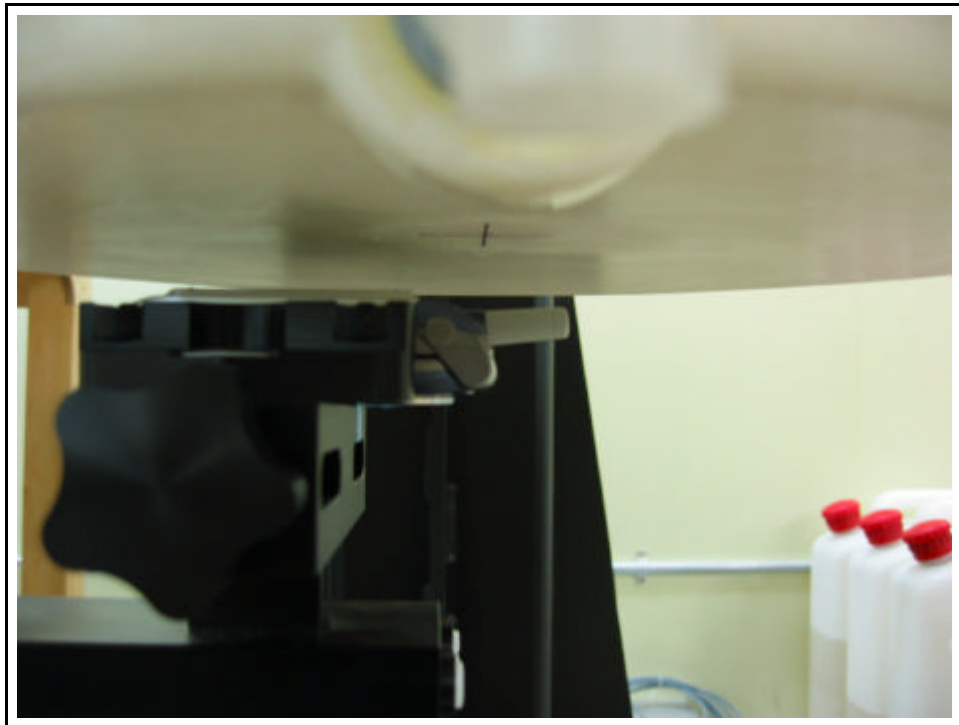
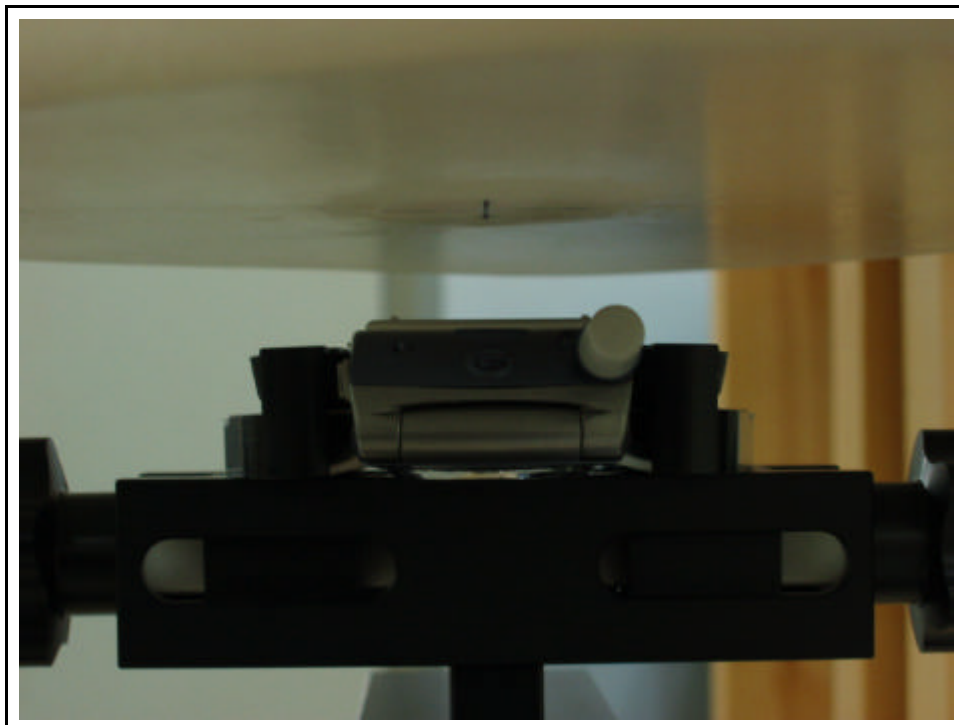


Flat – Body Side Configuration



Flat – Body Front Configuration



APPENDIX C : SAR Test Data

Test Laboratory: LG Electronics Inc.

File Name: BD6070_AMPS_383CH_Left Touched.da4

DUT: BD6070 Type & Serial Number:

Program: AMPS; 383CH_Left Touched

Communication System: BD6070; Frequency: 836.49 MHz; Duty Cycle: 1:1

Medium: Head 835 MHz ($s = 0.88$ mho/m, $e = 40.68$, $r = 1000$ kg/m³)

Phantom section: LeftSection

DASY4 Configuration:

- Probe: ET3DV6 - SN1729; ConvF(6.4, 6.4, 6.4); Calibrated: 2002-11-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn534; Calibrated: 2002-09-24
- Phantom: SAM 4.0 - TP:1151
- Software: DASY4, V4.0 Build 51

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

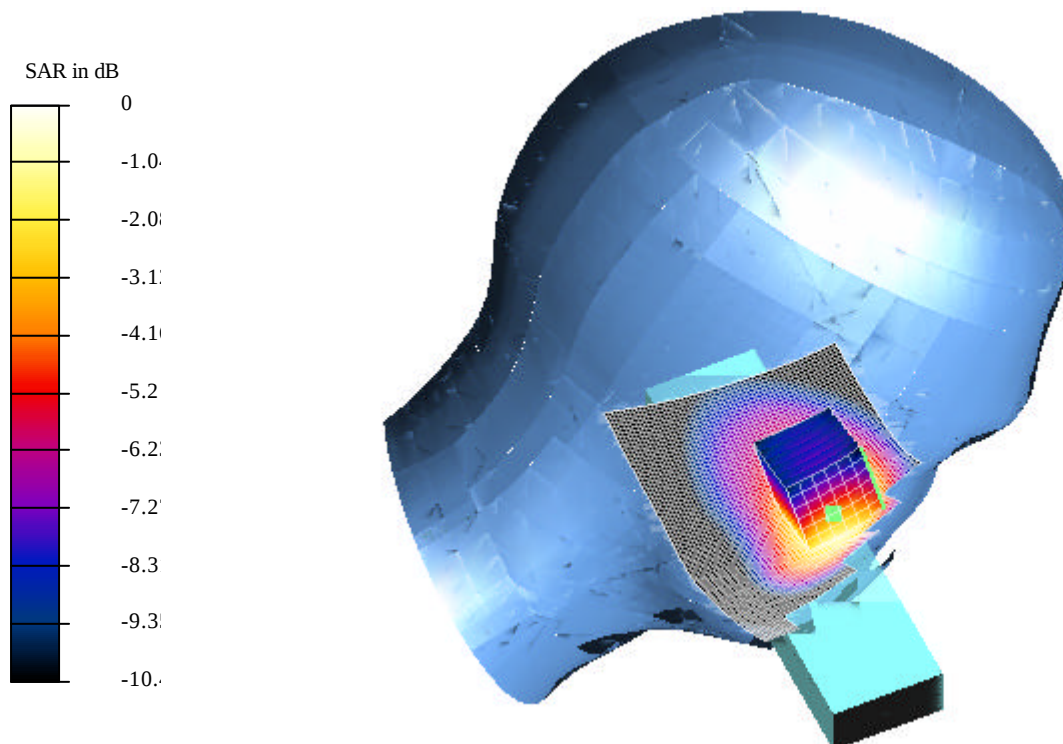
Reference Value = 10.7 V/m

Peak SAR = 1.46 mW/g

SAR(1 g) = 0.998 mW/g; SAR(10 g) = 0.642 mW/g

Power Drift = 0.03 dB

Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm



Test Laboratory: LG Electronics Inc.

