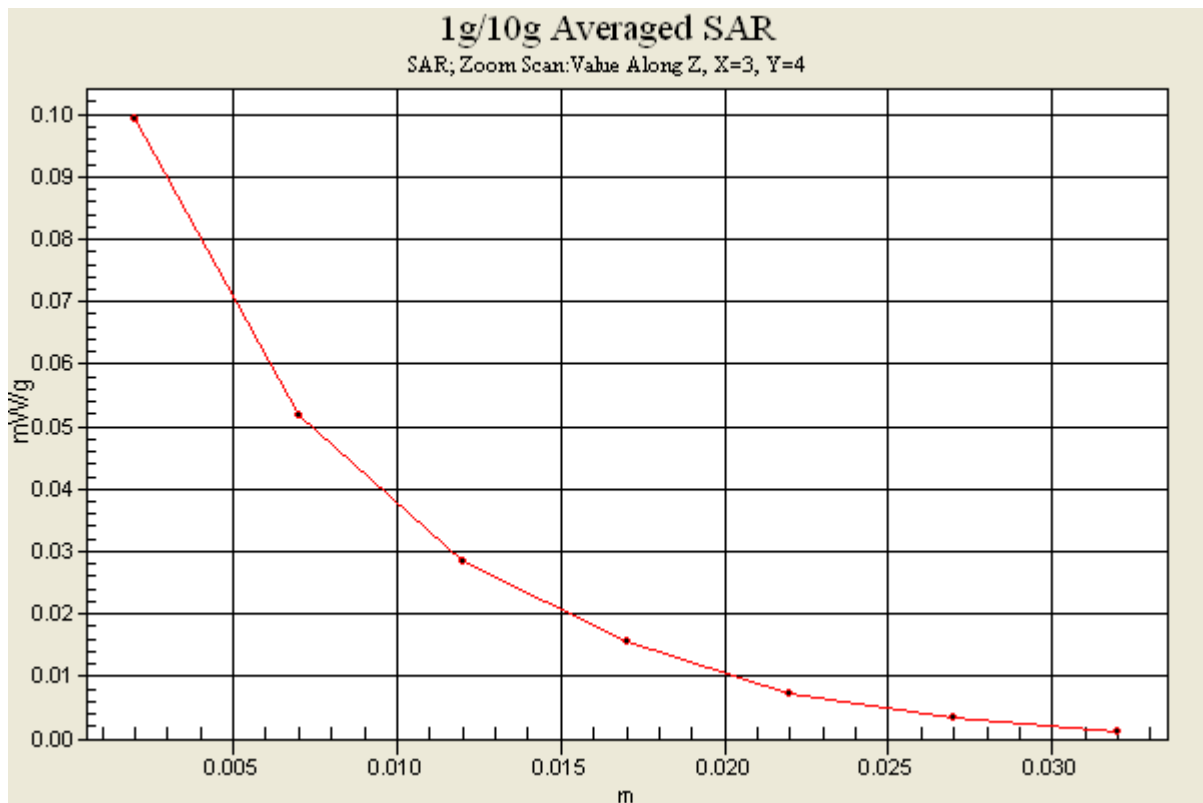**1 cm space from Body, Front, 2.4G_W-LAN(802.11n HT40) Ch.9 , Ant.Internal, MIMO**

Area Scan (91x121x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.005 dB
Peak SAR (extrapolated) = 0.133 W/kg
SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.033 W/kg

A6

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: W-LAN_5200; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5180 MHz; σ = 5.38 mho/m; $ε_r$ = 48.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.61, 4.61, 4.61); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-03-02; Ambient Temp: 22.1; Tissue Temp: 22.7

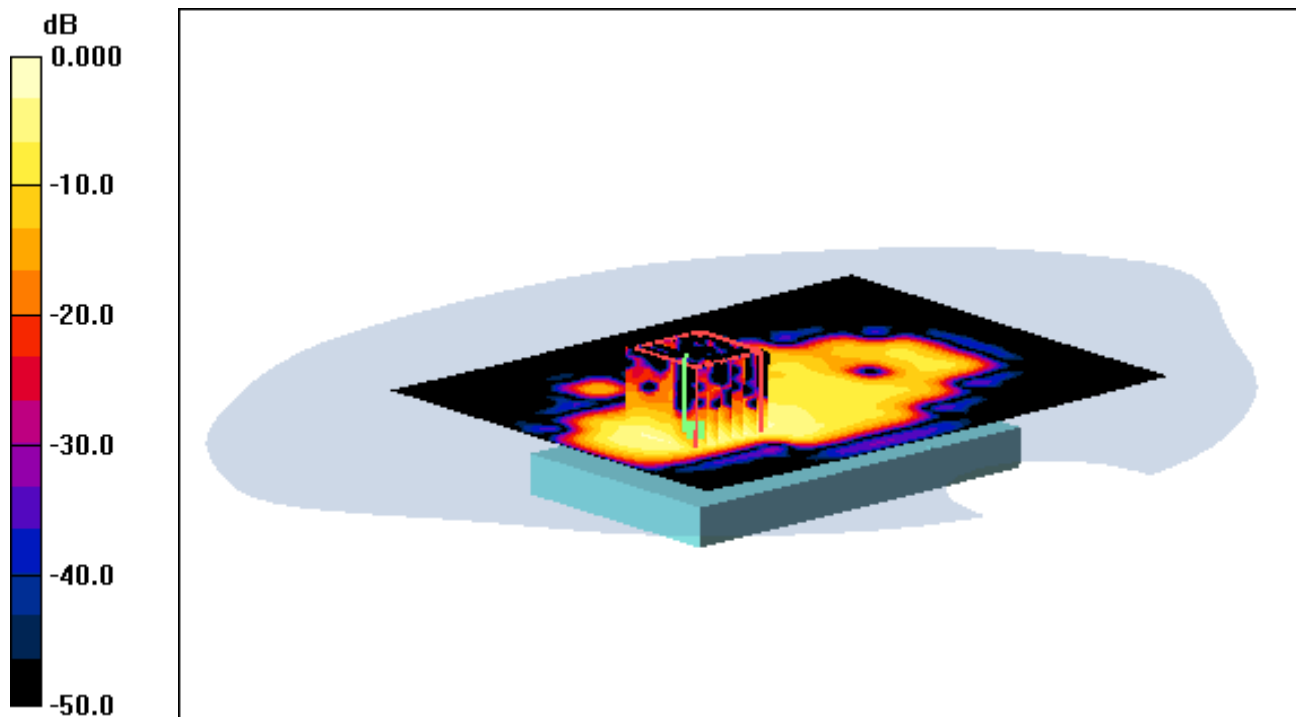**1 cm space from Body, Front, 5.2G_W-LAN(802.11a) Ch.36 , Ant.Internal, Ant.2**

Area Scan (111x151x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = -0.094 dB
Peak SAR (extrapolated) = 0.433 W/kg
SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.029 W/kg

