

Plot 1: GPRS 2 Uplink Timeslots 836.6MHz Front

Date/Time: 2/20/2011 8:16:26 AM, Date/Time: 2/20/2011 8:22:40 AM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 836.6 MHz

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.991$ mho/m; $\epsilon_r = 55.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0;

(E)GPRS/GPRS Mid 2TS Front/Area Scan (8x8x1): Measurement grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 1.11 mW/g

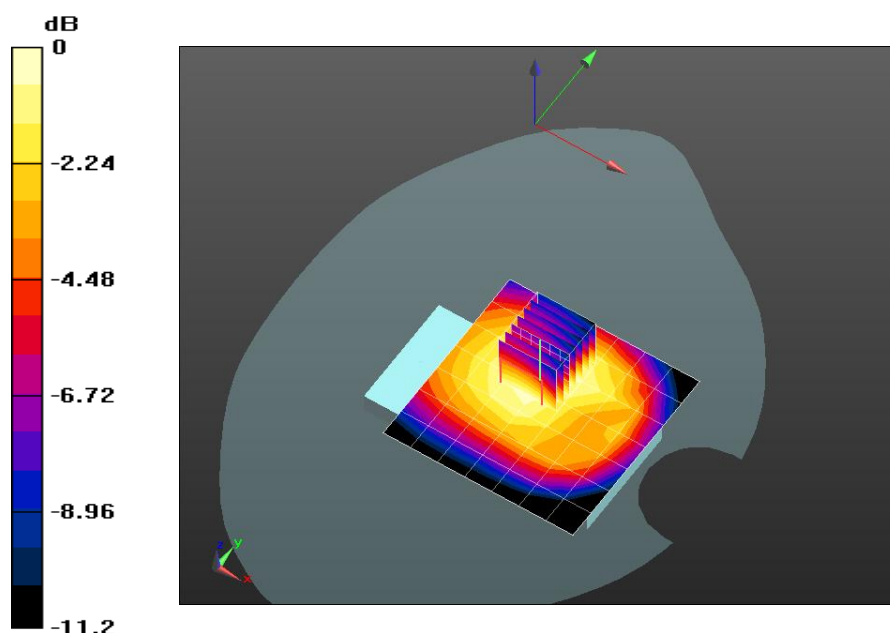
(E)GPRS/GPRS Mid 2TS Front/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 31.2 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.766 mW/g

Maximum value of SAR (measured) = 1.14 mW/g



Plot 2: GPRS 2 Uplink Timeslots 836.6MHz Back

Date/Time: 2/20/2011 8:46:56 AM, Date/Time: 2/20/2011 9:06:50 AM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 836.6 MHz

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.991$ mho/m; $\epsilon_r = 55.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0;

(E)GPRS/GPRS Mid 2TS Back/Area Scan (8x8x1): Measurement grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 1.2 mW/g

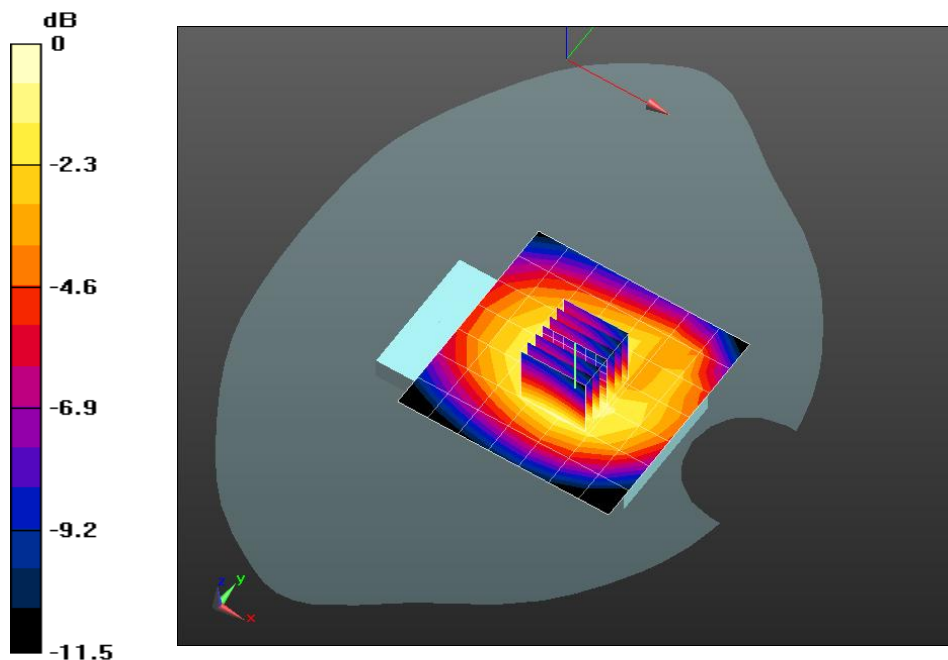
(E)GPRS/GPRS Mid 2TS Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.1 V/m; Power Drift = 0.00283 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.805 mW/g

Maximum value of SAR (measured) = 1.22 mW/g



0 dB = 1.22mW/g

Plot 3: GPRS 2 Uplink Timeslots 836.6MHz Bottom Edge

Date/Time: 2/7/2011 11:33:53 PM, Date/Time: 2/7/2011 11:38:15 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 836.6 MHz

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0;

Flat-Section (E)GPRS 850 MSL - 2_7_11/Bottom 10mm GPRS 2TS Mid Ch/Area Scan (9x5x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.217 mW/g

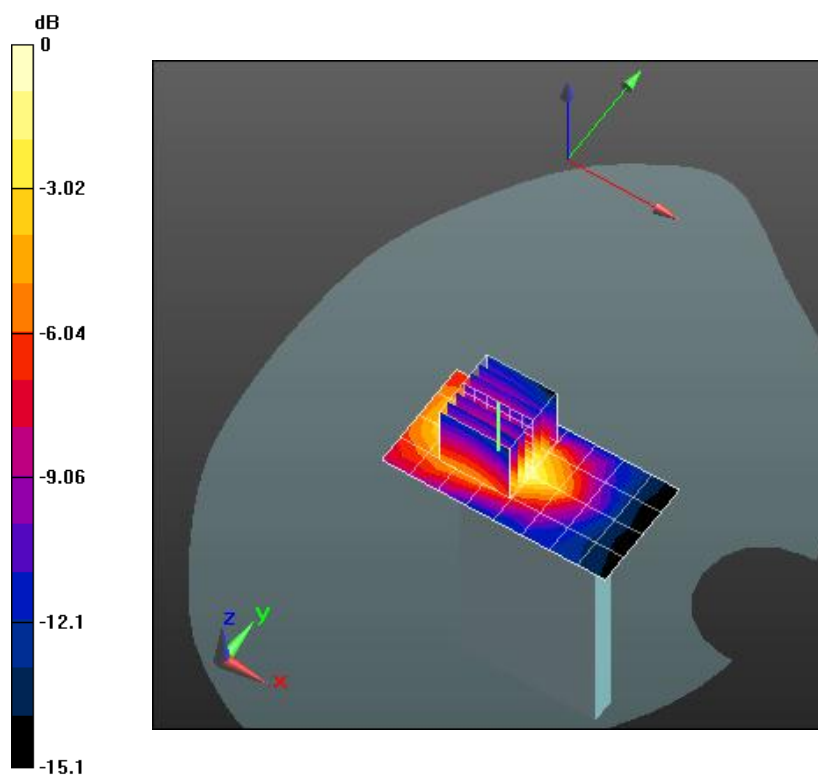
Flat-Section (E)GPRS 850 MSL - 2_7_11/Bottom 10mm GPRS 2TS Mid Ch/Zoom Scan**(7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.9 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 0.332 W/kg

SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.110 mW/g

Maximum value of SAR (measured) = 0.221 mW/g



0 dB = 0.221mW/g

Plot 4: GPRS 2 Uplink Timeslots 836.6MHz Left Edge

Date/Time: 2/20/2011 9:22:18 AM, Date/Time: 2/20/2011 9:26:37 AM

DUT: iPhone 4 Side; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 836.6 MHz

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.991$ mho/m; $\epsilon_r = 55.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0;

(E)GPRS Side positions/GPRS Mid 2TS Left/Area Scan (11x4x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.1 mW/g

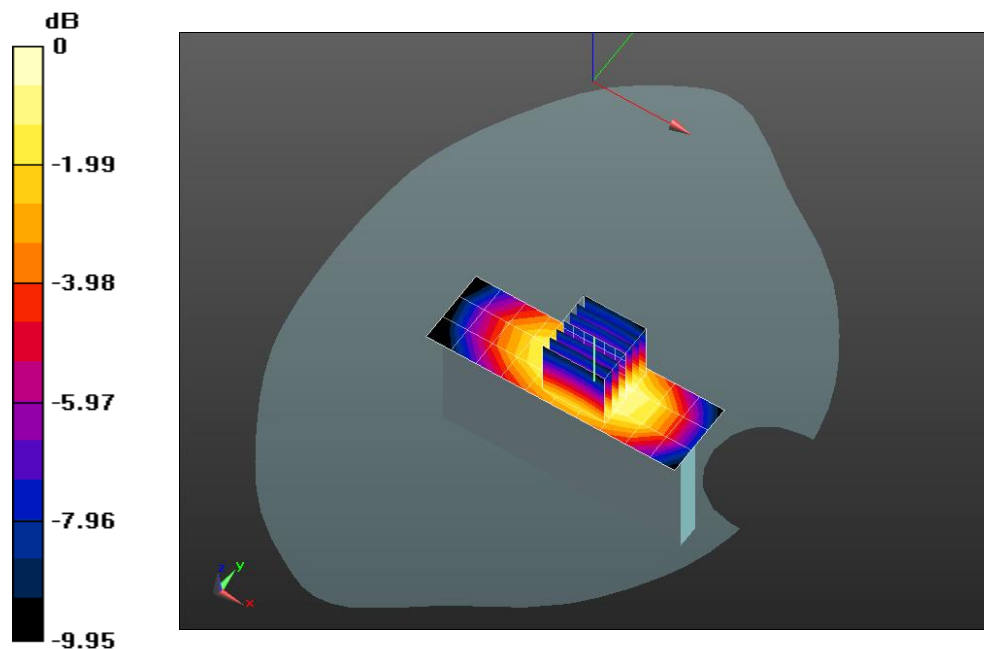
(E)GPRS Side positions/GPRS Mid 2TS Left/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 32.8 V/m; Power Drift = 0.00678 dB

Peak SAR (extrapolated) = 1.6 W/kg

SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.726 mW/g

Maximum value of SAR (measured) = 1.16 mW/g



0 dB = 1.16mW/g

Plot 5: GPRS 2 Uplink Timeslots 836.6MHz Right Edge

Date/Time: 2/7/2011 11:07:02 AM, Date/Time: 2/7/2011 11:11:20 AM

DUT: iPhone 4 Side; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 836.6 MHz

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

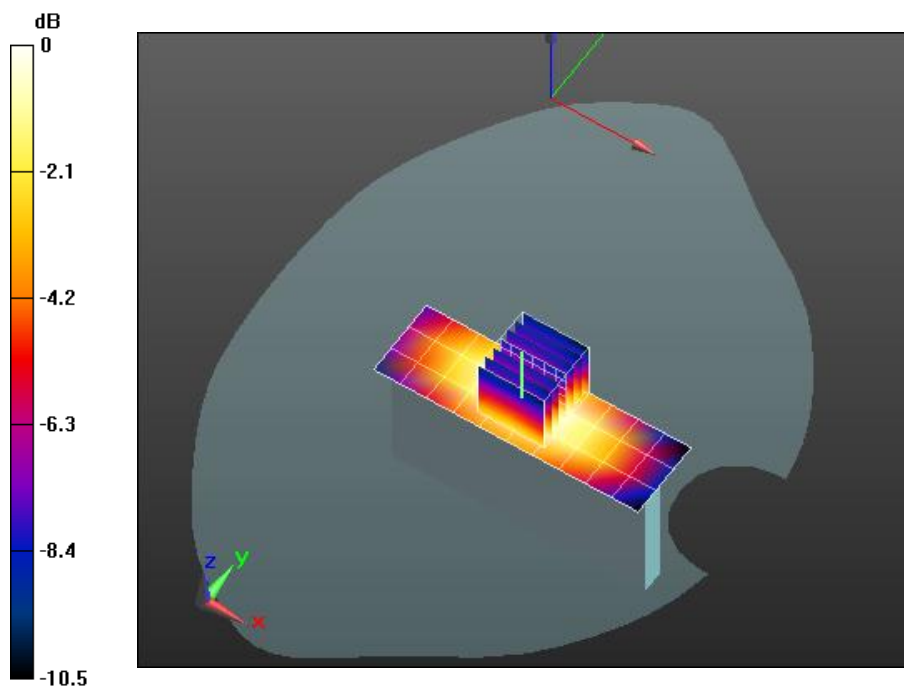
Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05); Calibrated: 10/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685) (Deployment Build)

Flat-Section (E)GPRS 850 MSL - Left_Right Edge 2_7_11/Right Edge 10mm GPRS 2TS Mid Ch/Area Scan (11x4x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.733 mW/g

Flat-Section (E)GPRS 850 MSL - Left_Right Edge 2_7_11/Right Edge 10mm GPRS 2TS Mid Ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.9 V/m; Power Drift = 0.081 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.706 mW/g; SAR(10 g) = 0.467 mW/g
Maximum value of SAR (measured) = 0.758 mW/g



0 dB = 0.758mW/g

Plot 6: GPRS 1 Uplink Timeslots 836.6MHz Front

Date/Time: 2/7/2011 2:48:53 PM, Date/Time: 2/7/2011 2:55:06 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 836.6 MHz

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 55.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05); Calibrated: 10/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685) (Deployment Build)

Flat-Section GPRS 850 MSL - 2_4_11/Front 10mm GPRS 1TS Mid Ch 2-7-11/Area Scan (71x71x1):

Measurement grid: dx=14mm, dy=14mm

Maximum value of SAR (interpolated) = 0.928 mW/g

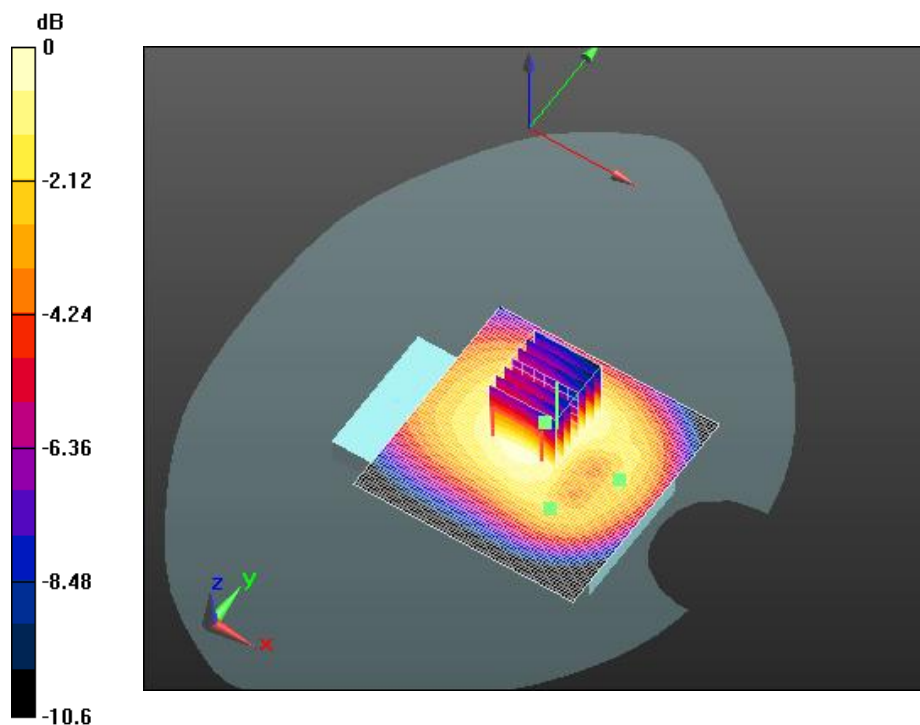
Flat-Section GPRS 850 MSL - 2_4_11/Front 10mm GPRS 1TS Mid Ch 2-7-11/Zoom Scan**(7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.2 V/m; Power Drift = 0.070 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.911 mW/g; SAR(10 g) = 0.668 mW/g

Maximum value of SAR (measured) = 0.961 mW/g



0 dB = 0.961mW/g

Plot 7: GPRS 1 Uplink Timeslots 836.6MHz Back

Date/Time: 2/7/2011 3:12:39 PM, Date/Time: 2/7/2011 3:18:51 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 836.6 MHz

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 55.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05); Calibrated: 10/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685) (Deployment Build)

Flat-Section GPRS 850 MSL - 2_4_11/Back 10mm GPRS 1TS Mid Ch 2-7-11/Area Scan (8x8x1):

Measurement grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 0.986 mW/g

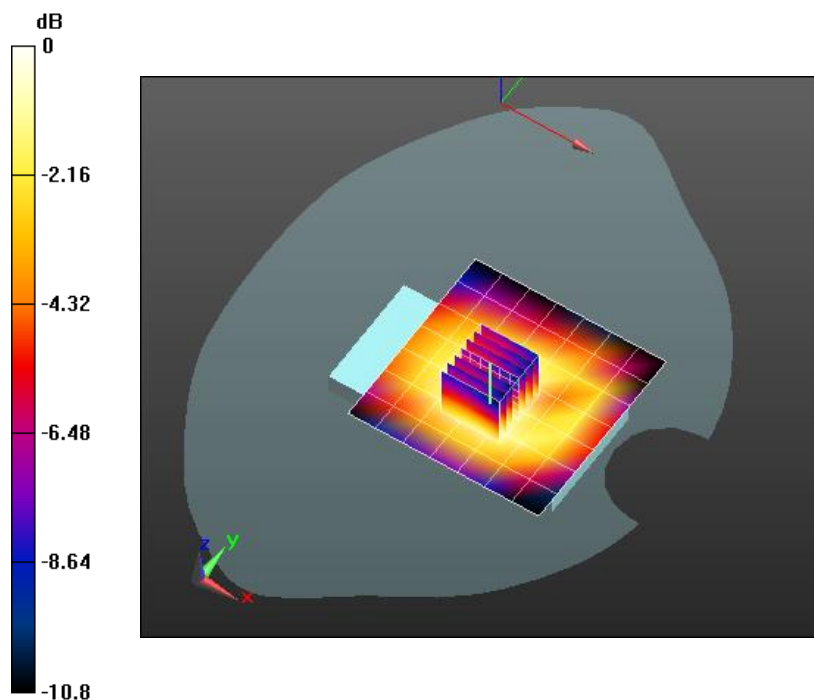
Flat-Section GPRS 850 MSL - 2_4_11/Back 10mm GPRS 1TS Mid Ch 2-7-11/Zoom Scan**(7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.5 V/m; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.949 mW/g; SAR(10 g) = 0.686 mW/g

Maximum value of SAR (measured) = 1.01 mW/g



0 dB = 1.01mW/g

Plot 8: GPRS 1 Uplink Timeslots 836.6MHz Bottom Edge

Date/Time: 2/7/2011 5:30:56 PM, Date/Time: 2/7/2011 5:34:05 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 836.6 MHz

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 55.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05); Calibrated: 10/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685) (Deployment Build)

Flat-Section GPRS 850 MSL - 2_4_11/Bottom 10mm GPRS 1TS Mid Ch 2-7-11/Area Scan (8x4x1):

Measurement grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 0.207 mW/g

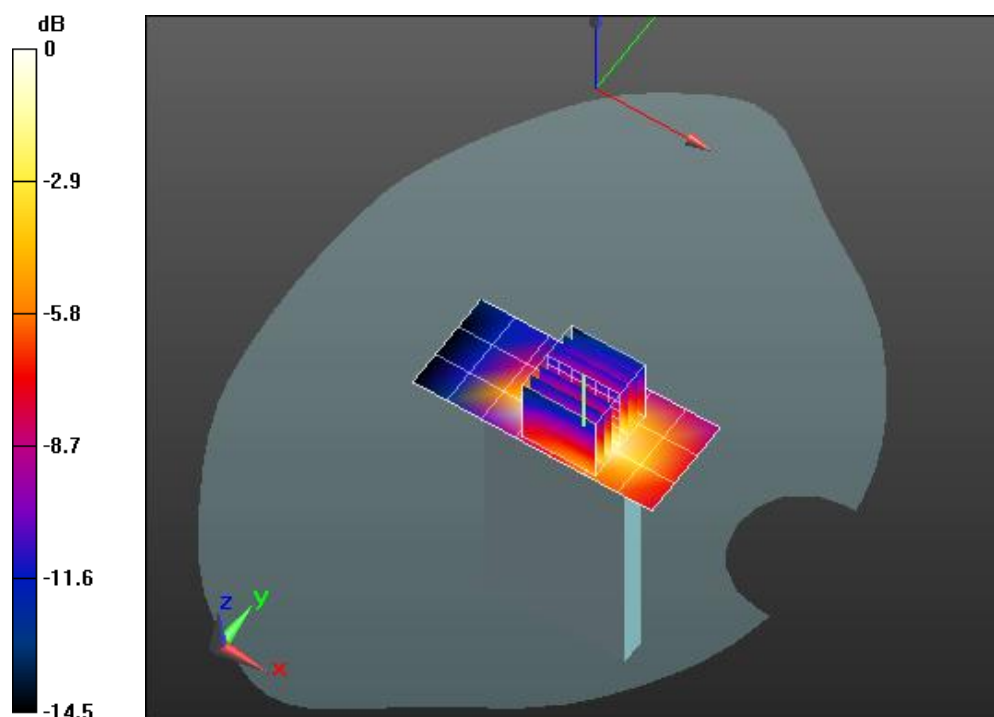
Flat-Section GPRS 850 MSL - 2_4_11/Bottom 10mm GPRS 1TS Mid Ch 2-7-11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.1 V/m; Power Drift = 0.038 dB

Peak SAR (extrapolated) = 0.324 W/kg

SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.106 mW/g

Maximum value of SAR (measured) = 0.213 mW/g



0 dB = 0.213mW/g

Plot 9: GPRS 1 Uplink Timeslots 836.6MHz Left Edge

Date/Time: 2/7/2011 11:43:29 AM, Date/Time: 2/7/2011 11:47:46 AM

DUT: iPhone 4 Side; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 836.6 MHz

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

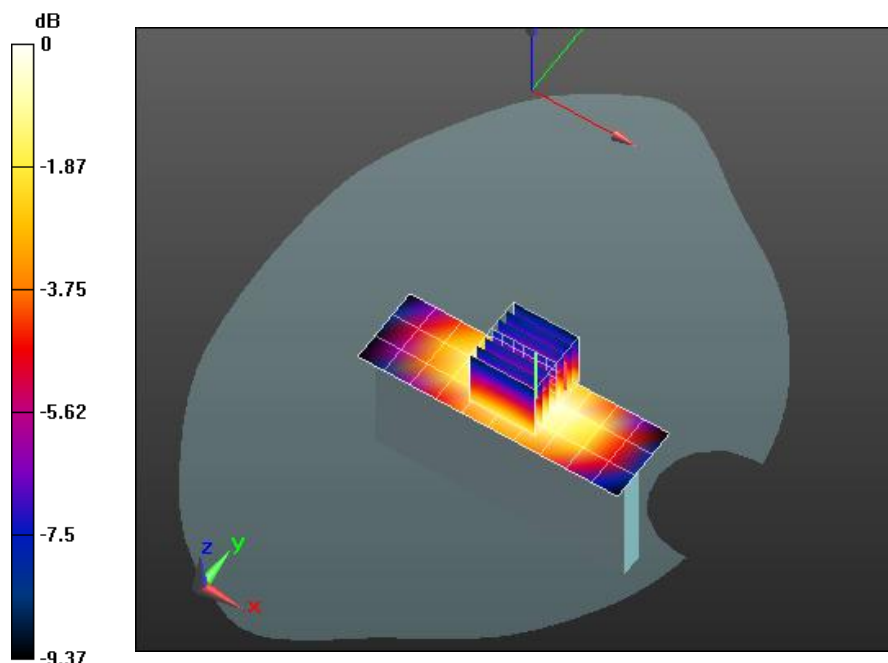
Measurement Standard: DASYS (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05); Calibrated: 10/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685) (Deployment Build)

