

7.2.2 Band Class 1 (PCS) Plots

Date/Time: 08/21/03 08:48:28

Test Laboratory: QUALCOMM Incorporated
 File Name: [sn 361 -LH -08-20.da4](#)

sn 361 -LH -08-20

DUT: Casper; Type: Phone; Serial: P2b-361
Program: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: CDMA PCS; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: HSL1800 ($\sigma = 1.43771$ mho/m, $\epsilon_r = 40.75$, $\rho = 1000$ kg/m³), Temp=22 deg. C, Humidity 59%

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1733; ConvF(5.4, 5.4, 5.4); Calibrated: 12/3/2002
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn566; Calibrated: 5/23/2003
- Phantom: SAM with CRP; Type: SAM; Serial: 001
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Touch position - Low/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 27.9 V/m

Power Drift = -0.005 dB

Maximum value of SAR = 1.57 mW/g

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

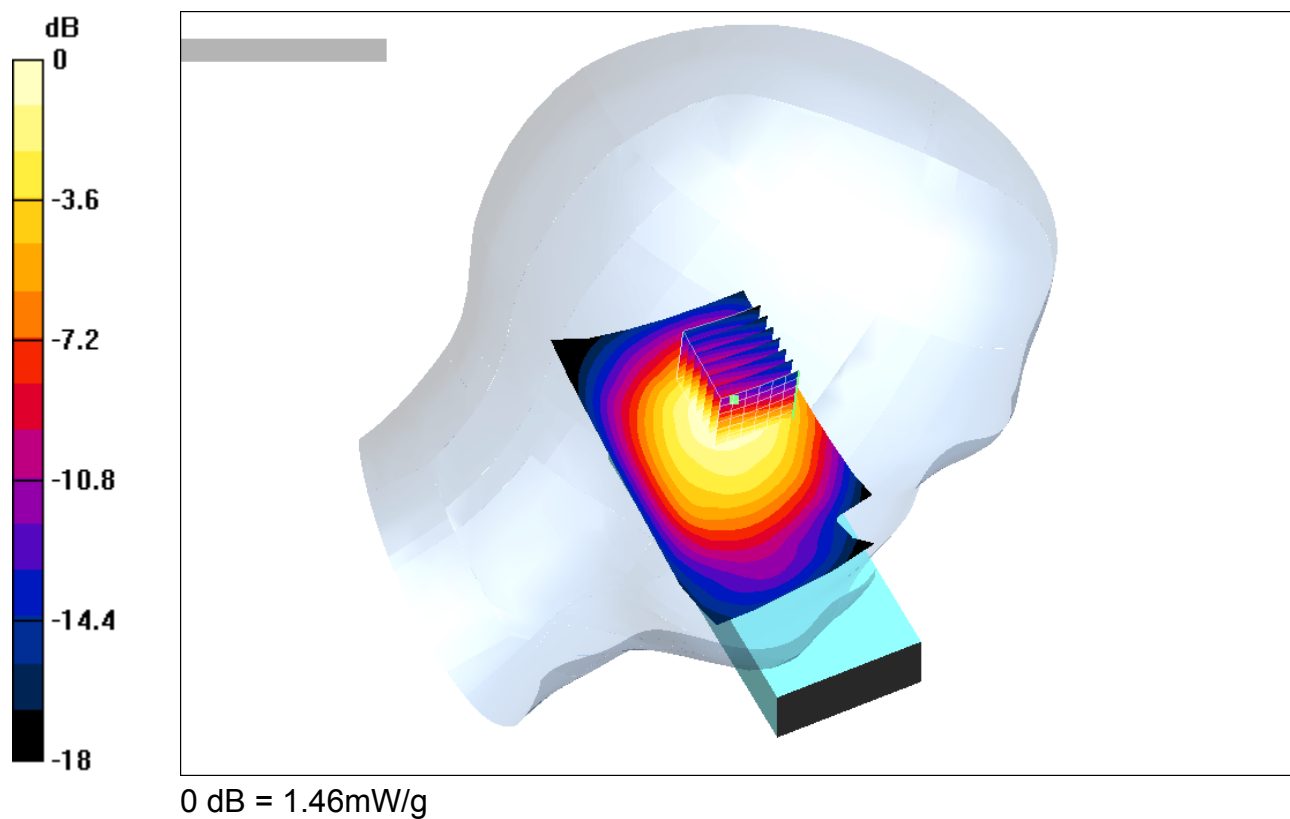
Peak SAR (extrapolated) = 2.46 W/kg

SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.801 mW/g

Reference Value = 27.9 V/m

Power Drift = -0.005 dB

Maximum value of SAR = 1.46 mW/g



Date/Time: 08/21/03 08:48:28

Test Laboratory: QUALCOMM Incorporated
 File Name: [sn 361 -LH -08-20.da4](#)

sn 361 -LH -08-20

DUT: Casper; Type: Phone; Serial: P2b-361
Program: Compliance Testing: P1528 Protocol (Left-Hand Side)

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

Medium: HSL1800 ($\sigma = 1.47677$ mho/m, $\epsilon_r = 40.6$, $\rho = 1000$ kg/m³), Temp=22 deg. C, Humidity 59%

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1733; ConvF(5.1, 5.1, 5.1); Calibrated: 12/3/2002
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn566; Calibrated: 5/23/2003
- Phantom: SAM with CRP; Type: SAM; Serial: 001
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Touch position - Middle/Area Scan (81x111x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 27.9 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 1.58 mW/g

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

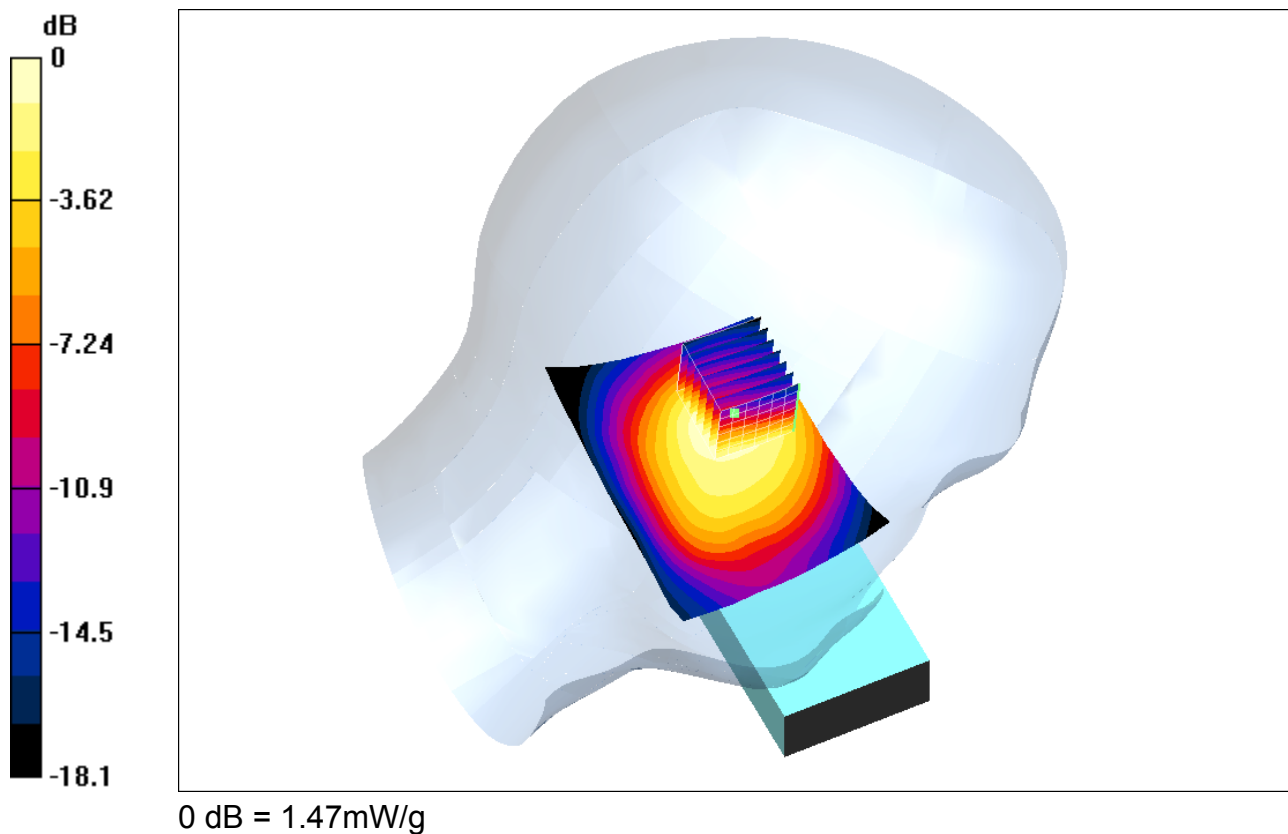
Peak SAR (extrapolated) = 2.48 W/kg

SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.779 mW/g

Reference Value = 27.9 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 1.47 mW/g



Date/Time: 08/21/03 10:25:08

Test Laboratory: QUALCOMM Incorporated
 File Name: [sn 361-LH-08-21.da4](#)

sn 361-LH-08-21

DUT: Casper; Type: Phone; Serial: P2b-361
Program: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: CDMA PCS; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: HSL1800 ($\sigma = 1.48682$ mho/m, $\epsilon_r = 39.3191$, $\rho = 1000$ kg/m³), Temp=22 deg. C, Humidity 59%

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1733; ConvF(5.1, 5.1, 5.1); Calibrated: 12/3/2002
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn566; Calibrated: 5/23/2003
- Phantom: SAM with CRP; Type: SAM; Serial: 001
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Touch position - High/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 29 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 1.74 mW/g