File Name: BD6070_AMPS_383CH_Right Touched.da4

DUT: BD6070 Type & Serial Number:

Program: AMPS; 383CH_Right Touched

Communication System: BD6070; Frequency: 836.49 MHz; Duty Cycle: 1:1

Medium: Head 835 MHz ($s = 0.88$ mho/m, $e = 40.68$, $r = 1000$ kg/m³)

Phantom section: RightSection

DASY4 Configuration:

- Probe: ET3DV6 - SN1729; ConvF(6.4, 6.4, 6.4); Calibrated: 2002-11-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn534; Calibrated: 2002-09-24
- Phantom: SAM 4.0 - TP:1151
- Software: DASY4, V4.0 Build 51

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

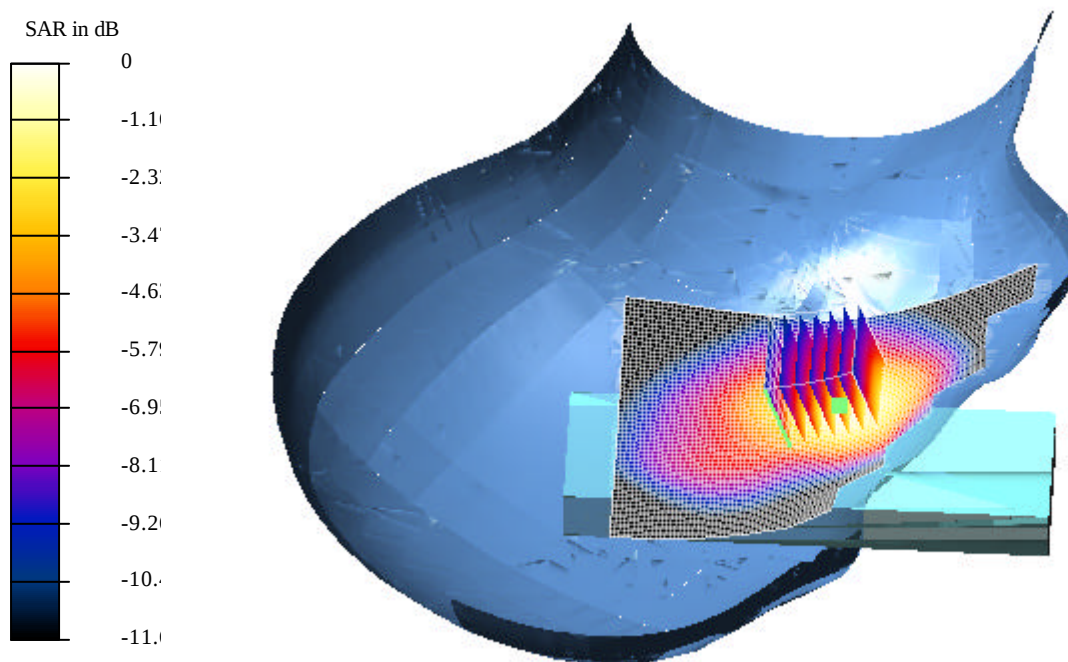
Reference Value = 10.3 V/m

Peak SAR = 1.7 mW/g

SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.664 mW/g

Power Drift = 0.01 dB

Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm



Test Laboratory: LG Electronics Inc.

File Name: BD6070_AMPS_383CH_Left_Tilted.da4

DUT: BD6070 Type & Serial Number:

Program: AMPS; 383CH_Left Tilted

Communication System: BD6070; Frequency: 836.49 MHz; Duty Cycle: 1:1

Medium: Head 835 MHz ($s = 0.88$ mho/m, $e = 40.68$, $r = 1000$ kg/m³)

Phantom section: LeftSection

DASY4 Configuration:

- Probe: ET3DV6 - SN1729; ConvF(6.4, 6.4, 6.4); Calibrated: 2002-11-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn534; Calibrated: 2002-09-24
- Phantom: SAM 4.0 - TP:1151
- Software: DASY4, V4.0 Build 51

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

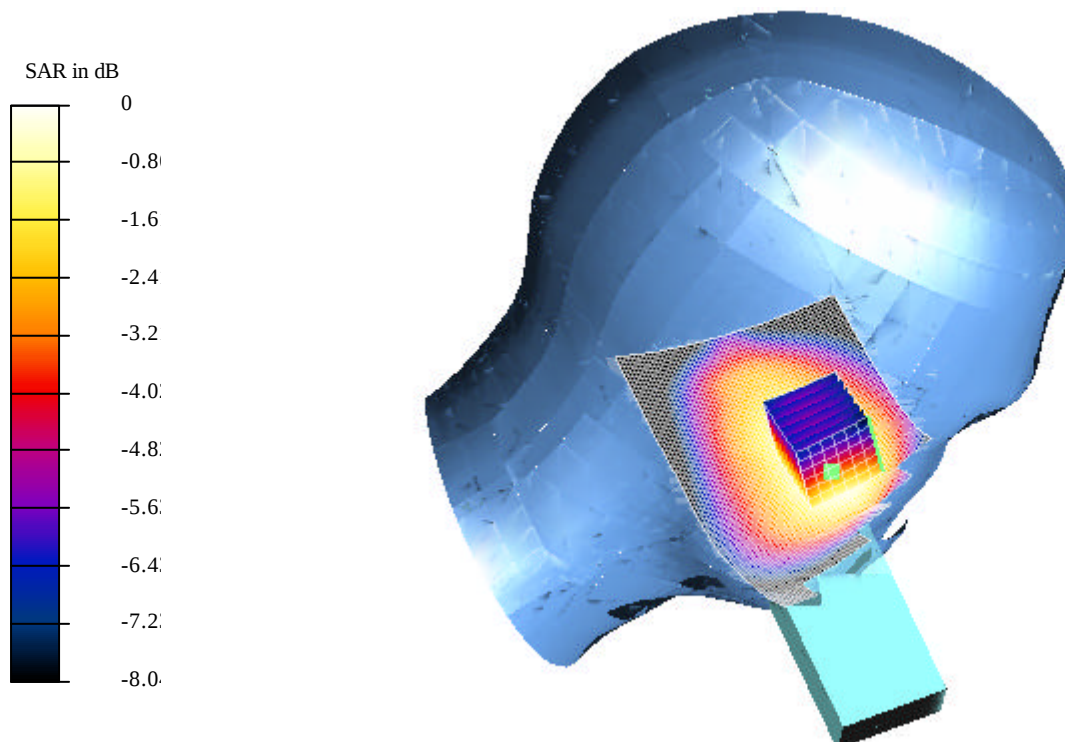
Reference Value = 11 V/m

Peak SAR = 0.262 mW/g

SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.15 mW/g

Power Drift = -0.1 dB

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm



Test Laboratory: LG Electronics Inc.