0 dB = 0.213W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: W-LAN_5200; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5180 MHz; σ = 5.38 mho/m; ε_r = 48.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
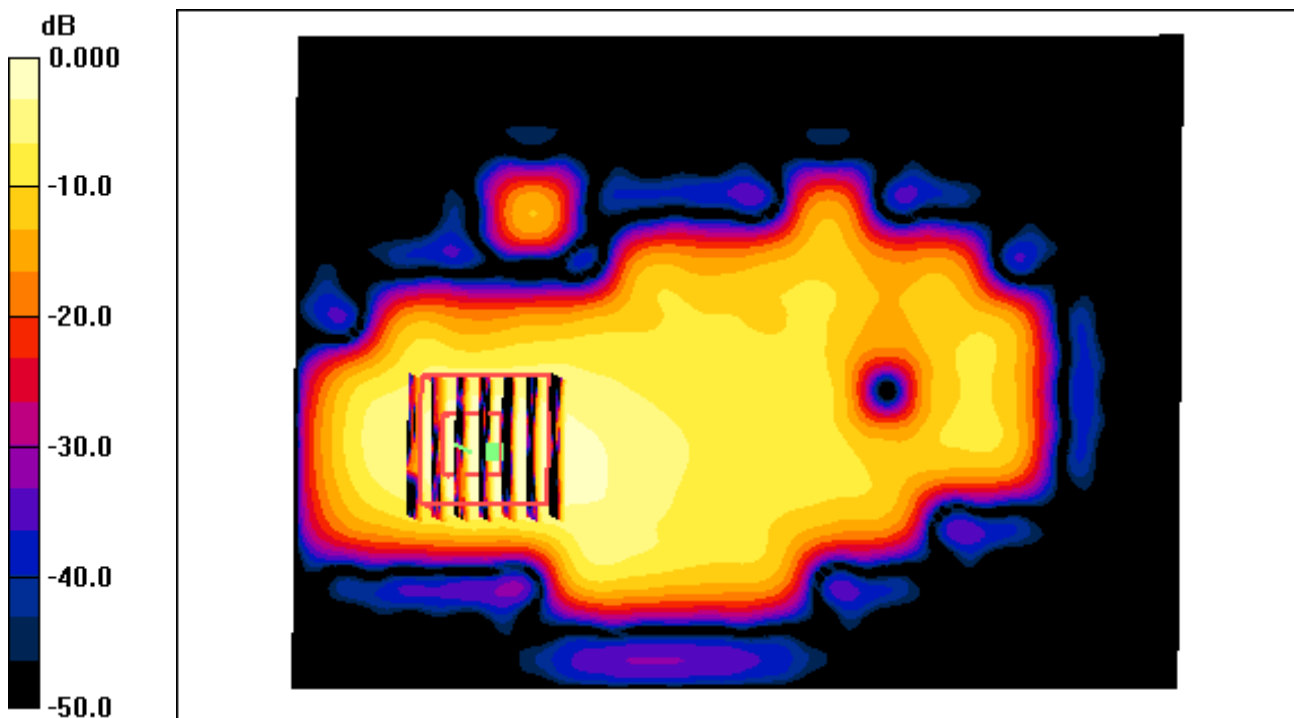
DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.61, 4.61, 4.61); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-03-02; Ambient Temp: 22.1; Tissue Temp: 22.7

1 cm space from Body, Front, 5.2G_W-LAN(802.11a) Ch.36 , Ant.Internal, Ant.2

With Enlarge plot image

Area Scan (111x151x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = -0.094 dB
Peak SAR (extrapolated) = 0.433 W/kg
SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.029 W/kg

0 dB = 0.213W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: W-LAN_5200; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5180 MHz; σ = 5.38 mho/m; ε_r = 48.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.61, 4.61, 4.61); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-03-02; Ambient Temp: 22.1; Tissue Temp: 22.7

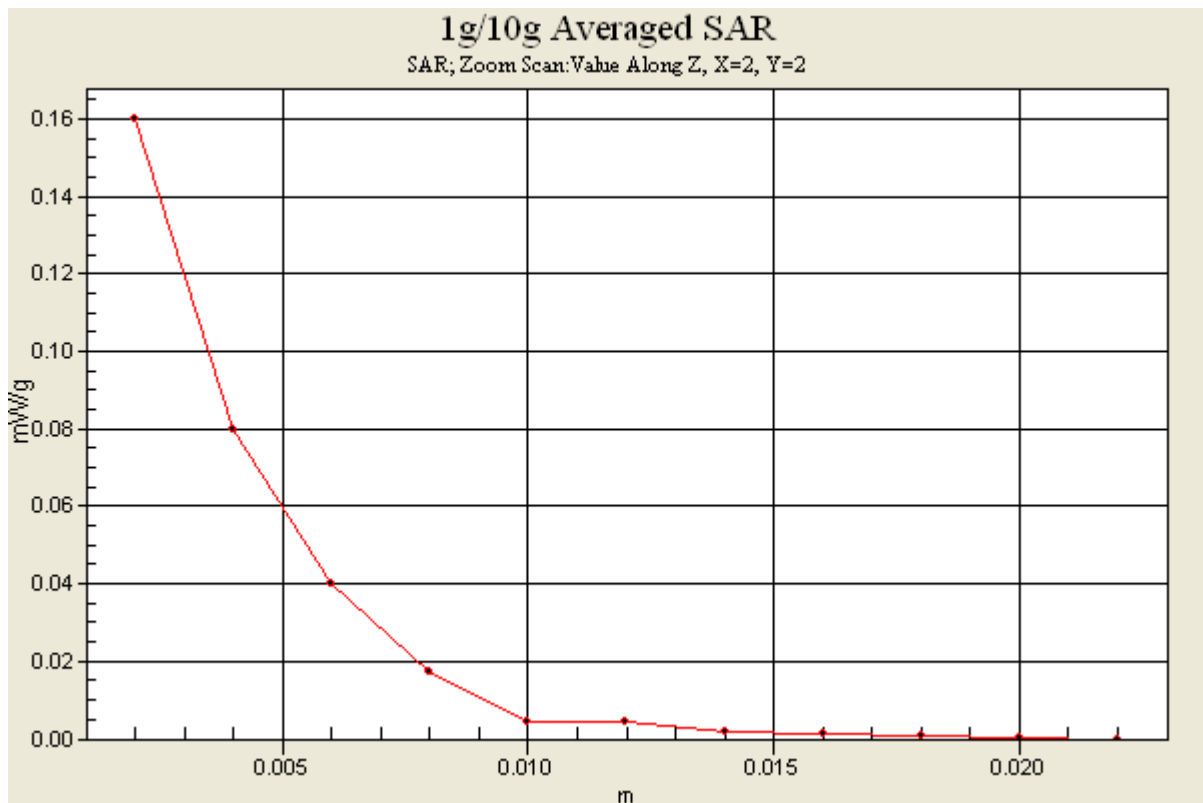**1 cm space from Body, Front, 5.2G_W-LAN(802.11a) Ch.36 , Ant.Internal, Ant.2**

Area Scan (111x151x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = -0.094 dB
Peak SAR (extrapolated) = 0.433 W/kg
SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.029 W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: W-LAN_5500; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5180 MHz; σ = 5.38 mho/m; ε_r = 48.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.61, 4.61, 4.61); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-03-02; Ambient Temp: 22.1; Tissue Temp: 22.7

1 cm space from Body, Front, 5.2G_W-LAN(802.11n HT20) Ch. 36, Ant.Internal, MIMO
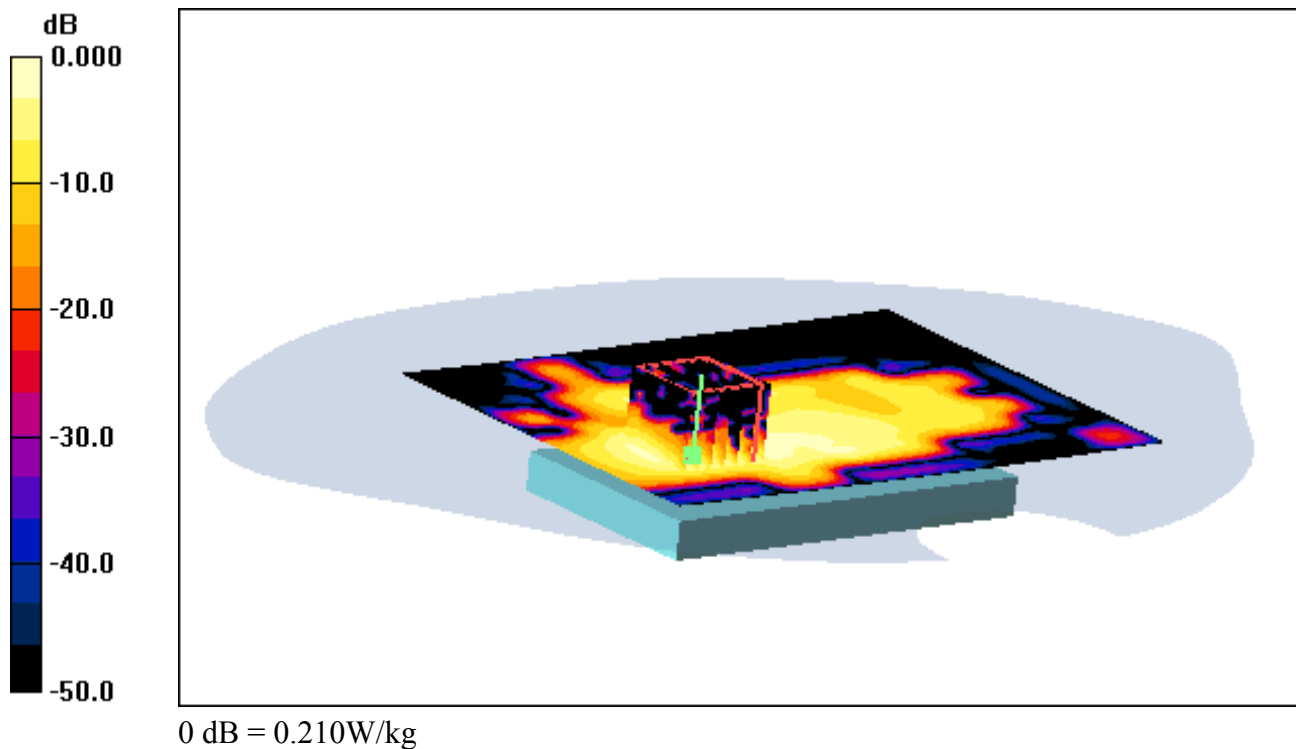
Area Scan (111x151x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = -0.014 dB
Peak SAR (extrapolated) = 0.437 W/kg
SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.035 W/kg