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

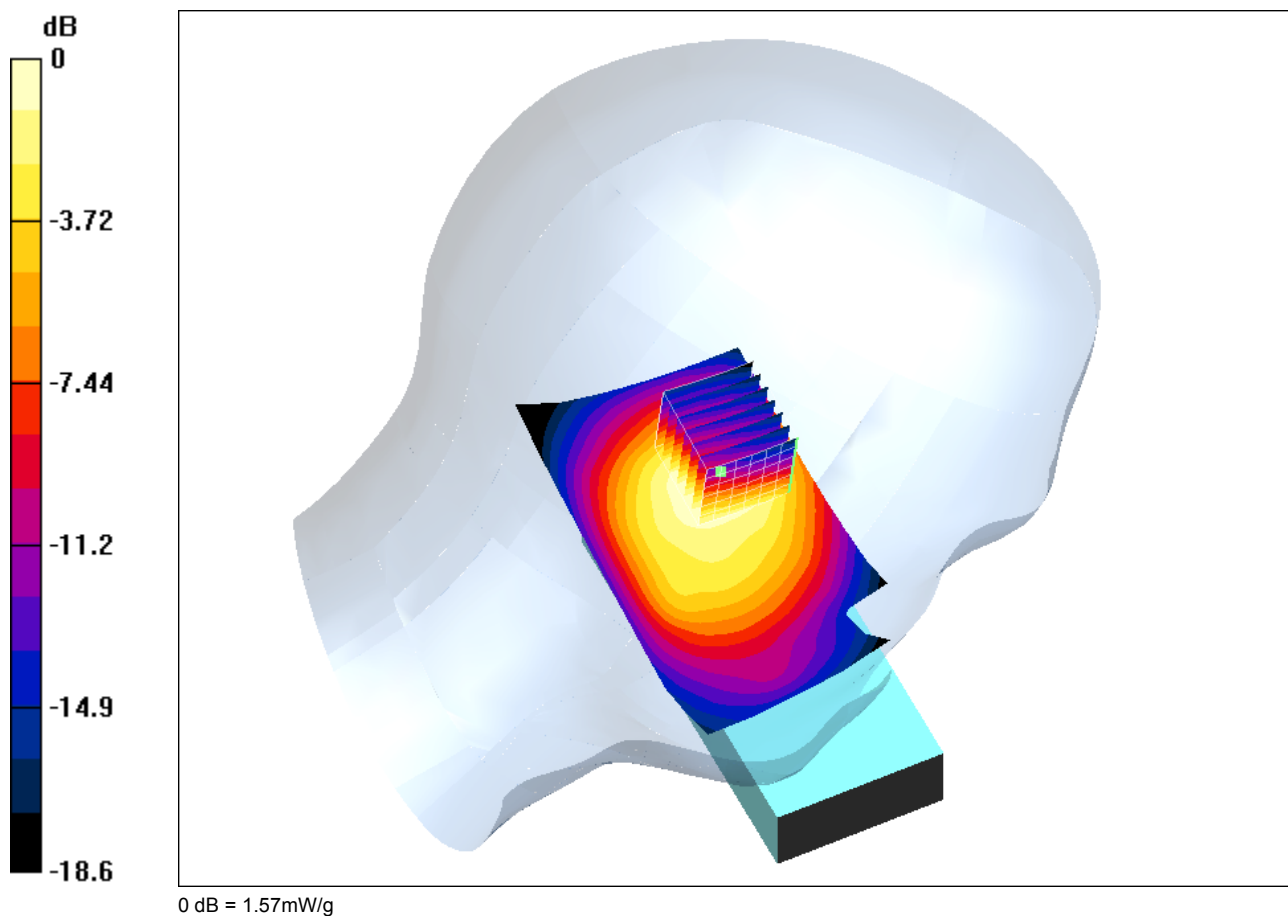
Peak SAR (extrapolated) = 2.66 W/kg

SAR(1 g) = 1.43 mW/g; SAR(10 g) = 0.828 mW/g

Reference Value = 29 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 1.57 mW/g



Date/Time: 08/21/03 08:48:28

Test Laboratory: QUALCOMM Incorporated
 File Name: [sn 361 -LH -08-20.da4](#)

sn 361 -LH -08-20

DUT: Casper; Type: Phone; Serial: P2b-361
Program: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: CDMA PCS; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: HSL1800 ($\sigma = 1.43771$ mho/m, $\epsilon_r = 40.75$, $\rho = 1000$ kg/m³), Temp=22 deg. C, Humidity 59%

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1733; ConvF(5.4, 5.4, 5.4); Calibrated: 12/3/2002
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn566; Calibrated: 5/23/2003
- Phantom: SAM with CRP; Type: SAM; Serial: 001
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Tilt position - Low/Area Scan (81x111x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 29.9 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 1.48 mW/g

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

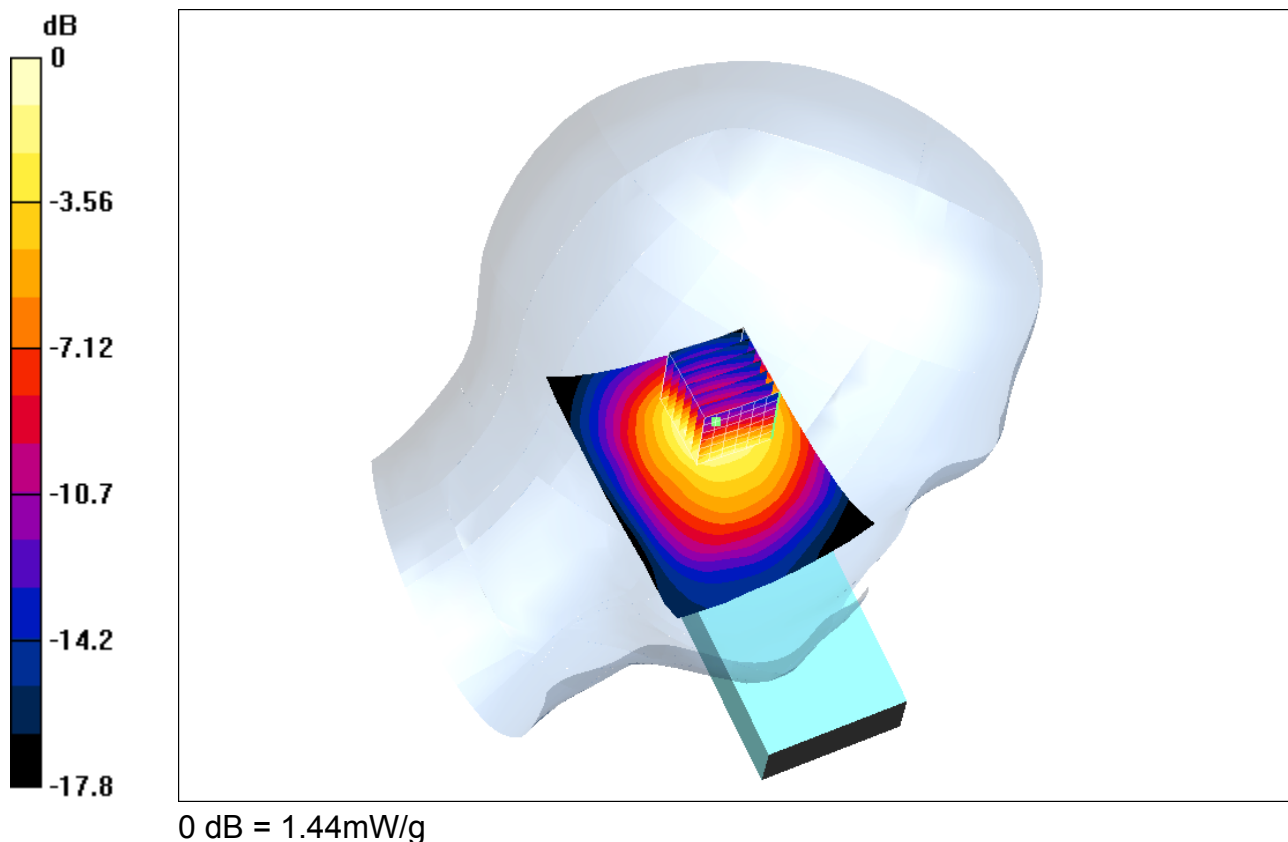
Peak SAR (extrapolated) = 2.29 W/kg

SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.785 mW/g

Reference Value = 29.9 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 1.44 mW/g



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DUT: Casper; Type: Phone; Serial: P2b-361
Program: Compliance Testing: P1528 Protocol (Left-Hand Side)

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

Medium: HSL1800 ($\sigma = 1.47677$ mho/m, $\epsilon_r = 40.6$, $\rho = 1000$ kg/m³), Temp=22 deg. C, Humidity 59%

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1733; ConvF(5.1, 5.1, 5.1); Calibrated: 12/3/2002
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn566; Calibrated: 5/23/2003
- Phantom: SAM with CRP; Type: SAM; Serial: 001
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Tilt position - Middle/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 30 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 1.46 mW/g

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

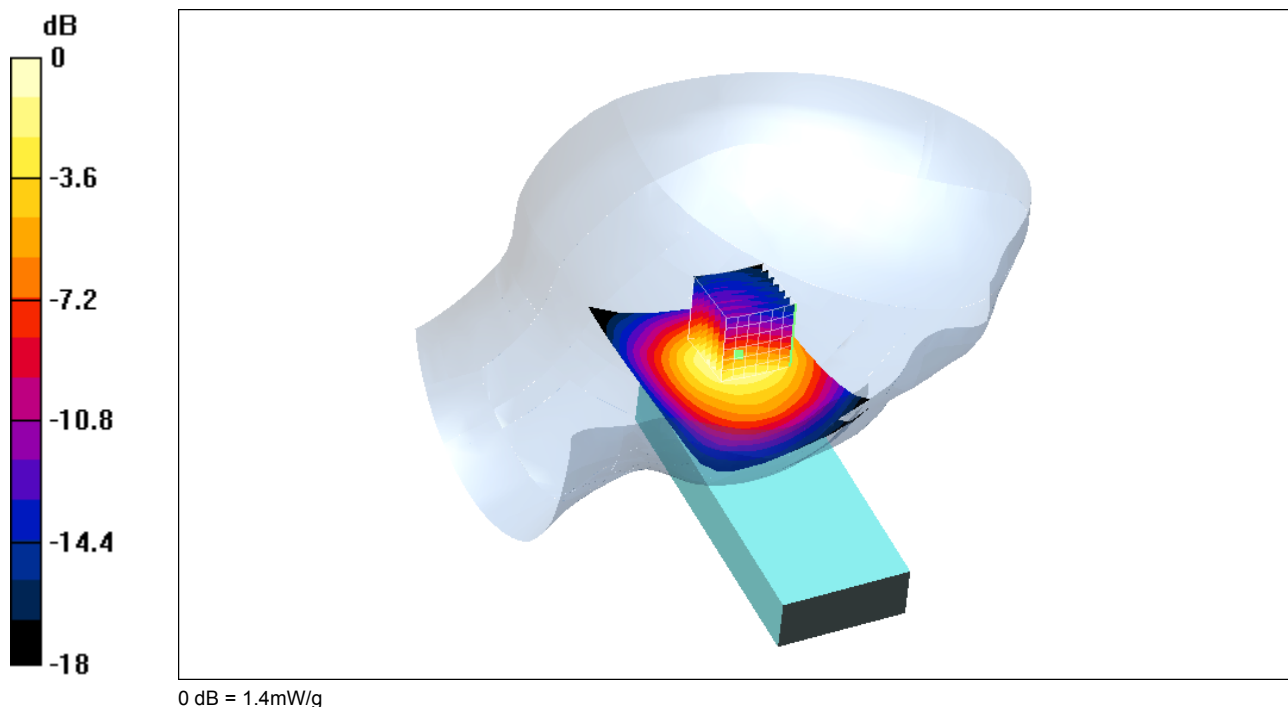
Peak SAR (extrapolated) = 2.25 W/kg

SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.751 mW/g

Reference Value = 30 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 1.4 mW/g



Date/Time: 08/21/03 10:25:08

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sn 361 -LH -08-21

DUT: Casper; Type: Phone; Serial: P2b-361
Program: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: CDMA PCS; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: HSL1800 ($\sigma = 1.48682$ mho/m, $\epsilon_r = 39.3191$, $\rho = 1000$ kg/m³), Temp=22 deg. C, Humidity 59%

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1733; ConvF(5.1, 5.1, 5.1); Calibrated: 12/3/2002
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn566; Calibrated: 5/23/2003
- Phantom: SAM with CRP; Type: SAM; Serial: 001
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Tilt position - High/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 30.5 V/m