File Name: BD6070_AMPS_383CH_Right_Tilted.da4

DUT: BD6070 Type & Serial Number:

Program: AMPS; 383CH_Right Tilted

Communication System: BD6070; Frequency: 836.49 MHz; Duty Cycle: 1:1

Medium: Head 835 MHz ($s = 0.88$ mho/m, $e = 40.68$, $r = 1000$ kg/m³)

Phantom section: RightSection

DASY4 Configuration:

- Probe: ET3DV6 - SN1729; ConvF(6.4, 6.4, 6.4); Calibrated: 2002-11-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn534; Calibrated: 2002-09-24
- Phantom: SAM 4.0 - TP:1151
- Software: DASY4, V4.0 Build 51

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

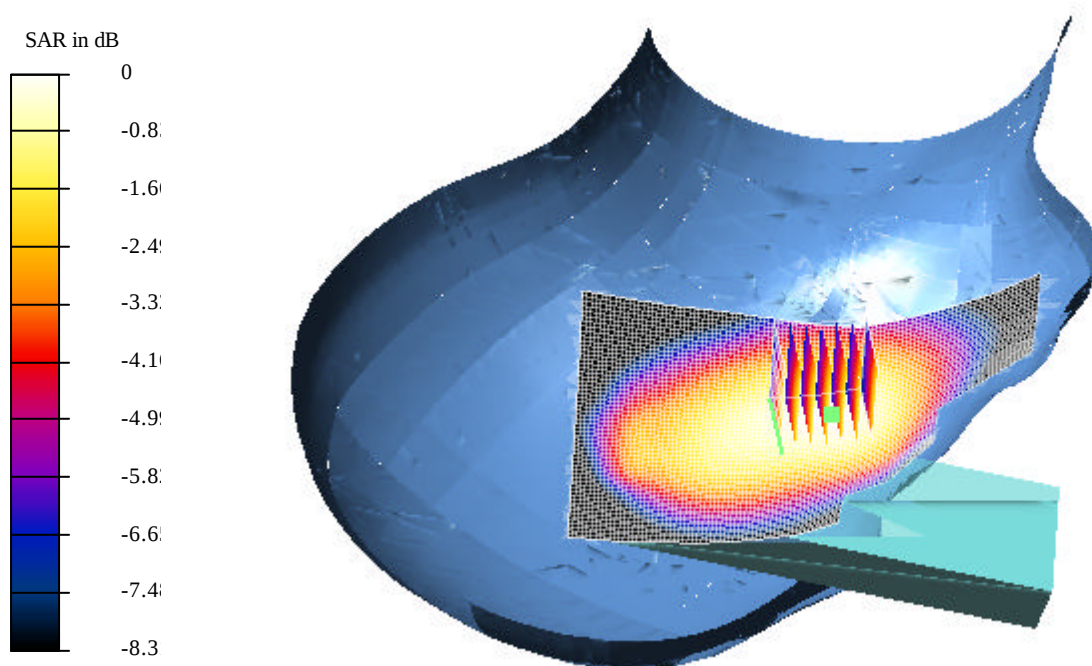
Reference Value = 10.8 V/m

Peak SAR = 0.267 mW/g

SAR(1 g) = 0.208 mW/g; SAR(10 g) = 0.154 mW/g

Power Drift = -0.1 dB

Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm



Test Laboratory: LG Electronics Inc.

File Name: BD6070_CDMA_363CH_Left Touched.da4

DUT: BD6070 Type & Serial Number:

Program: CDMA; 363CH_Left Touched

Communication System: BD6070; Frequency: 835.89 MHz; Duty Cycle: 1:1

Medium: Head 835 MHz ($\sigma = 0.88$ mho/m, $\epsilon = 40.68$, $\rho = 1000$ kg/m³)

Phantom section: LeftSection

DASY4 Configuration:

- Probe: ET3DV6 - SN1729; ConvF(6.4, 6.4, 6.4); Calibrated: 2002-11-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn534; Calibrated: 2002-09-24
- Phantom: SAM 4.0 - TP:1151
- Software: DASY4, V4.0 Build 51

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

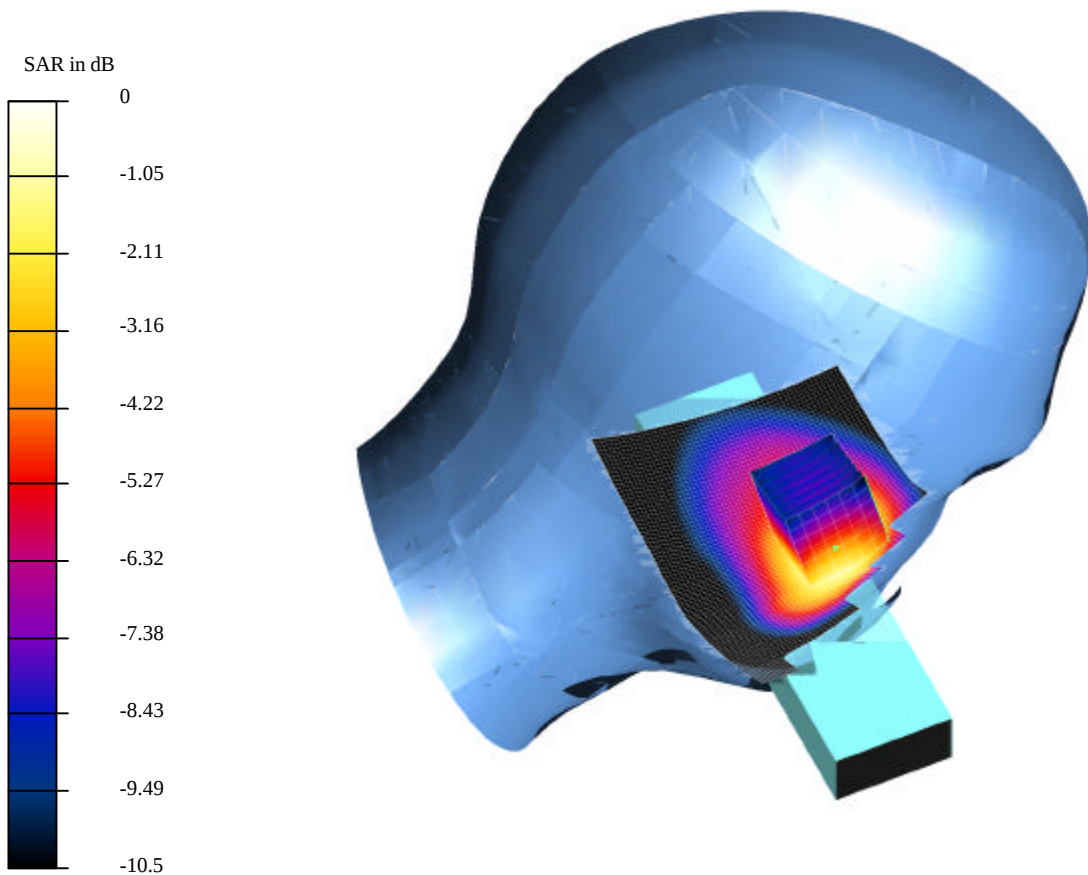
Reference Value = 7.32 V/m

Peak SAR = 0.727 mW/g

SAR(1 g) = 0.497 mW/g; SAR(10 g) = 0.319 mW/g

Power Drift = 0.05 dB

Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm



Test Laboratory: LG Electronics Inc.

