Plot 1

Date/Time: 2/26/2013 11:24:01 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

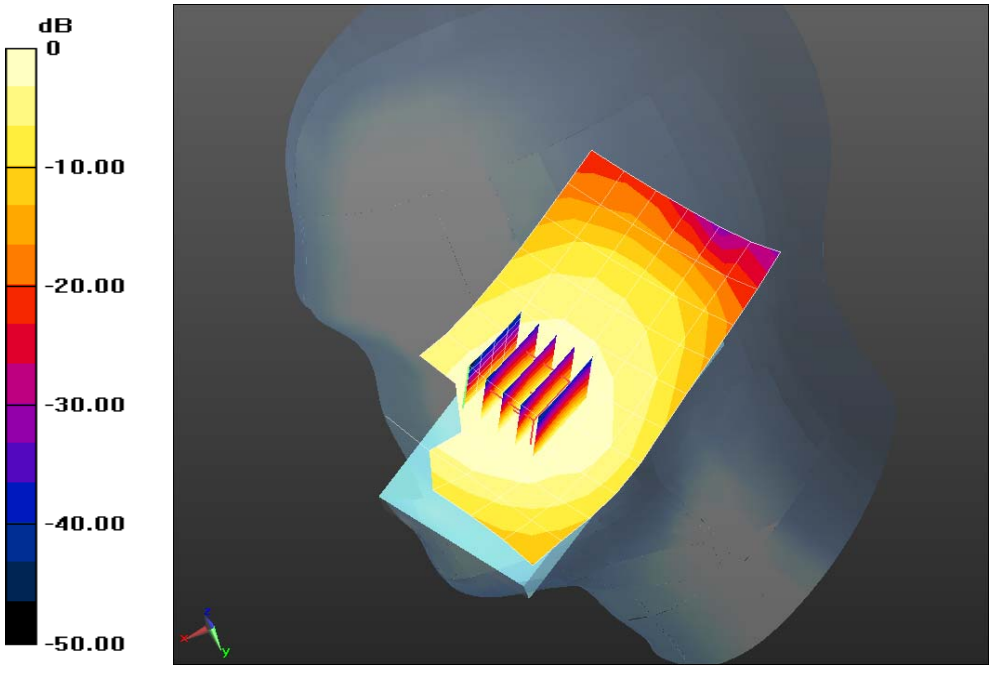
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz
Medium: HSL900_Batch 100922-1
Medium parameters used: f = 837 MHz; σ = 0.934 mho/m; ε_r = 42.725; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.4C; Medium Temperature: 20.7C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.04, 6.04, 6.04); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Right-Hand-Side/Touch Position_836.6MHz/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.240 mW/g

Right-Hand-Side/Touch Position_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.679 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.273 mW/g
SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.173 mW/g
Maximum value of SAR (measured) = 0.242 mW/g



0 dB = 0.240 mW/g = -12.40 dB mW/g

Plot 2

Date/Time: 2/26/2013 11:55:28 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

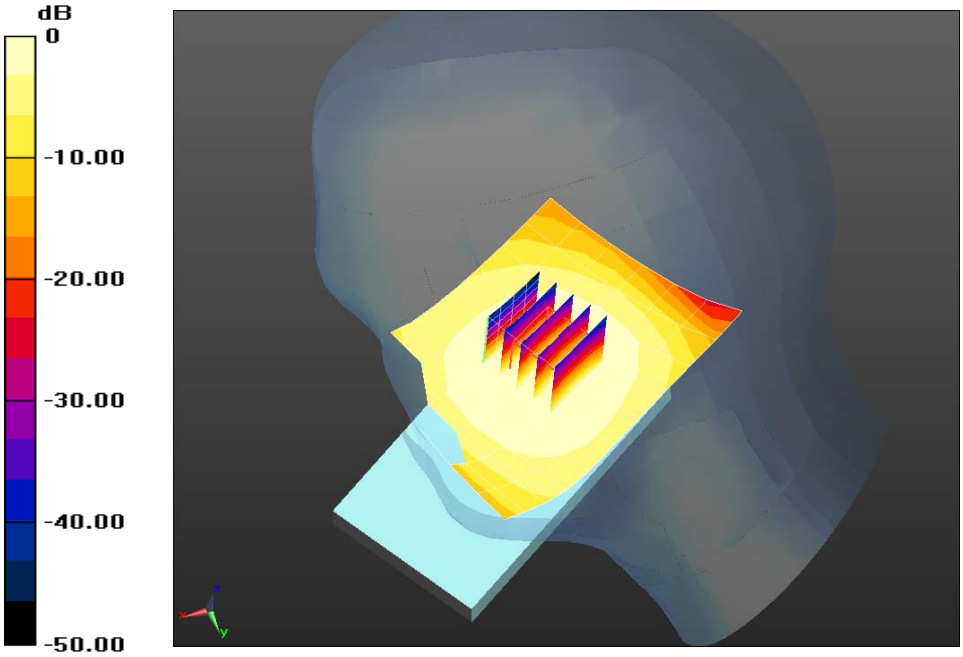
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz
Medium: HSL900_Batch 100922-1
Medium parameters used: f = 837 MHz; σ = 0.934 mho/m; ε_r = 42.725; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.7C ; Medium Temperature: 20.7C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.04, 6.04, 6.04); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Right-Hand-Side/Tilt Position_836.6MHz/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.172 mW/g

Right-Hand-Side/Tilt Position_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.904 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.194 mW/g
SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.121 mW/g
Maximum value of SAR (measured) = 0.171 mW/g



0 dB = 0.172 mW/g = -15.29 dB mW/g

Plot 3

Date/Time: 2/26/2013 2:12:23 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

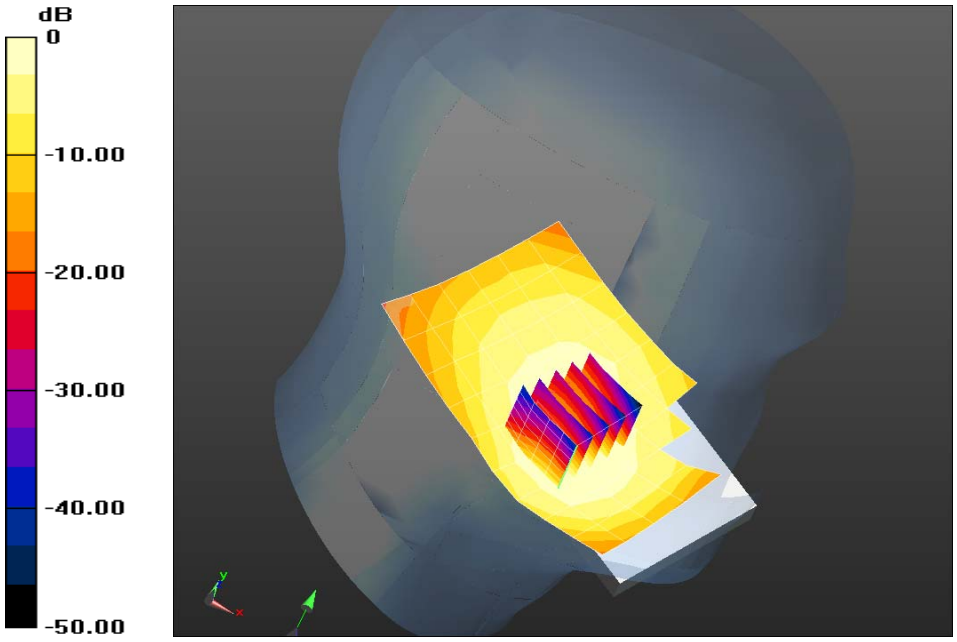
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz
Medium: HSL900_Batch 100922-1
Medium parameters used: f = 837 MHz; σ = 0.934 mho/m; ε_r = 42.725; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.5C; Medium Temperature: 20.7C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.04, 6.04, 6.04); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Left-Hand-Side/Touch Position_836.6MHz/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.340 mW/g

Left-Hand-Side/Touch Position_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.077 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.405 mW/g
SAR(1 g) = 0.320 mW/g; SAR(10 g) = 0.237 mW/g
Maximum value of SAR (measured) = 0.355 mW/g



0 dB = 0.340 mW/g = -9.36 dB mW/g

Plot 4

Date/Time: 2/27/2013 8:52:08 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

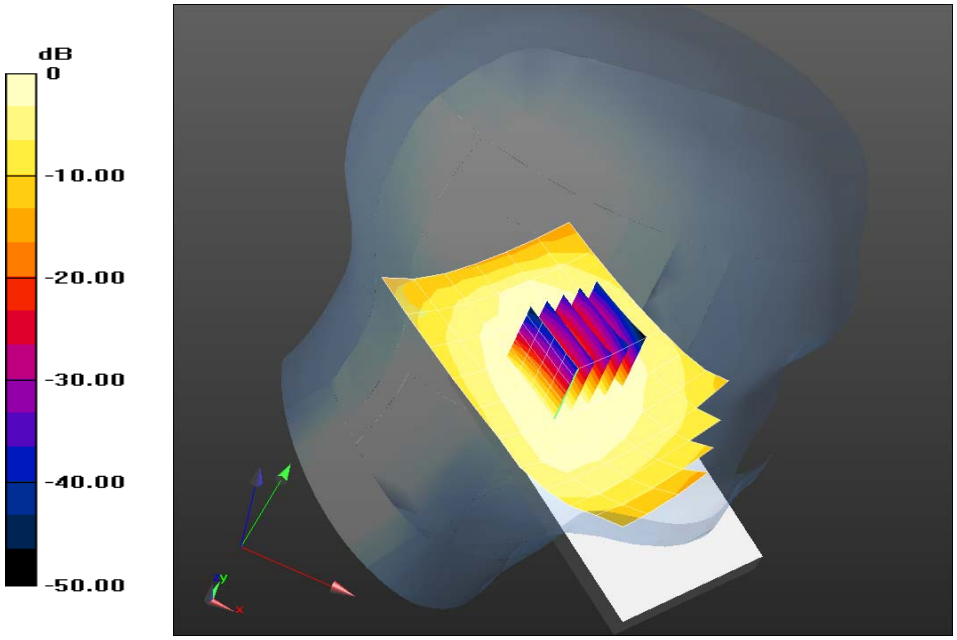
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz
Medium: HSL900_Batch 100922-1
Medium parameters used: f = 837 MHz; σ = 0.934 mho/m; ε_r = 42.725; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 20.2C; Medium Temperature: 20.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.04, 6.04, 6.04); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Left-Hand-Side/Tilt Position_836.6MHz/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.212 mW/g

Left-Hand-Side/Tilt Position_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.782 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 0.239 mW/g
SAR(1 g) = 0.195 mW/g; SAR(10 g) = 0.150 mW/g



0 dB = 0.212 mW/g = -13.46 dB mW/g

Plot 5

Date/Time: 2/26/2013 1:39:47 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

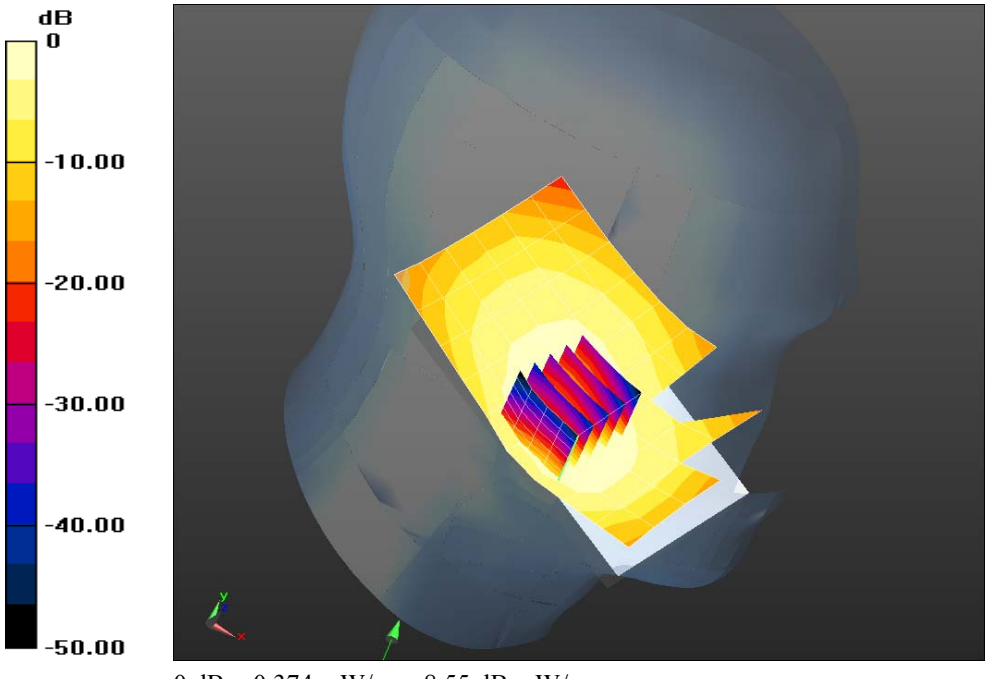
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 824 MHz
Medium: HSL900_Batch 100922-1
Medium parameters used: f = 824 MHz; σ = 0.915 mho/m; ε_r = 42.926; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.7C; Medium Temperature: 20.7C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.04, 6.04, 6.04); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Left-Hand-Side/Touch Position_Low Ch./Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.374 mW/g

Left-Hand-Side/Touch Position_Low Ch./Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.737 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.424 mW/g
SAR(1 g) = 0.337 mW/g; SAR(10 g) = 0.251 mW/g
Maximum value of SAR (measured) = 0.372 mW/g



0 dB = 0.374 mW/g = -8.55 dB mW/g

Plot 6

Date/Time: 2/26/2013 1:56:29 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

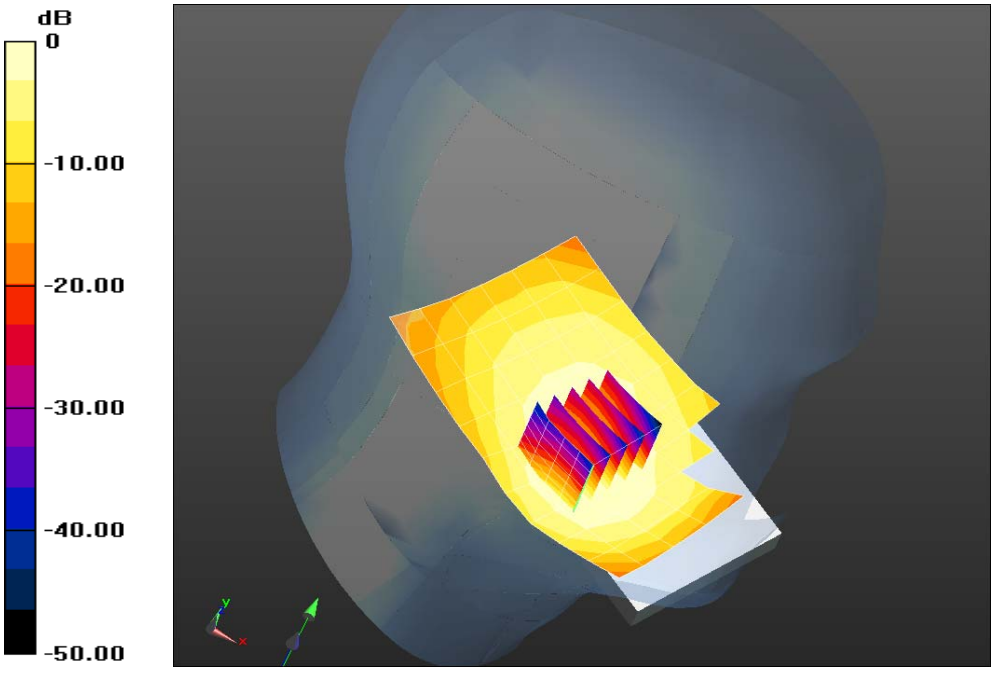
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 849 MHz
Medium: HSL900_Batch 100922-1
Medium parameters used: f = 849 MHz; σ = 0.952 mho/m; ε_r = 42.613; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.7C; Medium Temperature: 20.7C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.04, 6.04, 6.04); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Left-Hand-Side/Touch Position_High Ch./Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.348 mW/g

Left-Hand-Side/Touch Position_High Ch./Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.118 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.413 mW/g
SAR(1 g) = 0.327 mW/g; SAR(10 g) = 0.241 mW/g
Maximum value of SAR (measured) = 0.360 mW/g



0 dB = 0.348 mW/g = -9.17 dB mW/g

Plot 7

Date/Time: 3/22/2013 4:34:38 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3915-1461

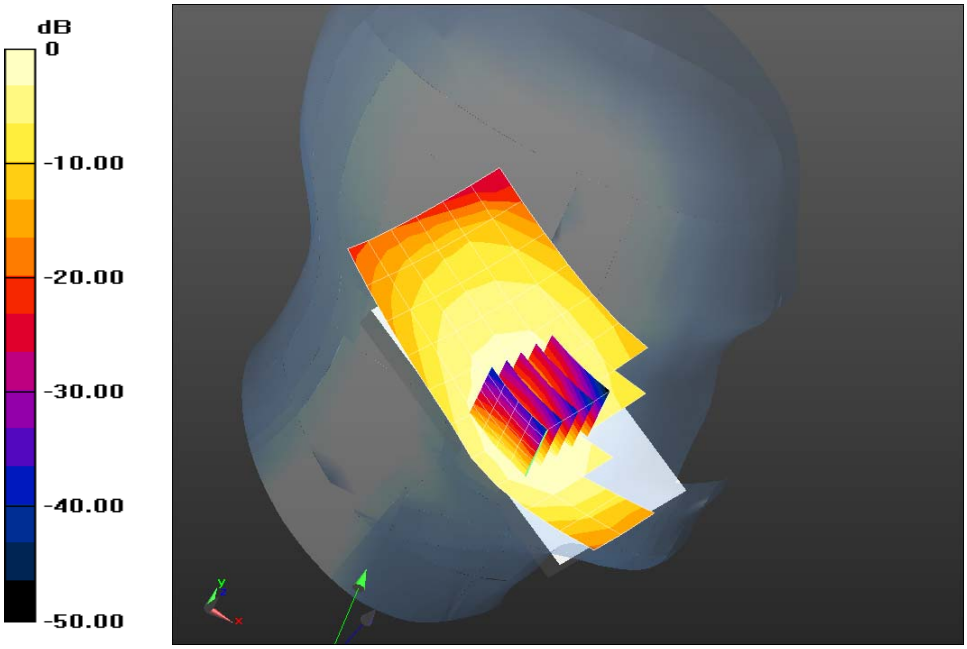
Communication System: GPRS-FDD (2 Timeslots); Frequency: 824.2 MHz
Medium: HSL900_Batch 110607-1
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.887 mho/m; ε_r = 40.818; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 22.1C; Medium Temperature: 22.0C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.2, 6.2, 6.2); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Left-Hand Side_DTM 03-22-13/Touch Position_DTM_1 PS_Lo Chnl/Area Scan (11x7x1):
Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.434 mW/g

Left-Hand Side_DTM 03-22-13/Touch Position_DTM_1 PS_Lo Chnl/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.129 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.504 mW/g
SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.288 mW/g
Info: Interpolated medium parameters used for SAR evaluation.



0 dB = 0.434 mW/g = -7.25 dB mW/g

Plot 8

Date/Time: 3/22/2013 3:47:02 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3915-1461

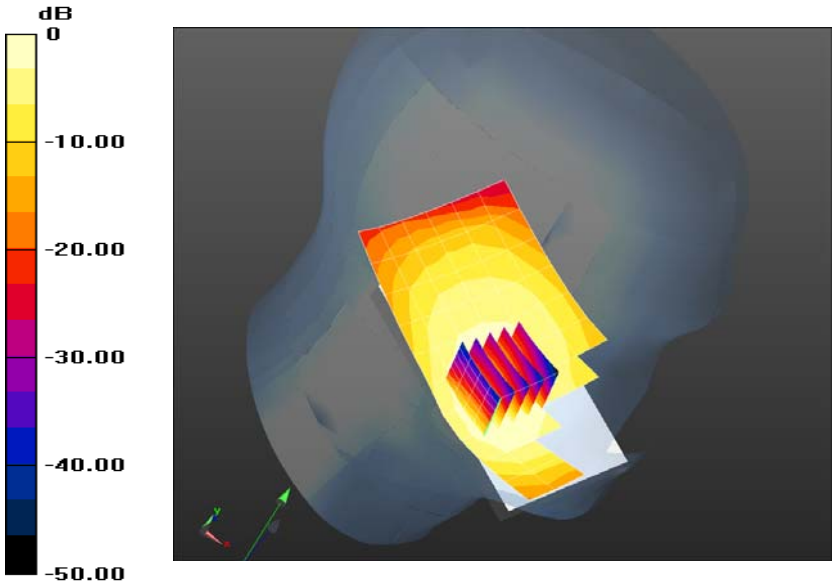
Communication System: GPRS-FDD (3 Timeslots); Frequency: 824.2 MHz
Medium: HSL900_Batch 110607-1
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.887 mho/m; ε_r = 40.818; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 22.2C; Medium Temperature: 22.0C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.2, 6.2, 6.2); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Left-Hand Side_DTM 03-22-13/Touch Position_DTM_ 2 PS_Low Chnl/Area Scan (11x7x1):
Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.359 mW/g

Left-Hand Side_DTM 03-22-13/Touch Position_DTM_ 2 PS_Low Chnl/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.240 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.413 mW/g
SAR(1 g) = 0.320 mW/g; SAR(10 g) = 0.232 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.355 mW/g



0 dB = 0.359 mW/g = -8.89 dB mW/g

Plot 9

Date/Time: 3/22/2013 3:15:43 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3915-1461

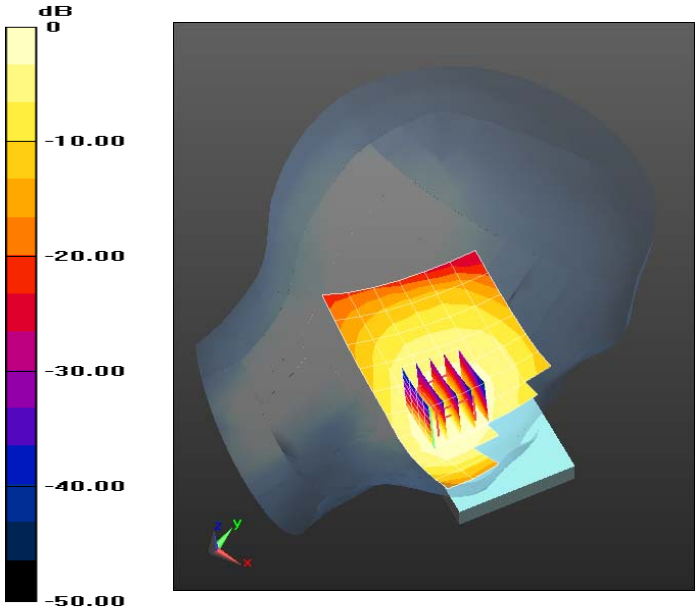
Communication System: GPRS-FDD (2 Timeslots); Frequency: 824.2 MHz
Medium: HSL900_Batch 110607-1
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.887 mho/m; ε_r = 40.818; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 22.1C; Medium Temperature: 22.0C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.2, 6.2, 6.2); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Left-Hand Side_DTM 03-22-13/Touch Position_DTM_1 PS_Lo Chnl_2nd battery/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.446 W/kg

Left-Hand Side_DTM 03-22-13/Touch Position_DTM_1 PS_Lo Chnl_2nd battery/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.072 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.507 W/kg
SAR(1 g) = 0.393 W/kg; SAR(10 g) = 0.286 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.437 W/kg



0 dB = 0.446 W/kg = -3.50 dBW/kg

Plot 10

Date/Time: 3/1/2013 11:24:14 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

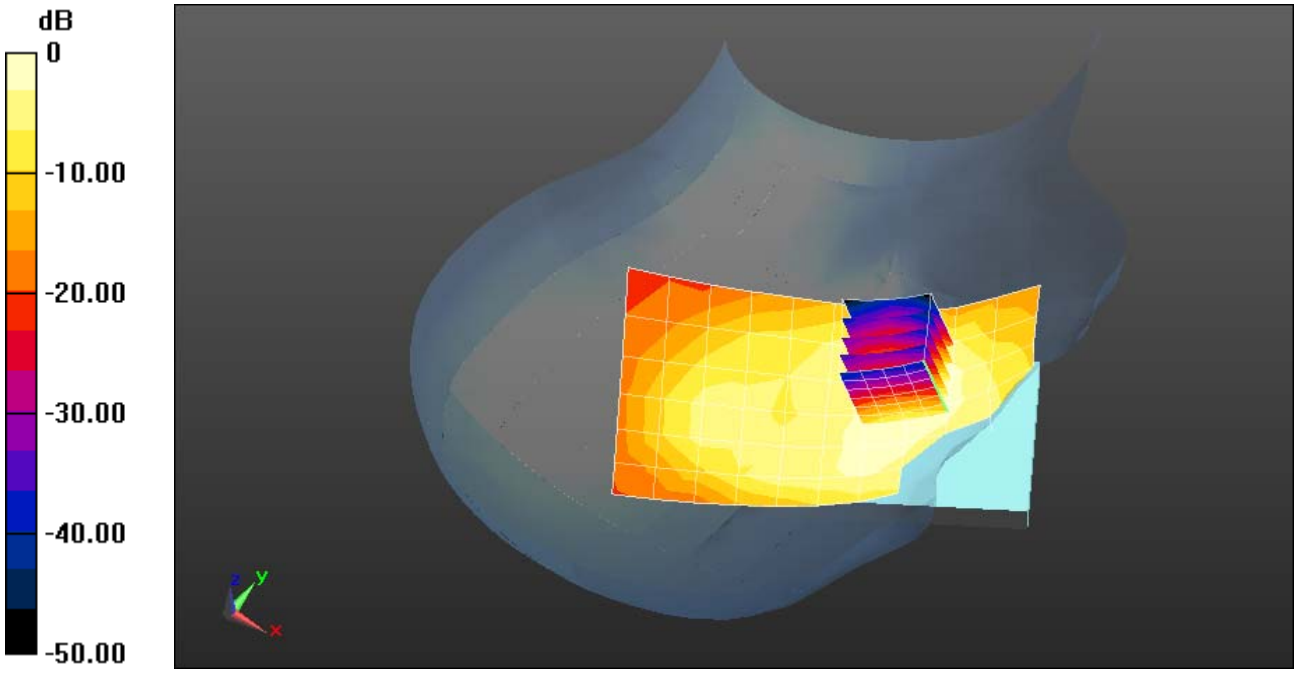
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz
Medium: HSL1900_Batch 110530-2
Medium parameters used: f = 1880 MHz; σ = 1.438 mho/m; ε_r = 38.684; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.2C; Medium Temperature: 21.8C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.07, 5.07, 5.07); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Right-Hand-Side 3-11-13/Touch Position_1880MHz/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.387 W/kg

Right-Hand-Side 3-11-13/Touch Position_1880MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.843 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.506 W/kg
SAR(1 g) = 0.356 W/kg; SAR(10 g) = 0.226 W/kg
Maximum value of SAR (measured) = 0.408 W/kg



0 dB = 0.387 W/kg = -4.12 dBW/kg

Plot 11

Date/Time: 3/1/2013 11:50:36 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

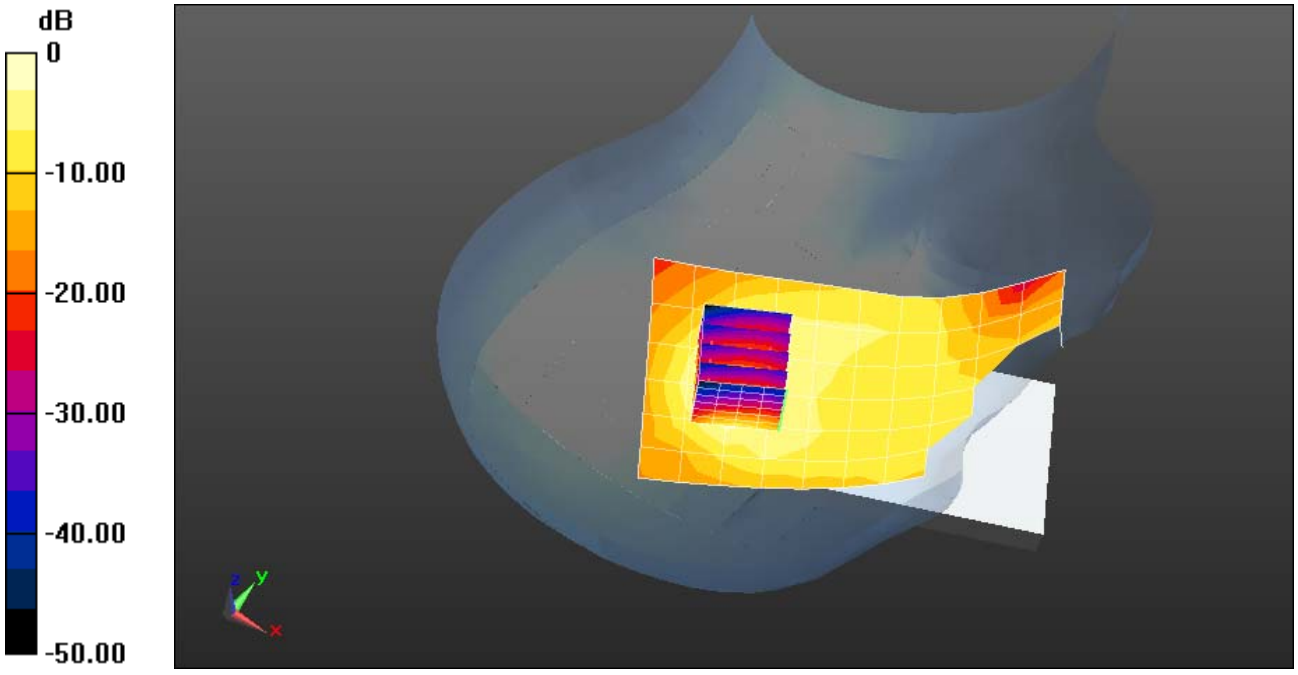
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz
Medium: HSL1900_Batch 110530-2
Medium parameters used: f = 1880 MHz; σ = 1.438 mho/m; ε_r = 38.684; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 22.0C ; Medium Temperature: 21.8C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.07, 5.07, 5.07); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Right-Hand-Side 3-11-13/Tilt Position_1880MHz/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.257 W/kg

Right-Hand-Side 3-11-13/Tilt Position_1880MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.371 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.360 W/kg
SAR(1 g) = 0.222 W/kg; SAR(10 g) = 0.126 W/kg
Maximum value of SAR (measured) = 0.263 W/kg



0 dB = 0.257 W/kg = -5.89 dBW/kg

Plot 12

Date/Time: 3/1/2013 12:19:32 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

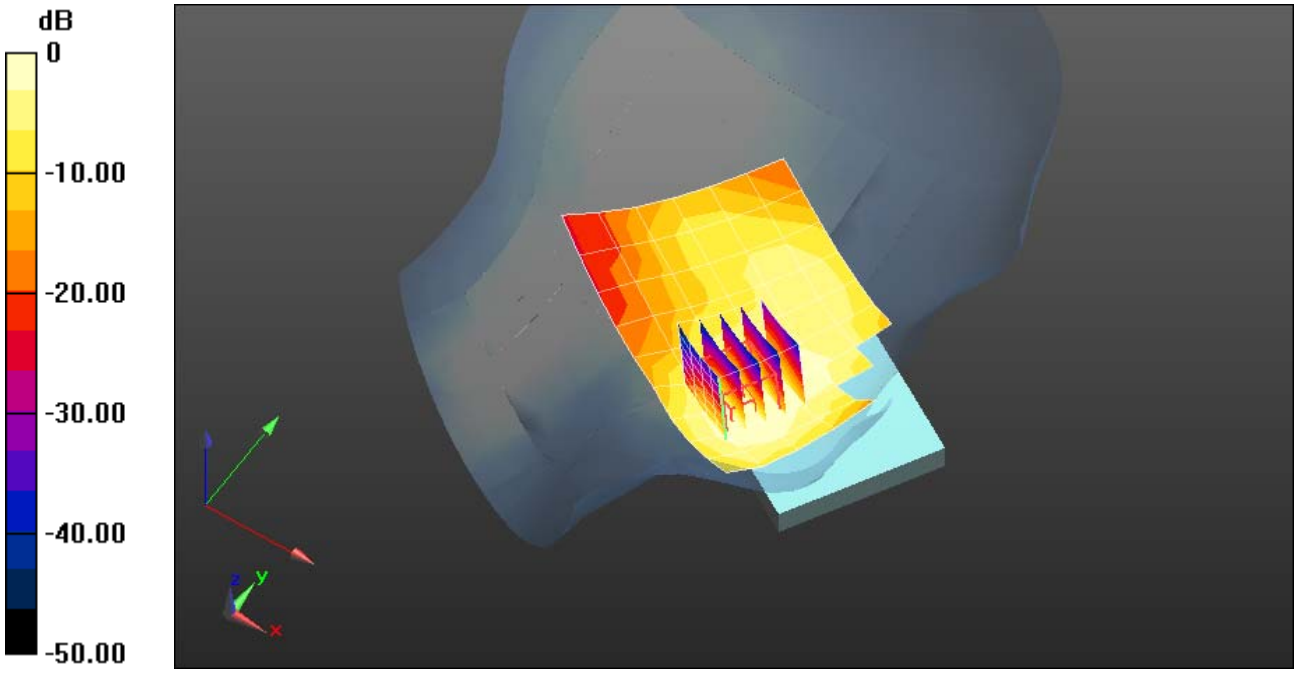
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz
Medium: HSL1900_Batch 110530-2
Medium parameters used: f = 1880 MHz; σ = 1.438 mho/m; ε_r = 38.684; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.8C; Medium Temperature: 21.8C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.07, 5.07, 5.07); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Left-Hand-Side 3-11-13/Touch Position_1880MHz/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.457 W/kg

Left-Hand-Side 3-11-13/Touch Position_1880MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.537 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.714 W/kg
SAR(1 g) = 0.417 W/kg; SAR(10 g) = 0.234 W/kg
Maximum value of SAR (measured) = 0.494 W/kg



0 dB = 0.457 W/kg = -3.40 dBW/kg

Plot 13

Date/Time: 3/1/2013 12:54:52 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

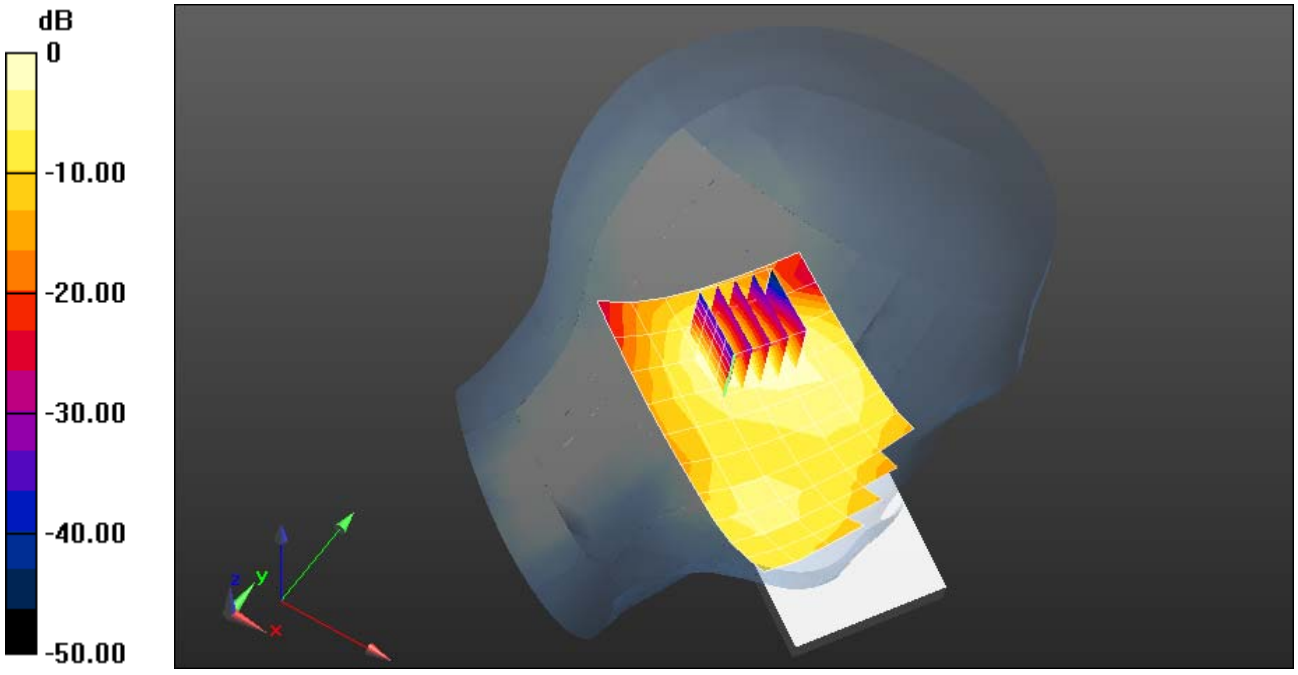
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz
Medium: HSL1900_Batch 110530-2
Medium parameters used: f = 1880 MHz; σ = 1.438 mho/m; ε_r = 38.684; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 22.0C; Medium Temperature: 21.8C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.07, 5.07, 5.07); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Left-Hand-Side 3-11-13/Tilt Position_1880MHz/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.220 W/kg

Left-Hand-Side 3-11-13/Tilt Position_1880MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.920 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.307 W/kg
SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.109 W/kg
Maximum value of SAR (measured) = 0.230 W/kg



0 dB = 0.220 W/kg = -6.58 dBW/kg

Plot 14

Date/Time: 3/1/2013 1:17:29 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

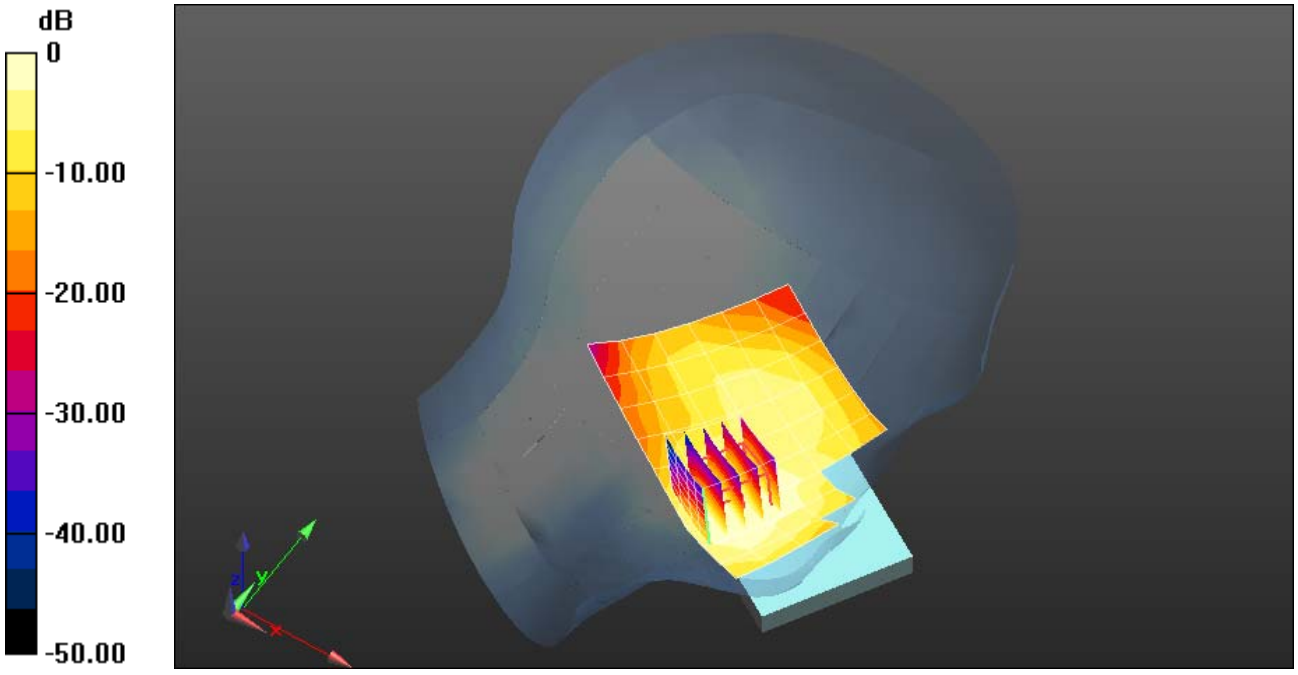
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1850 MHz
Medium: HSL1900_Batch 110530-2
Medium parameters used: f = 1850 MHz; σ = 1.394 mho/m; ε_r = 38.751; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 22.1C; Medium Temperature: 21.8C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.07, 5.07, 5.07); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Left-Hand-Side 3-11-13/Touch Position_Low Ch./Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.387 W/kg

Left-Hand-Side 3-11-13/Touch Position_Low Ch./Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.872 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.529 W/kg
SAR(1 g) = 0.340 W/kg; SAR(10 g) = 0.212 W/kg
Maximum value of SAR (measured) = 0.399 W/kg



0 dB = 0.387 W/kg = -4.13 dBW/kg

Plot 15

Date/Time: 3/1/2013 1:32:22 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

