



Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/16/2008 6:57:12 PM

Flat_GSM850 CH128_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.945$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV3 - SN3150; ConvF(6, 6, 6); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASYS, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.750 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

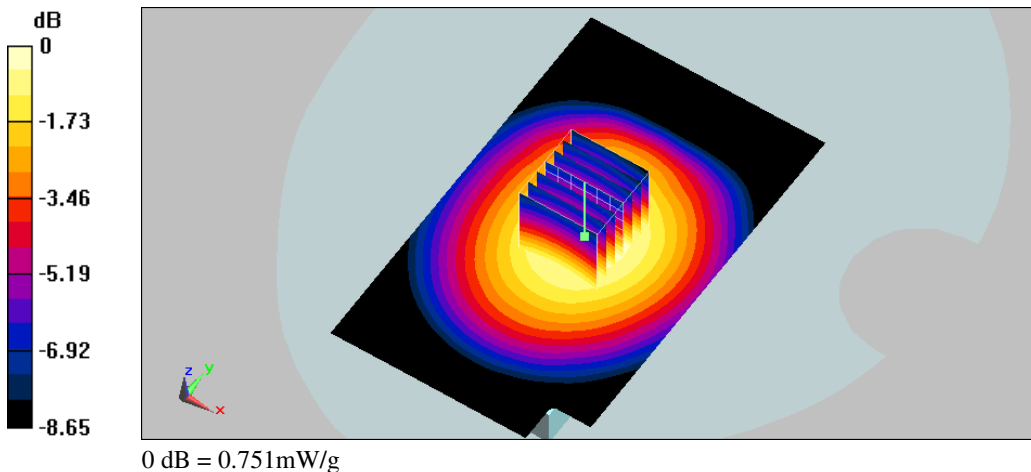
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.3 V/m; Power Drift = 0.00108 dB

Peak SAR (extrapolated) = 0.913 W/kg

SAR(1 g) = 0.714 mW/g; SAR(10 g) = 0.526 mW/g

Maximum value of SAR (measured) = 0.751 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/16/2008 6:37:23 PM

Flat_GSM850 CH190_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 837$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV3 - SN3150; ConvF(6, 6, 6); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x101x1):

Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.653 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

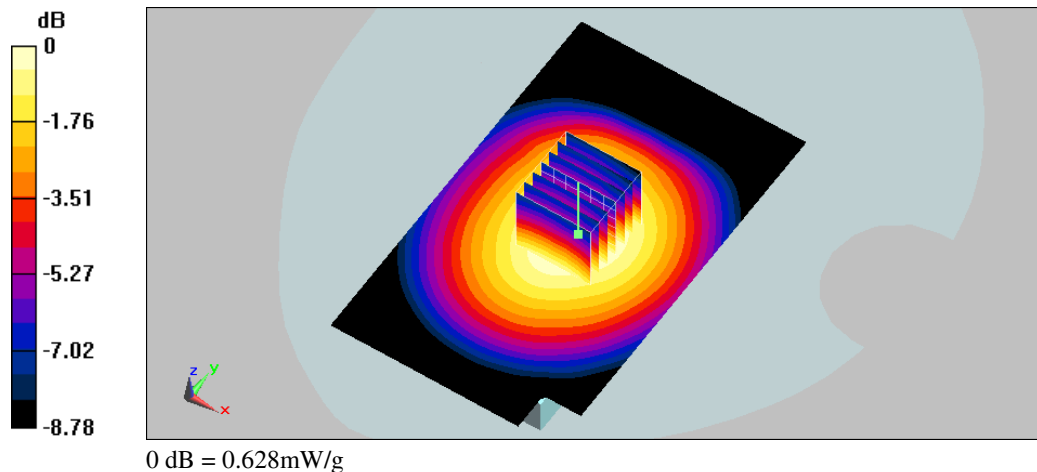
Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 15.1 V/m; Power Drift = 0.00243 dB

Peak SAR (extrapolated) = 0.758 W/kg

SAR(1 g) = 0.599 mW/g; SAR(10 g) = 0.443 mW/g

Maximum value of SAR (measured) = 0.628 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/16/2008 7:17:36 PM

Flat_GSM850 CH251_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 849$ MHz; $\sigma = 0.991$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV3 - SN3150; ConvF(6, 6, 6); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASYS, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x101x1):

Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.536 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

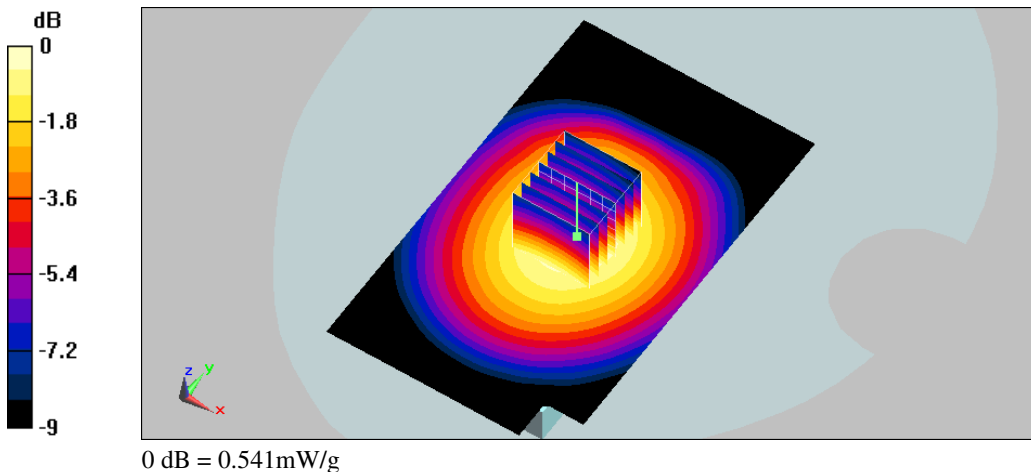
Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 13.3 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 0.659 W/kg

SAR(1 g) = 0.510 mW/g; SAR(10 g) = 0.375 mW/g

Maximum value of SAR (measured) = 0.541 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/14/2008 11:48:06 PM

Flat_GSM850 GPRS CH128_3Down 2Up_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: GSM 850 GPRS(3Down, 2Up); Frequency: 824.2 MHz; Duty Cycle: 1:4.2
Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.945$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV3 - SN3150; ConvF(6, 6, 6); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x91x1):

Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.6 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

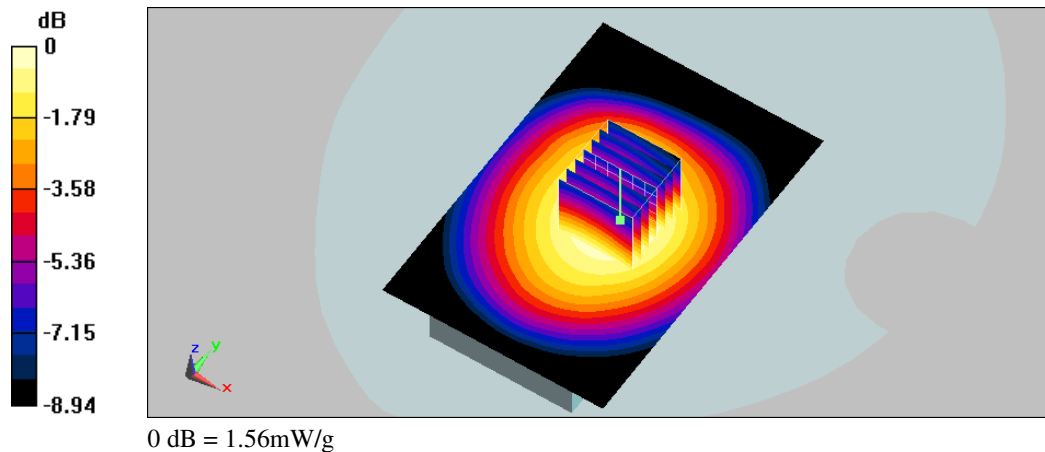
Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 25.2 V/m; Power Drift = 0.144 dB

Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 1.47 mW/g; SAR(10 g) = 1.09 mW/g

Maximum value of SAR (measured) = 1.56 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/15/2008 12:53:24 AM

Flat_GSM850 GPRS CH128_3Down 1Up_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: GSM 850 GPRS(3Down, 1Up); Frequency: 824.2 MHz; Duty Cycle: 1:8.3
Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.945$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV3 - SN3150; ConvF(6, 6, 6); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x91x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.750 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

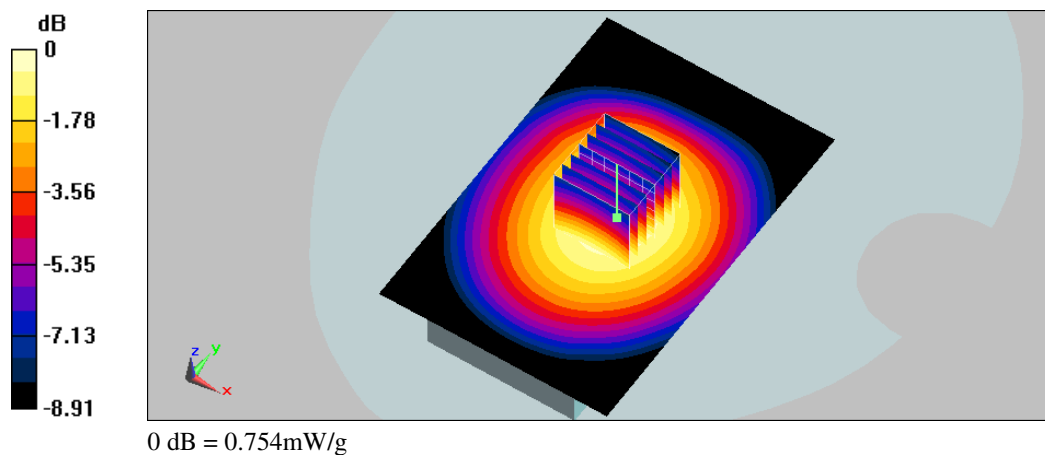
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.7 V/m; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 0.902 W/kg

SAR(1 g) = 0.714 mW/g; SAR(10 g) = 0.525 mW/g

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





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/15/2008 12:14:19 AM

Flat_GSM850 GPRS CH190_3Down 2Up_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: GSM 850 GPRS(3Down, 2Up); Frequency: 836.6 MHz; Duty Cycle: 1:4.2

Medium parameters used: $f = 837$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV3 - SN3150; ConvF(6, 6, 6); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x91x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.33 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