File Name: BD6070_CDMA_363CH_Right Touched.da4

DUT: BD6070 Type & Serial Number:

Program: CDMA; 363CH_Right Touched

Communication System: BD6070; Frequency: 835.89 MHz; Duty Cycle: 1:1

Medium: Head 835 MHz ($\sigma = 0.88$ mho/m, $\epsilon = 40.68$, $\rho = 1000$ kg/m³)

Phantom section: RightSection

DASY4 Configuration:

- Probe: ET3DV6 - SN1729; ConvF(6.4, 6.4, 6.4); Calibrated: 2002-11-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn534; Calibrated: 2002-09-24
- Phantom: SAM 4.0 - TP:1151
- Software: DASY4, V4.0 Build 51

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

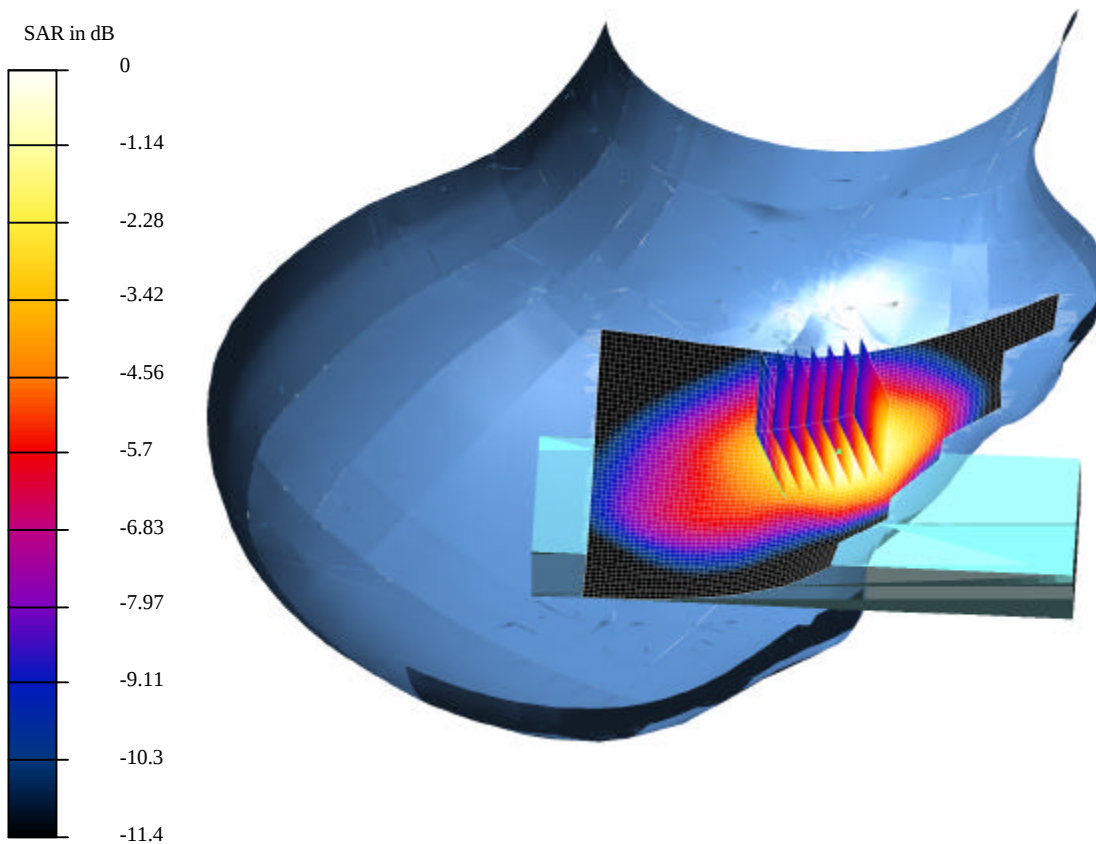
Reference Value = 7.49 V/m

Peak SAR = 0.775 mW/g

SAR(1 g) = 0.526 mW/g; SAR(10 g) = 0.329 mW/g

Power Drift = -0.03 dB

Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm



Test Laboratory: LG Electronics Inc.

File Name: BD6070_CDMA_363CH_Left_Tilted.da4

DUT: BD6070 Type & Serial Number:

Program: CDMA; 363CH_Left Tilted

Communication System: BD6070; Frequency: 835.89 MHz; Duty Cycle: 1:1

Medium: Head 835 MHz ($\sigma = 0.88$ mho/m, $\epsilon = 40.68$, $\rho = 1000$ kg/m³)

Phantom section: LeftSection

DASY4 Configuration:

- Probe: ET3DV6 - SN1729; ConvF(6.4, 6.4, 6.4); Calibrated: 2002-11-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn534; Calibrated: 2002-09-24
- Phantom: SAM 4.0 - TP:1151
- Software: DASY4, V4.0 Build 51

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

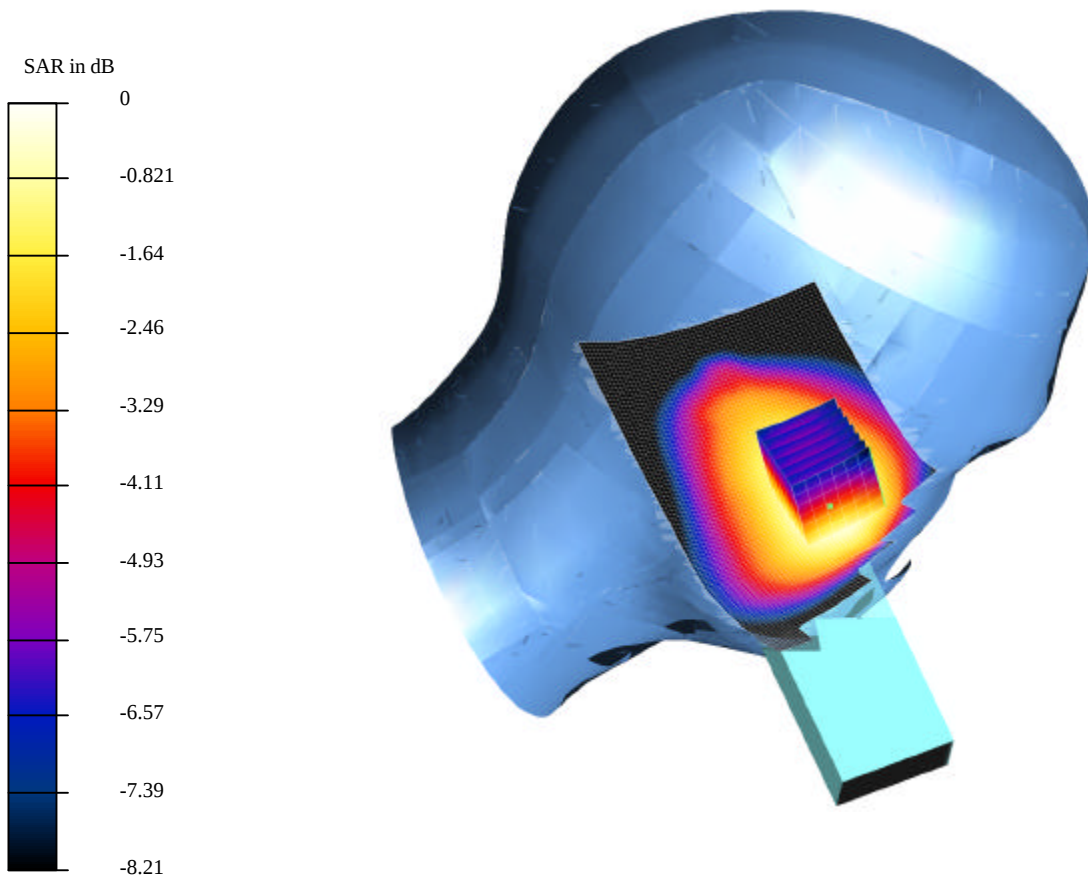
Reference Value = 8.01 V/m

Peak SAR = 0.146 mW/g

SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.0819 mW/g

Power Drift = 0.02 dB

Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm



Test Laboratory: LG Electronics Inc.