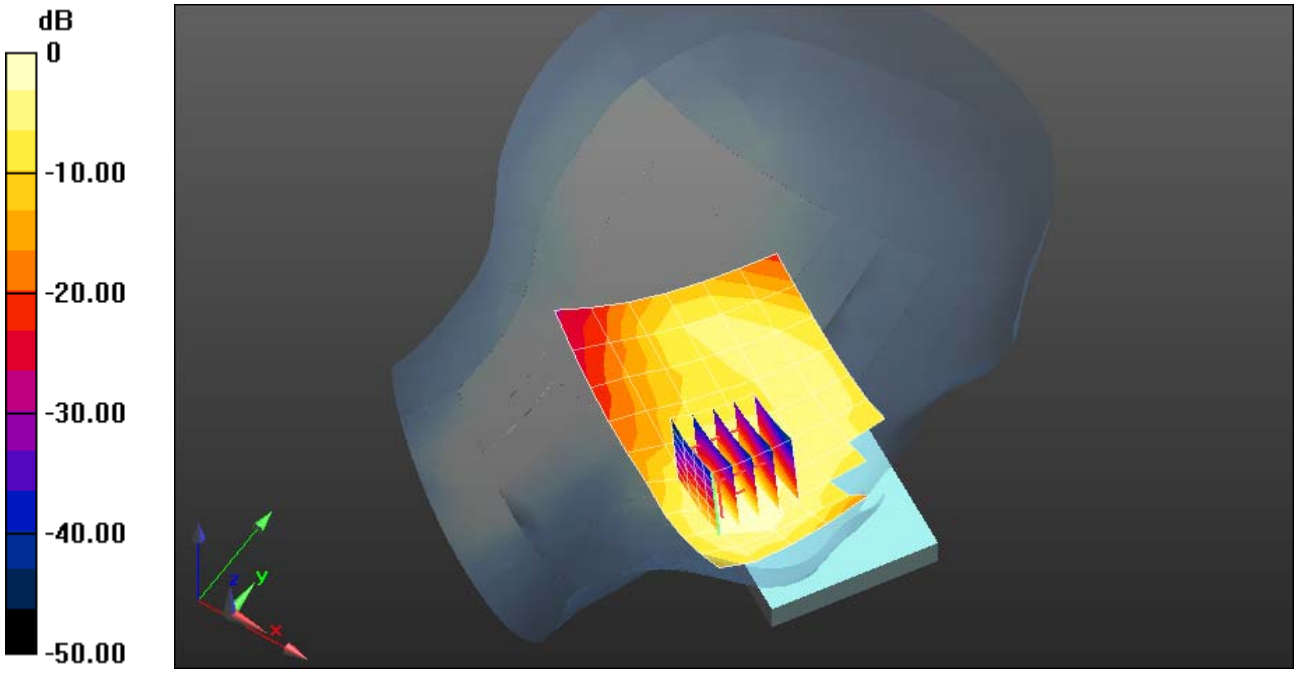
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1910 MHz
Medium: HSL1900_Batch 110530-2
Medium parameters used: f = 1910 MHz; σ = 1.458 mho/m; ε_r = 38.621; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.7C; Medium Temperature: 20.7C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.07, 5.07, 5.07); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Left-Hand-Side 3-11-13/Touch Position_High Ch./Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.621 W/kg

Left-Hand-Side 3-11-13/Touch Position_High Ch./Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.471 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.869 W/kg
SAR(1 g) = 0.521 W/kg; SAR(10 g) = 0.303 W/kg
Maximum value of SAR (measured) = 0.623 W/kg



0 dB = 0.621 W/kg = -2.07 dBW/kg

Plot 16

Date/Time: 3/12/2013 5:11:02 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

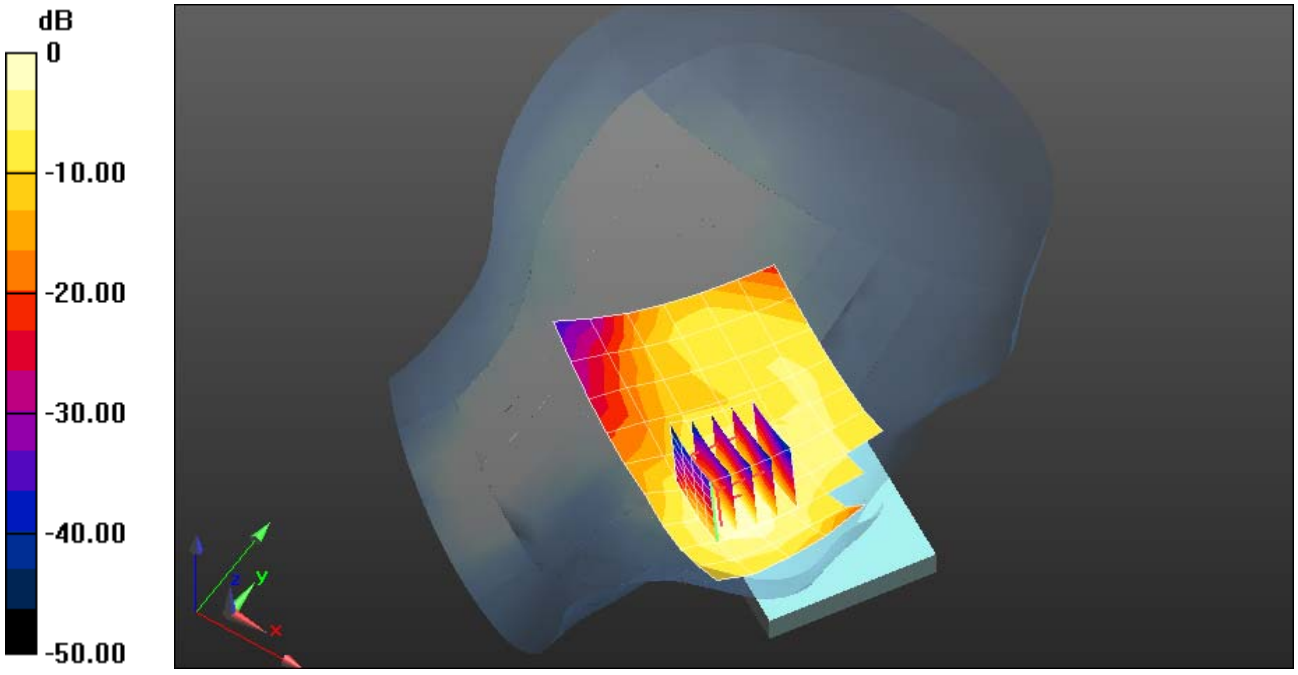
Communication System: GPRS-FDD (2 Timeslots); Frequency: 1909.8 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1910 MHz; σ = 1.407 mho/m; ε_r = 38.594; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Josie; Air Temperature: 21.9C; Medium Temperature: 23.7C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(5.09, 5.09, 5.09); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Left-hand side 3-12-13/Touch Position_High Ch._DTM_1PS slot/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.945 W/kg

Left-hand side 3-12-13/Touch Position_High Ch._DTM_1PS slot/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.480 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.758 W/kg; SAR(10 g) = 0.434 W/kg
Maximum value of SAR (measured) = 0.902 W/kg



0 dB = 0.945 W/kg = -0.25 dBW/kg

Plot 17

Date/Time: 3/12/2013 5:37:51 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

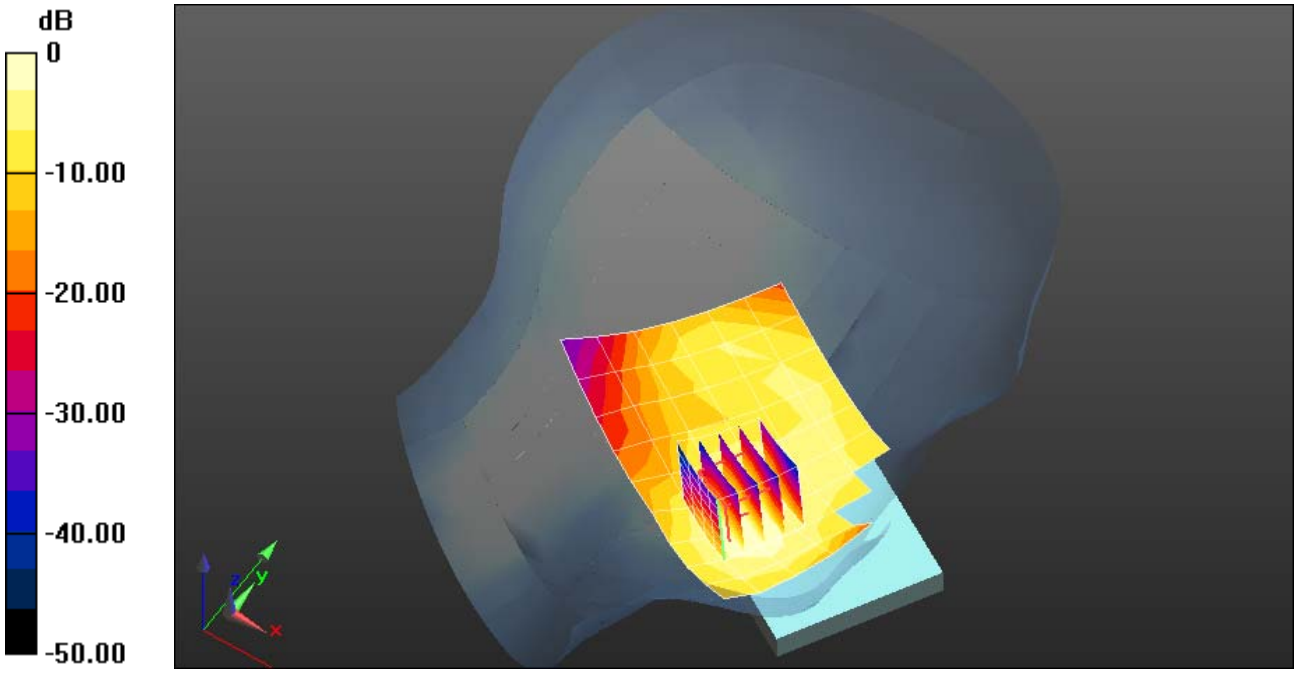
Communication System: GPRS-FDD (3 Timeslots); Frequency: 1909.8 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1910 MHz; σ = 1.407 mho/m; ε_r = 38.594; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Josie; Air Temperature: 24.2C; Medium Temperature: 23.7C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(5.09, 5.09, 5.09); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Left-hand side 3-12-13/Touch Position_High Ch._DTM_2PS slots/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.738 W/kg

Left-hand side 3-12-13/Touch Position_High Ch._DTM_2PS slots/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.890 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.989 W/kg
SAR(1 g) = 0.605 W/kg; SAR(10 g) = 0.349 W/kg
Maximum value of SAR (measured) = 0.719 W/kg



0 dB = 0.738 W/kg = -1.32 dBW/kg

Plot 18

Date/Time: 3/13/2013 10:20:10 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

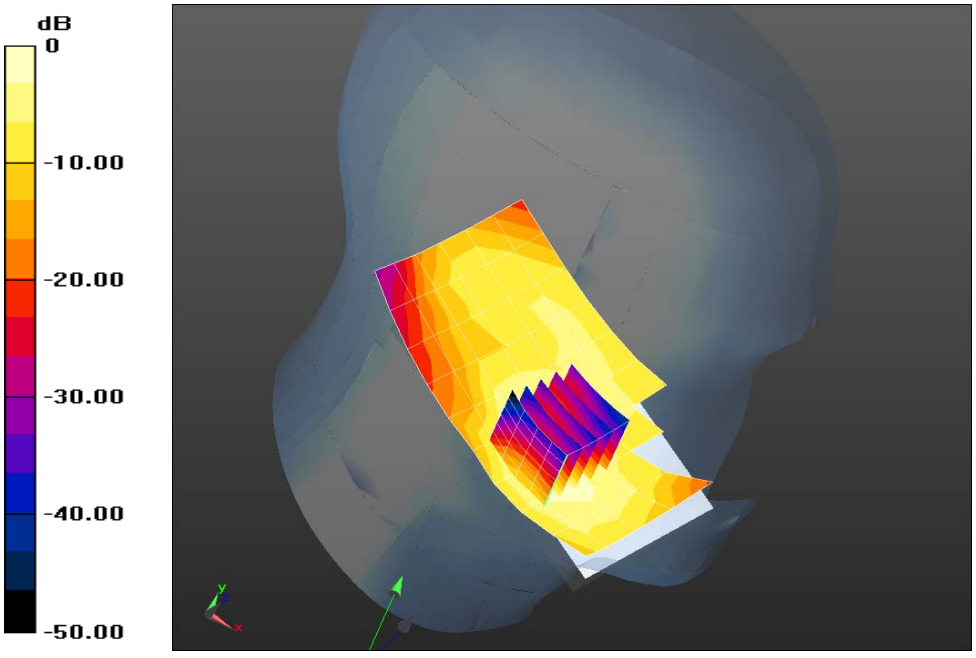
Communication System: GPRS-FDD (2 Timeslots); Frequency: 1909.8 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1910 MHz; σ = 1.407 mho/m; ε_r = 38.594; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Josie; Air Temperature: 22.8C; Medium Temperature: 23.7C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(5.09, 5.09, 5.09); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Left-hand side 3-12-13/Touch Position_High Ch._DTM_1PS slot_2nd batt 2/Area Scan (10x7x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.979 mW/g

Left-hand side 3-12-13/Touch Position_High Ch._DTM_1PS slot_2nd batt 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.769 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.339 mW/g
SAR(1 g) = 0.820 mW/g; SAR(10 g) = 0.470 mW/g
Maximum value of SAR (measured) = 0.961 mW/g



0 dB = 0.979 mW/g = -0.19 dB mW/g

Plot 19

Date/Time: 3/19/2013 2:56:00 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

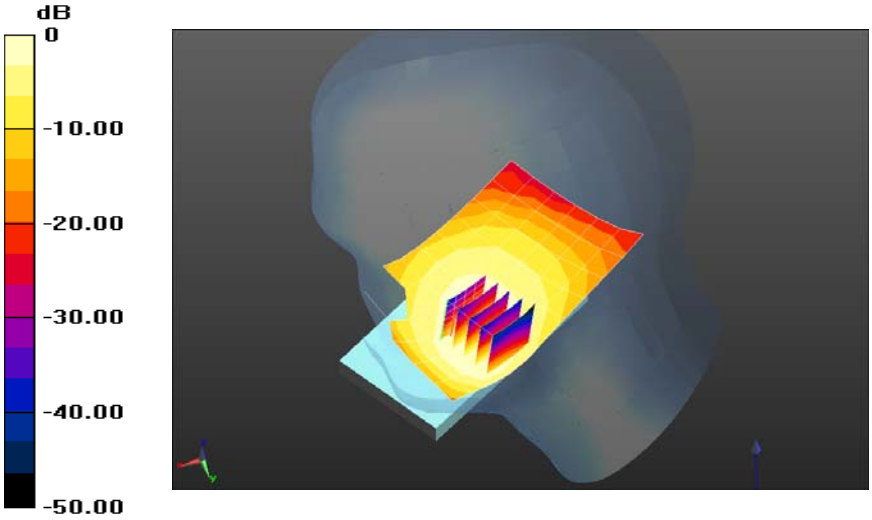
Communication System: CDMA2000 RC3; Frequency: 836.52 MHz
Medium: HSL900_Batch 110607-1
Medium parameters used: f = 837 MHz; σ = 0.915 mho/m; ε_r = 40.573; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 25.6C; Medium Temperature: 23C; Comments:
;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 9/25/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Right-Hand-Side 3-19-13 & 3-20-13/Touch Position/Area Scan (11x7x1): Measurement grid:
dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.938 mW/g

Right-Hand-Side 3-19-13 & 3-20-13/Touch Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.021 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.172 mW/g
SAR(1 g) = 0.843 mW/g; SAR(10 g) = 0.600 mW/g
Maximum value of SAR (measured) = 0.963 mW/g



0 dB = 0.938 mW/g = -0.56 dB mW/g

Plot 20

Date/Time: 3/19/2013 3:14:08 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

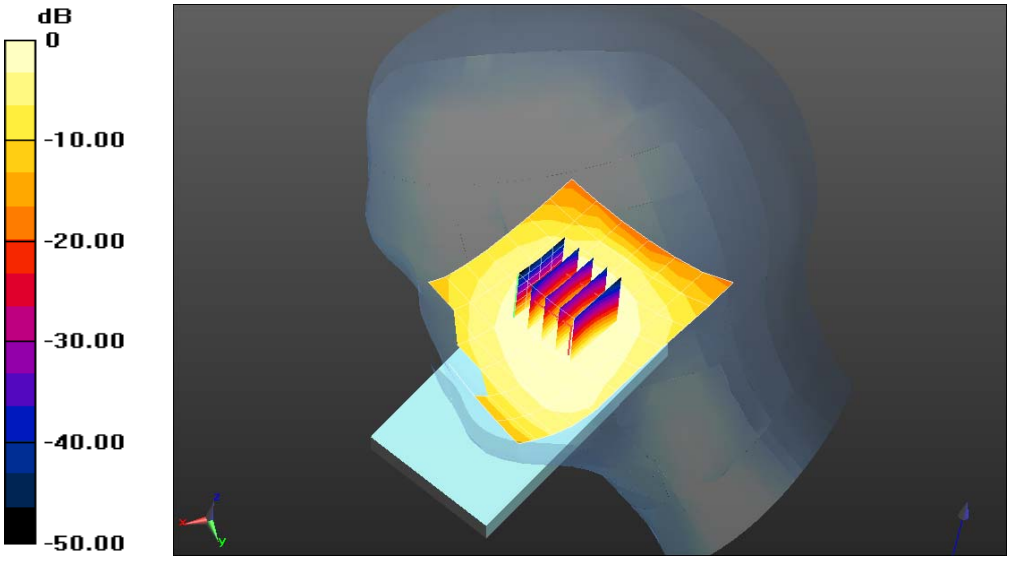
Communication System: CDMA2000 RC3; Frequency: 836.52 MHz
Medium: HSL900_Batch 110607-1
Medium parameters used: f = 837 MHz; σ = 0.915 mho/m; ε_r = 40.573; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 24.5C ; Medium Temperature: 23C; Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 9/25/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Right-Hand-Side 3-19-13 & 3-20-13/Tilt Position/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.462 mW/g

Right-Hand-Side 3-19-13 & 3-20-13/Tilt Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.527 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.544 mW/g
SAR(1 g) = 0.436 mW/g; SAR(10 g) = 0.332 mW/g
Maximum value of SAR (measured) = 0.477 mW/g



0 dB = 0.462 mW/g = -6.71 dB mW/g

Plot 21

Date/Time: 3/19/2013 3:33:55 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

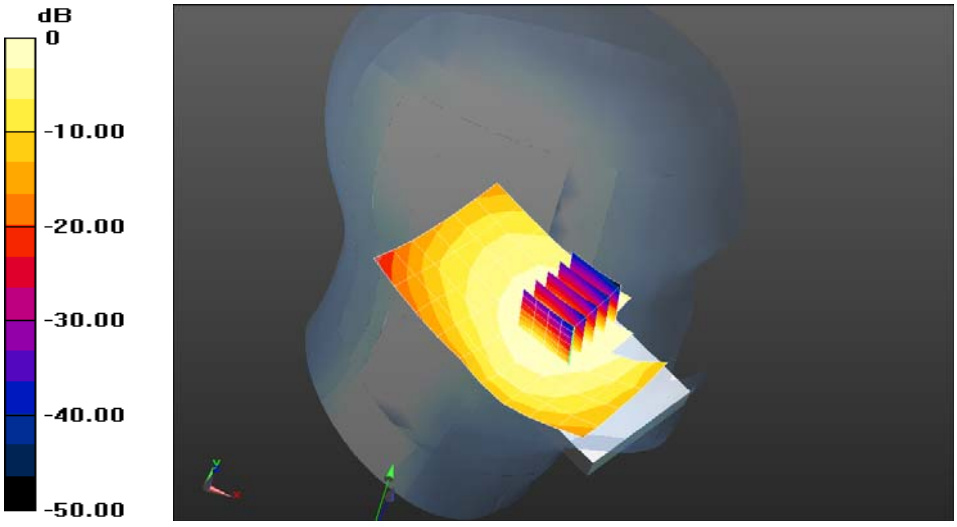
Communication System: CDMA2000 RC3; Frequency: 836.52 MHz
Medium: HSL900_Batch 110607-1
Medium parameters used: f = 837 MHz; σ = 0.915 mho/m; ε_r = 40.573; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 23.2C; Medium Temperature: 23C; Comments:
;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 9/25/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Left-Hand-Side/Touch Position_836.6MHz/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.599 mW/g

Left-Hand-Side/Touch Position_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.441 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.692 mW/g
SAR(1 g) = 0.531 mW/g; SAR(10 g) = 0.403 mW/g
Maximum value of SAR (measured) = 0.582 mW/g



0 dB = 0.599 mW/g = -4.46 dB mW/g

Plot 22

Date/Time: 3/20/2013 9:51:44 AM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

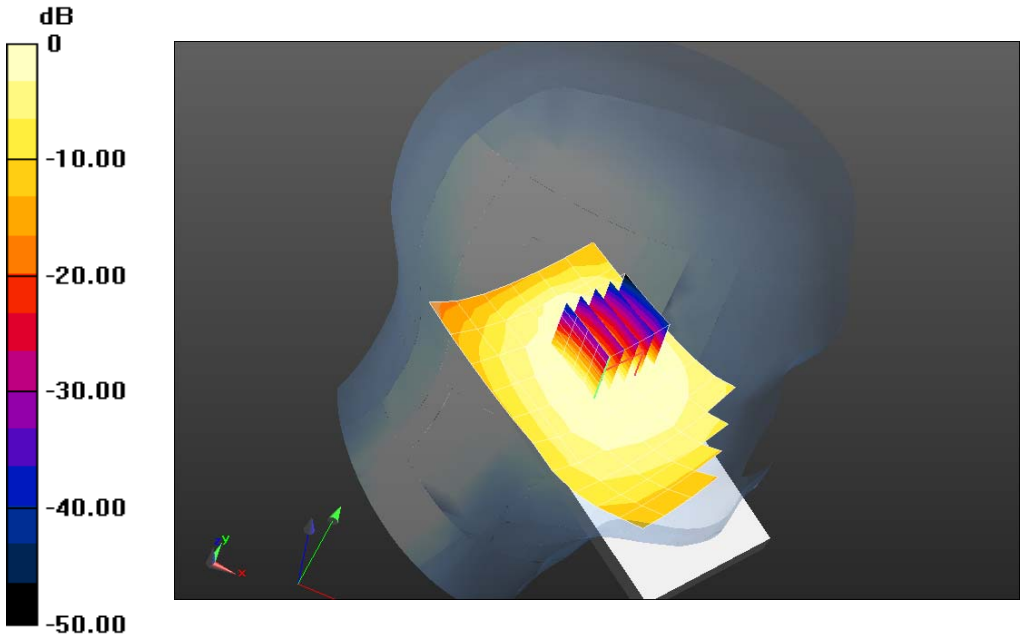
Communication System: CDMA2000 RC3; Frequency: 836.52 MHz
Medium: HSL900_Batch 110607-1
Medium parameters used: f = 837 MHz; σ = 0.915 mho/m; ε_r = 40.573; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 22.3C; Medium Temperature: 23C; Comments:
;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 9/25/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Left-Hand-Side/Tilt Position/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.434 mW/g

Left-Hand-Side/Tilt Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.845 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.530 mW/g
SAR(1 g) = 0.412 mW/g; SAR(10 g) = 0.310 mW/g
Maximum value of SAR (measured) = 0.451 mW/g



0 dB = 0.434 mW/g = -7.24 dB mW/g

Plot 23

Date/Time: 3/20/2013 10:33:42 AM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

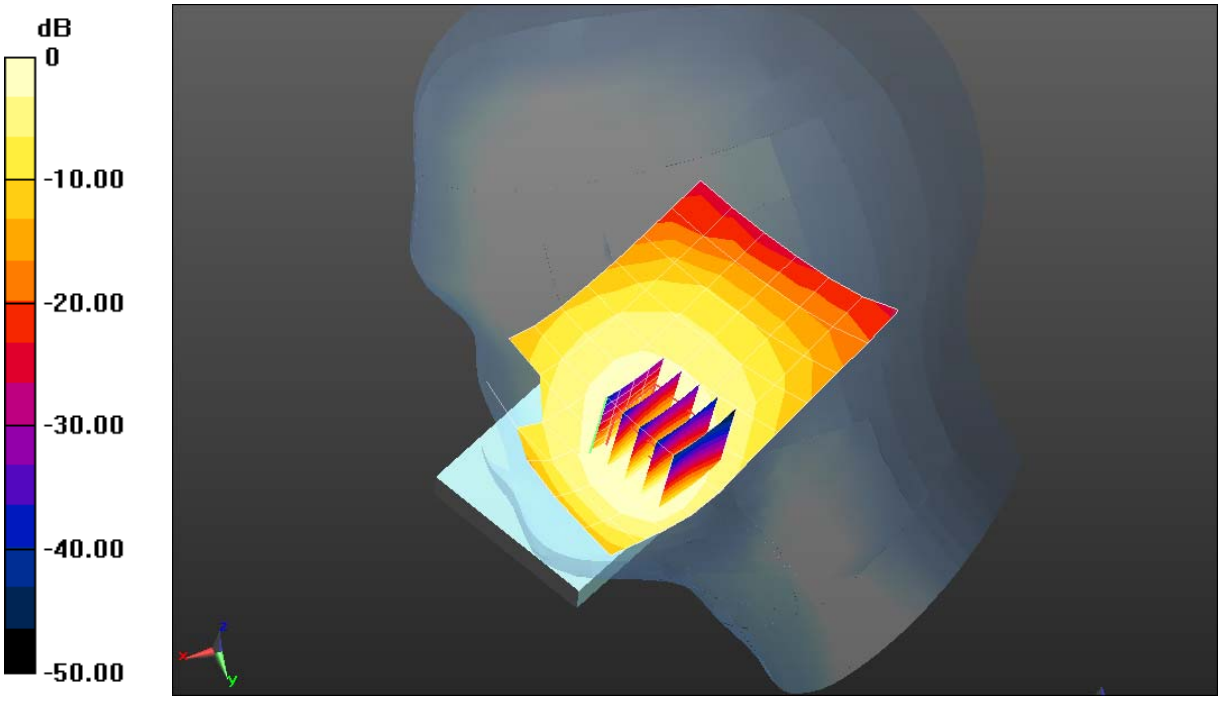
Communication System: CDMA RC3; Frequency: 824.7 MHz
Medium: HSL900_Batch 110607-1
Medium parameters used: f = 825 MHz; σ = 0.902 mho/m; ε_r = 40.731; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 23.9C; Medium Temperature: 23C; Comments:
;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 9/25/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Right-Hand-Side 3-19-13 & 3-20-13/Touch Position Low Chnl/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.852 mW/g

Right-Hand-Side 3-19-13 & 3-20-13/Touch Position Low Chnl/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.877 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.030 mW/g
SAR(1 g) = 0.760 mW/g; SAR(10 g) = 0.553 mW/g



0 dB = 0.852 mW/g = -1.39 dB mW/g

Plot 24

Date/Time: 3/20/2013 10:49:57 AM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

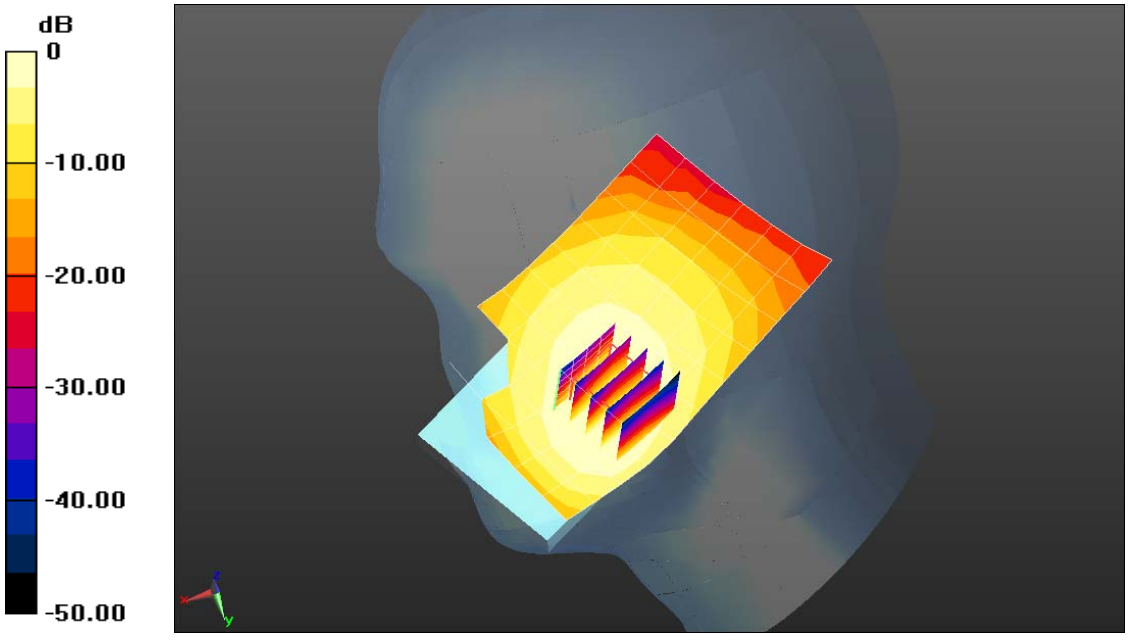
Communication System: CDMA RC3; Frequency: 848.31 MHz
Medium: HSL900_Batch 110607-1
Medium parameters used (interpolated): f = 848.31 MHz; σ = 0.926 mho/m; ε_r = 40.425; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 24C; Medium Temperature: 23C; Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 9/25/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Right-Hand-Side 3-19-13 & 3-20-13/Touch Position High Chnl/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.890 mW/g

Right-Hand-Side 3-19-13 & 3-20-13/Touch Position High Chnl/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.338 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.111 mW/g
SAR(1 g) = 0.818 mW/g; SAR(10 g) = 0.593 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.916 mW/g



0 dB = 0.890 mW/g = -1.01 dB mW/g

Plot 25

Date/Time: 3/20/2013 11:45:01 AM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

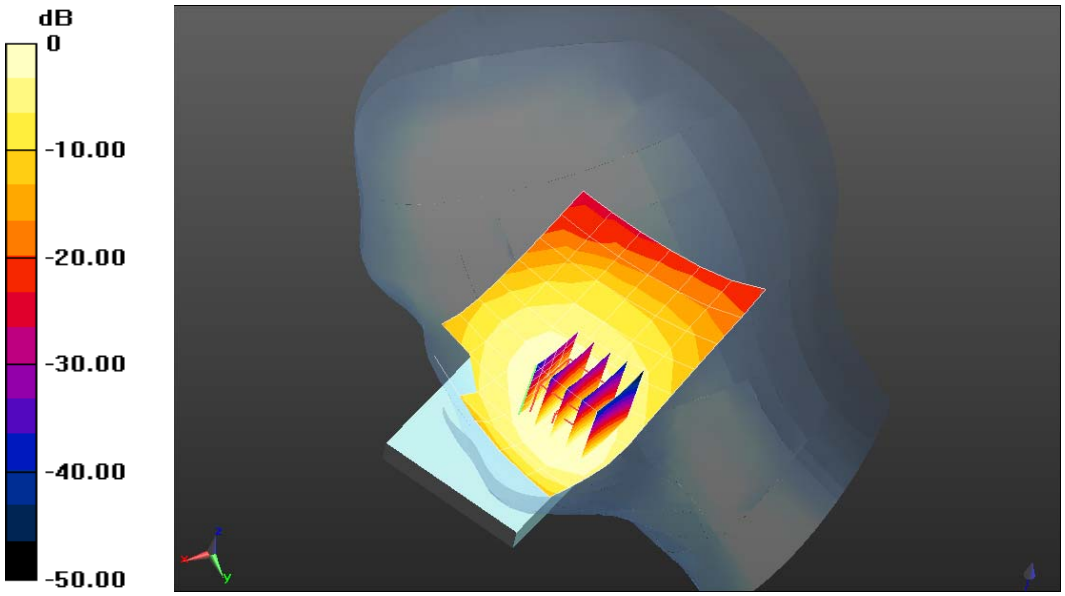
Communication System: CDMA2000 RC3; Frequency: 836.52 MHz
Medium: HSL900_Batch 110607-1
Medium parameters used: f = 837 MHz; σ = 0.915 mho/m; ε_r = 40.573; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 24.5C; Medium Temperature: 23C; Comments:
;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 9/25/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Right-Hand-Side 3-19-13 & 3-20-13/Touch Position_2nd battery/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.828 mW/g

Right-Hand-Side 3-19-13 & 3-20-13/Touch Position_2nd battery/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.160 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.945 mW/g
SAR(1 g) = 0.703 mW/g; SAR(10 g) = 0.517 mW/g
Maximum value of SAR (measured) = 0.783 mW/g



0 dB = 0.828 mW/g = -1.64 dB mW/g

Plot 26

Date/Time: 3/11/2013 10:51:43 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

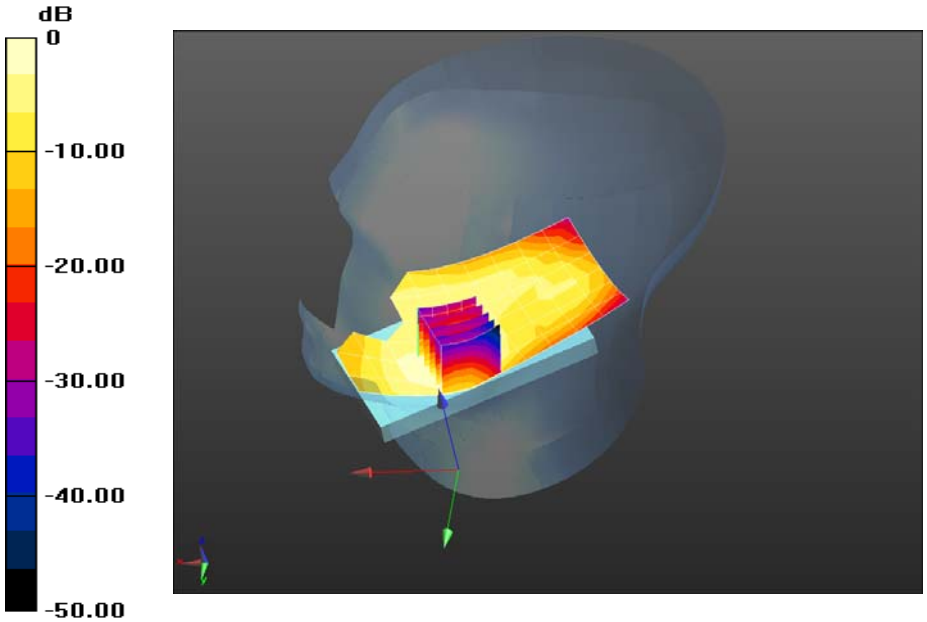
Communication System: CDMA RC3; Frequency: 1880 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1880 MHz; σ = 1.451 mho/m; ε_r = 39.18; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 22.5C; Medium Temperature: 22.2C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(5.09, 5.09, 5.09); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Right-Hand-Side/Touch Position/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.22 mW/g

Right-Hand-Side/Touch Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.986 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.714 mW/g
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.616 mW/g
Maximum value of SAR (measured) = 1.26 mW/g



0 dB = 1.22 mW/g = 1.69 dB mW/g

Plot 27

Date/Time: 3/11/2013 11:10:43 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

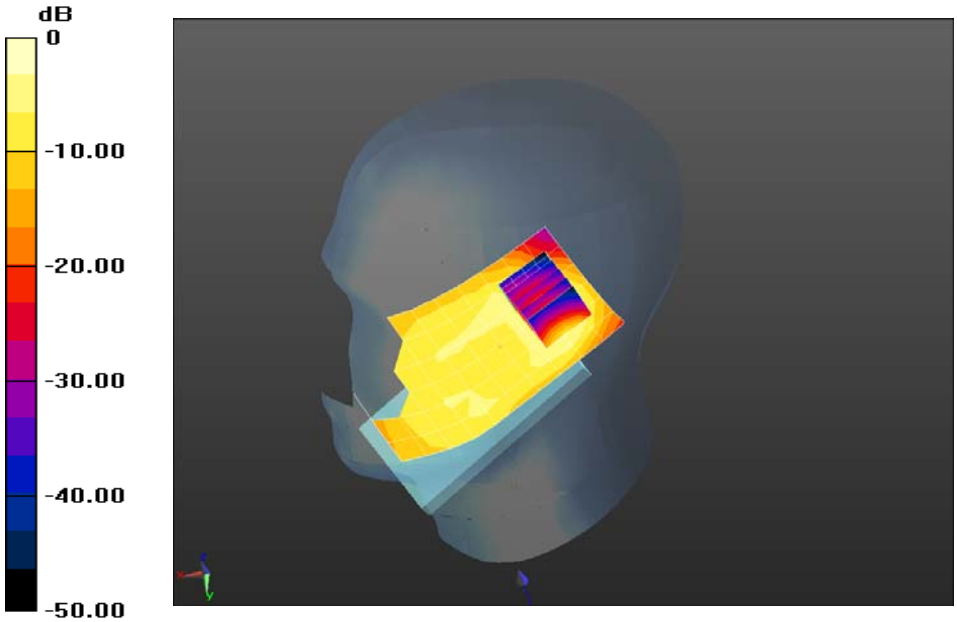
Communication System: CDMA RC3; Frequency: 1880 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1880 MHz; σ = 1.451 mho/m; ε_r = 39.18; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 22.8C ; Medium Temperature: 22.2C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(5.09, 5.09, 5.09); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Right-Hand-Side/Tilt Position/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.820 mW/g

Right-Hand-Side/Tilt Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.164 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.261 mW/g
SAR(1 g) = 0.745 mW/g; SAR(10 g) = 0.410 mW/g
Maximum value of SAR (measured) = 0.932 mW/g



0 dB = 0.820 mW/g = -1.73 dB mW/g

Plot 28

Date/Time: 3/11/2013 11:41:12 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

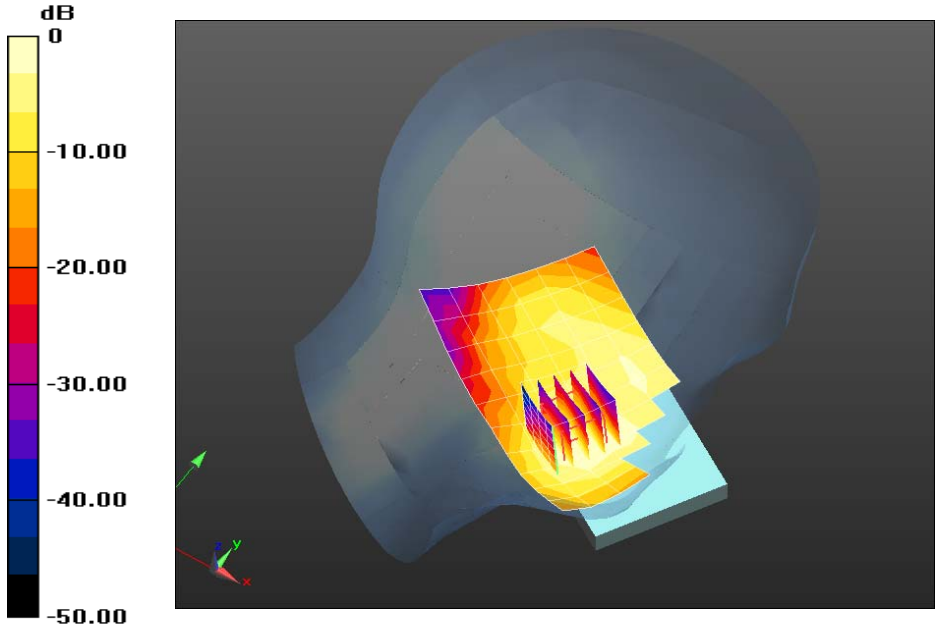
Communication System: CDMA RC3; Frequency: 1880 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1880 MHz; σ = 1.451 mho/m; ε_r = 39.18; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 22.7C; Medium Temperature: 22.2C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(5.09, 5.09, 5.09); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Left-Hand-Side 3-11-13/Touch Position_1880MHz/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.18 W/kg

Left-Hand-Side 3-11-13/Touch Position_1880MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.380 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.639 W/kg
Maximum value of SAR (measured) = 1.30 W/kg



0 dB = 1.18 W/kg = 0.72 dBW/kg

Plot 29

Date/Time: 3/11/2013 11:58:08 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

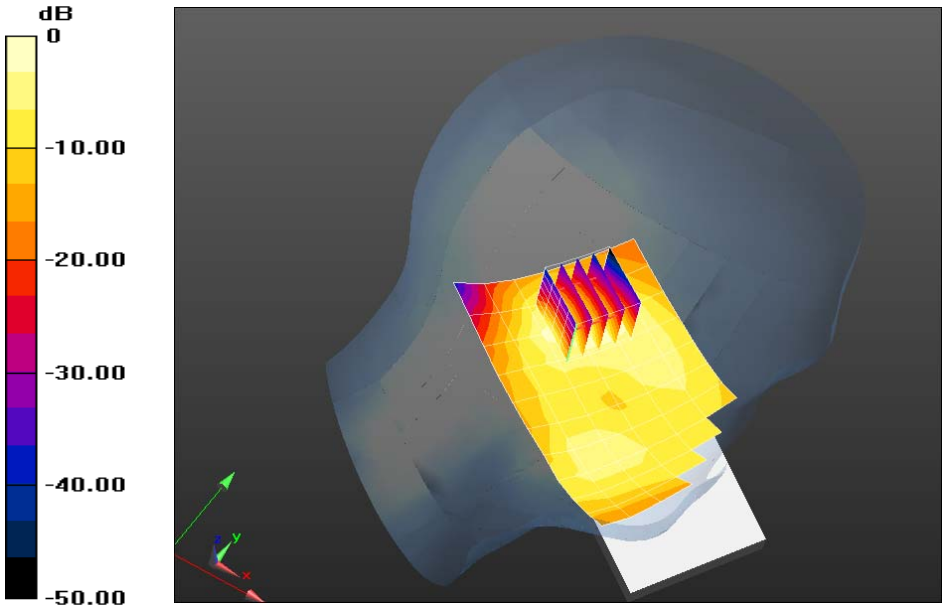
Communication System: CDMA RC3; Frequency: 1880 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1880 MHz; σ = 1.451 mho/m; ε_r = 39.18; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 23.2C; Medium Temperature: 22.2C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(5.09, 5.09, 5.09); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Left-Hand-Side 3-11-13/Tilt Position_1880MHz/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.738 W/kg

Left-Hand-Side 3-11-13/Tilt Position_1880MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.915 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.988 W/kg
SAR(1 g) = 0.607 W/kg; SAR(10 g) = 0.343 W/kg
Maximum value of SAR (measured) = 0.730 W/kg



0 dB = 0.738 W/kg = -1.32 dBW/kg

Plot 30

Date/Time: 3/11/2013 12:45:25 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