Flat-Section (E)GPRS 850 MSL - Left_Right Edge 2_7_11/Left Edge 10mm GPRS 1 TS Mid Ch/Area Scan (11x4x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.860 mW/g

Flat-Section (E)GPRS 850 MSL - Left_Right Edge 2_7_11/Left Edge 10mm GPRS 1 TS Mid Ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.1 V/m; Power Drift = 0.030 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.823 mW/g; SAR(10 g) = 0.567 mW/g
Maximum value of SAR (measured) = 0.880 mW/g



Plot 10: GPRS 1 Uplink Timeslots 836.6MHz Right Edge

Date/Time: 2/19/2011 1:48:40 PM, Date/Time: 2/19/2011 1:52:58 PM

DUT: iPhone 4 Side; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 836.6 MHz

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.991$ mho/m; $\epsilon_r = 55.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0;

(E)GPRS Side positions/GPRS Mid 1TS Right/Area Scan (11x4x1):

Measurement grid: dx=12mm, dy=12mm

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

(E)GPRS Side positions/GPRS Mid 1TS Right/Zoom Scan (7x7x7)/Cube 0:

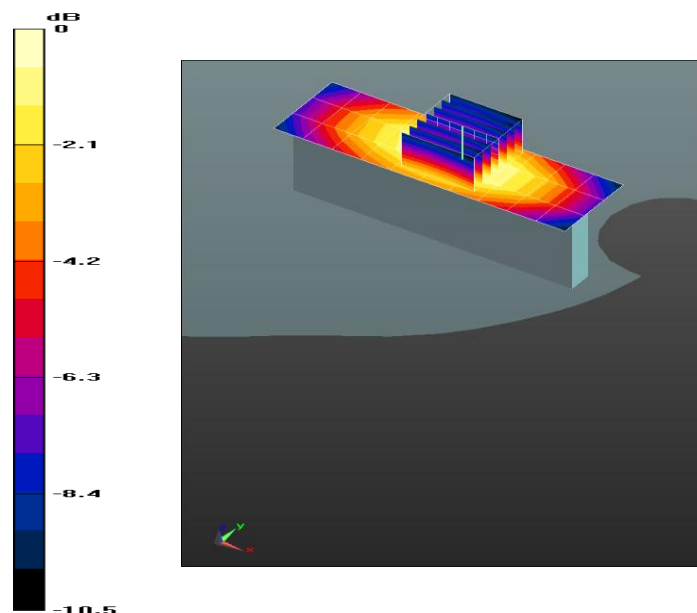
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.707 mW/g; SAR(10 g) = 0.468 mW/g

Maximum value of SAR (measured) = 0.767 mW/g



0 dB = 0.767mW/g

Plot 11: EGPRS 2 Uplink Timeslots 836.6MHz Front

Date/Time: 2/5/2011 2:35:22 PM, Date/Time: 2/5/2011 2:43:06 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 836.6 MHz

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05); Calibrated: 10/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685) (Deployment Build)

Flat-Section (E)GPRS 850 MSL - 2_5_11/Front 10mm EGPRS Mid Ch/Area Scan (8x8x1):

Measurement grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 0.578 mW/g

Flat-Section (E)GPRS 850 MSL - 2_5_11/Front 10mm EGPRS Mid Ch/Zoom Scan (7x7x7)/Cube 0:

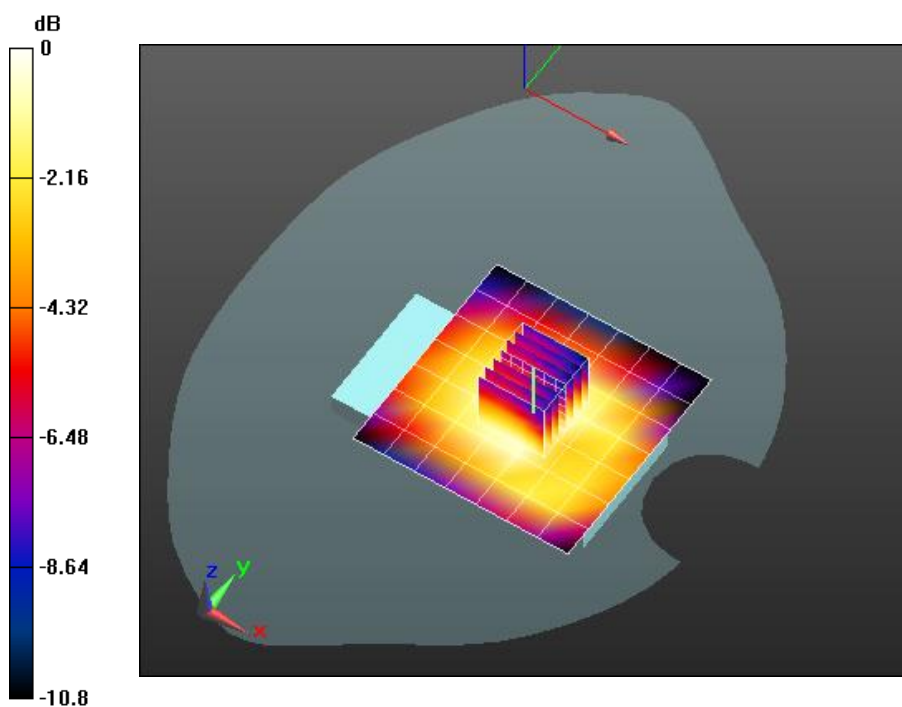
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.3 V/m; Power Drift = 0.034 dB

Peak SAR (extrapolated) = 0.751 W/kg

SAR(1 g) = 0.568 mW/g; SAR(10 g) = 0.415 mW/g

Maximum value of SAR (measured) = 0.601 mW/g



0 dB = 0.601mW/g

Plot 12: EGPRS 2 Uplink Timeslots 836.6MHz Back

Date/Time: 2/5/2011 1:55:34 PM, Date/Time: 2/5/2011 2:01:46 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 836.6 MHz

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05); Calibrated: 10/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685) (Deployment Build)

Flat-Section (E)GPRS 850 MSL - 2_5_11/Back 10mm EGPRS Mid Ch/Area Scan (8x8x1):

Measurement grid: dx=14mm, dy=14mm

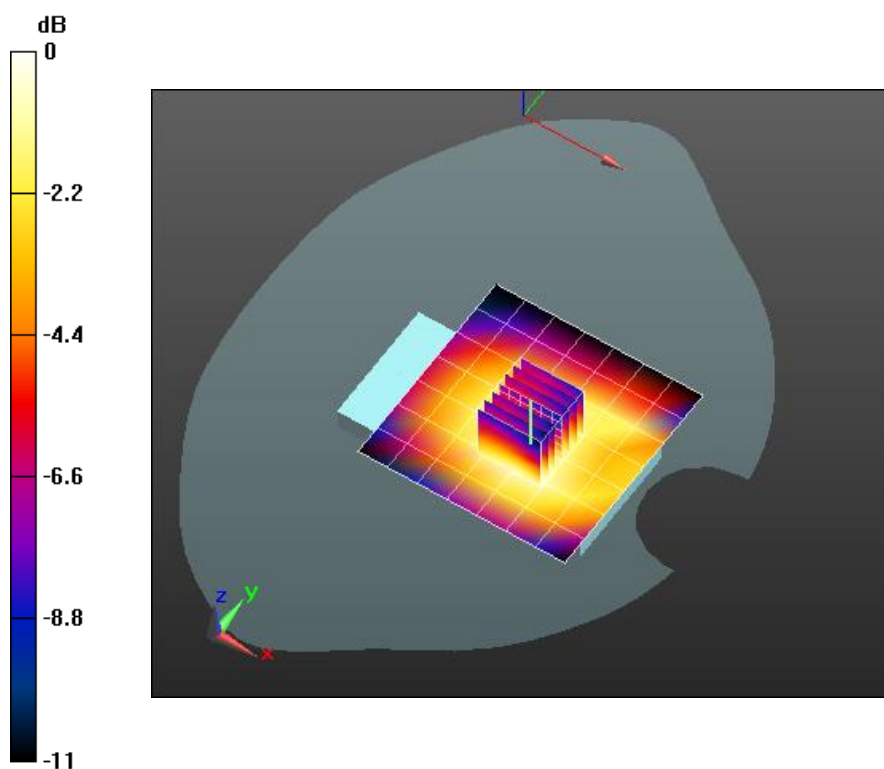
Maximum value of SAR (measured) = 0.654 mW/g

Flat-Section (E)GPRS 850 MSL - 2_5_11/Back 10mm EGPRS Mid Ch/Zoom Scan (7x7x7)/Cube 0:

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

Reference Value = 21 V/m; Power Drift = -0.067 dB

Maximum value of SAR (measured) = 0.664 mW/g



0 dB = 0.664mW/g

Plot 13: EGPRS 2 Uplink Timeslots 836.6MHz Left Edge

Date/Time: 2/5/2011 2:59:49 PM, Date/Time: 2/5/2011 3:04:05 PM

DUT: iPhone 4 Side; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 836.6 MHz

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 55.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05); Calibrated: 10/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685) (Deployment Build)

Flat-Section (E)GPRS 850 MSL - Left Edge/Left Edge 10mm EGPRS Mid Ch/Area Scan (11x4x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.575 mW/g

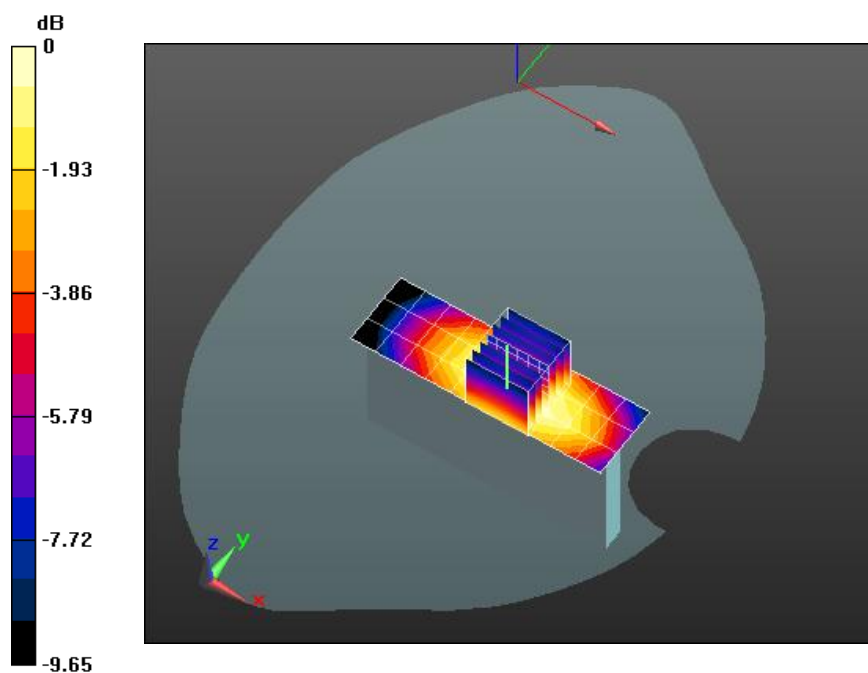
Flat-Section (E)GPRS 850 MSL - Left Edge/Left Edge 10mm EGPRS Mid Ch/Zoom Scan**(7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.6 V/m; Power Drift = 0.00126 dB

Peak SAR (extrapolated) = 0.796 W/kg

SAR(1 g) = 0.548 mW/g; SAR(10 g) = 0.371 mW/g

Maximum value of SAR (measured) = 0.581 mW/g



Plot 14: EGPRS 1 Uplink Timeslots 836.6MHz Back

Date/Time: 2/8/2011 4:23:21 PM, Date/Time: 2/8/2011 4:29:33 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 836.6 MHz

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 55.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0;

Flat-Section GPRS 850 MSL - 2_4_11/Back 10mm EGPRS 1 TS Mid Ch 2-8-11/Area Scan (8x8x1):

Measurement grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 0.305 mW/g

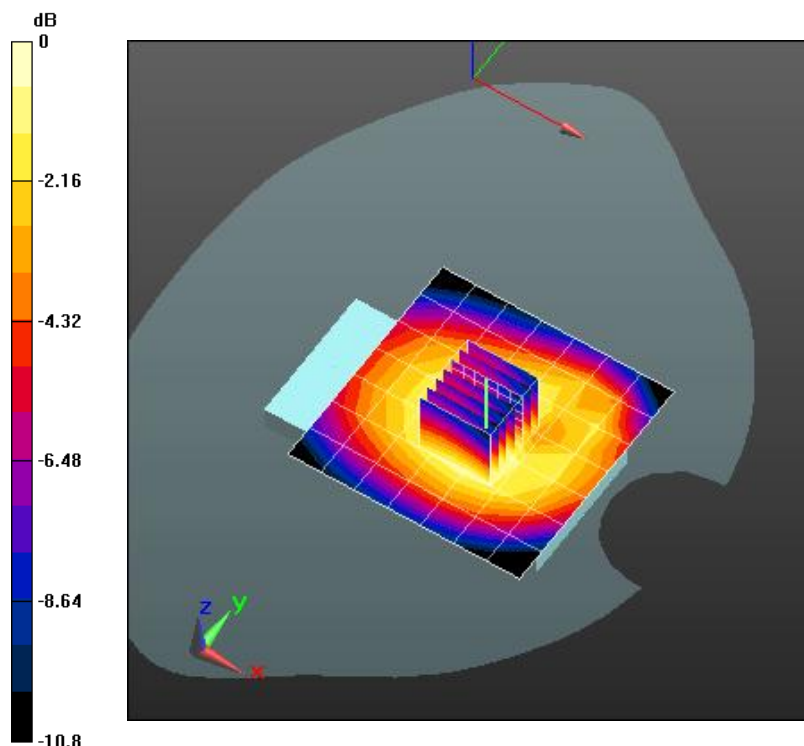
Flat-Section GPRS 850 MSL - 2_4_11/Back 10mm EGPRS 1 TS Mid Ch 2-8-11/Zoom Scan**(7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.4 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.389 W/kg

SAR(1 g) = 0.294 mW/g; SAR(10 g) = 0.214 mW/g

Maximum value of SAR (measured) = 0.312 mW/g



0 dB = 0.312mW/g

Plot 15: GPRS 2 Uplink Timeslots 824.4MHz Back

Date/Time: 2/5/2011 12:02:12 PM, Date/Time: 2/5/2011 12:08:24 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 824.2 MHz

Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05); Calibrated: 10/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685) (Deployment Build)

Flat-Section (E)GPRS 850 MSL - 2_5_11/Back 10mm GPRS Low Ch/Area Scan (8x8x1):

Measurement grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 1.22 mW/g

Flat-Section (E)GPRS 850 MSL - 2_5_11/Back 10mm GPRS Low Ch/Zoom Scan (7x7x7)/Cube 0:

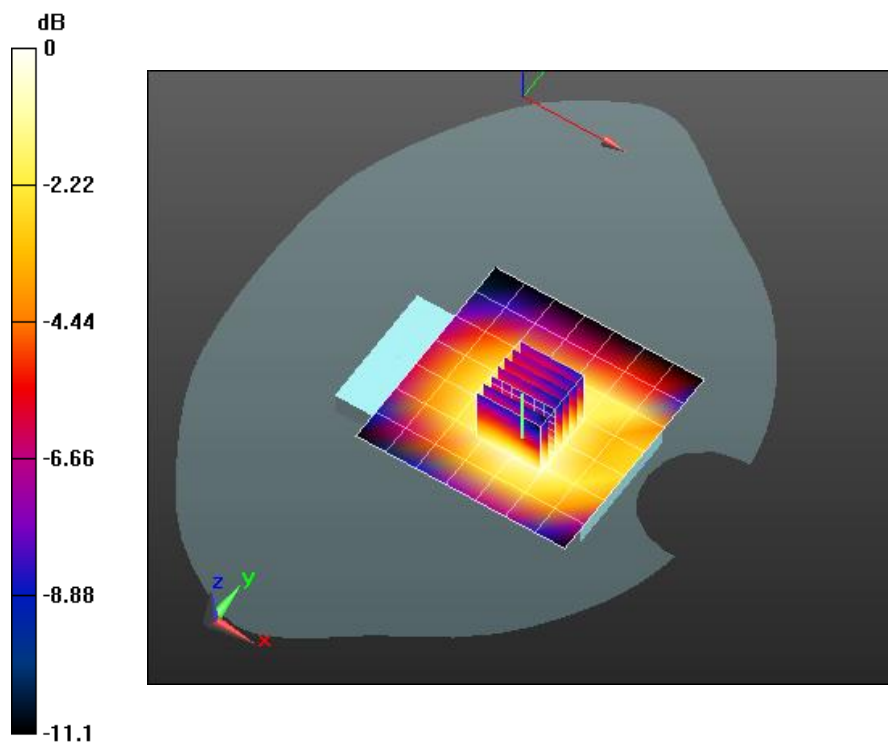
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.4 V/m; Power Drift = -0.043 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.816 mW/g

Maximum value of SAR (measured) = 1.21 mW/g



Plot 16: GPRS 2 Uplink Timeslots 824.4MHz Front

Date/Time: 2/7/2011 1:57:44 PM, Date/Time: 2/7/2011 2:03:56 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 824.2 MHz

Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.978$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05); Calibrated: 10/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685) (Deployment Build)

Flat-Section GPRS 850 MSL - 2_4_11/Front 10mm GPRS 2TS Low Ch 128_2-7-11/Area Scan**(71x71x1):** Measurement grid: dx=14mm, dy=14mm

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

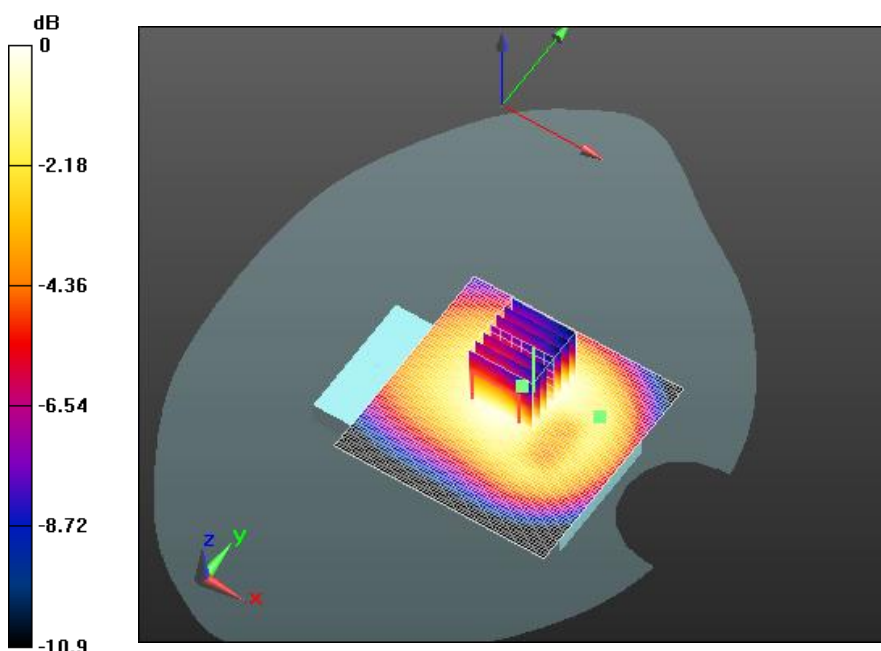
Flat-Section GPRS 850 MSL - 2_4_11/Front 10mm GPRS 2TS Low Ch 128_2-7-11/Zoom Scan**(7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.2 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.995 mW/g; SAR(10 g) = 0.712 mW/g

Maximum value of SAR (measured) = 1.06 mW/g



0 dB = 1.06mW/g

Plot 17: GPRS 2 Uplink Timeslots 824.4MHz Left Edge

Date/Time: 2/7/2011 1:11:27 PM, Date/Time: 2/7/2011 1:15:44 PM

DUT: iPhone 4 Side; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 824.2 MHz

Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 55.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05); Calibrated: 10/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685) (Deployment Build)

Flat-Section (E)GPRS 850 MSL - Left_Right Edge 2_7_11/Left Edge 10mm GPRS 2 TS Low**Ch/Area Scan (11x4x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.877 mW/g

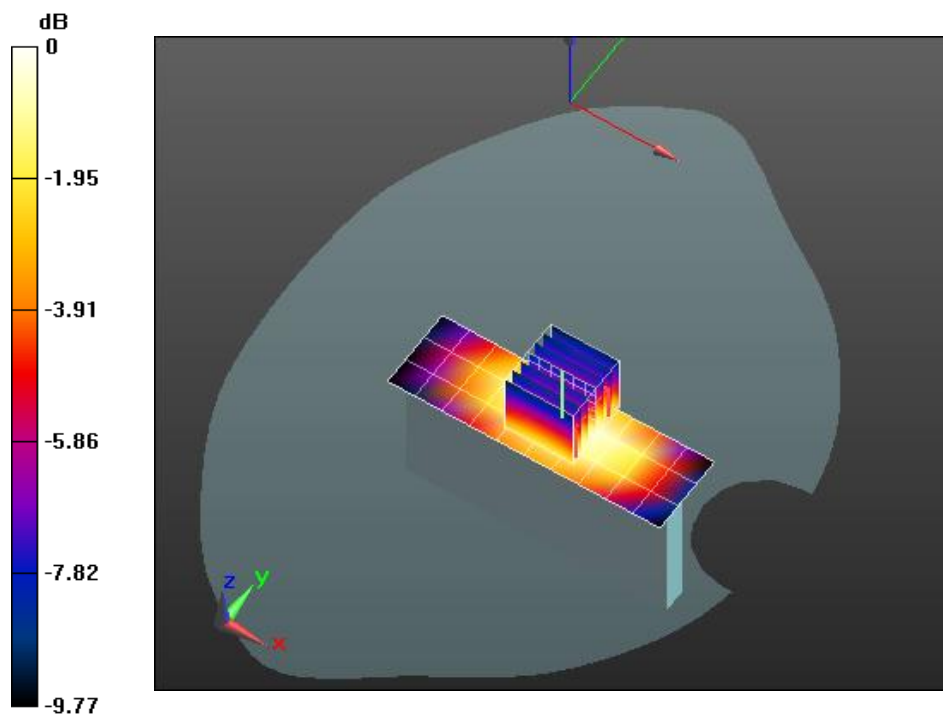
Flat-Section (E)GPRS 850 MSL - Left_Right Edge 2_7_11/Left Edge 10mm GPRS 2 TS Low**Ch/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.5 V/m; Power Drift = -0.175 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.834 mW/g; SAR(10 g) = 0.568 mW/g