Power Drift = -0.05 dB

Maximum value of SAR = 1.55 mW/g

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

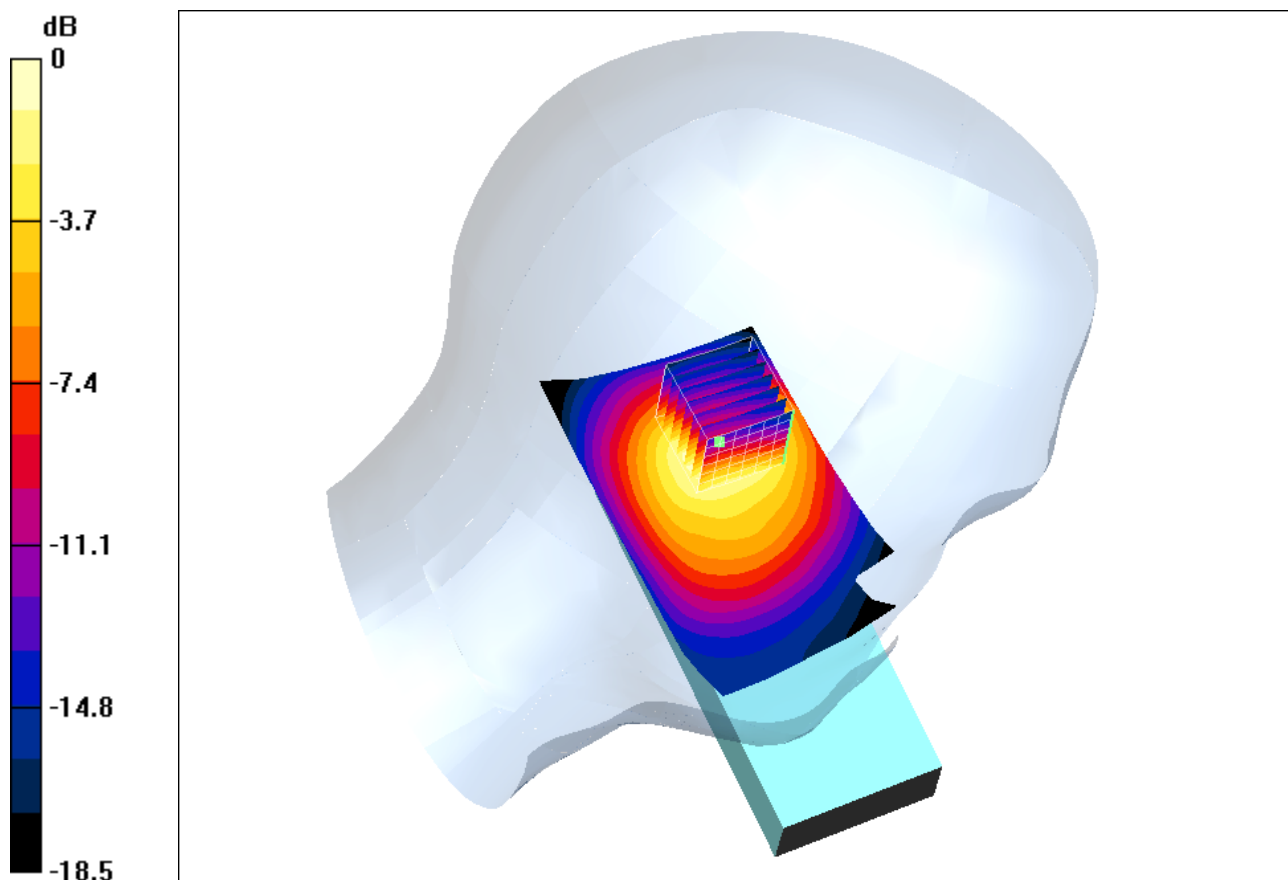
Peak SAR (extrapolated) = 2.68 W/kg

SAR(1 g) = 1.41 mW/g; SAR(10 g) = 0.794 mW/g

Reference Value = 30.5 V/m

Power Drift = -0.05 dB

Maximum value of SAR = 1.52 mW/g



0 dB = 1.52mW/g

Date/Time: 08/21/03 15:02:24

Test Laboratory: QUALCOMM Incorporated
 File Name: [sn 361 -RH -08-21.da4](#)

sn 361 -RH -08-21

DUT: Casper; Type: Phone; Serial: P2b-361
Program: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: CDMA PCS; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: HSL1800 ($\sigma = 1.42354$ mho/m, $\epsilon_r = 39.525$, $\rho = 1000$ kg/m³), Temp=22 deg. C, Humidity 59%

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1733; ConvF(5.4, 5.4, 5.4); Calibrated: 12/3/2002
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn566; Calibrated: 5/23/2003
- Phantom: SAM with CRP; Type: SAM; Serial: 001
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Touch position - Low/Area Scan (61x91x1): Measurement grid: dx=12mm, dy=12mm

Reference Value = 29.1 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 1.45 mW/g

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

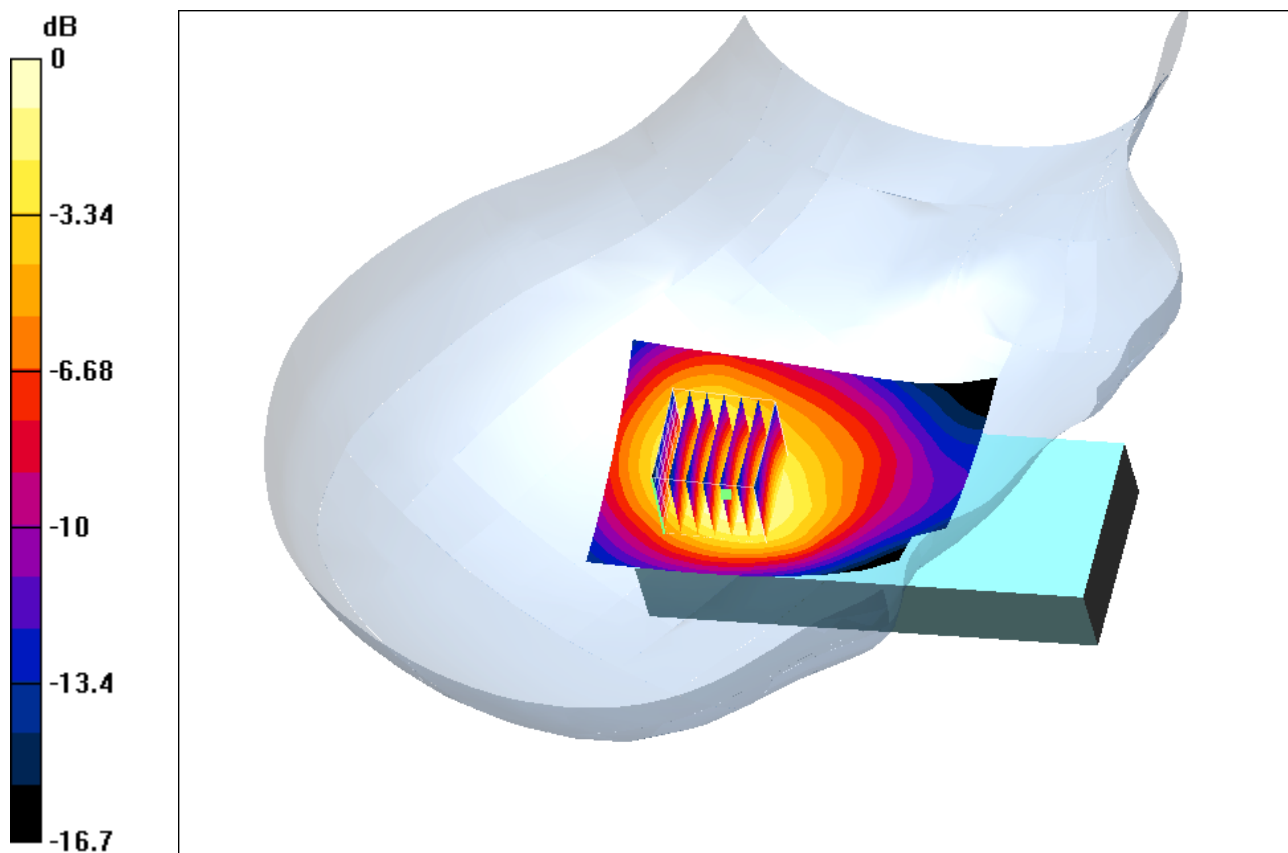
Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 1.33 mW/g; SAR(10 g) = 0.801 mW/g

Reference Value = 29.1 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 1.44 mW/g



0 dB = 1.44mW/g

Date/Time: 08/21/03 15:02:24

Test Laboratory: QUALCOMM Incorporated
 File Name: [sn 361 -RH -08-21.da4](#)

sn 361 -RH -08-21

DUT: Casper; Type: Phone; Serial: P2b-361
Program: Compliance Testing: P1528 Protocol (Right-Hand Side)

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

Medium: HSL1800 ($\sigma = 1.45789$ mho/m, $\epsilon_r = 39.4396$, $\rho = 1000$ kg/m³), Temp=22 deg. C, Humidity 56%

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1733; ConvF(5.4, 5.4, 5.4); Calibrated: 12/3/2002
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn566; Calibrated: 5/23/2003
- Phantom: SAM with CRP; Type: SAM; Serial: 001
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Touch position - Middle/Area Scan (61x91x1): Measurement grid: dx=12mm, dy=12mm

Reference Value = 29.9 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 1.57 mW/g

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

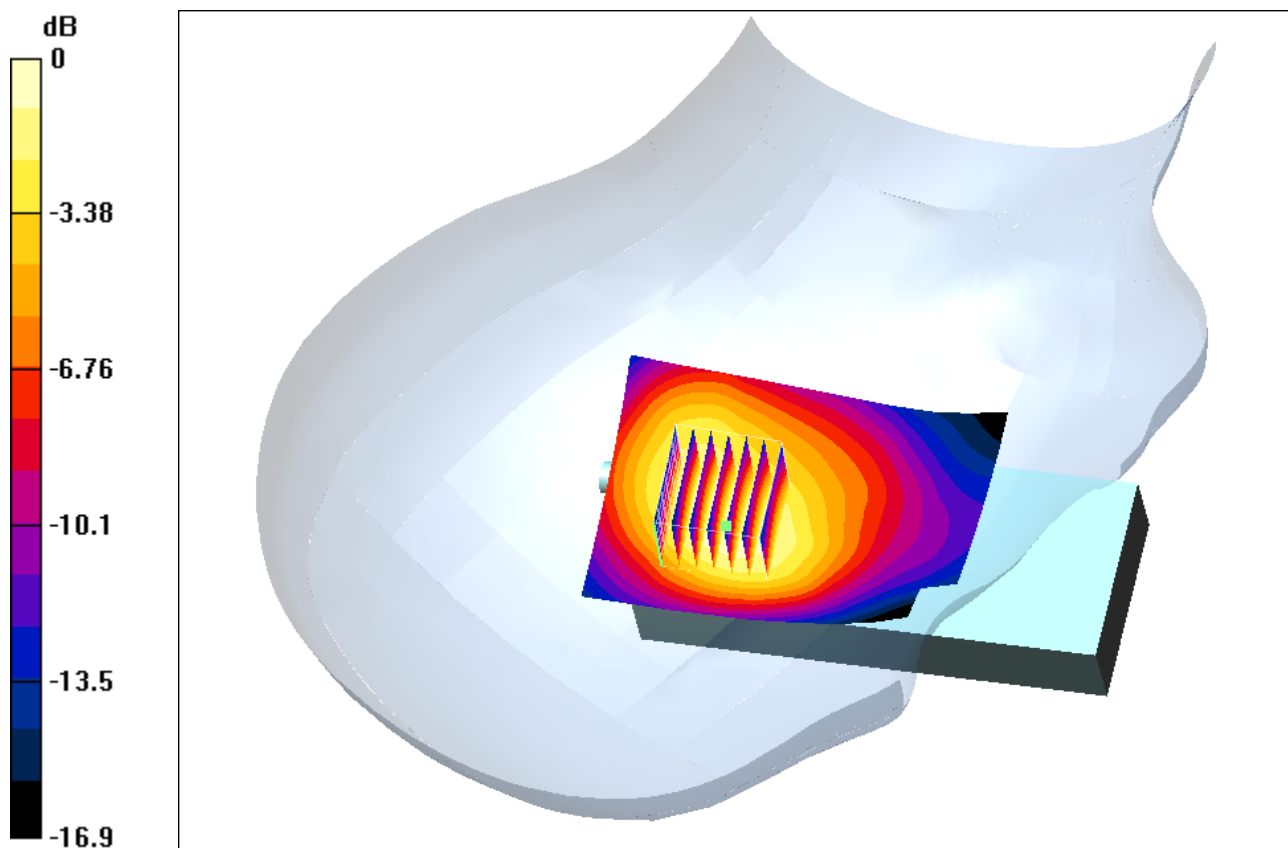
Peak SAR (extrapolated) = 2.14 W/kg

SAR(1 g) = 1.44 mW/g; SAR(10 g) = 0.859 mW/g

Reference Value = 29.9 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 1.56 mW/g