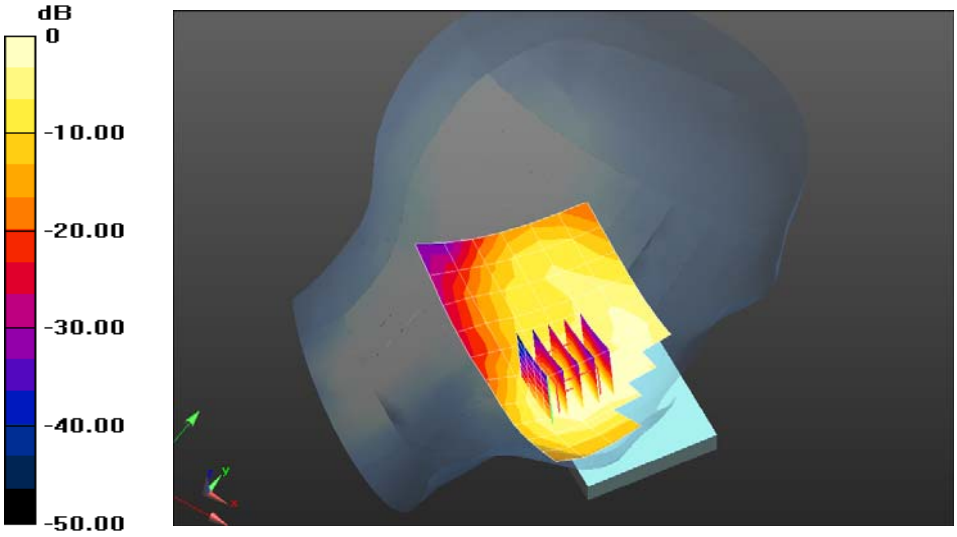
Communication System: CDMA RC3; Frequency: 1851.25 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.403 mho/m; ε_r = 39.225; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 23.1C; Medium Temperature: 22.2C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(5.09, 5.09, 5.09); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Left-Hand-Side 3-11-13/Touch Position_1851.25MHz/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.992 mW/g

Left-Hand-Side 3-11-13/Touch Position_1851.25MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.921 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.380 mW/g
SAR(1 g) = 0.923 mW/g; SAR(10 g) = 0.565 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.05 mW/g



0 dB = 0.992 mW/g = -0.07 dB mW/g

Plot 31

Date/Time: 3/11/2013 1:04:32 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

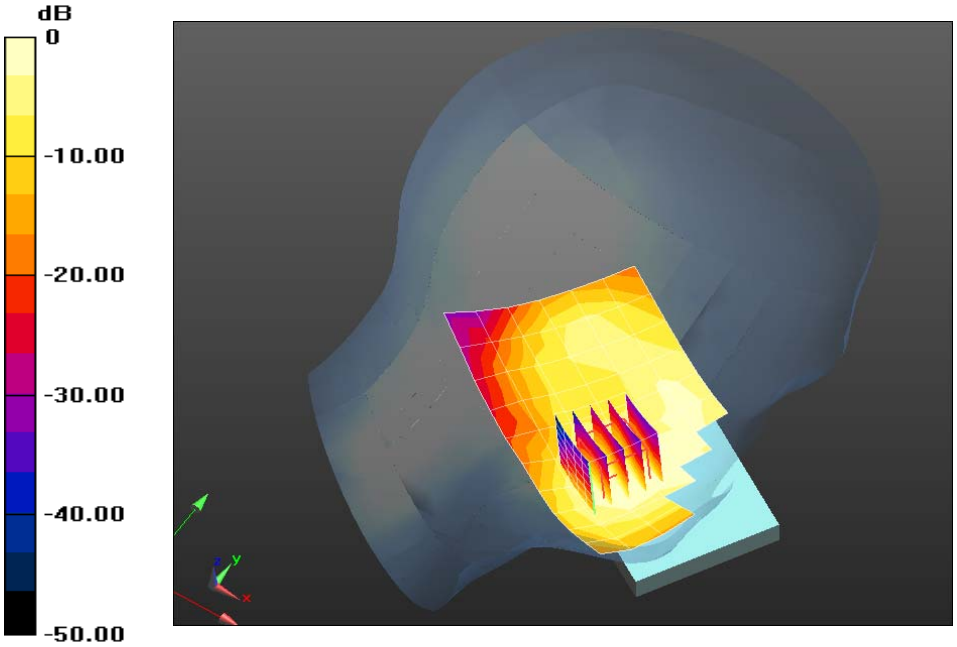
Communication System: CDMA RC3; Frequency: 1908.75 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1909 MHz; σ = 1.468 mho/m; ε_r = 39.122; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 23.3C; Medium Temperature: 22.2C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(5.09, 5.09, 5.09); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Left-Hand-Side 3-11-13/Touch Position_1908.75MHz/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.980 W/kg

Left-Hand-Side 3-11-13/Touch Position_1908.75MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.941 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.941 W/kg; SAR(10 g) = 0.563 W/kg
Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 0.980 W/kg = -0.09 dBW/kg

Plot 32

Date/Time: 3/11/2013 1:43:18 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

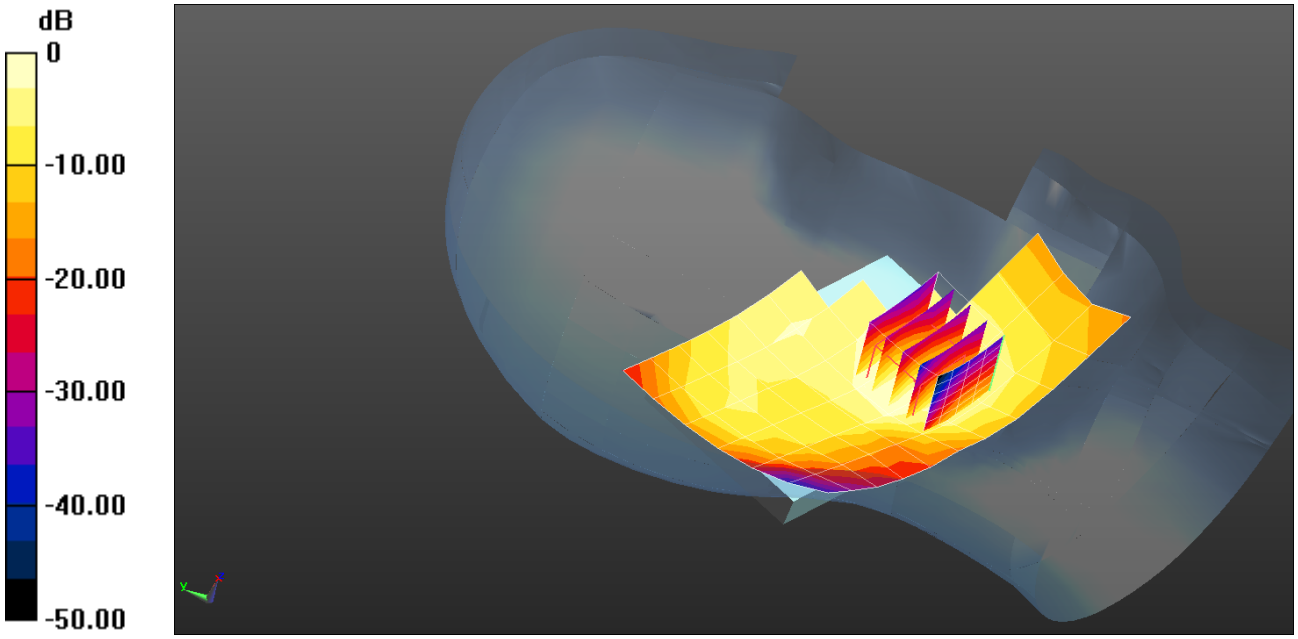
Communication System: CDMA RC3; Frequency: 1880 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1880 MHz; σ = 1.451 mho/m; ε_r = 39.18; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 23.2C; Medium Temperature: 22.2C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(5.09, 5.09, 5.09); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Left-Hand-Side/Touch Position_1880MHz_ 2nd battery/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.33 mW/g

Left-Hand-Side/Touch Position_1880MHz_ 2nd battery/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.533 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.832 mW/g
SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.702 mW/g
Maximum value of SAR (measured) = 1.41 mW/g



0 dB = 1.33 mW/g = 2.45 dB mW/g

Plot 33

Date/Time: 3/13/2013 2:46:15 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3915-1461

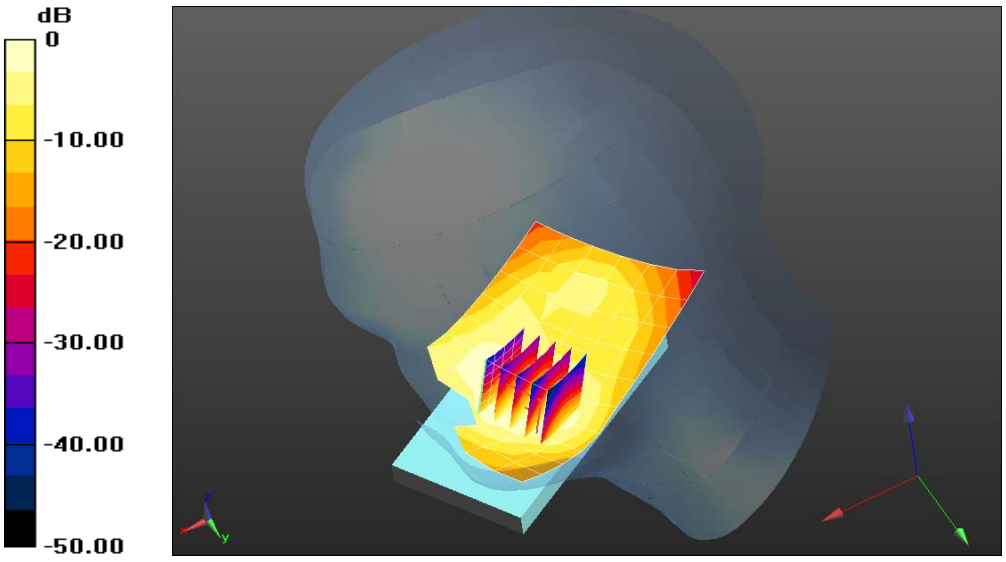
Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1880 MHz; σ = 1.432 mho/m; ε_r = 38.66; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 22.5C; Medium Temperature: 22.2C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(5.09, 5.09, 5.09); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Right-Hand-Side/Touch Position_1880MHz/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.739 mW/g

Right-Hand-Side/Touch Position_1880MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.134 V/m; Power Drift = 0.20 dB
Peak SAR (extrapolated) = 1.030 mW/g
SAR(1 g) = 0.714 mW/g; SAR(10 g) = 0.451 mW/g
Maximum value of SAR (measured) = 0.837 mW/g



0 dB = 0.739 mW/g = -2.62 dB mW/g

Plot 34

Date/Time: 3/13/2013 3:14:42 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3915-1461

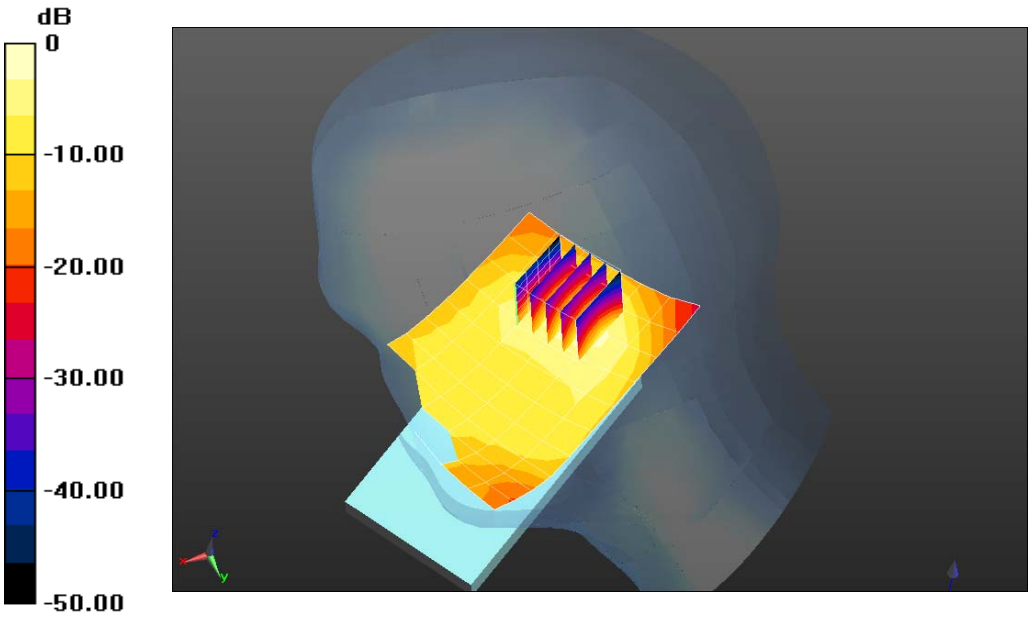
Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1880 MHz; σ = 1.432 mho/m; ε_r = 38.66; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 22.4C ; Medium Temperature: 22.2C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(5.09, 5.09, 5.09); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Right-Hand-Side/Tilt Position_1880MHz/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.626 mW/g

Right-Hand-Side/Tilt Position_1880MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.508 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.834 mW/g
SAR(1 g) = 0.512 mW/g; SAR(10 g) = 0.286 mW/g
Maximum value of SAR (measured) = 0.610 mW/g



0 dB = 0.626 mW/g = -4.07 dB mW/g

Plot 35

Date/Time: 3/13/2013 3:38:37 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

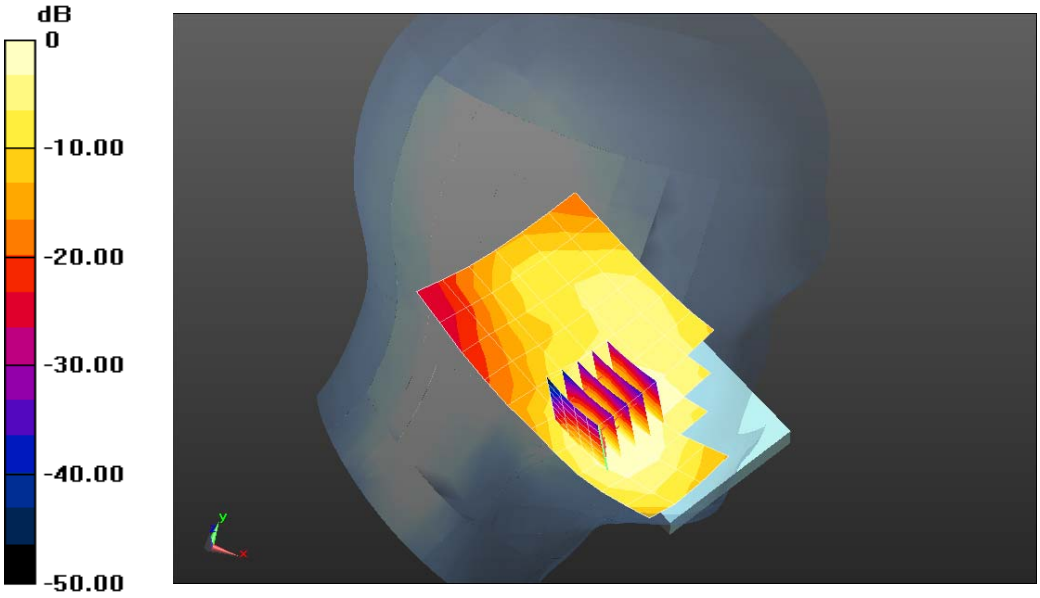
Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1880 MHz; σ = 1.432 mho/m; ε_r = 38.66; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 22.2C; Medium Temperature: 22.2C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(5.09, 5.09, 5.09); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Left-Hand-Side/Touch Position_1880MHz/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.915 mW/g

Left-Hand-Side/Touch Position_1880MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.329 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.409 mW/g
SAR(1 g) = 0.841 mW/g; SAR(10 g) = 0.484 mW/g
Maximum value of SAR (measured) = 0.968 mW/g



0 dB = 0.915 mW/g = -0.77 dB mW/g

Plot 36

Date/Time: 3/13/2013 4:05:53 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

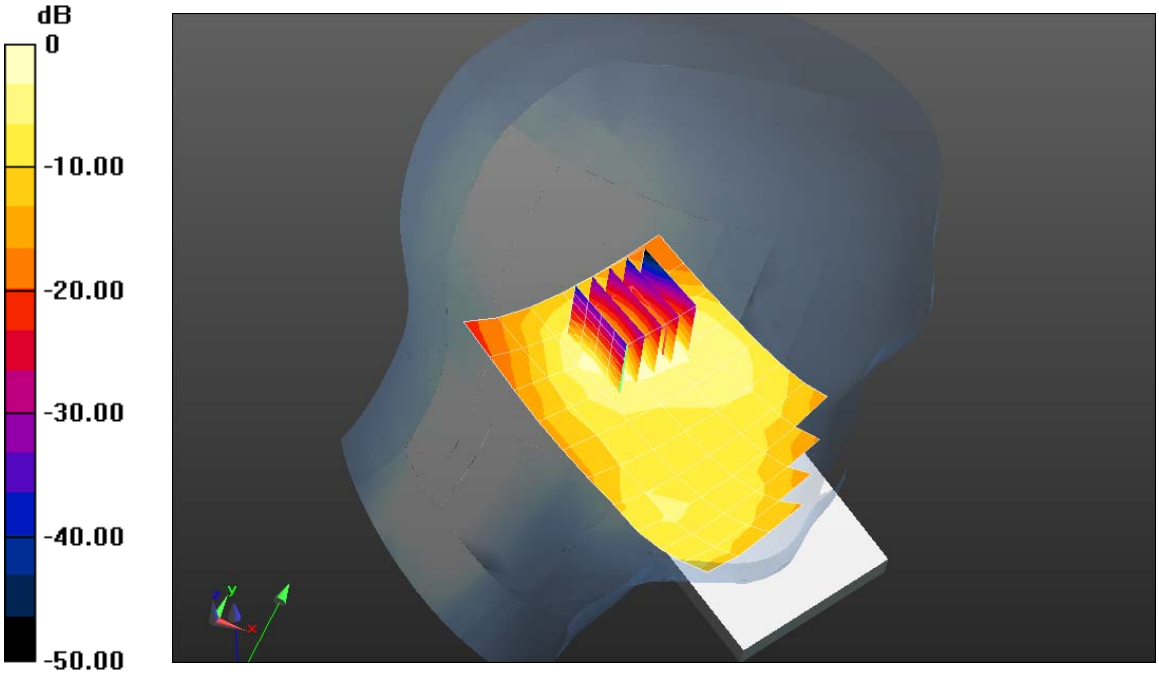
Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1880 MHz; σ = 1.432 mho/m; ε_r = 38.66; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.6C; Medium Temperature: 22.2C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(5.09, 5.09, 5.09); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Left-Hand-Side/Tilt Position_1880MHz/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.580 mW/g

Left-Hand-Side/Tilt Position_1880MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.907 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.813 mW/g
SAR(1 g) = 0.494 mW/g; SAR(10 g) = 0.279 mW/g
Maximum value of SAR (measured) = 0.605 mW/g



0 dB = 0.580 mW/g = -4.73 dB mW/g

Plot 37

Date/Time: 3/13/2013 4:36:05 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

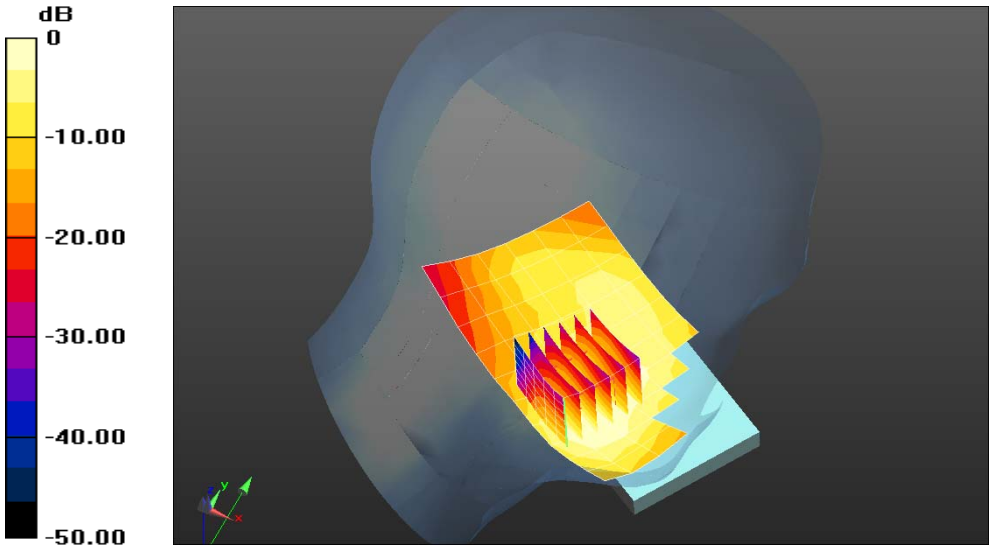
Communication System: UMTS-FDD (WCDMA); Frequency: 1852.4 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.399 mho/m; ε_r = 38.788; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.6C; Medium Temperature: 22.2C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(5.09, 5.09, 5.09); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Left-Hand-Side/Touch Position_Low Ch/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.785 mW/g

Left-Hand-Side/Touch Position_Low Ch/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.960 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.206 mW/g
SAR(1 g) = 0.725 mW/g; SAR(10 g) = 0.423 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.884 mW/g



0 dB = 0.785 mW/g = -2.10 dB mW/g

Plot 38

Date/Time: 3/13/2013 4:56:34 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

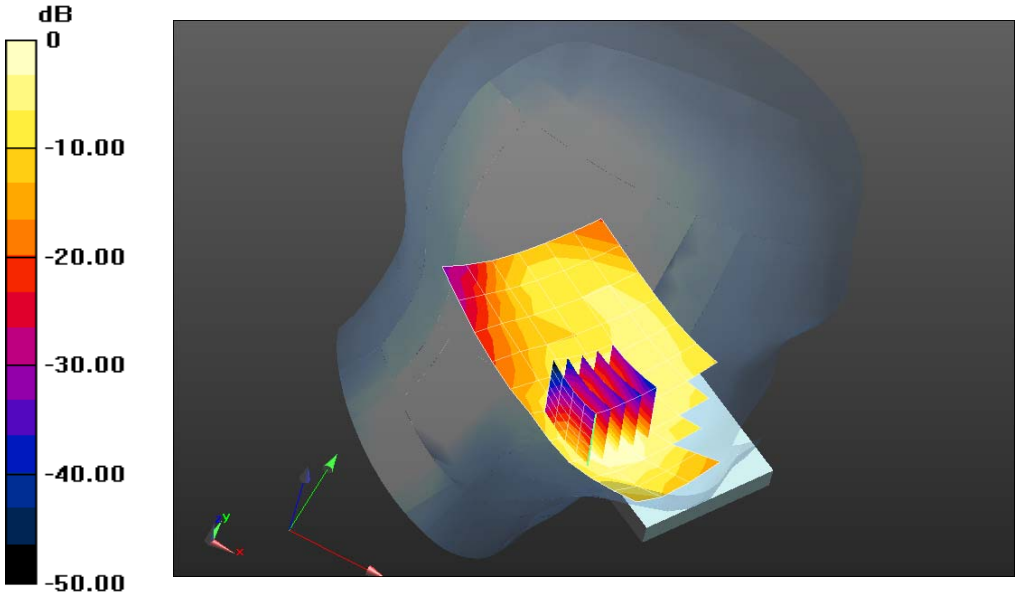
Communication System: UMTS-FDD (WCDMA); Frequency: 1907.6 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1908 MHz; σ = 1.461 mho/m; ε_r = 38.551; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 23.3C; Medium Temperature: 22.2C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(5.09, 5.09, 5.09); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Left-Hand-Side/Touch Position_High Ch/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.15 mW/g

Left-Hand-Side/Touch Position_High Ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.681 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.601 mW/g
SAR(1 g) = 0.990 mW/g; SAR(10 g) = 0.575 mW/g
Maximum value of SAR (measured) = 1.20 mW/g



0 dB = 1.15 mW/g = 1.21 dB mW/g

Plot 39

Date/Time: 3/13/2013 6:28:42 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

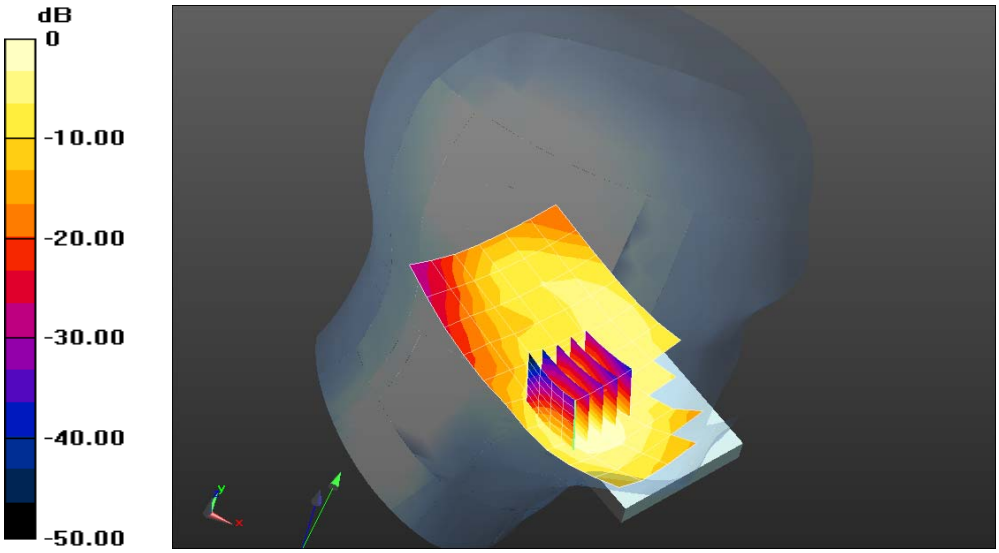
Communication System: UMTS-FDD (WCDMA); Frequency: 1907.6 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1908 MHz; σ = 1.461 mho/m; ε_r = 38.551; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Josie; Air Temperature: 20.8C; Medium Temperature: 21.8C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(5.09, 5.09, 5.09); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Left-Hand-Side/Touch Position_ 2nd battery/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.14 mW/g

Left-Hand-Side/Touch Position_ 2nd battery/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.803 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.621 mW/g
SAR(1 g) = 1 mW/g; SAR(10 g) = 0.575 mW/g
Maximum value of SAR (measured) = 1.21 mW/g



0 dB = 1.14 mW/g = 1.10 dB mW/g

Plot 40

Date/Time: 3/20/2013 3:53:43 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

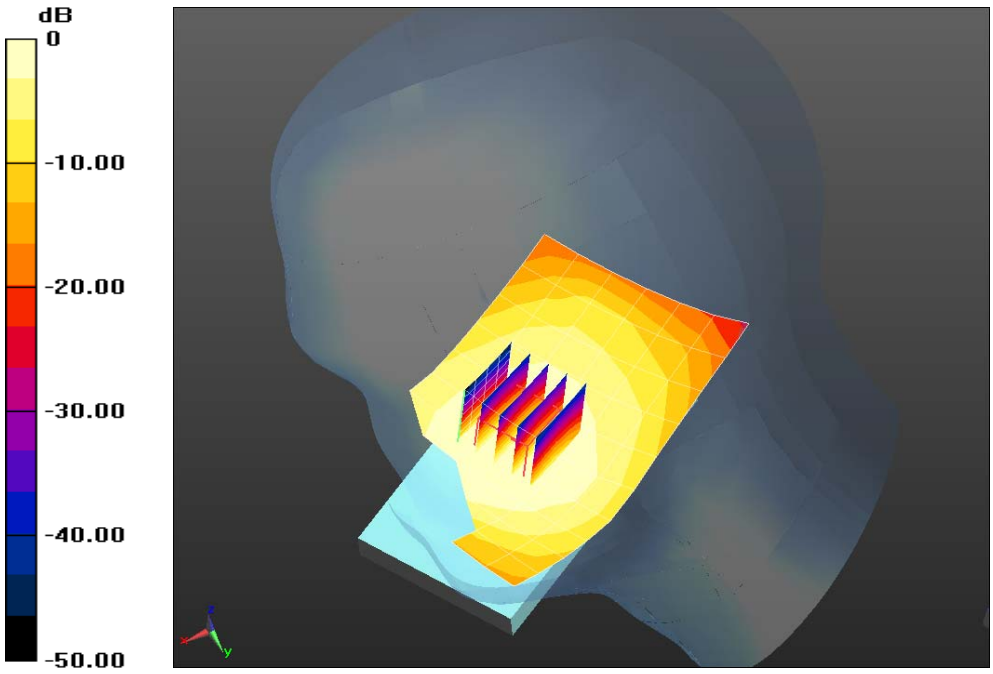
Communication System: UMTS WCDMA; Frequency: 836.6 MHz
Medium: HSL900_Batch 110607-1
Medium parameters used: f = 837 MHz; σ = 0.898 mho/m; ε_r = 40.101; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 25.5C; Medium Temperature: 23.2C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 9/25/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Right-Hand-Side 3-20-13/Touch Position_836.6MHz/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.331 mW/g

Right-Hand-Side 3-20-13/Touch Position_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.905 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.384 mW/g
SAR(1 g) = 0.299 mW/g; SAR(10 g) = 0.227 mW/g
Maximum value of SAR (measured) = 0.329 mW/g



0 dB = 0.331 mW/g = -9.60 dB mW/g

Plot 41

Date/Time: 3/20/2013 4:22:35 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

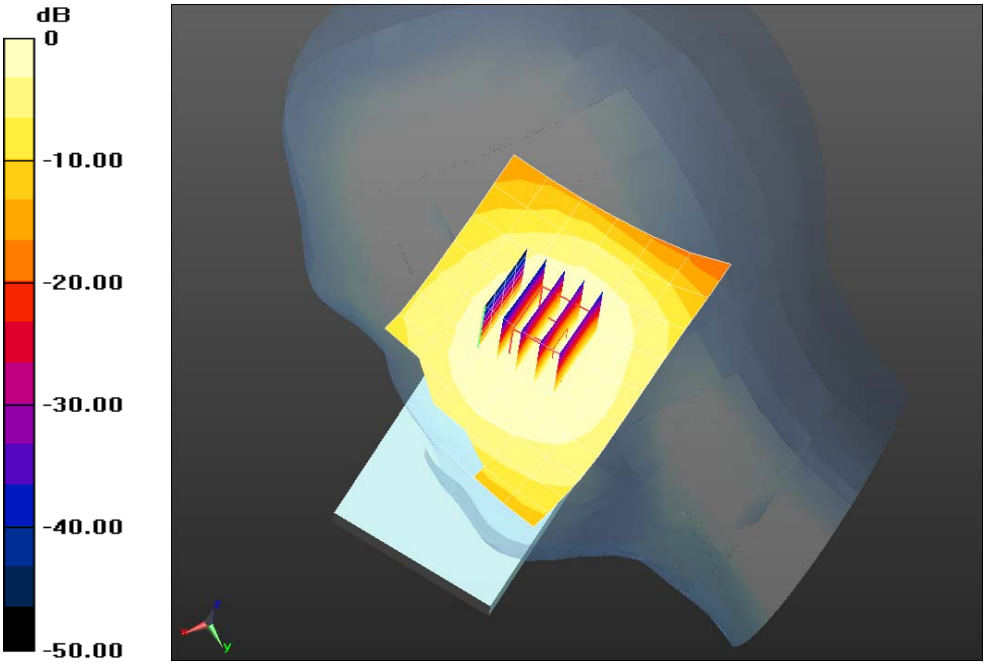
Communication System: UMTS WCDMA; Frequency: 836.6 MHz
Medium: HSL900_Batch 110607-1
Medium parameters used: f = 837 MHz; σ = 0.898 mho/m; ε_r = 40.101; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 23.6C ; Medium Temperature: 23.2C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 9/25/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Right-Hand-Side 3-20-13/Tilt Position_836.6MHz/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.232 mW/g

Right-Hand-Side 3-20-13/Tilt Position_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.578 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.266 mW/g
SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.161 mW/g
Maximum value of SAR (measured) = 0.230 mW/g



0 dB = 0.232 mW/g = -12.67 dB mW/g

Plot 42

Date/Time: 3/20/2013 4:51:20 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

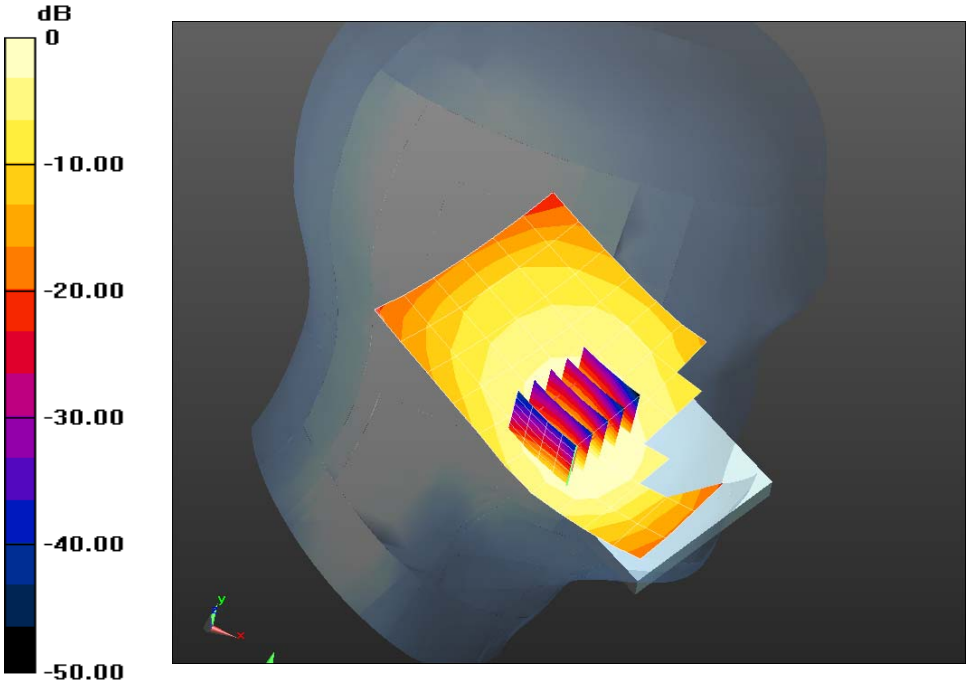
Communication System: UMTS WCDMA; Frequency: 836.6 MHz
Medium: HSL900_Batch 110607-1
Medium parameters used: f = 837 MHz; σ = 0.898 mho/m; ε_r = 40.101; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 24.3C; Medium Temperature: 23.2C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 9/25/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

Left-Hand-Side 3-20-13/Touch Position_836.6MHz/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.526 mW/g

Left-Hand-Side 3-20-13/Touch Position_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.576 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.697 mW/g
SAR(1 g) = 0.506 mW/g; SAR(10 g) = 0.353 mW/g
Maximum value of SAR (measured) = 0.582 mW/g



0 dB = 0.526 mW/g = -5.57 dB mW/g

Plot 43

Date/Time: 3/20/2013 5:19:10 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

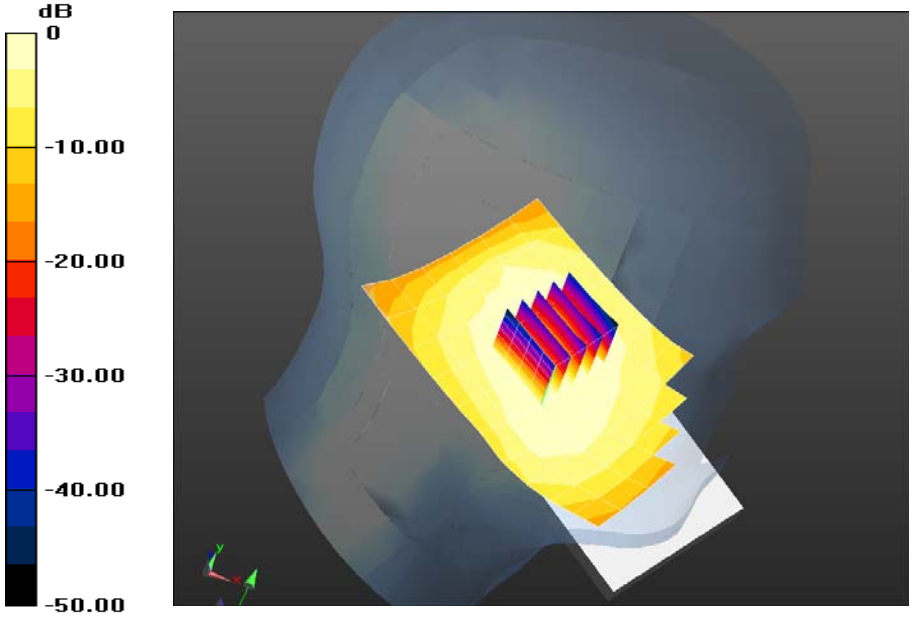
Communication System: UMTS WCDMA; Frequency: 836.6 MHz
Medium: HSL900_Batch 110607-1
Medium parameters used: f = 837 MHz; σ = 0.898 mho/m; ε_r = 40.101; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 24.6C; Medium Temperature: 23.2C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 9/25/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

Left-Hand-Side 3-20-13/Tilt Position_836.6MHz/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.320 mW/g

Left-Hand-Side 3-20-13/Tilt Position_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.112 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.350 mW/g
SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.212 mW/g
Maximum value of SAR (measured) = 0.302 mW/g



0 dB = 0.320 mW/g = -9.89 dB mW/g

Plot 44

Date/Time: 3/20/2013 5:36:04 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

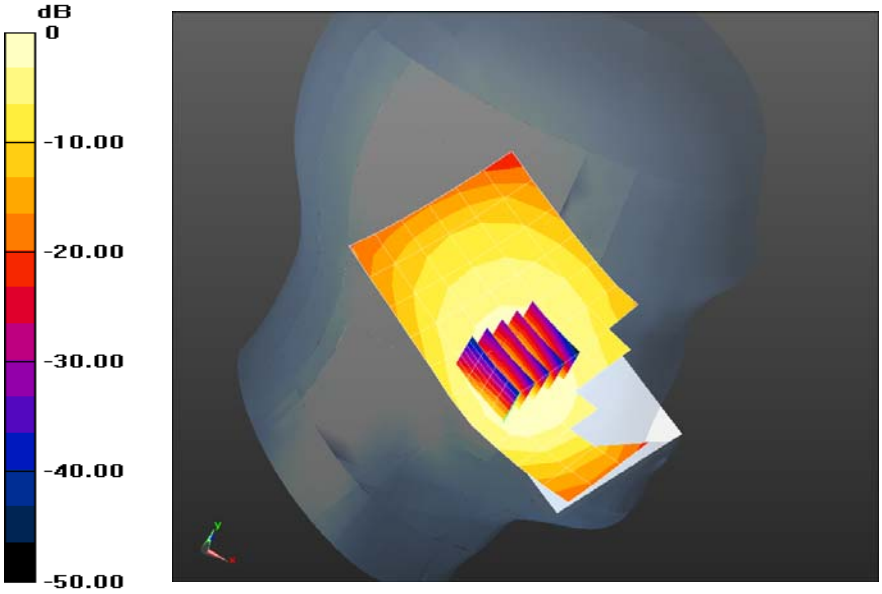
Communication System: UMTS WCDMA; Frequency: 826.4 MHz
Medium: HSL900_Batch 110607-1
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.887 mho/m; ε_r = 40.244; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 24.7C; Medium Temperature: 23.2C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 9/25/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

Left-Hand-Side 3-20-13/Touch Position_826.4MHz/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.554 mW/g

Left-Hand-Side 3-20-13/Touch Position_826.4MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.472 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.712 mW/g
SAR(1 g) = 0.522 mW/g; SAR(10 g) = 0.367 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.589 mW/g



0 dB = 0.554 mW/g = -5.12 dB mW/g

Plot 45

Date/Time: 3/20/2013 5:57:12 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

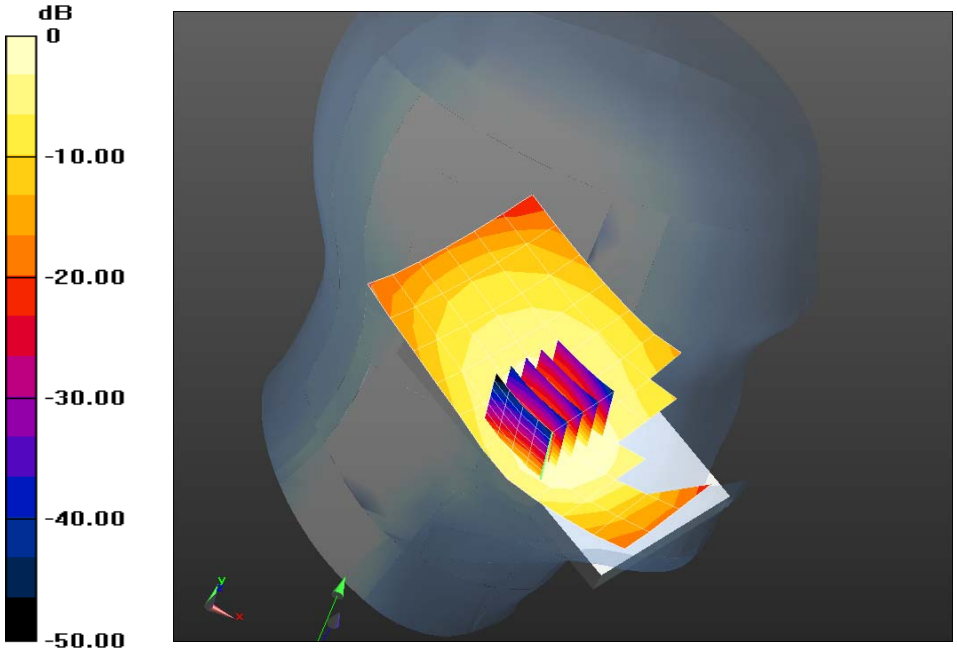
Communication System: UMTS WCDMA; Frequency: 846.6 MHz
Medium: HSL900_Batch 110607-1
Medium parameters used: f = 847 MHz; σ = 0.908 mho/m; ε_r = 39.973; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 24.8C; Medium Temperature: 23.2C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 9/25/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

Left-Hand-Side 3-20-13/Touch Position_846.6MHz/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.459 mW/g