0 dB = 0.210W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: W-LAN_5500; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5180 MHz; σ = 5.38 mho/m; ε_r = 48.6; ρ = 1000 kg/m^3
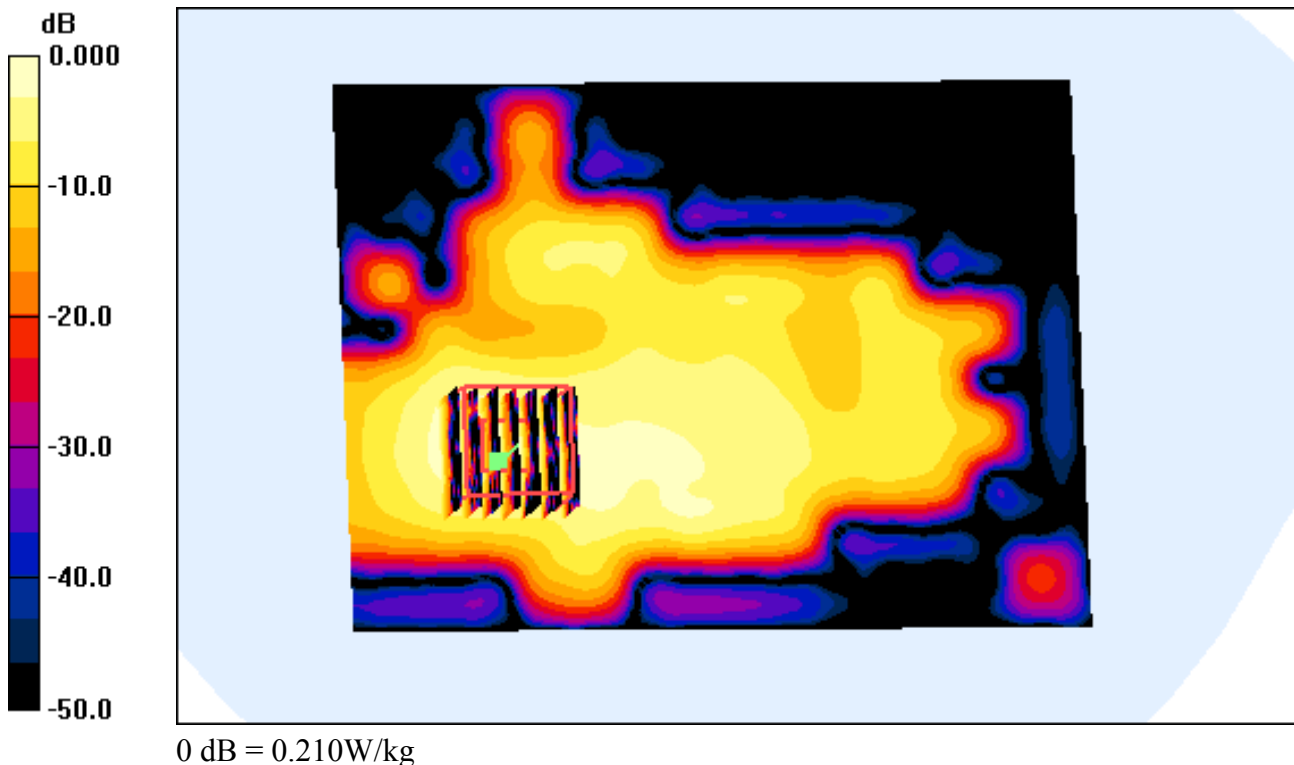Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.61, 4.61, 4.61); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-03-02; Ambient Temp: 22.1; Tissue Temp: 22.7

1 cm space from Body, Front, 5.2G_W-LAN(802.11n HT20) Ch. 36, Ant.Internal, MIMO

With Enlarge plot image

Area Scan (111x151x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = -0.014 dB
Peak SAR (extrapolated) = 0.437 W/kg
SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.035 W/kg

0 dB = 0.210W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: W-LAN_5500; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5180 MHz; σ = 5.38 mho/m; ε_r = 48.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.61, 4.61, 4.61); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-03-02; Ambient Temp: 22.1; Tissue Temp: 22.7

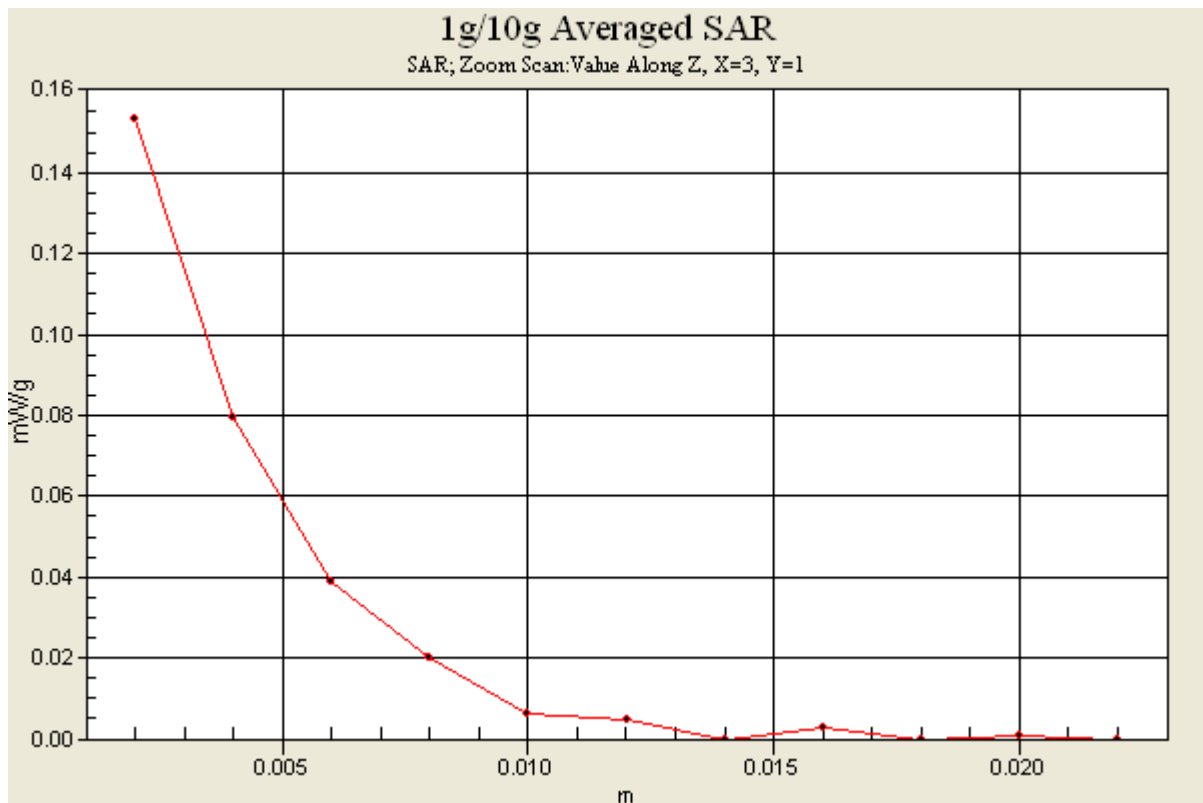**1 cm space from Body, Front, 5.2G_W-LAN(802.11n HT20) Ch. 36, Ant.Internal, MIMO**