0 dB = 1.56mW/g

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Test Laboratory: QUALCOMM Incorporated
 File Name: [sn 361 -RH -08-21.da4](#)

sn 361 -RH -08-21

DUT: Casper; Type: Phone; Serial: P2b-361
Program: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: CDMA PCS; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: HSL1800 ($\sigma = 1.48682$ mho/m, $\epsilon_r = 39.3191$, $\rho = 1000$ kg/m³), Temp=22 deg. C, Humidity 57%

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1733; ConvF(5.1, 5.1, 5.1); Calibrated: 12/3/2002
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn566; Calibrated: 5/23/2003
- Phantom: SAM with CRP; Type: SAM; Serial: 001
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Touch position - High/Area Scan (61x91x1): Measurement grid: dx=12mm, dy=12mm

Reference Value = 28.8 V/m

Power Drift = -0.07 dB

Maximum value of SAR = 1.56 mW/g

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

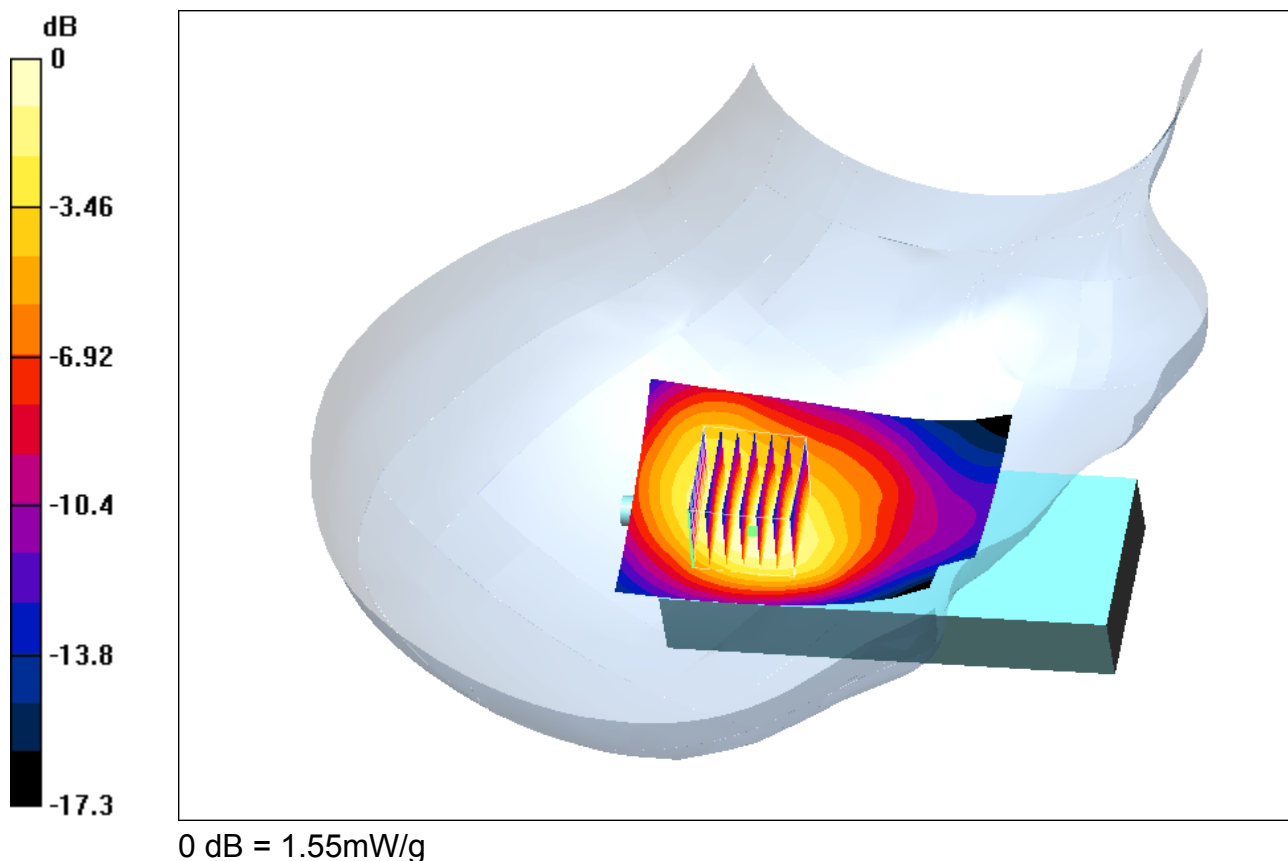
Peak SAR (extrapolated) = 2.19 W/kg

SAR(1 g) = 1.43 mW/g; SAR(10 g) = 0.846 mW/g

Reference Value = 28.8 V/m

Power Drift = -0.07 dB

Maximum value of SAR = 1.55 mW/g



Date/Time: 08/21/03 15:02:24

Test Laboratory: QUALCOMM Incorporated
 File Name: [sn 361 -RH -08-21.da4](#)

sn 361 -RH -08-21

DUT: Casper; Type: Phone; Serial: P2b-361
Program: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: CDMA PCS; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: HSL1800 ($\sigma = 1.42354$ mho/m, $\epsilon_r = 39.525$, $\rho = 1000$ kg/m³), Temp=22 deg. C, Humidity 58%

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1733; ConvF(5.4, 5.4, 5.4); Calibrated: 12/3/2002
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn566; Calibrated: 5/23/2003
- Phantom: SAM with CRP; Type: SAM; Serial: 001
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Tilt position - Low/Area Scan (61x91x1): Measurement grid: dx=12mm, dy=12mm

Reference Value = 31.5 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 1.36 mW/g

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

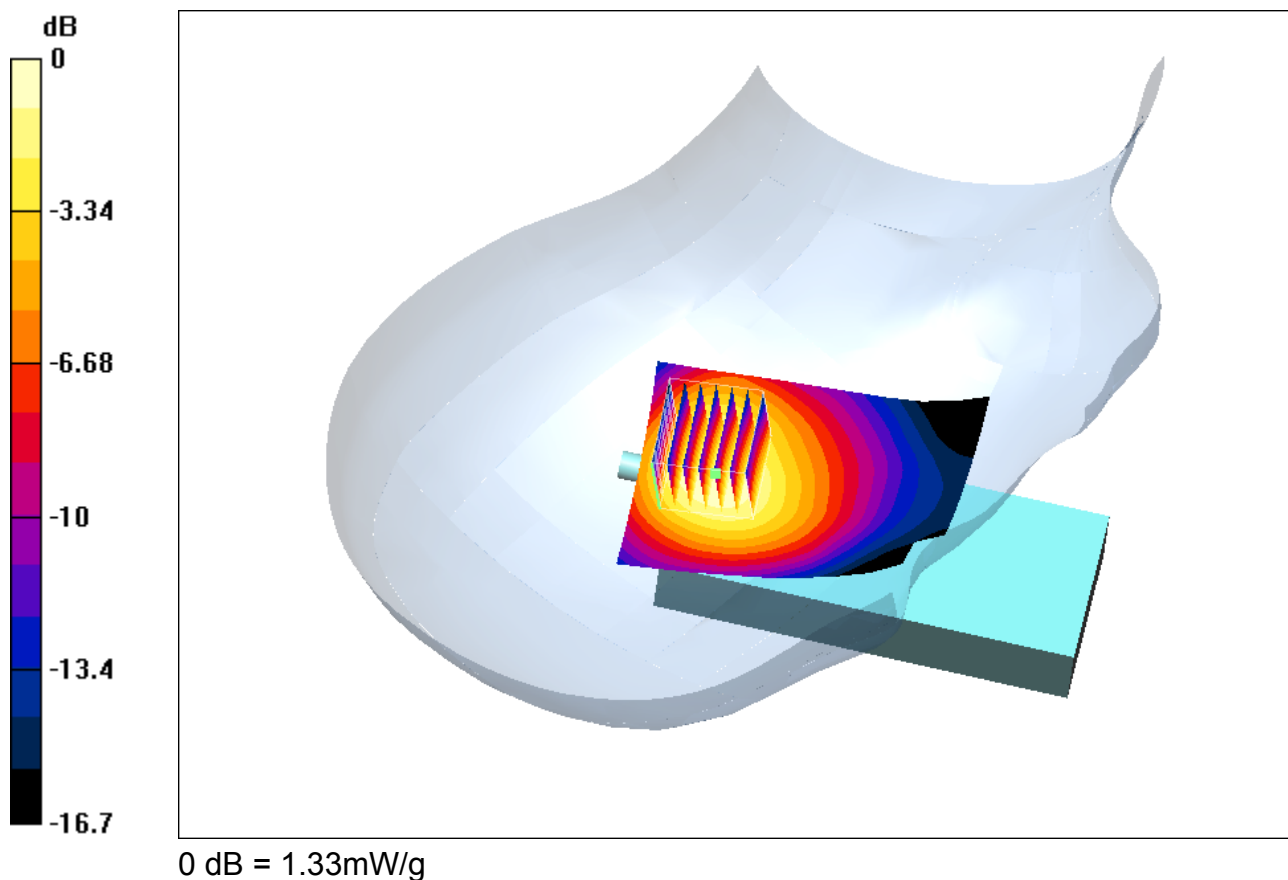
Peak SAR (extrapolated) = 1.9 W/kg

SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.73 mW/g

Reference Value = 31.5 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 1.33 mW/g



Date/Time: 08/21/03 15:02:24

Test Laboratory: QUALCOMM Incorporated
 File Name: [sn 361 -RH -08-21.da4](#)

sn 361 -RH -08-21

DUT: Casper; Type: Phone; Serial: P2b-361
Program: Compliance Testing: P1528 Protocol (Right-Hand Side)

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

Medium: HSL1800 ($\sigma = 1.45789$ mho/m, $\epsilon_r = 39.4396$, $\rho = 1000$ kg/m³), Temp=22 deg. C, Humidity 56%

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1733; ConvF(5.4, 5.4, 5.4); Calibrated: 12/3/2002
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn566; Calibrated: 5/23/2003
- Phantom: SAM with CRP; Type: SAM; Serial: 001
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Tilt position - Middle/Area Scan (61x91x1): Measurement grid: dx=12mm, dy=12mm

Reference Value = 31.9 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 1.42 mW/g