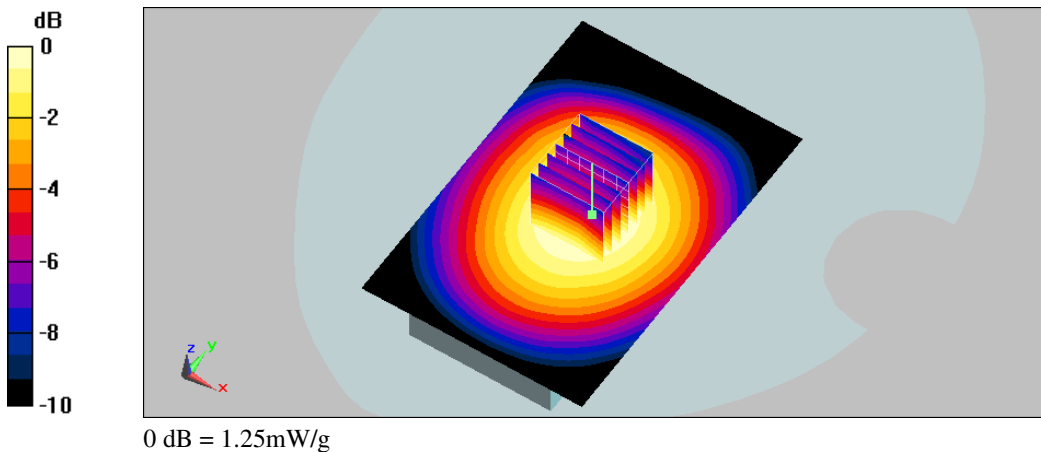
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.873 mW/g

Maximum value of SAR (measured) = 1.25 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/15/2008 12:33:23 AM

Flat_GSM850 GPRS CH251_3Down 2Up_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: GSM 850 GPRS(3Down, 2Up); Frequency: 848.8 MHz; Duty Cycle: 1:4.2

Medium parameters used: $f = 849 \text{ MHz}$; $\sigma = 0.991 \text{ mho/m}$; $\epsilon_r = 55.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV3 - SN3150; ConvF(6, 6, 6); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x91x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.04 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

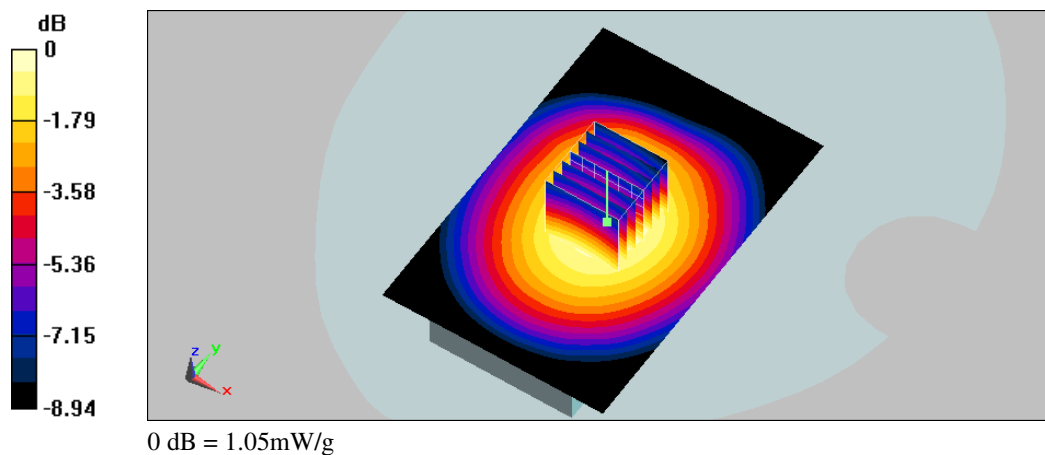
Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.3 V/m ; Power Drift = 0.0039 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.987 mW/g ; SAR(10 g) = 0.727 mW/g

Maximum value of SAR (measured) = 1.05 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/17/2008 1:04:42 AM

Flat_GSM850 EGPRS CH128_3Down 2Up_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: GSM 850 EGPRS (3Down, 2Up); Frequency: 824.2 MHz; Duty Cycle: 1:4.2
Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.945$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV3 - SN3150; ConvF(6, 6, 6); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x91x1):

Measurement grid: dx=15mm, dy=15mm

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

Flat/Zoom Scan (7x7x7)/Cube 0:

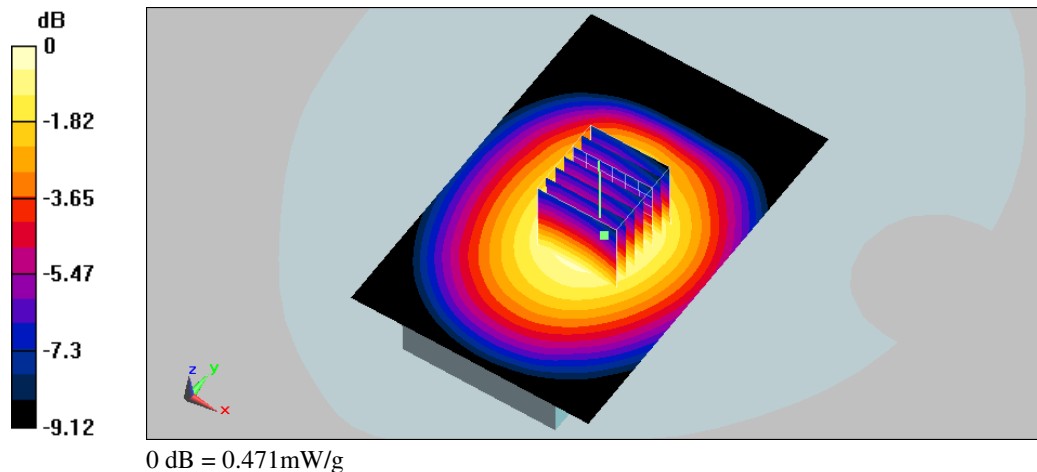
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.9 V/m; Power Drift = 0.083 dB

Peak SAR (extrapolated) = 0.569 W/kg

SAR(1 g) = 0.443 mW/g; SAR(10 g) = 0.329 mW/g

Maximum value of SAR (measured) = 0.471 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/17/2008 2:04:11 AM

Flat_GSM850 EGPRS CH128_3Down 1Up_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: GSM 850 EGPRS (3Down, 1Up); Frequency: 824.2 MHz; Duty Cycle: 1:8.3
Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.945$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV3 - SN3150; ConvF(6, 6, 6); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x91x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.232 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

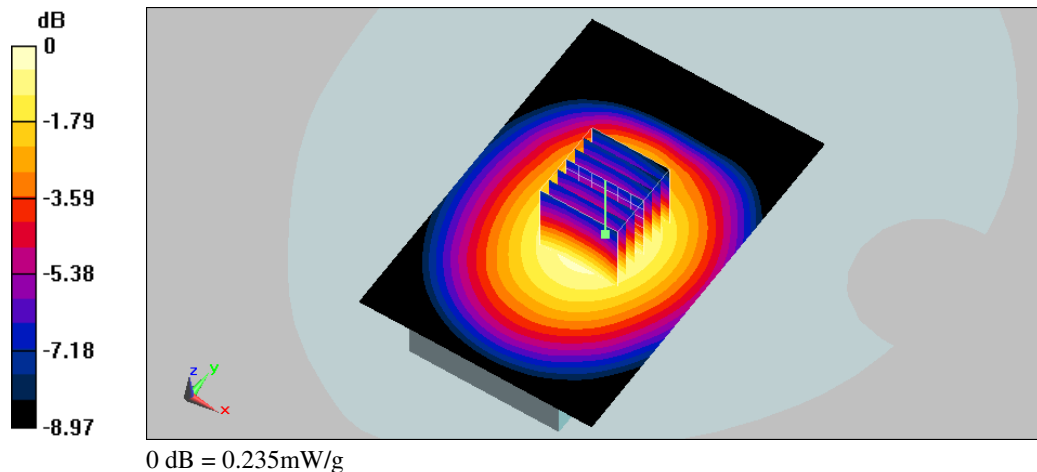
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.19 V/m; Power Drift = 0.076 dB

Peak SAR (extrapolated) = 0.289 W/kg

SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.164 mW/g

Maximum value of SAR (measured) = 0.235 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/17/2008 1:24:24 AM

Flat_GSM850 EGPRS CH190_3Down 2Up_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: GSM 850 EGPRS (3Down, 2Up); Frequency: 836.6 MHz; Duty Cycle: 1:4.2

Medium parameters used: $f = 837$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV3 - SN3150; ConvF(6, 6, 6); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x91x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.414 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

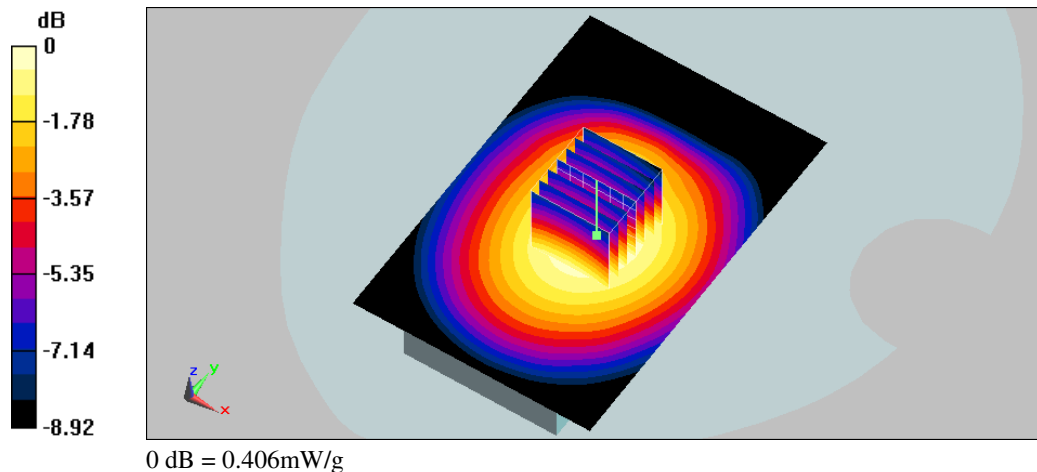
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.7 V/m; Power Drift = 0.031 dB

Peak SAR (extrapolated) = 0.490 W/kg

SAR(1 g) = 0.387 mW/g; SAR(10 g) = 0.286 mW/g

Maximum value of SAR (measured) = 0.406 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/17/2008 1:43:51 AM

Flat_GSM850 EGPRS CH251_3Down 2Up_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: GSM 850 EGPRS (3Down, 2Up); Frequency: 848.8 MHz; Duty Cycle: 1:4.2

Medium parameters used: $f = 849$ MHz; $\sigma = 0.991$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV3 - SN3150; ConvF(6, 6, 6); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x91x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.359 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

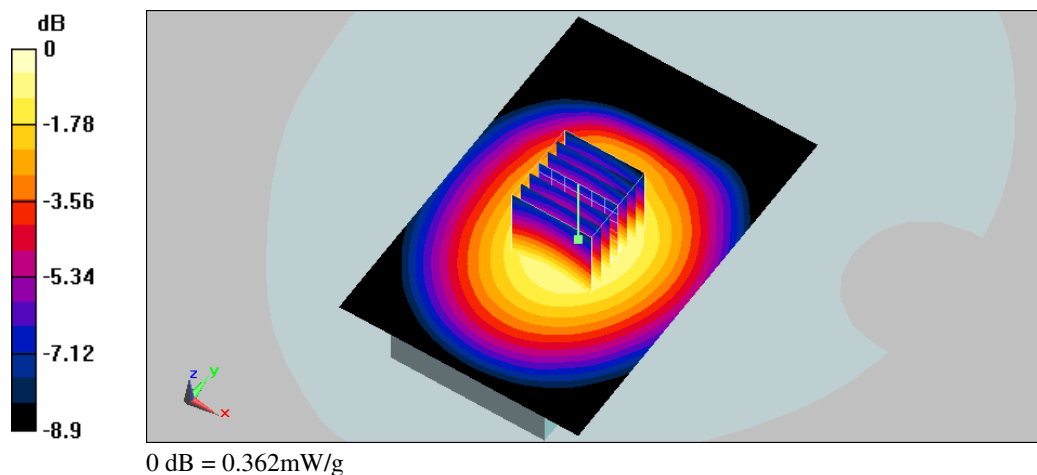
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.76 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 0.432 W/kg