Left-Hand-Side 3-20-13/Touch Position_846.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.463 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.613 mW/g
SAR(1 g) = 0.436 mW/g; SAR(10 g) = 0.307 mW/g
Maximum value of SAR (measured) = 0.492 mW/g



0 dB = 0.459 mW/g = -6.77 dB mW/g

Plot 46

Date/Time: 3/20/2013 6:24:48 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

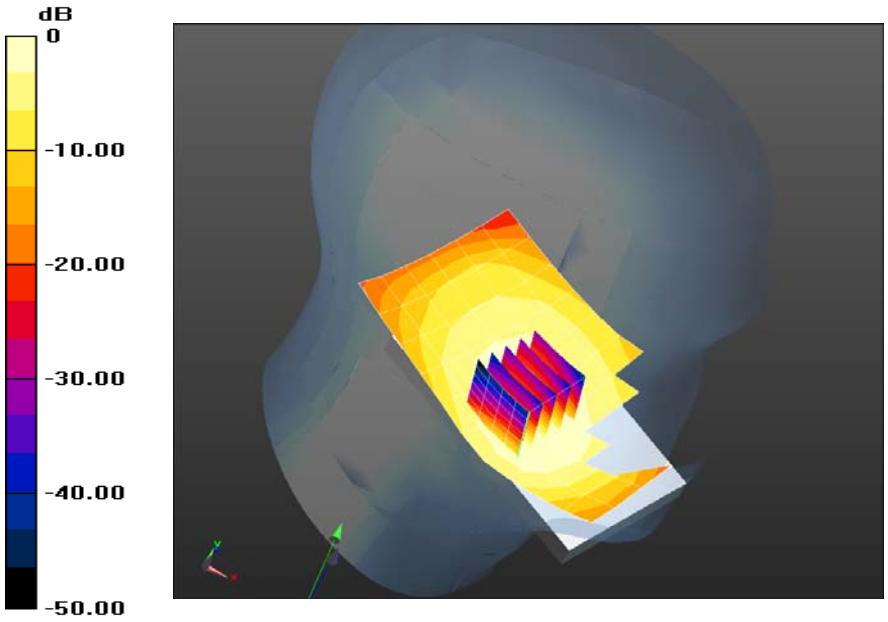
Communication System: UMTS WCDMA; Frequency: 826.4 MHz
Medium: HSL900_Batch 110607-1
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.887 mho/m; ε_r = 40.244; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 24.9C; Medium Temperature: 23.2C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 9/25/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

Left-Hand-Side 3-20-13/Touch Position_826.4MHz_2nd battery/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.455 mW/g

Left-Hand-Side 3-20-13/Touch Position_826.4MHz_2nd battery/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.512 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.558 mW/g
SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.311 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.470 mW/g



0 dB = 0.455 mW/g = -6.85 dB mW/g

Plot 47

Date/Time: 3/21/2013 4:27:49 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-8748

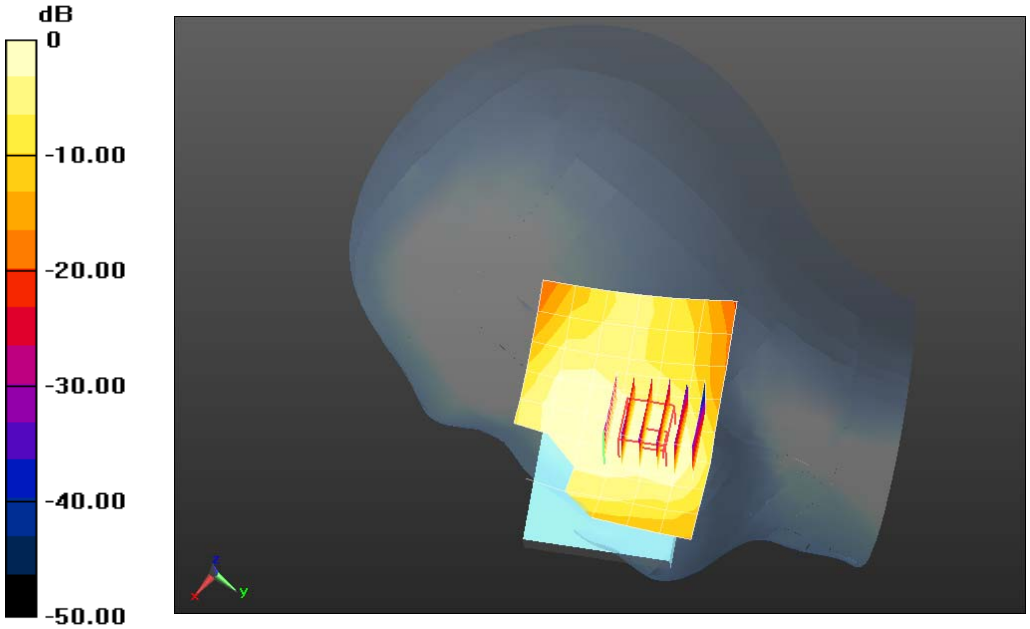
Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1732.5 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.356 mho/m; ε_r = 38.925; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 22.0C; Medium Temperature: 22.0C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.25, 5.25, 5.25); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Right-Hand-Side/Touch Position_High_BW 20MHz_1RB/Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.933 W/kg

Right-Hand-Side/Touch Position_High_BW 20MHz_1RB/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.959 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.812 W/kg; SAR(10 g) = 0.532 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.904 W/kg



0 dB = 0.933 W/kg = -0.30 dBW/kg

Plot 48

Date/Time: 3/21/2013 4:58:22 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-8748

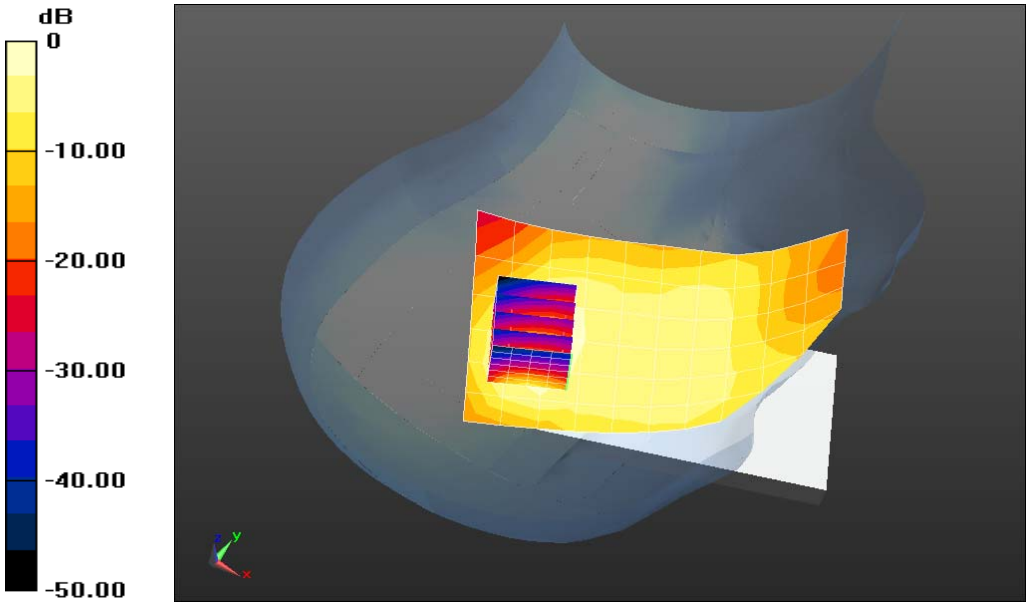
Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1732.5 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.356 mho/m; ε_r = 38.925; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.9C; Medium Temperature: 22.0C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.25, 5.25, 5.25); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Right-Hand-Side/Tilt Position_High_BW 20MHz_1RB/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.509 W/kg

Right-Hand-Side/Tilt Position_High_BW 20MHz_1RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.668 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.835 W/kg
SAR(1 g) = 0.510 W/kg; SAR(10 g) = 0.288 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.631 W/kg



0 dB = 0.509 W/kg = -2.93 dBW/kg

Plot 49

Date/Time: 3/22/2013 12:06:55 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-8748

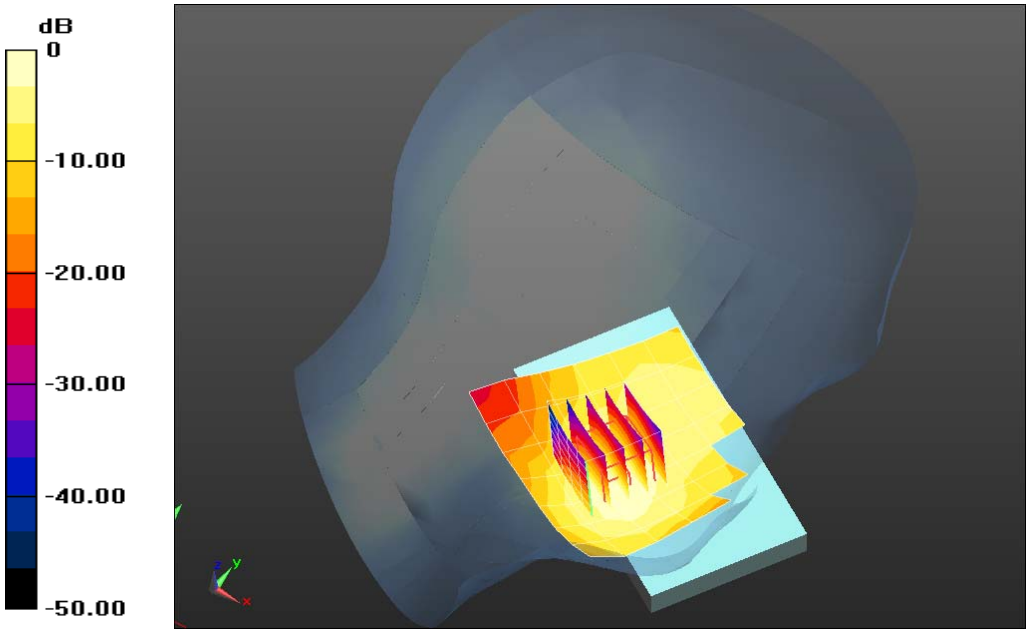
Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1732.5 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.356 mho/m; ε_r = 38.925; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.9C; Medium Temperature: 20.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.25, 5.25, 5.25); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Left-Hand-Side/Touch Position_High_BW 20MHz_1RB/Area Scan (8x7x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.49 W/kg

Left-Hand-Side/Touch Position_High_BW 20MHz_1RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.461 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 2.04 W/kg
SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.757 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.53 W/kg



0 dB = 1.49 W/kg = 1.72 dBW/kg

Plot 50

Date/Time: 3/22/2013 11:11:51 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-8748

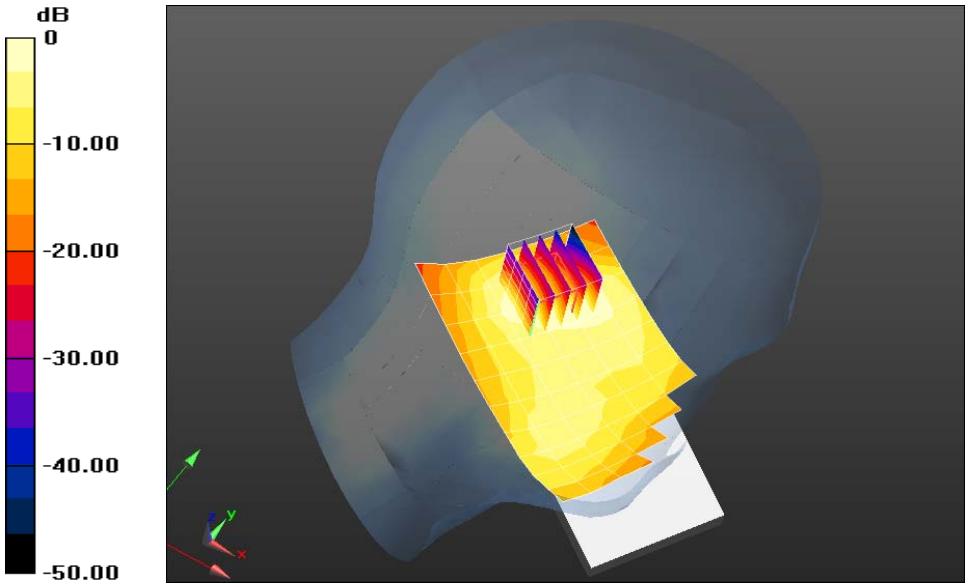
Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1732.5 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.356 mho/m; ε_r = 38.925; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.3C; Medium Temperature: 20.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.25, 5.25, 5.25); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.3(988);

Left-Hand-Side/Tilt Position_High_BW 20MHz_1RB/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.594 W/kg

Left-Hand-Side/Tilt Position_High_BW 20MHz_1RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.762 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.843 W/kg
SAR(1 g) = 0.532 W/kg; SAR(10 g) = 0.310 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.637 W/kg



0 dB = 0.594 W/kg = -2.26 dBW/kg

Plot 51

Date/Time: 3/29/2013 6:02:38 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-8748

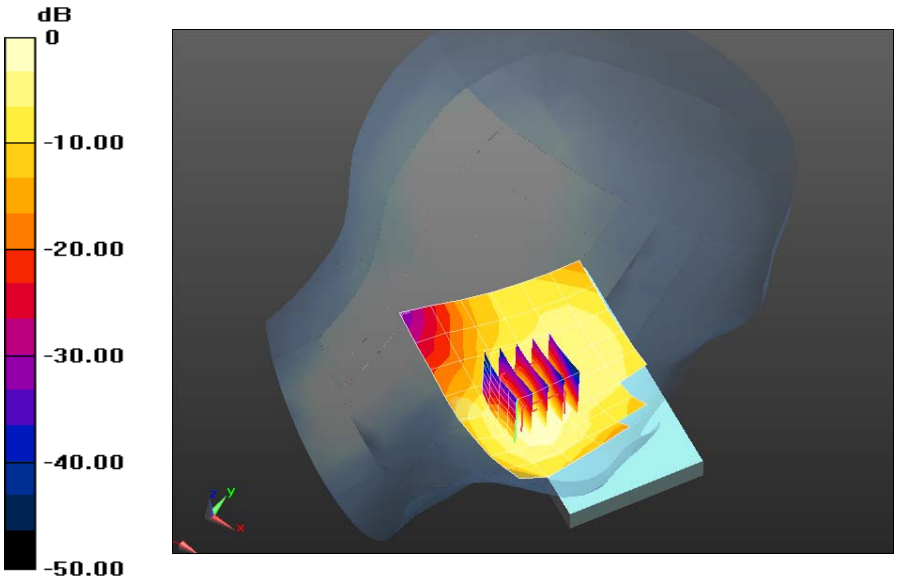
Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1720 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used: f = 1720 MHz; σ = 1.351 mho/m; ε_r = 39.323; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 24.2C; Medium Temperature: 22.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.25, 5.25, 5.25); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.3(988);

Left-Hand-Side 3-29 Unit#46 SN 0809-3929-8748/Touch Position_BW 20MHz_1RB High_Low Ch. run 2_unit#46/Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.37 W/kg

Left-Hand-Side 3-29 Unit#46 SN 0809-3929-8748/Touch Position_BW 20MHz_1RB High_Low Ch. run 2_unit#46/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.154 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.98 W/kg
SAR(1 g) = 1.23 W/kg; SAR(10 g) = 0.728 W/kg
Maximum value of SAR (measured) = 1.44 W/kg



0 dB = 1.37 W/kg = 1.38 dBW/kg

Plot 52

Date/Time: 3/22/2013 12:44:09 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-8748

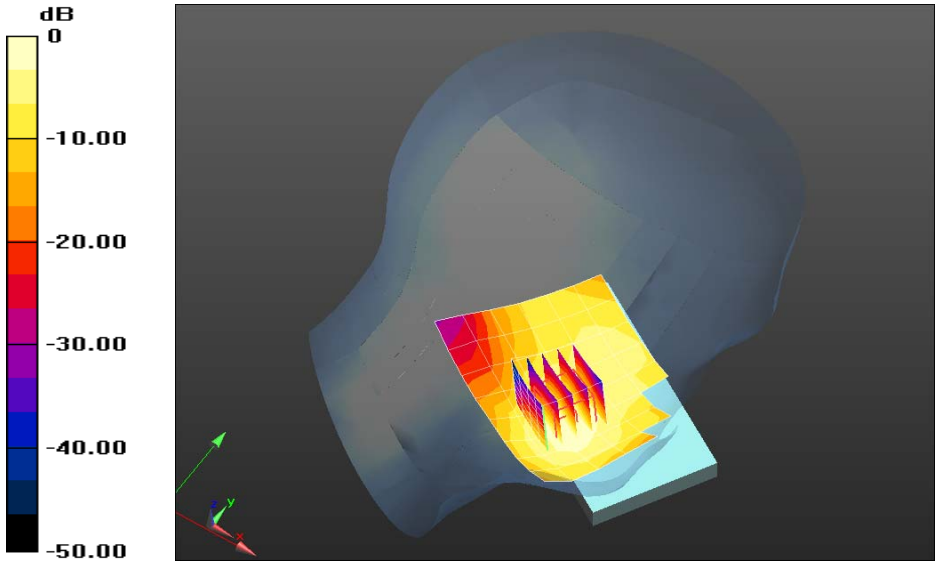
Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1745 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used: f = 1745 MHz; σ = 1.367 mho/m; ε_r = 38.865; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.8C; Medium Temperature: 20.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.25, 5.25, 5.25); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Left-Hand-Side/Touch Position_BW 20MHz_1RB_High Ch./Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.35 W/kg

Left-Hand-Side/Touch Position_BW 20MHz_1RB_High Ch./Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.999 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.84 W/kg
SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.691 W/kg
Maximum value of SAR (measured) = 1.40 W/kg



0 dB = 1.35 W/kg = 1.30 dBW/kg

Plot 53

Date/Time: 3/29/2013 7:33:45 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-8748

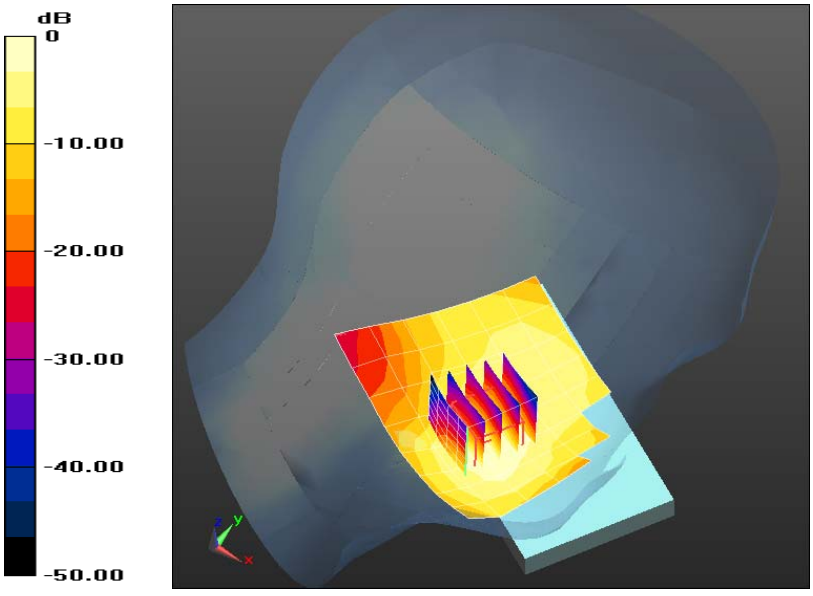
Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1732.5 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.359 mho/m; ε_r = 39.26; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 24.2C; Medium Temperature: 22.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.25, 5.25, 5.25); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

Left-Hand-Side 3-29 Unit#46 SN 0809-3929-8748/Touch Position_BW 20MHz_1RB High_Mid Ch._2nd batt_unit#46 2/Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.19 W/kg

Left-Hand-Side 3-29 Unit#46 SN 0809-3929-8748/Touch Position_BW 20MHz_1RB High_Mid Ch._2nd batt_unit#46 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.457 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.70 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.627 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.19 W/kg = 0.74 dBW/kg

Plot 54

Date/Time: 3/22/2013 3:48:44 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-8748

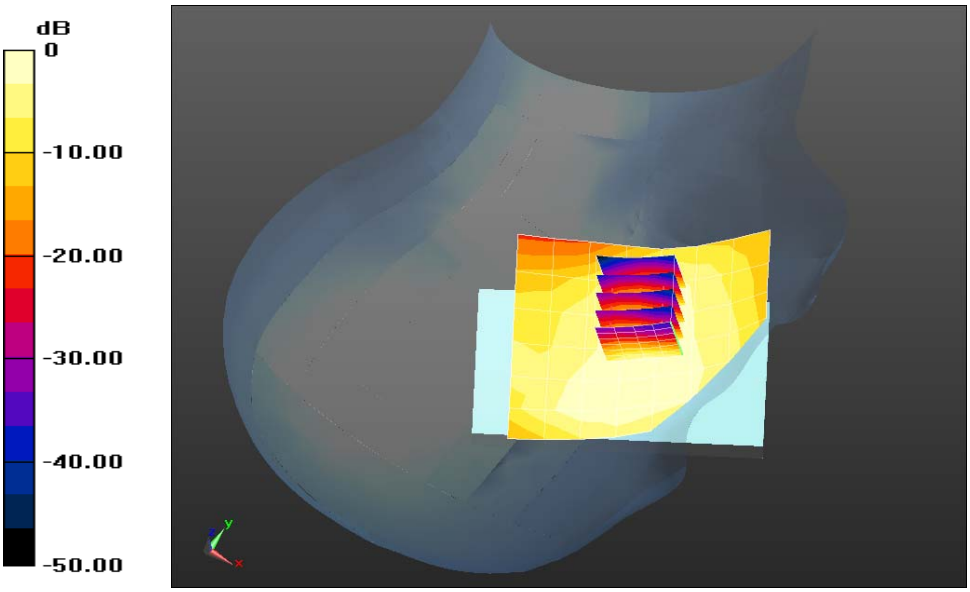
Communication System: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 1732 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used: f = 1732 MHz; σ = 1.388 mho/m; ε_r = 38.924; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.6C; Medium Temperature: 21.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.25, 5.25, 5.25); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Right-Hand-Side 2/Touch Position_BW 20MHz_50%RB_High/Area Scan (8x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.629 W/kg

Right-Hand-Side 2/Touch Position_BW 20MHz_50%RB_High/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.026 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.793 W/kg
SAR(1 g) = 0.567 W/kg; SAR(10 g) = 0.368 W/kg
Maximum value of SAR (measured) = 0.643 W/kg



0 dB = 0.629 W/kg = -2.02 dBW/kg

Plot 55

Date/Time: 3/22/2013 4:10:53 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-8748

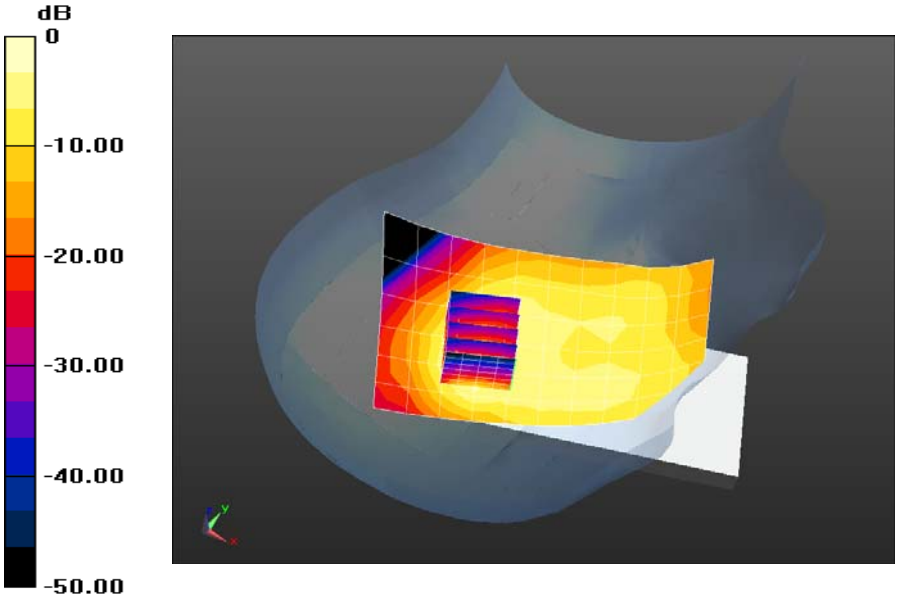
Communication System: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 1732 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used: f = 1732 MHz; σ = 1.388 mho/m; ε_r = 38.924; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 24.0C; Medium Temperature: 21.0C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.25, 5.25, 5.25); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Right-Hand-Side 2/Tilt Position_BW 20MHz_50%RB_High/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.437 W/kg

Right-Hand-Side 2/Tilt Position_BW 20MHz_50%RB_High/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.470 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.596 W/kg
SAR(1 g) = 0.372 W/kg; SAR(10 g) = 0.210 W/kg
Maximum value of SAR (measured) = 0.448 W/kg



0 dB = 0.437 W/kg = -3.60 dBW/kg

Plot 56

Date/Time: 3/22/2013 11:51:33 AM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-8748

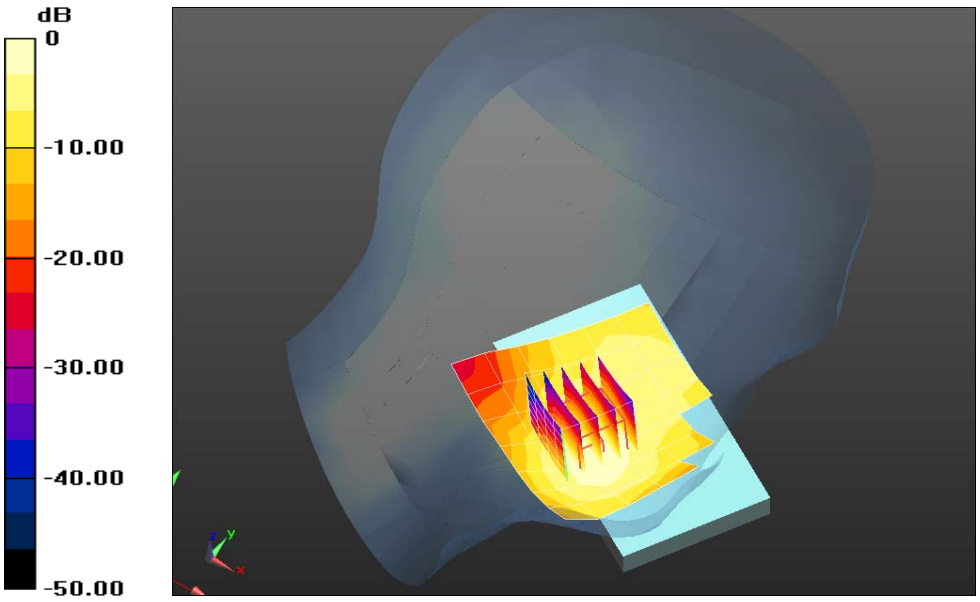
Communication System: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 1732 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used: f = 1732 MHz; σ = 1.355 mho/m; ε_r = 38.929; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.6C; Medium Temperature: 20.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.25, 5.25, 5.25); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Left-Hand-Side/Touch Position_High_BW 20MHz_50%RB/Area Scan (8x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.06 W/kg

Left-Hand-Side/Touch Position_High_BW 20MHz_50%RB/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.302 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.925 W/kg; SAR(10 g) = 0.552 W/kg
Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.06 W/kg = 0.26 dBW/kg

Plot 57

Date/Time: 3/22/2013 11:34:12 AM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-8748

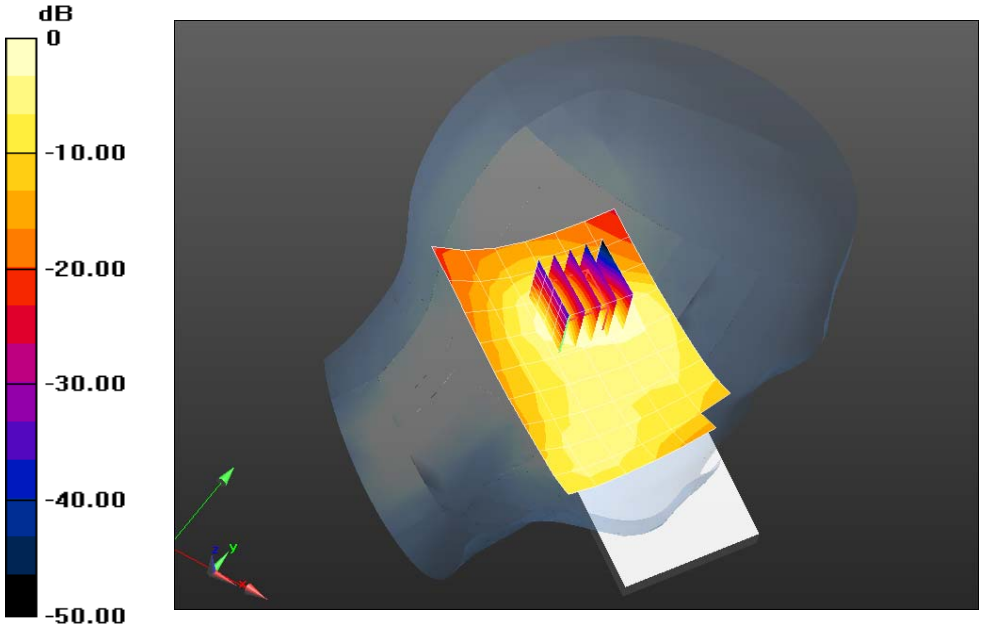
Communication System: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 1732 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used: f = 1732 MHz; σ = 1.355 mho/m; ε_r = 38.929; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.5C Medium Temperature: 20.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.25, 5.25, 5.25); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Left-Hand-Side/Tilt Position_BW 20MHz_50%RB/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.429 W/kg

Left-Hand-Side/Tilt Position_BW 20MHz_50%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.231 V/m; Power Drift = 0.20 dB
Peak SAR (extrapolated) = 0.604 W/kg
SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.222 W/kg
Maximum value of SAR (measured) = 0.454 W/kg



0 dB = 0.429 W/kg = -3.68 dBW/kg

Plot 58

Date/Time: 3/22/2013 1:58:57 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-8748

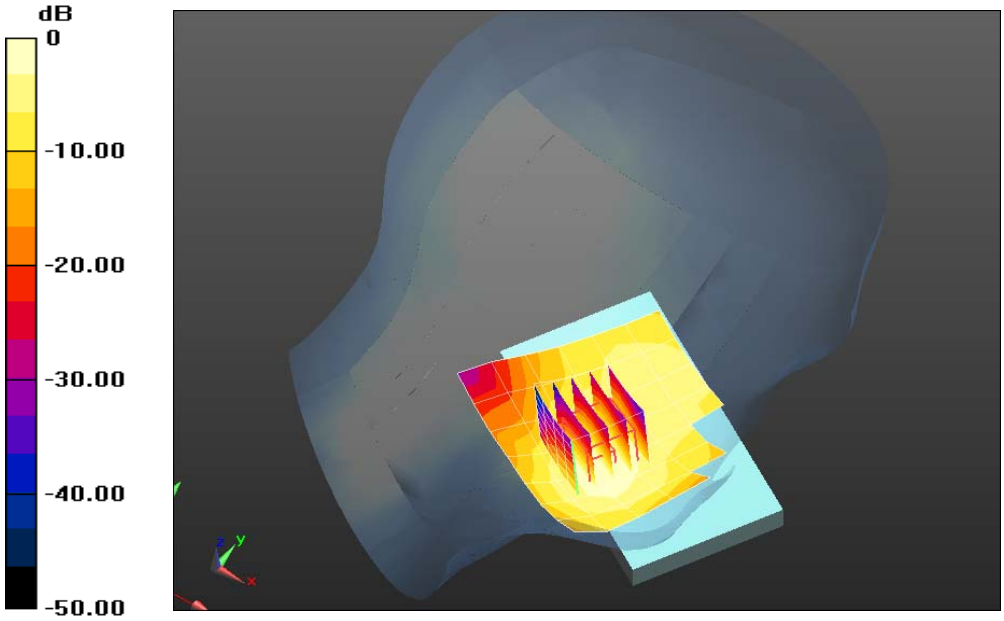
Communication System: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 1720 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used: f = 1720 MHz; σ = 1.347 mho/m; ε_r = 38.984; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 22.3C; Medium Temperature: 20.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.25, 5.25, 5.25); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Left-Hand-Side/Touch Position_BW 20MHz_50%RB_Low Ch./Area Scan (8x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.14 W/kg

Left-Hand-Side/Touch Position_BW 20MHz_50%RB_Low Ch./Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.846 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.62 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.605 W/kg
Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.14 W/kg = 0.58 dBW/kg

Plot 59

Date/Time: 3/22/2013 1:45:31 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-8748

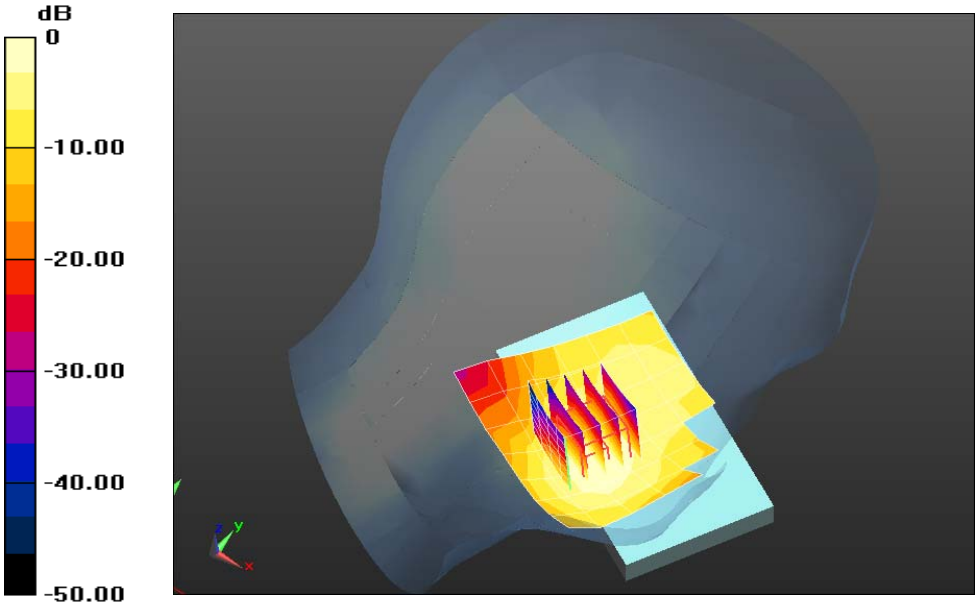
Communication System: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 1745 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used: f = 1745 MHz; σ = 1.367 mho/m; ε_r = 38.865; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 22.1C; Medium Temperature: 20.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.25, 5.25, 5.25); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.3(988);

Left-Hand-Side/Touch Position_BW 20MHz_50%RB_High Ch./Area Scan (8x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.03 W/kg

Left-Hand-Side/Touch Position_BW 20MHz_50%RB_High Ch./Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.750 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.889 W/kg; SAR(10 g) = 0.531 W/kg
Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.03 W/kg = 0.13 dBW/kg

Plot 60

Date/Time: 3/23/2013 12:49:12 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-8748

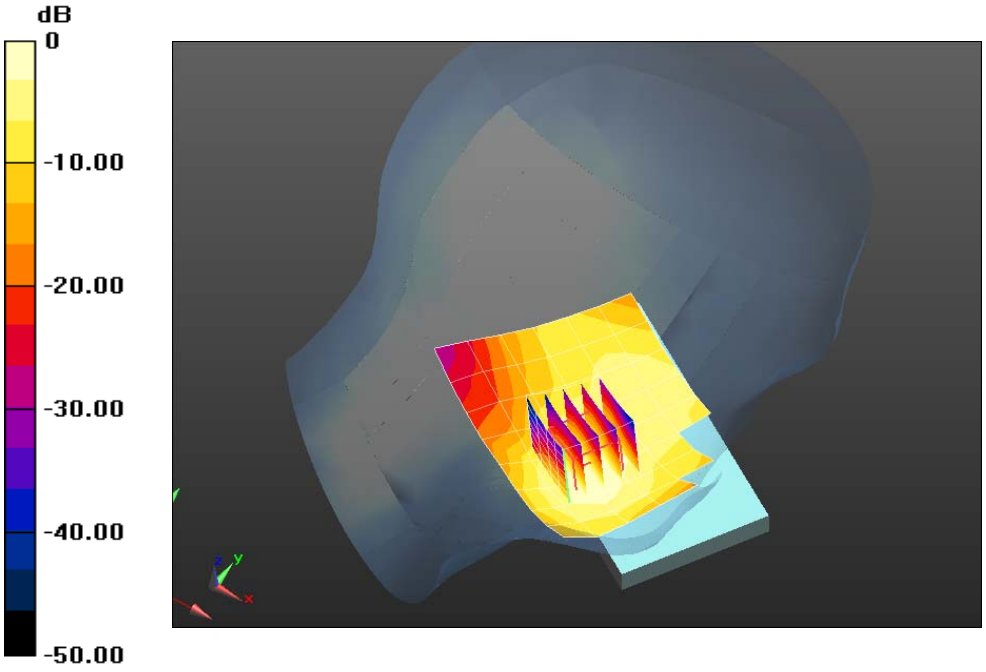
Communication System: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 1720 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used: f = 1720 MHz; σ = 1.378 mho/m; ε_r = 38.983; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 22C; Medium Temperature: 20.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.25, 5.25, 5.25); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.3(988);

Left-Hand-Side 2/Touch Position_2nd Battery_BW 20MHz_50%RB High_Low Ch./Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.12 W/kg

Left-Hand-Side 2/Touch Position_2nd Battery_BW 20MHz_50%RB High_Low Ch./Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.518 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.942 W/kg; SAR(10 g) = 0.564 W/kg
Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.12 W/kg = 0.50 dBW/kg

Plot 61

Date/Time: 3/22/2013 4:50:43 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-8748

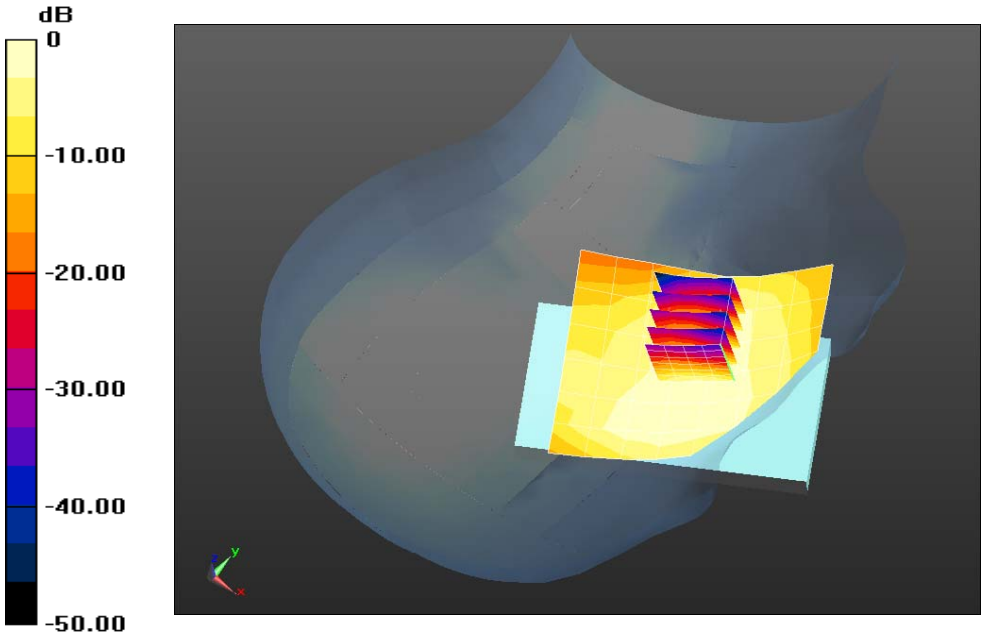
Communication System: LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 1732 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used: f = 1732 MHz; σ = 1.388 mho/m; ε_r = 38.924; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.9C; Medium Temperature: 21.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.25, 5.25, 5.25); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Right-Hand-Side 2/Touch Position_BW 20MHz_100%RB_High/Area Scan (8x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.626 W/kg

Right-Hand-Side 2/Touch Position_BW 20MHz_100%RB_High/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.652 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.754 W/kg
SAR(1 g) = 0.554 W/kg; SAR(10 g) = 0.363 W/kg



0 dB = 0.626 W/kg = -2.03 dBW/kg

Plot 62

Date/Time: 3/22/2013 4:32:48 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-8748

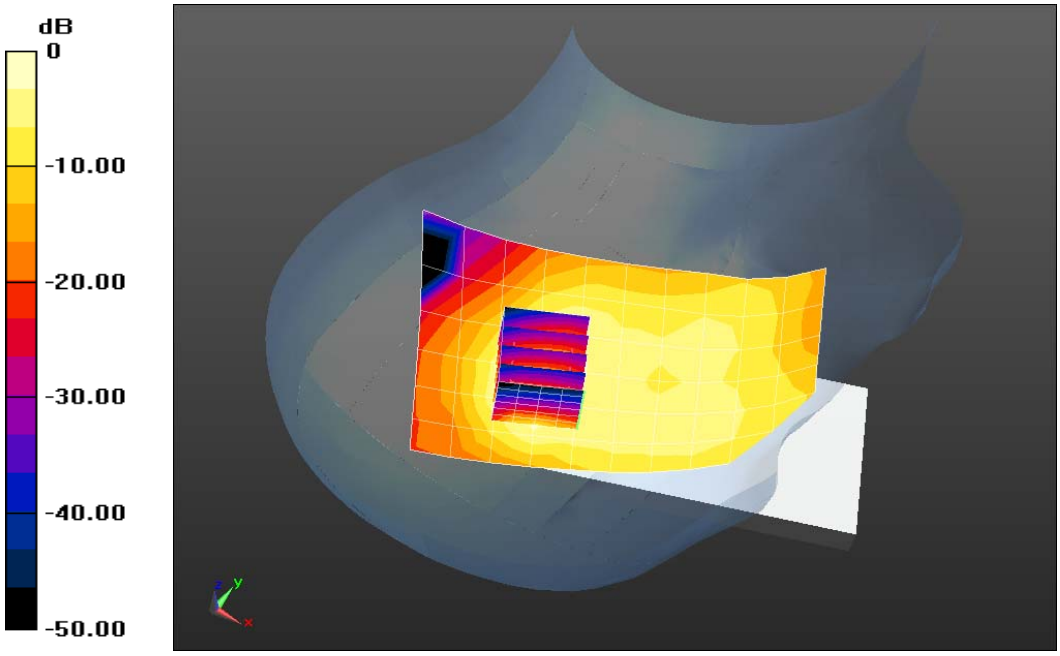
Communication System: LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 1732 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used: f = 1732 MHz; σ = 1.388 mho/m; ε_r = 38.924; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 22.6C; Medium Temperature: 21.0C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.25, 5.25, 5.25); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Right-Hand-Side 2/Tilt Position_BW 20MHz_100%RB_High/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.413 W/kg