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

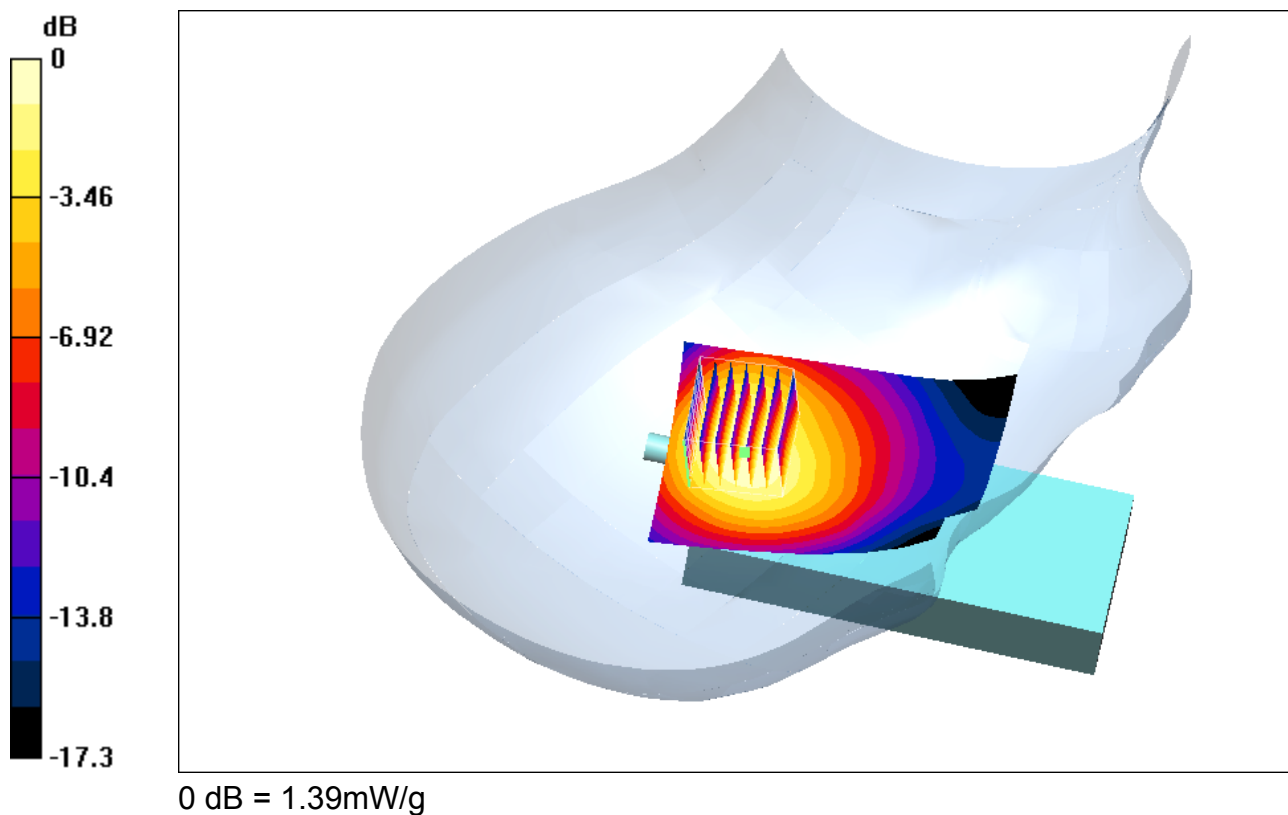
Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.759 mW/g

Reference Value = 31.9 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 1.39 mW/g



Date/Time: 08/21/03 15:02:24

Test Laboratory: QUALCOMM Incorporated
 File Name: [sn 361 -RH -08-21.da4](#)

sn 361 -RH -08-21

DUT: Casper; Type: Phone; Serial: P2b-361
Program: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: CDMA PCS; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: HSL1800 ($\sigma = 1.48682$ mho/m, $\epsilon_r = 39.3191$, $\rho = 1000$ kg/m³), Temp=22 deg. C, Humidity 58%

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1733; ConvF(5.1, 5.1, 5.1); Calibrated: 12/3/2002
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn566; Calibrated: 5/23/2003
- Phantom: SAM with CRP; Type: SAM; Serial: 001
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Tilt position - High/Area Scan (61x91x1): Measurement grid: dx=12mm, dy=12mm

Reference Value = 30.7 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 1.35 mW/g

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

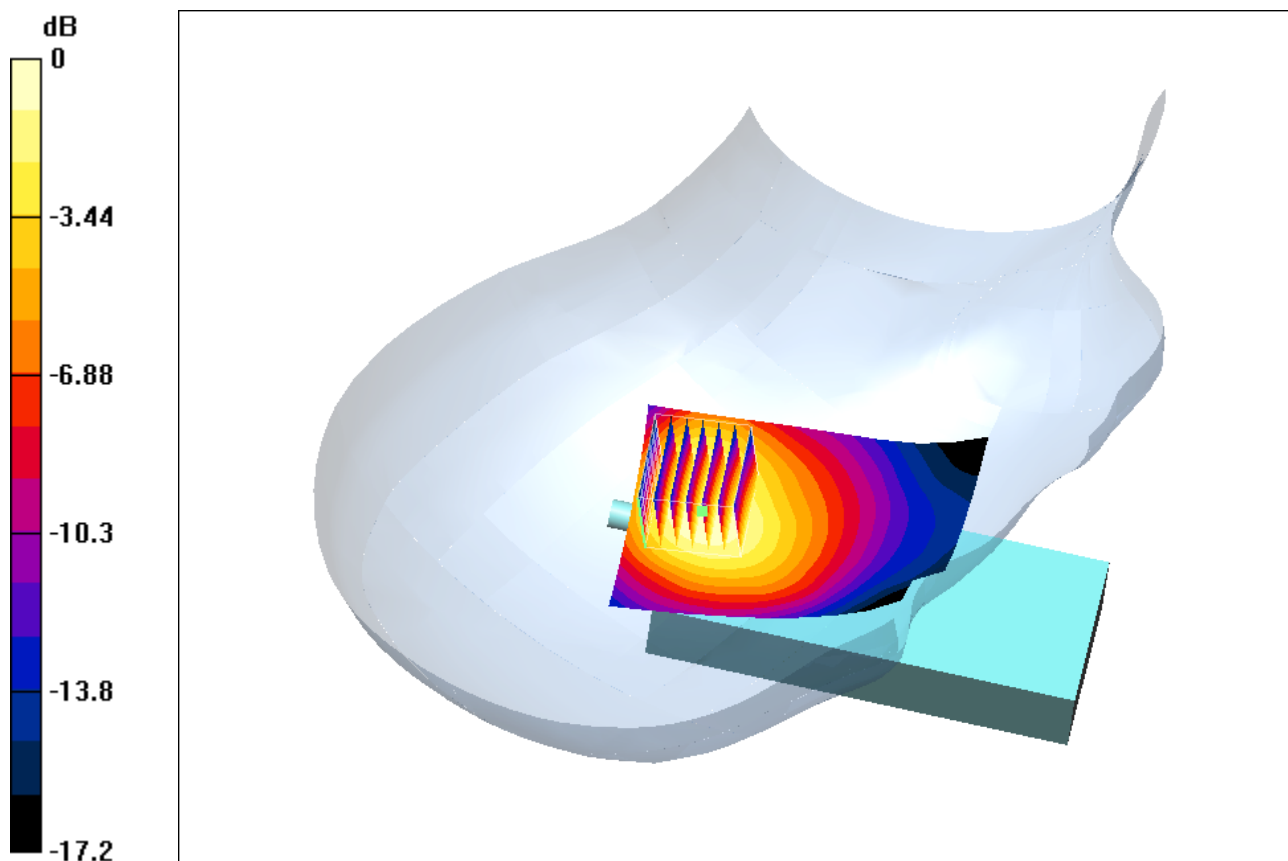
Peak SAR (extrapolated) = 1.93 W/kg

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.722 mW/g

Reference Value = 30.7 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 1.32 mW/g



0 dB = 1.32mW/g

Date/Time: 08/21/03 18:40:39

Test Laboratory: QUALCOMM Incorporated
 File Name: [P1528-Flat-PTT 8-21 CDMA PCS sn361.da4](#)

P1528-Flat-PTT 8-21 CDMA PCS sn361

DUT: Casper; Type: Phone; Serial: P2b-361
Program: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: CDMA PCS; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: HSL1800 ($\sigma = 1.42354$ mho/m, $\epsilon_r = 39.525$, $\rho = 1000$ kg/m³), Temp=22 deg. C, Humidity 58%

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1733; ConvF(5.4, 5.4, 5.4); Calibrated: 12/3/2002
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn566; Calibrated: 5/23/2003
- Phantom: SAM with CRP; Type: SAM; Serial: 001
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

PTT - Low/Area Scan (61x91x1): Measurement grid: dx=12mm, dy=12mm

Reference Value = 11.9 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.241 mW/g

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

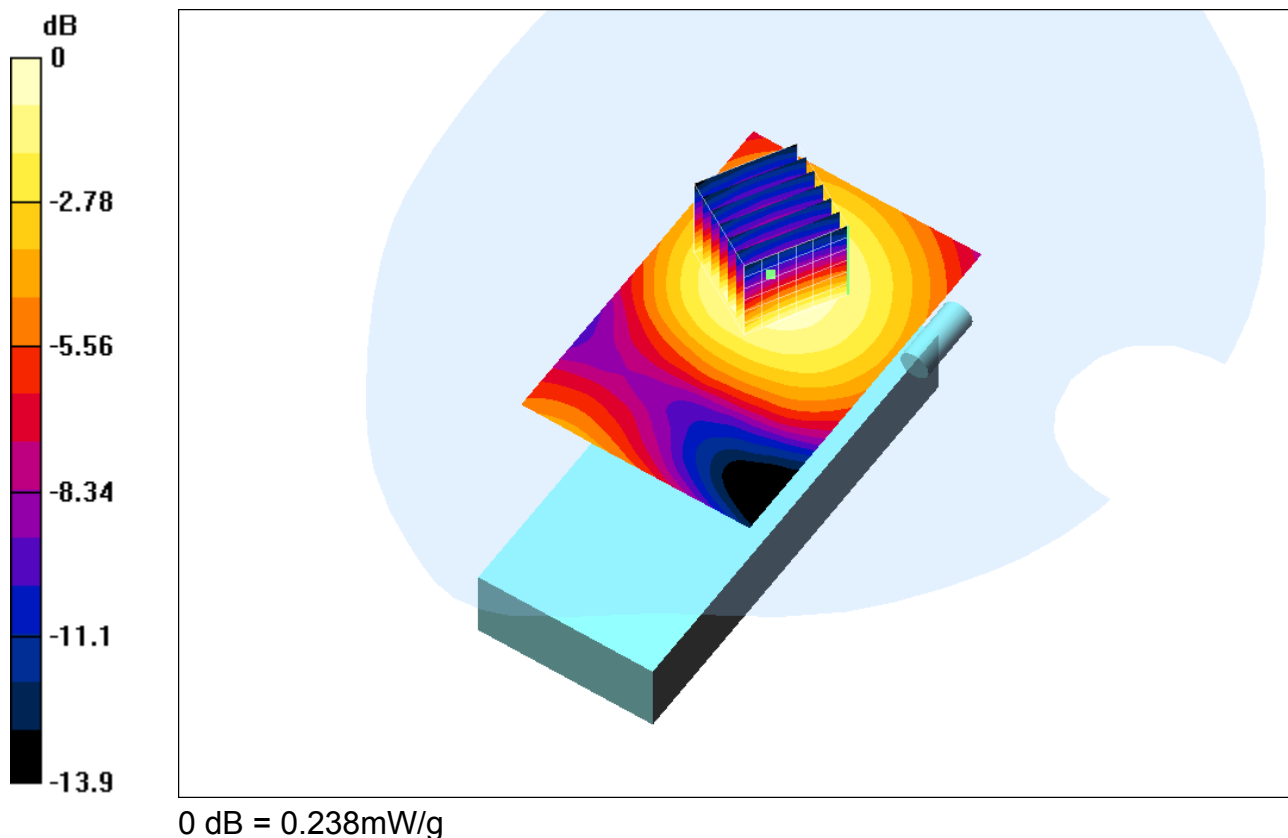
Peak SAR (extrapolated) = 0.372 W/kg

SAR(1 g) = 0.229 mW/g; SAR(10 g) = 0.143 mW/g

Reference Value = 11.9 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.238 mW/g