Area Scan (111x151x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = -0.014 dB
Peak SAR (extrapolated) = 0.437 W/kg
SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.035 W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: W-LAN_5200; Frequency: 5190 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5190 MHz; σ = 5.31 mho/m; ε_r = 49.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.61, 4.61, 4.61); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

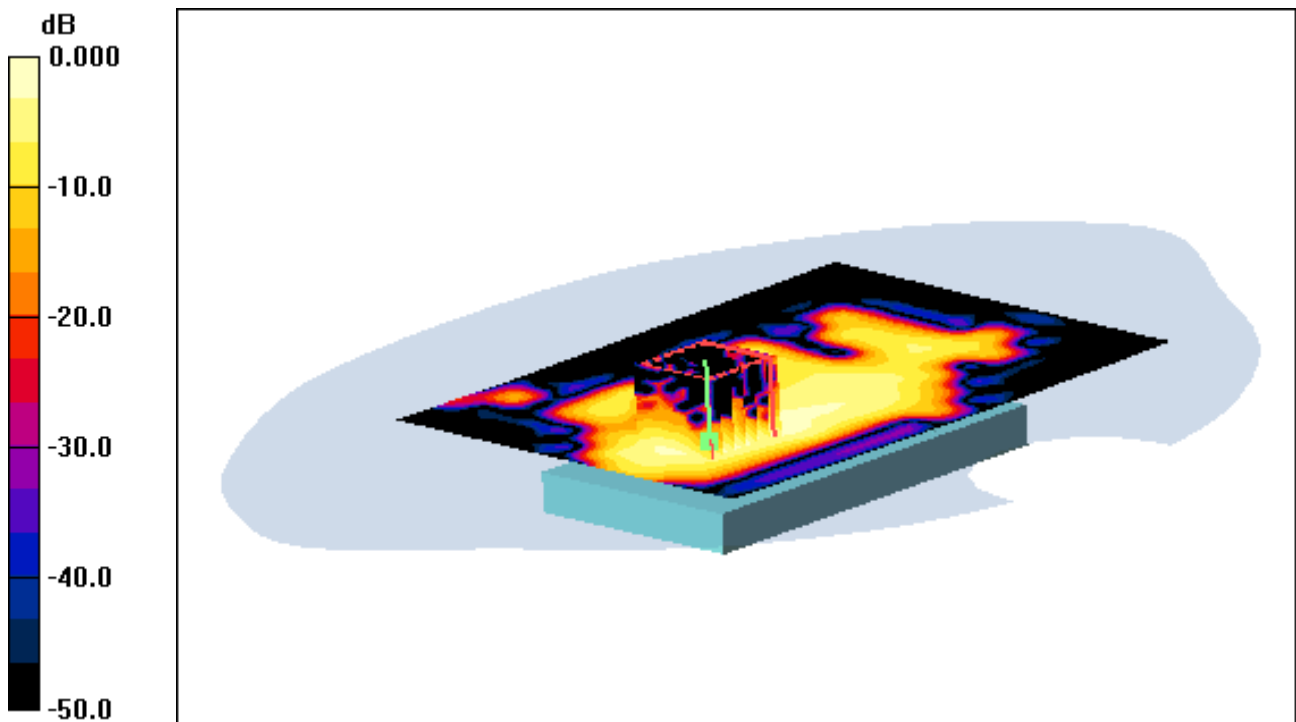Test Date: 2015-03-04; Ambient Temp: 21.9; Tissue Temp: 22.2

1 cm space from Body, Front, 5.2G_W-LAN(802.11n HT40) Ch. 38, Ant.Internal, MIMO

Area Scan (111x151x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.020 dB
Peak SAR (extrapolated) = 0.402 W/kg
SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.035 W/kg

0 dB = 0.214W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: W-LAN_5200; Frequency: 5190 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5190 MHz; σ = 5.31 mho/m; ε_r = 49.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
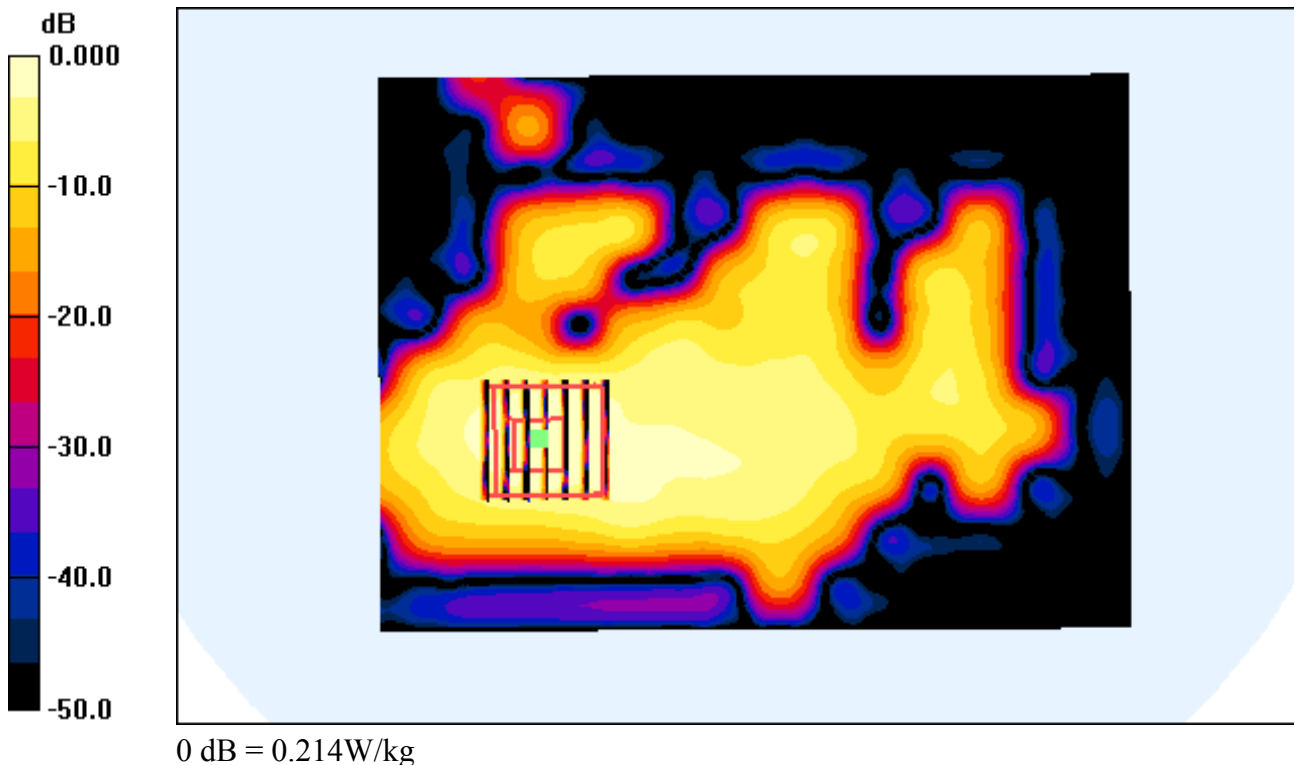
DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.61, 4.61, 4.61); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-03-04; Ambient Temp: 21.9; Tissue Temp: 22.2

1 cm space from Body, Front, 5.2G_W-LAN(802.11n HT40) Ch. 38, Ant.Internal, MIMO

With Enlarge plot image

Area Scan (111x151x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.020 dB
Peak SAR (extrapolated) = 0.402 W/kg
SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.035 W/kg

0 dB = 0.214W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: W-LAN_5200; Frequency: 5190 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5190 MHz; σ = 5.31 mho/m; ε_r = 49.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.61, 4.61, 4.61); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