Maximum value of SAR (measured) = 0.896 mW/g



Plot 18: GPRS 1 Uplink Timeslots 824.4MHz Back

Date/Time: 2/7/2011 3:37:44 PM, Date/Time: 2/7/2011 4:04:53 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 824.2 MHz

Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.978$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05); Calibrated: 10/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685) (Deployment Build)

Flat-Section GPRS 850 MSL - 2_4_11/Back 10mm GPRS 1TS Low Ch 2-7-11_/Area Scan (8x8x1):

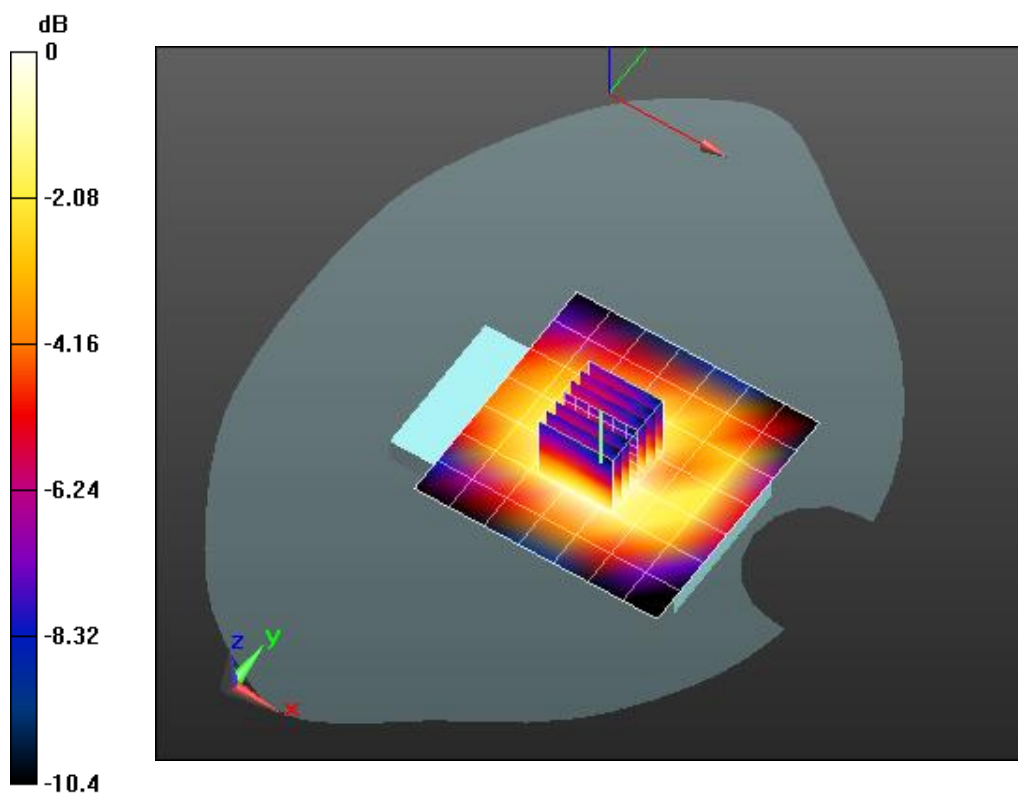
Measurement grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 0.865 mW/g

Flat-Section GPRS 850 MSL - 2_4_11/Back 10mm GPRS 1TS Low Ch 2-7-11_/Zoom Scan**(7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.9 V/m; Power Drift = -0.085 dB

Maximum value of SAR (measured) = 0.872 mW/g



0 dB = 0.872mW/g

Plot 19: GPRS 1 Uplink Timeslots 824.4MHz Front

Date/Time: 2/19/2011 4:01:37 PM, Date/Time: 2/19/2011 4:18:38 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 824.2 MHz

Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0;

(E)GPRS/GPRS Low 1TS Front/Area Scan (8x8x1): Measurement grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 0.840 mW/g

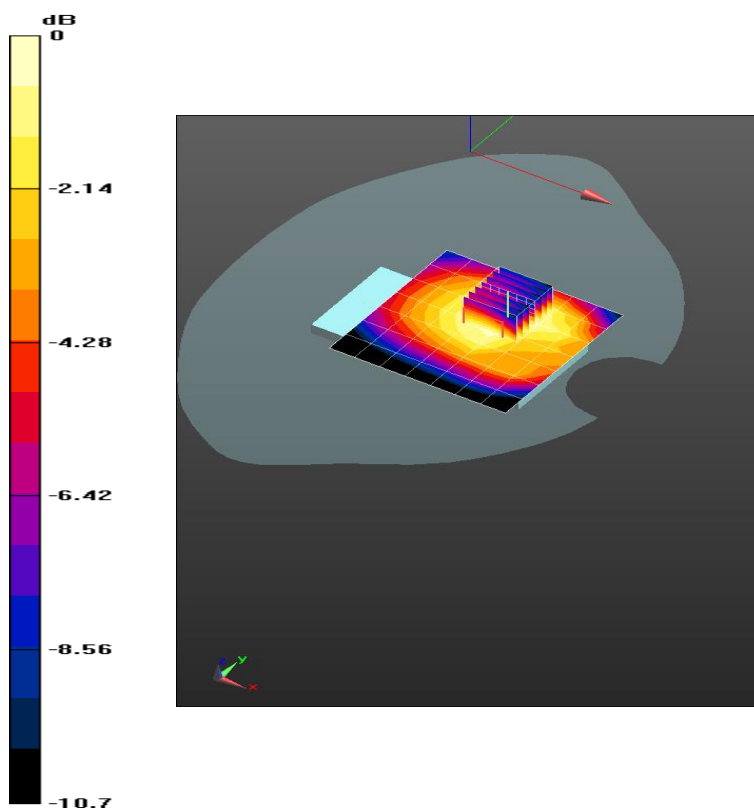
(E)GPRS/GPRS Low 1TS Front/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.2 V/m; Power Drift = -0.194 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.804 mW/g; SAR(10 g) = 0.578 mW/g

Maximum value of SAR (measured) = 0.852 mW/g



0 dB = 0.852mW/g

Plot 20: GPRS 1 Uplink Timeslots 824.4MHz Left Edge

Date/Time: 2/19/2011 2:42:44 PM, Date/Time: 2/19/2011 2:47:01 PM

DUT: iPhone 4 Side; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 824.2 MHz

Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0;

(E)GPRS Side positions/GPRS Low 1TS Left/Area Scan (11x4x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.01 mW/g

(E)GPRS Side positions/GPRS Low 1TS Left/Zoom Scan (7x7x7)/Cube 0:

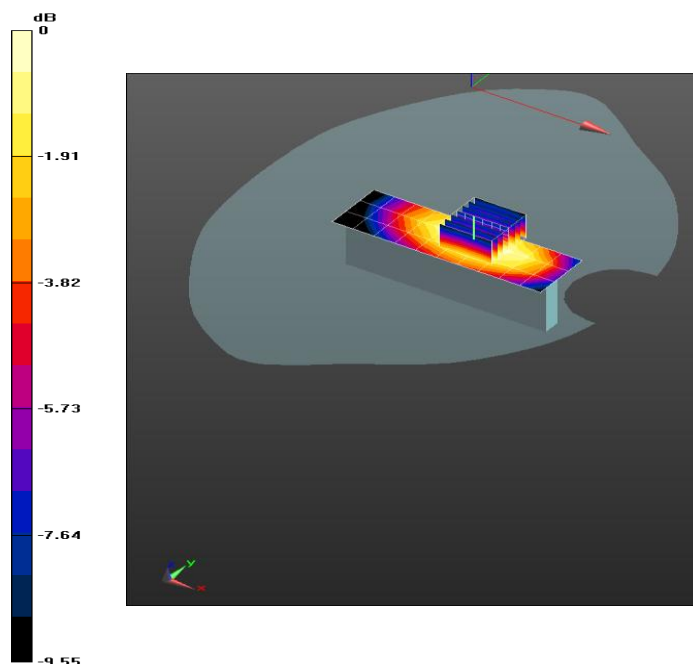
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.6 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.928 mW/g; SAR(10 g) = 0.634 mW/g

Maximum value of SAR (measured) = 0.994 mW/g



0 dB = 0.994mW/g

Plot 21: GPRS 2 Uplink Timeslots 848.8MHz Back

Date/Time: 2/5/2011 12:22:58 PM, Date/Time: 2/5/2011 12:29:09 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 848.6 MHz

Medium parameters used: $f = 848.8$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05); Calibrated: 10/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685) (Deployment Build)

Flat-Section (E)GPRS 850 MSL - 2_5_11/Back 10mm GPRS High Ch/Area Scan (8x8x1):

Measurement grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 1.2 mW/g

Flat-Section (E)GPRS 850 MSL - 2_5_11/Back 10mm GPRS High Ch/Zoom Scan (7x7x7)/Cube 0:

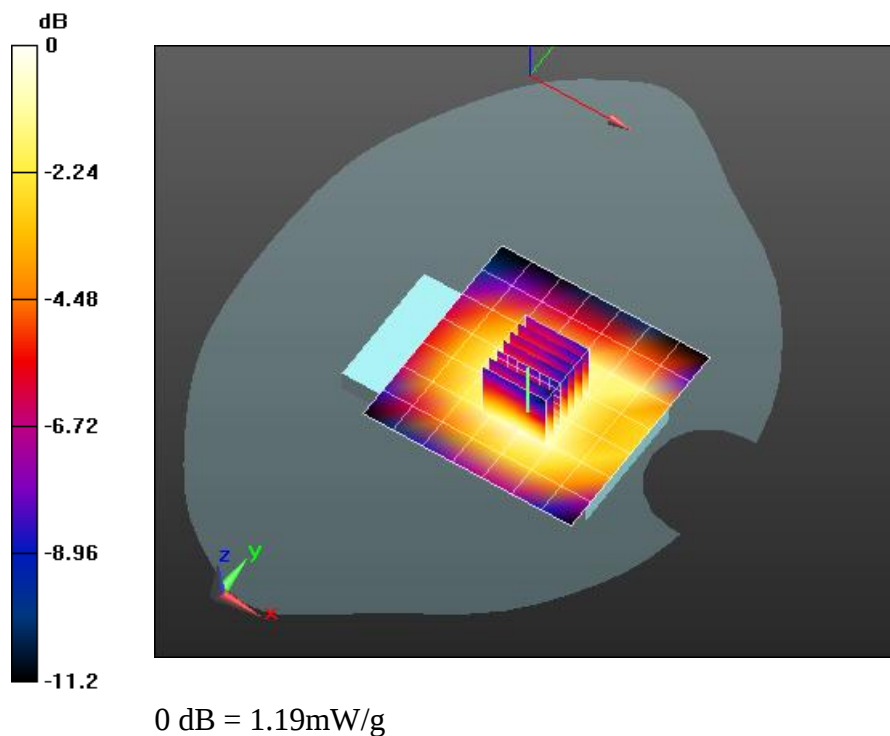
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.7 V/m; Power Drift = -0.030 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.814 mW/g

Maximum value of SAR (measured) = 1.19 mW/g



Plot 22: GPRS 2 Uplink Timeslots 848.8MHz Front

Date/Time: 2/7/2011 2:26:40 PM, Date/Time: 2/7/2011 2:32:53 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 848.6 MHz

Medium parameters used: $f = 848.8$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05); Calibrated: 10/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685) (Deployment Build)

Flat-Section GPRS 850 MSL - 2_4_11/Front 10mm GPRS 2TS High Ch 251_2-7-11/Area Scan**(71x71x1):** Measurement grid: dx=14mm, dy=14mm

Maximum value of SAR (interpolated) = 1.18 mW/g

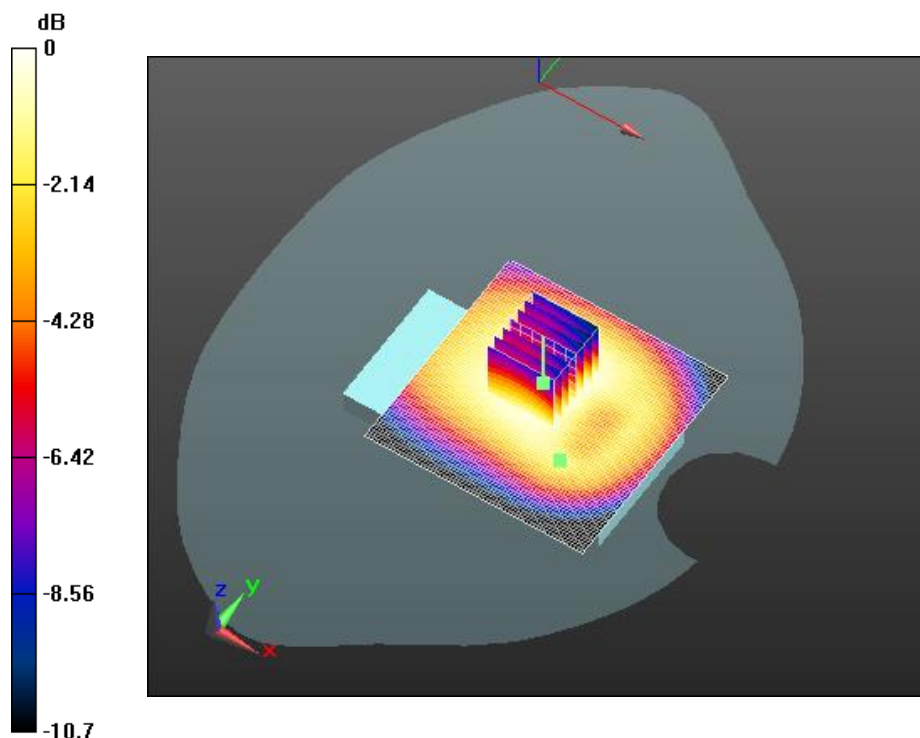
Flat-Section GPRS 850 MSL - 2_4_11/Front 10mm GPRS 2TS High Ch 251_2-7-11/Zoom Scan**(7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 31.6 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.802 mW/g

Maximum value of SAR (measured) = 1.16 mW/g



0 dB = 1.16mW/g

Plot 23: GPRS 2 Uplink Timeslots 848.8MHz Left Edge

Date/Time: 2/7/2011 1:30:55 PM, Date/Time: 2/7/2011 1:35:13 PM

DUT: iPhone 4 Side; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 848.6 MHz

Medium parameters used: $f = 848.8$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05); Calibrated: 10/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685) (Deployment Build)

Flat-Section (E)GPRS 850 MSL - Left_Right Edge 2_7_11/Left Edge 10mm GPRS 2 TS High**Ch/Area Scan (11x4x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.06 mW/g

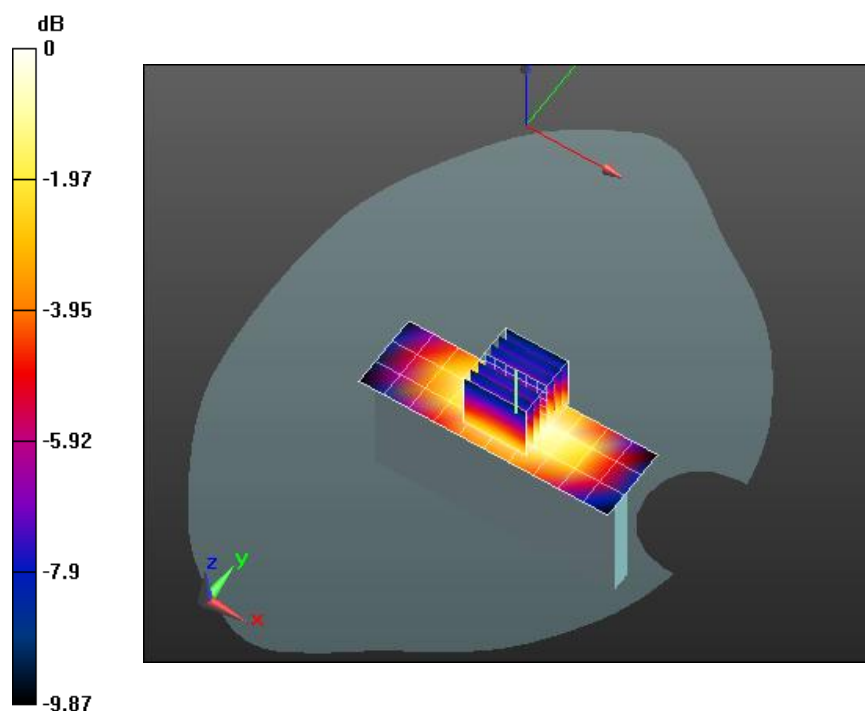
Flat-Section (E)GPRS 850 MSL - Left_Right Edge 2_7_11/Left Edge 10mm GPRS 2 TS High**Ch/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 32.1 V/m; Power Drift = 0.021 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 1 mW/g; SAR(10 g) = 0.672 mW/g

Maximum value of SAR (measured) = 1.08 mW/g



Plot 24: GPRS 1 Uplink Timeslots 848.8MHz Back

Date/Time: 2/7/2011 4:19:38 PM, Date/Time: 2/7/2011 4:25:50 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 848.6 MHz

Medium parameters used: $f = 848.8$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05); Calibrated: 10/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685) (Deployment Build)

Flat-Section GPRS 850 MSL - 2_4_11/Back 10mm GPRS 1TS High Ch 2-7-11_/Area Scan (8x8x1):

Measurement grid: dx=14mm, dy=14mm

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

Flat-Section GPRS 850 MSL - 2_4_11/Back 10mm GPRS 1TS High Ch 2-7-11_/Zoom Scan

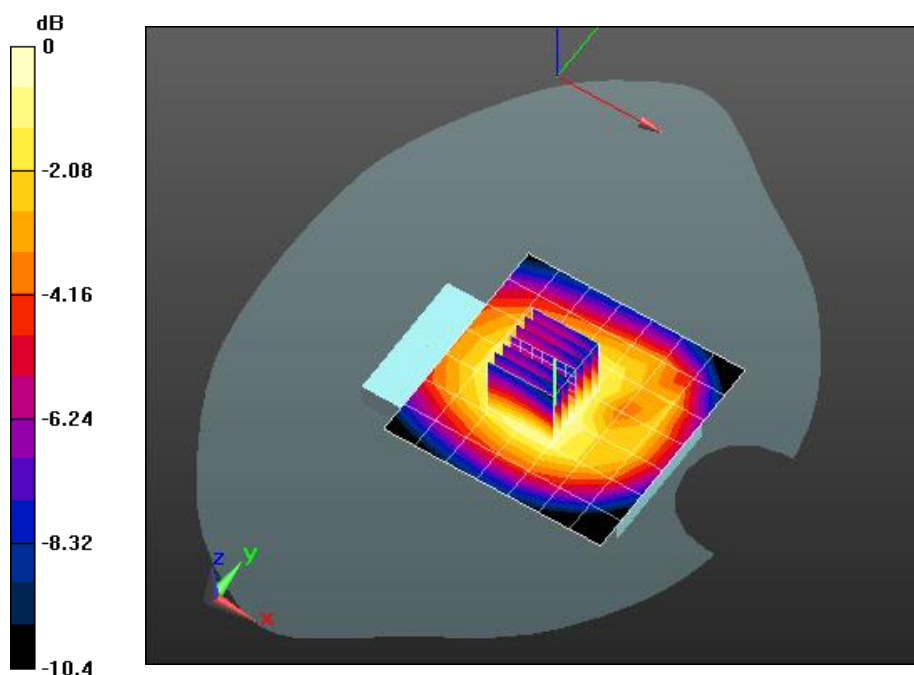
(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.2 V/m; Power Drift = -0.00342 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.997 mW/g; SAR(10 g) = 0.726 mW/g

Maximum value of SAR (measured) = 1.06 mW/g



0 dB = 1.06mW/g

Plot 25: GPRS 1 Uplink Timeslots 848.8MHz Front

Date/Time: 2/7/2011 5:04:43 PM, Date/Time: 2/7/2011 5:10:56 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 848.6 MHz

Medium parameters used: $f = 848.8$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05); Calibrated: 10/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685) (Deployment Build)

Flat-Section GPRS 850 MSL - 2_4_11/Front 10mm GPRS 1TS High Ch 2-7-11/Area Scan (8x8x1):

Measurement grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 0.981 mW/g

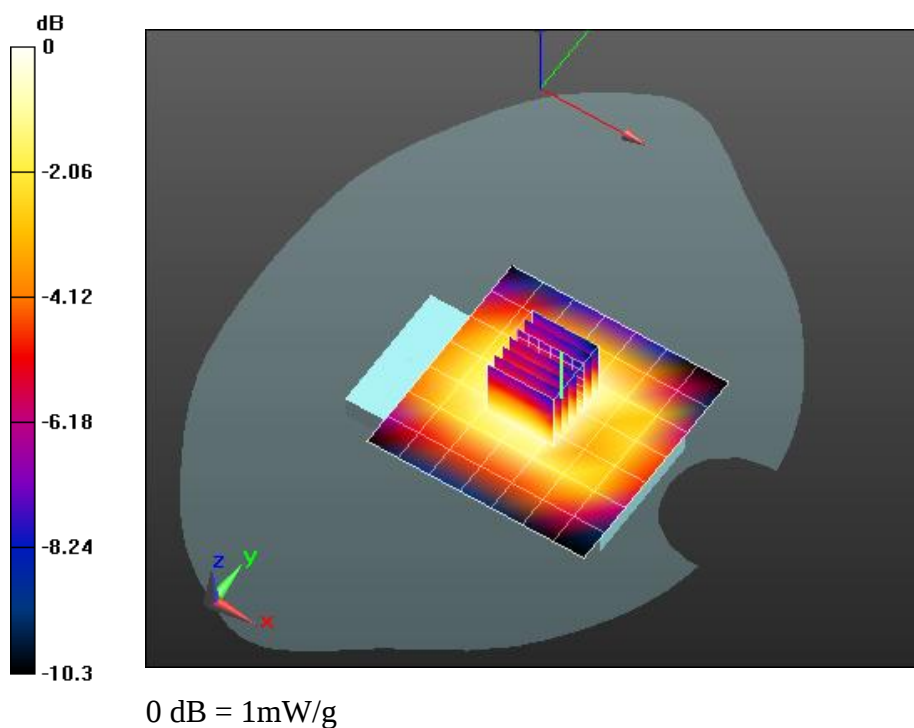
Flat-Section GPRS 850 MSL - 2_4_11/Front 10mm GPRS 1TS High Ch 2-7-11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.2 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.950 mW/g; SAR(10 g) = 0.702 mW/g

Maximum value of SAR (measured) = 1 mW/g



Plot 26: GPRS 1 Uplink Timeslots 848.8MHz Left Edge

Date/Time: 2/7/2011 12:36:19 PM, Date/Time: 2/7/2011 12:40:37 PM

DUT: iPhone 4 Side; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 848.6 MHz

Medium parameters used: $f = 848.8$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05); Calibrated: 10/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685) (Deployment Build)

Flat-Section (E)GPRS 850 MSL - Left_Right Edge 2_7_11/Left Edge 10mm GPRS 1 TS High**Ch/Area Scan (11x4x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.898 mW/g