SAR(1 g) = 0.341 mW/g; SAR(10 g) = 0.252 mW/g

Maximum value of SAR (measured) = 0.362 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/16/2008 8:53:05 PM

Flat_PCS CH512_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV3 - SN3150; ConvF(4.95, 4.95, 4.95); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.330 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

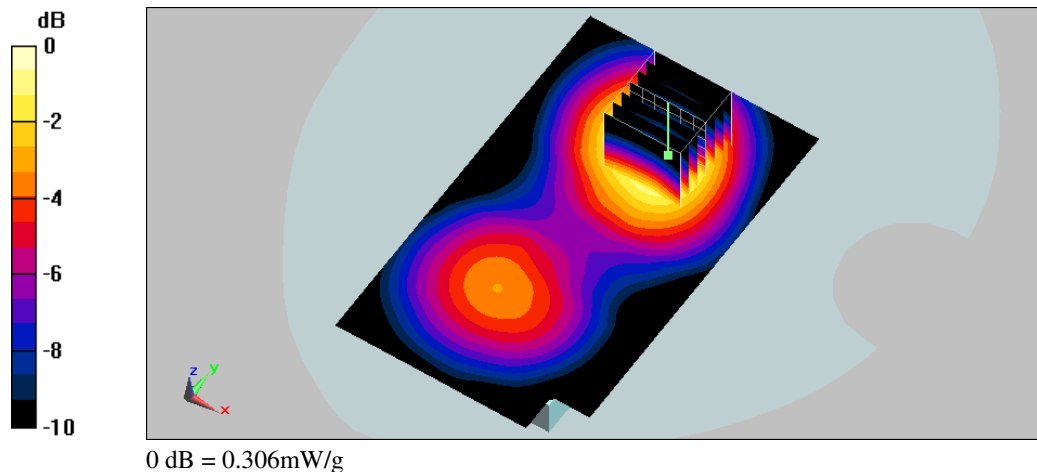
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 0.449 W/kg

SAR(1 g) = 0.281 mW/g; SAR(10 g) = 0.175 mW/g

Maximum value of SAR (measured) = 0.306 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/16/2008 9:20:28 PM

Flat_PCS CH661_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 52.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV3 - SN3150; ConvF(4.95, 4.95, 4.95); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x101x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.267 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

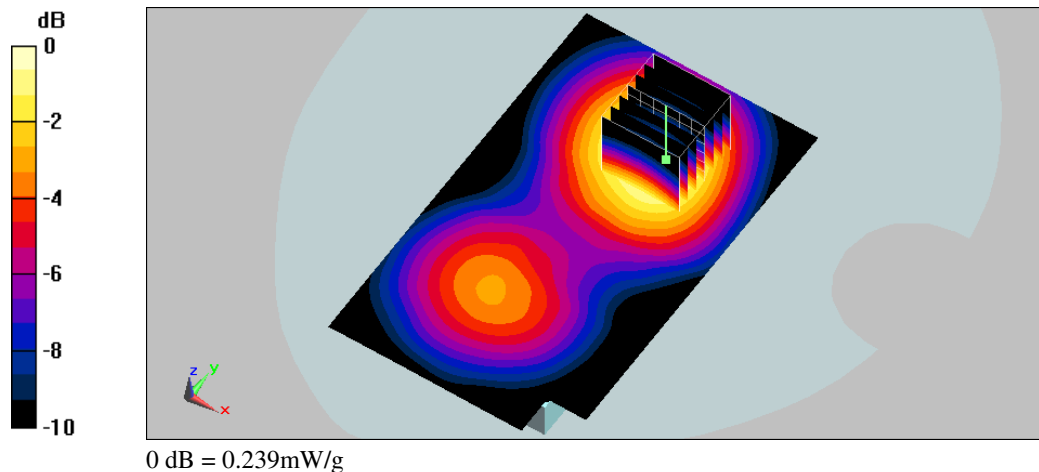
Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.8 V/m ; Power Drift = 0.018 dB

Peak SAR (extrapolated) = 0.351 W/kg

SAR(1 g) = 0.223 mW/g ; SAR(10 g) = 0.140 mW/g

Maximum value of SAR (measured) = 0.239 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/16/2008 9:39:26 PM

Flat_PCS CH810_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV3 - SN3150; ConvF(4.95, 4.95, 4.95); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.199 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

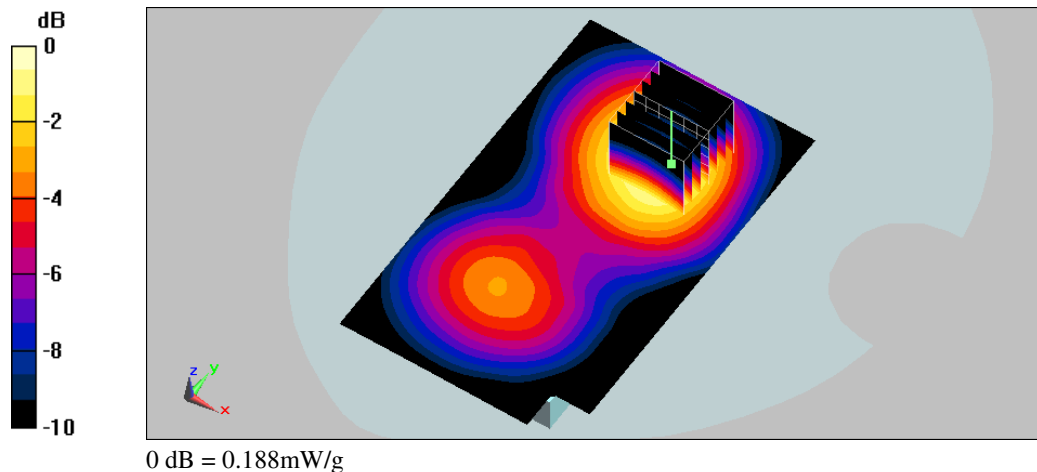
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.4 V/m; Power Drift = -0.047 dB

Peak SAR (extrapolated) = 0.275 W/kg

SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.108 mW/g

Maximum value of SAR (measured) = 0.188 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/16/2008 11:23:21 PM

Flat_PCS GPRS CH512_3Down 2Up_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: PCS 1900 GPRS(3Down,2Up); Frequency: 1850.2 MHz; Duty Cycle: 1:4.2
Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV3 - SN3150; ConvF(4.95, 4.95, 4.95); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x101x1):

Measurement grid: dx=15mm, dy=15mm

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

Flat/Zoom Scan (7x7x7)/Cube 0:

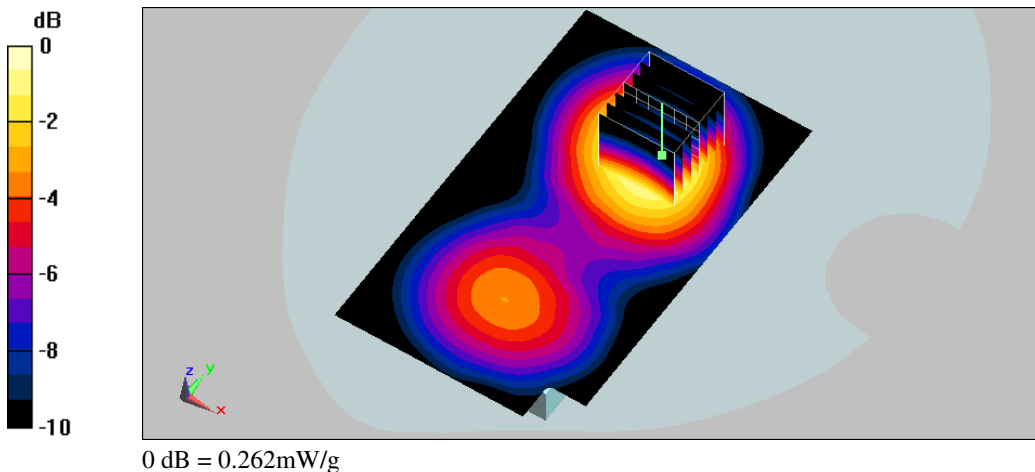
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.1 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 0.385 W/kg

SAR(1 g) = 0.244 mW/g; SAR(10 g) = 0.154 mW/g

Maximum value of SAR (measured) = 0.262 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/17/2008 12:24:18 AM

Flat_PCS GPRS CH512_3Down 1Up_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: PCS 1900 GPRS(3Down,1Up); Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV3 - SN3150; ConvF(4.95, 4.95, 4.95); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.144 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

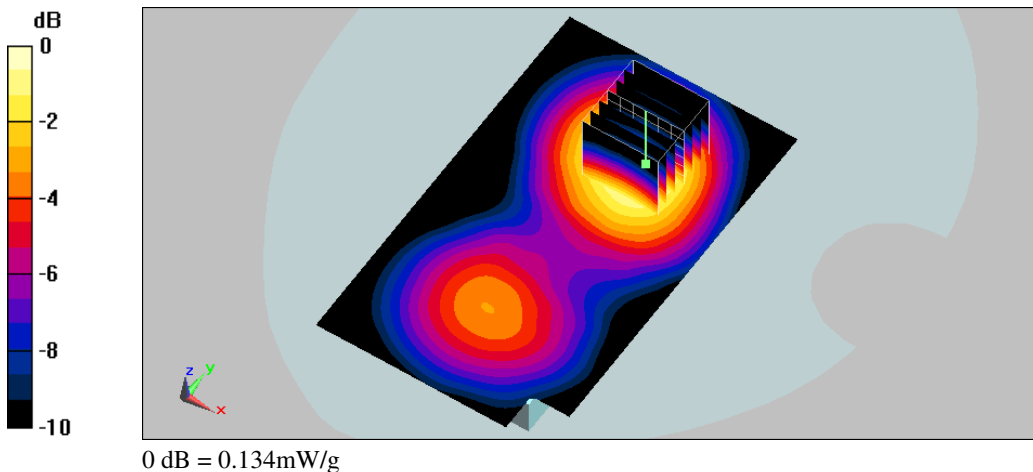
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.25 V/m; Power Drift = 0.000538 dB

Peak SAR (extrapolated) = 0.198 W/kg

SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.079 mW/g

Maximum value of SAR (measured) = 0.134 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/16/2008 11:43:31 PM

Flat_PCS GPRS CH661_3Down 2Up_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: PCS 1900 GPRS(3Down,2Up); Frequency: 1880 MHz;Duty Cycle: 1:4.2