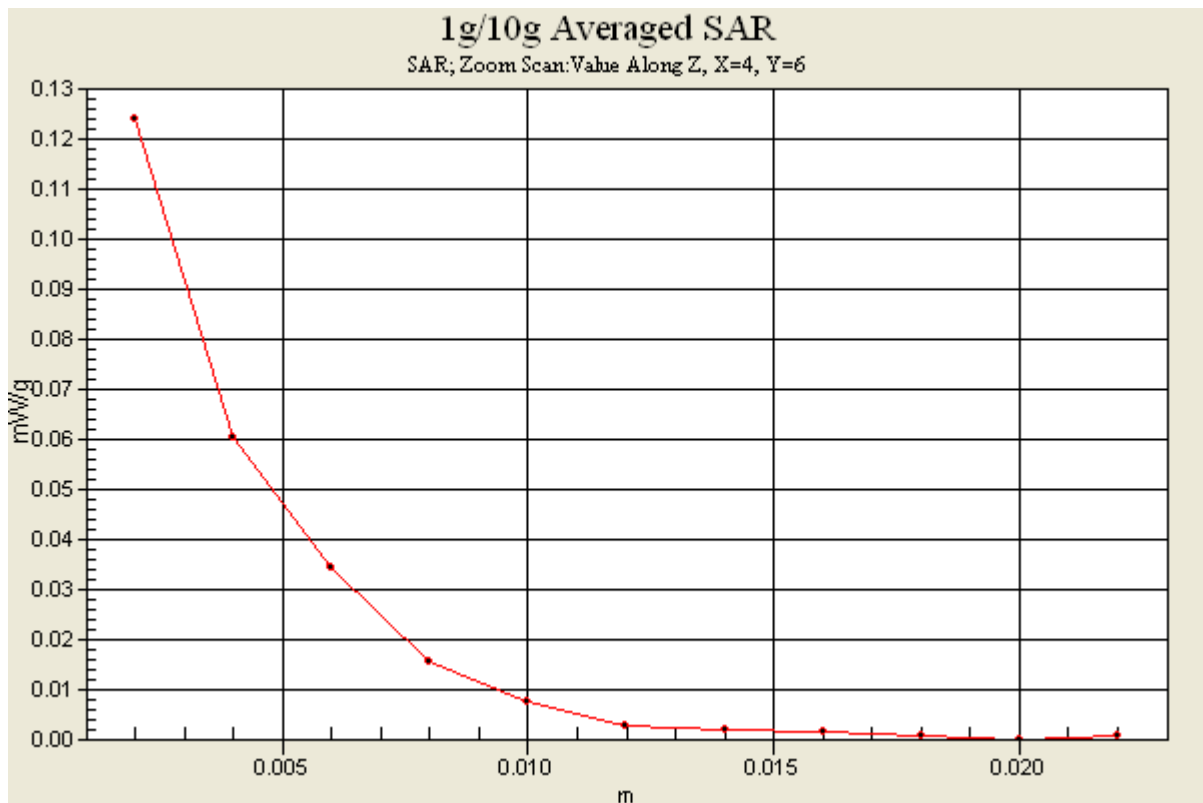Test Date: 2015-03-04; Ambient Temp: 21.9; Tissue Temp: 22.2

1 cm space from Body, Front, 5.2G_W-LAN(802.11n HT40) Ch. 38, Ant.Internal, MIMO

Area Scan (111x151x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.020 dB
Peak SAR (extrapolated) = 0.402 W/kg
SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.035 W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: W-LAN_5800; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 6.05 mho/m; ε_r = 48.2; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.24, 4.24, 4.24); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-03-03; Ambient Temp: 22.3; Tissue Temp: 22.6

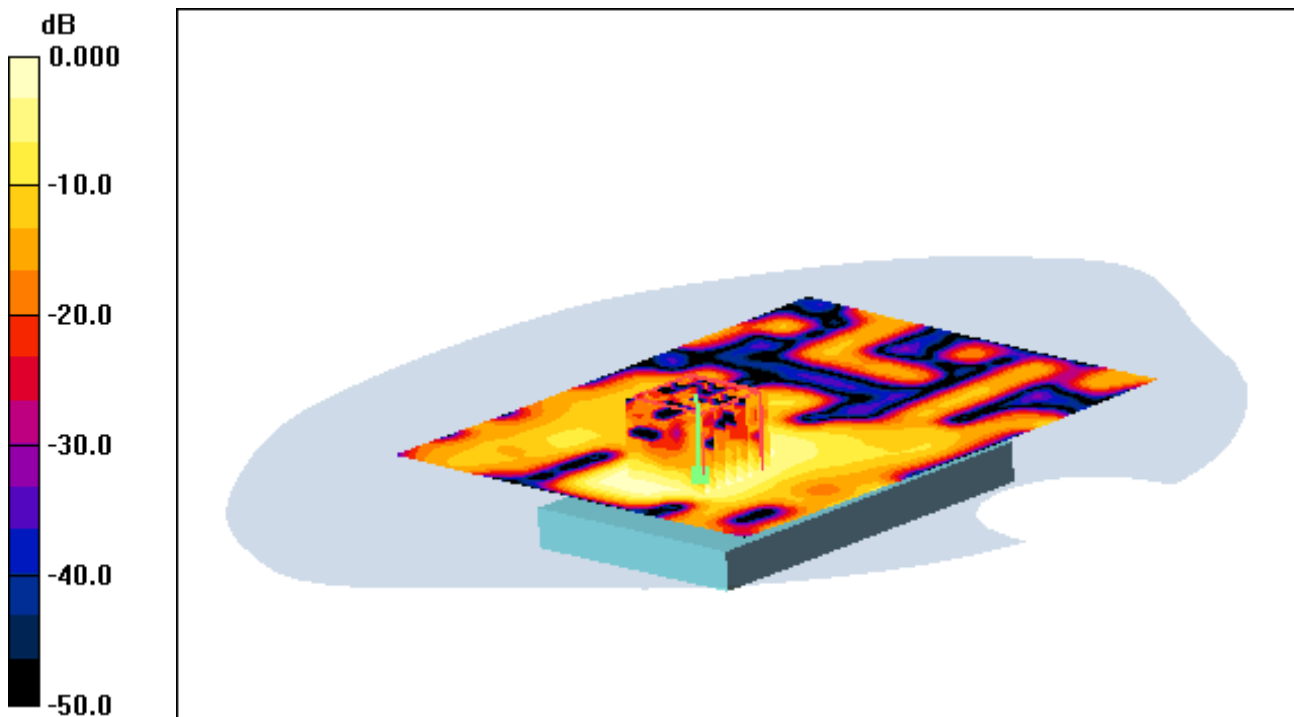**1 cm space from Body, Front, 5.8G_W-LAN(802.11a) Ch. 149, Ant.Internal, Ant.2**

Area Scan (111x151x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = -0.176 dB
Peak SAR (extrapolated) = 0.445 W/kg
SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.042 W/kg