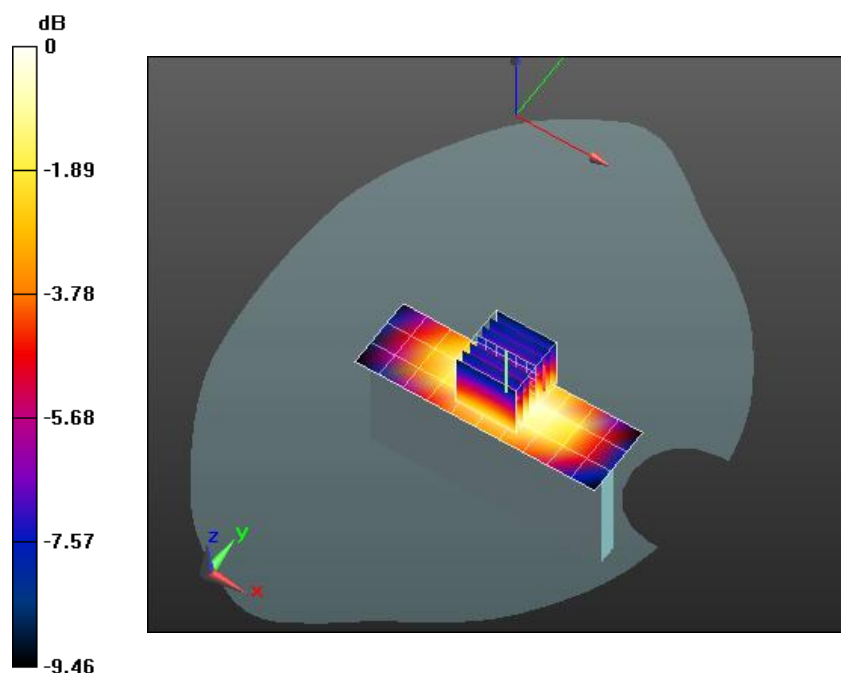
Flat-Section (E)GPRS 850 MSL - Left_Right Edge 2_7_11/Left Edge 10mm GPRS 1 TS High**Ch/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.7 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.849 mW/g; SAR(10 g) = 0.583 mW/g

Maximum value of SAR (measured) = 0.912 mW/g



Plot 27: WCDMA FDDV 836.6MHz Front

Date/Time: 2/5/2011 5:57:12 PM, Date/Time: 2/5/2011 6:03:22 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: CDMA2000 (1xRTT, RC1); Frequency: 836.49 MHz

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0;

Flat-Section WCDMA FDDV MSL/Front 10mm/Area Scan (8x8x1): Measurement grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 0.942 mW/g

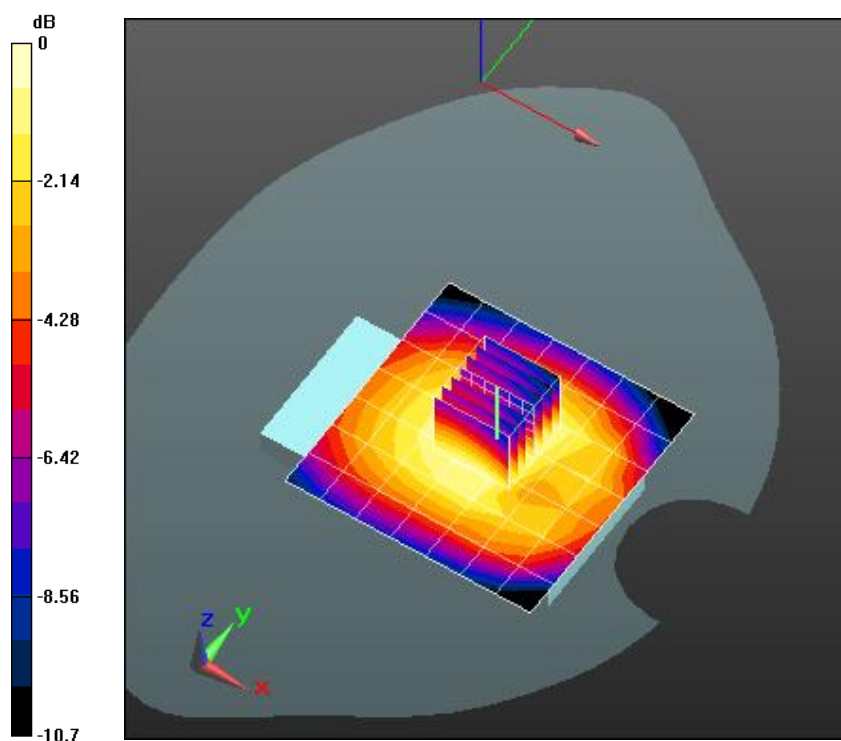
Flat-Section WCDMA FDDV MSL/Front 10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28 V/m; Power Drift = 0.020 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.931 mW/g; SAR(10 g) = 0.681 mW/g

Maximum value of SAR (measured) = 0.987 mW/g



0 dB = 0.987mW/g

Plot 28: WCDMA FDDV 836.6MHz Back

Date/Time: 2/5/2011 6:17:45 PM, Date/Time: 2/5/2011 6:23:56 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: CDMA2000 (1xRTT, RC1); Frequency: 836.49 MHz

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05); Calibrated: 10/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685) (Deployment Build)

Flat-Section WCDMA FDDV MSL/Back 10mm/Area Scan (8x8x1): Measurement grid: dx=14mm, dy=14mm

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

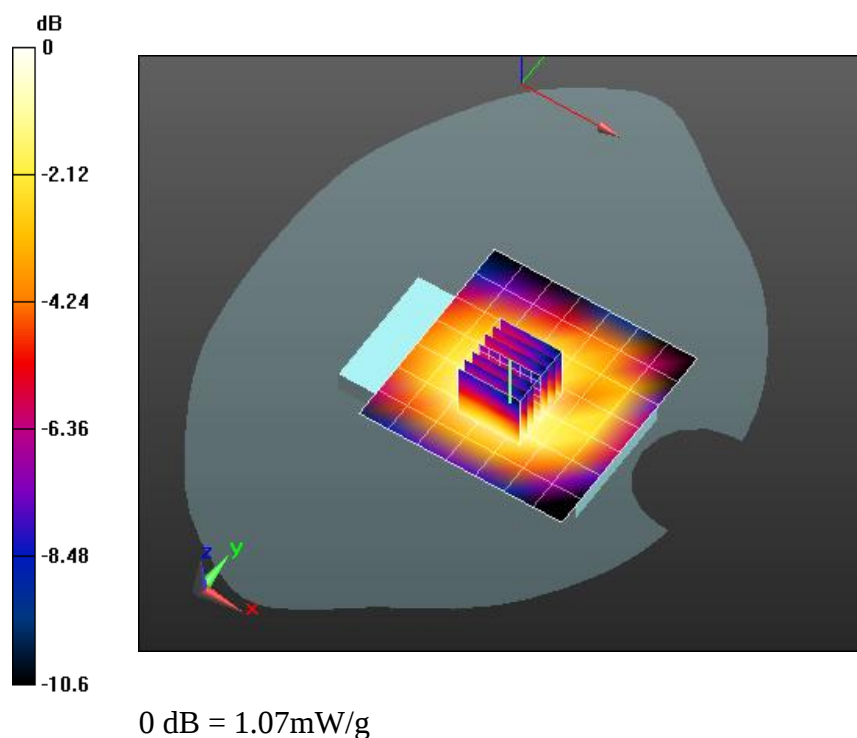
Flat-Section WCDMA FDDV MSL/Back 10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.2 V/m; Power Drift = 0.023 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.724 mW/g

Maximum value of SAR (measured) = 1.07 mW/g



Plot 29: WCDMA FDDV 836.6MHz Bottom Edge

Date/Time: 2/5/2011 5:23:01 PM, Date/Time: 2/5/2011 5:31:28 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: CDMA2000 (1xRTT, RC1); Frequency: 836.49 MHz

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05); Calibrated: 10/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685) (Deployment Build)

Flat-Section WCDMA FDDV MSL/Bottom 10mm/Area Scan (11x8x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.192 mW/g

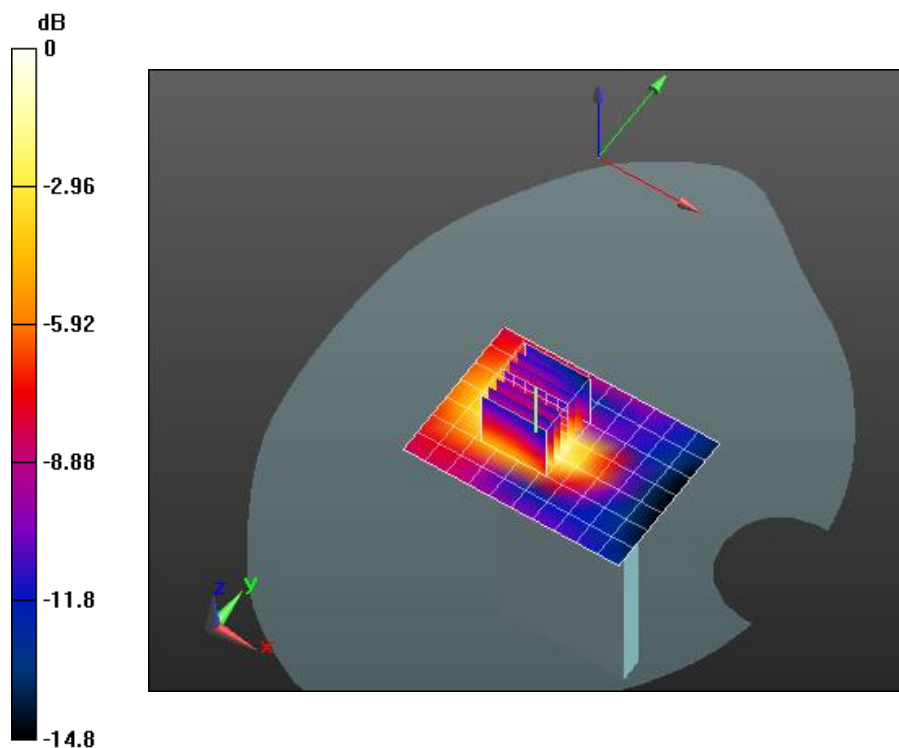
Flat-Section WCDMA FDDV MSL/Bottom 10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.5 V/m; Power Drift = 0.061 dB

Peak SAR (extrapolated) = 0.320 W/kg

SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.110 mW/g

Maximum value of SAR (measured) = 0.214 mW/g



0 dB = 0.214mW/g

Plot 30: WCDMA FDDV 836.6MHz Left Edge

Date/Time: 2/5/2011 7:47:49 PM, Date/Time: 2/5/2011 7:52:06 PM

DUT: iPhone 4 Side; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: CDMA2000 (1xRTT, RC1); Frequency: 836.49 MHz

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05); Calibrated: 10/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685) (Deployment Build)

Flat-Section WCDMA FDDV 850 MSL - Left Edge/Left Edge 10mm FDDV Mid Ch/Area Scan**(11x4x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.902 mW/g

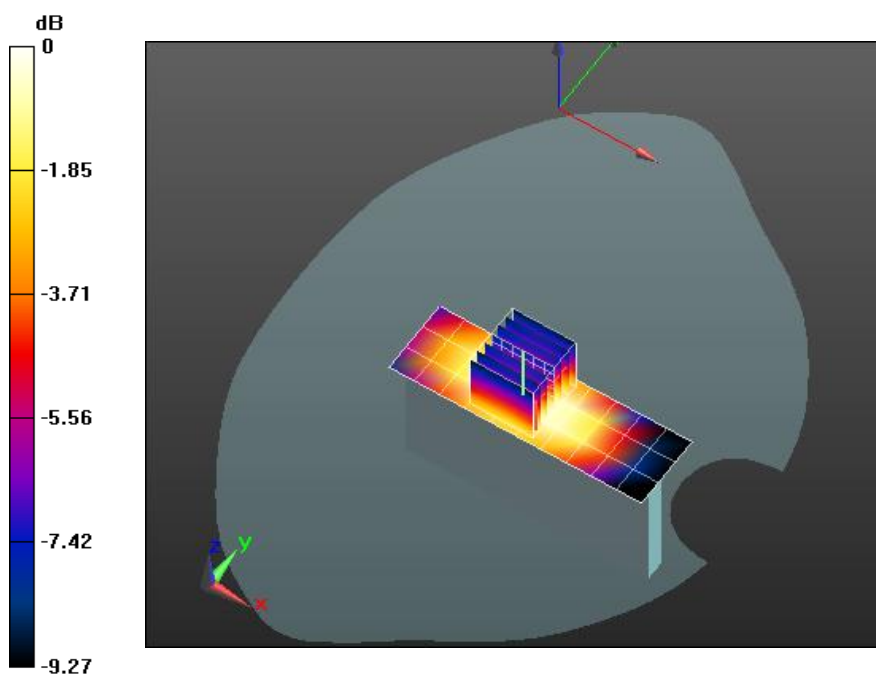
Flat-Section WCDMA FDDV 850 MSL - Left Edge/Left Edge 10mm FDDV Mid Ch/Zoom Scan**(7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 31.7 V/m; Power Drift = -0.142 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.888 mW/g; SAR(10 g) = 0.613 mW/g

Maximum value of SAR (measured) = 0.949 mW/g



Plot 31: WCDMA FDDV 836.6MHz Right Edge

Date/Time: 2/7/2011 6:12:53 PM, Date/Time: 2/7/2011 6:17:09 PM

DUT: iPhone 4 Side; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: CDMA2000 (1xRTT, RC1); Frequency: 836.49 MHz

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05); Calibrated: 10/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685) (Deployment Build)

Flat-Section WCDMA FDDV 850 MSL - Left_Right Edge 2_7_11/Right Edge 10mm FDDV Mid Ch/Area Scan (11x4x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.715 mW/g

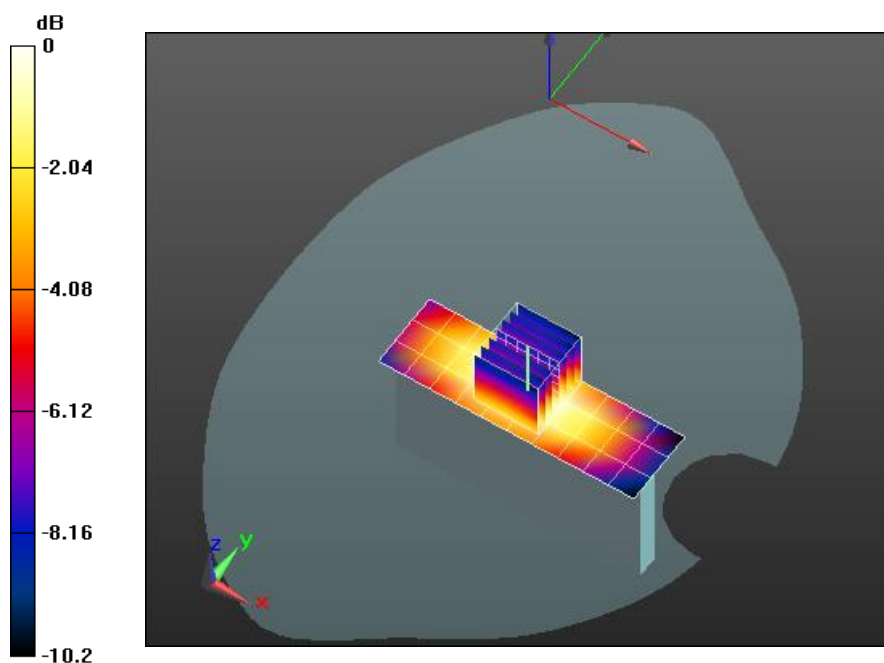
Flat-Section WCDMA FDDV 850 MSL - Left_Right Edge 2_7_11/Right Edge 10mm FDDV Mid Ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.9 V/m; Power Drift = -0.122 dB

Peak SAR (extrapolated) = 0.998 W/kg

SAR(1 g) = 0.688 mW/g; SAR(10 g) = 0.461 mW/g

Maximum value of SAR (measured) = 0.741 mW/g



Plot 32: WCDMA FDDV 826.4MHz Back

Date/Time: 2/5/2011 6:41:06 PM, Date/Time: 2/5/2011 6:47:16 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: CDMA2000 (1xRTT, RC1); Frequency: 824.04 MHz

Medium parameters used (extrapolated): $f = 824.04$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05); Calibrated: 10/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685) (Deployment Build)

Flat-Section WCDMA FDDV MSL/Back 10mm 2/Area Scan (8x8x1): Measurement grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 0.944 mW/g

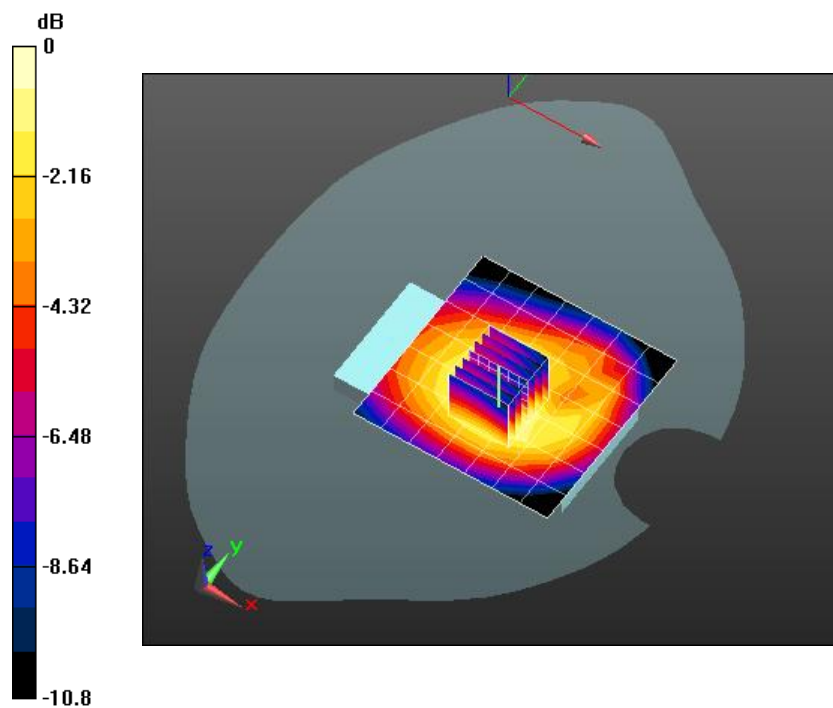
Flat-Section WCDMA FDDV MSL/Back 10mm 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.6 V/m; Power Drift = -0.000775 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.918 mW/g; SAR(10 g) = 0.657 mW/g

Maximum value of SAR (measured) = 0.976 mW/g



0 dB = 0.976mW/g

Plot 33: WCDMA FDDV 826.4MHz Front

Date/Time: 2/5/2011 6:41:06 PM, Date/Time: 2/5/2011 6:47:16 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: CDMA2000 (1xRTT, RC1); Frequency: 824.04 MHz

Medium parameters used (extrapolated): $f = 824.04$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0;

Flat-Section WCDMA FDDV MSL/Back 10mm 2/Area Scan (8x8x1): Measurement grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 0.944 mW/g

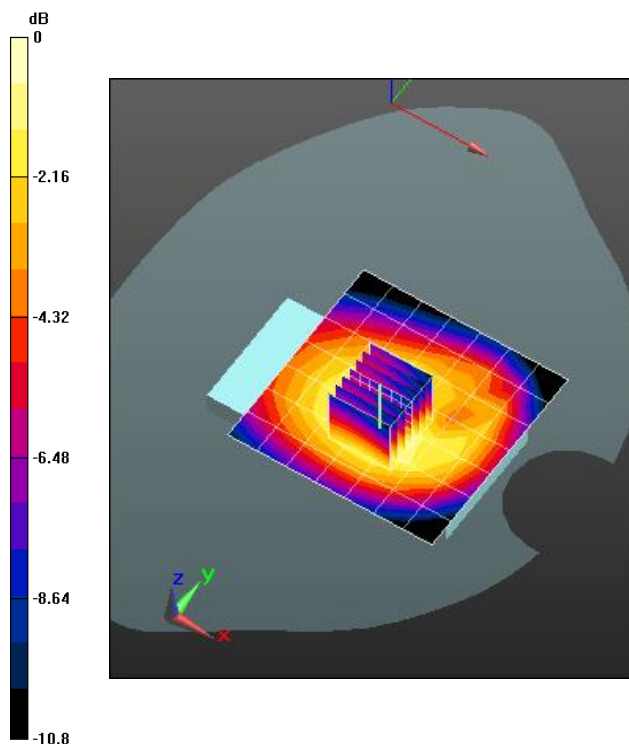
Flat-Section WCDMA FDDV MSL/Back 10mm 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.6 V/m; Power Drift = -0.000775 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.918 mW/g; SAR(10 g) = 0.657 mW/g

Maximum value of SAR (measured) = 0.976 mW/g



0 dB = 0.976mW/g

Plot 34: WCDMA FDDV 826.4MHz Left Edge

Date/Time: 2/7/2011 6:31:47 PM, Date/Time: 2/7/2011 6:36:04 PM

DUT: iPhone 4 Side; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: CDMA2000 (1xRTT, RC1); Frequency: 824.04 MHz

Medium parameters used (extrapolated): $f = 824.04$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 55.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

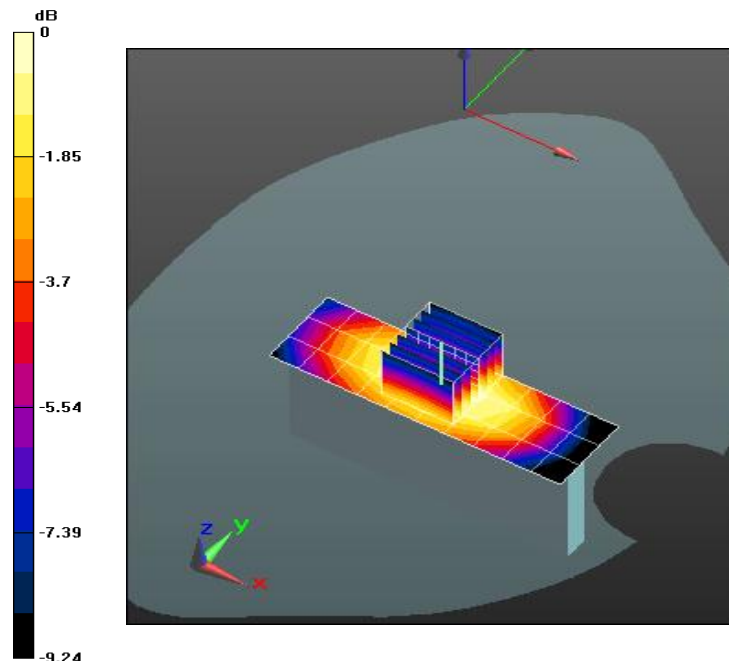
Measurement Standard: DASYS (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0;

Flat-Section WCDMA FDDV 850 MSL - Left_Right Edge 2_7_11/Left Edge 10mm FDDV Low Ch/Area Scan (11x4x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.818 mW/g

Flat-Section WCDMA FDDV 850 MSL - Left_Right Edge 2_7_11/Left Edge 10mm FDDV Low Ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.6 V/m; Power Drift = 0.038 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.797 mW/g; SAR(10 g) = 0.551 mW/g
Maximum value of SAR (measured) = 0.851 mW/g



0 dB = 0.851mW/g

Plot 35: WCDMA FDDV 846.6MHz Back

Date/Time: 2/5/2011 7:01:54 PM, Date/Time: 2/5/2011 7:08:04 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: CDMA2000 (1xRTT, RC1); Frequency: 848.97 MHz