Date/Time: 08/21/03 18:40:39

Test Laboratory: QUALCOMM Incorporated
 File Name: [P1528-Flat-PTT 8-21 CDMA PCS sn361.da4](#)

P1528-Flat-PTT 8-21 CDMA PCS sn361

DUT: Casper; Type: Phone; Serial: P2b-361
Program: Compliance Testing: P1528 Protocol (Flat)

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

Medium: HSL1800 ($\sigma = 1.45789$ mho/m, $\epsilon_r = 39.4396$, $\rho = 1000$ kg/m³), Temp=22 deg. C, Humidity 58%

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1733; ConvF(5.4, 5.4, 5.4); Calibrated: 12/3/2002
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn566; Calibrated: 5/23/2003
- Phantom: SAM with CRP; Type: SAM; Serial: 001
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

PTT - Middle/Area Scan (61x91x1): Measurement grid: dx=12mm, dy=12mm

Reference Value = 10.7 V/m

Power Drift = 0.06 dB

Maximum value of SAR = 0.234 mW/g

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

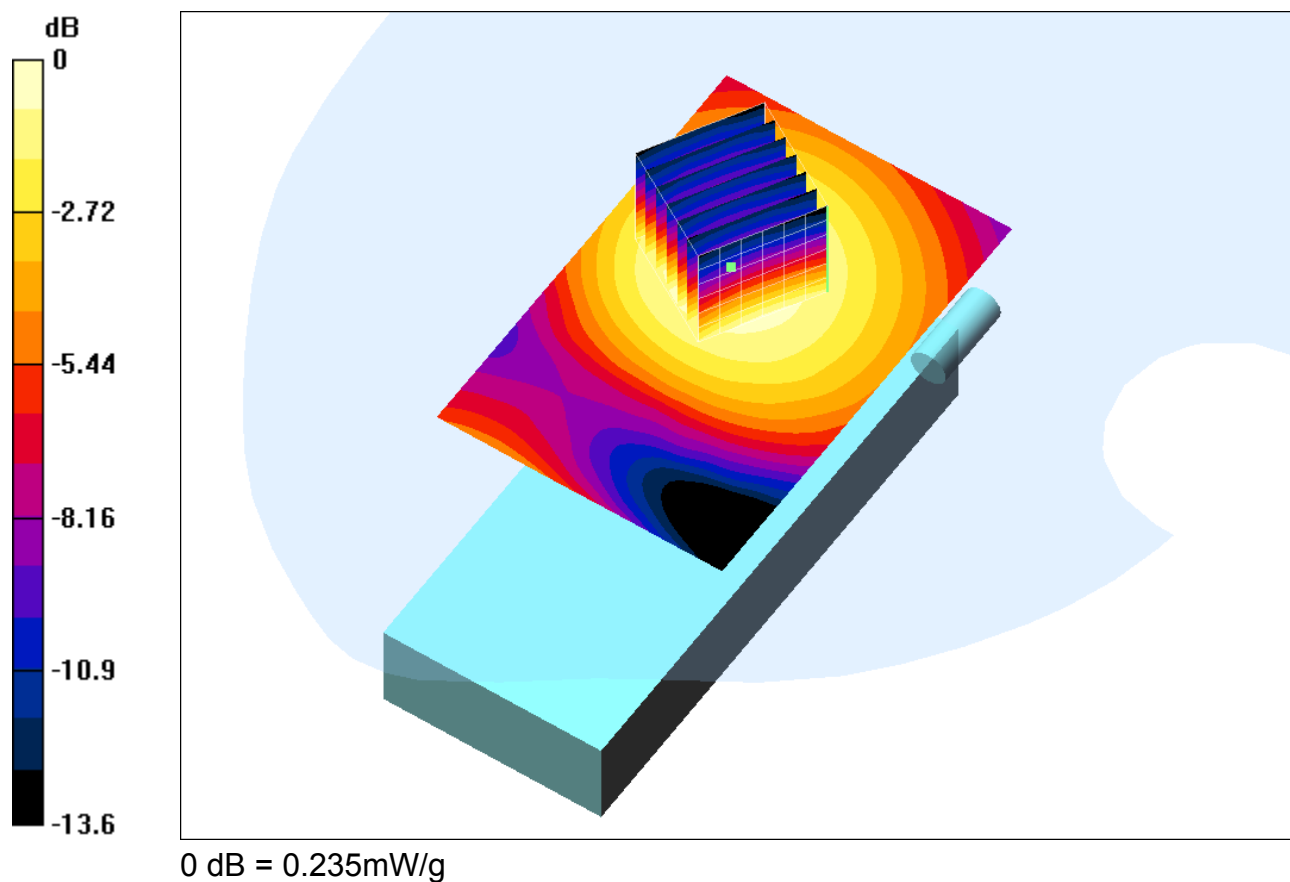
Peak SAR (extrapolated) = 0.373 W/kg

SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.141 mW/g

Reference Value = 10.7 V/m

Power Drift = 0.06 dB

Maximum value of SAR = 0.235 mW/g



Date/Time: 08/21/03 18:40:39

Test Laboratory: QUALCOMM Incorporated
 File Name: [P1528-Flat-PTT 8-21 CDMA PCS sn361.da4](#)

P1528-Flat-PTT 8-21 CDMA PCS sn361

DUT: Casper; Type: Phone; Serial: P2b-361
Program: Compliance Testing: P1528 Protocol (Flat)

Communication System: CDMA PCS; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: HSL1800 ($\sigma = 1.48682$ mho/m, $\epsilon_r = 39.3191$, $\rho = 1000$ kg/m³), Temp=22 deg. C, Humidity 58%

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1733; ConvF(5.1, 5.1, 5.1); Calibrated: 12/3/2002
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn566; Calibrated: 5/23/2003
- Phantom: SAM with CRP; Type: SAM; Serial: 001
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

PTT - High/Area Scan (61x91x1): Measurement grid: dx=12mm, dy=12mm

Reference Value = 11 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.208 mW/g

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

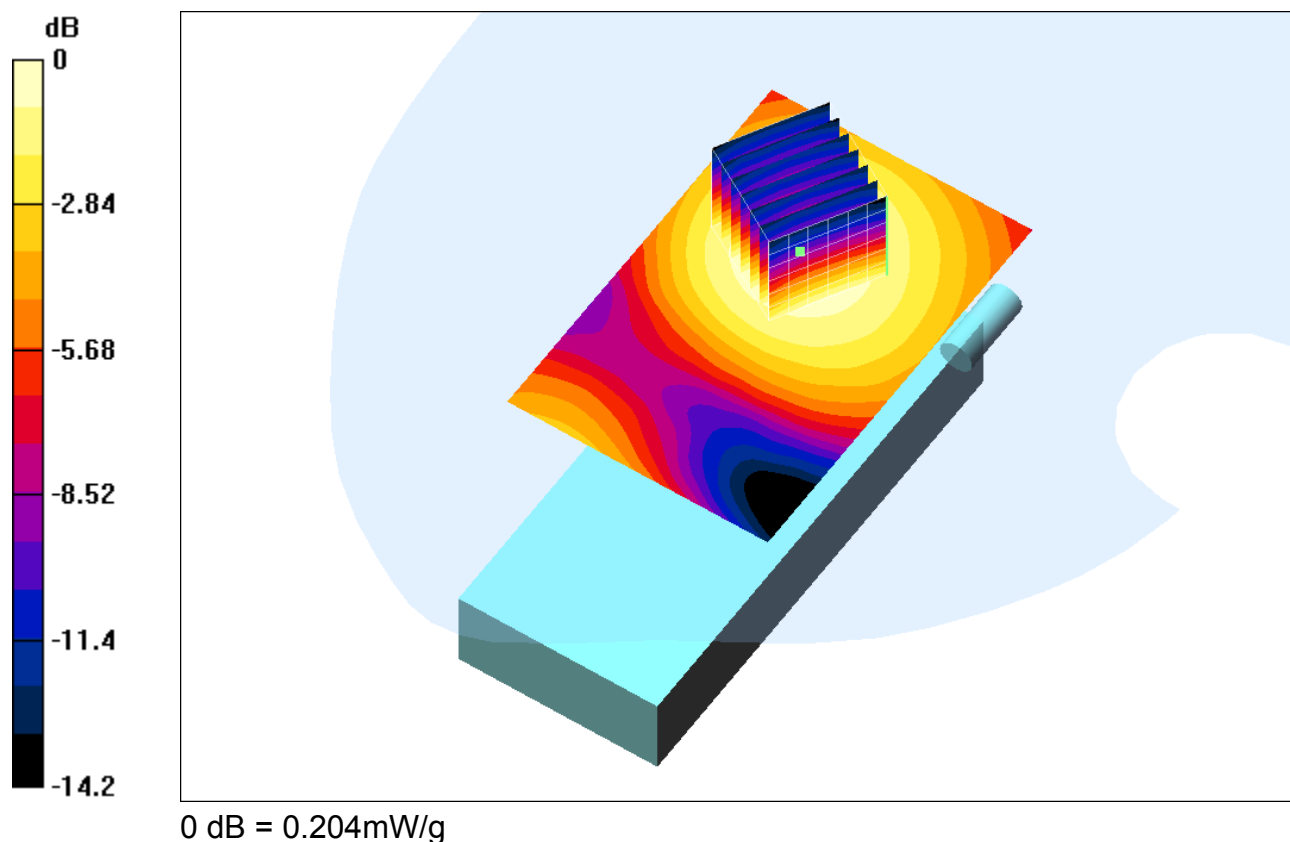
Peak SAR (extrapolated) = 0.325 W/kg

SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.122 mW/g

Reference Value = 11 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.204 mW/g



Date/Time: 09/11/03 11:32:33

Test Laboratory: QUALCOMM Incorporated
 File Name: [P1528-Flat-BeltClip 9-11 PCS sn361.da4](#)

P1528-Flat-BeltClip 9-11 PCS sn361

DUT: Casper; Type: Phone; Serial: P2b-361
Program: Compliance Testing: P1528 Protocol (Flat)

Communication System: CDMA PCS; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: M1800 body ($\sigma = 1.52585$ mho/m, $\epsilon_r = 55.7362$, $\rho = 1000$ kg/m³), Temp=22 deg. C, Humidity 54%

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1733; ConvF(5, 5, 5); Calibrated: 12/3/2002
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn566; Calibrated: 5/23/2003
- Phantom: SAM with CRP; Type: SAM; Serial: 001
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Belt Clip - Low/Area Scan (61x131x1): Measurement grid: dx=12mm, dy=12mm

Reference Value = 2.27 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.0548 mW/g