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV3 - SN3150; ConvF(4.95, 4.95, 4.95); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.234 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

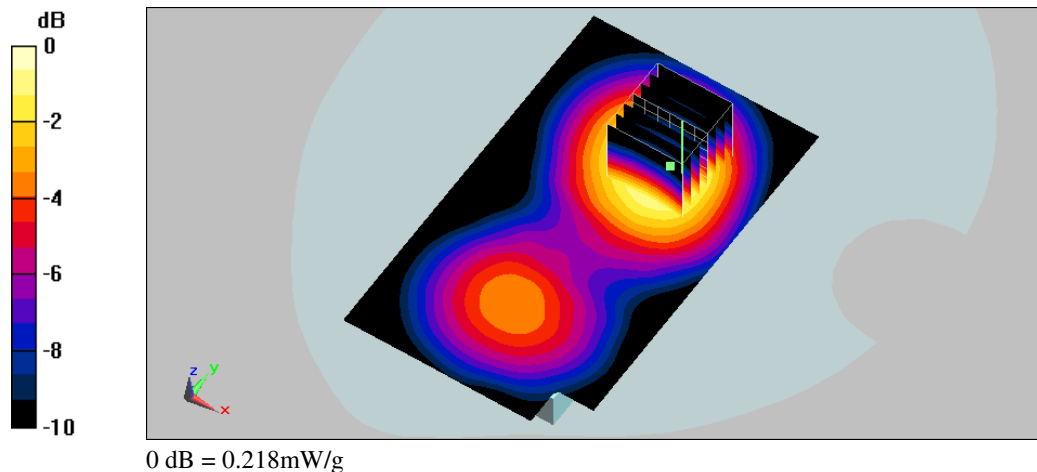
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.3 V/m; Power Drift = 0.032 dB

Peak SAR (extrapolated) = 0.317 W/kg

SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.129 mW/g

Maximum value of SAR (measured) = 0.218 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/17/2008 12:03:00 AM

Flat_PCS GPRS CH810_3Down 2Up_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: PCS 1900 GPRS(3Down,2Up); Frequency: 1909.8 MHz;Duty Cycle: 1:4.2

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV3 - SN3150; ConvF(4.95, 4.95, 4.95); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.178 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

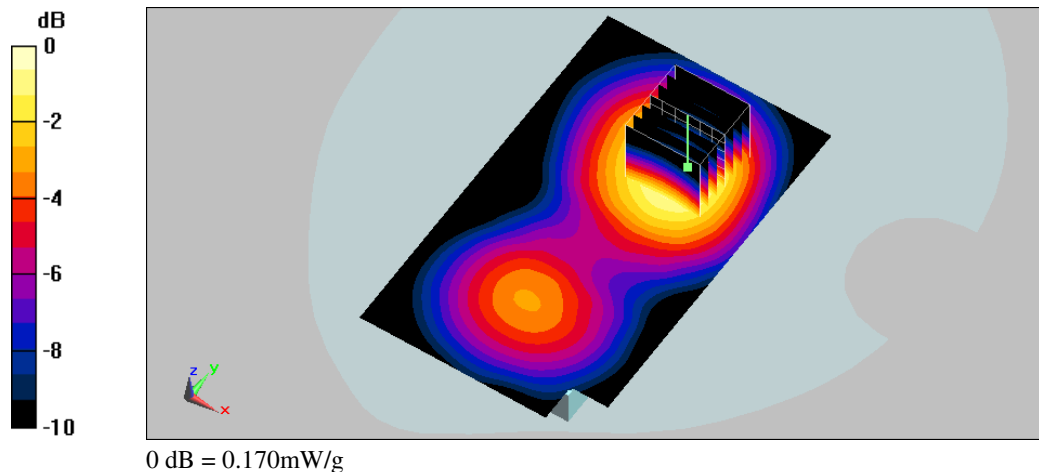
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.4 V/m; Power Drift = 0.000248 dB

Peak SAR (extrapolated) = 0.251 W/kg

SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.099 mW/g

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





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/16/2008 10:03:01 PM

Flat_PCS EGPRS CH512_3Down 2Up_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: PCS EGPRS (3Down, 2Up); Frequency: 1850.2 MHz; Duty Cycle: 1:4.2
Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV3 - SN3150; ConvF(4.95, 4.95, 4.95); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.293 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

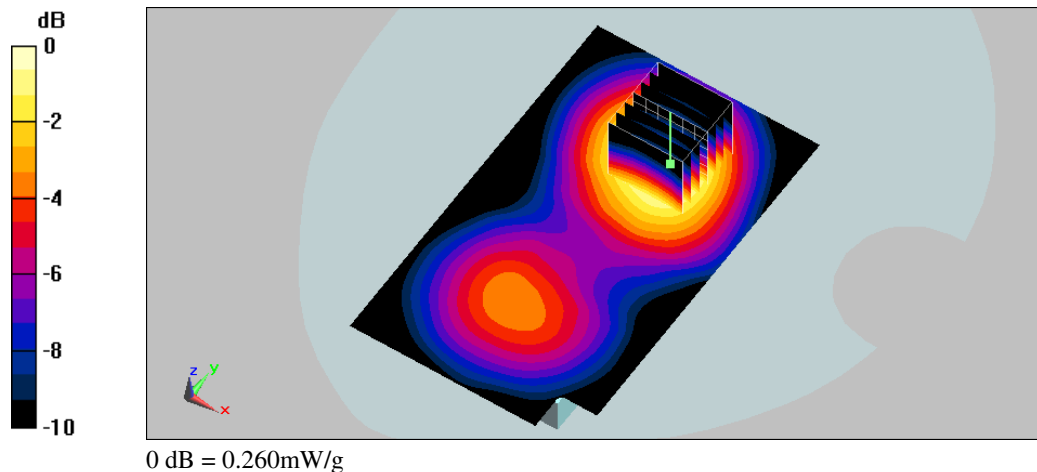
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.6 V/m; Power Drift = -0.00726 dB

Peak SAR (extrapolated) = 0.385 W/kg

SAR(1 g) = 0.244 mW/g; SAR(10 g) = 0.154 mW/g

Maximum value of SAR (measured) = 0.260 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/16/2008 11:01:06 PM

Flat_PCS EGPRS CH512_3Down 1Up_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: PCS EGPRS (3Down, 1Up); Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV3 - SN3150; ConvF(4.95, 4.95, 4.95); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.142 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

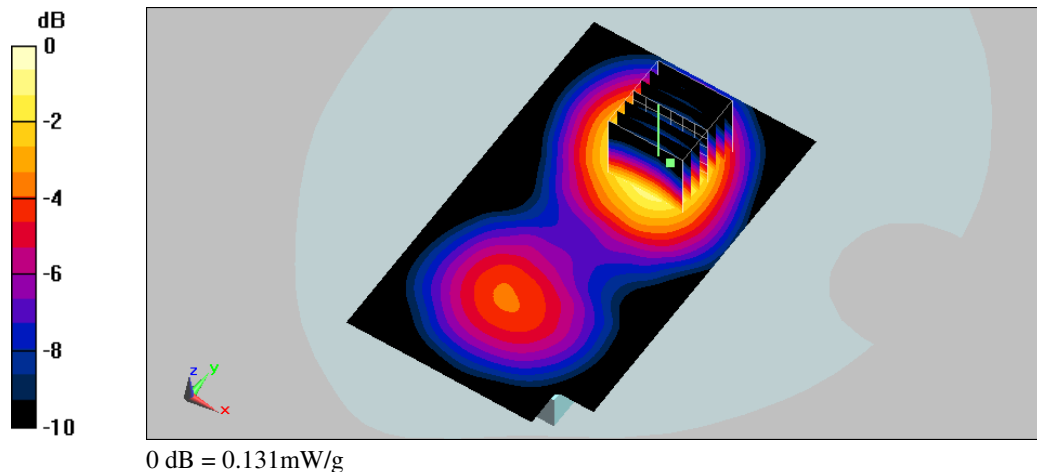
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.36 V/m; Power Drift = 0.062 dB

Peak SAR (extrapolated) = 0.197 W/kg

SAR(1 g) = 0.123 mW/g; SAR(10 g) = 0.077 mW/g

Maximum value of SAR (measured) = 0.131 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/16/2008 10:22:46 PM

Flat_PCS EGPRS CH661_3Down 2Up_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: PCS EGPRS (3Down, 2Up); Frequency: 1880 MHz; Duty Cycle: 1:4.2

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 52.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV3 - SN3150; ConvF(4.95, 4.95, 4.95); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x101x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.233 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

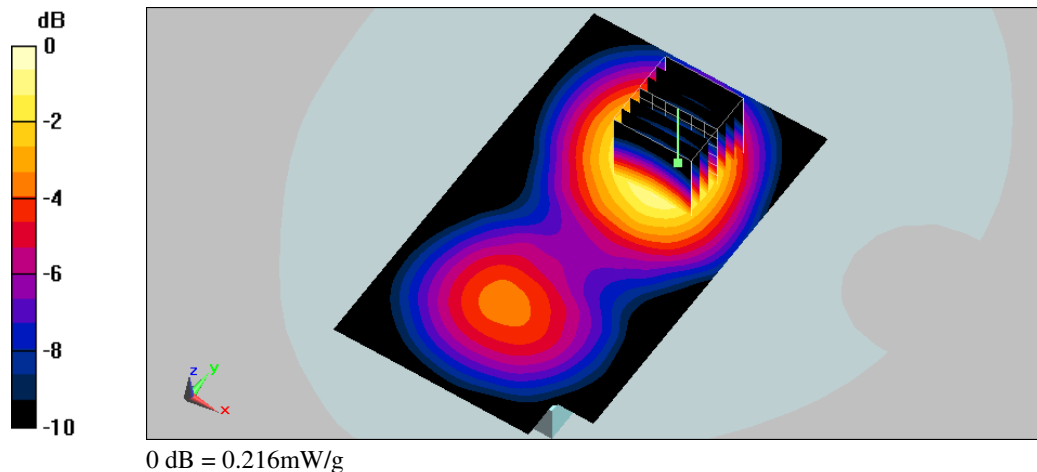
Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.5 V/m ; Power Drift = 0.019 dB

Peak SAR (extrapolated) = 0.314 W/kg

SAR(1 g) = 0.203 mW/g ; SAR(10 g) = 0.127 mW/g

Maximum value of SAR (measured) = 0.216 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/16/2008 10:41:32 PM

Flat_PCS EGPRS CH810_3Down 2Up_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: PCS EGPRS (3Down, 2Up); Frequency: 1909.8 MHz; Duty Cycle: 1:4.2

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV3 - SN3150; ConvF(4.95, 4.95, 4.95); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.177 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