0 dB = 0.224W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: W-LAN_5800; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 6.05 mho/m; ε_r = 48.2; ρ = 1000 kg/m^3
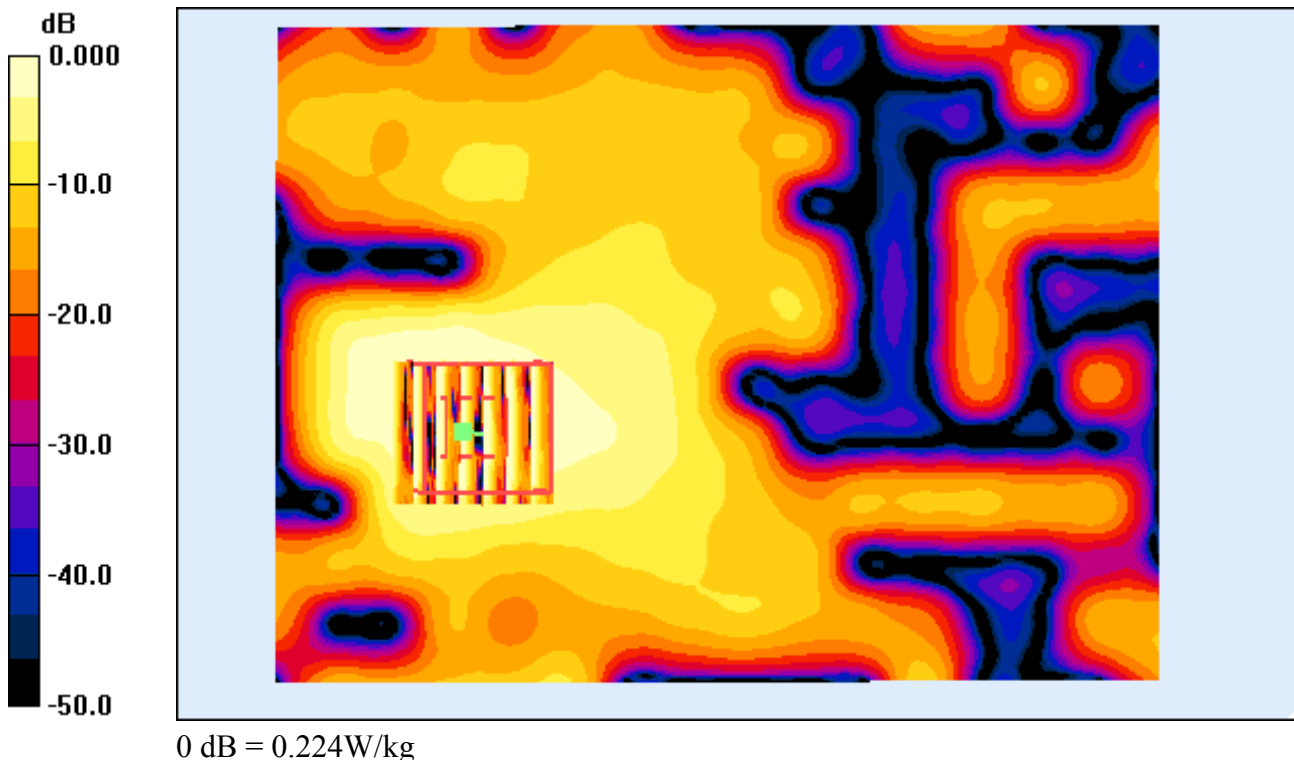Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.24, 4.24, 4.24); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-03-03; Ambient Temp: 22.3; Tissue Temp: 22.6

1 cm space from Body, Front, 5.8G_W-LAN(802.11a) Ch. 149, Ant.Internal, Ant.2

With Enlarge plot image

Area Scan (111x151x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = -0.176 dB
Peak SAR (extrapolated) = 0.445 W/kg
SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.042 W/kg

0 dB = 0.224W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: W-LAN_5800; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 6.05 mho/m; ε_r = 48.2; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.24, 4.24, 4.24); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-03-03; Ambient Temp: 22.3; Tissue Temp: 22.6

1 cm space from Body, Front, 5.8G_W-LAN(802.11a) Ch. 149, Ant.Internal, Ant.2
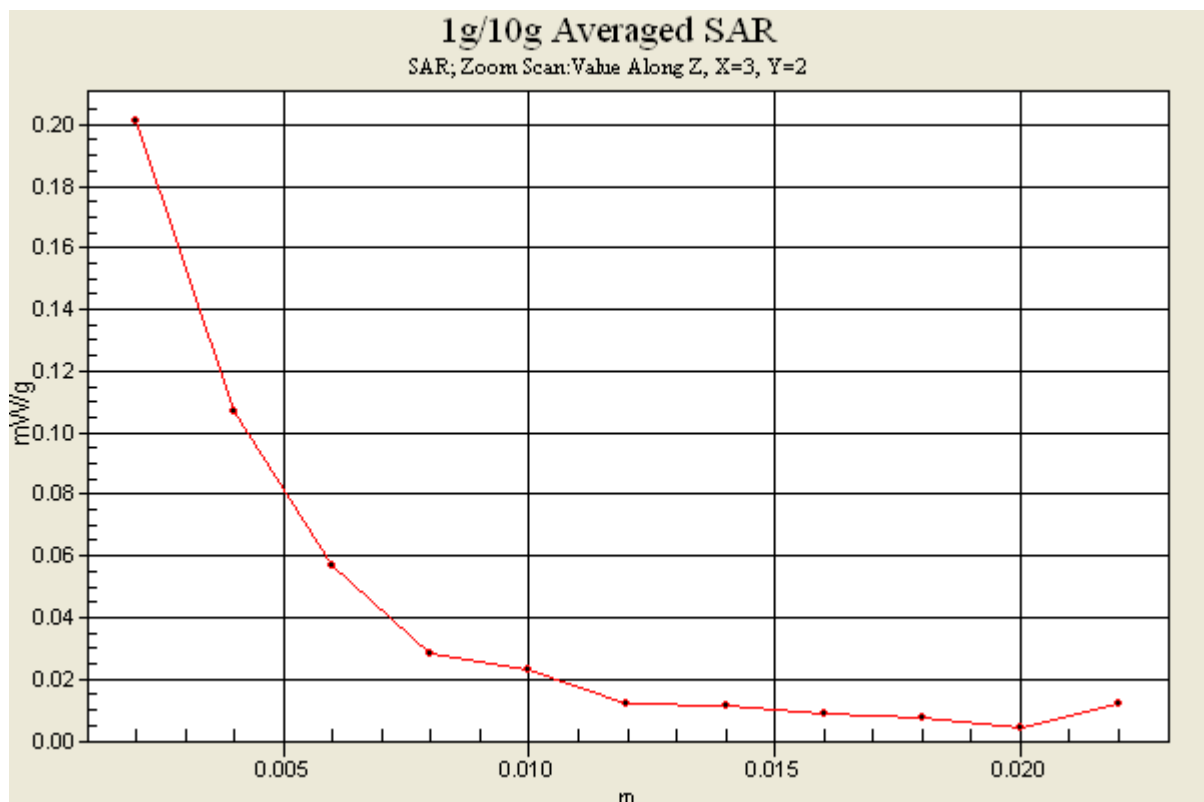
Area Scan (111x151x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = -0.176 dB
Peak SAR (extrapolated) = 0.445 W/kg
SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.042 W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: W-LAN_5800; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 6.05 mho/m; ε_r = 48.2; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.24, 4.24, 4.24); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-03-03; Ambient Temp: 22.3; Tissue Temp: 22.6

1 cm space from Body, Front, 5.8G_W-LAN(802.11n HT20) Ch. 149, Ant.Internal, MIMO
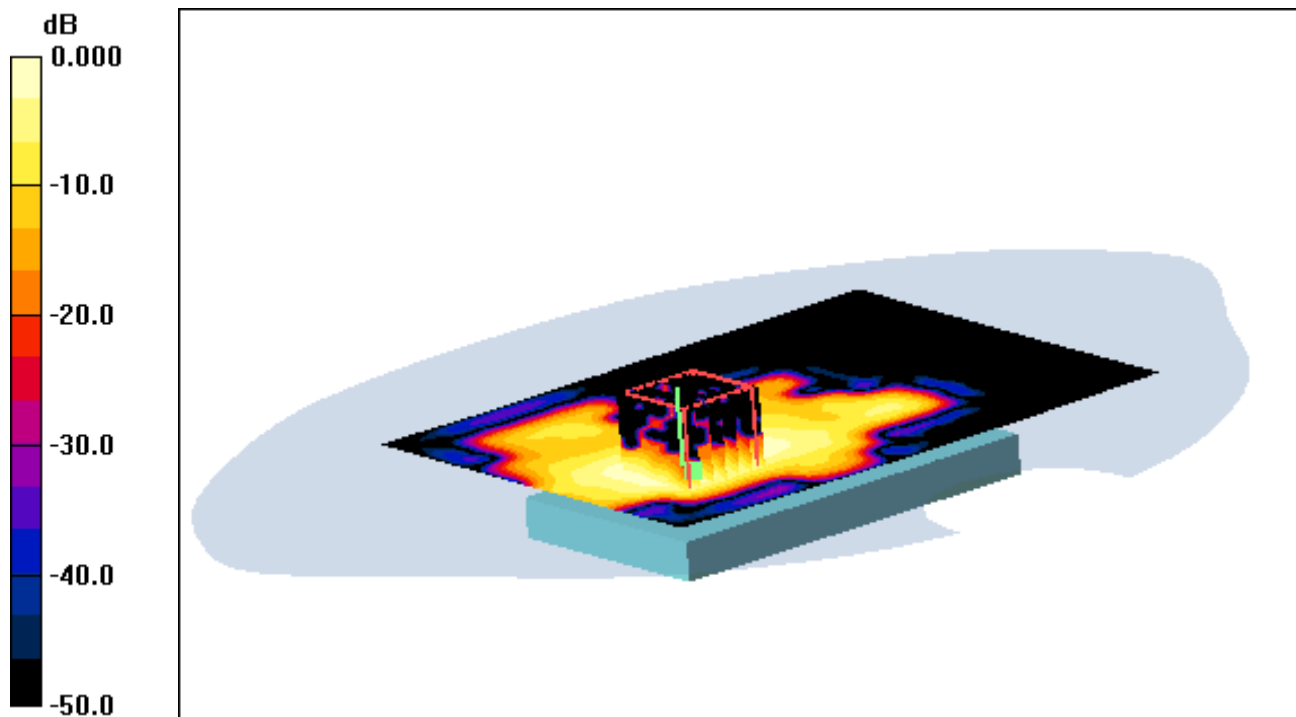
Area Scan (111x151x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = -0.182 dB
Peak SAR (extrapolated) = 0.498 W/kg
SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.044 W/kg