Medium parameters used (interpolated): $f = 848.97$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0;

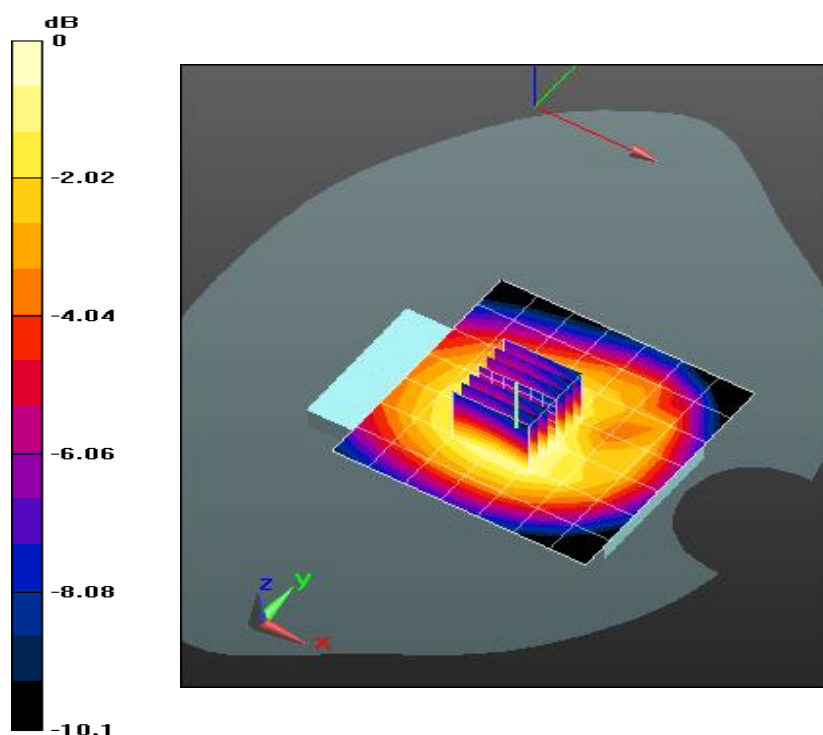
Flat-Section WCDMA FDDV MSL/Back 10mm 3/Area Scan (8x8x1): Measurement grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 1.06 mW/g

Flat-Section WCDMA FDDV MSL/Back 10mm 3/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.9 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.731 mW/g

0 dB = 1.06mW/g

Plot 36: WCDMA FDDV 846.6MHz Front

Date/Time: 2/19/2011 4:35:05 PM, Date/Time: 2/19/2011 4:41:16 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: CDMA2000 (1xRTT, RC1); Frequency: 848.97 MHz

Medium parameters used (extrapolated): $f = 848.97$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0;

FDDV/FDDV High Front/Area Scan (8x8x1): Measurement grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 1.03 mW/g

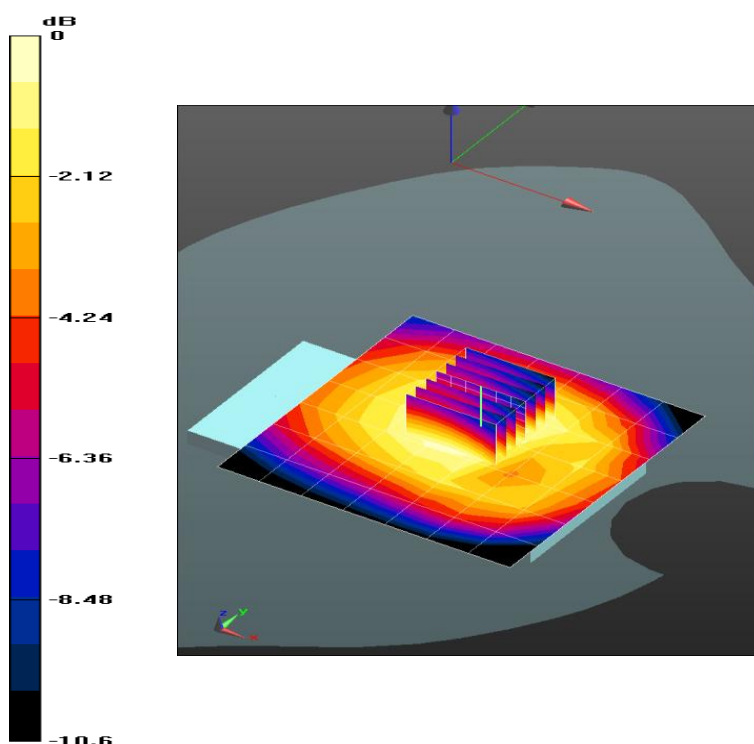
FDDV/FDDV High Front/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.8 V/m; Power Drift = -0.186 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.747 mW/g

Maximum value of SAR (measured) = 1.08 mW/g



0 dB = 1.08mW/g

Plot 37: WCDMA FDDV 846.6MHz Left Edge

Date/Time: 2/7/2011 6:49:46 PM, Date/Time: 2/7/2011 6:54:03 PM

DUT: iPhone 4 Side; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: CDMA2000 (1xRTT, RC1); Frequency: 848.97 MHz

Medium parameters used (interpolated): $f = 848.97$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0;

Flat-Section WCDMA FDDV 850 MSL - Left_Right Edge 2_7_11/Left Edge 10mm FDDV High Ch/Area Scan (11x4x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.980 mW/g

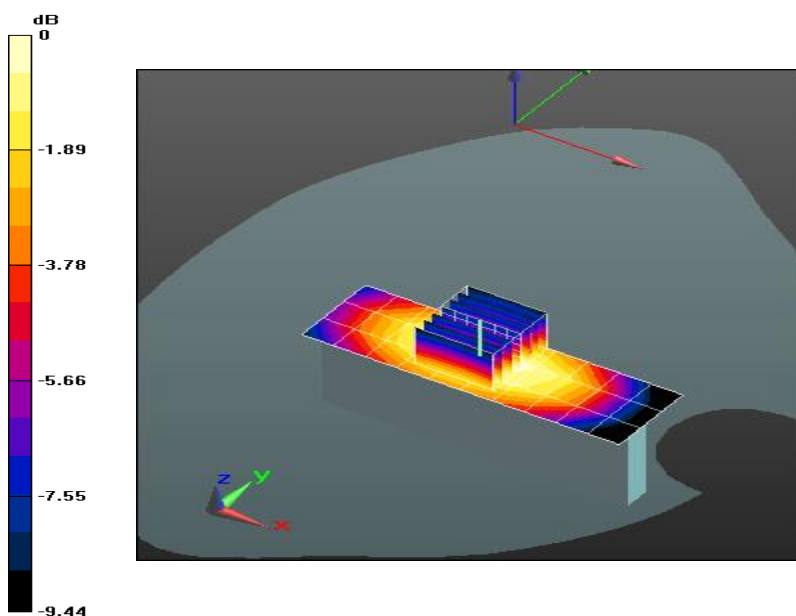
Flat-Section WCDMA FDDV 850 MSL - Left_Right Edge 2_7_11/Left Edge 10mm FDDV High Ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 32.3 V/m; Power Drift = -0.0095 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.954 mW/g; SAR(10 g) = 0.656 mW/g

Maximum value of SAR (measured) = 1.02 mW/g



0 dB = 1.02mW/g

Plot 38: GPRS 2 Uplink timeslots 1880MHz Front

Date/Time: 2/20/2011 11:38:32 AM, Date/Time: 2/20/2011 11:50:01 AM, Date/Time: 2/20/2011 12:02:55 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.62, 4.62, 4.62);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASY52, V52.2 Build 0;

(E)GPRS/GPRS Mid 2TS Front/Area Scan (10x8x1): Measurement grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 0.643 mW/g

(E)GPRS/GPRS Mid 2TS Front/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.6 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.606 mW/g; SAR(10 g) = 0.362 mW/g

Maximum value of SAR (measured) = 0.652 mW/g

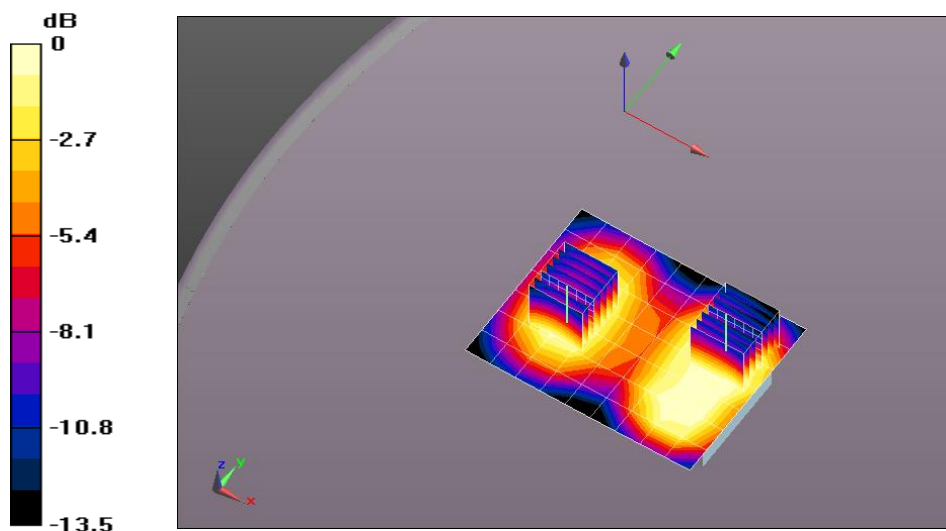
(E)GPRS/GPRS Mid 2TS Front/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.6 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 0.710 W/kg

SAR(1 g) = 0.489 mW/g; SAR(10 g) = 0.320 mW/g

Maximum value of SAR (measured) = 0.526 mW/g



0 dB = 0.526mW/g

Plot 39: GPRS 2 Uplink timeslots 1880MHz Back

Date/Time: 2/20/2011 11:03:18 AM, Date/Time: 2/20/2011 11:12:09 AM, Date/Time: 2/20/2011 11:24:53 AM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 1880 MHz

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.54 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.62, 4.62, 4.62);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASY52, V52.2 Build 0;

(E)GPRS/GPRS Mid 2TS Back/Area Scan (10x8x1): Measurement grid: $dx=14\text{mm}$, $dy=14\text{mm}$

Maximum value of SAR (measured) = 0.645 mW/g

(E)GPRS/GPRS Mid 2TS Back/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 = -0.013 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.619 mW/g; SAR(10 g) = 0.371 mW/g

Maximum value of SAR (measured) = 0.671 mW/g

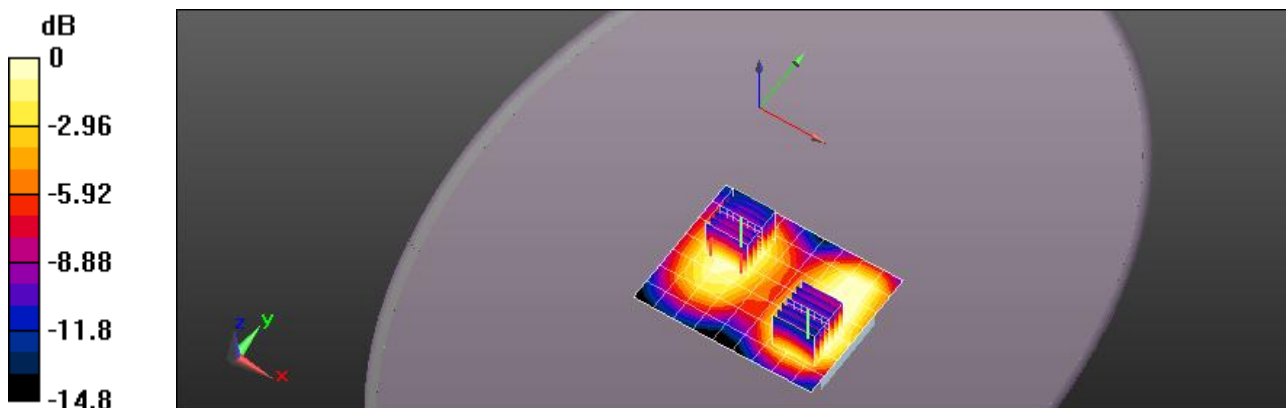
(E)GPRS/GPRS Mid 2TS Back/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.5 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.749 W/kg

SAR(1 g) = 0.504 mW/g; SAR(10 g) = 0.326 mW/g

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



0 dB = 0.543mW/g

Plot 40: GPRS 2 Uplink timeslots 1880MHz Bottom Edge

Date/Time: 2/6/2011 12:34:46 PM, Date/Time: 2/6/2011 12:46:24 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.62, 4.62, 4.62);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASY52, V52.2 Build 0;

Flat-Section (E)GPRS 1900 MSL - 2_6_11/Bottom 10mm/Area Scan (11x11x1): Measurement grid:

dx=10mm, dy=10mm

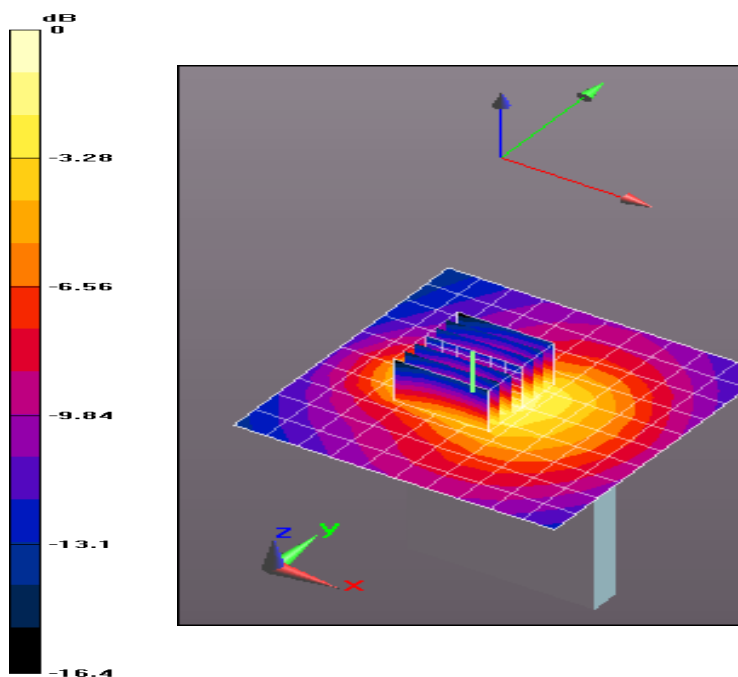
Maximum value of SAR (measured) = 0.397 mW/g

Flat-Section (E)GPRS 1900 MSL - 2_6_11/Bottom 10mm/Zoom Scan (7x7x7)/Cube 0: Measurement

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

Reference Value = 15.1 V/m; Power Drift = -0.038 dB

Maximum value of SAR (measured) = 0.396 mW/g



0 dB = 0.396mW/g

Plot 41: GPRS 2 Uplink timeslots 1880MHz Left Edge

Date/Time: 2/20/2011 4:53:44 PM, Date/Time: 2/20/2011 4:58:03 PM, Date/Time: 2/20/2011 5:10:47 PM

DUT: iPhone 4 Side; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.62, 4.62, 4.62);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASY52, V52.2 Build 0;

(E)GPRS Side positions/GPRS Mid 2TS Left/Area Scan (11x4x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.410 mW/g

(E)GPRS Side positions/GPRS Mid 2TS Left/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.6 V/m; Power Drift = -0.057 dB

Peak SAR (extrapolated) = 0.788 W/kg

SAR(1 g) = 0.441 mW/g; SAR(10 g) = 0.234 mW/g

Maximum value of SAR (measured) = 0.499 mW/g

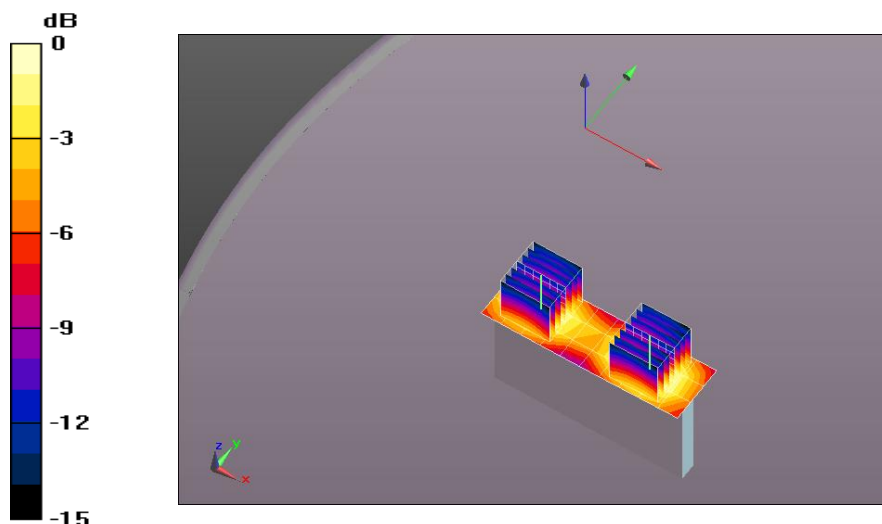
(E)GPRS Side positions/GPRS Mid 2TS Left/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.6 V/m; Power Drift = -0.057 dB

Peak SAR (extrapolated) = 0.501 W/kg

SAR(1 g) = 0.309 mW/g; SAR(10 g) = 0.180 mW/g

Maximum value of SAR (measured) = 0.343 mW/g



0 dB = 0.343mW/g

Plot 42: GPRS 2 Uplink timeslots 1880MHz Right Edge

Date/Time: 2/20/2011 5:24:21 PM, Date/Time: 2/20/2011 5:28:41 PM, Date/Time: 2/20/2011 5:41:23 PM

DUT: iPhone 4 Side; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.62, 4.62, 4.62);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASY52, V52.2 Build 0;

(E)GPRS Side positions/GPRS Mid TS Right/Area Scan (11x4x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.171 mW/g

(E)GPRS Side positions/GPRS Mid TS Right/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.43 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 0.300 W/kg

SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.099 mW/g

Maximum value of SAR (measured) = 0.197 mW/g

(E)GPRS Side positions/GPRS Mid TS Right/Zoom Scan (7x7x7)/Cube 1: Measurement grid:

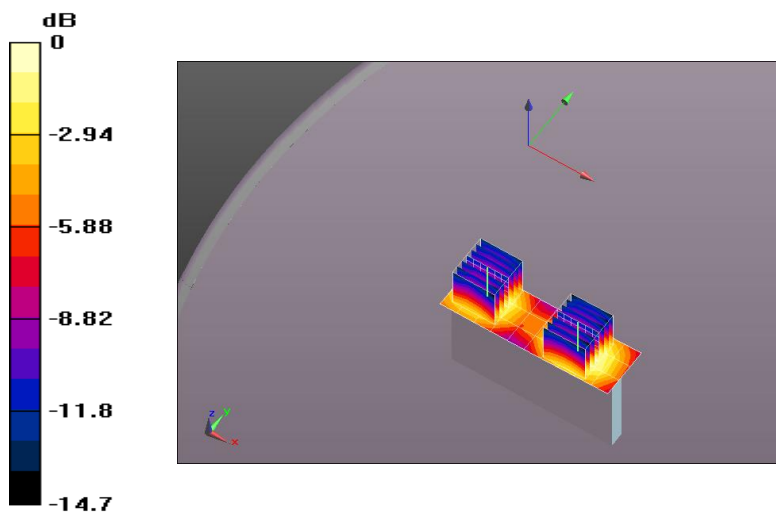
dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.43 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 0.228 W/kg

SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.084 mW/g

Maximum value of SAR (measured) = 0.156 mW/g



0 dB = 0.156mW/g

Plot 43: GPRS 1 Uplink timeslots 1880MHz Front

Date/Time: 2/20/2011 12:16:47 PM, Date/Time: 2/20/2011 12:25:04 PM, Date/Time: 2/20/2011 12:37:47 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.62, 4.62, 4.62);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASY52, V52.2 Build 0;

(E)GPRS/GPRS Mid 1TS Front/Area Scan (10x8x1): Measurement grid: dx=14mm, dy=14mm

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

(E)GPRS/GPRS Mid 1TS Front/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.95 V/m; Power Drift = 0.085 dB

Peak SAR (extrapolated) = 0.712 W/kg

SAR(1 g) = 0.437 mW/g; SAR(10 g) = 0.264 mW/g

Maximum value of SAR (measured) = 0.472 mW/g

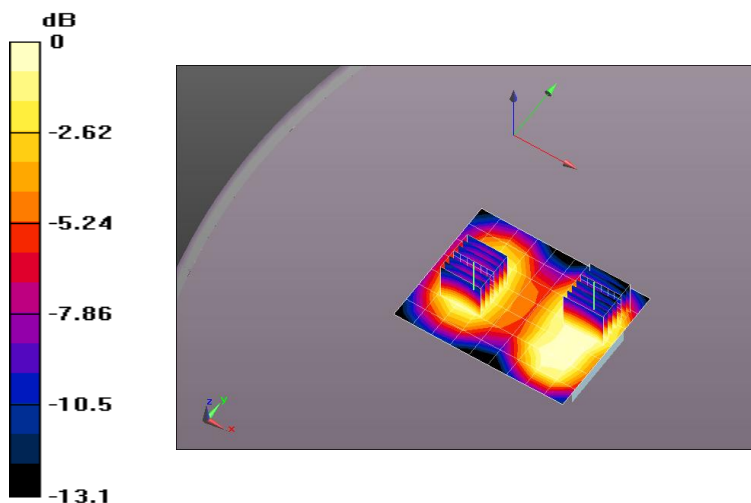
(E)GPRS/GPRS Mid 1TS Front/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.95 V/m; Power Drift = 0.085 dB

Peak SAR (extrapolated) = 0.516 W/kg

SAR(1 g) = 0.359 mW/g; SAR(10 g) = 0.238 mW/g

Maximum value of SAR (measured) = 0.384 mW/g



0 dB = 0.384mW/g

Plot 44: GPRS 1 Uplink timeslots 1880MHz Back

Date/Time: 2/20/2011 12:51:49 PM, Date/Time: 2/20/2011 12:59:39 PM, Date/Time: 2/20/2011 1:12:23 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.62, 4.62, 4.62);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASY52, V52.2 Build 0;

(E)GPRS/GPRS Mid 1TS Back/Area Scan (10x8x1): Measurement grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 0.499 mW/g

(E)GPRS/GPRS Mid 1TS Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.44 V/m; Power Drift = 0.040 dB

Peak SAR (extrapolated) = 0.728 W/kg

SAR(1 g) = 0.453 mW/g; SAR(10 g) = 0.275 mW/g

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

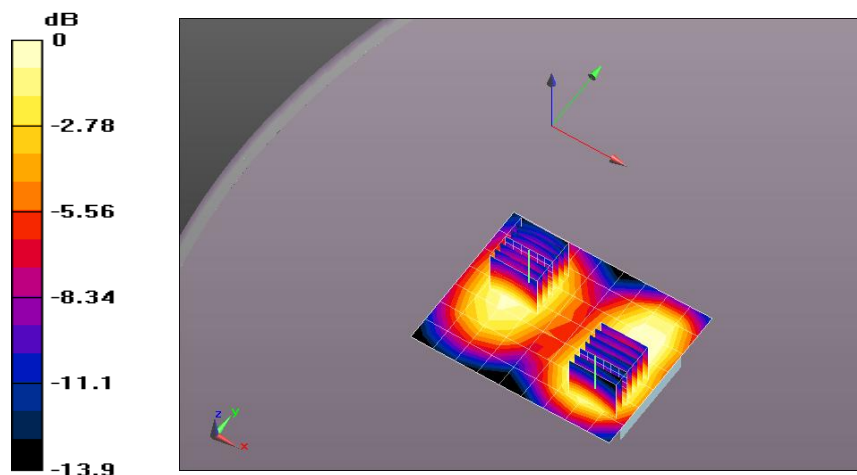
(E)GPRS/GPRS Mid 1TS Back/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.44 V/m; Power Drift = 0.040 dB