Right-Hand-Side 2/Tilt Position_BW 20MHz_100%RB_High/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.588 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.581 W/kg
SAR(1 g) = 0.362 W/kg; SAR(10 g) = 0.205 W/kg
Maximum value of SAR (measured) = 0.428 W/kg



0 dB = 0.413 W/kg = -3.85 dBW/kg

Plot 63

Date/Time: 3/23/2013 11:00:36 AM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-8748

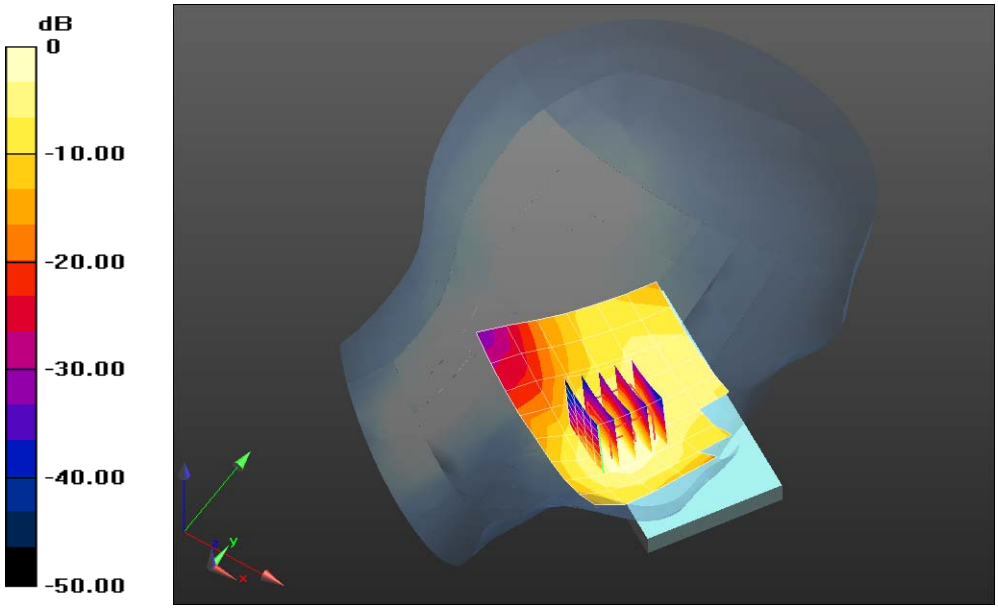
Communication System: LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 1732 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used: f = 1732 MHz; σ = 1.388 mho/m; ε_r = 38.924; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.8C; Medium Temperature: 20.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.25, 5.25, 5.25); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Left-Hand-Side 2/Touch Position_BW 20MHz_100%RB/Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.05 W/kg

Left-Hand-Side 2/Touch Position_BW 20MHz_100%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.851 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.947 W/kg; SAR(10 g) = 0.559 W/kg
Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.05 W/kg = 0.23 dBW/kg

Plot 64

Date/Time: 3/23/2013 11:59:04 AM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-8748

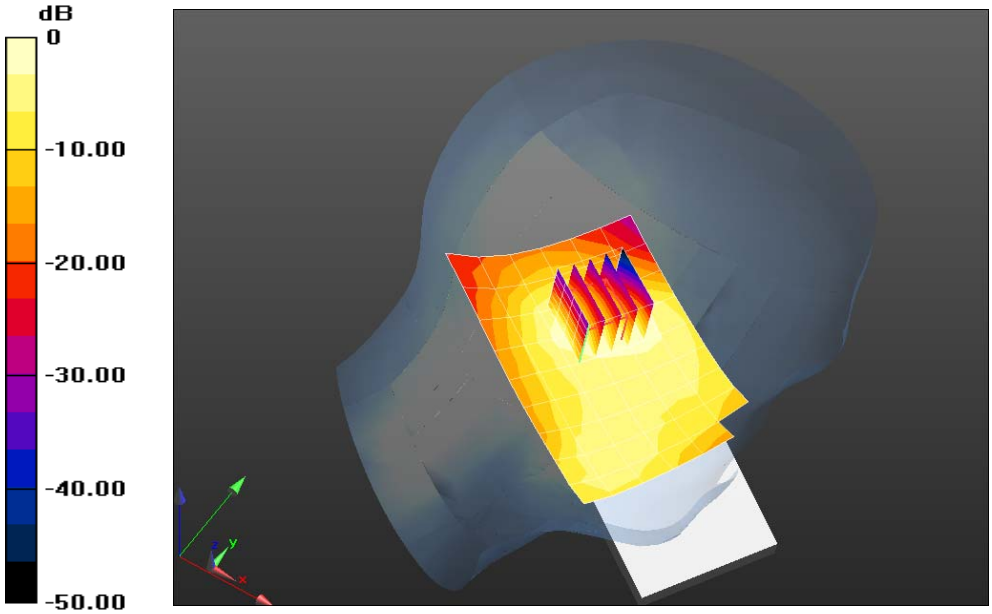
Communication System: LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 1732 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used: f = 1732 MHz; σ = 1.388 mho/m; ε_r = 38.924; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.8C Medium Temperature: 20.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.25, 5.25, 5.25); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Left-Hand-Side 2/Tilt Position_BW 20MHz_100%RB/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.380 W/kg

Left-Hand-Side 2/Tilt Position_BW 20MHz_100%RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.859 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.522 W/kg
SAR(1 g) = 0.335 W/kg; SAR(10 g) = 0.196 W/kg
Maximum value of SAR (measured) = 0.395 W/kg



0 dB = 0.380 W/kg = -4.20 dBW/kg

Plot 65

Date/Time: 3/23/2013 11:17:05 AM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-8748

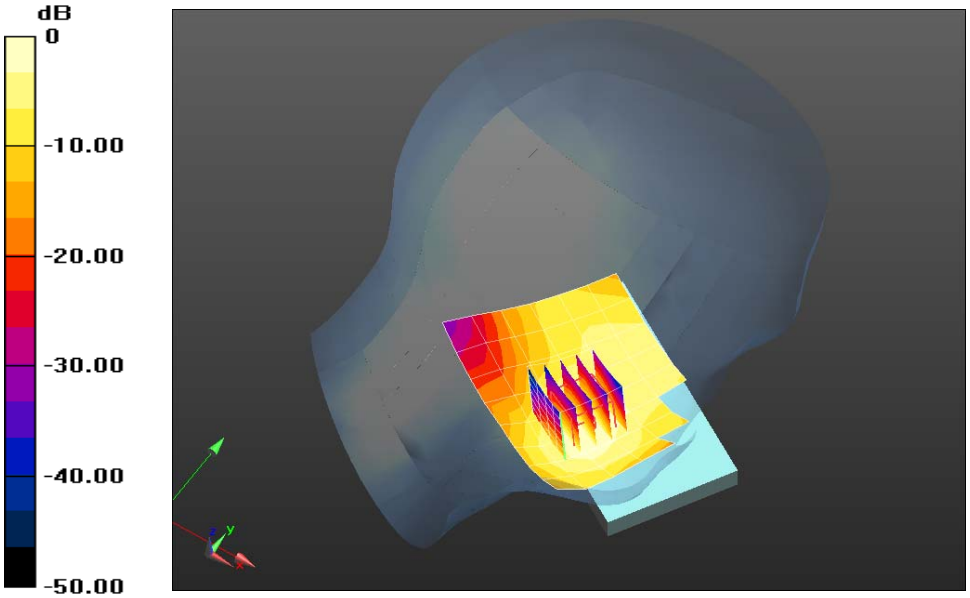
Communication System: LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 1710 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used: f = 1710 MHz; σ = 1.368 mho/m; ε_r = 39.043; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 22.0C; Medium Temperature: 20.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.25, 5.25, 5.25); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Left-Hand-Side 2/Touch Position_BW 20MHz_100%RB_Low Ch./Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.09 W/kg

Left-Hand-Side 2/Touch Position_BW 20MHz_100%RB_Low Ch./Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.188 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.596 W/kg
Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.09 W/kg = 0.38 dBW/kg

Plot 66

Date/Time: 3/23/2013 11:40:18 AM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-8748

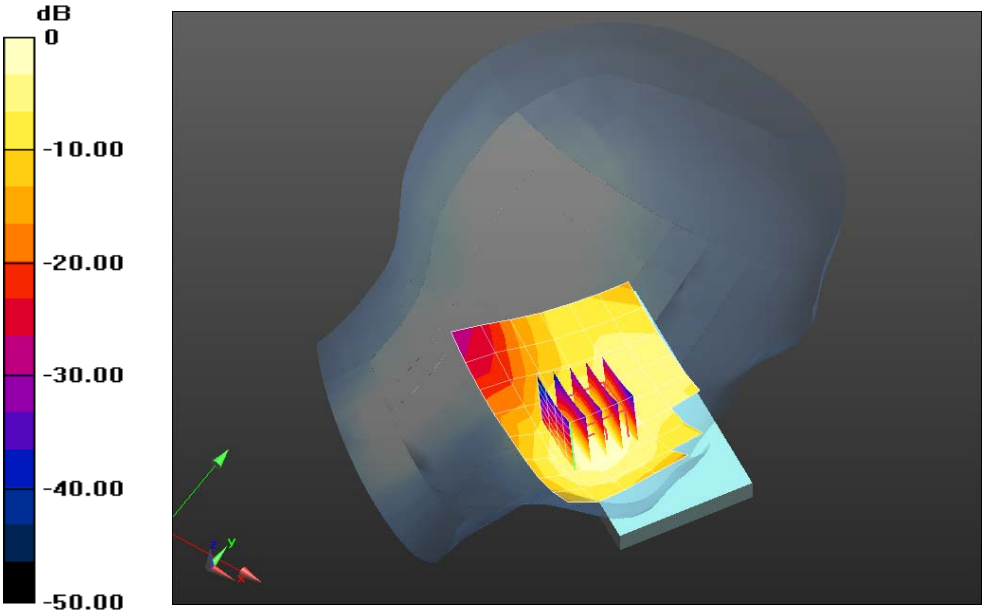
Communication System: LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 1755 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used: f = 1755 MHz; σ = 1.412 mho/m; ε_r = 38.789; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.7C; Medium Temperature: 20.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.25, 5.25, 5.25); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Left-Hand-Side 2/Touch Position_BW 20MHz_100%RB_High Ch./Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.04 W/kg

Left-Hand-Side 2/Touch Position_BW 20MHz_100%RB_High Ch./Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.466 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 0.960 W/kg; SAR(10 g) = 0.568 W/kg
Maximum value of SAR (measured) = 1.17 W/kg



0 dB = 1.04 W/kg = 0.19 dBW/kg

Plot 67

Date/Time: 3/23/2013 12:32:49 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-8748

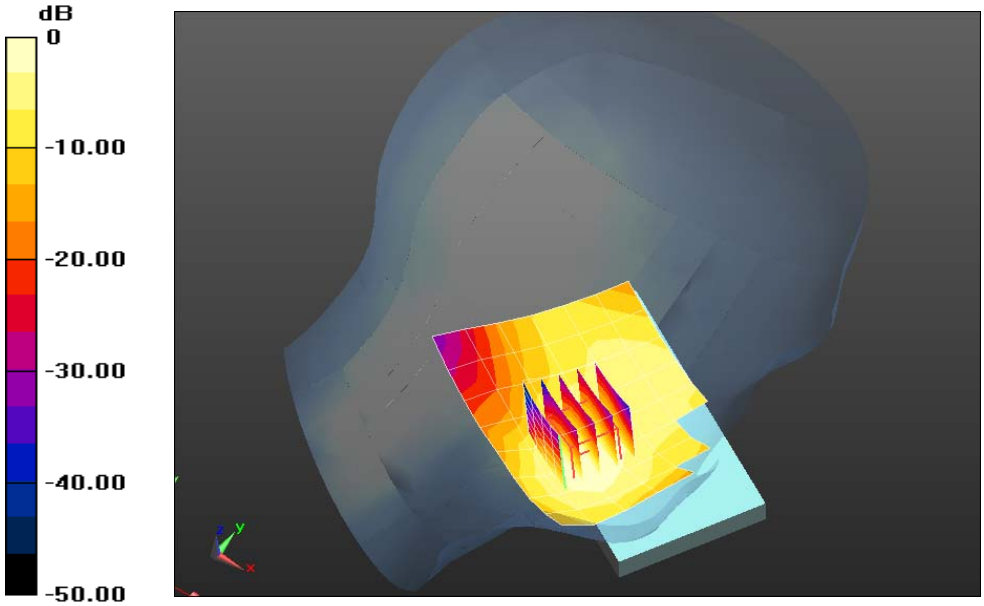
Communication System: LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 1720 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used: f = 1720 MHz; σ = 1.378 mho/m; ε_r = 38.983; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.6C; Medium Temperature: 20.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.25, 5.25, 5.25); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.3(988);

Left-Hand-Side 2/Touch Position_2nd Battery_BW 20MHz_100%RB High_Low Ch./Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.10 W/kg

Left-Hand-Side 2/Touch Position_2nd Battery_BW 20MHz_100%RB High_Low Ch./Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.664 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.913 W/kg; SAR(10 g) = 0.558 W/kg
Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.10 W/kg = 0.43 dBW/kg

Plot 68

Date/Time: 4/1/2013 10:54:53 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-6848

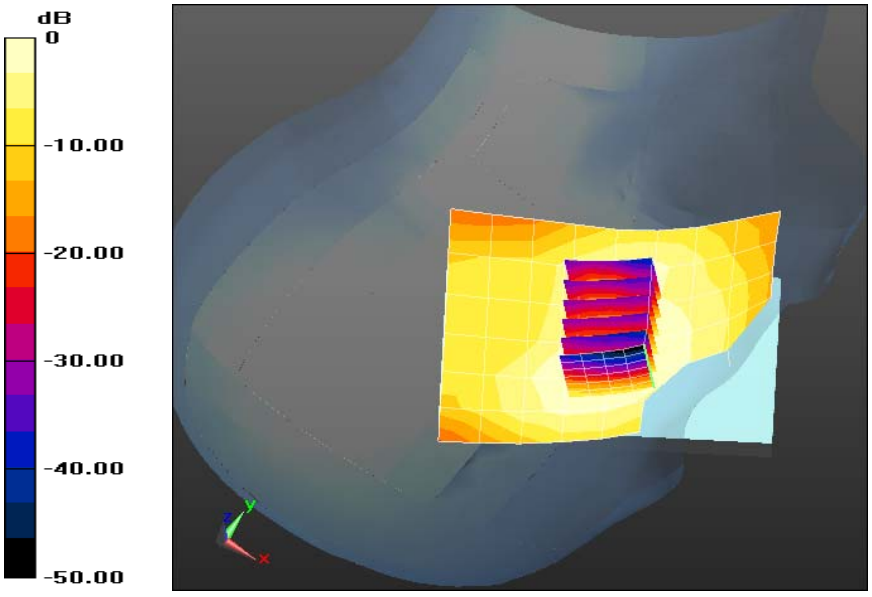
Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1732.5 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.359 mho/m; ε_r = 39.123; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 24.1C; Medium Temperature: 21.6C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.25, 5.25, 5.25); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.3(988);

Right-Hand Side 6.5 dB/Touch Position_High_BW 20MHz_1RB 2/Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.213 W/kg

Right-Hand Side 6.5 dB/Touch Position_High_BW 20MHz_1RB 2/Zoom Scan (5x6x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.595 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.302 W/kg
SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.123 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.220 W/kg



0 dB = 0.213 W/kg = -6.71 dBW/kg

Plot 69

Date/Time: 3/23/2013 1:59:07 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-6848

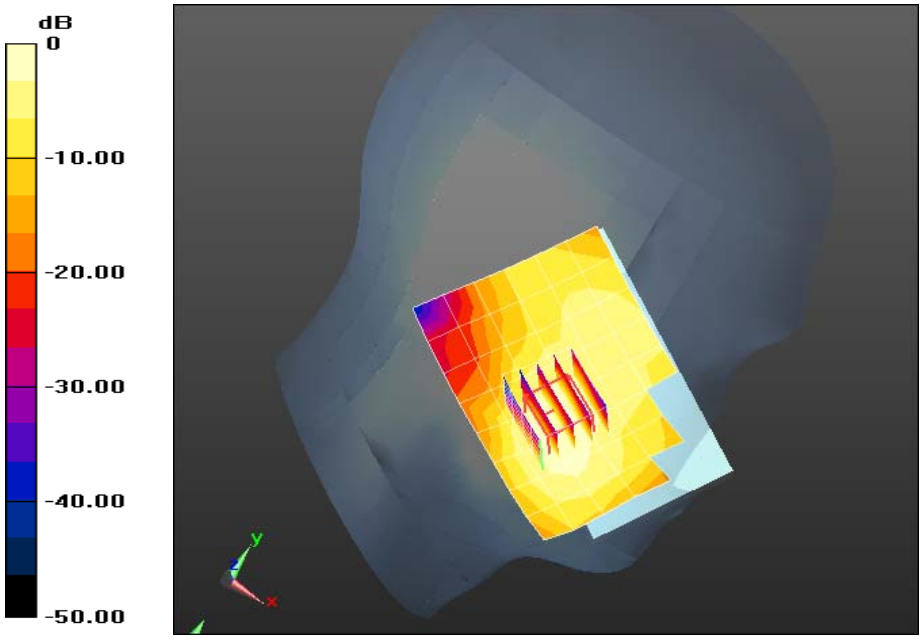
Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1720 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used: f = 1720 MHz; σ = 1.378 mho/m; ε_r = 38.983; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.9C; Medium Temperature: 20.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.25, 5.25, 5.25); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.3(988);

Left-Hand-Side 6.5 dB/Touch Position_BW 20MHz_1RB High_Low Ch./Area Scan (9x7x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.349 W/kg

Left-Hand-Side 6.5 dB/Touch Position_BW 20MHz_1RB High_Low Ch./Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.507 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.455 W/kg
SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.175 W/kg
Maximum value of SAR (measured) = 0.343 W/kg



0 dB = 0.349 W/kg = -4.57 dBW/kg

Plot 70

Date/Time: 3/23/2013 2:45:51 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-7446

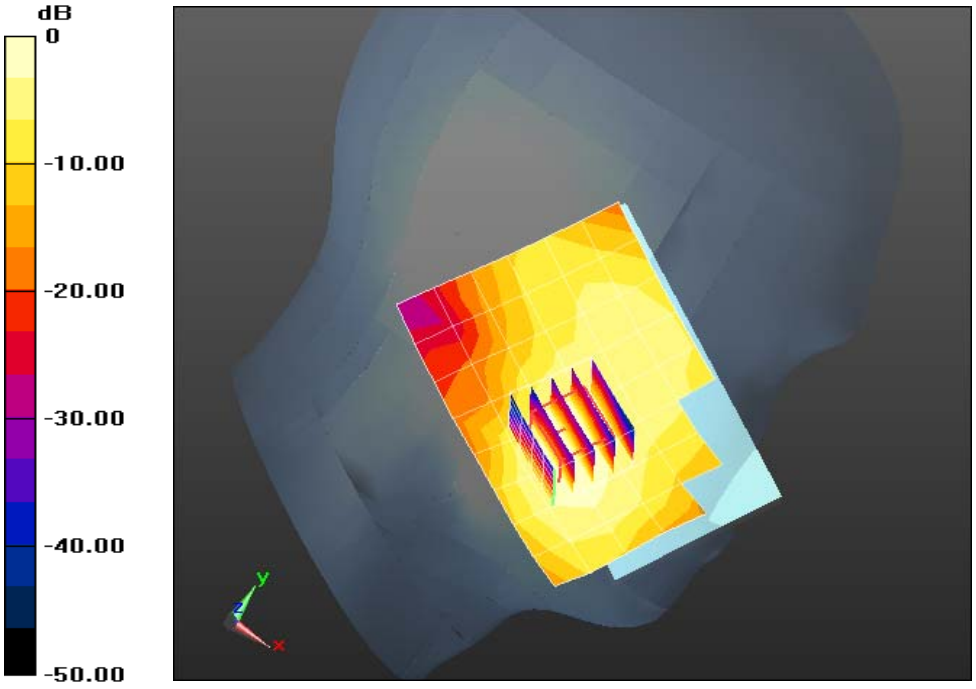
Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1720 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used: f = 1720 MHz; σ = 1.378 mho/m; ε_r = 38.983; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.9C; Medium Temperature: 20.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(5.25, 5.25, 5.25); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.3(988);

Left-Hand-Side 8.5 dB/Touch Position_High_BW 20MHz_1RB_Low Ch./Area Scan (9x7x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.146 W/kg

Left-Hand-Side 8.5 dB/Touch Position_High_BW 20MHz_1RB_Low Ch./Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.399 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.186 W/kg
SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.072 W/kg
Maximum value of SAR (measured) = 0.143 W/kg



0 dB = 0.146 W/kg = -8.36 dBW/kg

Plot 71

Date/Time: 3/15/2013 3:04:35 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3920-6260

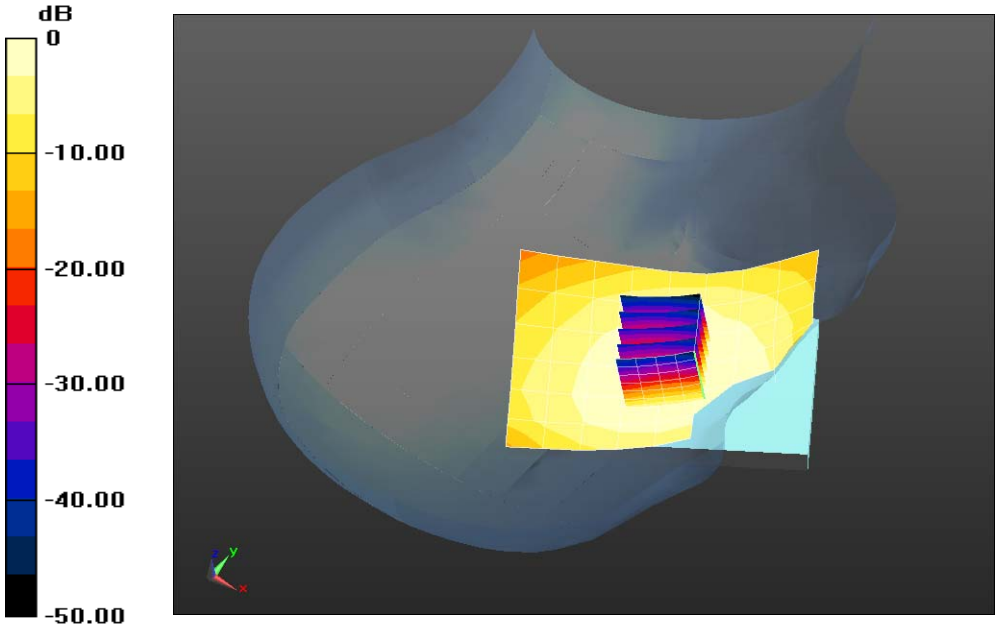
Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 782 MHz
Medium: HSL750_Batch 110524-3
Medium parameters used: f = 782 MHz; σ = 0.919 mho/m; ε_r = 40.222; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.2C; Medium Temperature: 22.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.28, 6.28, 6.28); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Right-Hand-Side/Touch Position_1RB_BW 10MHz_Low/Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.538 W/kg

Right-Hand-Side/Touch Position_1RB_BW 10MHz_Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.699 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.617 W/kg
SAR(1 g) = 0.484 W/kg; SAR(10 g) = 0.370 W/kg
Maximum value of SAR (measured) = 0.530 W/kg



0 dB = 0.538 W/kg = -2.70 dBW/kg

Plot 72

Date/Time: 3/15/2013 4:13:11 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3920-6260

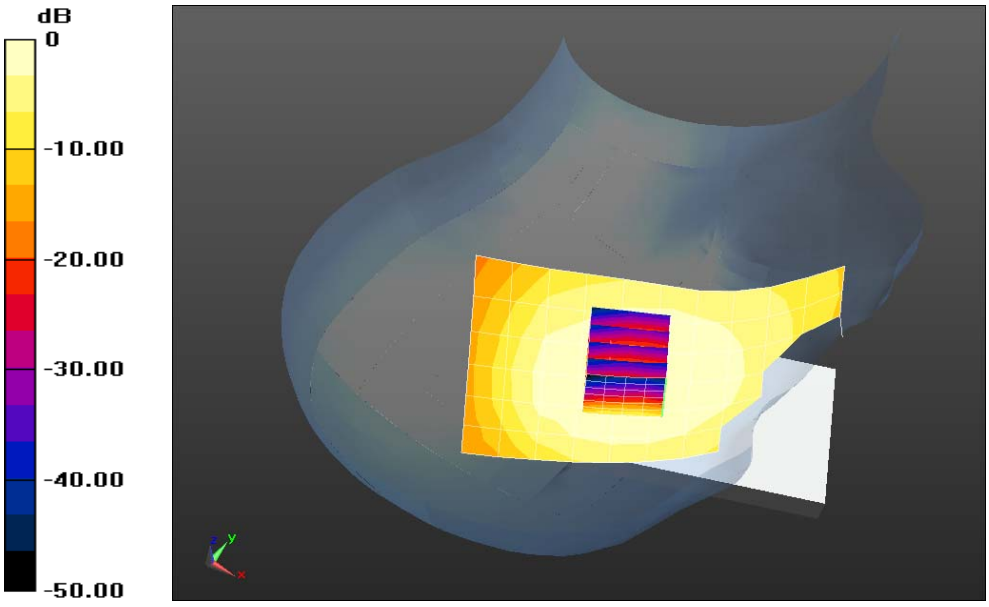
Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 782 MHz
Medium: HSL750_Batch 110524-3
Medium parameters used: f = 782 MHz; σ = 0.919 mho/m; ε_r = 40.222; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 22.0C; Medium Temperature: 22.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.28, 6.28, 6.28); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Right-Hand-Side/Tilt Position_1RB_BW 10MHz_Low/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.341 W/kg

Right-Hand-Side/Tilt Position_1RB_BW 10MHz_Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.955 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.393 W/kg
SAR(1 g) = 0.312 W/kg; SAR(10 g) = 0.241 W/kg



0 dB = 0.341 W/kg = -4.68 dBW/kg

Plot 73

Date/Time: 3/18/2013 10:49:28 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3920-6260

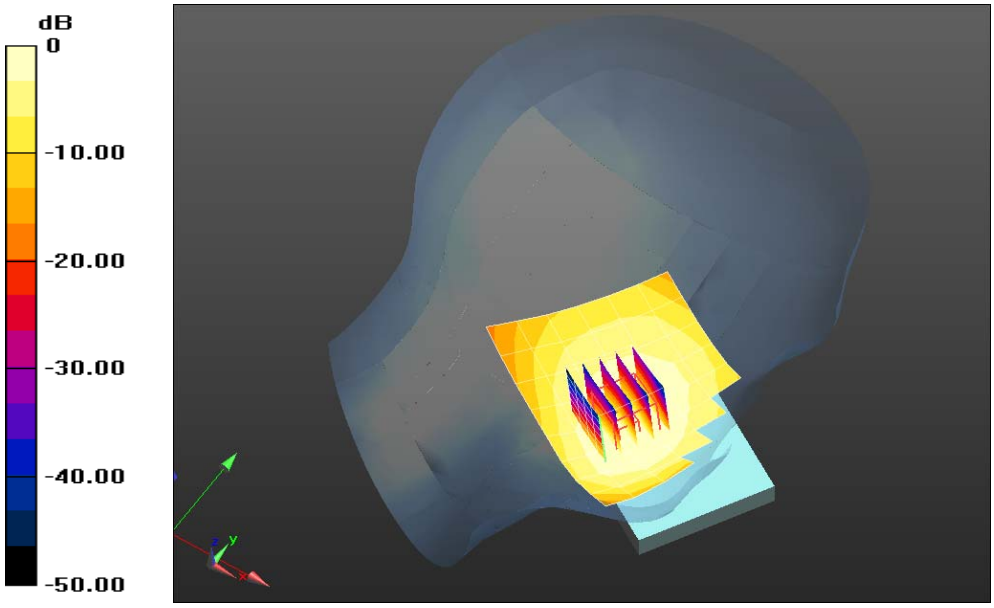
Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 782 MHz
Medium: HSL750_Batch 110524-3
Medium parameters used: f = 782 MHz; σ = 0.928 mho/m; ε_r = 40.399; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.2C; Medium Temperature: 21.2C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.28, 6.28, 6.28); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Left-Hand-Side/Touch Position_1RB_BW 10MHz_Low/Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.967 W/kg

Left-Hand-Side/Touch Position_1RB_BW 10MHz_Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.370 V/m; Power Drift = -0.21 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.872 W/kg; SAR(10 g) = 0.630 W/kg
Maximum value of SAR (measured) = 0.982 W/kg



0 dB = 0.967 W/kg = -0.15 dBW/kg

Plot 74

Date/Time: 3/18/2013 12:15:38 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3920-6260

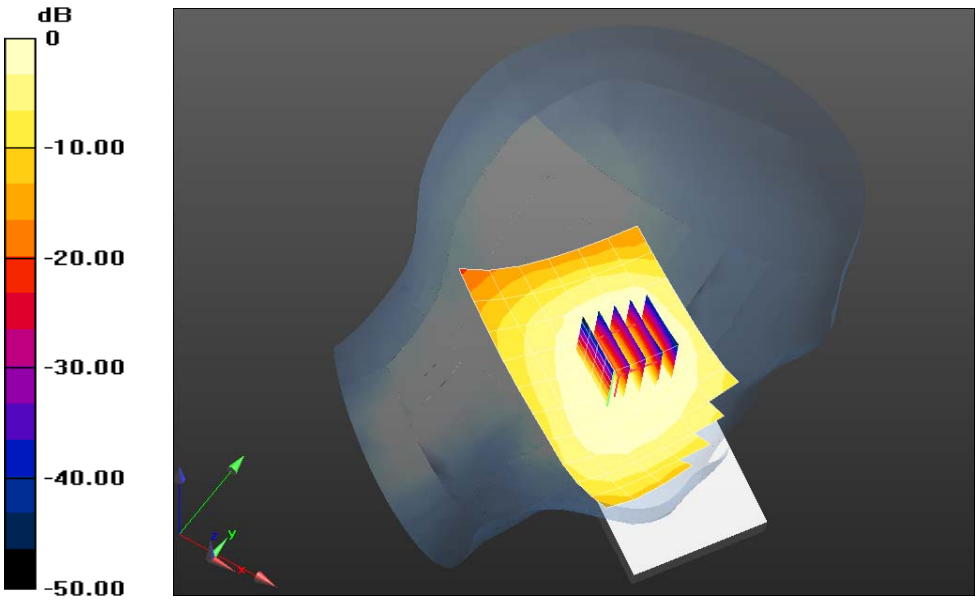
Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 782 MHz
Medium: HSL750_Batch 110524-3
Medium parameters used: f = 782 MHz; σ = 0.928 mho/m; ε_r = 40.399; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.9C; Medium Temperature: 21.8C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.28, 6.28, 6.28); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Left-Hand-Side/Tilt Position_1RB_BW 10MHz_Low/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.452 W/kg

Left-Hand-Side/Tilt Position_1RB_BW 10MHz_Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.074 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.523 W/kg
SAR(1 g) = 0.421 W/kg; SAR(10 g) = 0.325 W/kg
Maximum value of SAR (measured) = 0.461 W/kg



0 dB = 0.452 W/kg = -3.45 dBW/kg

Plot 75

Date/Time: 3/18/2013 2:58:35 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3920-6260

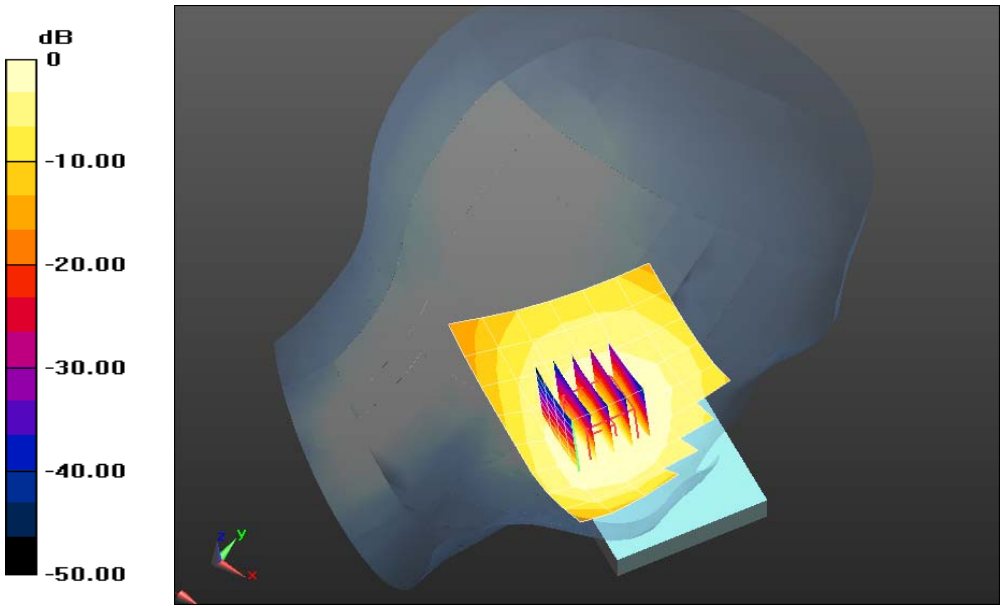
Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 782 MHz
Medium: HSL750_Batch 110524-3
Medium parameters used: f = 782 MHz; σ = 0.928 mho/m; ε_r = 40.399; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 22.1C; Medium Temperature: 21.2C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.28, 6.28, 6.28); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Left-Hand-Side/Touch Position_2nd Battery_1RB_BW 10MHz_Low/Area Scan (9x7x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.909 W/kg

Left-Hand-Side/Touch Position_2nd Battery_1RB_BW 10MHz_Low/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.776 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.849 W/kg; SAR(10 g) = 0.614 W/kg
Maximum value of SAR (measured) = 0.955 W/kg



0 dB = 0.909 W/kg = -0.41 dBW/kg

Plot 76

Date/Time: 3/15/2013 3:30:01 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3920-6260

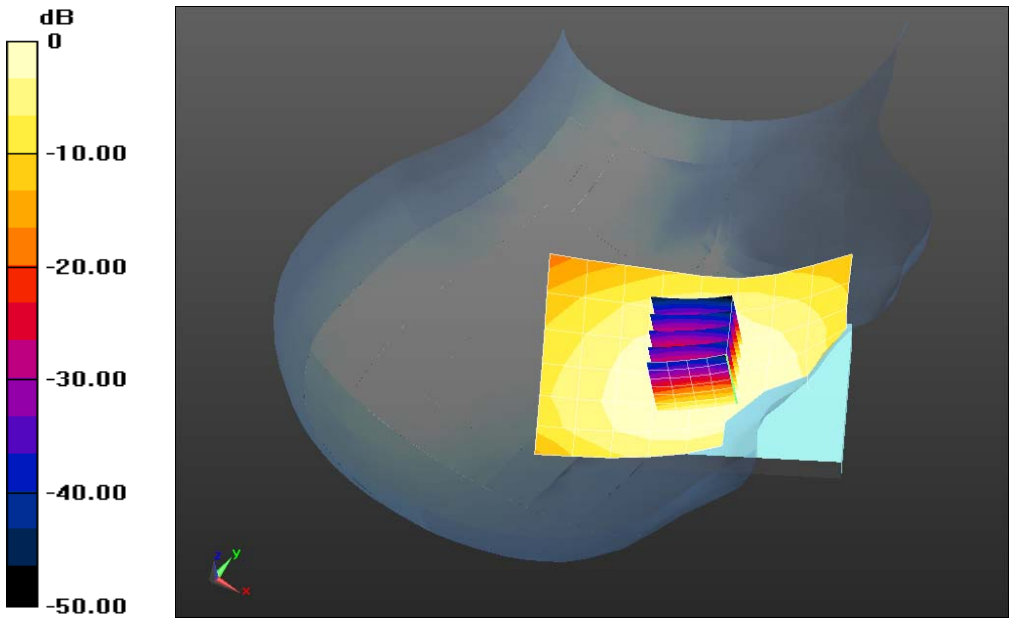
Communication System: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK); Frequency: 782 MHz
Medium: HSL750_Batch 110524-3
Medium parameters used: f = 782 MHz; σ = 0.919 mho/m; ε_r = 40.222; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.3C; Medium Temperature: 22.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.28, 6.28, 6.28); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Right-Hand-Side/Touch Position_25RB_BW 10MHz_Low/Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.383 W/kg

Right-Hand-Side/Touch Position_25RB_BW 10MHz_Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.099 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.441 W/kg
SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.266 W/kg
Maximum value of SAR (measured) = 0.382 W/kg



0 dB = 0.383 W/kg = -4.17 dBW/kg

Plot 77

Date/Time: 3/15/2013 3:57:49 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3920-6260

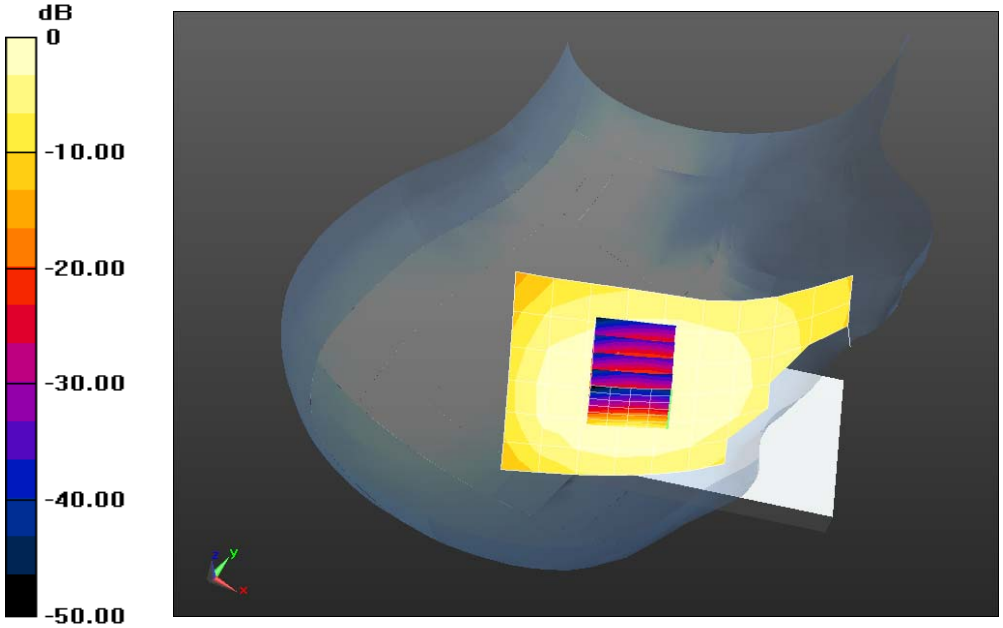
Communication System: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK); Frequency: 782 MHz
Medium: HSL750_Batch 110524-3
Medium parameters used: f = 782 MHz; σ = 0.919 mho/m; ε_r = 40.222; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 22.1C; Medium Temperature: 22.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.28, 6.28, 6.28); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Right-Hand-Side/Tilt Position_25RB_BW 10MHz_Low/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.257 W/kg

Right-Hand-Side/Tilt Position_25RB_BW 10MHz_Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.459 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.293 W/kg
SAR(1 g) = 0.236 W/kg; SAR(10 g) = 0.183 W/kg



0 dB = 0.257 W/kg = -5.90 dBW/kg

Plot 78

Date/Time: 3/18/2013 11:08:04 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3920-6260

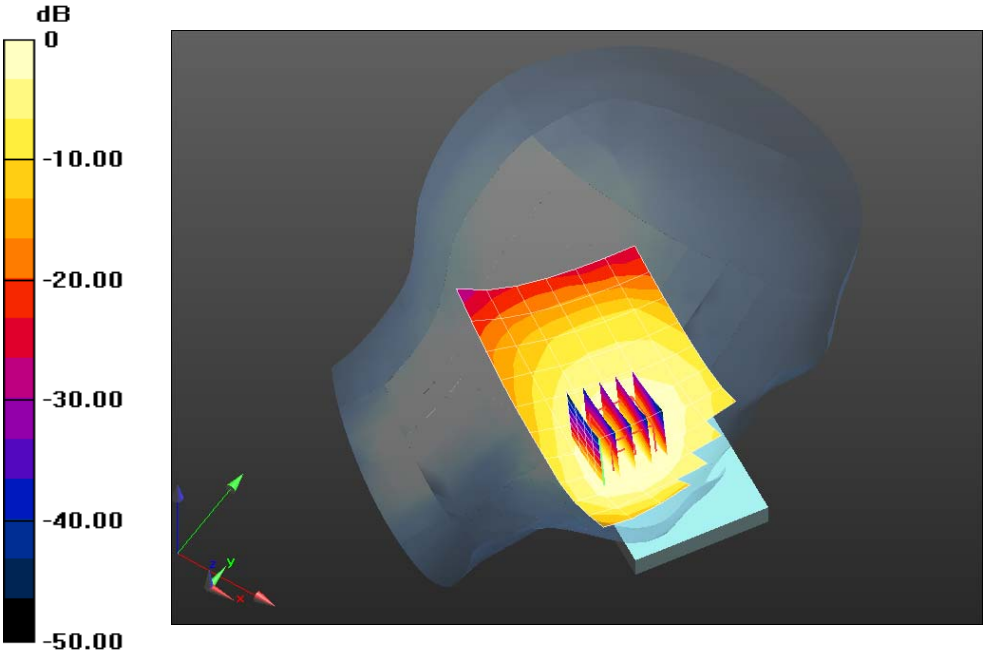
Communication System: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK); Frequency: 782 MHz
Medium: HSL750_Batch 110524-3
Medium parameters used: f = 782 MHz; σ = 0.928 mho/m; ε_r = 40.399; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.6C; Medium Temperature: 21.2C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.28, 6.28, 6.28); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Left-Hand-Side/Touch Position_25RB_BW 10MHz_Low/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.631 W/kg