File Name: BD6070_CDMA_363CH_Right_Tilted.da4

DUT: BD6070 Type & Serial Number:

Program: CDMA; 363CH_Right Tilted

Communication System: BD6070; Frequency: 835.89 MHz; Duty Cycle: 1:1

Medium: Head 835 MHz ($\sigma = 0.88$ mho/m, $\epsilon = 40.68$, $\rho = 1000$ kg/m³)

Phantom section: RightSection

DASY4 Configuration:

- Probe: ET3DV6 - SN1729; ConvF(6.4, 6.4, 6.4); Calibrated: 2002-11-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn534; Calibrated: 2002-09-24
- Phantom: SAM 4.0 - TP:1151
- Software: DASY4, V4.0 Build 51

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

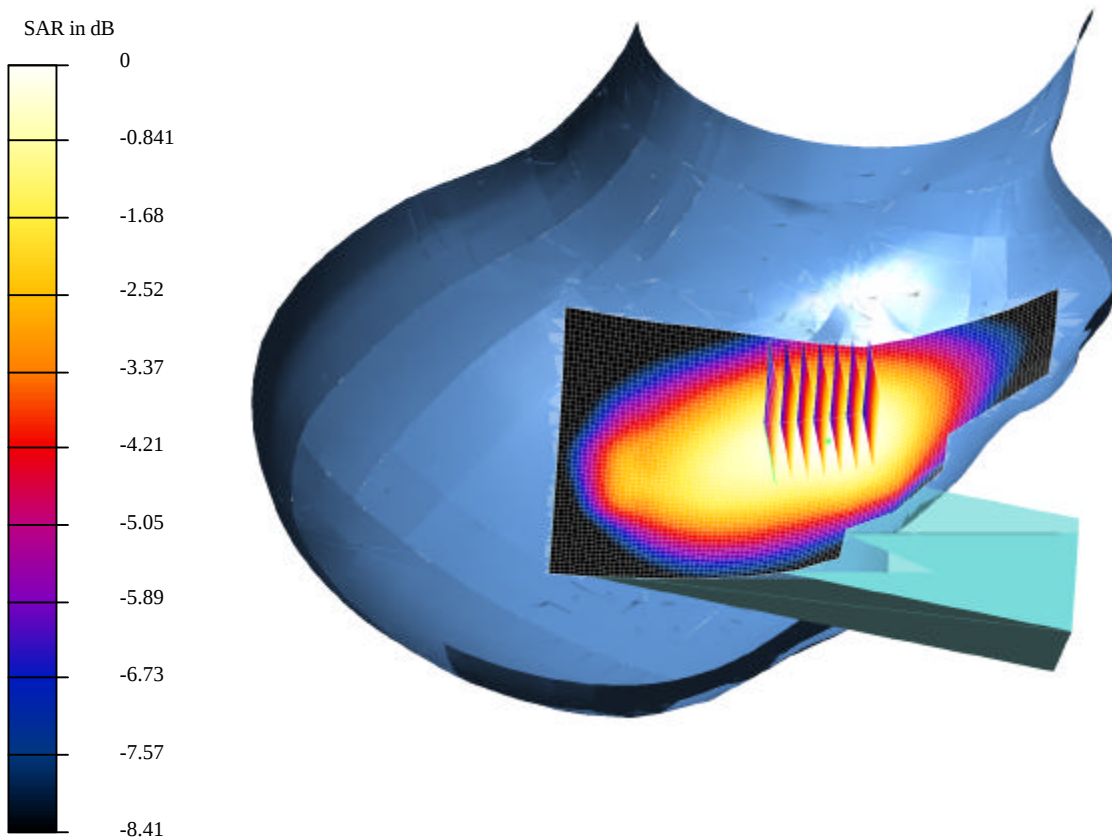
Reference Value = 7.8 V/m

Peak SAR = 0.148 mW/g

SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.0813 mW/g

Power Drift = -0.003 dB

Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm



Test Laboratory: LG Electronics Inc.

File Name: BD6070_PCS_25CH_Left Touched.da4

DUT: BD6070 Type & Serial Number:

Program: PCS; 25CH_Left Touched

Communication System: BD6070; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: Head 1900 MHz ($\sigma = 1.51$ mho/m, $\epsilon = 40.03$, $\rho = 1000$ kg/m³)

Phantom section: LeftSection

DASY4 Configuration:

- Probe: ET3DV6 - SN1729; ConvF(5.3, 5.3, 5.3); Calibrated: 2002-11-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn534; Calibrated: 2002-09-24
- Phantom: SAM 4.0 - TP:1242
- Software: DASY4, V4.0 Build 51

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

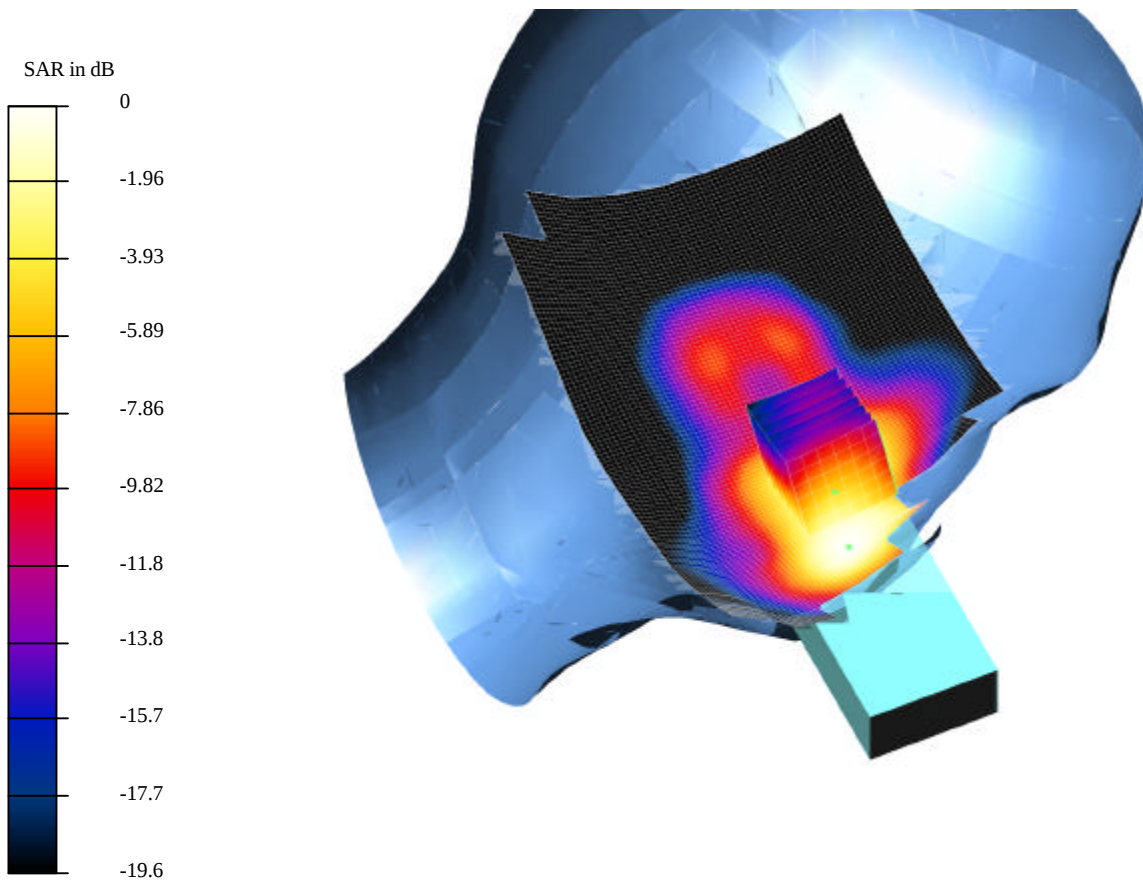
Reference Value = 8.81 V/m

Peak SAR = 1.86 mW/g

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.529 mW/g

Power Drift = -0.3 dB

Area Scan (81x141x1): Measurement grid: dx=15mm, dy=15mm



Test Laboratory: LG Electronics Inc.