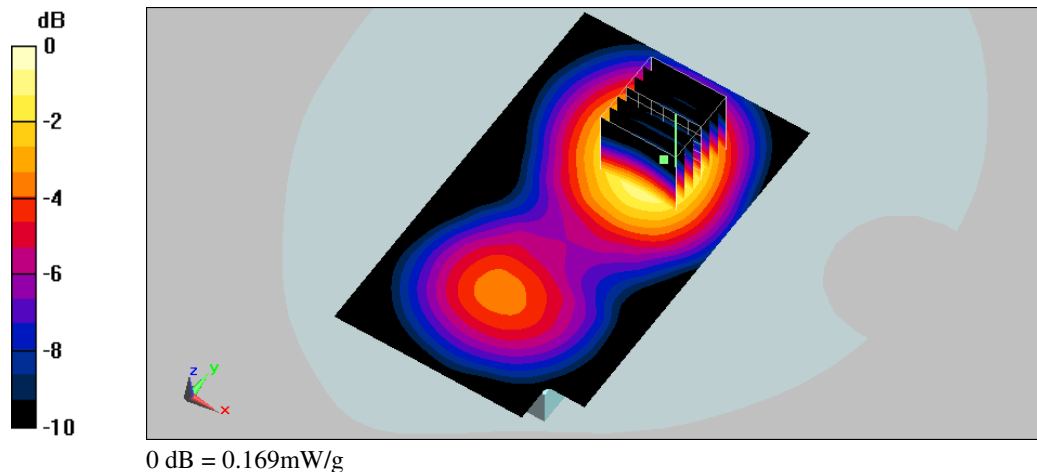
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.63 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.248 W/kg

SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.097 mW/g

Maximum value of SAR (measured) = 0.169 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/17/2008 9:25:57 AM

Flat_WCDMA Band V CH4133_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: WCDMA Band V; Frequency: 826.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 827$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV3 - SN3150; ConvF(6, 6, 6); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.571 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

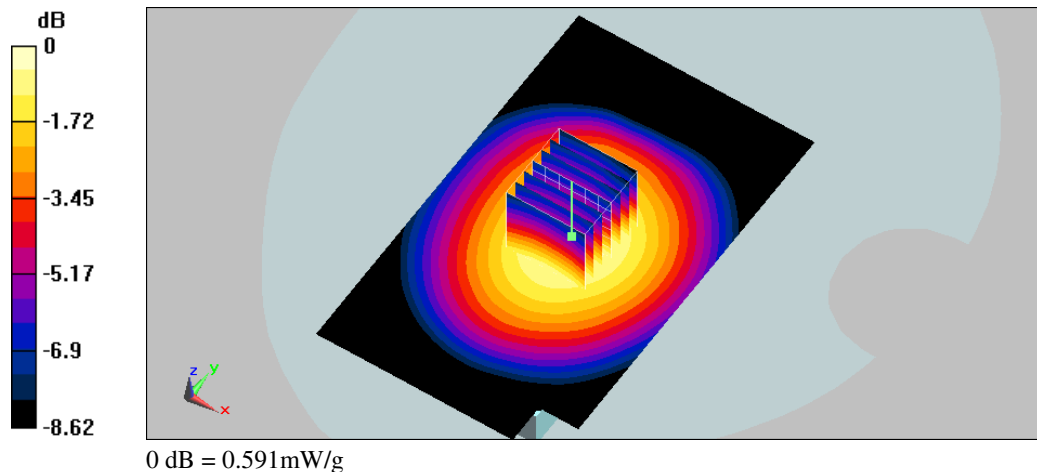
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.4 V/m; Power Drift = 0.104 dB

Peak SAR (extrapolated) = 0.710 W/kg

SAR(1 g) = 0.558 mW/g; SAR(10 g) = 0.411 mW/g

Maximum value of SAR (measured) = 0.591 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/17/2008 9:53:54 AM

Flat_WCDMA Band V CH4180_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: WCDMA Band V; Frequency: 836 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836$ MHz; $\sigma = 0.966$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV3 - SN3150; ConvF(6, 6, 6); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x101x1):

Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.381 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

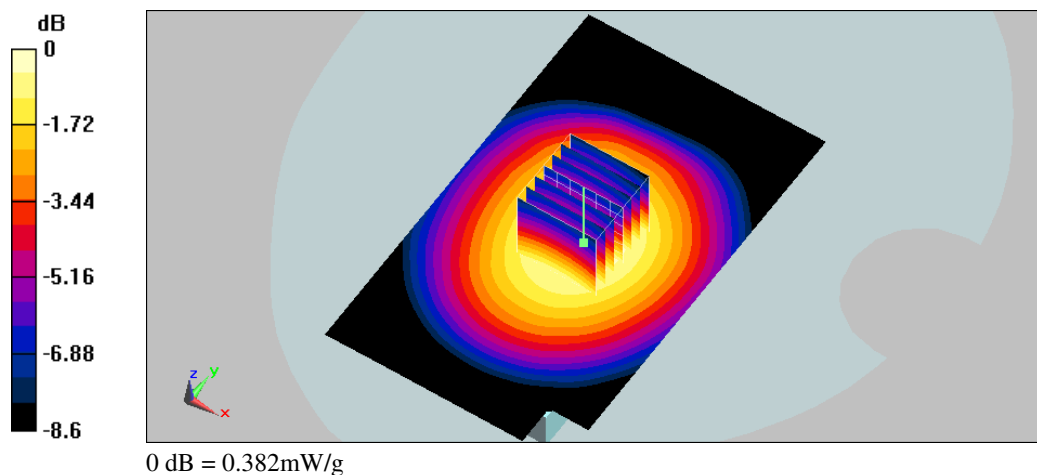
Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.1 V/m; Power Drift = 0.063 dB

Peak SAR (extrapolated) = 0.460 W/kg

SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.268 mW/g

Maximum value of SAR (measured) = 0.382 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/17/2008 10:14:02 AM

Flat_WCDMA Band V CH4232_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: WCDMA Band V; Frequency: 846.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 846.4$ MHz; $\sigma = 0.986$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV3 - SN3150; ConvF(6, 6, 6); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.640 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

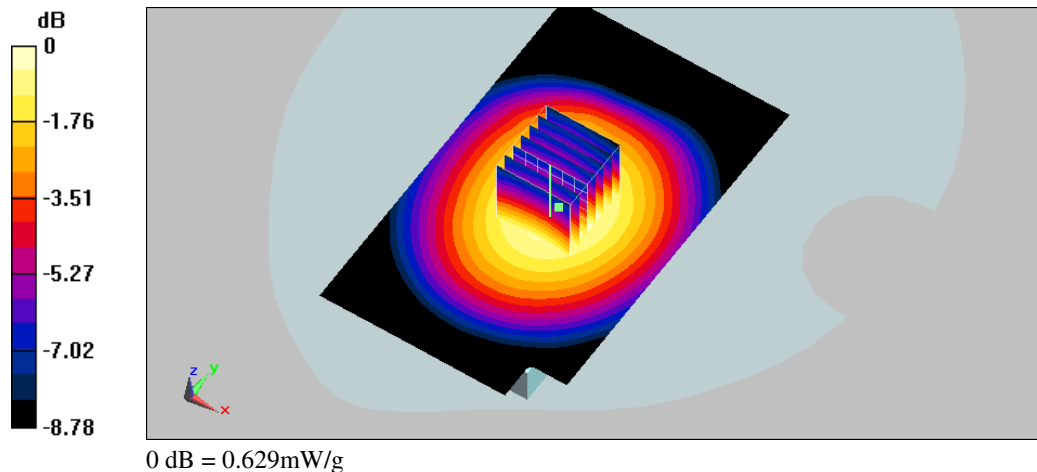
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.3 V/m; Power Drift = 0.00447 dB

Peak SAR (extrapolated) = 0.765 W/kg

SAR(1 g) = 0.594 mW/g; SAR(10 g) = 0.434 mW/g

Maximum value of SAR (measured) = 0.629 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/17/2008 2:27:49 AM

Flat_WCDMA HSDPA Band V CH4133_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: WCDMA HSDPA Band V; Frequency: 826.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 827$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV3 - SN3150; ConvF(6, 6, 6); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x91x1):

Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Flat/Zoom Scan (7x7x7)/Cube 0:

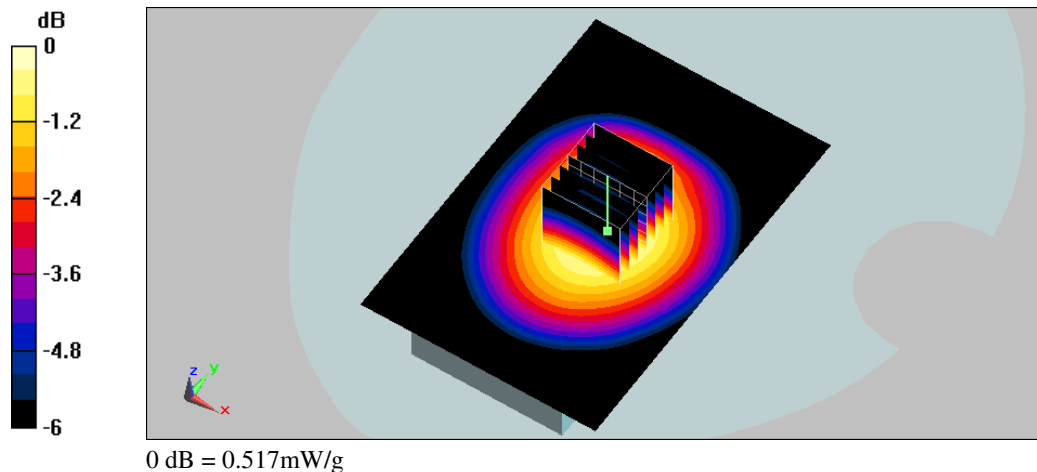
Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 13.5 V/m; Power Drift = 0.042 dB

Peak SAR (extrapolated) = 0.627 W/kg

SAR(1 g) = 0.488 mW/g; SAR(10 g) = 0.361 mW/g

Maximum value of SAR (measured) = 0.517 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/17/2008 2:48:31 AM

Flat_WCDMA HSDPA Band V CH4180_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: WCDMA HSDPA Band V; Frequency: 836 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836 \text{ MHz}$; $\sigma = 0.966 \text{ mho/m}$; $\epsilon_r = 55.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV3 - SN3150; ConvF(6, 6, 6); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x91x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Flat/Zoom Scan (7x7x7)/Cube 0:

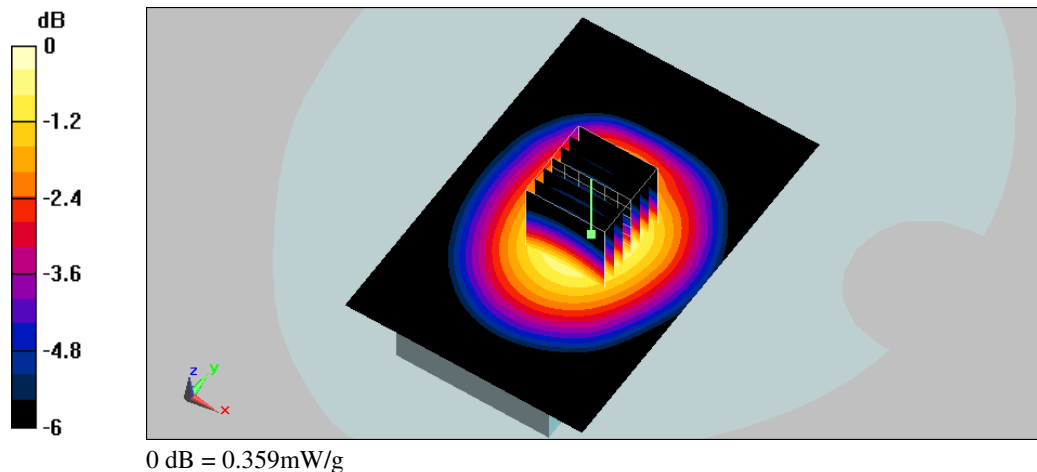
Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.2 V/m ; Power Drift = 0.020 dB