Left-Hand-Side/Touch Position_25RB_BW 10MHz_Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.343 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.775 W/kg
SAR(1 g) = 0.587 W/kg; SAR(10 g) = 0.426 W/kg
Maximum value of SAR (measured) = 0.660 W/kg



0 dB = 0.631 W/kg = -2.00 dBW/kg

Plot 79

Date/Time: 3/18/2013 11:36:55 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3920-6260

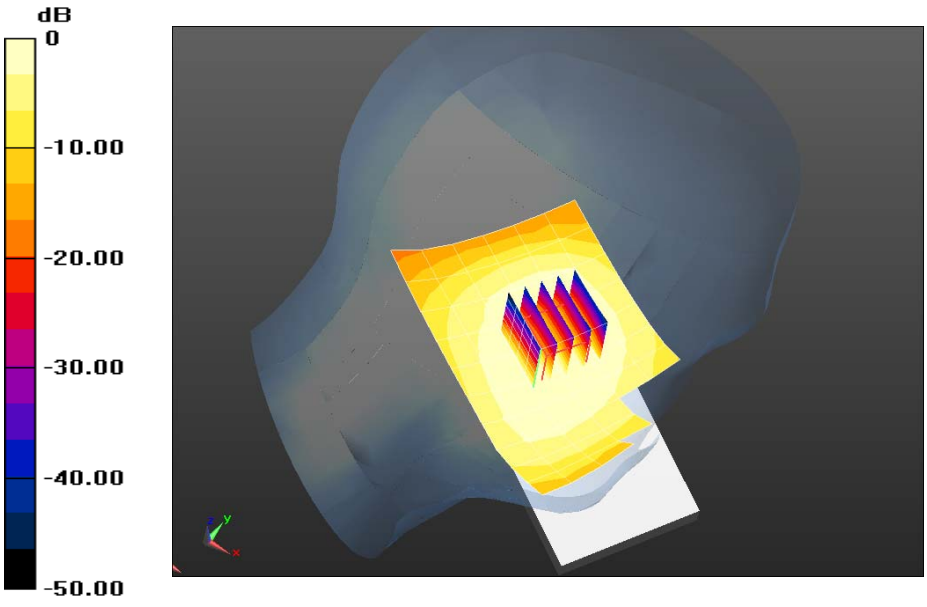
Communication System: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK); Frequency: 782 MHz
Medium: HSL750_Batch 110524-3
Medium parameters used: f = 782 MHz; σ = 0.928 mho/m; ε_r = 40.399; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.8C; Medium Temperature: 21.2C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.28, 6.28, 6.28); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Left-Hand-Side/Tilt Position_25RB_BW 10MHz_Low/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.308 W/kg

Left-Hand-Side/Tilt Position_25RB_BW 10MHz_Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.334 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.364 W/kg
SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.224 W/kg
Maximum value of SAR (measured) = 0.321 W/kg



0 dB = 0.308 W/kg = -5.12 dBW/kg

Plot 80

Date/Time: 3/18/2013 3:20:33 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3920-6260

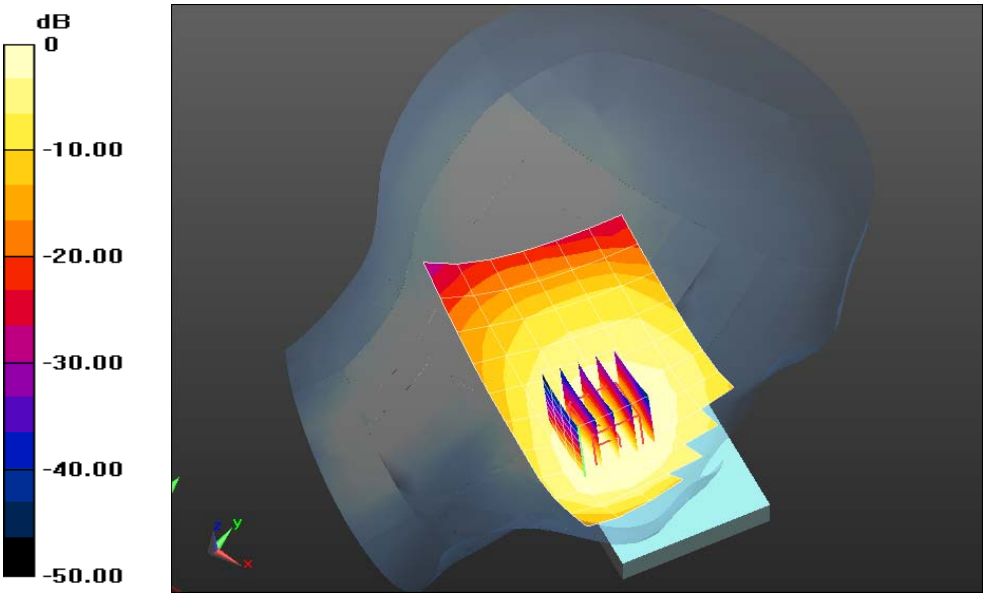
Communication System: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK); Frequency: 782 MHz
Medium: HSL750_Batch 110524-3
Medium parameters used: f = 782 MHz; σ = 0.928 mho/m; ε_r = 40.399; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.3C; Medium Temperature: 21.2C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.28, 6.28, 6.28); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Left-Hand-Side/Touch Position_2nd Battery_25RB_BW 10MHz_Low/Area Scan (11x7x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.602 W/kg

Left-Hand-Side/Touch Position_2nd Battery_25RB_BW 10MHz_Low/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.866 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.757 W/kg
SAR(1 g) = 0.570 W/kg; SAR(10 g) = 0.415 W/kg
Maximum value of SAR (measured) = 0.640 W/kg



0 dB = 0.602 W/kg = -2.21 dBW/kg

Plot 81

Date/Time: 3/20/2013 5:05:17 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3920-6260

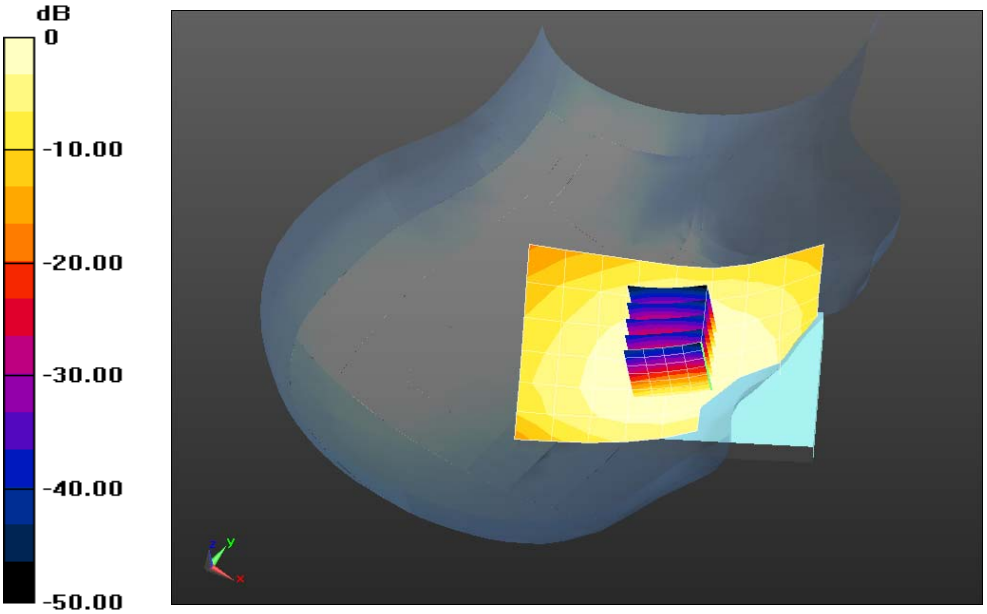
Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 782 MHz
Medium: HSL750_Batch 110524-3
Medium parameters used: f = 782 MHz; σ = 0.932 mho/m; ε_r = 39.871; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.8C; Medium Temperature: 21.0C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.28, 6.28, 6.28); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Right-Hand-Side RB50/Touch Position_50RB_BW 10MHz_Low/Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.369 W/kg

Right-Hand-Side RB50/Touch Position_50RB_BW 10MHz_Low/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.883 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.437 W/kg
SAR(1 g) = 0.345 W/kg; SAR(10 g) = 0.264 W/kg
Maximum value of SAR (measured) = 0.377 W/kg



0 dB = 0.369 W/kg = -4.33 dBW/kg

Plot 82

Date/Time: 3/20/2013 5:22:53 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3920-6260

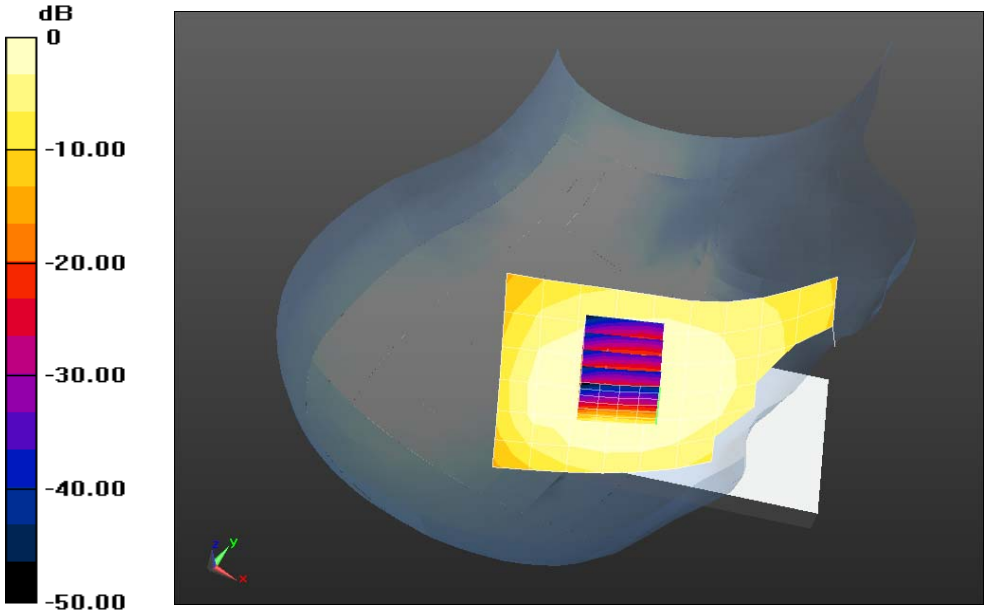
Communication System: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK); Frequency: 782 MHz
Medium: HSL750_Batch 110524-3
Medium parameters used: f = 782 MHz; σ = 0.932 mho/m; ε_r = 39.871; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.3C; Medium Temperature: 21.0C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.28, 6.28, 6.28); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Right-Hand-Side RB50/Tilt Position_50RB_BW 10MHz_Low/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.264 W/kg

Right-Hand-Side RB50/Tilt Position_50RB_BW 10MHz_Low/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.483 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.302 W/kg
SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.188 W/kg
Maximum value of SAR (measured) = 0.266 W/kg



0 dB = 0.264 W/kg = -5.78 dBW/kg

Plot 83

Date/Time: 3/21/2013 8:33:33 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3920-6260

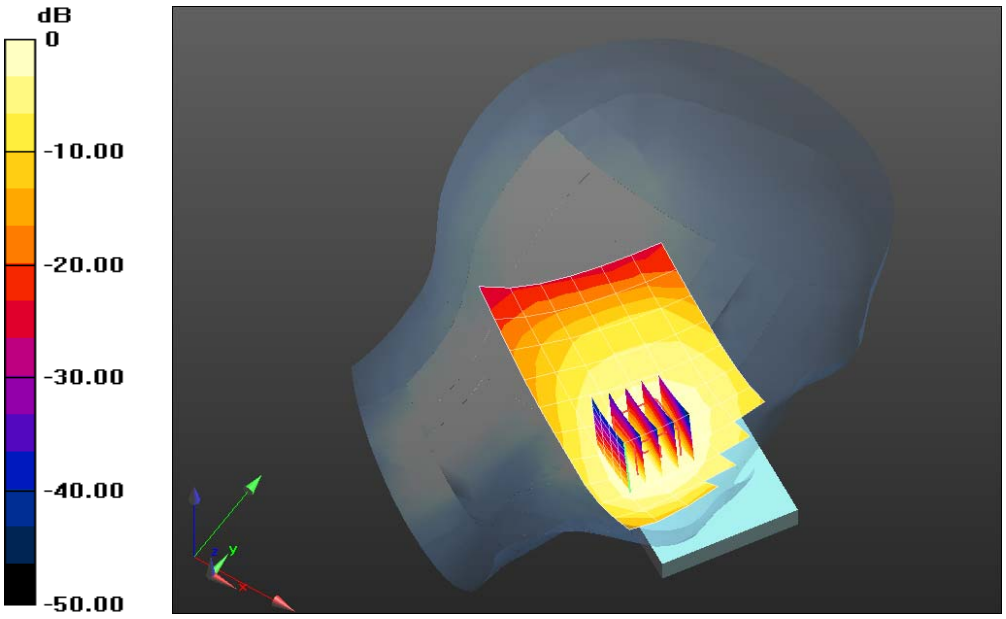
Communication System: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK); Frequency: 782 MHz
Medium: HSL750_Batch 110524-3
Medium parameters used: f = 782 MHz; σ = 0.932 mho/m; ε_r = 39.871; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.0C; Medium Temperature: 21.0C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.28, 6.28, 6.28); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Left-Hand-Side RB50/Touch Position_50RB_BW 10MHz_Low/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.608 W/kg

Left-Hand-Side RB50/Touch Position_50RB_BW 10MHz_Low/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.720 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.733 W/kg
SAR(1 g) = 0.557 W/kg; SAR(10 g) = 0.404 W/kg
Maximum value of SAR (measured) = 0.620 W/kg



0 dB = 0.264 W/kg = -5.78 dBW/kg

Plot 84

Date/Time: 3/21/2013 8:51:23 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3920-6260

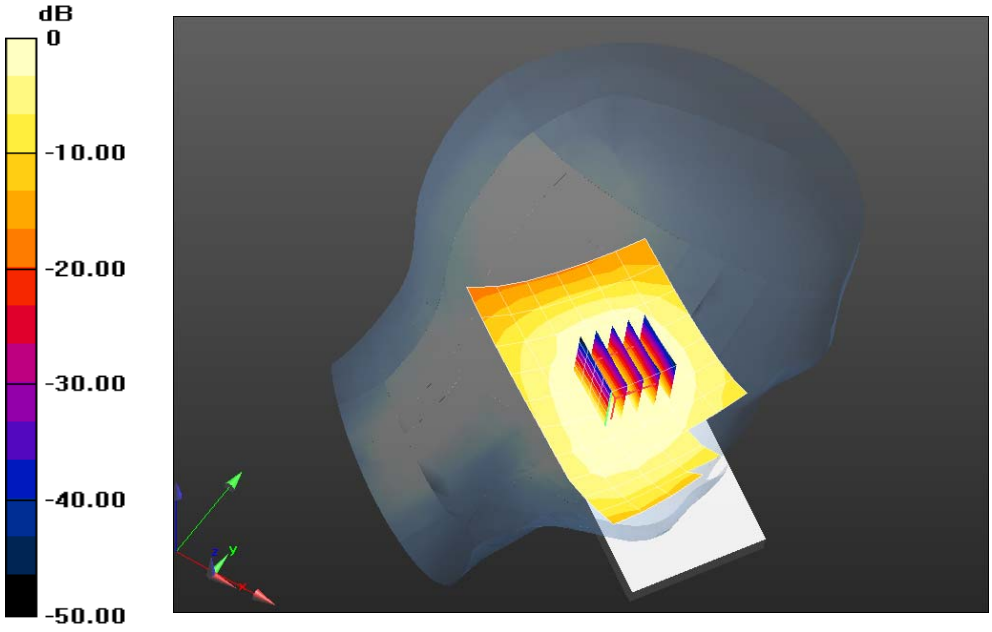
Communication System: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK); Frequency: 782 MHz
Medium: HSL750_Batch 110524-3
Medium parameters used: f = 782 MHz; σ = 0.932 mho/m; ε_r = 39.871; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.1C; Medium Temperature: 21.0C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.28, 6.28, 6.28); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Left-Hand-Side RB50/Tilt Position_50RB_BW 10MHz_Low/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.284 W/kg

Left-Hand-Side RB50/Tilt Position_50RB_BW 10MHz_Low/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.951 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.343 W/kg
SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.210 W/kg
Maximum value of SAR (measured) = 0.299 W/kg



0 dB = 0.284 W/kg = -5.46 dBW/kg

Plot 85

Date/Time: 3/21/2013 9:40:54 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3920-6260

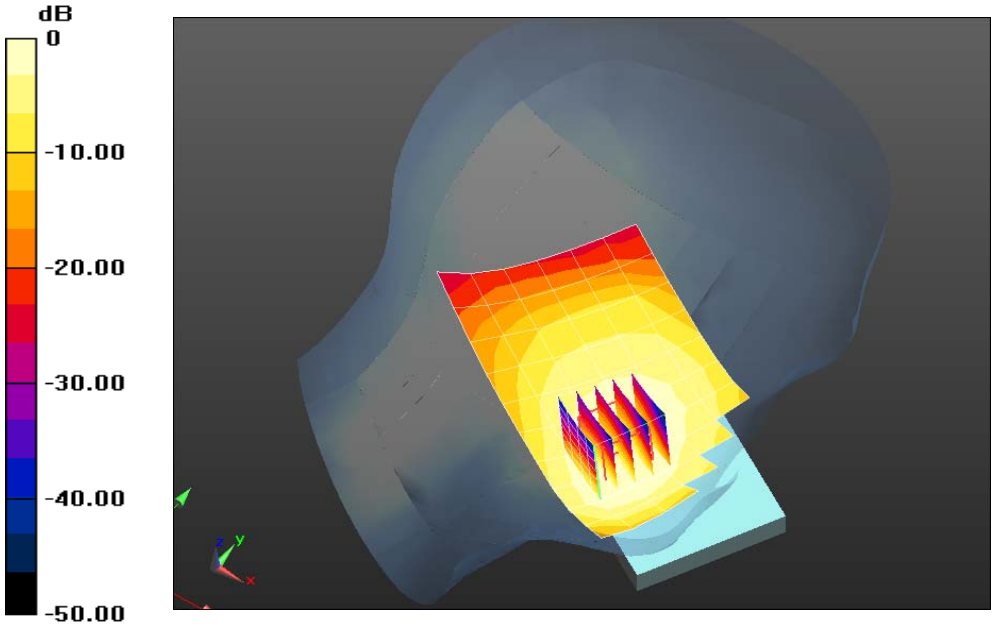
Communication System: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK); Frequency: 782 MHz
Medium: HSL750_Batch 110524-3
Medium parameters used: f = 782 MHz; σ = 0.932 mho/m; ε_r = 39.871; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.7C; Medium Temperature: 21.2C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.28, 6.28, 6.28); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Left-Hand-Side RB50/Touch Position_2 Battery_50RB_BW 10MHz_Low/Area Scan (11x7x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.645 W/kg

Left-Hand-Side RB50/Touch Position_2 Battery_50RB_BW 10MHz_Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.463 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.777 W/kg
SAR(1 g) = 0.592 W/kg; SAR(10 g) = 0.427 W/kg
Maximum value of SAR (measured) = 0.651 W/kg



0 dB = 0.645 W/kg = -1.90 dBW/kg

Plot 86

Date/Time: 4/1/2013 12:17:28 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3915-1461

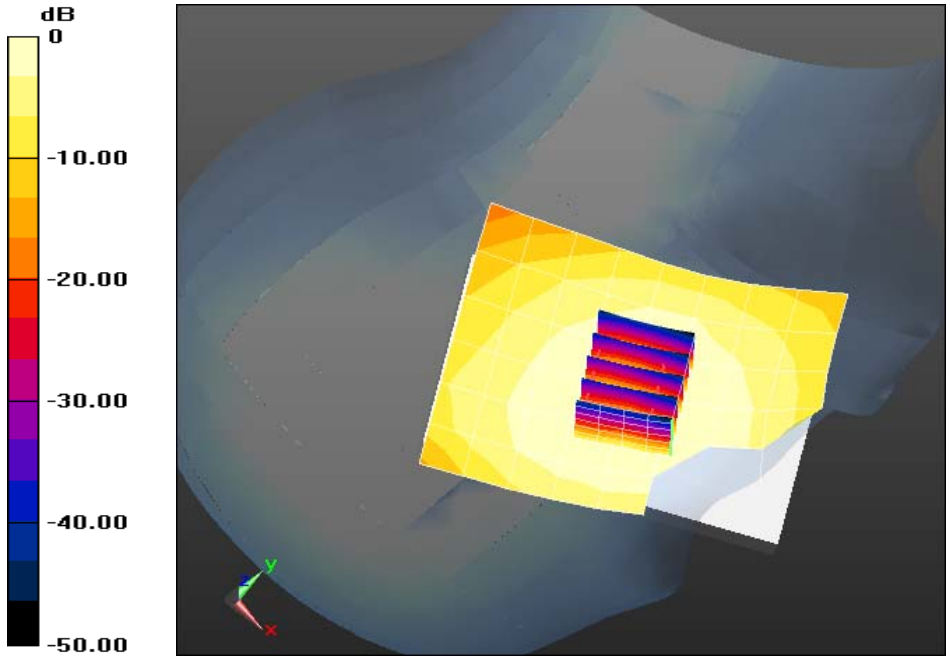
Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 782 MHz
Medium: HSL750_Batch 110524-3
Medium parameters used: f = 782 MHz; σ = 0.936 mho/m; ε_r = 39.833; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 21.5C; Medium Temperature: 22.3C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.28, 6.28, 6.28); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Right-Hand Side 3 dB/Touch Position_1RB_BW 10MHz_Low/Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.262 W/kg

Right-Hand Side 3 dB/Touch Position_1RB_BW 10MHz_Low/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.574 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.311 W/kg
SAR(1 g) = 0.249 W/kg; SAR(10 g) = 0.189 W/kg
Maximum value of SAR (measured) = 0.272 W/kg



0 dB = 0.262 W/kg = -5.81 dBW/kg

Plot 87

Date/Time: 3/18/2013 1:19:16 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3915-1461

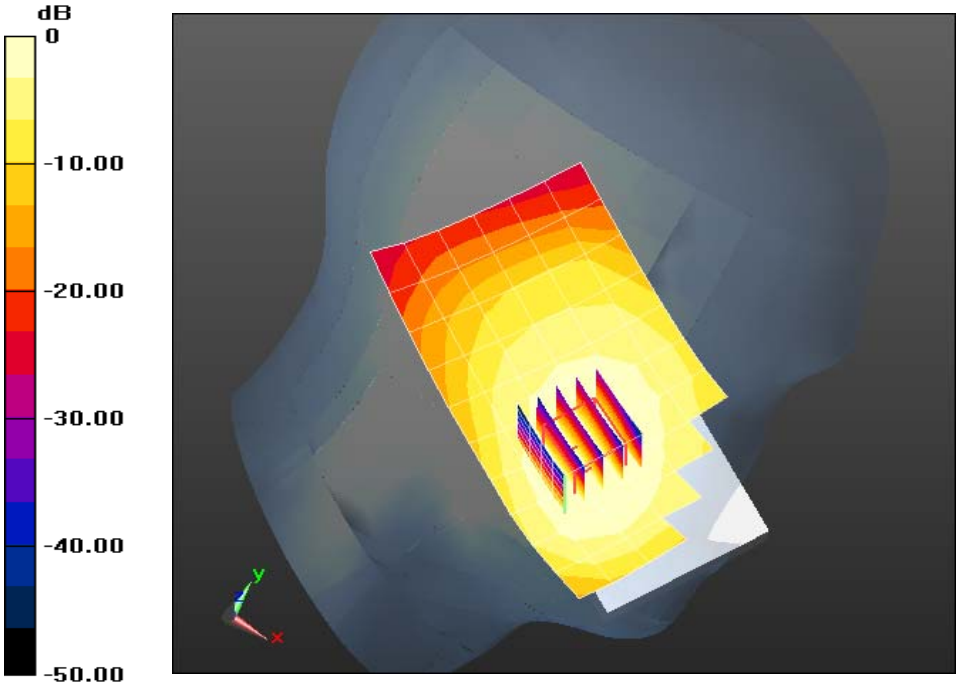
Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 782 MHz
Medium: HSL750_Batch 110524-3
Medium parameters used: f = 782 MHz; σ = 0.928 mho/m; ε_r = 40.399; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 22.3C; Medium Temperature: 21.2C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.28, 6.28, 6.28); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Left-Hand-3db/Touch Position_SVLTE 3db_1RB_BW 10MHz_Low/Area Scan (11x7x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.430 W/kg

Left-Hand-3db/Touch Position_SVLTE 3db_1RB_BW 10MHz_Low/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.535 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.504 W/kg
SAR(1 g) = 0.380 W/kg; SAR(10 g) = 0.278 W/kg
Maximum value of SAR (measured) = 0.418 W/kg



0 dB = 0.430 W/kg = -3.66 dBW/kg

Plot 88

Date/Time: 3/18/2013 2:36:10 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

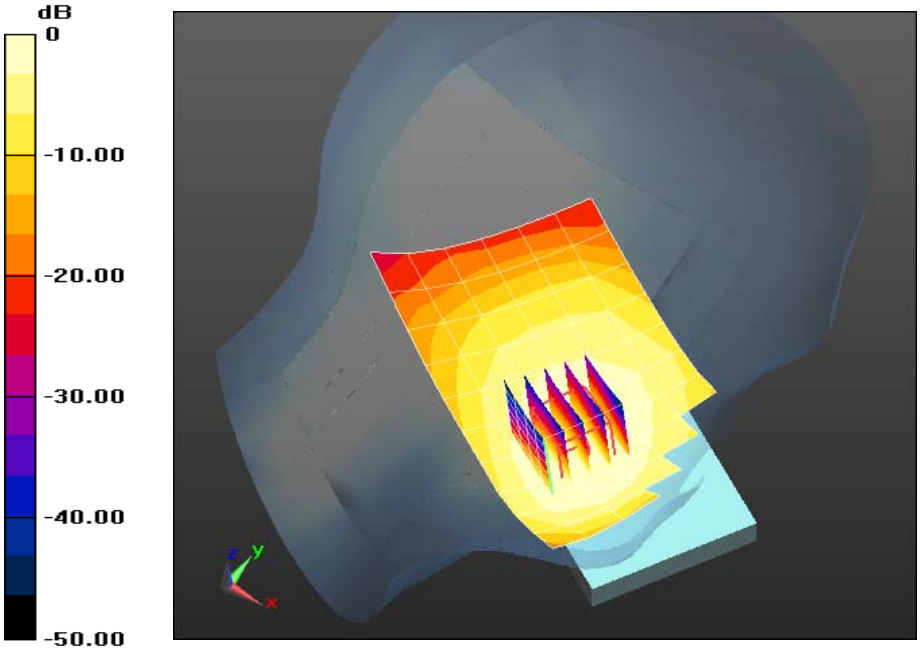
Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 782 MHz
Medium: HSL750_Batch 110524-3
Medium parameters used: f = 782 MHz; σ = 0.928 mho/m; ε_r = 40.399; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 22.2C; Medium Temperature: 21.2C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.28, 6.28, 6.28); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Back; Type: QD000P40CD; Serial: TP-1638
- DASY52 52.8.1(838);

Left-Hand-5db/Touch Position_SVLTE 5db_1RB_BW 10MHz_Low/Area Scan (11x7x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.207 W/kg

Left-Hand-5db/Touch Position_SVLTE 5db_1RB_BW 10MHz_Low/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.699 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.252 W/kg
SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.140 W/kg
Maximum value of SAR (measured) = 0.217 W/kg



0 dB = 0.207 W/kg = -6.85 dBW/kg

Plot 89

Date/Time: 4/5/2013 3:47:40 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-7651

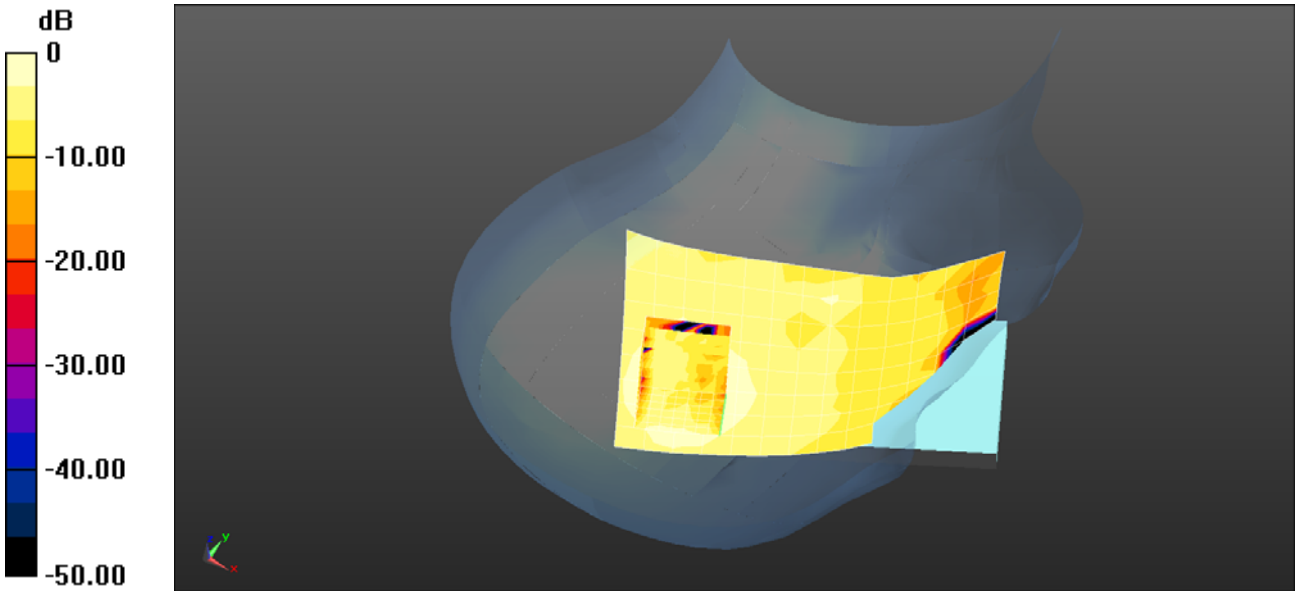
Communication System: IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2441 MHz
Medium: HSL2450_Batch 100907-2
Medium parameters used: f = 2441 MHz; σ = 1.855 mho/m; ε_r = 37.74; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 25.1C ; Medium Temperature: 21.9C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.73, 4.73, 4.73); Calibrated: 9/25/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Right-Hand-Side/Touch Position_2441MHz/Area Scan (14x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0130 W/kg

Right-Hand-Side/Touch Position_2441MHz/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.582 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.0240 W/kg
SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.00776 W/kg
Maximum value of SAR (measured) = 0.0152 W/kg



0 dB = 0.0130 W/kg = -18.86 dBW/kg

Plot 90

Date/Time: 4/5/2013 3:15:21 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-7651

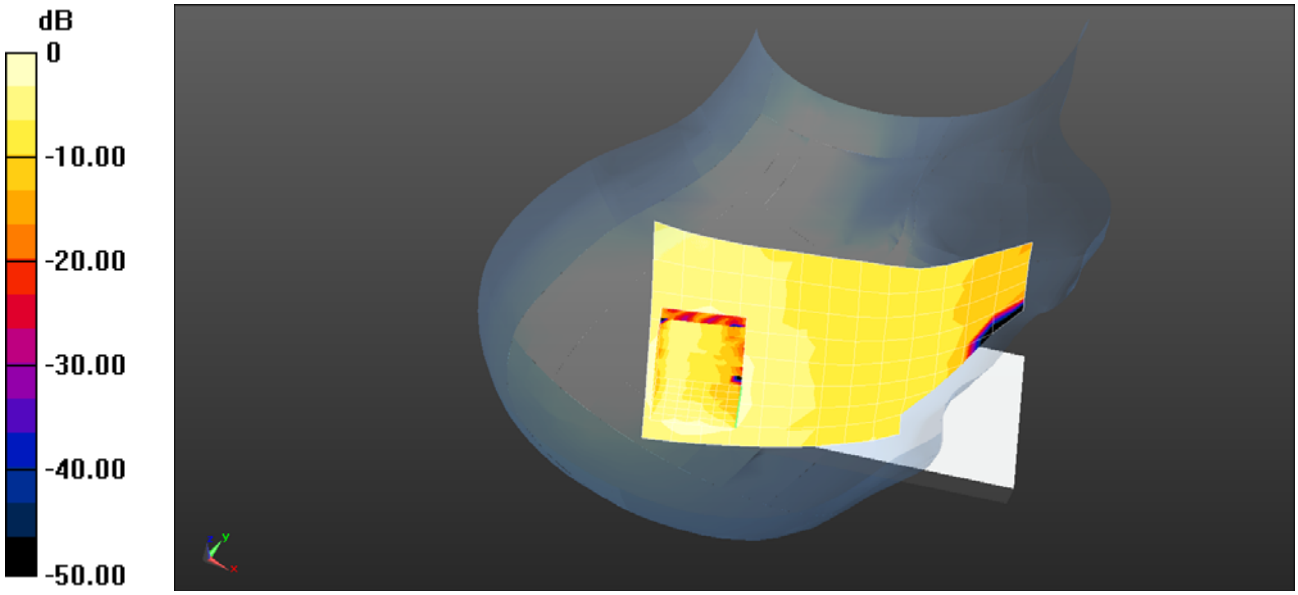
Communication System: IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2441 MHz
Medium: HSL2450_Batch 100907-2
Medium parameters used: f = 2441 MHz; σ = 1.855 mho/m; ε_r = 37.74; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature:24C ; Medium Temperature: 21.9C; Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.73, 4.73, 4.73); Calibrated: 9/25/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Right-Hand-Side/Tilt Position_2441MHz/Area Scan (14x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0164 W/kg

Right-Hand-Side/Tilt Position_2441MHz/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.614 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.0270 W/kg
SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.00764 W/kg
Maximum value of SAR (measured) = 0.0150 W/kg



0 dB = 0.0164 W/kg = -17.84 dBW/kg

Plot 91

Date/Time: 4/5/2013 4:36:54 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-7651

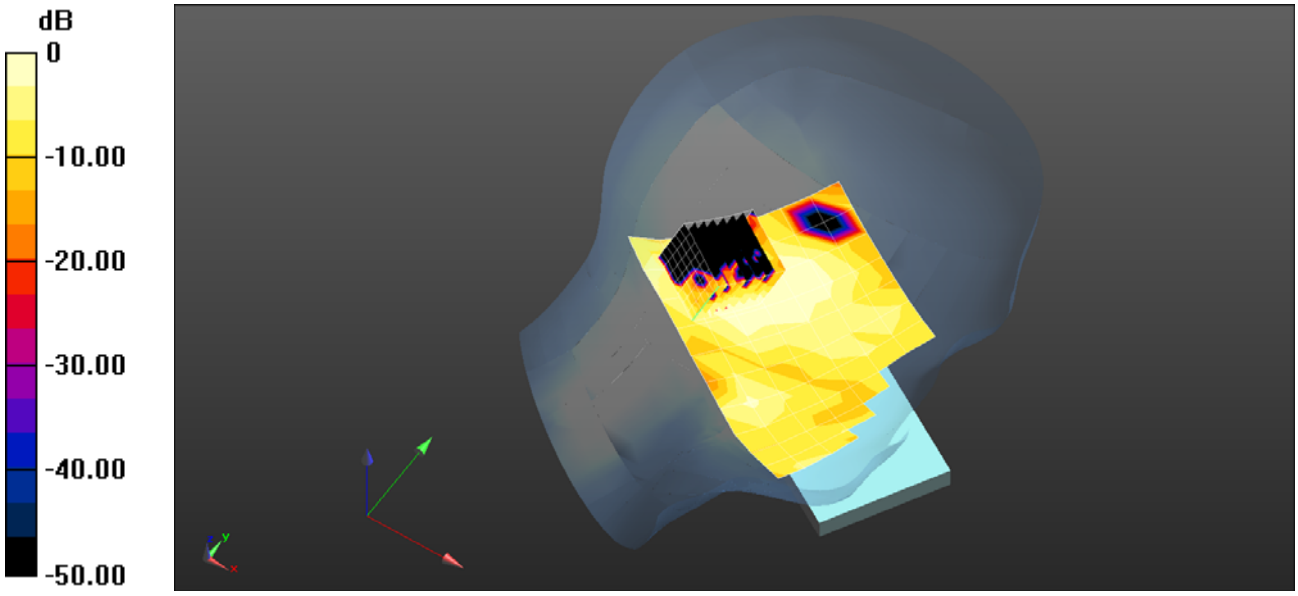
Communication System: IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2441 MHz
Medium: HSL2450_Batch 100907-2
Medium parameters used: f = 2441 MHz; σ = 1.855 mho/m; ε_r = 37.74; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John ; Air Temperature: 23.5C; Medium Temperature: 21.9C ;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.73, 4.73, 4.73); Calibrated: 9/25/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

Left-Hand-Side/Touch Position/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.00641 W/kg

Left-Hand-Side/Touch Position/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.224 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.0280 W/kg
SAR(1 g) = 0.00513 W/kg; SAR(10 g) = 0.00214 W/kg
Maximum value of SAR (measured) = 0.00814 W/kg



0 dB = 0.00641 W/kg = -21.93 dBW/kg

Plot 92

Date/Time: 4/5/2013 5:07:29 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-7651

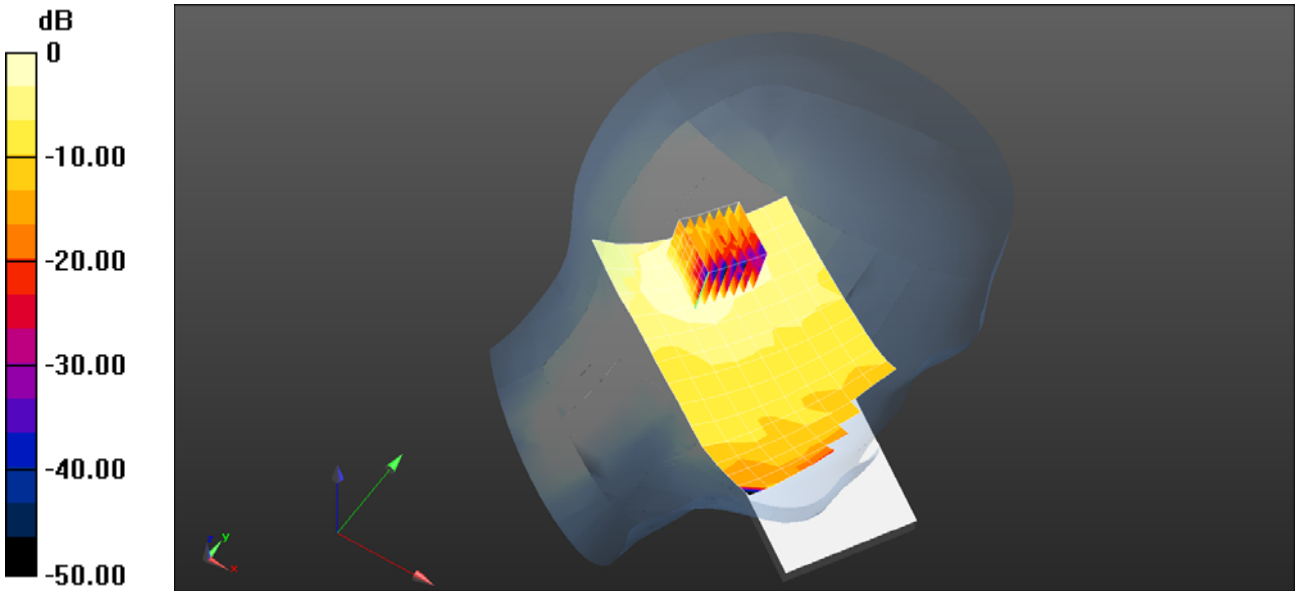
Communication System: IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2441 MHz
Medium: HSL2450_Batch 100907-2
Medium parameters used: f = 2441 MHz; σ = 1.855 mho/m; ε_r = 37.74; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John ; Air Temperature: 23.3C; Medium Temperature: 21.9C ;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.73, 4.73, 4.73); Calibrated: 9/25/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

Left-Hand-Side/Tilt Position/Area Scan (14x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0146 W/kg

Left-Hand-Side/Tilt Position/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.810 V/m; Power Drift = 0.21 dB
Peak SAR (extrapolated) = 0.0220 W/kg
SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.00761 W/kg
Maximum value of SAR (measured) = 0.0140 W/kg



0 dB = 0.0146 W/kg = -18.36 dBW/kg

Plot 93

Date/Time: 4/5/2013 6:09:23 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-7651