File Name: BD6070_PCS_25CH_Right Touched.da4

DUT: BD6070 Type & Serial Number:

Program: PCS; 25CH_Right Touched

Communication System: BD6070; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: Head 1900 MHz ($\sigma = 1.51$ mho/m, $\epsilon = 40.03$, $\rho = 1000$ kg/m³)

Phantom section: RightSection

DASY4 Configuration:

- Probe: ET3DV6 - SN1729; ConvF(5.3, 5.3, 5.3); Calibrated: 2002-11-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn534; Calibrated: 2002-09-24
- Phantom: SAM 4.0 - TP:1242
- Software: DASY4, V4.0 Build 51

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

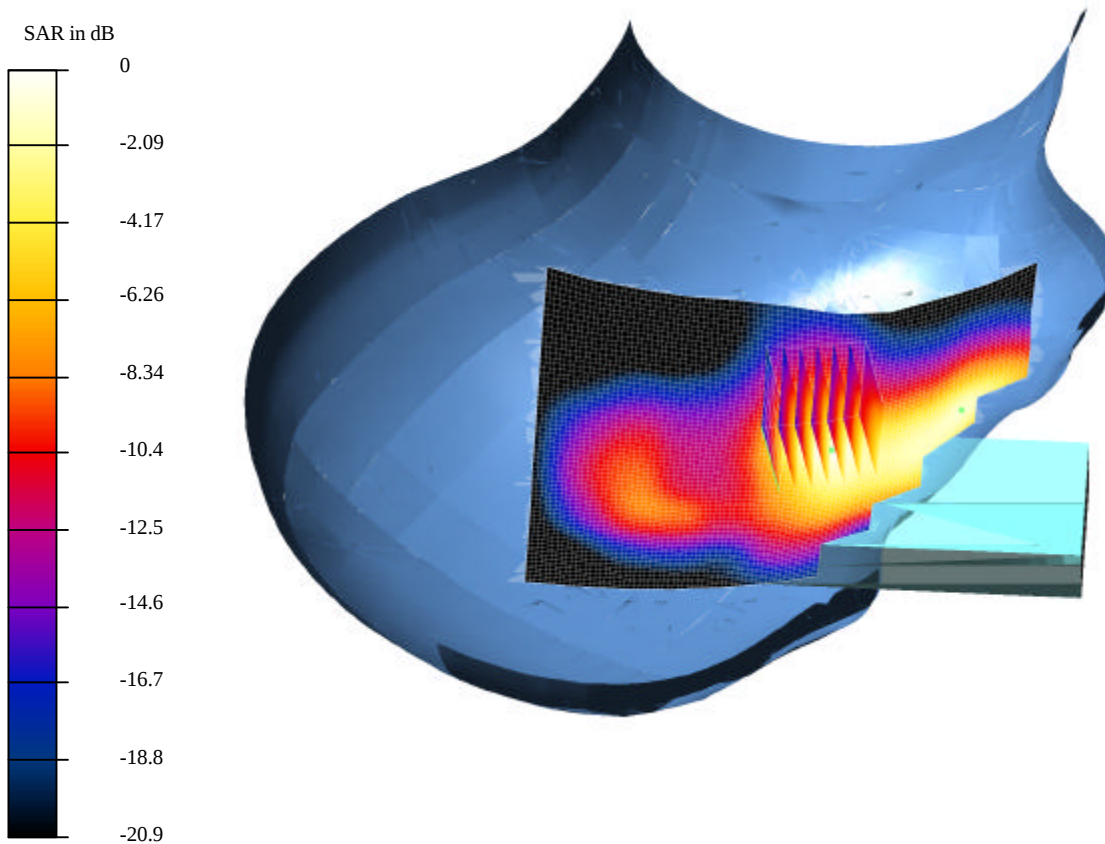
Reference Value = 9.15 V/m

Peak SAR = 1.9 mW/g

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.522 mW/g

Power Drift = -0.4 dB

Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm



Test Laboratory: LG Electronics Inc.
File Name: BD6070_PCS_25CH_Left Tilted.da4

DUT: BD6070 Type & Serial Number:
Program: PCS; 25CH_Left Tilted

Communication System: BD6070; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium: Head 1900 MHz ($\sigma = 1.51$ mho/m, $\epsilon = 40.03$, $\rho = 1000$ kg/m³)
Phantom section: LeftSection

DASY4 Configuration:

- Probe: ET3DV6 - SN1729; ConvF(5.3, 5.3, 5.3); Calibrated: 2002-11-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn534; Calibrated: 2002-09-24
- Phantom: SAM 4.0 - TP:1242
- Software: DASY4, V4.0 Build 51