0 dB = 0.274W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: W-LAN_5800; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 6.05 mho/m; ε_r = 48.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
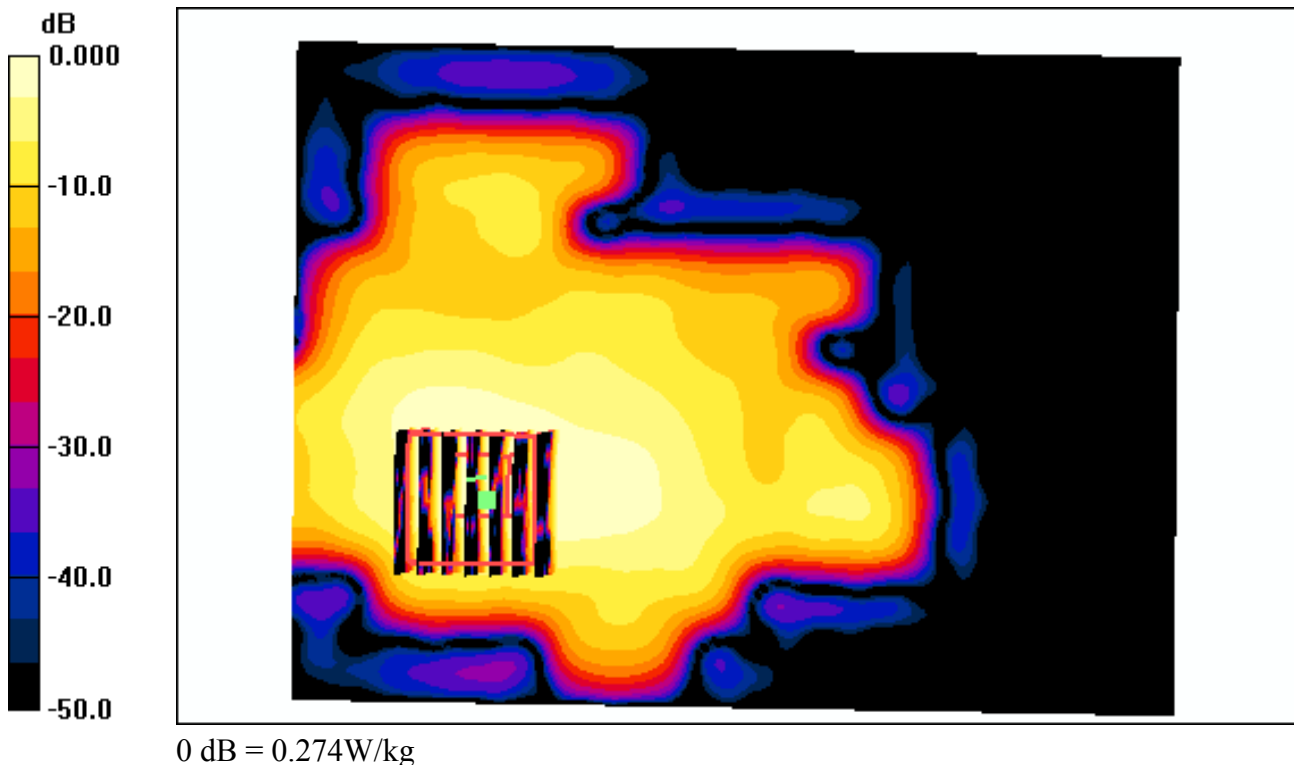
DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.24, 4.24, 4.24); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-03-03; Ambient Temp: 22.3; Tissue Temp: 22.6

1 cm space from Body, Front, 5.8G_W-LAN(802.11n HT20) Ch. 159, Ant.Internal, MIMO

With Enlarge plot image

Area Scan (111x151x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.71 V/m; Power Drift = -0.182 dB
Peak SAR (extrapolated) = 0.498 W/kg
SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.044 W/kg

0 dB = 0.274W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: W-LAN_5800; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 6.05 mho/m; $ε_r$ = 48.2; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.24, 4.24, 4.24); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-03-03; Ambient Temp: 22.3; Tissue Temp: 22.6

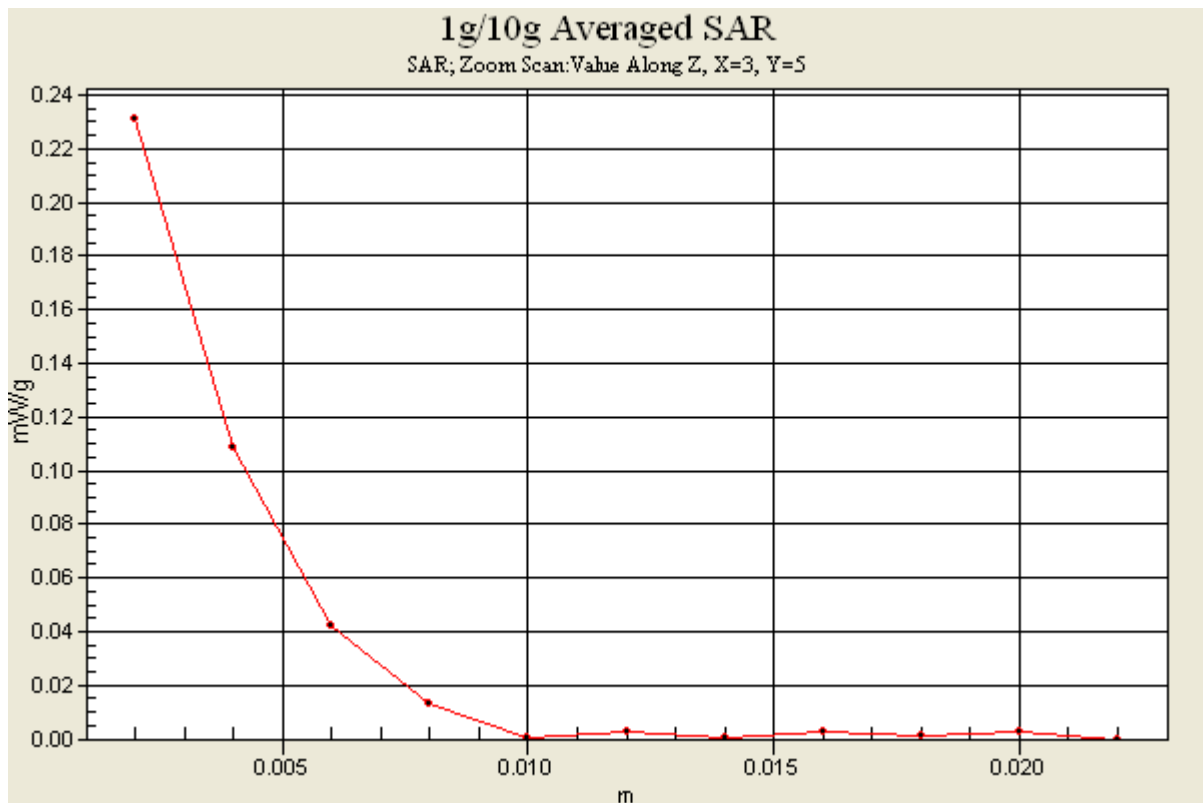**1 cm space from Body, Front, 5.8G_W-LAN(802.11n HT20) Ch. 149, Ant.Internal, MIMO**