Peak SAR (extrapolated) = 0.538 W/kg

SAR(1 g) = 0.370 mW/g; SAR(10 g) = 0.242 mW/g

Maximum value of SAR (measured) = 0.398 mW/g



0 dB = 0.398mW/g

Plot 45: GPRS 1 Uplink timeslots 1880MHz Bottom Edge

Date/Time: 2/6/2011 7:17:26 PM, Date/Time: 2/6/2011 7:29:06 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.62, 4.62, 4.62);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASY52, V52.2 Build 0;

Flat-Section (E)GPRS 1900 MSL - 2_6_11/Bottom 10mm GPRS Mid Ch (1 UL Slot)/Area Scan**(11x11x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.296 mW/g

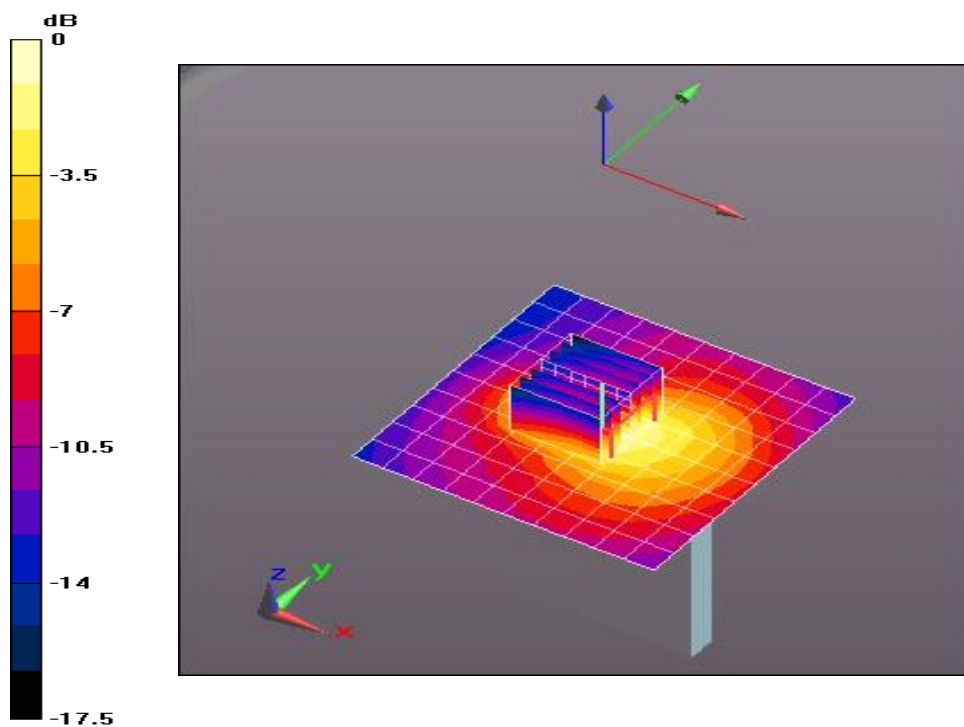
Flat-Section (E)GPRS 1900 MSL - 2_6_11/Bottom 10mm GPRS Mid Ch (1 UL Slot)/Zoom Scan**(7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.9 V/m; Power Drift = 0.041 dB

Peak SAR (extrapolated) = 0.451 W/kg

SAR(1 g) = 0.267 mW/g; SAR(10 g) = 0.147 mW/g

Maximum value of SAR (measured) = 0.302 mW/g



0 dB = 0.302mW/g

Plot 46: GPRS 1 Uplink timeslots 1880MHz Left Edge

Date/Time: 2/20/2011 4:23:17 PM, Date/Time: 2/20/2011 4:27:36 PM, Date/Time: 2/20/2011 4:40:18 PM

DUT: iPhone 4 Side; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.62, 4.62, 4.62);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASY52, V52.2 Build 0;

(E)GPRS Side positions/GPRS Mid 1TS Left/Area Scan (11x4x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.300 mW/g

(E)GPRS Side positions/GPRS Mid 1TS Left/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.14 V/m; Power Drift = -0.083 dB

Peak SAR (extrapolated) = 0.558 W/kg

SAR(1 g) = 0.322 mW/g; SAR(10 g) = 0.174 mW/g

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

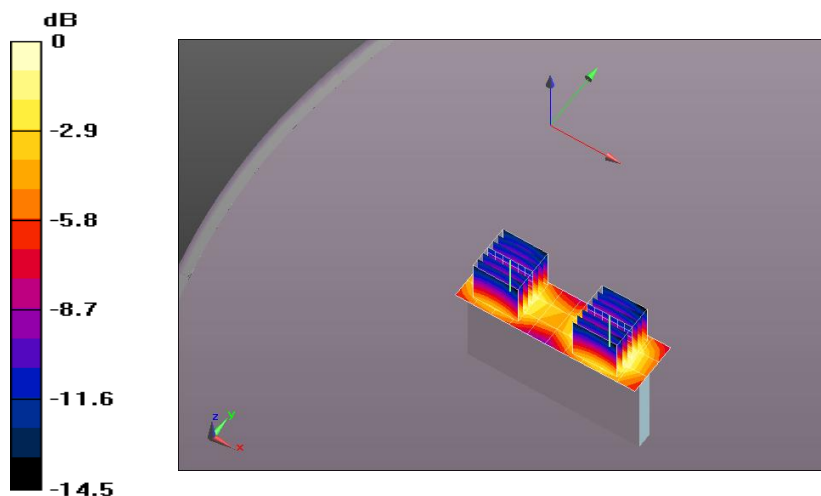
(E)GPRS Side positions/GPRS Mid 1TS Left/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.14 V/m; Power Drift = -0.083 dB

Peak SAR (extrapolated) = 0.364 W/kg

SAR(1 g) = 0.229 mW/g; SAR(10 g) = 0.135 mW/g

Maximum value of SAR (measured) = 0.253 mW/g



0 dB = 0.253mW/g

Plot 47: GPRS 1 Uplink timeslots 1880MHz Right Edge

Date/Time: 2/20/2011 9:50:43 AM, Date/Time: 2/20/2011 10:23:28 AM, Date/Time: 2/20/2011 10:37:06 AM

DUT: iPhone 4 Side; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.62, 4.62, 4.62);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASYS2, V52.2 Build 0;

(E)GPRS Side positions/GPRS Mid 1TS Right/Area Scan (11x4x1):

Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.126 mW/g

(E)GPRS Side positions/GPRS Mid 1TS Right/Zoom Scan (7x7x7)/Cube 0:

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

Reference Value = 4.88 V/m; Power Drift = -0.089 dB

Peak SAR (extrapolated) = 0.213 W/kg

SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.070 mW/g

Maximum value of SAR (measured) = 0.141 mW/g

(E)GPRS Side positions/GPRS Mid 1TS Right/Zoom Scan (7x7x7)/Cube 1:

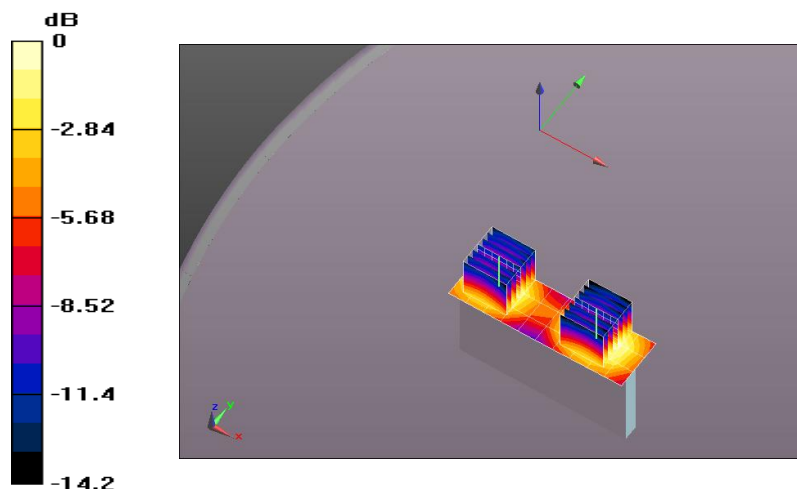
Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.88 V/m; Power Drift = -0.089 dB

Peak SAR (extrapolated) = 0.160 W/kg

SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.060 mW/g

Maximum value of SAR (measured) = 0.112 mW/g



0 dB = 0.112mW/g

Plot 48: EGPRS 2 Uplink timeslots 1880MHz Back

Date/Time: 2/7/2011 9:51:50 PM, Date/Time: 2/7/2011 10:12:34 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.62, 4.62, 4.62);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASY52, V52.2 Build 0;

Flat-Section (E)GPRS 1900 MSL - 2_7_11/Back 10mm EGPRS 2TS Mid Ch/Area Scan (8x8x1):

Measurement grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 0.715 mW/g

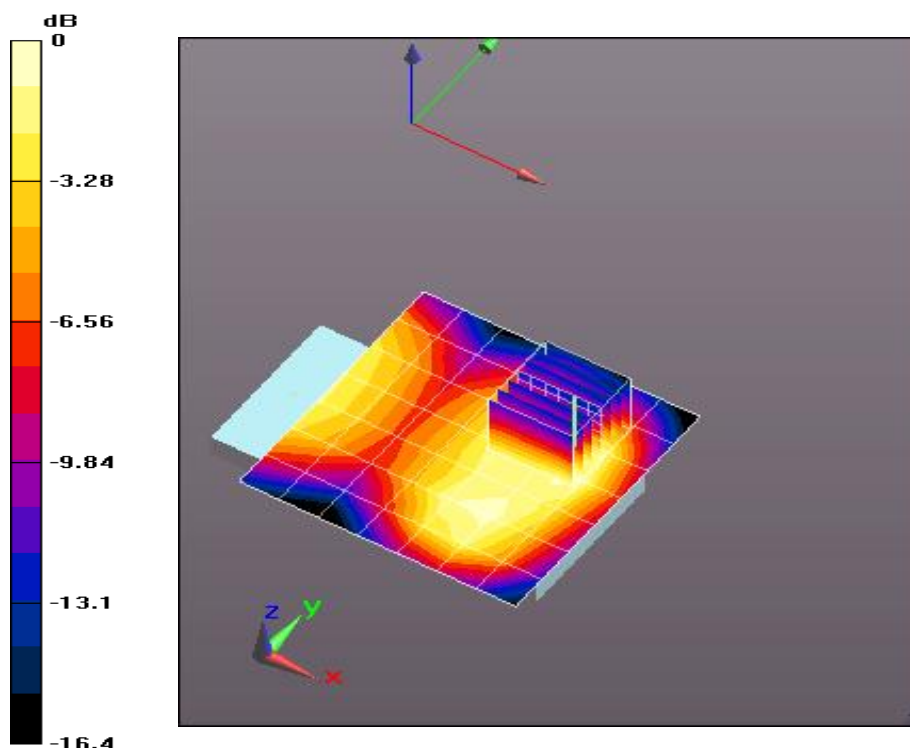
Flat-Section (E)GPRS 1900 MSL - 2_7_11/Back 10mm EGPRS 2TS Mid Ch/Zoom Scan**(7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.78 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.658 mW/g; SAR(10 g) = 0.393 mW/g

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



0 dB = 0.719mW/g

Plot 49: EGPRS 1 Uplink timeslots 1880MHz Back

Date/Time: 2/7/2011 9:31:51 PM, Date/Time: 2/7/2011 9:38:04 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: Generic GSM; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.62, 4.62, 4.62);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASY52, V52.2 Build 0;

Flat-Section (E)GPRS 1900 MSL - 2_7_11/Back 10mm EGPRS 1TS Mid Ch/Area Scan (8x8x1):

Measurement grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 0.507 mW/g

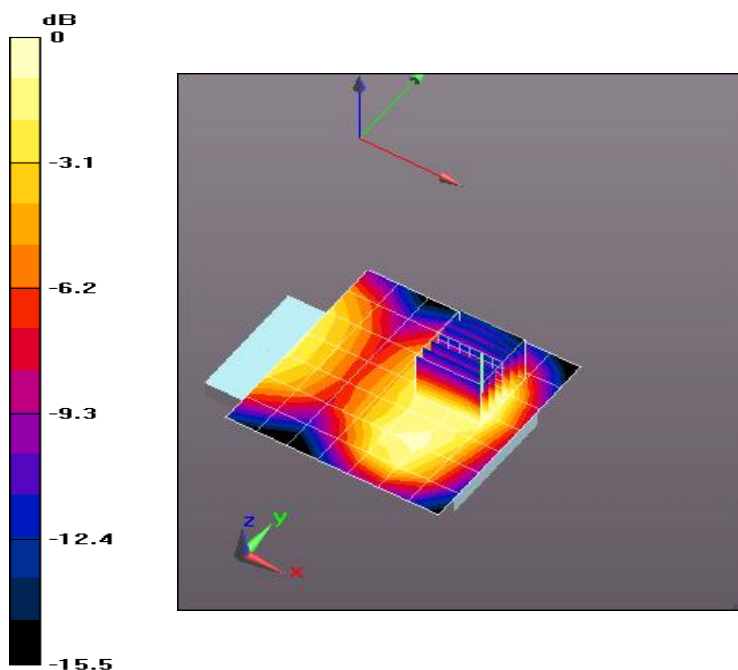
Flat-Section (E)GPRS 1900 MSL - 2_7_11/Back 10mm EGPRS 1TS Mid Ch/Zoom Scan**(7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.4 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 0.786 W/kg

SAR(1 g) = 0.477 mW/g; SAR(10 g) = 0.289 mW/g

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



0 dB = 0.520mW/g

Plot 50: WCDMA FDDII 1880MHz Front

Date/Time: 2/20/2011 2:22:44 PM, Date/Time: 2/20/2011 2:30:42 PM, Date/Time: 2/20/2011 2:43:22 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: CDMA2000 (1xRTT, RC1); Frequency: 1879.95 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.62, 4.62, 4.62);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASY52, V52.2 Build 0;

FDDII/FDDII Mid Front/Area Scan (10x8x1): Measurement grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 0.724 mW/g

FDDII/FDDII Mid Front/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.2 V/m; Power Drift = 0.039 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.674 mW/g; SAR(10 g) = 0.408 mW/g

Maximum value of SAR (measured) = 0.729 mW/g

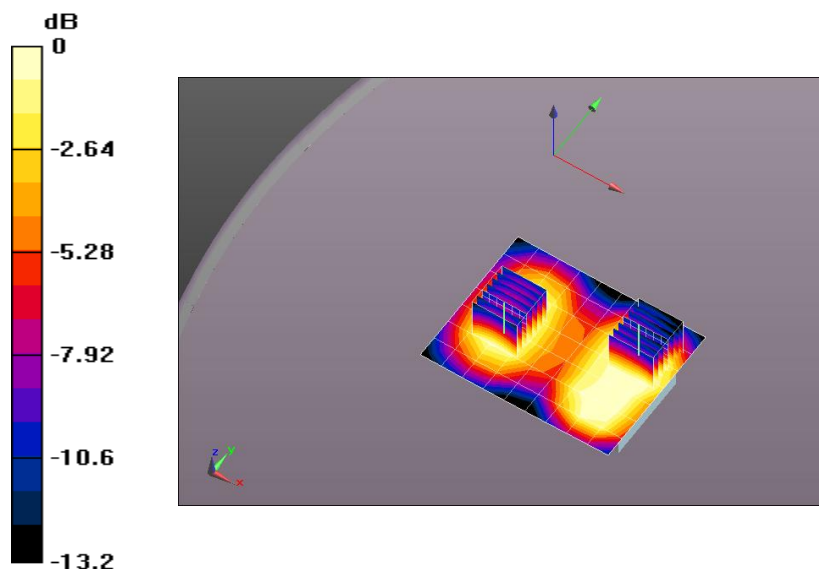
FDDII/FDDII Mid Front/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.2 V/m; Power Drift = 0.039 dB

Peak SAR (extrapolated) = 0.776 W/kg

SAR(1 g) = 0.542 mW/g; SAR(10 g) = 0.359 mW/g

Maximum value of SAR (measured) = 0.581 mW/g



0 dB = 0.581mW/g

Plot 51: WCDMA FDDII 1880MHz Back

Date/Time: 2/20/2011 1:39:06 PM, Date/Time: 2/20/2011 1:46:57 PM, Date/Time: 2/20/2011 1:59:40 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: CDMA2000 (1xRTT, RC1); Frequency: 1879.95 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.62, 4.62, 4.62);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASY52, V52.2 Build 0;

FDDII/FDDII Mid Back/Area Scan (10x8x1): Measurement grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 0.720 mW/g

FDDII/FDDII Mid Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.2 V/m; Power Drift = 0.112 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.679 mW/g; SAR(10 g) = 0.413 mW/g

Maximum value of SAR (measured) = 0.735 mW/g

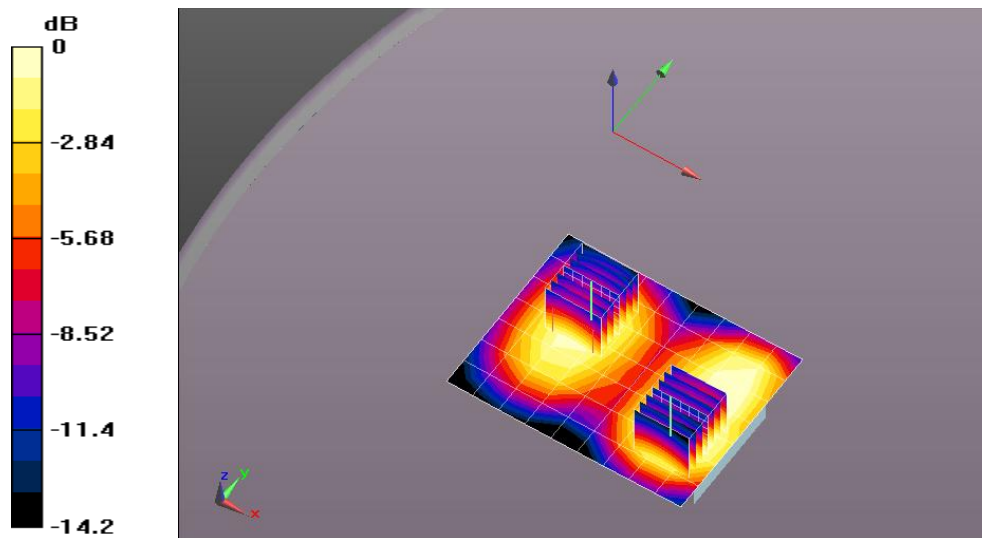
FDDII/FDDII Mid Back/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.2 V/m; Power Drift = 0.112 dB

Peak SAR (extrapolated) = 0.819 W/kg

SAR(1 g) = 0.564 mW/g; SAR(10 g) = 0.368 mW/g

Maximum value of SAR (measured) = 0.608 mW/g



0 dB = 0.608mW/g

Plot 52: WCDMA FDDII 1880MHz Bottom Edge

Date/Time: 2/6/2011 11:59:42 AM, Date/Time: 2/6/2011 12:04:57 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

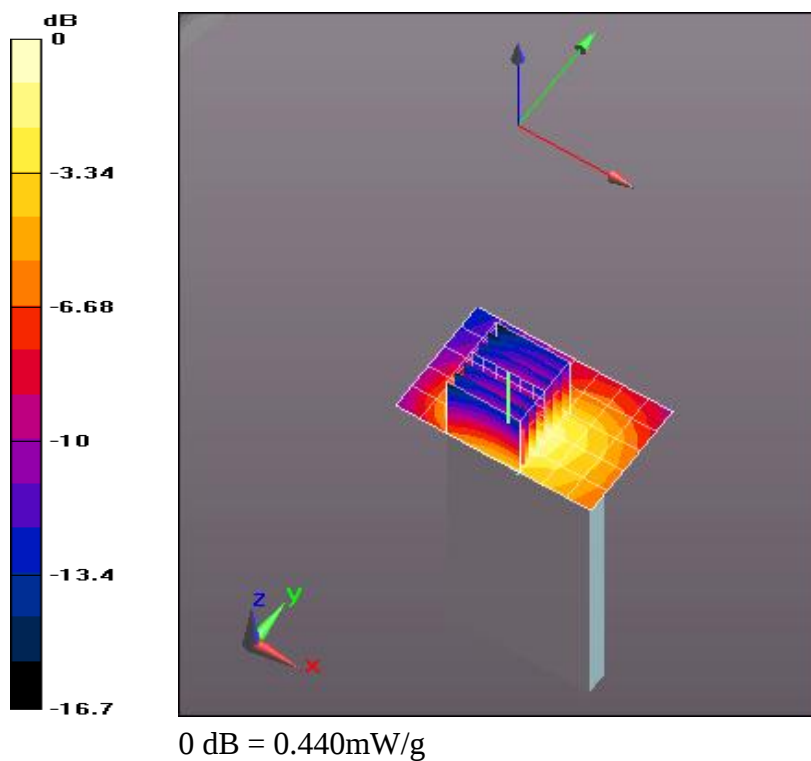
Communication System: CDMA2000 (1xRTT, RC1); Frequency: 1879.95 MHz
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.62, 4.62, 4.62);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASY52, V52.2 Build 0;

Flat-Section WCDMA FDDII MSL -2_6_11/Bottom 10mm Mid Ch/Area Scan (9x6x1): Measurement
grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.386 mW/g

Flat-Section WCDMA FDDII MSL -2_6_11/Bottom 10mm Mid Ch/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17 V/m; Power Drift = -0.050 dB
Peak SAR (extrapolated) = 0.647 W/kg
SAR(1 g) = 0.391 mW/g; SAR(10 g) = 0.215 mW/g
Maximum value of SAR (measured) = 0.440 mW/g



Plot 53: WCDMA FDDII 1880MHz Left Edge

Date/Time: 2/20/2011 3:52:00 PM, Date/Time: 2/20/2011 3:56:19 PM, Date/Time: 2/20/2011 4:09:01 PM

DUT: iPhone 4 Side; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: CDMA2000 (1xRTT, RC1); Frequency: 1879.95 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.62, 4.62, 4.62);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASY52, V52.2 Build 0;

FDDII Side positions/FDDII Mid Left/Area Scan (11x4x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.433 mW/g**FDDII Side positions/FDDII Mid Left/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.1 V/m; Power Drift = 0.018 dB