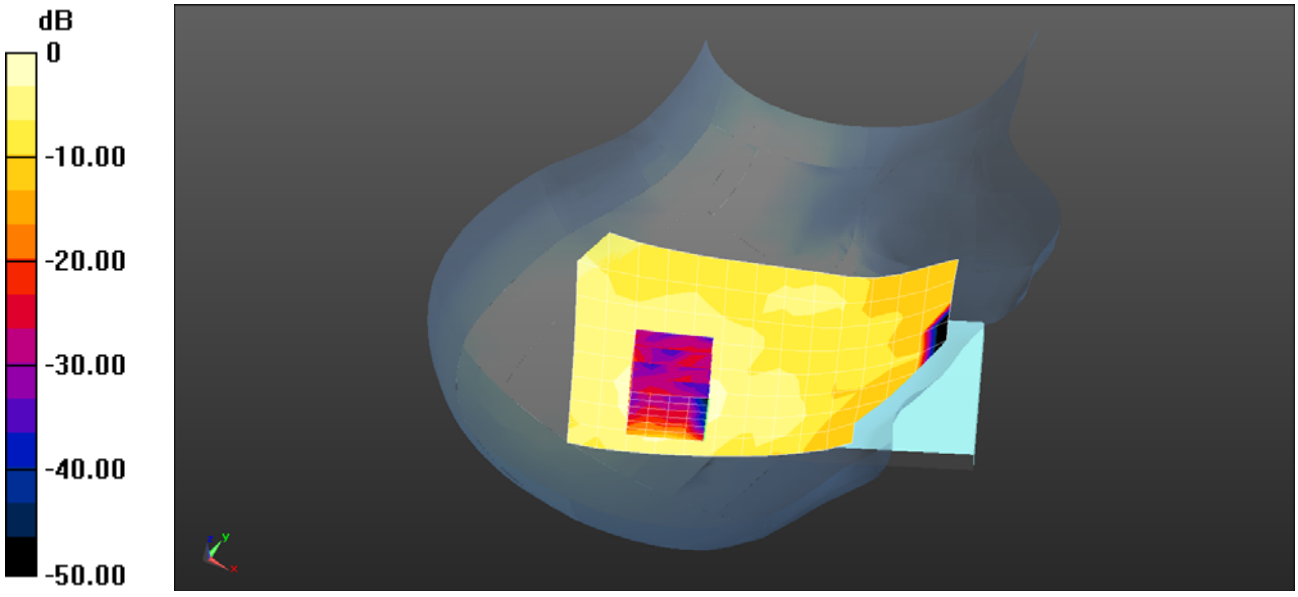
Communication System: IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2402 MHz
Medium: HSL2450_Batch 100907-2
Medium parameters used: f = 2402 MHz; σ = 1.837 mho/m; ε_r = 37.961; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 24.7C ; Medium Temperature: 21.9C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.73, 4.73, 4.73); Calibrated: 9/25/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Right-Hand-Side/Touch Position_2402MHz_Low Ch./Area Scan (14x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0172 W/kg

Right-Hand-Side/Touch Position_2402MHz_Low Ch./Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.977 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.0300 W/kg
SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00778 W/kg
Maximum value of SAR (measured) = 0.0182 W/kg



0 dB = 0.0172 W/kg = -17.64 dBW/kg

Plot 94

Date/Time: 4/5/2013 6:28:56 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-7651

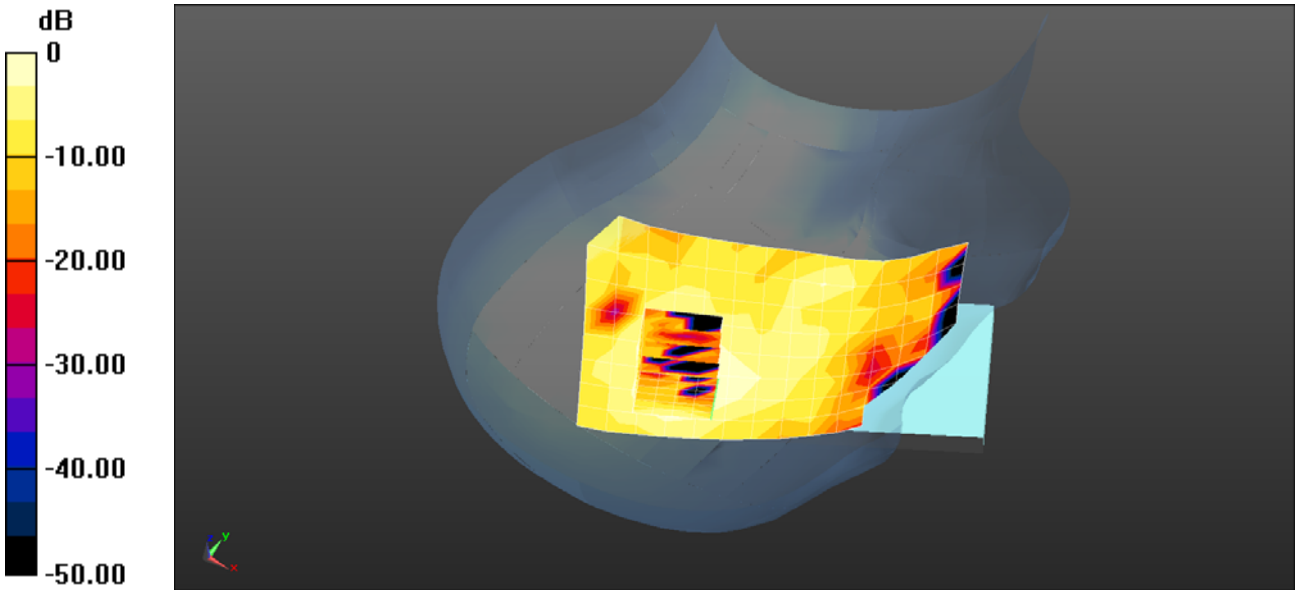
Communication System: IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2480 MHz
Medium: HSL2450_Batch 100907-2
Medium parameters used: f = 2480 MHz; σ = 1.925 mho/m; ε_r = 37.486; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 25.0C ; Medium Temperature: 21.9C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.73, 4.73, 4.73); Calibrated: 9/25/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Right-Hand-Side/Touch Position_2480MHz_High Ch./Area Scan (14x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0106 W/kg

Right-Hand-Side/Touch Position_2480MHz_High Ch./Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.478 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.0240 W/kg
SAR(1 g) = 0.00724 W/kg; SAR(10 g) = 0.00329 W/kg
Maximum value of SAR (measured) = 0.0103 W/kg



0 dB = 0.0106 W/kg = -19.73 dBW/kg

Plot 95

Date/Time: 4/5/2013 6:53:46 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: RIM; Type: Phone; Serial: 0809-3929-7651

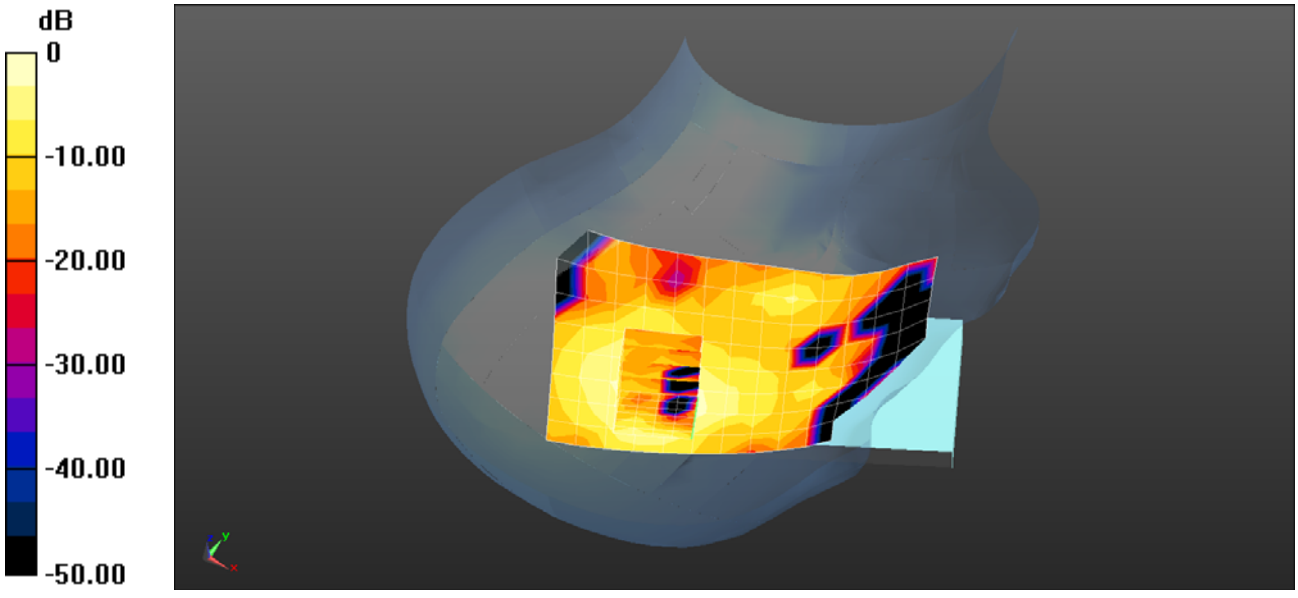
Communication System: IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2402 MHz
Medium: HSL2450_Batch 100907-2
Medium parameters used: f = 2402 MHz; σ = 1.837 mho/m; ε_r = 37.961; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 25.2C ; Medium Temperature: 21.9C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.73, 4.73, 4.73); Calibrated: 9/25/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 5/13/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Right-Hand-Side/Touch Position_2402MHz_Low Ch._2nd batt/Area Scan (14x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0160 W/kg

Right-Hand-Side/Touch Position_2402MHz_Low Ch._2nd batt/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.794 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.0280 W/kg
SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00721 W/kg
Maximum value of SAR (measured) = 0.0184 W/kg



0 dB = 0.0160 W/kg = -17.97 dBW/kg

Plot 96

Date/Time: 20.03.2013 15:51:19Date/Time: 20.03.2013 16:13:09

IEEE1528-RightHandSide-WLAN

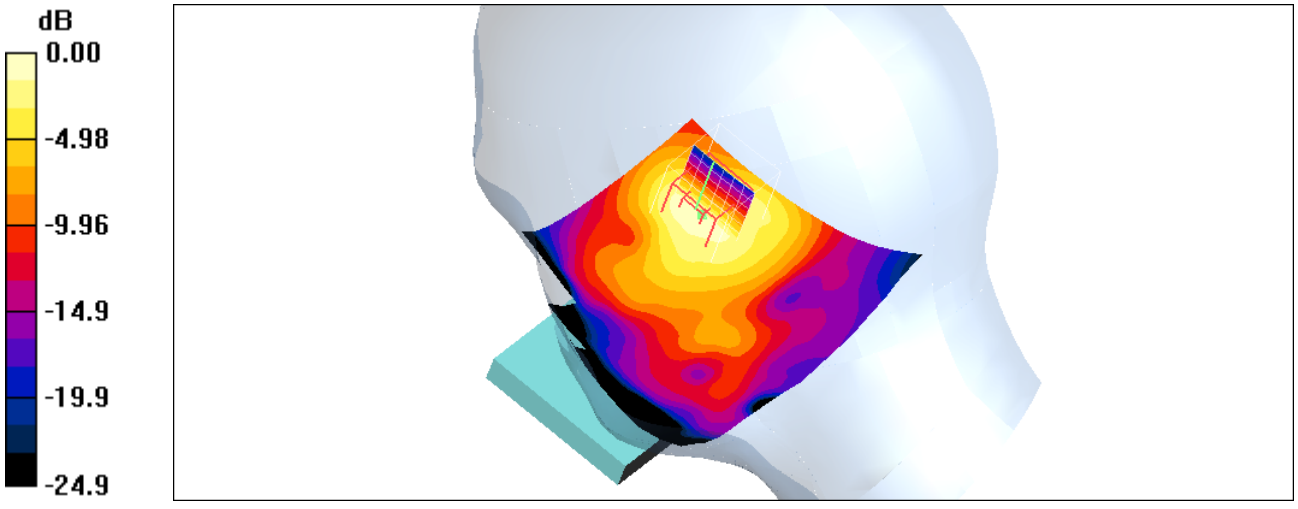
DUT: BlackBerry; Type: RFM121LW; Serial: 990002430036317

Communication System: WLAN 2450 US; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium: HSL2450 Medium parameters used: f = 2437 MHz; σ = 1.82 mho/m; ε_r = 38.7; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1559; ConvF(4.25, 4.25, 4.25); Calibrated: 16.01.2013
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 11.01.2013
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - Mid/Area Scan (111x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.230 mW/g

Touch position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.8 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.493 W/kg
SAR(1 g) = 0.210 mW/g; SAR(10 g) = 0.103 mW/g
Maximum value of SAR (measured) = 0.233 mW/g



0 dB = 0.233mW/g

Additional information:
ambient temperature: 23.0°C; liquid temperature: 21.5°C

Plot 97

Date/Time: 20.03.2013 15:11:16Date/Time: 20.03.2013 15:32:25

IEEE1528-RightHandSide-WLAN

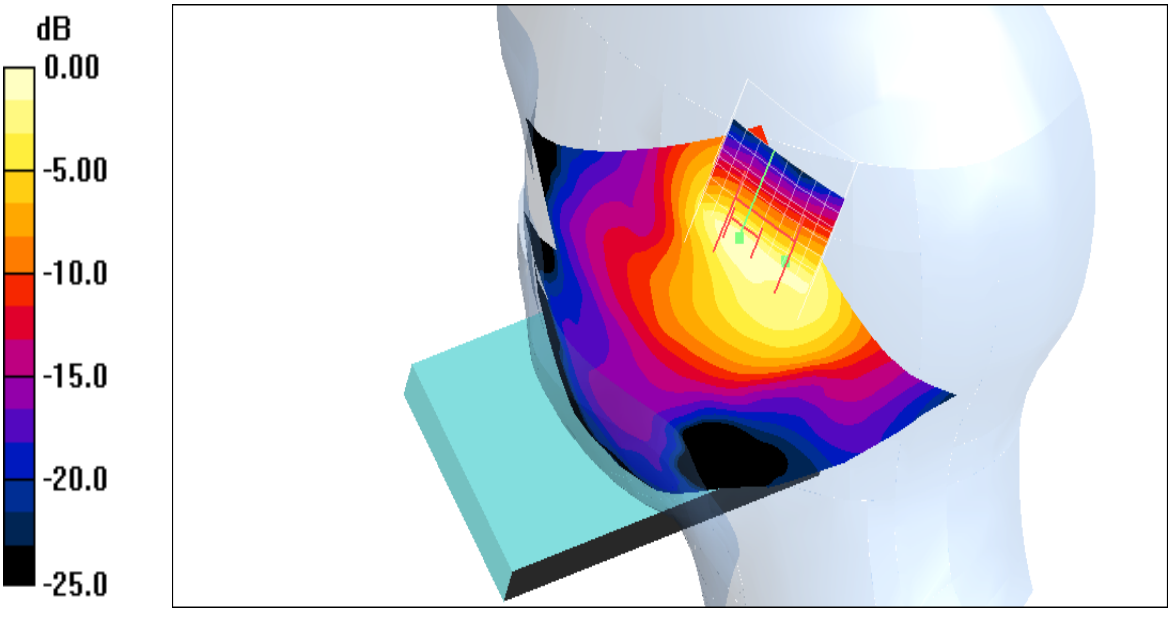
DUT: BlackBerry; Type: RFM121LW; Serial: 990002430036317

Communication System: WLAN 2450 US; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium: HSL2450 Medium parameters used: f = 2437 MHz; σ = 1.82 mho/m; ε_r = 38.7; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1559; ConvF(4.25, 4.25, 4.25); Calibrated: 16.01.2013
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 11.01.2013
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - Mid/Area Scan (111x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.214 mW/g

Tilt position - Mid/Zoom Scan (9x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.1 V/m; Power Drift = 0.012 dB
Peak SAR (extrapolated) = 0.487 W/kg
SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.097 mW/g
Maximum value of SAR (measured) = 0.222 mW/g



0 dB = 0.222mW/g

Additional information:
ambient temperature: 23.0°C; liquid temperature: 21.5°C

Plot 98

Date/Time: 20.03.2013 14:01:58Date/Time: 20.03.2013 14:21:38

IEEE1528-LeftHandSide-WLAN

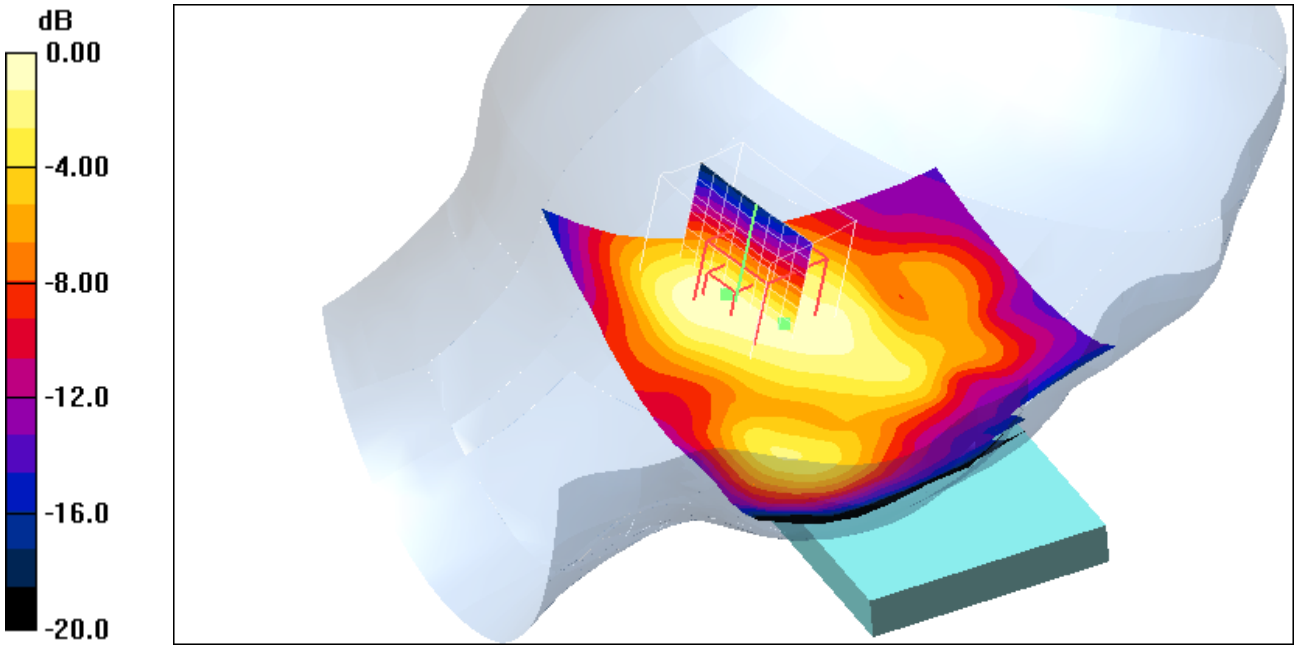
DUT: BlackBerry; Type: RFM121LW; Serial: 990002430036317

Communication System: WLAN 2450 US; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium: HSL2450 Medium parameters used: f = 2437 MHz; σ = 1.82 mho/m; ε_r = 38.7; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1559; ConvF(4.25, 4.25, 4.25); Calibrated: 16.01.2013
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 11.01.2013
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - Middle/Area Scan (111x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.136 mW/g

Touch position - Middle/Zoom Scan (7x9x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.89 V/m; Power Drift = -0.071 dB
Peak SAR (extrapolated) = 0.230 W/kg
SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.071 mW/g
Maximum value of SAR (measured) = 0.129 mW/g



0 dB = 0.129mW/g

Additional information:
ambient temperature: 23.0°C; liquid temperature: 21.5°C

Plot 99

Date/Time: 20.03.2013 14:37:14Date/Time: 20.03.2013 14:57:13

IEEE1528-LeftHandSide-WLAN

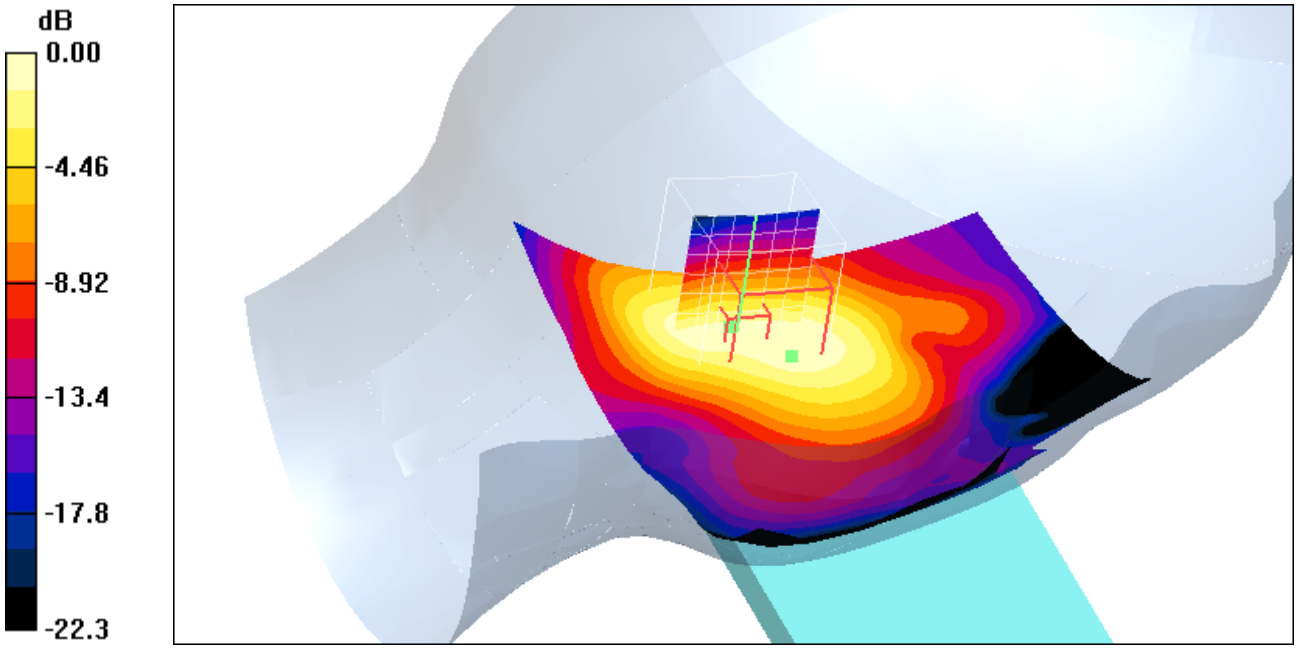
DUT: BlackBerry; Type: RFM121LW; Serial: 990002430036317

Communication System: WLAN 2450 US; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium: HSL2450 Medium parameters used: f = 2437 MHz; σ = 1.82 mho/m; ε_r = 38.7; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1559; ConvF(4.25, 4.25, 4.25); Calibrated: 16.01.2013
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 11.01.2013
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - Middle/Area Scan (111x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.181 mW/g

Tilt position - Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = -0.036 dB
Peak SAR (extrapolated) = 0.300 W/kg
SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.090 mW/g
Maximum value of SAR (measured) = 0.181 mW/g



0 dB = 0.181mW/g

Additional information:
ambient temperature: 23.0°C; liquid temperature: 21.5°C

Plot 100

Date/Time: 20.03.2013 16:29:05Date/Time: 20.03.2013 16:46:56

IEEE1528-RightHandSide-WLAN

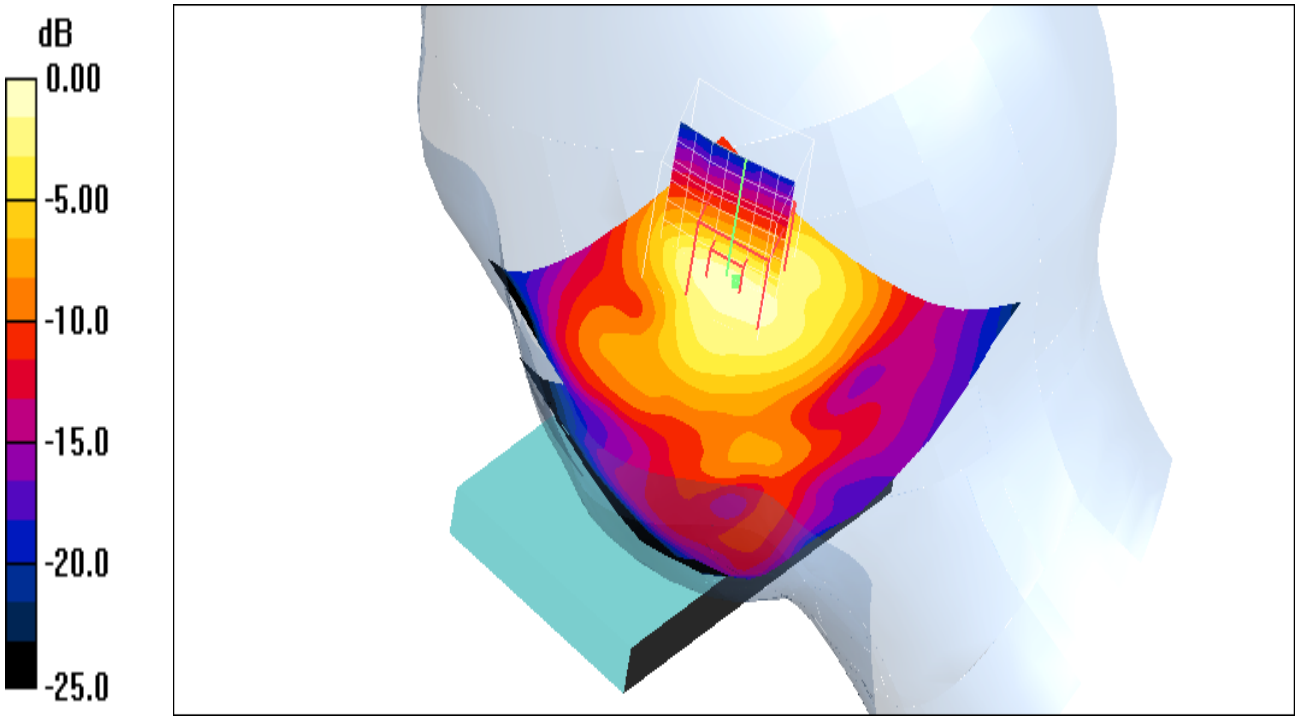
DUT: BlackBerry; Type: RFM121LW; Serial: 990002430036317

Communication System: WLAN 2450 US; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium: HSL2450 Medium parameters used: f = 2412 MHz; σ = 1.8 mho/m; ε_r = 38.7; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1559; ConvF(4.25, 4.25, 4.25); Calibrated: 16.01.2013
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 11.01.2013
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - Low/Area Scan (111x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.246 mW/g

Touch position - Low/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.2 V/m; Power Drift = 0.011 dB
Peak SAR (extrapolated) = 0.534 W/kg
SAR(1 g) = 0.230 mW/g; SAR(10 g) = 0.114 mW/g
Maximum value of SAR (measured) = 0.249 mW/g



0 dB = 0.249mW/g

Additional information:
ambient temperature: 23.0°C; liquid temperature: 21.5°C

Plot 101

Date/Time: 20.03.2013 17:03:45Date/Time: 20.03.2013 17:21:53

IEEE1528-RightHandSide-WLAN

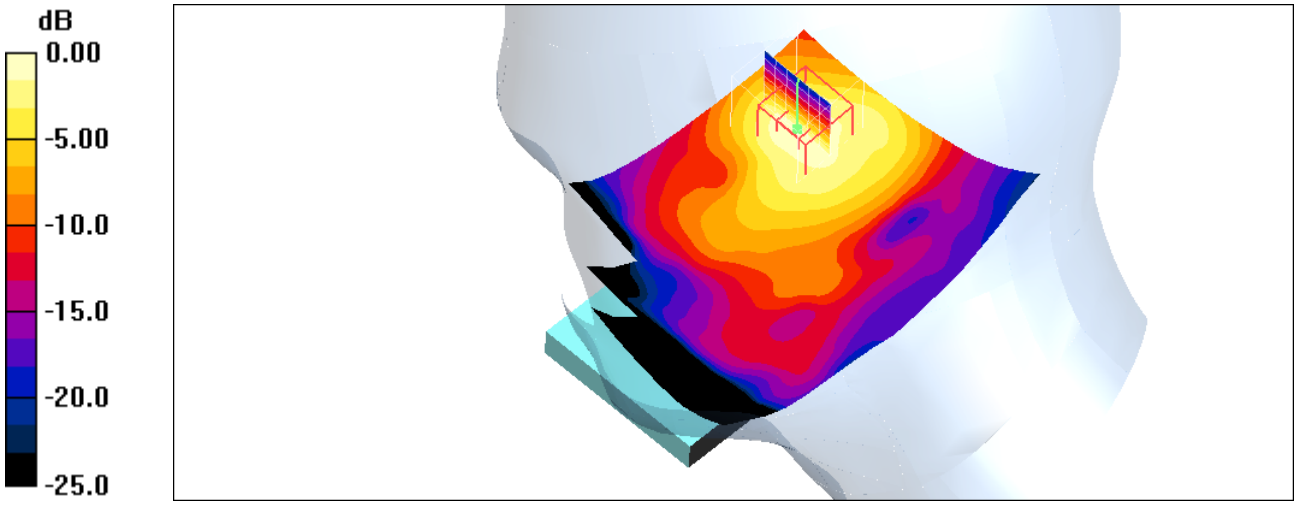
DUT: BlackBerry; Type: RFM121LW; Serial: 990002430036317

Communication System: WLAN 2450 US; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium: HSL2450 Medium parameters used: f = 2462 MHz; σ = 1.85 mho/m; ε_r = 38.6; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1559; ConvF(4.25, 4.25, 4.25); Calibrated: 16.01.2013
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 11.01.2013
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - High/Area Scan (111x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.236 mW/g

Touch position - High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.6 V/m; Power Drift = -0.070 dB
Peak SAR (extrapolated) = 0.528 W/kg
SAR(1 g) = 0.220 mW/g; SAR(10 g) = 0.105 mW/g
Maximum value of SAR (measured) = 0.242 mW/g



0 dB = 0.242mW/g

Additional information:
ambient temperature: 23.0°C; liquid temperature: 21.5°C

Plot 102

Date/Time: 20.03.2013 18:20:08Date/Time: 20.03.2013 19:04:19

IEEE1528-RightHandSide-WLAN with 2nd Battery

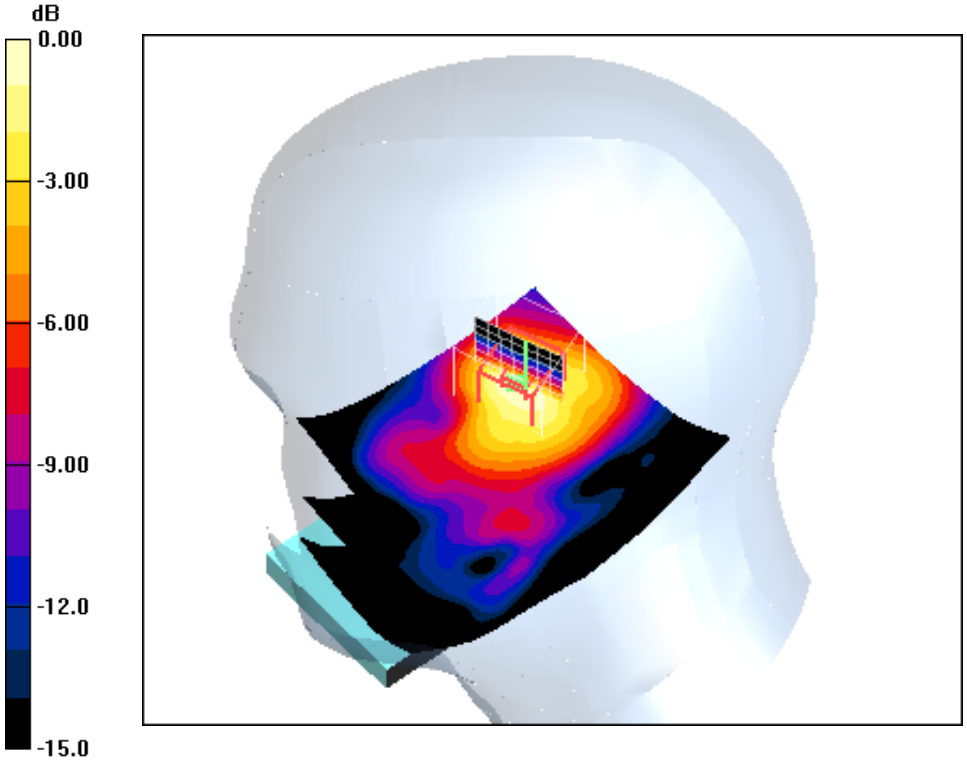
DUT: BlackBerry; Type: RFM121LW; Serial: 990002430036317

Communication System: WLAN 2450 US; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium: HSL2450 Medium parameters used: f = 2412 MHz; σ = 1.8 mho/m; ε_r = 38.7; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1559; ConvF(4.25, 4.25, 4.25); Calibrated: 16.01.2013
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 11.01.2013
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - Low 2/Area Scan (111x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.246 mW/g

Touch position - Low 2/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.0 V/m; Power Drift = 0.062 dB
Peak SAR (extrapolated) = 0.531 W/kg
SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.112 mW/g
Maximum value of SAR (measured) = 0.247 mW/g



0 dB = 0.247mW/g

Additional information:
ambient temperature: 23.0°C; liquid temperature: 21.5°C

Plot 103

Date/Time: 23.03.2013 09:55:36Date/Time: 23.03.2013 10:17:31

IEEE1528_EN62209-RightHandSide-WLAN5GHz

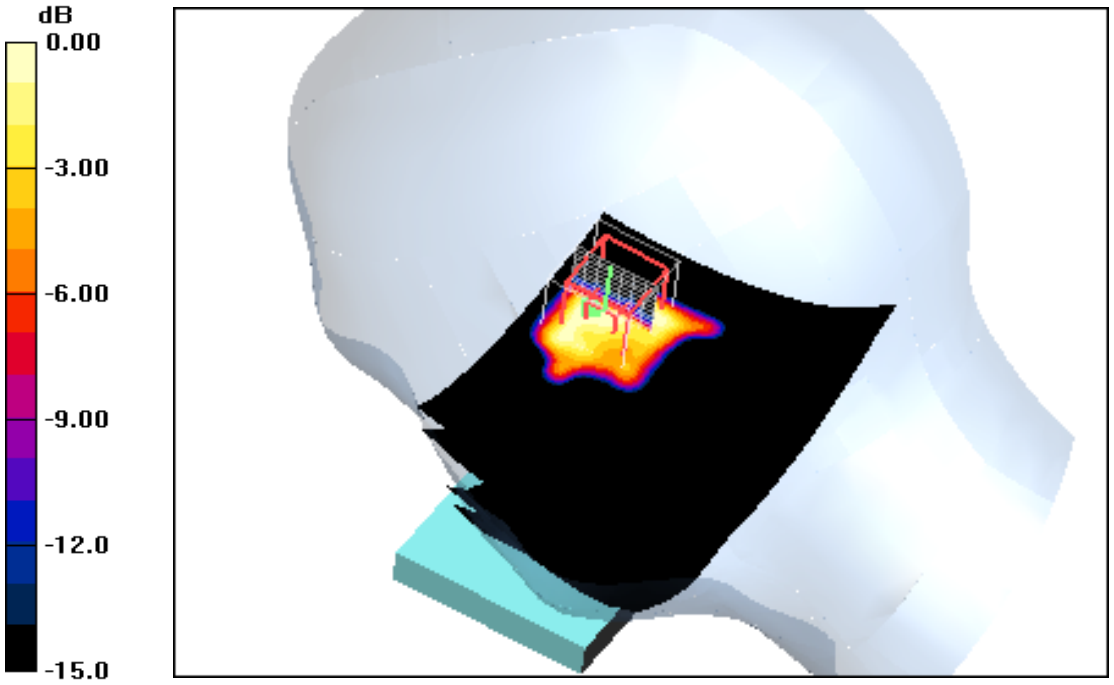
DUT: BlackBerry; Type: RFM121LW; Serial: 990002430036317

Communication System: WLAN 5GHz; Frequency: 5180 MHz; Duty Cycle: 1:1
Medium: HSL5GHz Medium parameters used (interpolated): f = 5180 MHz; σ = 4.5 mho/m; ε_r = 36.6; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3566; ConvF(4.24, 4.24, 4.24); Calibrated: 23.08.2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 11.01.2013
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touchilt position - Channel 36/Area Scan (101x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.148 mW/g

Touchilt position - Channel 36/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.63 V/m; Power Drift = 0.141 dB
Peak SAR (extrapolated) = 0.300 W/kg
SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.020 mW/g
Maximum value of SAR (measured) = 0.121 mW/g



0 dB = 0.121mW/g

Additional information:
ambient temperature: 21.6°C; liquid temperature: 20.2°C

Plot 104

Date/Time: 23.03.2013 09:24:35Date/Time: 23.03.2013 09:43:38

IEEE1528_EN62209-RightHandSide-WLAN5GHz

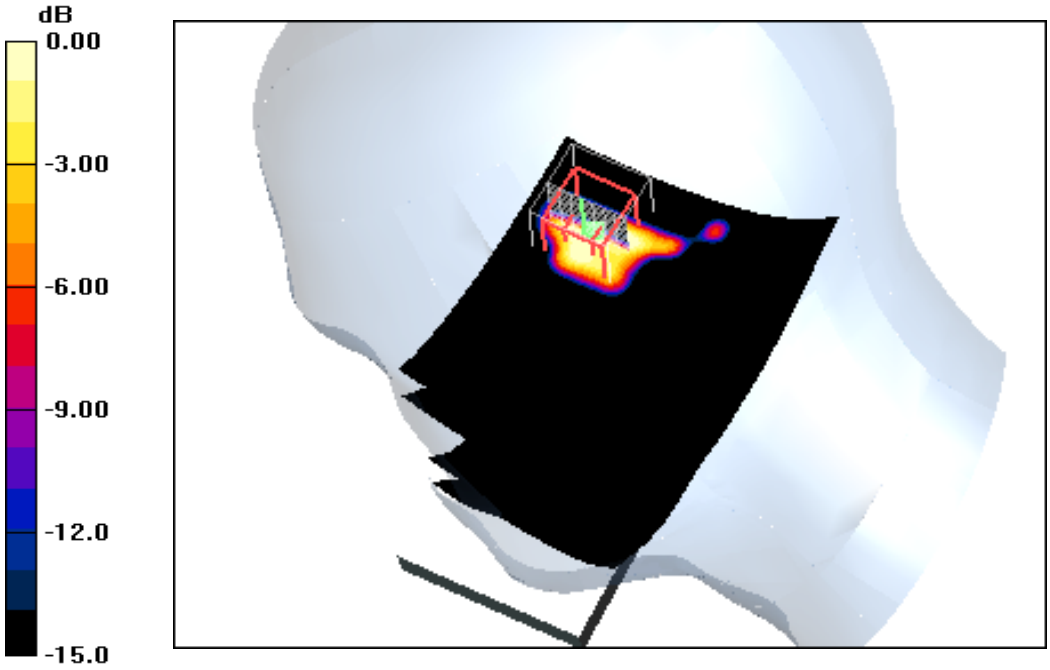
DUT: BlackBerry; Type: RFM121LW; Serial: 990002430036317

Communication System: WLAN 5GHz; Frequency: 5180 MHz; Duty Cycle: 1:1
Medium: HSL5GHz Medium parameters used (interpolated): f = 5180 MHz; σ = 4.5 mho/m; ε_r = 36.6; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3566; ConvF(4.24, 4.24, 4.24); Calibrated: 23.08.2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 11.01.2013
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - Channel 36/Area Scan (101x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.242 mW/g

Tilt position - Channel 36/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 6.17 V/m; Power Drift = 0.001 dB
Peak SAR (extrapolated) = 0.306 W/kg
SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.024 mW/g
Maximum value of SAR (measured) = 0.156 mW/g



0 dB = 0.156mW/g

Additional information:
ambient temperature: 21.6°C; liquid temperature: 20.2°C

Plot 105

Date/Time: 23.03.2013 08:00:41Date/Time: 23.03.2013 08:22:38

IEEE1528_EN62209-LeftHandSide-WLAN5GHz

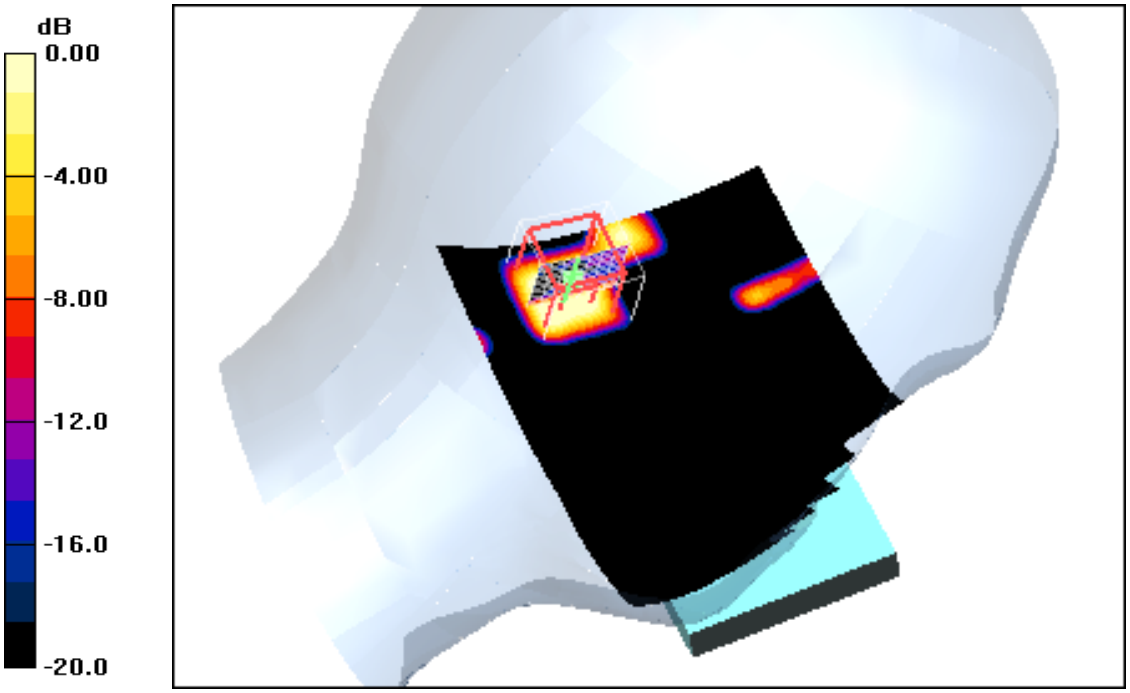
DUT: BlackBerry; Type: RFM121LW; Serial: 990002430036317

Communication System: WLAN 5GHz; Frequency: 5180 MHz; Duty Cycle: 1:1
Medium: HSL5GHz Medium parameters used (interpolated): f = 5180 MHz; σ = 4.5 mho/m; ε_r = 36.6; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3566; ConvF(4.24, 4.24, 4.24); Calibrated: 23.08.2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 11.01.2013
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - Channel 36/Area Scan (101x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.176 mW/g

Touch position - Channel 36/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.89 V/m; Power Drift = -0.136 dB
Peak SAR (extrapolated) = 0.286 W/kg
SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.014 mW/g
Maximum value of SAR (measured) = 0.095 mW/g