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

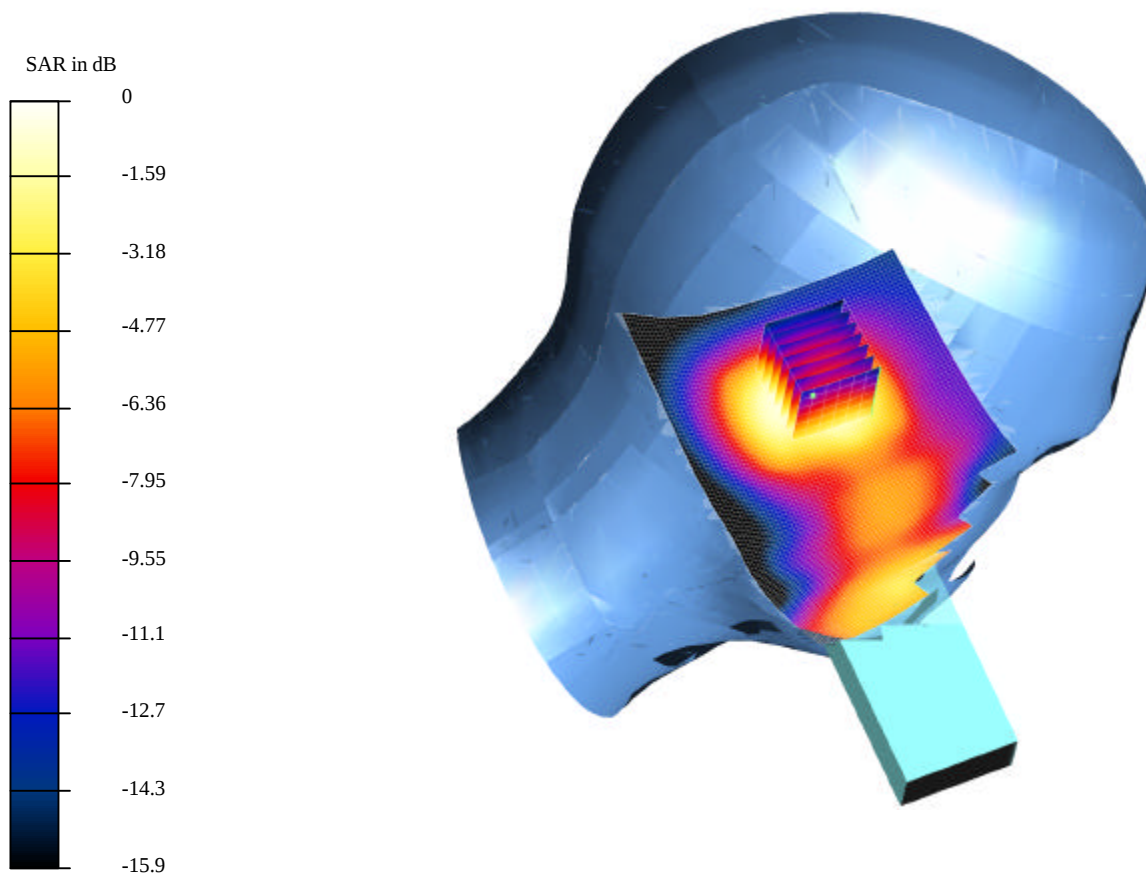
Reference Value = 13.5 V/m

Peak SAR = 0.353 mW/g

SAR(1 g) = 0.238 mW/g; SAR(10 g) = 0.145 mW/g

Power Drift = -0.3 dB

Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm



Test Laboratory: LG Electronics Inc.
File Name: BD6070_PCS_25CH_Right Tilted.da4

DUT: BD6070 Type & Serial Number:
Program: PCS; 25CH_Right Tilted

Communication System: BD6070; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium: Head 1900 MHz ($\sigma = 1.51$ mho/m, $\epsilon = 40.03$, $\rho = 1000$ kg/m³)
Phantom section: RightSection

DASY4 Configuration:

- Probe: ET3DV6 - SN1729; ConvF(5.3, 5.3, 5.3); Calibrated: 2002-11-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn534; Calibrated: 2002-09-24
- Phantom: SAM 4.0 - TP:1242
- Software: DASY4, V4.0 Build 51

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

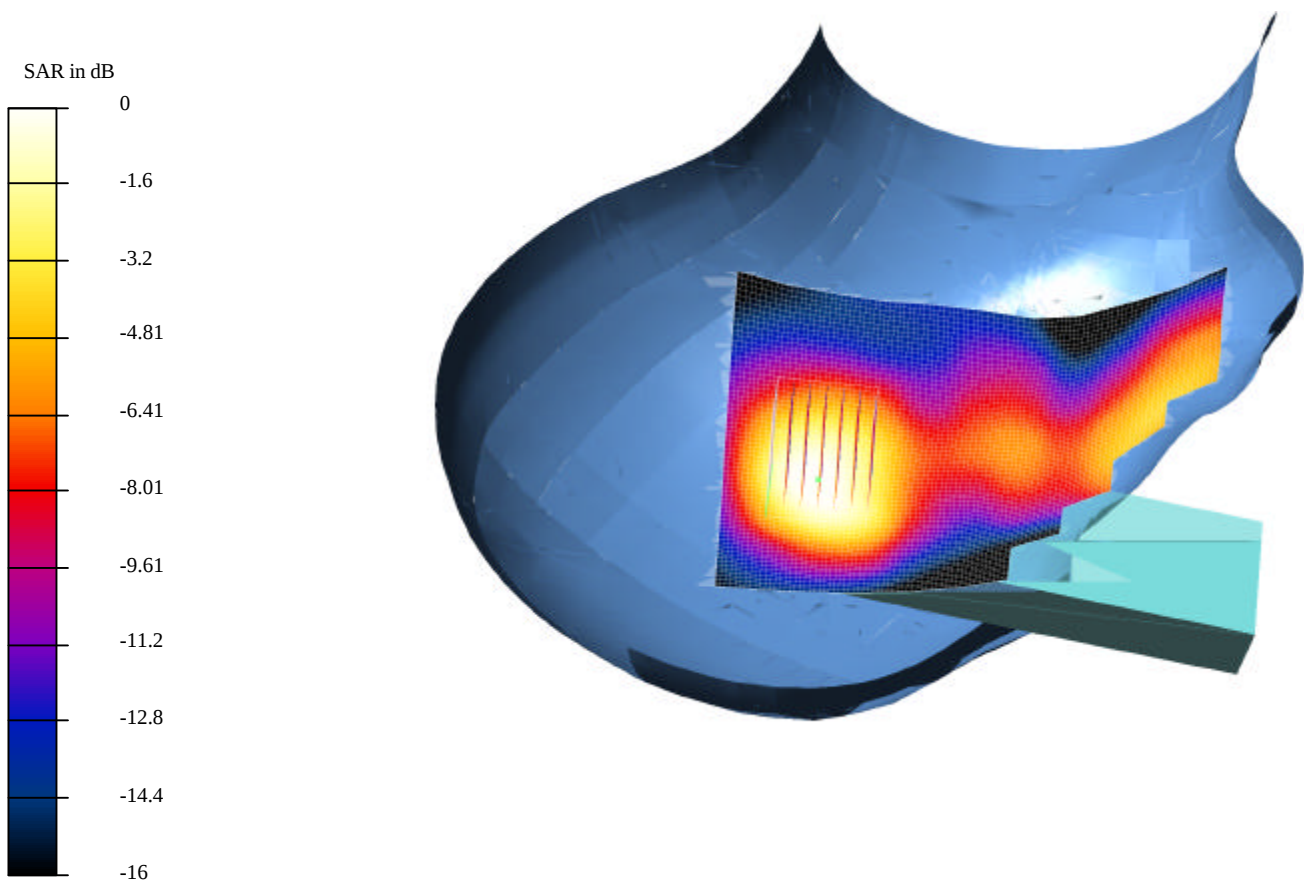
Reference Value = 14.5 V/m

Peak SAR = 0.46 mW/g

SAR(1 g) = 0.303 mW/g; SAR(10 g) = 0.177 mW/g

Power Drift = -0.3 dB

Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm



Test Laboratory: LG Electronics Inc.
File Name: BD6070_AMPS_383CH_Body.da4

DUT: BD6070_Body Type & Serial Number:
Program: AMPS; 383CH_Body

Communication System: BD6070; Frequency: 836.49 MHz; Duty Cycle: 1:1
Medium: Head 835 MHz ($\sigma = 0.93$ mho/m, $\epsilon = 55.32$, $\rho = 1000$ kg/m³)
Phantom section: FlatSection

DASY4 Configuration:

- Probe: ET3DV6 - SN1729; ConvF(6.3, 6.3, 6.3); Calibrated: 2002-11-20
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn534; Calibrated: 2002-09-24
- Phantom: SAM 4.0 - TP:1151
- Software: DASY4, V4.1 Build 33