Area Scan (111x151x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = -0.182 dB
Peak SAR (extrapolated) = 0.498 W/kg
SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.044 W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: W-LAN_5800; Frequency: 5795 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5795 MHz; σ = 6.07 mho/m; ε_r = 46.7; ρ = 1000 kg/m^3
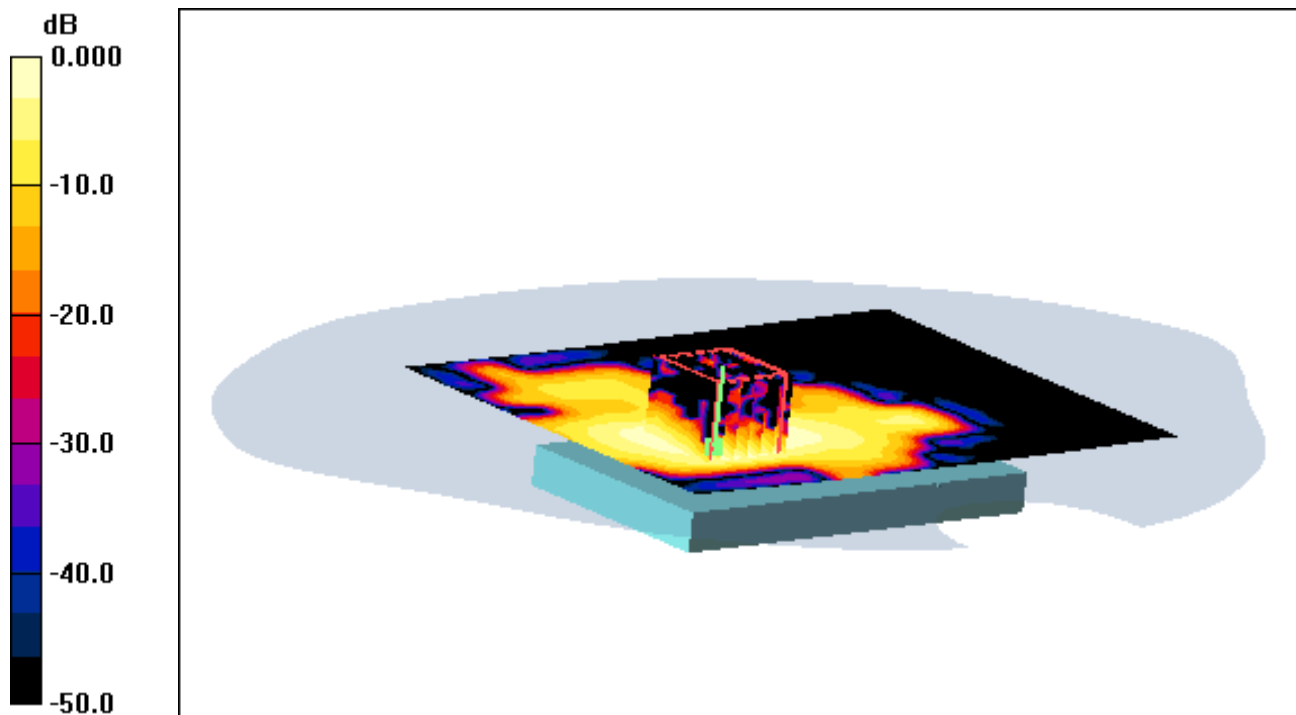Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.21, 4.21, 4.21); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-03-05; Ambient Temp: 22.2; Tissue Temp: 22.4

1 cm space from Body, Front, 5.8G_W-LAN(802.11n HT40) Ch. 159, Ant.Internal, MIMO

Area Scan (111x151x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.018 dB
Peak SAR (extrapolated) = 0.515 W/kg
SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.046 W/kg

0 dB = 0.265W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: W-LAN_5800; Frequency: 5795 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5795 MHz; σ = 6.07 mho/m; $ε_r$ = 46.7; ρ = 1000 kg/m^3
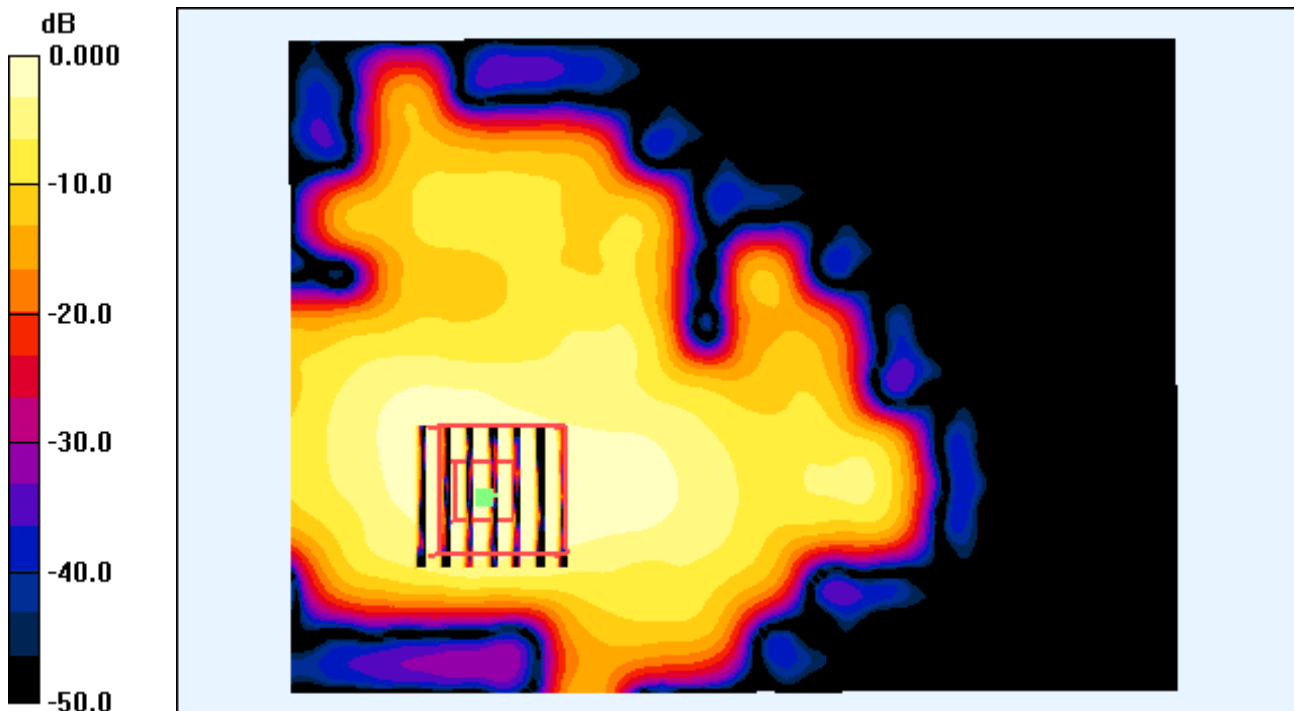Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.21, 4.21, 4.21); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-03-05; Ambient Temp: 22.2; Tissue Temp: 22.4

1 cm space from Body, Front, 5.8G_W-LAN(802.11n HT40) Ch. 159, Ant.Internal, MIMO

With Enlarge plot image

Area Scan (111x151x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.018 dB
Peak SAR (extrapolated) = 0.515 W/kg
SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.046 W/kg

0 dB = 0.265W/kg

DT&C Co., Ltd

DUT: IML-C4300W; Type: Wireless Router

Communication System: W-LAN_5800; Frequency: 5795 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5795 MHz; σ = 6.07 mho/m; $ε_r$ = 46.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.21, 4.21, 4.21); Calibrated: 2014-04-24; Electronics: DAE4 Sn1335
Phantom: SAM with CRP; Type: SAM; Serial: TP-1221
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2015-03-05; Ambient Temp: 22.2; Tissue Temp: 22.4

1 cm space from Body, Front, 5.8G_W-LAN(802.11n HT40) Ch. 159, Ant.Internal, MIMO

Area Scan (111x151x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Power Drift = 0.018 dB
Peak SAR (extrapolated) = 0.515 W/kg
SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.046 W/kg