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

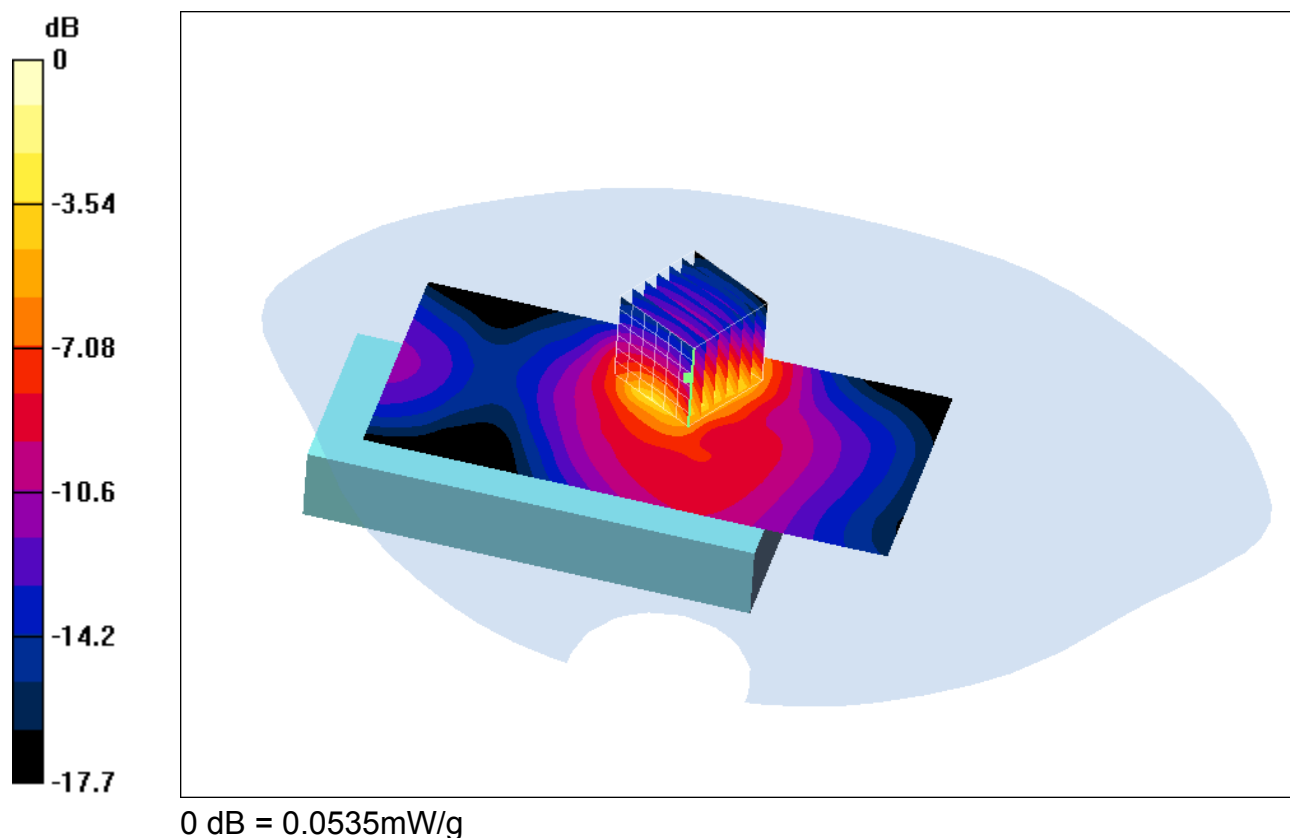
Peak SAR (extrapolated) = 0.104 W/kg

SAR(1 g) = 0.0498 mW/g; SAR(10 g) = 0.0243 mW/g

Reference Value = 2.27 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.0535 mW/g



Date/Time: 09/11/03 11:32:33

Test Laboratory: QUALCOMM Incorporated
 File Name: [P1528-Flat-BeltClip 9-11 PCS sn361.da4](#)

P1528-Flat-BeltClip 9-11 PCS sn361

DUT: Casper; Type: Phone; Serial: P2b-361
Program: Compliance Testing: P1528 Protocol (Flat)

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

Medium: M1800 body ($\sigma = 1.55437$ mho/m, $\epsilon_r = 55.577$, $\rho = 1000$ kg/m³), Temp=22 deg. C, Humidity 54%

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1733; ConvF(5, 5, 5); Calibrated: 12/3/2002
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn566; Calibrated: 5/23/2003
- Phantom: SAM with CRP; Type: SAM; Serial: 001
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Belt Clip - Middle/Area Scan (61x131x1): Measurement grid: dx=12mm, dy=12mm

Reference Value = 9.88 V/m

Power Drift = 0.001 dB

Maximum value of SAR = 0.535 mW/g

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

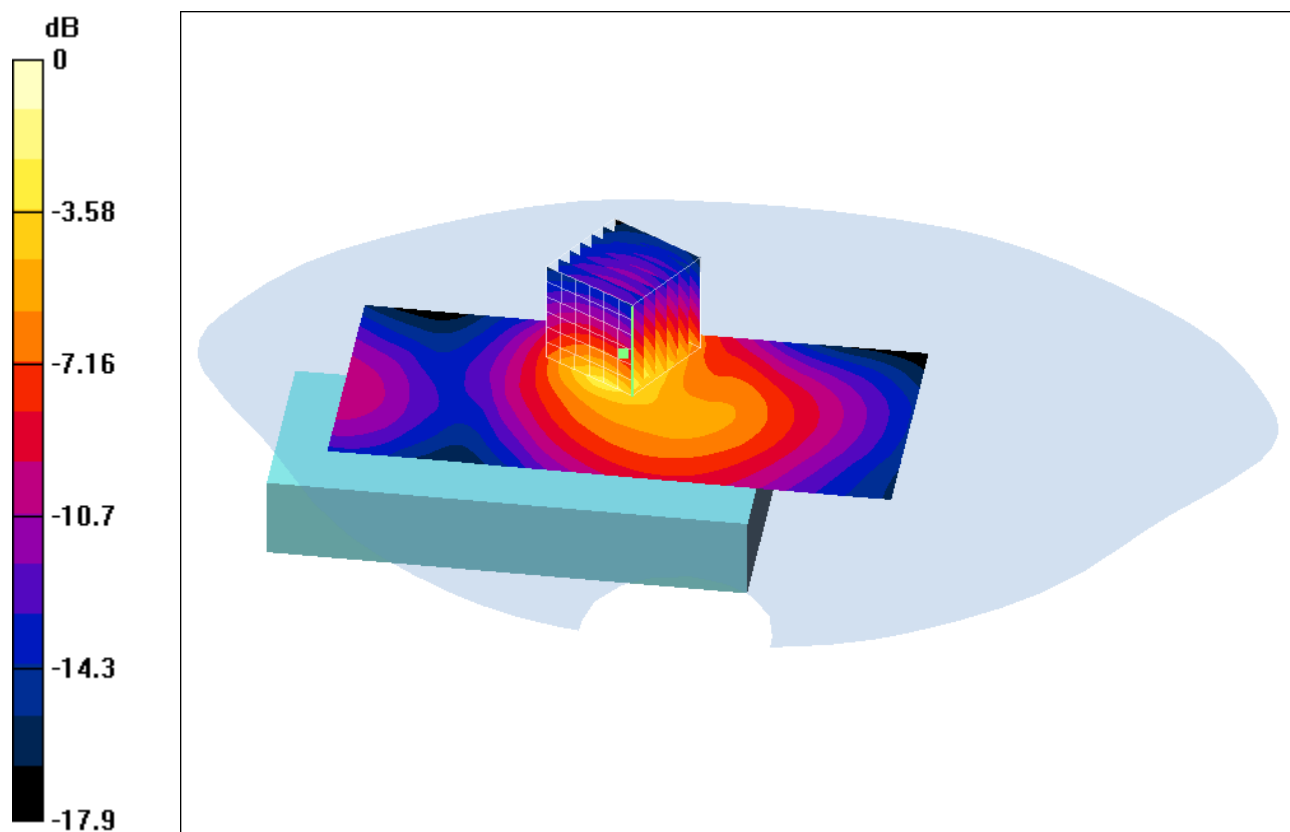
Peak SAR (extrapolated) = 0.984 W/kg

SAR(1 g) = 0.49 mW/g; SAR(10 g) = 0.246 mW/g

Reference Value = 9.88 V/m

Power Drift = 0.001 dB

Maximum value of SAR = 0.525 mW/g



0 dB = 0.525mW/g

Date/Time: 09/11/03 11:32:33

Test Laboratory: QUALCOMM Incorporated
 File Name: [P1528-Flat-BeltClip 9-11 PCS sn361.da4](#)

P1528-Flat-BeltClip 9-11 PCS sn361

DUT: Casper; Type: Phone; Serial: P2b-361
Program: Compliance Testing: P1528 Protocol (Flat)

Communication System: CDMA PCS; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: M1800 body ($\sigma = 1.58394$ mho/m, $\epsilon_r = 55.3674$, $\rho = 1000$ kg/m³), Temp=22 deg. C, Humidity 54%

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1733; ConvF(5, 5, 5); Calibrated: 12/3/2002
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn566; Calibrated: 5/23/2003
- Phantom: SAM with CRP; Type: SAM; Serial: 001
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Belt Clip - High/Area Scan (61x131x1): Measurement grid: dx=12mm, dy=12mm

Reference Value = 10 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.363 mW/g

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

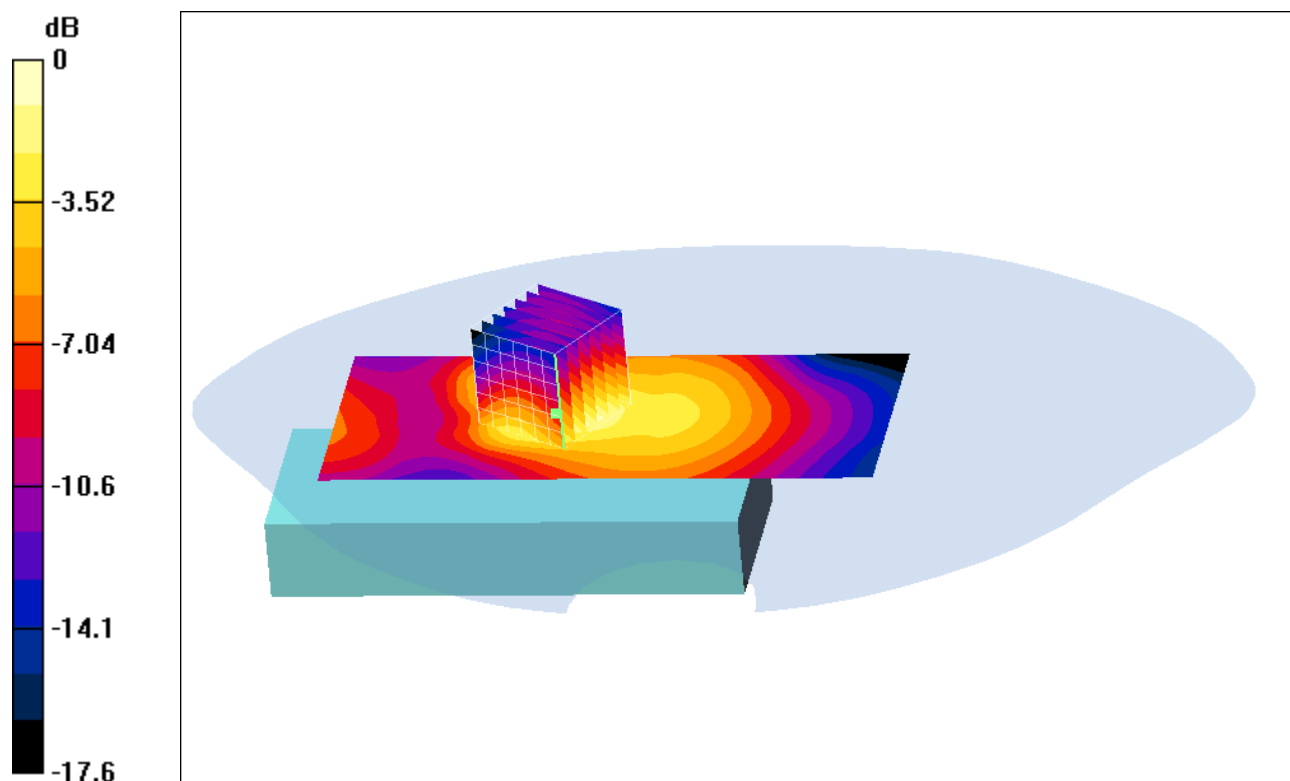
Peak SAR (extrapolated) = 0.59 W/kg

SAR(1 g) = 0.336 mW/g; SAR(10 g) = 0.194 mW/g

Reference Value = 10 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.353 mW/g