Peak SAR (extrapolated) = 0.803 W/kg

SAR(1 g) = 0.466 mW/g; SAR(10 g) = 0.251 mW/g

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

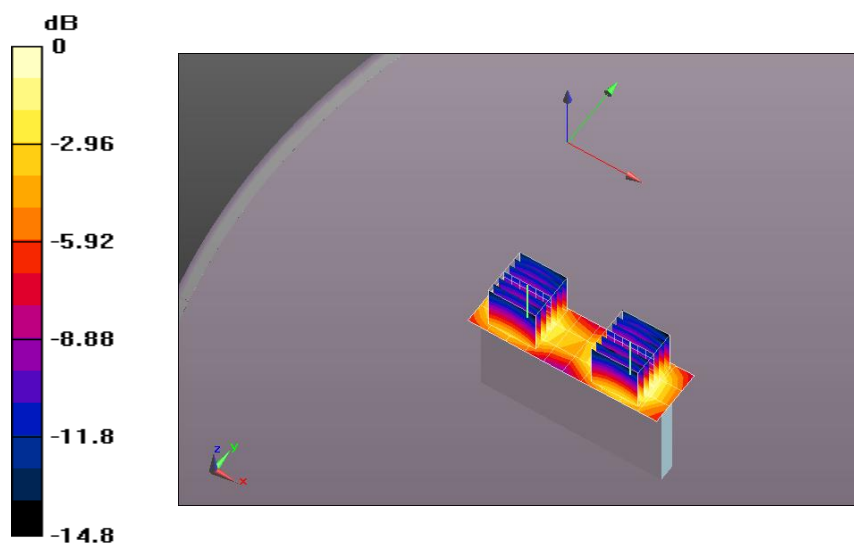
FDDII Side positions/FDDII Mid Left/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.1 V/m; Power Drift = 0.018 dB

Peak SAR (extrapolated) = 0.529 W/kg

SAR(1 g) = 0.333 mW/g; SAR(10 g) = 0.196 mW/g

Maximum value of SAR (measured) = 0.368 mW/g



0 dB = 0.368mW/g

Plot 54: WCDMA FDDII 1880MHz Right Edge

Date/Time: 2/20/2011 3:00:50 PM, Date/Time: 2/20/2011 3:05:09 PM, Date/Time: 2/20/2011 3:17:51 PM

DUT: iPhone 4 Side; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: CDMA2000 (1xRTT, RC1); Frequency: 1879.95 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.62, 4.62, 4.62);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASY52, V52.2 Build 0;

FDDII Side positions/FDDII Mid Right/Area Scan (11x4x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.190 mW/g**FDDII Side positions/FDDII Mid Right/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.55 V/m; Power Drift = 0.085 dB

Peak SAR (extrapolated) = 0.329 W/kg

SAR(1 g) = 0.195 mW/g; SAR(10 g) = 0.109 mW/g

Maximum value of SAR (measured) = 0.217 mW/g

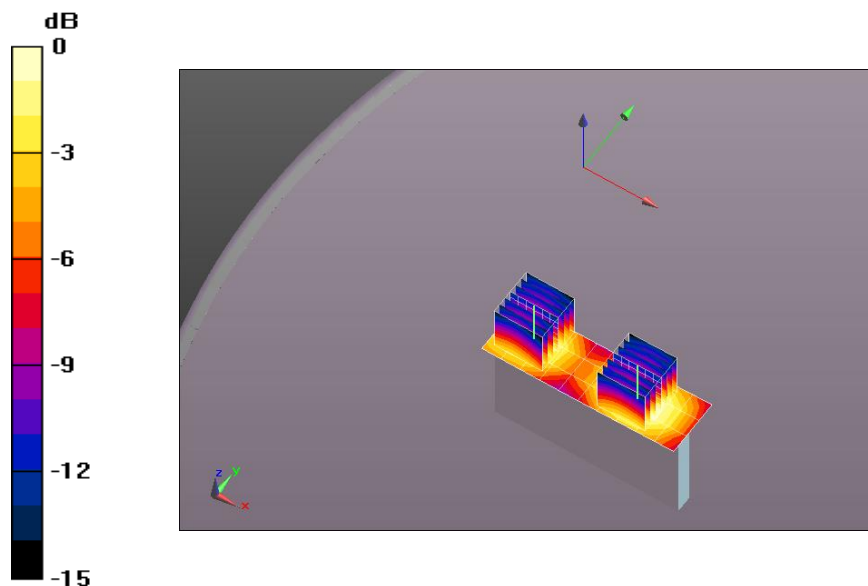
FDDII Side positions/FDDII Mid Right/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.55 V/m; Power Drift = 0.085 dB

Peak SAR (extrapolated) = 0.238 W/kg

SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.089 mW/g

Maximum value of SAR (measured) = 0.166 mW/g



Plot 55: 802.11b 2437MHz Front

Date/Time: 2/8/2011 12:15:07 PM, Date/Time: 2/8/2011 12:23:39 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps); Frequency: 2436 MHz
Medium parameters used (interpolated): $f = 2436$ MHz; $\sigma = 1.97$ mho/m; $\epsilon_r = 50.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.24, 4.24, 4.24);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASY52, V52.2 Build 0;

Flat-Section WiFi 2450MSL 2-8-11/Front 10mm/Area Scan (11x8x1):

Measurement grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 0.119 mW/g

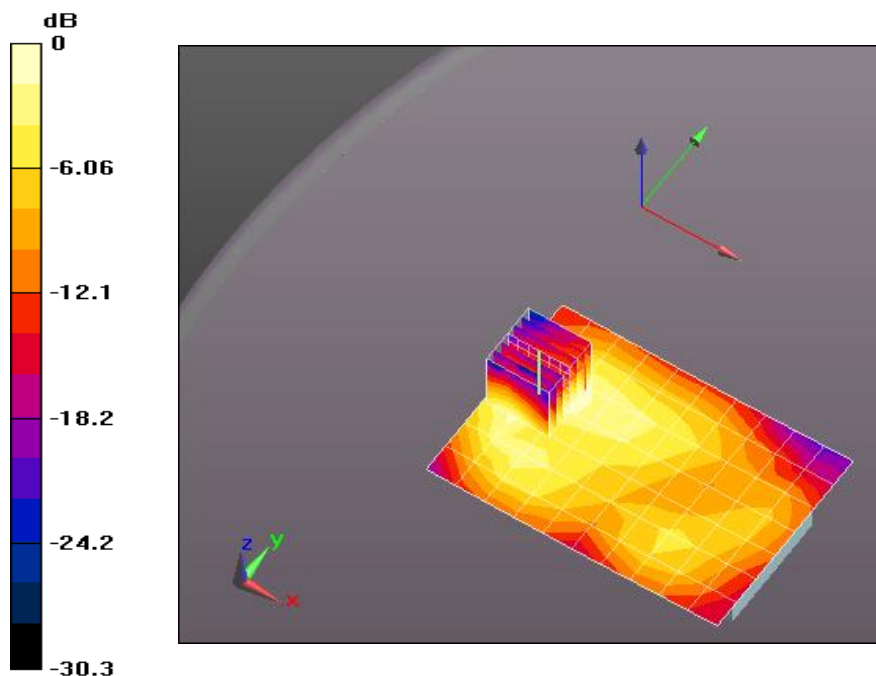
Flat-Section WiFi 2450MSL 2-8-11/Front 10mm/Zoom Scan (7x7x7)/Cube**0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.28 V/m; Power Drift = -0.186 dB

Peak SAR (extrapolated) = 0.234 W/kg

SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.060 mW/g

Maximum value of SAR (measured) = 0.129 mW/g



0 dB = 0.129mW/g

Plot 56: 802.11b 2437MHz Back

Date/Time: 2/8/2011 12:43:45 PM, Date/Time: 2/8/2011 12:50:46 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps); Frequency: 2436 MHz
Medium parameters used (interpolated): $f = 2436$ MHz; $\sigma = 1.97$ mho/m; $\epsilon_r = 50.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.24, 4.24, 4.24);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASY52, V52.2 Build 0;

Flat-Section WiFi 2450MSL 2-8-11/Back 10mm/Area Scan (9x8x1):

Measurement grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 0.137 mW/g

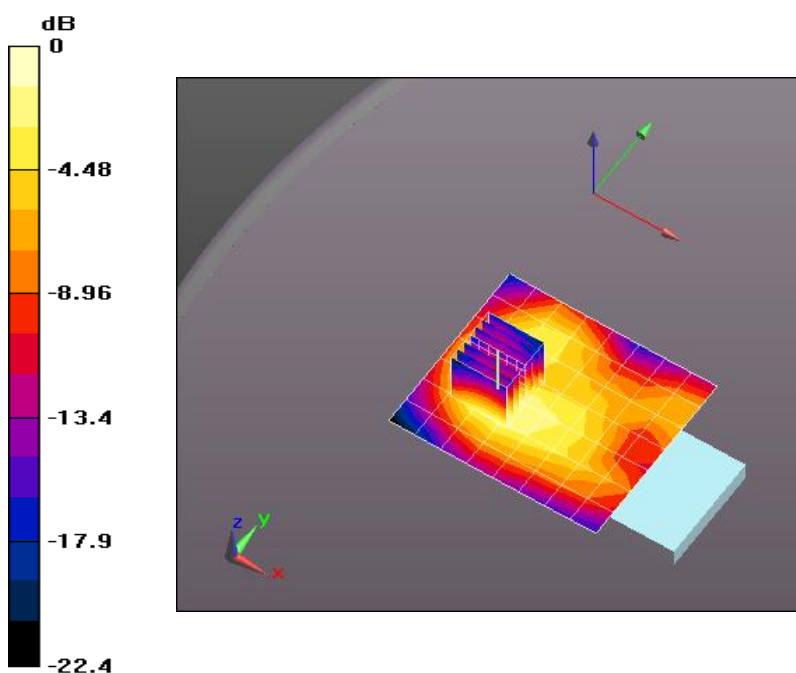
Flat-Section WiFi 2450MSL 2-8-11/Back 10mm/Zoom Scan (7x7x7)/Cube**0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.05 V/m; Power Drift = 0.078 dB

Peak SAR (extrapolated) = 0.249 W/kg

SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.068 mW/g

Maximum value of SAR (measured) = 0.141 mW/g



Plot 57: 802.11b 2437MHz Top Edge

Date/Time: 2/8/2011 1:11:33 PM, Date/Time: 2/8/2011 1:16:50 PM

DUT: iPhone4; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps); Frequency: 2436 MHz
Medium parameters used (interpolated): $f = 2436$ MHz; $\sigma = 1.97$ mho/m; $\epsilon_r = 50.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.24, 4.24, 4.24);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASY52, V52.2 Build 0;

Flat-Section WiFi 2450MSL 2-8-11/Top 10mm/Area Scan (9x6x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.307 mW/g

Flat-Section WiFi 2450MSL 2-8-11/Top 10mm/Zoom Scan (7x7x7)/Cube 0:

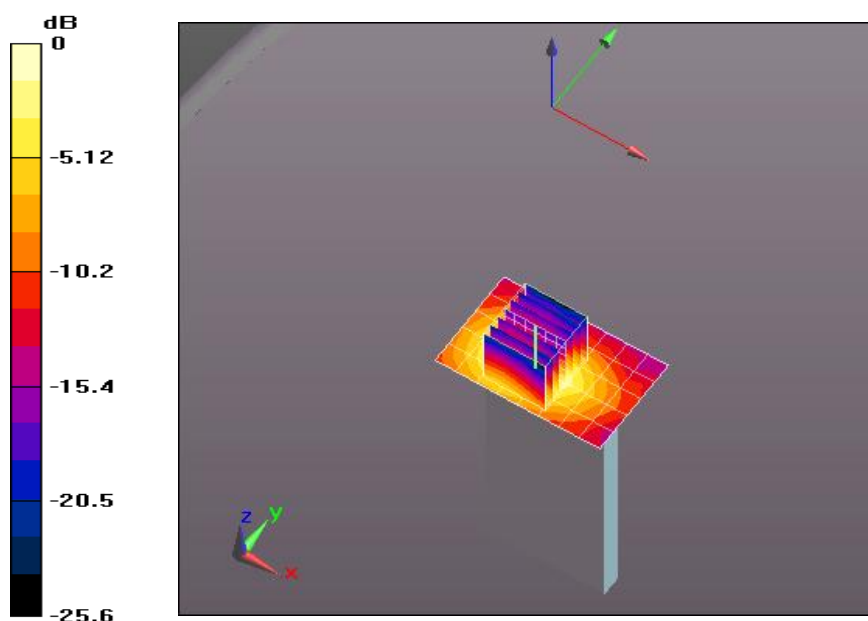
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.2 V/m; Power Drift = -0.065 dB

Peak SAR (extrapolated) = 0.578 W/kg

SAR(1 g) = 0.282 mW/g; SAR(10 g) = 0.134 mW/g

Maximum value of SAR (measured) = 0.320 mW/g



0 dB = 0.320mW/g

Plot 58: 802.11b 2437MHz Left Edge

Date/Time: 2/8/2011 2:39:43 PM, Date/Time: 2/8/2011 2:45:33 PM

DUT: iPhone 4 Side; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps); Frequency: 2436 MHz
Medium parameters used (interpolated): $f = 2436$ MHz; $\sigma = 1.97$ mho/m; $\epsilon_r = 50.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.24, 4.24, 4.24);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASY52, V52.2 Build 0;

Flat-Section WiFi 2450 MSL Sides 2-8-11/Left Edge 10mm/Area Scan**(12x5x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.090 mW/g

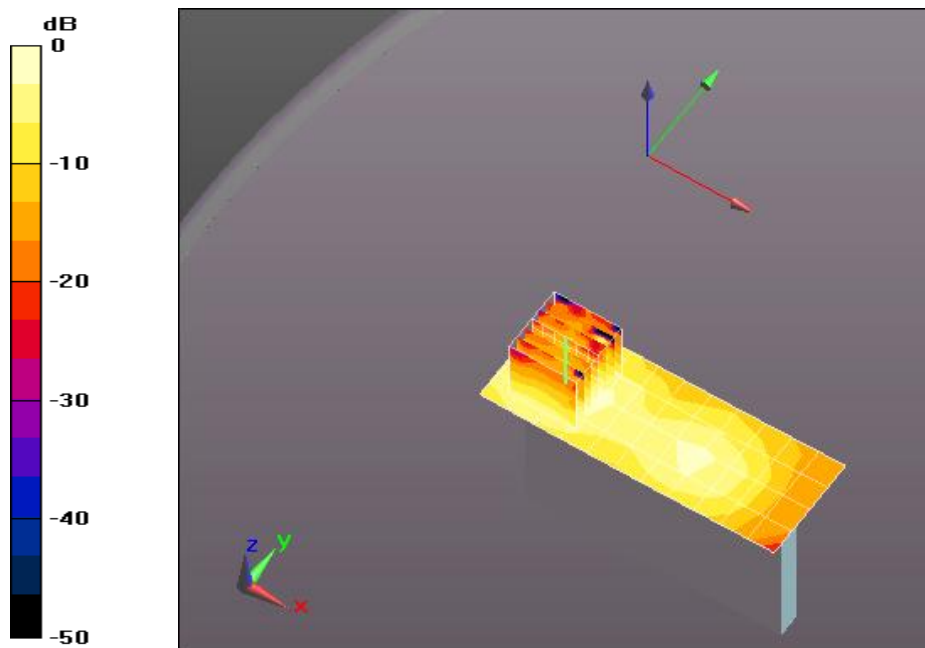
Flat-Section WiFi 2450 MSL Sides 2-8-11/Left Edge 10mm/Zoom Scan**(7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.94 V/m; Power Drift = 0.133 dB

Peak SAR (extrapolated) = 0.163 W/kg

SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.041 mW/g

Maximum value of SAR (measured) = 0.092 mW/g



0 dB = 0.092mW/g

Plot 59: 802.11b 2437MHz Right Edge

Date/Time: 2/21/2011 5:42:52 PM, Date/Time: 2/21/2011 5:49:11 PM, Date/Time: 2/21/2011 6:03:20 PM

DUT: iPhone 4 Side; Type: Mobile Phone; Serial: 85030XV4A4S

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps); Frequency: 2436 MHz
 Medium parameters used (interpolated): $f = 2436$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.24, 4.24, 4.24);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASY52, V52.2 Build 0;

Configuration/Right Edge 10mm/Area Scan (13x5x1): Measurement grid:

dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.063 mW/g

Configuration/Right Edge 10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.26 V/m; Power Drift = 0.147 dB

Peak SAR (extrapolated) = 0.122 W/kg

SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.033 mW/g

Maximum value of SAR (measured) = 0.069 mW/g

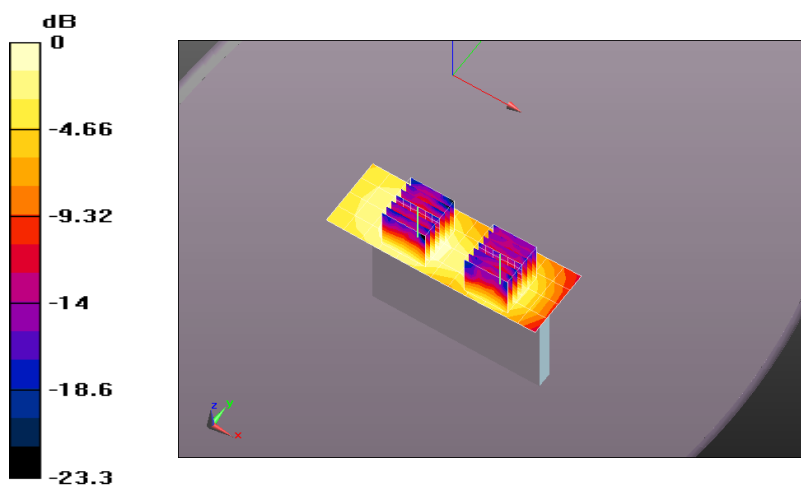
Configuration/Right Edge 10mm/Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.26 V/m; Power Drift = 0.044 dB

Peak SAR (extrapolated) = 0.090 W/kg

SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.051 mW/g



0 dB = 0.051mW/g

Plot 60: 835MHz Dipole Verification - 2011/02/19

Date/Time: 2/19/2011 10:53:17 AM, Date/Time: 2/19/2011 10:59:45 AM

DUT: Dipole 835 MHz D835V2; Type: D835V2; Serial: D835V2 - SN:xxx

Communication System: CW; Frequency: 835 MHz

Medium parameters used: $f = 835$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0;

System Performance Check at Frequencies below 1 GHz/d=15mm,**Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (7x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 11.5 mW/g

System Performance Check at Frequencies below 1 GHz/d=15mm,**Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0:**

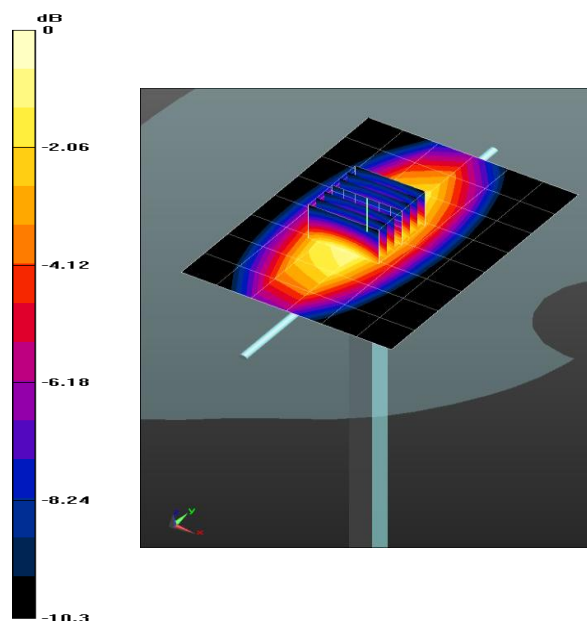
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 114.5 V/m; Power Drift = 0.046 dB

Peak SAR (extrapolated) = 15.7 W/kg

SAR(1 g) = 10.5 mW/g; SAR(10 g) = 6.83 mW/g

Maximum value of SAR (measured) = 12.2 mW/g



0 dB = 12.2mW/g

Plot 61: 835MHz Dipole Verification - 2011/02/05

Date/Time: 2/5/2011 10:52:04 AM

DUT: Dipole 835 MHz D835V2; Type: D835V2; Serial: D835V2 - SN:4D113

Communication System: CW; Communication System Band: D835 (835.0 MHz); Frequency: 835 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 835$ MHz; $\sigma = 0.991$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05); Calibrated: 10/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685) (Deployment Build)

System Performance Check 850 MSL - 2_5_11/System Performance Check/Zoom Scan (7x7x7)/Cube

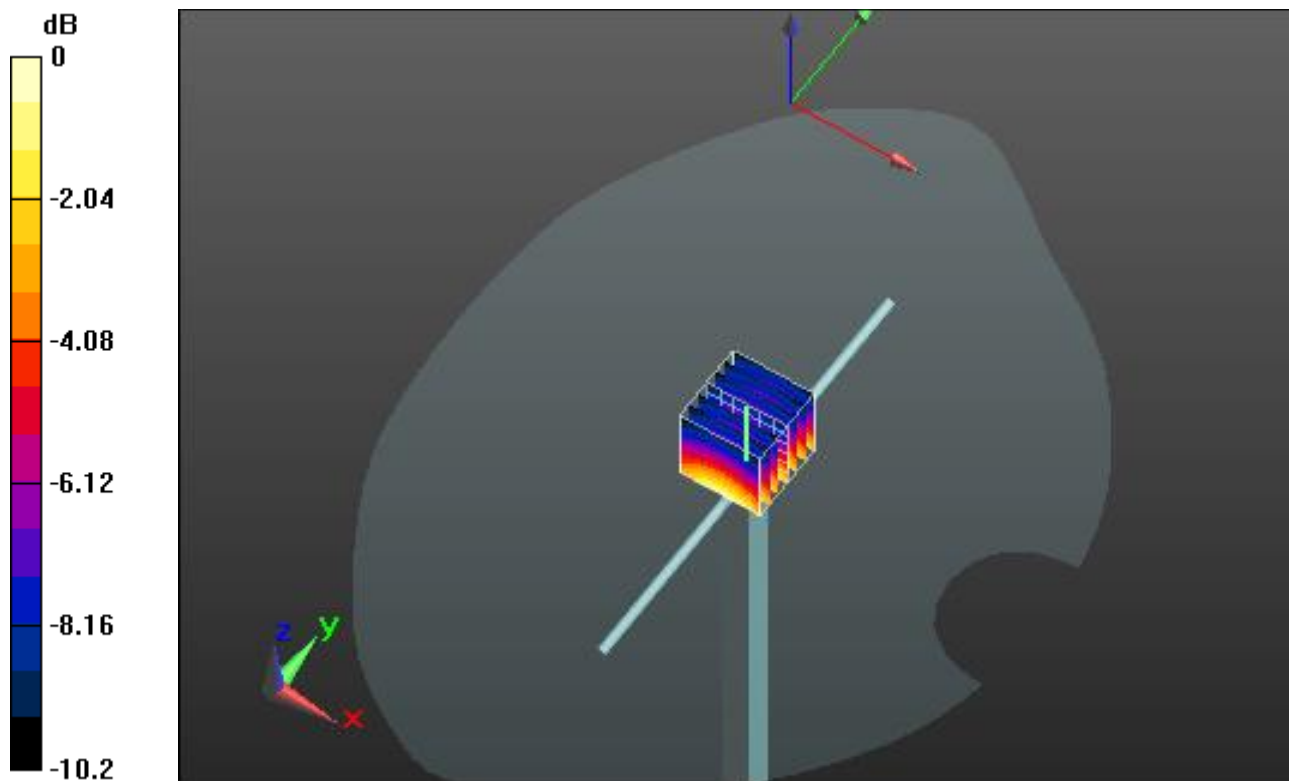
0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 108.6 V/m; Power Drift = -0.000352 dB