Peak SAR (extrapolated) = 0.431 W/kg

SAR(1 g) = 0.339 mW/g ; SAR(10 g) = 0.249 mW/g

Maximum value of SAR (measured) = 0.359 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/17/2008 3:07:46 AM

Flat_WCDMA HSDPA Band V CH4232_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: WCDMA HSDPA Band V; Frequency: 846.4 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 846.4$ MHz; $\sigma = 0.986$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV3 - SN3150; ConvF(6, 6, 6); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x91x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.566 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

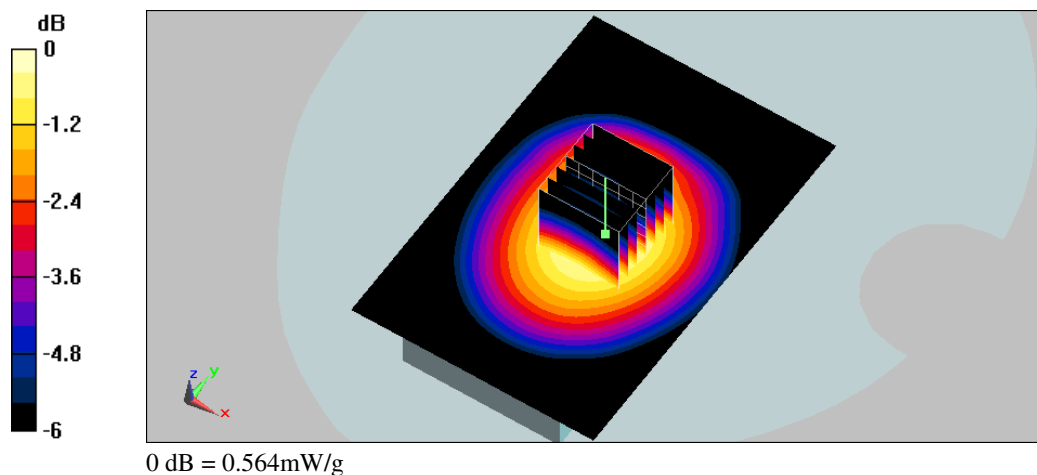
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.6 V/m; Power Drift = 0.00784 dB

Peak SAR (extrapolated) = 0.679 W/kg

SAR(1 g) = 0.533 mW/g; SAR(10 g) = 0.393 mW/g

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





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/17/2008 10:17:57 PM

Flat_WCDMA Band II CH9263_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: WCDMA Band II; Frequency: 1852.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1853$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV3 - SN3150; ConvF(4.95, 4.95, 4.95); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x101x1):

Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.738 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

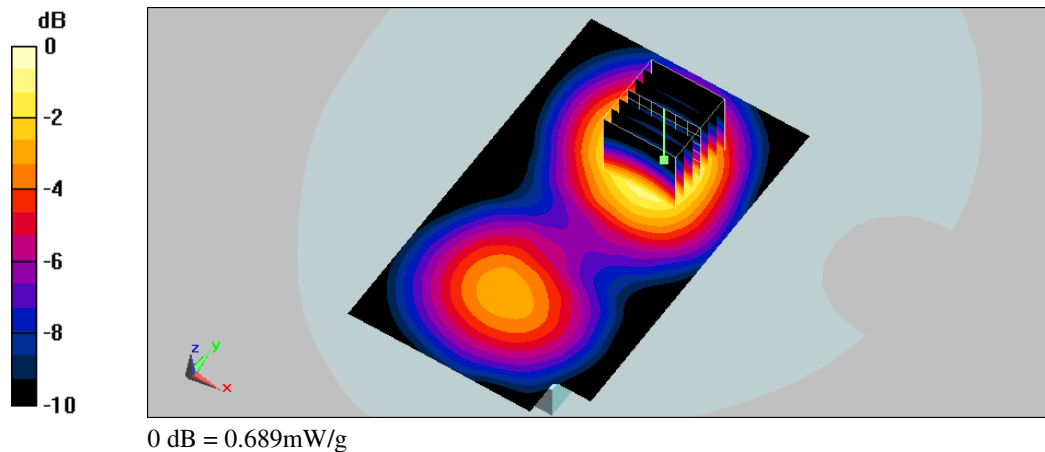
Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 21.2 V/m; Power Drift = -0.017 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.643 mW/g; SAR(10 g) = 0.404 mW/g

Maximum value of SAR (measured) = 0.689 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/17/2008 10:36:50 PM

Flat_WCDMA Band II CH9400_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: WCDMA Band II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 52.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV3 - SN3150; ConvF(4.95, 4.95, 4.95); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x101x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.557 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

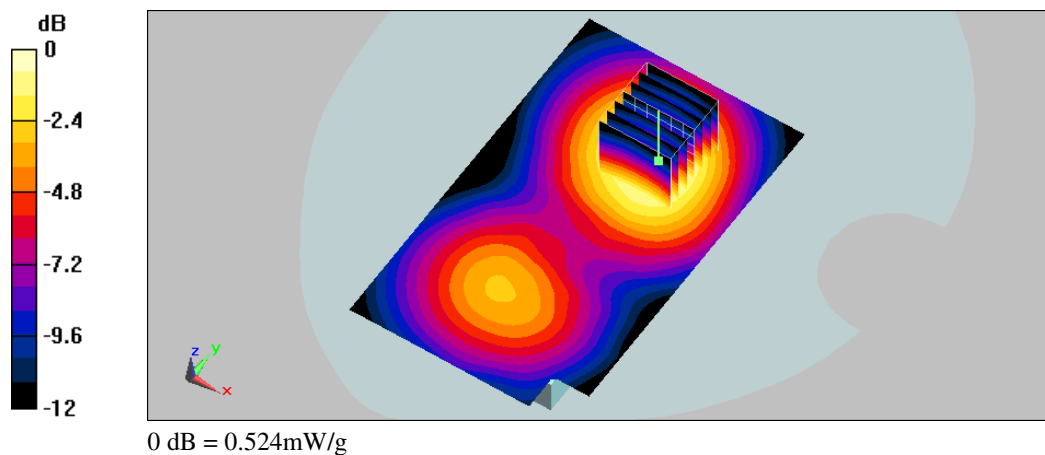
Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.7 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 0.765 W/kg

SAR(1 g) = 0.488 mW/g; SAR(10 g) = 0.308 mW/g

Maximum value of SAR (measured) = 0.524 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/17/2008 10:55:46 PM

Flat_WCDMA Band II CH9537_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: WCDMA Band II; Frequency: 1907.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1907.4$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV3 - SN3150; ConvF(4.95, 4.95, 4.95); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x101x1):

Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.417 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

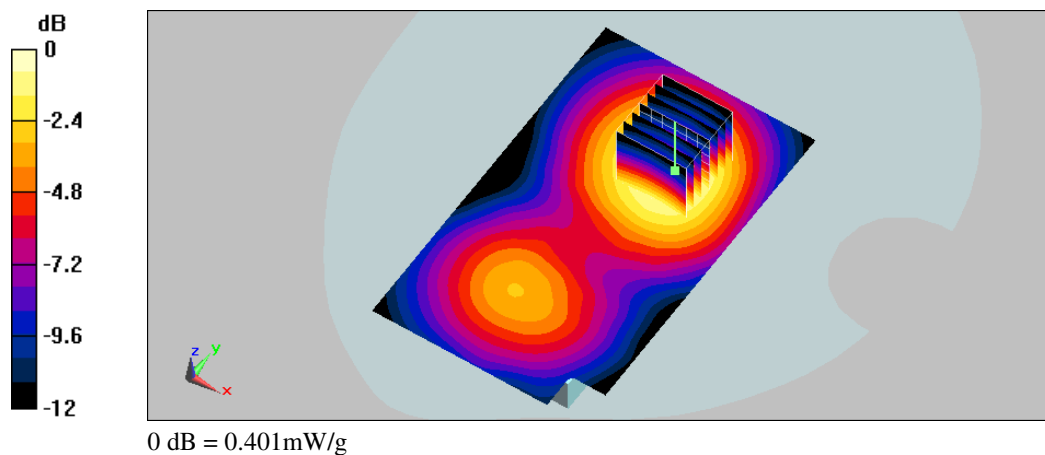
Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 14.9 V/m; Power Drift = -0.00303 dB

Peak SAR (extrapolated) = 0.574 W/kg

SAR(1 g) = 0.374 mW/g; SAR(10 g) = 0.235 mW/g

Maximum value of SAR (measured) = 0.401 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/17/2008 11:21:23 PM

Flat_WCDMA HSDPA Band II CH9263_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: WCDMA HSDPA Band II; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

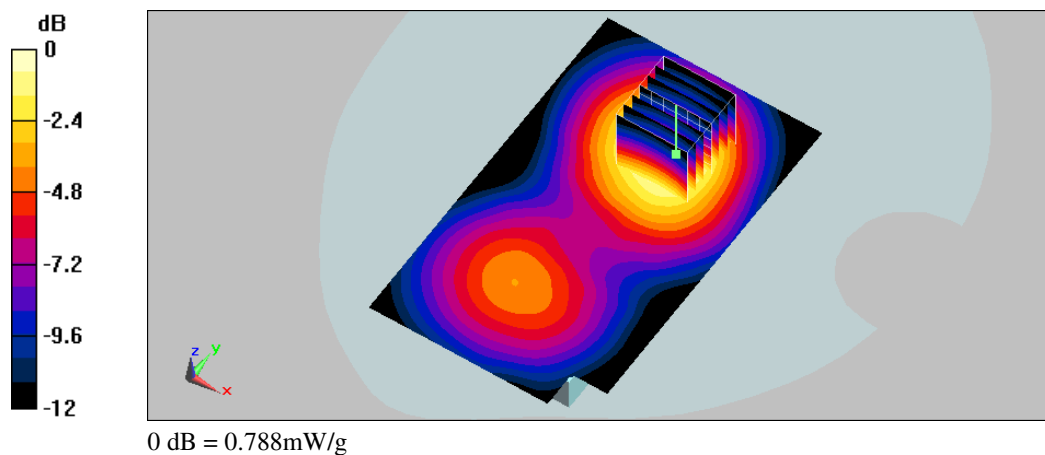
- Probe: ES3DV3 - SN3150; ConvF(4.95, 4.95, 4.95); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x101x1):

Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.871 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 22.7 V/m; Power Drift = -0.015 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.737 mW/g; SAR(10 g) = 0.461 mW/g
Maximum value of SAR (measured) = 0.788 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/17/2008 11:40:37 PM