0 dB = 0.353mW/g

Date/Time: 10/30/03 11:56:43

Test Laboratory: QUALCOMM Incorporated
 File Name: [P1528-Flat-Clipless 10-29 PCS sn361.da4](#)

P1528-Flat-Clipless 10-29 PCS sn361

DUT: Casper; Type: Phone; Serial: P2b-361
Program: Compliance Testing: P1528 Protocol (Flat)

Communication System: CDMA PCS; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: M1800 body ($\sigma = 1.50234$ mho/m, $\epsilon_r = 54.6013$, $\rho = 1000$ kg/m³), Temp=22 deg. C, Humidity 53%

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1733; ConvF(5, 5, 5); Calibrated: 12/3/2002
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn566; Calibrated: 5/23/2003
- Phantom: SAM with CRP; Type: SAM; Serial: 001
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Clipless - Low/Area Scan (61x131x1): Measurement grid: dx=12mm, dy=12mm

Reference Value = 2.78 V/m

Power Drift = 0.2 dB

Maximum value of SAR = 0.0155 mW/g

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

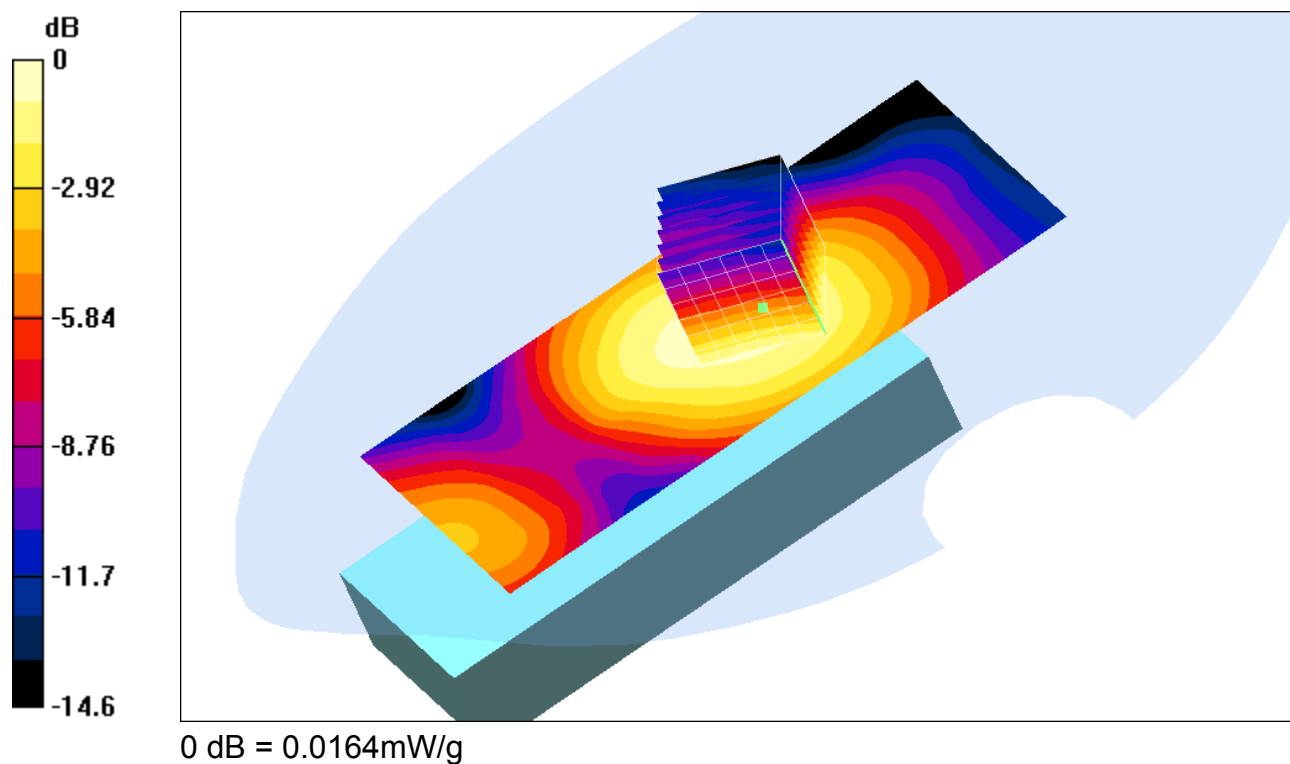
Peak SAR (extrapolated) = 0.0256 W/kg

SAR(1 g) = 0.0157 mW/g; SAR(10 g) = 0.0101 mW/g

Reference Value = 2.78 V/m

Power Drift = 0.2 dB

Maximum value of SAR = 0.0164 mW/g



Date/Time: 10/30/03 11:56:43

Test Laboratory: QUALCOMM Incorporated
 File Name: [P1528-Flat-Clipless 10-29 PCS sn361.da4](#)

P1528-Flat-Clipless 10-29 PCS sn361

DUT: Casper; Type: Phone; Serial: P2b-361
Program: Compliance Testing: P1528 Protocol (Flat)

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

Medium: M1800 body ($\sigma = 1.54516$ mho/m, $\epsilon_r = 54.5125$, $\rho = 1000$ kg/m³), Temp=22 deg. C, Humidity 53%

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1733; ConvF(5, 5, 5); Calibrated: 12/3/2002
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn566; Calibrated: 5/23/2003
- Phantom: SAM with CRP; Type: SAM; Serial: 001
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Clipless - Middle/Area Scan (61x131x1): Measurement grid: dx=12mm, dy=12mm

Reference Value = 8.87 V/m

Power Drift = 0.3 dB

Maximum value of SAR = 0.195 mW/g

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

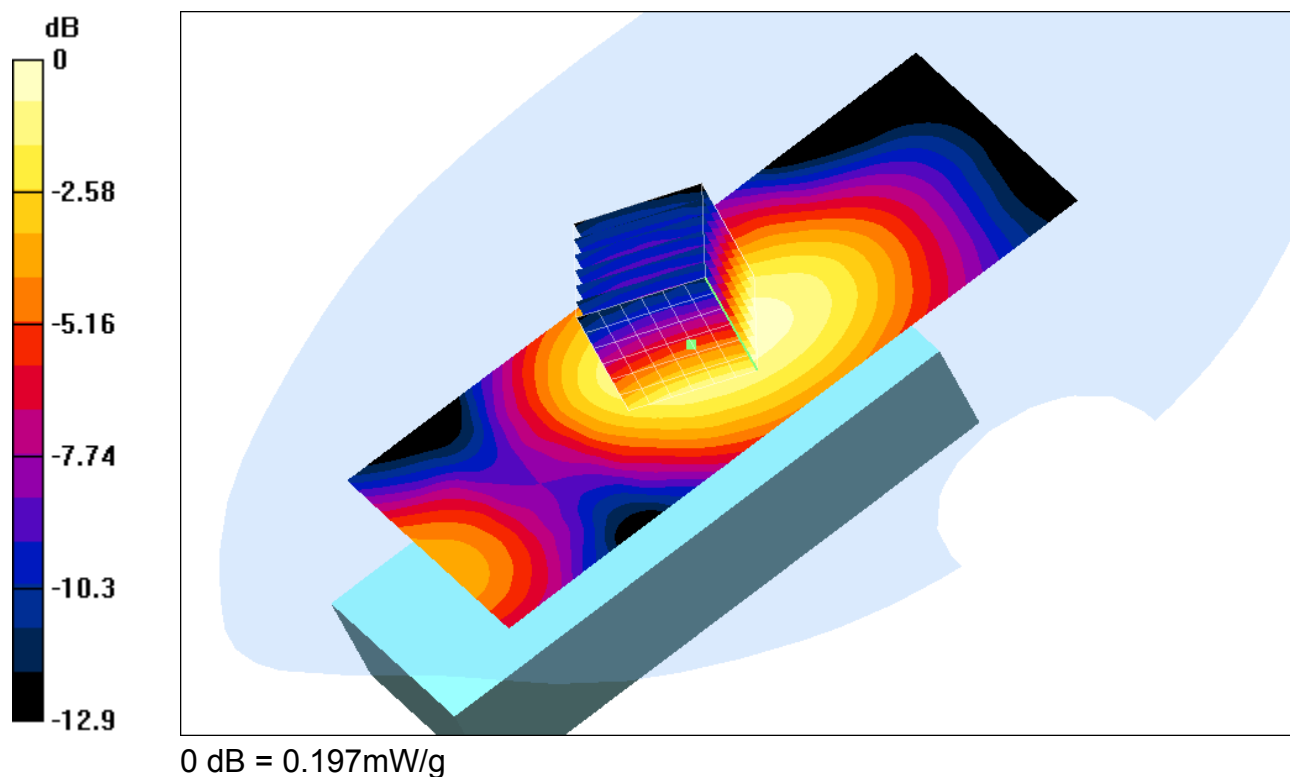
Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.122 mW/g

Reference Value = 8.87 V/m

Power Drift = 0.3 dB

Maximum value of SAR = 0.197 mW/g



Date/Time: 10/30/03 11:56:43

Test Laboratory: QUALCOMM Incorporated
 File Name: [P1528-Flat-Clipless 10-29 PCS sn361.da4](#)

P1528-Flat-Clipless 10-29 PCS sn361

DUT: Casper; Type: Phone; Serial: P2b-361
Program: Compliance Testing: P1528 Protocol (Flat)

Communication System: CDMA PCS; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: M1800 body ($\sigma = 1.58233 \text{ mho/m}$, $\epsilon_r = 54.4105$, $\rho = 1000 \text{ kg/m}^3$), Temp=22 deg. C, Humidity 53%

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1733; ConvF(5, 5, 5); Calibrated: 12/3/2002
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn566; Calibrated: 5/23/2003
- Phantom: SAM with CRP; Type: SAM; Serial: 001
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Clipless - High/Area Scan (61x131x1): Measurement grid: dx=12mm, dy=12mm

Reference Value = 9.28 V/m

Power Drift = -0.04 dB

Maximum value of SAR = 0.213 mW/g

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

Peak SAR (extrapolated) = 0.332 W/kg

SAR(1 g) = 0.202 mW/g; SAR(10 g) = 0.13 mW/g

Reference Value = 9.28 V/m

Power Drift = -0.04 dB

Maximum value of SAR = 0.21 mW/g