Peak SAR (extrapolated) = 15.5 W/kg

SAR(1 g) = 10.5 mW/g; SAR(10 g) = 6.87 mW/g

Maximum value of SAR (measured) = 11.3 mW/g



0 dB = 11.3mW/g

Plot 62: 835MHz Dipole Verification - 2011/02/07

Date/Time: 2/7/2011 10:08:58 AM, Date/Time: 2/7/2011 10:20:39 AM

DUT: Dipole 835 MHz D835V2; Type: D835V2; Serial: D835V2 - SN:xxx

Communication System: CW; Frequency: 835 MHz

Medium parameters used: $f = 835$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0;

System Performance Check 850 MSL - 2_7_11/System Performance Check/Area Scan (11x11x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 10.4 mW/g

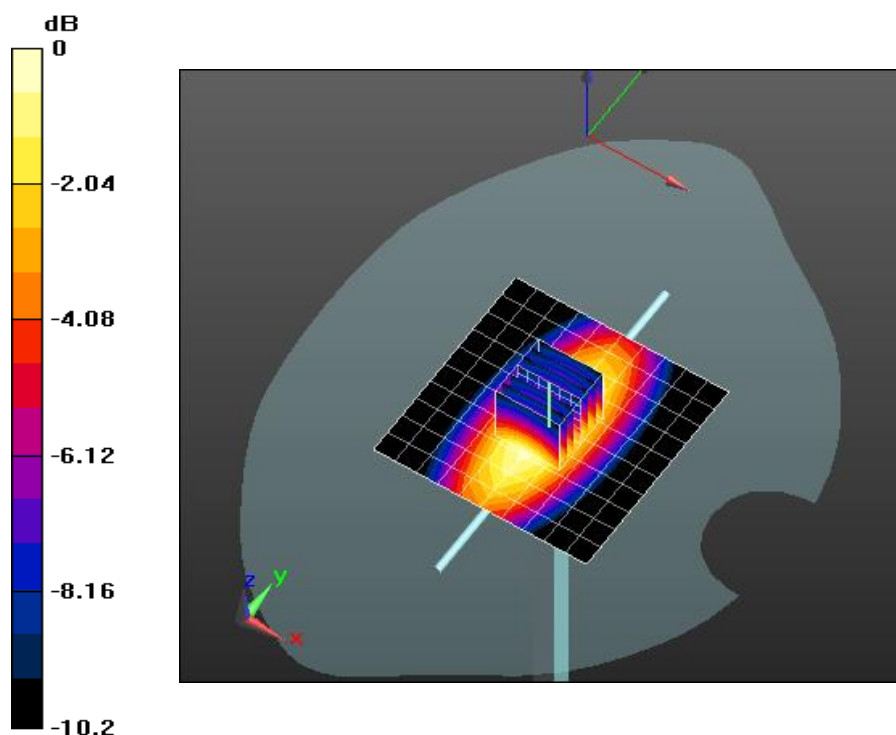
System Performance Check 850 MSL - 2_7_11/System Performance Check/Zoom Scan (7x7x7)/Cube**0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 104.1 V/m; Power Drift = -0.069 dB

Peak SAR (extrapolated) = 14.4 W/kg

SAR(1 g) = 9.69 mW/g; SAR(10 g) = 6.33 mW/g

Maximum value of SAR (measured) = 10.5 mW/g



0 dB = 10.5mW/g

Plot 63: 835MHz Dipole Verification - 2011/02/08

Date/Time: 2/8/2011 3:24:44 PM, Date/Time: 2/8/2011 3:30:56 PM

DUT: Dipole 835 MHz D835V2; Type: D835V2; Serial: D835V2 - SN:xxx

Communication System: CW; Frequency: 835 MHz

Medium parameters used: $f = 835$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.05, 6.05, 6.05);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- Measurement SW: DASY52, V52.2 Build 0;

System Performance Check 850 MSL - 2_8_11/System Performance Check/Area Scan (8x8x1):

Measurement grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 10.2 mW/g

System Performance Check 850 MSL - 2_8_11/System Performance Check/Zoom Scan (7x7x7)/Cube

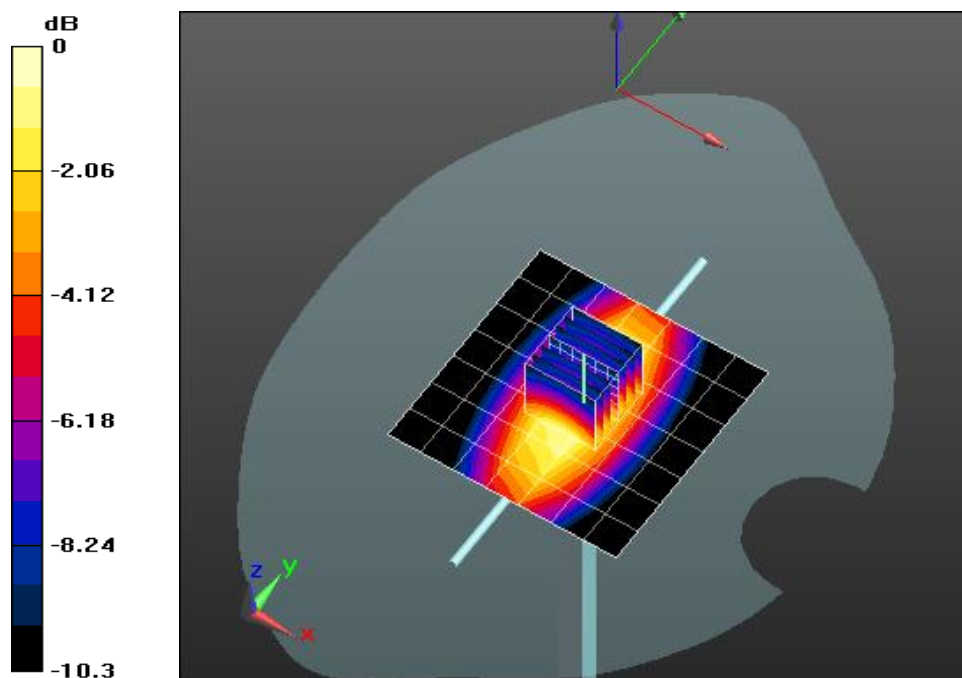
0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 106.6 V/m; Power Drift = 0.058 dB

Peak SAR (extrapolated) = 15.5 W/kg

SAR(1 g) = 10.5 mW/g; SAR(10 g) = 6.85 mW/g

Maximum value of SAR (measured) = 11.4 mW/g



0 dB = 11.4mW/g

Plot 64: 1900MHz Dipole Verification - 2011/02/19

Date/Time: 2/19/2011 6:54:04 PM, Date/Time: 2/19/2011 6:59:08 PM

DUT: Dipole 1900 MHz D1900V2; Type: D1900V2; Serial: D1900V2 - SN:xxx

Communication System: CW; Frequency: 1900 MHz

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

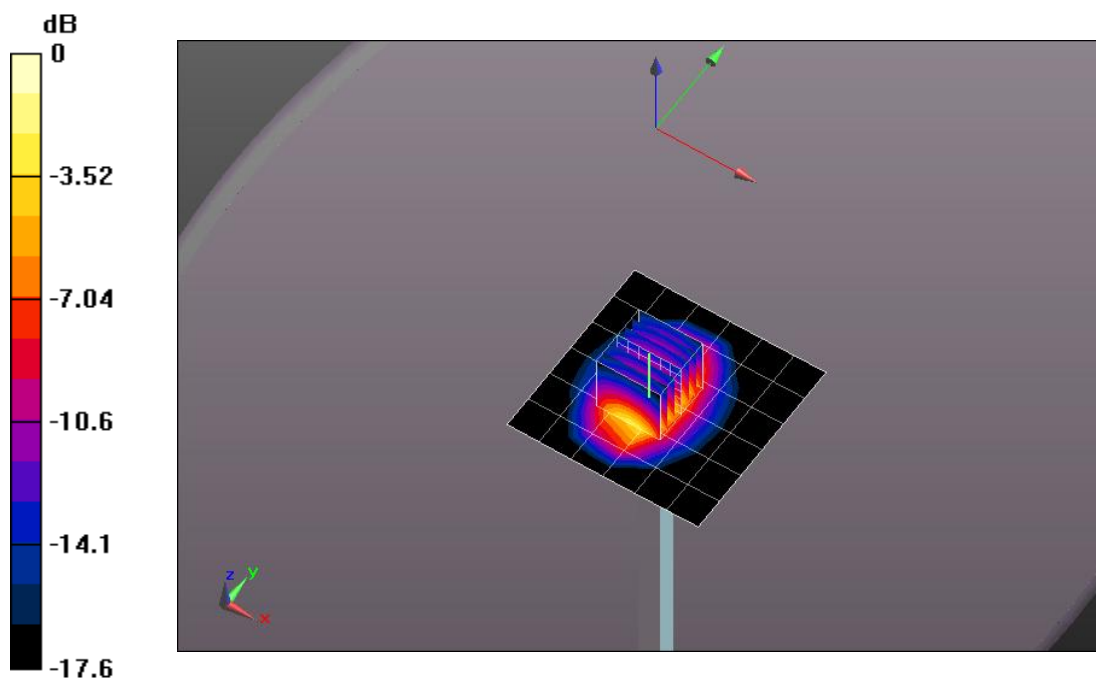
Measurement Standard: DASYS (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.62, 4.62, 4.62);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASY52, V52.2 Build 0;

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 41 mW/g

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 192.0 V/m; Power Drift = 0.064 dB
Peak SAR (extrapolated) = 73.7 W/kg
SAR(1 g) = 42 mW/g; SAR(10 g) = 21.9 mW/g
Maximum value of SAR (measured) = 53.3 mW/g



0 dB = 53.3mW/g

Plot 65: 1900MHz Dipole Verification - 2011/02/06

Date/Time: 2/6/2011 10:16:43 AM

DUT: Dipole 1900 MHz D1900V2; Type: D1900V2; Serial: D1900V2 - SN:xxx

Communication System: CW; Frequency: 1900 MHz

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.58$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³, Medium parameters used: $f = 1900$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.62, 4.62, 4.62); Calibrated: 10/13/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASY52, V52.2 Build 0; Postprocessing SW: SEMCAD X, V14.2 Build 2Version 14.2.2 (1685) (Deployment Build)

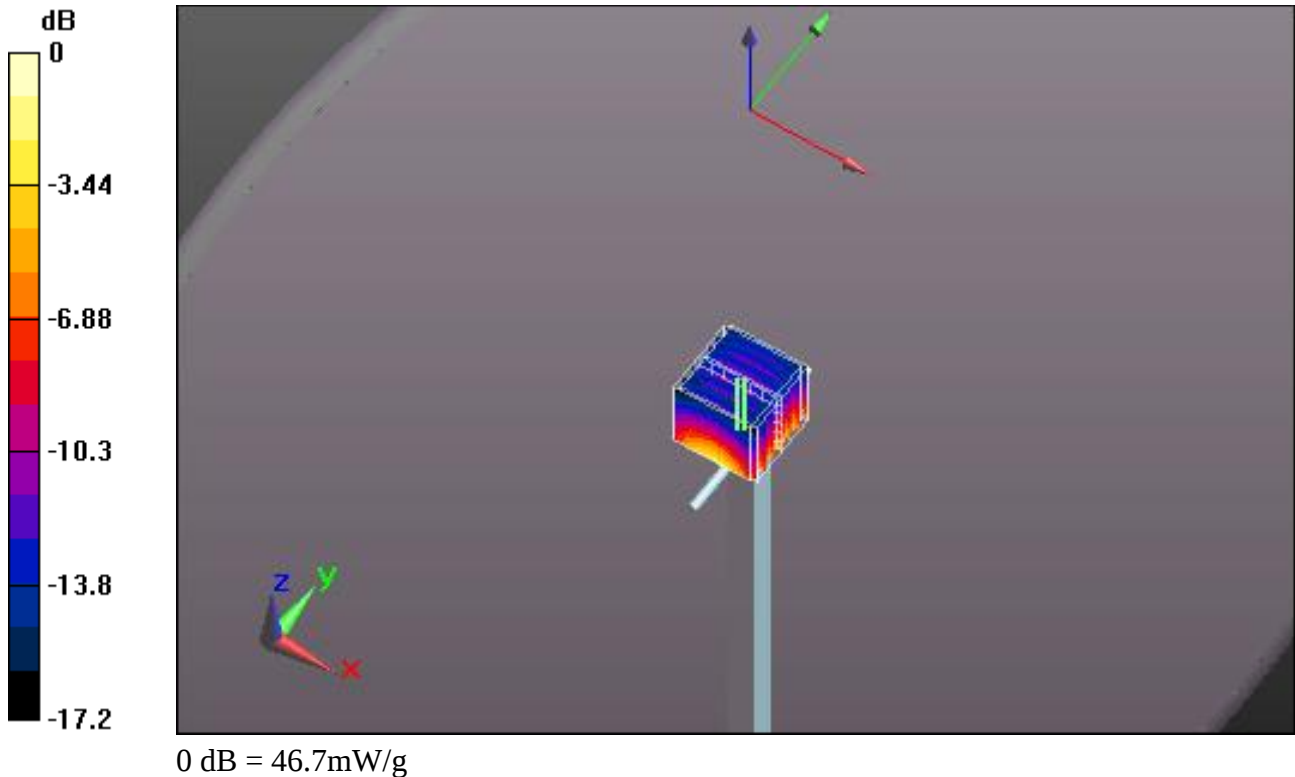
System Performance Check 1900 MSL - 2_6_11/System Performance Check/Zoom Scan(7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 176.7 V/m; Power Drift = -0.00687 dB

Peak SAR (extrapolated) = 72.4 W/kg

SAR(1 g) = 41.1 mW/g; SAR(10 g) = 21.4 mW/g

Maximum value of SAR (measured) = 46.7 mW/g



Plot 66: 1900MHz Dipole Verification - 2011/02/07

Date/Time: 2/7/2011 9:00:23 PM, Date/Time: 2/7/2011 9:12:05 PM

DUT: Dipole 1900 MHz D1900V2; Type: D1900V2; Serial: D1900V2 - SN:xxx

Communication System: CW; Frequency: 1900 MHz

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.62, 4.62, 4.62);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASY52, V52.2 Build 0;

System Performance Check 1900 MSL - 2_7_11/System Performance Check/Area Scan (11x11x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 48.1 mW/g

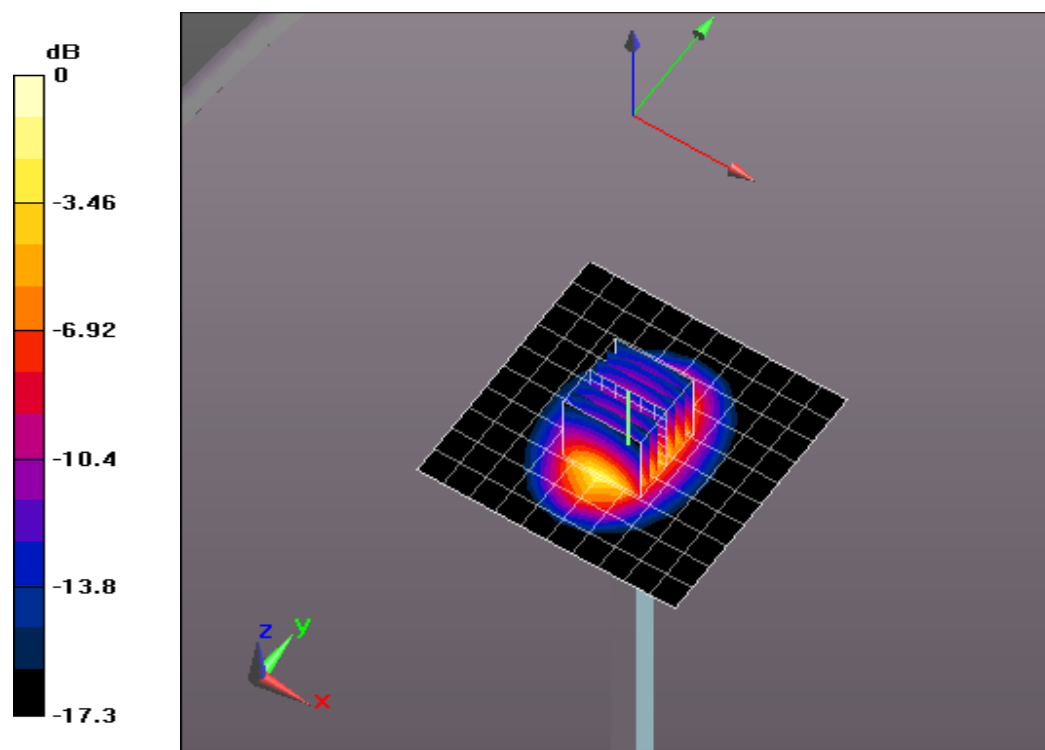
System Performance Check 1900 MSL - 2_7_11/System Performance Check/Zoom Scan**(7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 183.1 V/m; Power Drift = 0.00516 dB

Peak SAR (extrapolated) = 76.2 W/kg

SAR(1 g) = 42.8 mW/g; SAR(10 g) = 22.1 mW/g

Maximum value of SAR (measured) = 48.7 mW/g



0 dB = 48.7mW/g

Plot 67: 2450MHz Dipole Verification - 2011/02/08

Date/Time: 2/8/2011 11:26:04 AM, Date/Time: 2/8/2011 11:33:54 AM

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

Communication System: CW; Frequency: 2450 MHz

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 50.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.24, 4.24, 4.24);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASY52, V52.2 Build 0;

System Performance Check 2450 MSL - 2_8-11/System Performance Check/Area Scan (9x9x1):Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 62.4 mW/g

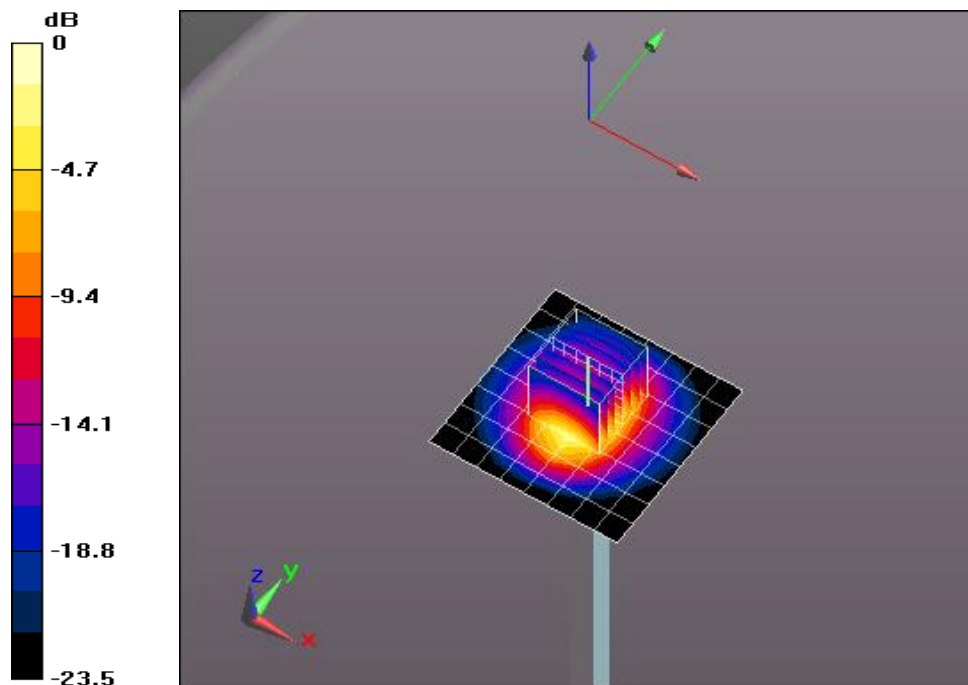
System Performance Check 2450 MSL - 2_8-11/System Performance Check/Zoom Scan**(7x7x7)/Cube 0:** Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 180.1 V/m; Power Drift = -0.000498 dB

Peak SAR (extrapolated) = 120.2 W/kg

SAR(1 g) = 55.6 mW/g; SAR(10 g) = 25 mW/g

Maximum value of SAR (measured) = 63 mW/g



0 dB = 63mW/g

Plot 68: 2450MHz Dipole Verification – 2011/02/21

Date/Time: 2/21/2011 4:48:57 PM, Date/Time: 2/21/2011 4:54:03 PM

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

Communication System: CW; Frequency: 2450 MHz

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.97$ mho/m; $\epsilon_r = 50.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

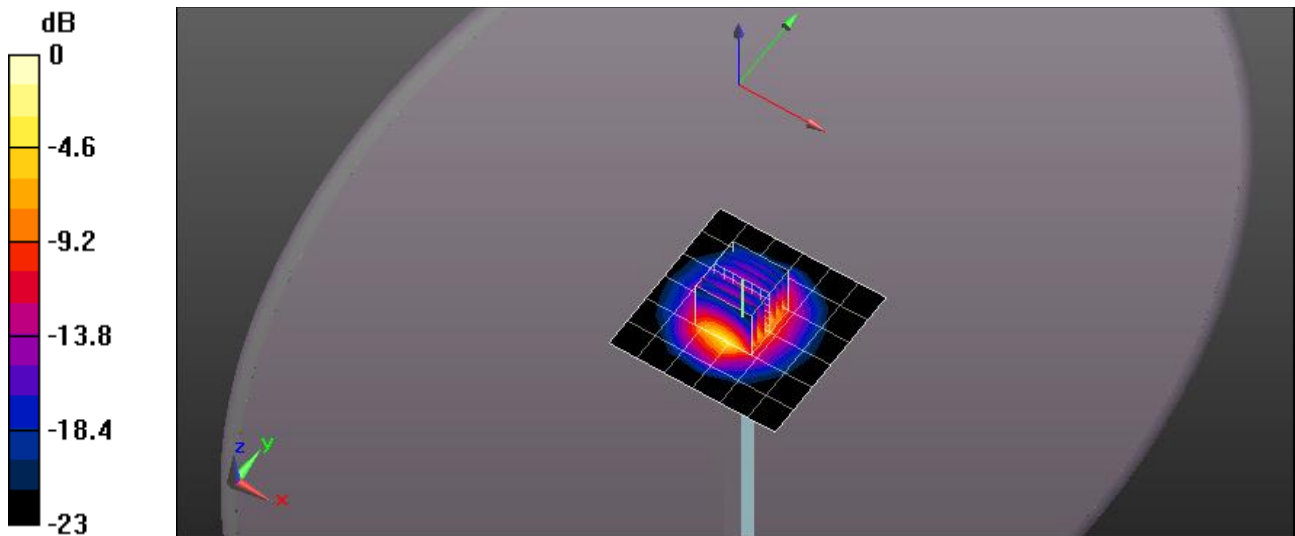
Measurement Standard: DASYS (IEEE STD 1528-2003)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.24, 4.24, 4.24);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASY52, V52.2 Build 0;

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=xx mW, dist=3.0mm (ES-Probe)/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 61.2 mW/g

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=xx mW, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 192.3 V/m; Power Drift = 0.037 dB
Peak SAR (extrapolated) = 111.0 W/kg
SAR(1 g) = 51.9 mW/g; SAR(10 g) = 23.3 mW/g
Maximum value of SAR (measured) = 69 mW/g



0 dB = 69mW/g