Flat_WCDMA HSDPA Band II CH9400_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: WCDMA HSDPA Band II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 52.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV3 - SN3150; ConvF(4.95, 4.95, 4.95); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x101x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Flat/Zoom Scan (7x7x7)/Cube 0:

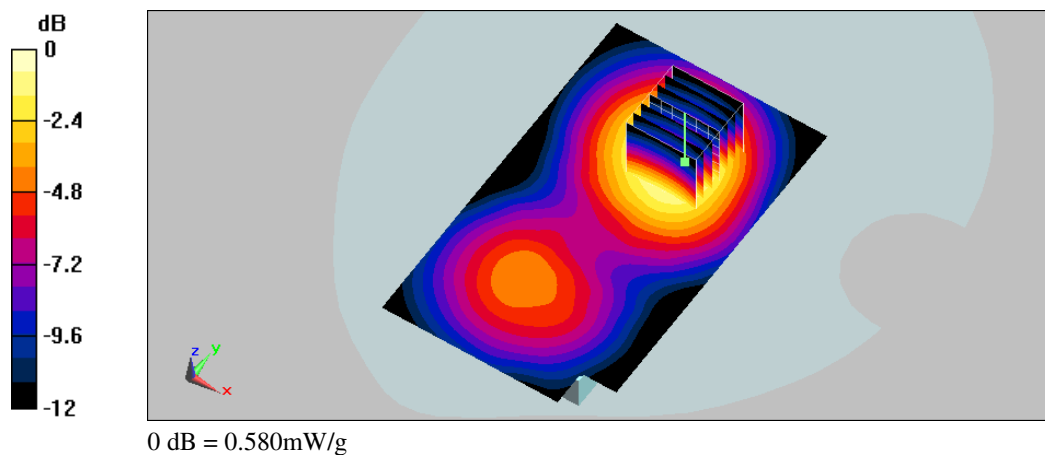
Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.9 V/m ; Power Drift = -0.00512 dB

Peak SAR (extrapolated) = 0.846 W/kg

SAR(1 g) = 0.542 mW/g ; SAR(10 g) = 0.339 mW/g

Maximum value of SAR (measured) = 0.580 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/17/2008 11:59:36 PM

Flat_WCDMA HSDPA Band II CH9537_20mm

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: WCDMA HSDPA Band II; Frequency: 1907.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1907.4$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV3 - SN3150; ConvF(4.95, 4.95, 4.95); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x101x1):

Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.489 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

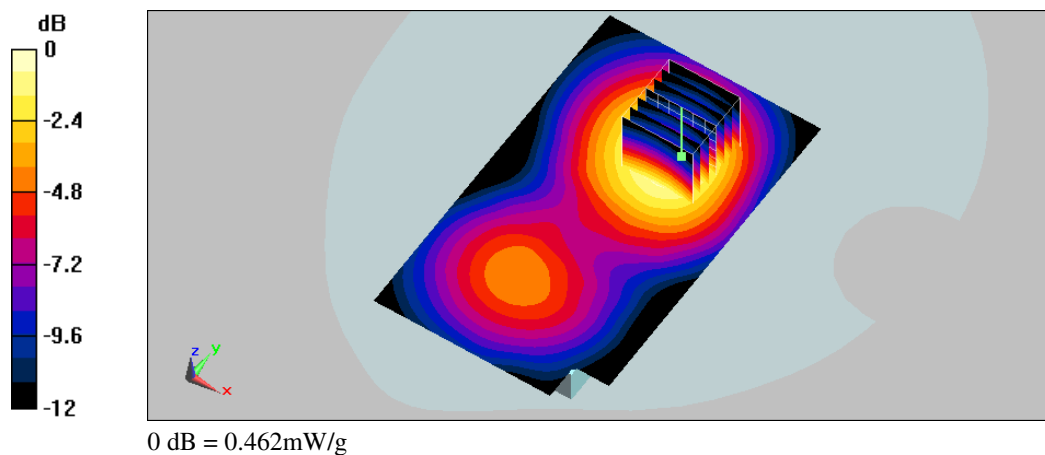
Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 16 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 0.678 W/kg

SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.267 mW/g

Maximum value of SAR (measured) = 0.462 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/17/2008 3:08:18 PM

Flat_802.11b CH1_1M_Close Body

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: IEEE 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.92$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

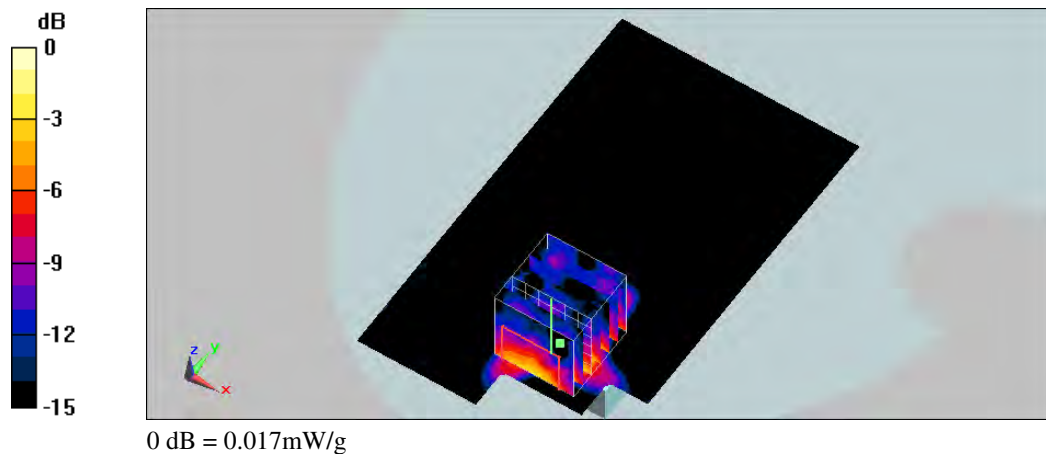
- Probe: ES3DV3 - SN3150; ConvF(4.19, 4.19, 4.19); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x101x1):

Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.030 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 0.177 V/m; Power Drift = 0.131 dB
Peak SAR (extrapolated) = 0.021 W/kg
SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00473 mW/g
Maximum value of SAR (measured) = 0.017 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/17/2008 3:47:30 PM

Flat_802.11b CH6_1M_Close Body

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: IEEE 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.95 \text{ mho/m}$; $\epsilon_r = 52.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

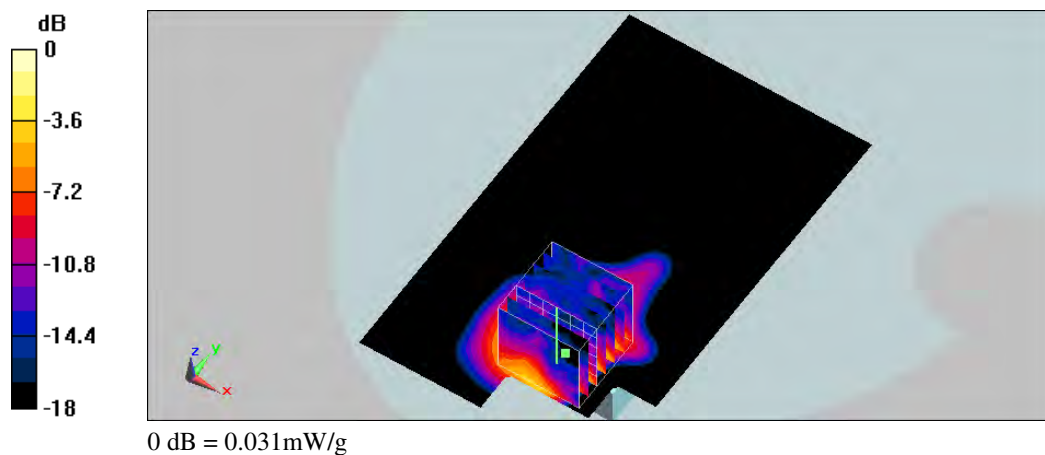
- Probe: ES3DV3 - SN3150; ConvF(4.19, 4.19, 4.19); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x101x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.045 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 0.552 V/m ; Power Drift = 0.119 dB
Peak SAR (extrapolated) = 0.063 W/kg
SAR(1 g) = 0.027 mW/g ; SAR(10 g) = 0.012 mW/g
Maximum value of SAR (measured) = 0.031 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/17/2008 4:13:32 PM

Flat_802.11b CH11_1M_Close Body

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: IEEE 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.98 \text{ mho/m}$; $\epsilon_r = 52.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

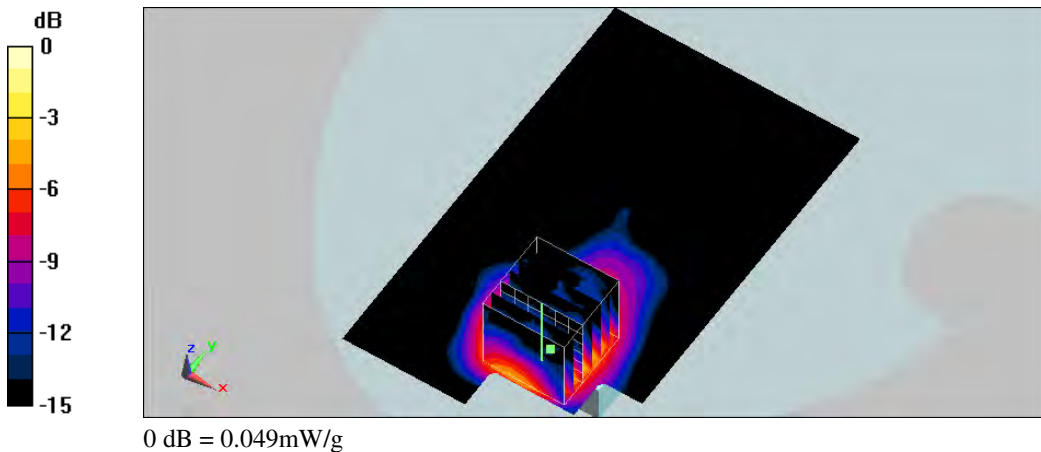
- Probe: ES3DV3 - SN3150; ConvF(4.19, 4.19, 4.19); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x101x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.050 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 0.475 V/m ; Power Drift = -0.120 dB
Peak SAR (extrapolated) = 0.096 W/kg
SAR(1 g) = 0.042 mW/g ; SAR(10 g) = 0.018 mW/g
Maximum value of SAR (measured) = 0.049 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/17/2008 5:10:00 PM

Flat_802.11b CH11_11M_Close Body

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: IEEE 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.98 \text{ mho/m}$; $\epsilon_r = 52.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