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

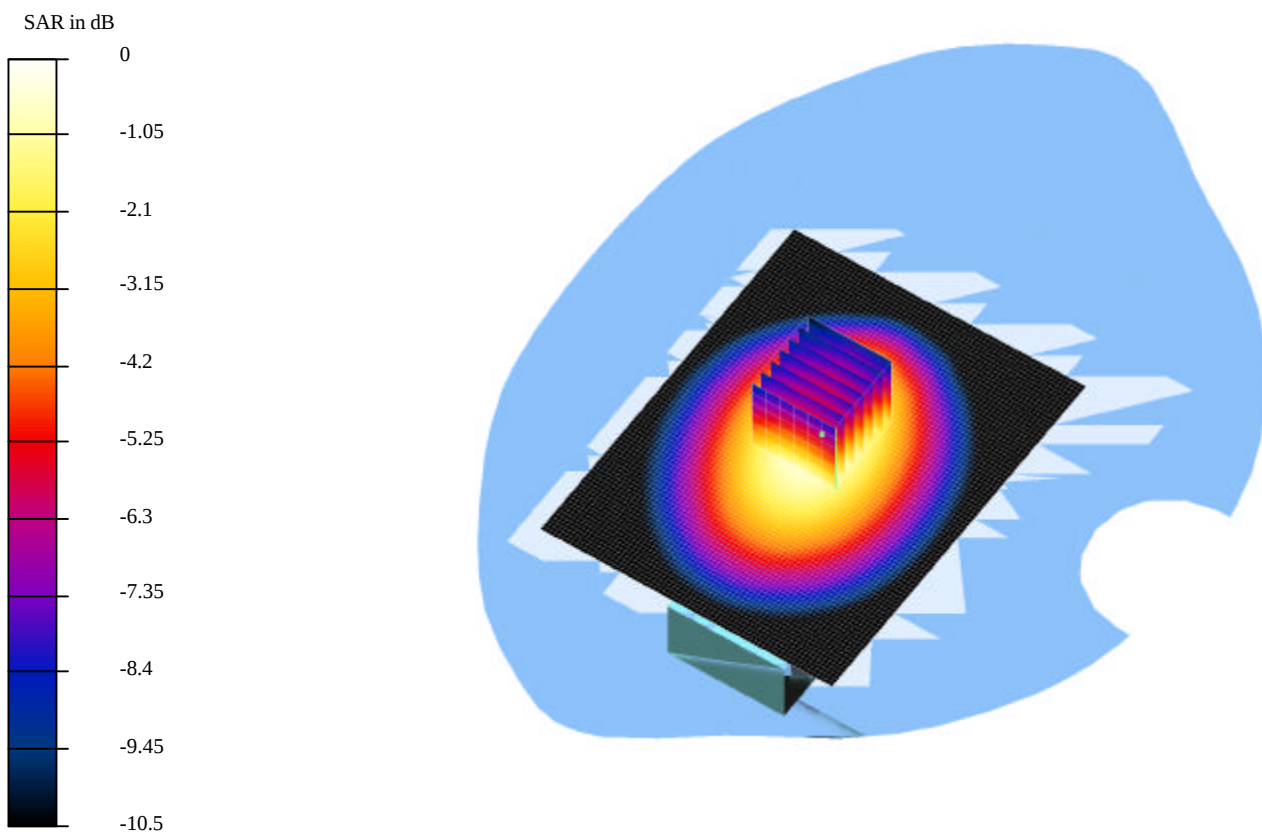
Reference Value = 19.3 V/m

Peak SAR = 0.697 mW/g

SAR(1 g) = 0.513 mW/g; SAR(10 g) = 0.354 mW/g

Power Drift = -0.3 dB

Area Scan (71x91x1): Measurement grid: dx=15mm, dy=15mm



Test Laboratory: LG Electronics Inc.
File Name: BD6070_CDMA_363CH_Body.da4

DUT: BD6070_Body Type & Serial Number:
Program: CDMA; 363CH_Body

Communication System: BD6070; Frequency: 835.89 MHz; Duty Cycle: 1:1
Medium: Head 835 MHz ($\sigma = 0.93$ mho/m, $\epsilon = 55.32$, $\rho = 1000$ kg/m³)
Phantom section: FlatSection

DASY4 Configuration:

- Probe: ET3DV6 - SN1729; ConvF(6.3, 6.3, 6.3); Calibrated: 2002-11-20
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn534; Calibrated: 2002-09-24
- Phantom: SAM 4.0 - TP:1151
- Software: DASY4, V4.1 Build 33

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

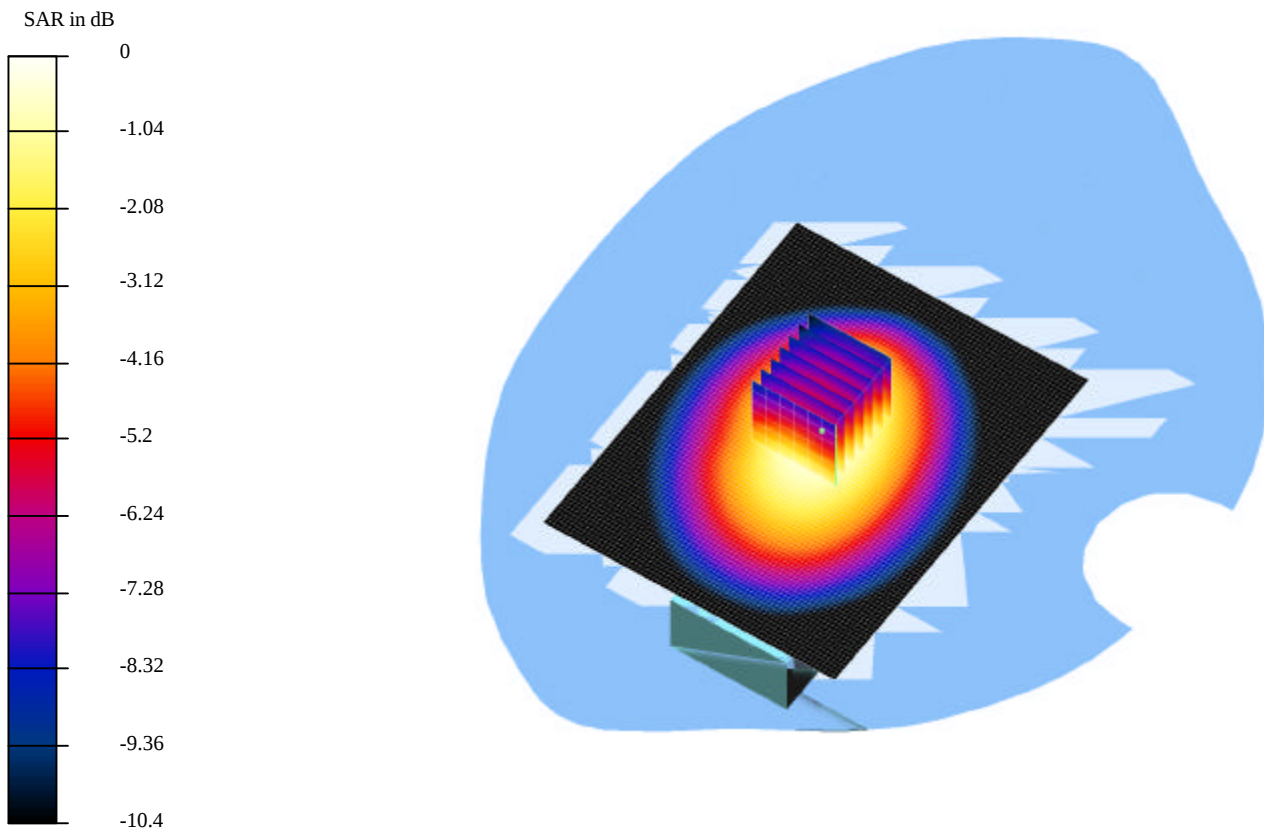
Reference Value = 14.2 V/m

Peak SAR = 0.343 mW/g

SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.174 mW/g

Power Drift = -0.9 dB

Area Scan (71x91x1): Measurement grid: dx=15mm, dy=15mm



Test Laboratory: LG Electronics Inc.
File Name: BD6070_PCS_25CH_Body.da4

DUT: BD6070_Body Type & Serial Number:
Program: PCS; 25CH_Body

Communication System: BD6070; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium: Head 1900 MHz ($\sigma = 1.52$ mho/m, $\epsilon = 53.41$, $\rho = 1000$ kg/m³)
Phantom section: FlatSection

DASY4 Configuration:

- Probe: ET3DV6 - SN1729; ConvF(4.7, 4.7, 4.7); Calibrated: 2002-11-20
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn534; Calibrated: 2002-09-24
- Phantom: SAM 4.0 - TP:1242
- Software: DASY4, V4.1 Build 33

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

Reference Value = 13.5 V/m

Peak SAR = 0.509 mW/g

SAR(1 g) = 0.301 mW/g; SAR(10 g) = 0.174 mW/g

Power Drift = -0.8 dB

Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