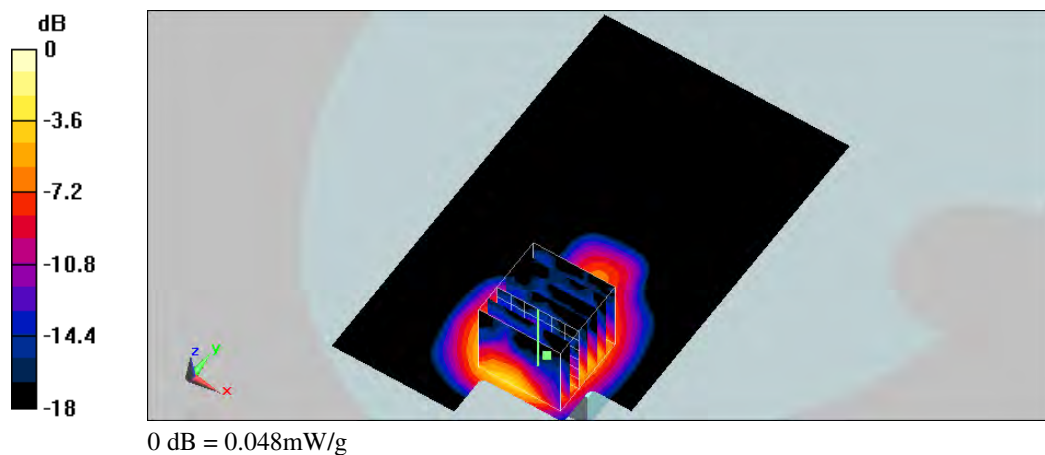
- Probe: ES3DV3 - SN3150; ConvF(4.19, 4.19, 4.19); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x101x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.051 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 0.446 V/m ; Power Drift = 0.128 dB
Peak SAR (extrapolated) = 0.090 W/kg
SAR(1 g) = 0.040 mW/g ; SAR(10 g) = 0.017 mW/g
Maximum value of SAR (measured) = 0.048 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/17/2008 5:37:22 PM

Flat_802.11g CH1_6M_Close Body

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: IEEE 802.11g; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.92 \text{ mho/m}$; $\epsilon_r = 52.6$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

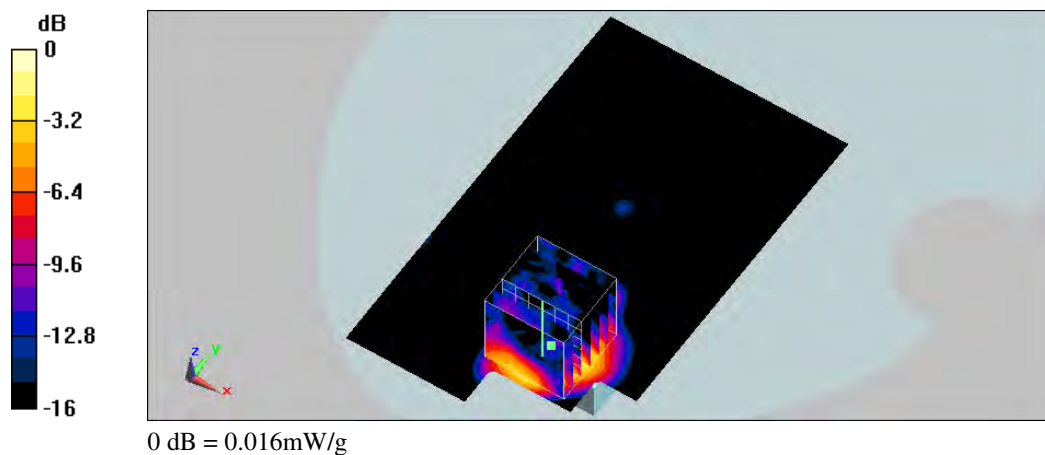
- Probe: ES3DV3 - SN3150; ConvF(4.19, 4.19, 4.19); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x101x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.020 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 0.434 V/m ; Power Drift = 0.104 dB
Peak SAR (extrapolated) = 0.028 W/kg
SAR(1 g) = 0.013 mW/g ; SAR(10 g) = 0.00507 mW/g
Maximum value of SAR (measured) = 0.016 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/17/2008 6:09:58 PM

Flat_802.11g CH6_6M_Close Body

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: IEEE 802.11g; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.95 \text{ mho/m}$; $\epsilon_r = 52.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC)

DASY5 Configuration:

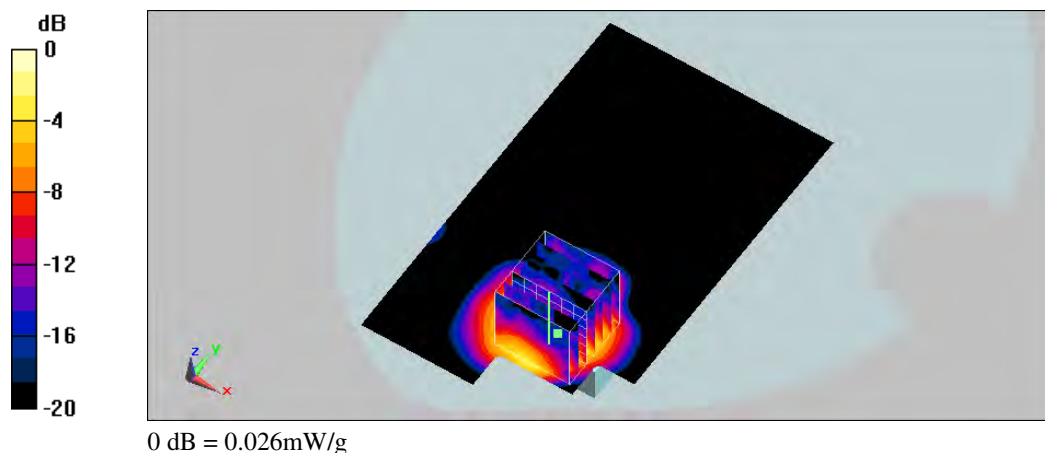
- Probe: ES3DV3 - SN3150; ConvF(4.19, 4.19, 4.19); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASYS, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x101x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.029 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 0.446 V/m ; Power Drift = 0.137 dB
Peak SAR (extrapolated) = 0.033 W/kg
SAR(1 g) = 0.019 mW/g ; SAR(10 g) = 0.00803 mW/g
Maximum value of SAR (measured) = 0.026 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/17/2008 6:45:32 PM

Flat_802.11g CH11_6M_Close Body

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: IEEE 802.11g; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.98 \text{ mho/m}$; $\epsilon_r = 52.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

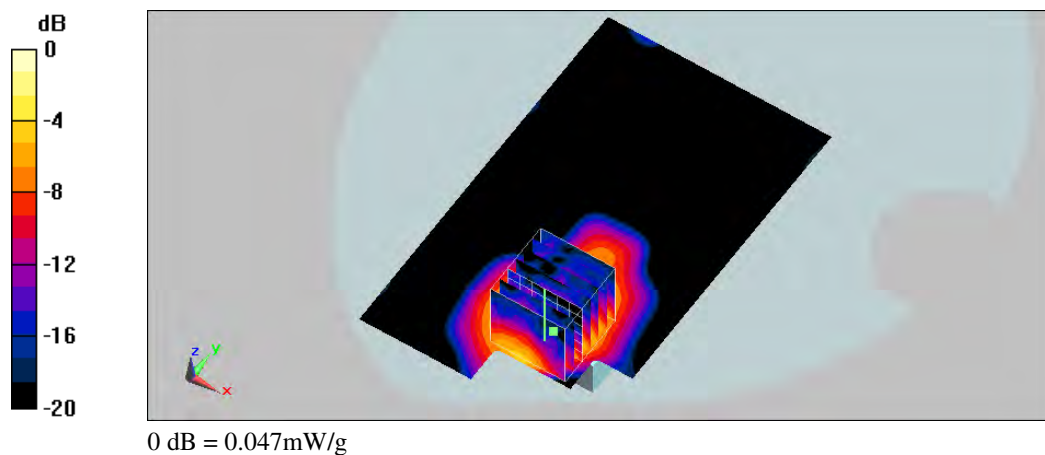
- Probe: ES3DV3 - SN3150; ConvF(4.19, 4.19, 4.19); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x101x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.047 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 0.458 V/m ; Power Drift = -0.00145 dB
Peak SAR (extrapolated) = 0.078 W/kg
SAR(1 g) = 0.036 mW/g ; SAR(10 g) = 0.016 mW/g
Maximum value of SAR (measured) = 0.042 mW/g





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/17/2008 6:59:28 PM Date/Time: 4/17/2008 7:06:09 PM

Flat_802.11g_CH11_54M_Close Body

DUT: Velocity 103; Type: PDA PHONE; FCC ID: DGIBC0312AAA000

Communication System: IEEE 802.11g; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.98 \text{ mho/m}$; $\epsilon_r = 52.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

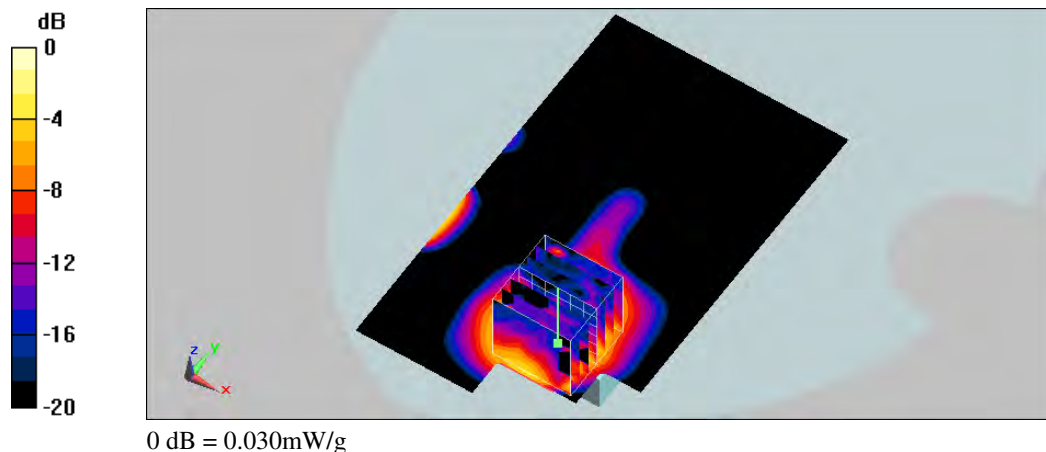
- Probe: ES3DV3 - SN3150; ConvF(4.19, 4.19, 4.19); Calibrated: 1/9/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 11/30/2007
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1150 and higher
- Measurement SW: DASY5, V5.0 Build 91; SEMCAD X Version 12.4 Build 52

Flat/Area Scan (61x101x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.035 mW/g

Flat/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 0.407 V/m ; Power Drift = -0.184 dB
Peak SAR (extrapolated) = 0.069 W/kg
SAR(1 g) = 0.026 mW/g ; SAR(10 g) = 0.00853 mW/g
Maximum value of SAR (measured) = 0.030 mW/g





Appendix C - Calibration

All of the instruments Calibration information are listed below.

- Dipole _ D900V2 SN:073 Calibration No.D900V2-073_Mar08
- Dipole _ D1950V2 SN: 1117 Calibration No.D1950V1117_Dec07
- Dipole _ D2450V2 SN: 712 Calibration No.D2450V712_Jan08
- Probe _ ES3DV3 SN:3150 Calibration No.ES3-3150_Jan08
- DAE _ DAE4 SN:779 Calibration No.DAE4-779_ Nov07