0 dB = 0.095mW/g

Additional information:
ambient temperature: 21.6°C; liquid temperature: 20.2°C

Plot 106

Date/Time: 23.03.2013 08:48:56Date/Time: 23.03.2013 09:01:47

IEEE1528_EN62209-LeftHandSide-WLAN5GHz

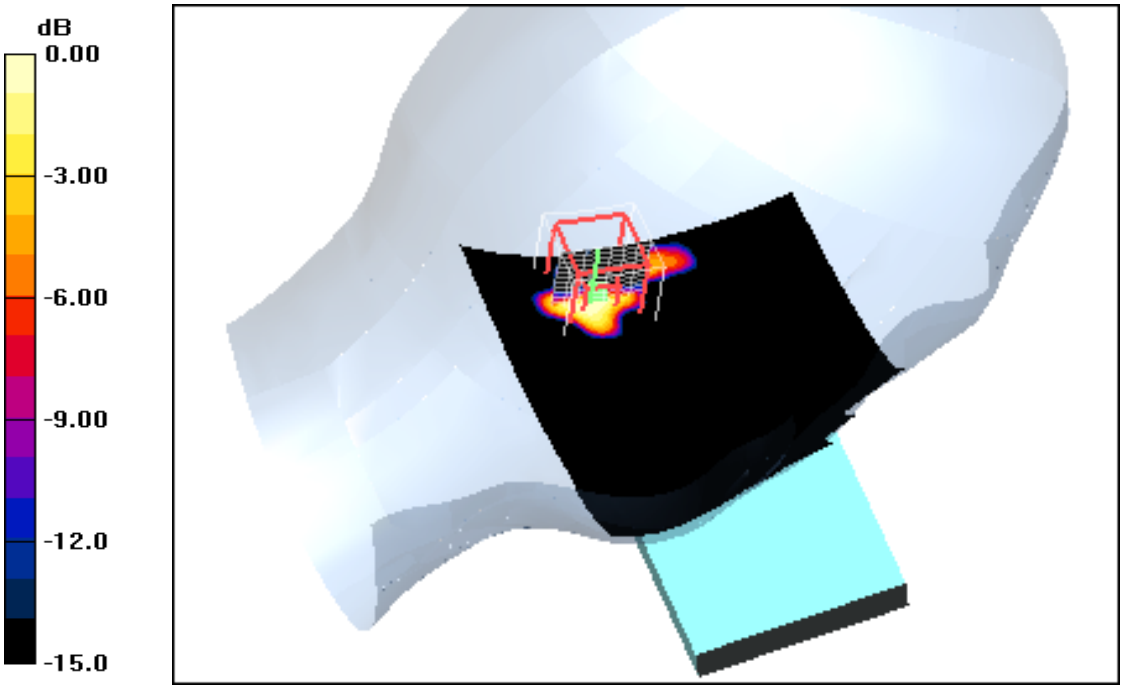
DUT: BlackBerry; Type: RFM121LW; Serial: 990002430036317

Communication System: WLAN 5GHz; Frequency: 5180 MHz; Duty Cycle: 1:1
Medium: HSL5GHz Medium parameters used (interpolated): f = 5180 MHz; σ = 4.5 mho/m; ε_r = 36.6; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3566; ConvF(4.24, 4.24, 4.24); Calibrated: 23.08.2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 11.01.2013
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - Channel 36/Area Scan (101x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.141 mW/g

Tilt position - Channel 36/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.64 V/m; Power Drift = 0.106 dB
Peak SAR (extrapolated) = 0.234 W/kg
SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.021 mW/g
Maximum value of SAR (measured) = 0.133 mW/g



0 dB = 0.133mW/g

Additional information:
ambient temperature: 21.6°C; liquid temperature: 20.2°C

Plot 107

Date/Time: 23.03.2013 10:26:53Date/Time: 23.03.2013 10:42:50

IEEE1528_EN62209-RightHandSide-WLAN5GHz

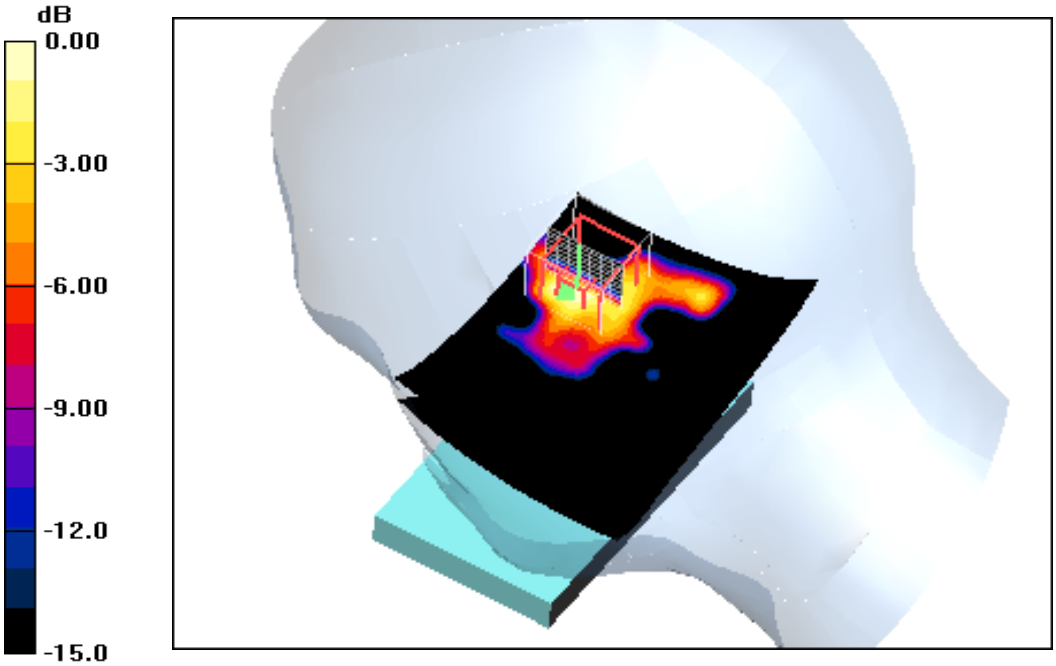
DUT: BlackBerry; Type: RFM121LW; Serial: 990002430036317

Communication System: WLAN 5GHz; Frequency: 5320 MHz; Duty Cycle: 1:1
Medium: HSL5GHz Medium parameters used (interpolated): f = 5320 MHz; σ = 4.64 mho/m; ε_r = 36.4; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3566; ConvF(4.05, 4.05, 4.05); Calibrated: 23.08.2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 11.01.2013
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - Channel 64/Area Scan (91x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.246 mW/g

Touch position - Channel 64/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 7.48 V/m; Power Drift = -0.057 dB
Peak SAR (extrapolated) = 0.458 W/kg
SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.038 mW/g
Maximum value of SAR (measured) = 0.238 mW/g



0 dB = 0.238mW/g

Additional information:
ambient temperature: 21.6°C; liquid temperature: 20.2°C

Plot 108

Date/Time: 23.03.2013 10:59:38Date/Time: 23.03.2013 11:19:53

IEEE1528_EN62209-RightHandSide-WLAN5GHz

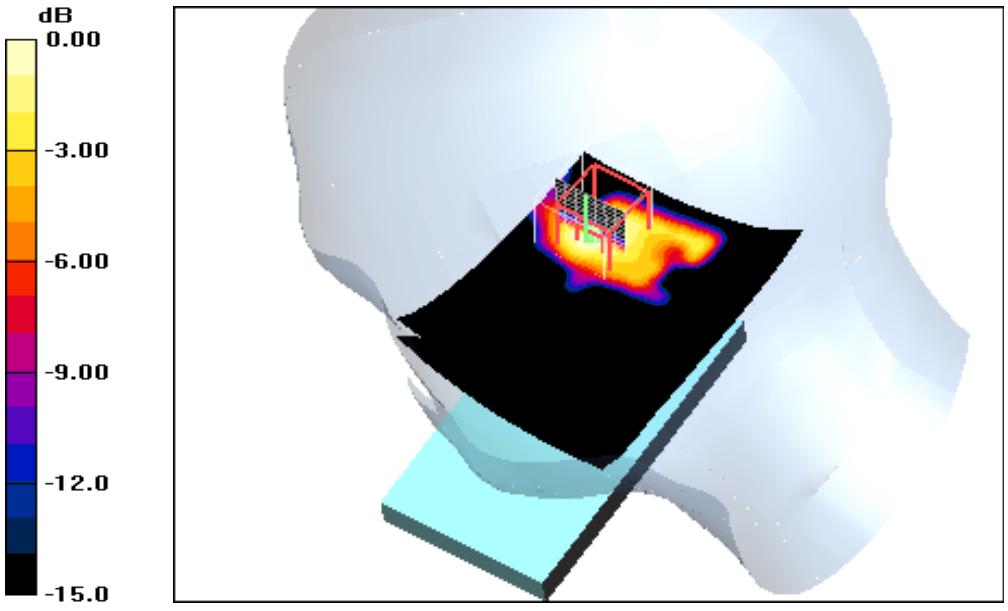
DUT: BlackBerry; Type: RFM121LW; Serial: 990002430036317

Communication System: WLAN 5GHz; Frequency: 5320 MHz; Duty Cycle: 1:1
Medium: HSL5GHz Medium parameters used (interpolated): f = 5320 MHz; σ = 4.64 mho/m; ε_r = 36.4; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3566; ConvF(4.05, 4.05, 4.05); Calibrated: 23.08.2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 11.01.2013
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - Channel 64/Area Scan (91x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.282 mW/g

Tilt position - Channel 64/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 7.48 V/m; Power Drift = 0.085 dB
Peak SAR (extrapolated) = 0.497 W/kg
SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.042 mW/g
Maximum value of SAR (measured) = 0.247 mW/g



0 dB = 0.247mW/g

Additional information:
ambient temperature: 21.6°C; liquid temperature: 20.2°C

Plot 109

Date/Time: 23.03.2013 12:05:28Date/Time: 23.03.2013 12:23:04

IEEE1528_EN62209-LeftHandSide-WLAN5GHz

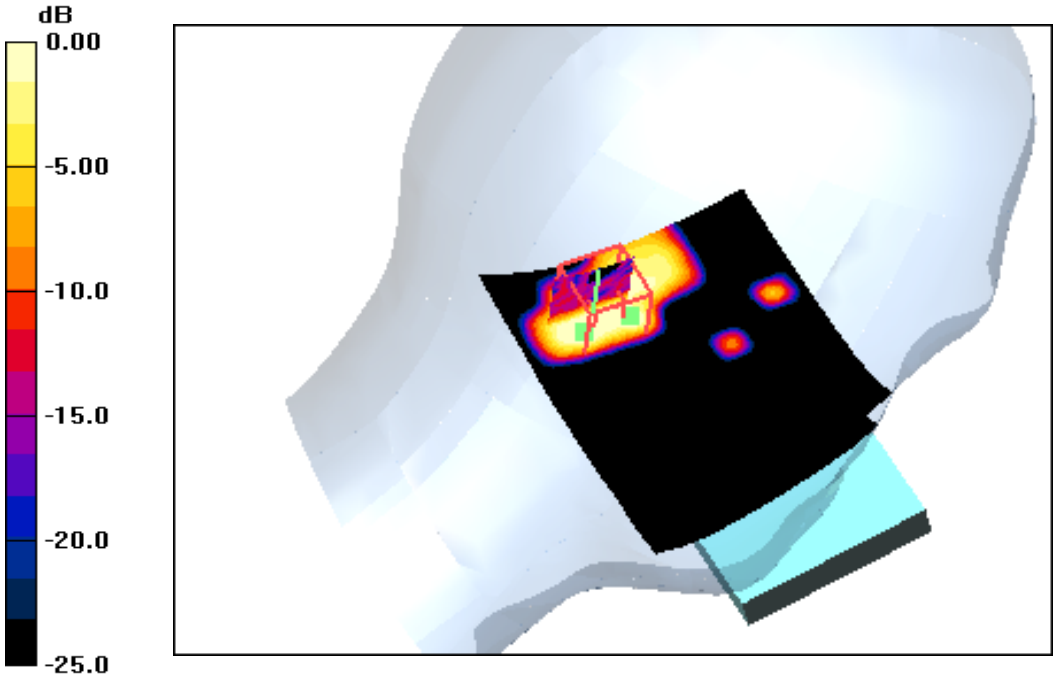
DUT: BlackBerry; Type: RFM121LW; Serial: 990002430036317

Communication System: WLAN 5GHz; Frequency: 5320 MHz; Duty Cycle: 1:1
Medium: HSL5GHz Medium parameters used (interpolated): f = 5320 MHz; σ = 4.64 mho/m; ε_r = 36.4; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3566; ConvF(4.05, 4.05, 4.05); Calibrated: 23.08.2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 11.01.2013
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - Channel 64/Area Scan (91x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.218 mW/g

Touch position - Channel 64/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.51 V/m; Power Drift = 0.059 dB
Peak SAR (extrapolated) = 0.316 W/kg
SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.017 mW/g
Maximum value of SAR (measured) = 0.130 mW/g



0 dB = 0.130mW/g

Additional information:
ambient temperature: 21.6°C; liquid temperature: 20.2°C

Plot 110

Date/Time: 23.03.2013 11:37:14Date/Time: 23.03.2013 11:51:43

IEEE1528_EN62209-LeftHandSide-WLAN5GHz

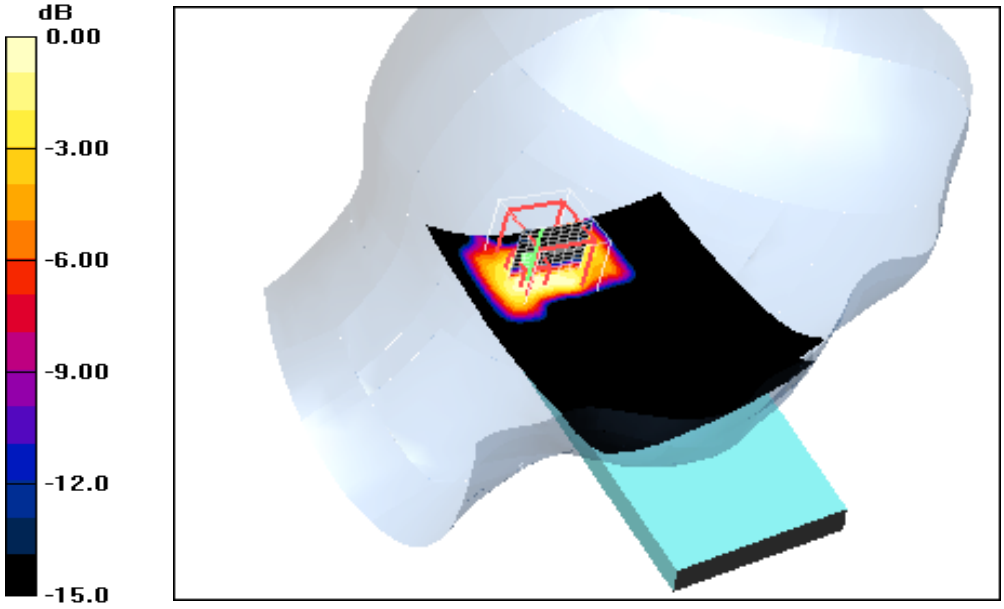
DUT: BlackBerry; Type: RFM121LW; Serial: 990002430036317

Communication System: WLAN 5GHz; Frequency: 5320 MHz; Duty Cycle: 1:1
Medium: HSL5GHz Medium parameters used (interpolated): f = 5320 MHz; σ = 4.64 mho/m; ε_r = 36.4; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3566; ConvF(4.05, 4.05, 4.05); Calibrated: 23.08.2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 11.01.2013
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - Channel 64/Area Scan (91x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.195 mW/g

Tilt position - Channel 64/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 6.40 V/m; Power Drift = 0.177 dB
Peak SAR (extrapolated) = 0.394 W/kg
SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.028 mW/g
Maximum value of SAR (measured) = 0.164 mW/g



0 dB = 0.164mW/g

Additional information:
ambient temperature: 21.6°C; liquid temperature: 20.2°C

Plot 111

Date/Time: 23.03.2013 14:32:18Date/Time: 23.03.2013 14:45:14

IEEE1528_EN62209-RightHandSide-WLAN5GHz

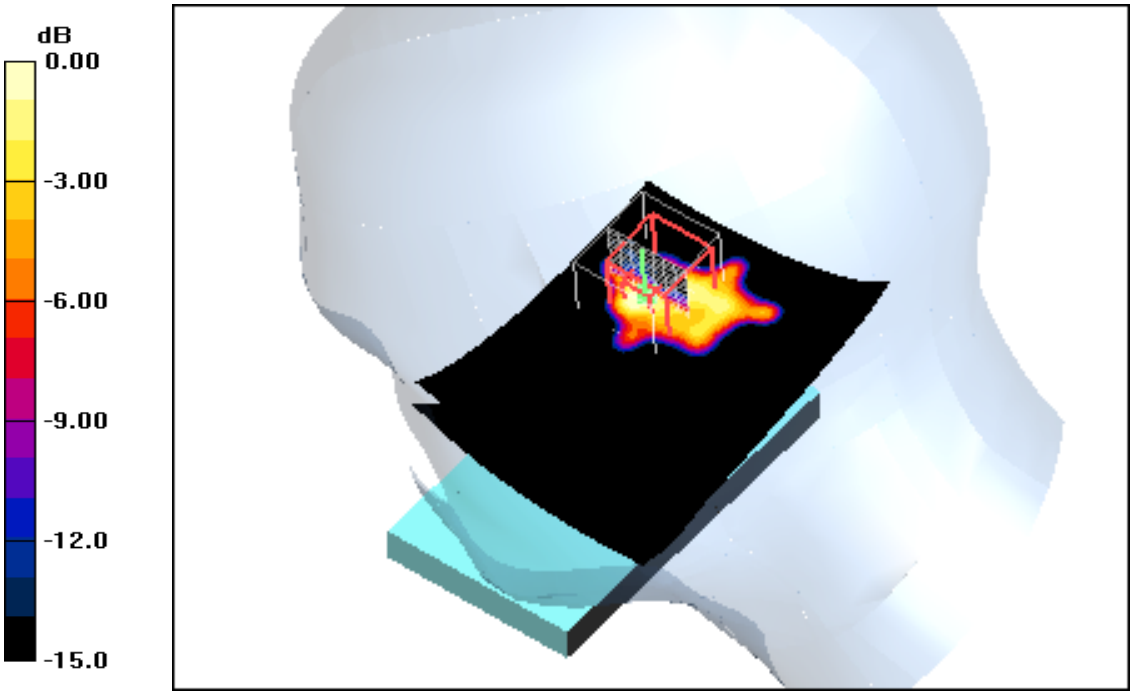
DUT: BlackBerry; Type: RFM121LW; Serial: 990002430036317

Communication System: WLAN 5GHz; Frequency: 5500 MHz; Duty Cycle: 1:1
Medium: HSL5GHz Medium parameters used: f = 5500 MHz; σ = 4.82 mho/m; ε_r = 36.1; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3566; ConvF(3.72, 3.72, 3.72); Calibrated: 23.08.2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 11.01.2013
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - Channel 100/Area Scan (91x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.207 mW/g

Touch position - Channel 100/Zoom Scan 2 (8x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.32 V/m; Power Drift = 0.105 dB
Peak SAR (extrapolated) = 0.292 W/kg
SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.021 mW/g
Maximum value of SAR (measured) = 0.163 mW/g



0 dB = 0.163mW/g

Additional information:
ambient temperature: 21.6°C; liquid temperature: 20.2°C

Plot 112

Date/Time: 23.03.2013 13:56:21Date/Time: 23.03.2013 14:16:21

IEEE1528_EN62209-RightHandSide-WLAN5GHz

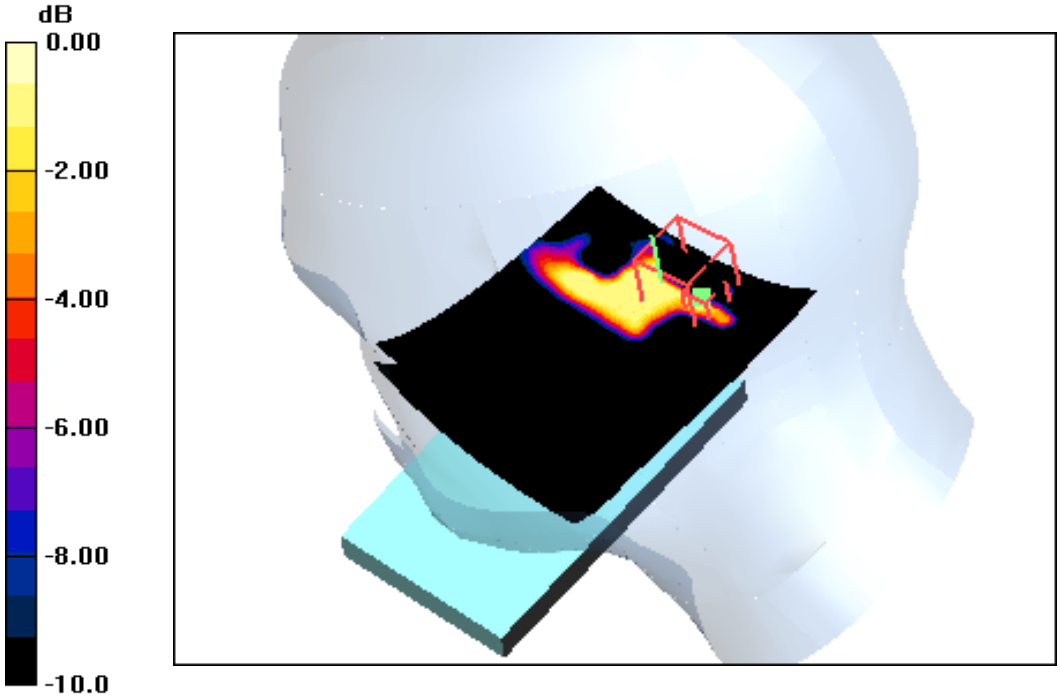
DUT: BlackBerry; Type: RFM121LW; Serial: 990002430036317

Communication System: WLAN 5GHz; Frequency: 5500 MHz; Duty Cycle: 1:1
Medium: HSL5GHz Medium parameters used: f = 5500 MHz; σ = 4.82 mho/m; ε_r = 36.1; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3566; ConvF(3.72, 3.72, 3.72); Calibrated: 23.08.2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 11.01.2013
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - Channel 100/Area Scan (91x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.195 mW/g

Tilt position - Channel 100/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.56 V/m; Power Drift = 0.116 dB
Peak SAR (extrapolated) = 0.639 W/kg
SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.021 mW/g
Maximum value of SAR (measured) = 0.122 mW/g



0 dB = 0.122mW/g

Additional information:
ambient temperature: 21.6°C; liquid temperature: 20.2°C

Plot 113

Date/Time: 23.03.2013 12:48:08Date/Time: 23.03.2013 12:59:43

IEEE1528_EN62209-LeftHandSide-WLAN5GHz

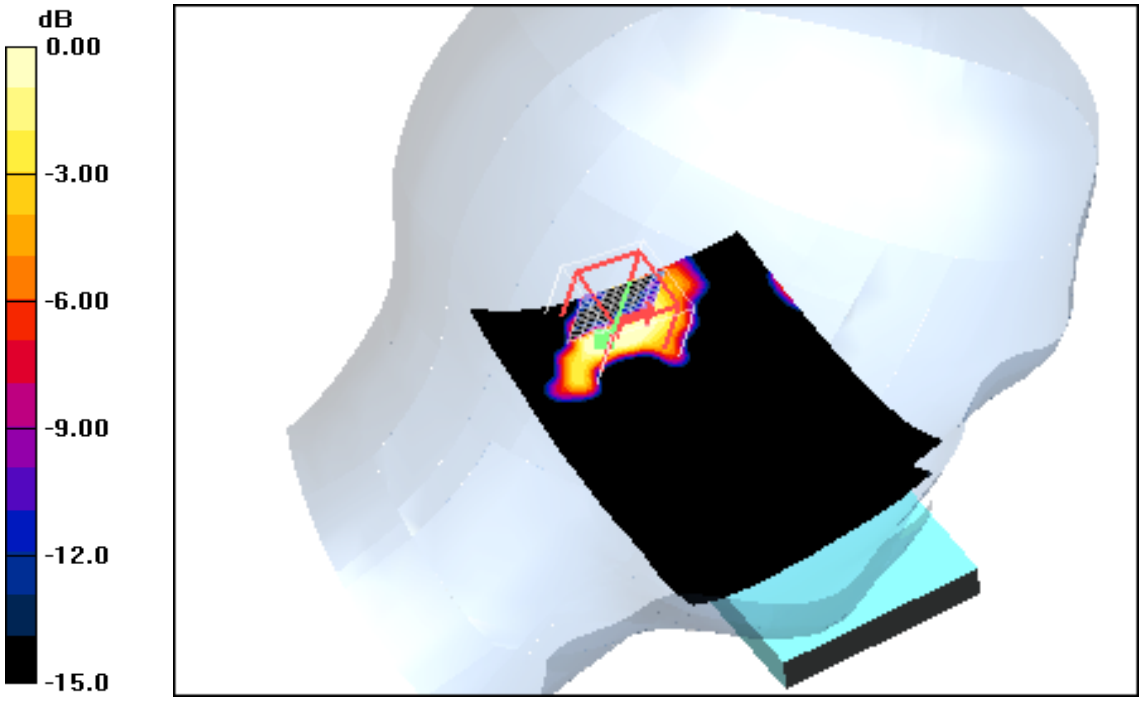
DUT: BlackBerry; Type: RFM121LW; Serial: 990002430036317

Communication System: WLAN 5GHz; Frequency: 5500 MHz; Duty Cycle: 1:1
Medium: HSL5GHz Medium parameters used: f = 5500 MHz; σ = 4.82 mho/m; ε_r = 36.1; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3566; ConvF(3.72, 3.72, 3.72); Calibrated: 23.08.2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 11.01.2013
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - Channel 100/Area Scan (91x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.220 mW/g

Touch position - Channel 100/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.59 V/m; Power Drift = 0.039 dB
Peak SAR (extrapolated) = 0.450 W/kg
SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.016 mW/g
Maximum value of SAR (measured) = 0.092 mW/g



0 dB = 0.092mW/g

Additional information:
ambient temperature: 21.6°C; liquid temperature: 20.2°C

Plot 114

Date/Time: 23.03.2013 13:24:07Date/Time: 23.03.2013 13:43:54

IEEE1528_EN62209-LeftHandSide-WLAN5GHz

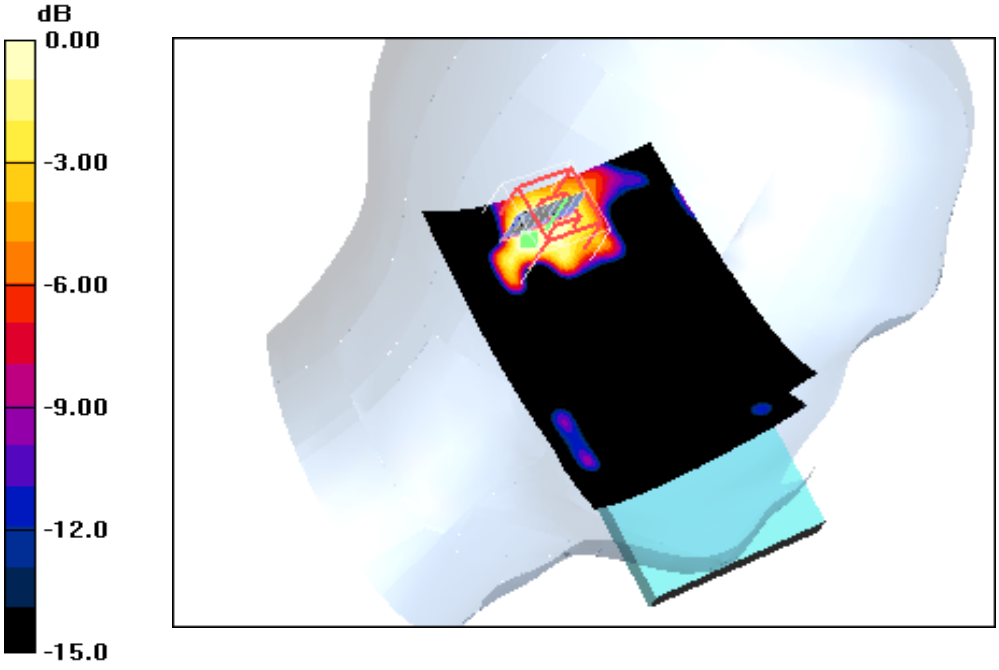
DUT: BlackBerry; Type: RFM121LW; Serial: 990002430036317

Communication System: WLAN 5GHz; Frequency: 5500 MHz; Duty Cycle: 1:1
Medium: HSL5GHz Medium parameters used: f = 5500 MHz; σ = 4.82 mho/m; ε_r = 36.1; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3566; ConvF(3.72, 3.72, 3.72); Calibrated: 23.08.2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 11.01.2013
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - Channel 100/Area Scan (91x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.200 mW/g

Tilt position - Channel 100/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.84 V/m; Power Drift = 0.146 dB
Peak SAR (extrapolated) = 0.348 W/kg
SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.022 mW/g
Maximum value of SAR (measured) = 0.131 mW/g



0 dB = 0.131mW/g

Additional information:
ambient temperature: 21.6°C; liquid temperature: 20.2°C

Plot 115

Date/Time: 23.03.2013 15:02:35Date/Time: 23.03.2013 15:22:16Date/Time: 23.03.2013 15:34:24

IEEE1528_EN62209-RightHandSide-WLAN5GHz

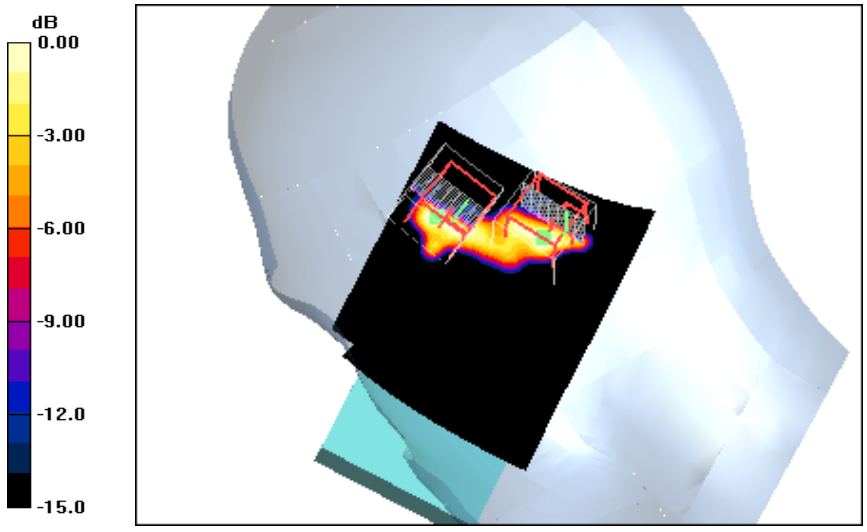
DUT: BlackBerry; Type: RFM121LW; Serial: 990002430036317

Communication System: WLAN 5GHz; Frequency: 5745 MHz; Duty Cycle: 1:1
Medium: HSL5GHz Medium parameters used (interpolated): f = 5745 MHz; σ = 5.07 mho/m; ε_r = 35.7; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3566; ConvF(3.65, 3.65, 3.65); Calibrated: 23.08.2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 11.01.2013
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - Channel 149/Area Scan (91x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.264 mW/g

Touch position - Channel 149/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.43 V/m; Power Drift = 0.151 dB
Peak SAR (extrapolated) = 0.537 W/kg
SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.016 mW/g
Maximum value of SAR (measured) = 0.092 mW/g
Touch position - Channel 149/Zoom Scan (8x8x12)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.43 V/m; Power Drift = 0.151 dB
Peak SAR (extrapolated) = 0.303 W/kg
SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.015 mW/g
Maximum value of SAR (measured) = 0.145 mW/g



0 dB = 0.145mW/g

Additional information:
ambient temperature: 21.6°C; liquid temperature: 20.2°C

Plot 116

Date/Time: 23.03.2013 15:47:51Date/Time: 23.03.2013 16:01:02

IEEE1528_EN62209-RightHandSide-WLAN5GHz

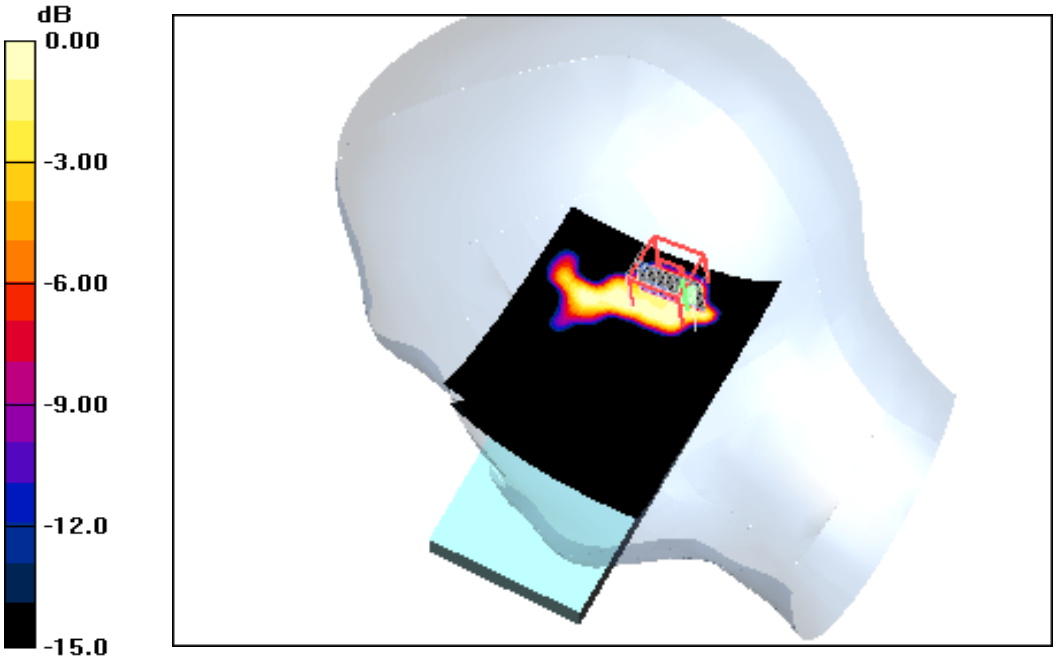
DUT: BlackBerry; Type: RFM121LW; Serial: 990002430036317

Communication System: WLAN 5GHz; Frequency: 5745 MHz; Duty Cycle: 1:1
Medium: HSL5GHz Medium parameters used (interpolated): f = 5745 MHz; σ = 5.07 mho/m; ε_r = 35.7; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3566; ConvF(3.65, 3.65, 3.65); Calibrated: 23.08.2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 11.01.2013
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - Channel 149/Area Scan (91x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.243 mW/g

Tilt position - Channel 149/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.93 V/m; Power Drift = 0.130dB
Peak SAR (extrapolated) = 0.640 W/kg
SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.021 mW/g
Maximum value of SAR (measured) = 0.122 mW/g



0 dB = 0.122mW/g

Additional information:
ambient temperature: 21.6°C; liquid temperature: 20.2°C

Plot 117

Date/Time: 23.03.2013 17:03:14Date/Time: 23.03.2013 17:25:21

IEEE1528_EN62209-LeftHandSide-WLAN5GHz

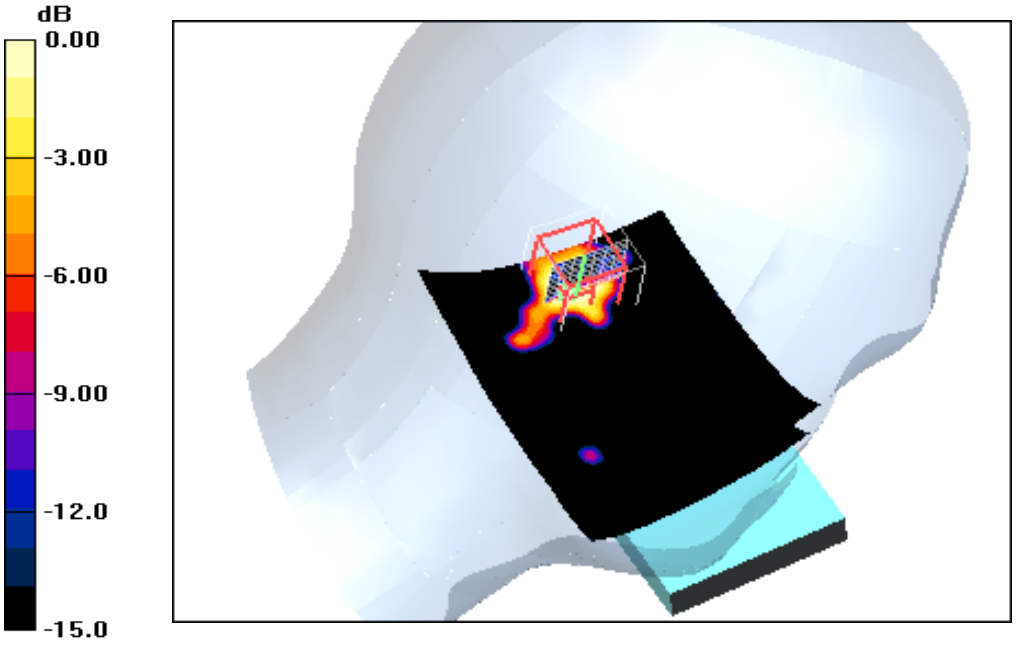
DUT: BlackBerry; Type: RFM121LW; Serial: 990002430036317

Communication System: WLAN 5GHz; Frequency: 5745 MHz; Duty Cycle: 1:1
Medium: HSL5GHz Medium parameters used (interpolated): f = 5745 MHz; σ = 5.07 mho/m; ε_r = 35.7; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3566; ConvF(3.65, 3.65, 3.65); Calibrated: 23.08.2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 11.01.2013
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - Channel 149/Area Scan (91x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.154 mW/g

Touch position - Channel 149/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.81 V/m; Power Drift = 0.134 dB
Peak SAR (extrapolated) = 0.759 W/kg
SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.019 mW/g
Maximum value of SAR (measured) = 0.107 mW/g



0 dB = 0.107mW/g

Additional information:
ambient temperature: 21.6°C; liquid temperature: 20.2°C

Plot 118

Date/Time: 23.03.2013 16:22:03Date/Time: 23.03.2013 16:46:54

IEEE1528_EN62209-LeftHandSide-WLAN5GHz

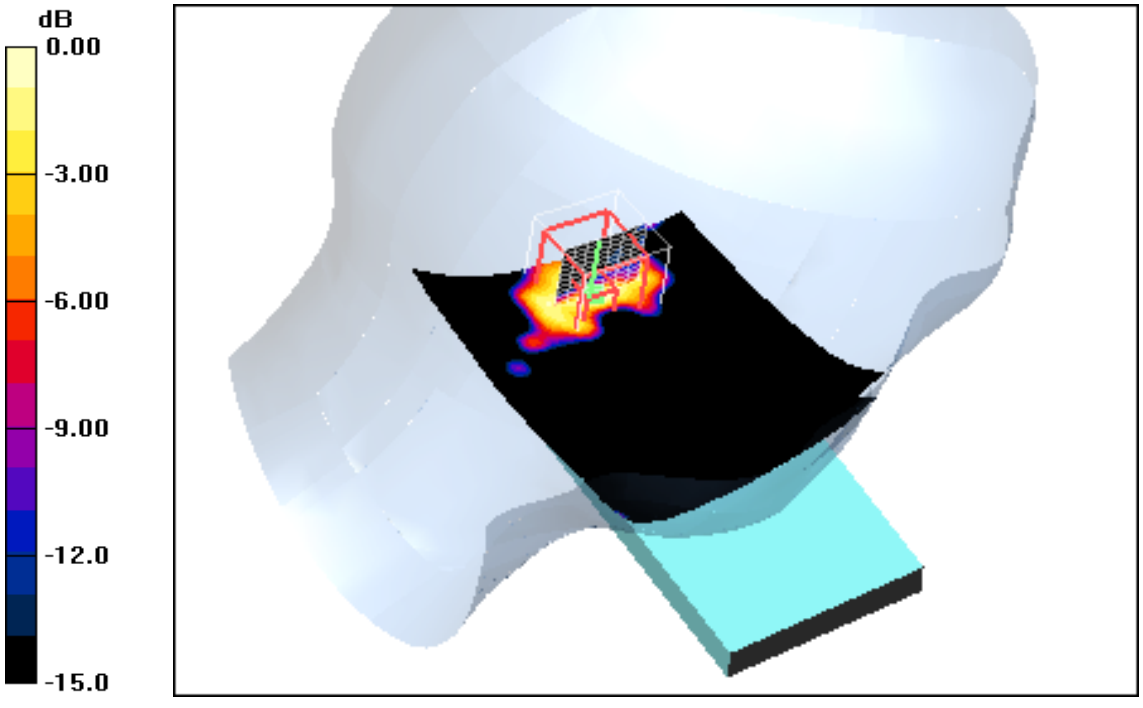
DUT: BlackBerry; Type: RFM121LW; Serial: 990002430036317

Communication System: WLAN 5GHz; Frequency: 5745 MHz; Duty Cycle: 1:1
Medium: HSL5GHz Medium parameters used (interpolated): f = 5745 MHz; σ = 5.07 mho/m; ε_r = 35.7; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3566; ConvF(3.65, 3.65, 3.65); Calibrated: 23.08.2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 11.01.2013
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - Channel 149/Area Scan (91x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.206 mW/g

Tilt position - Channel 149/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.42 V/m; Power Drift = -0.050 dB
Peak SAR (extrapolated) = 0.939 W/kg
SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.026 mW/g
Maximum value of SAR (measured) = 0.142 mW/g



0 dB = 0.142mW/g

Additional information:
ambient temperature: 21.6°C; liquid temperature: 20.2°C

Plot 119

Date/Time: 23.03.2013 19:42:40Date/Time: 23.03.2013 19:57:27

IEEE1528_EN62209-RightHandSide-WLAN5GHz

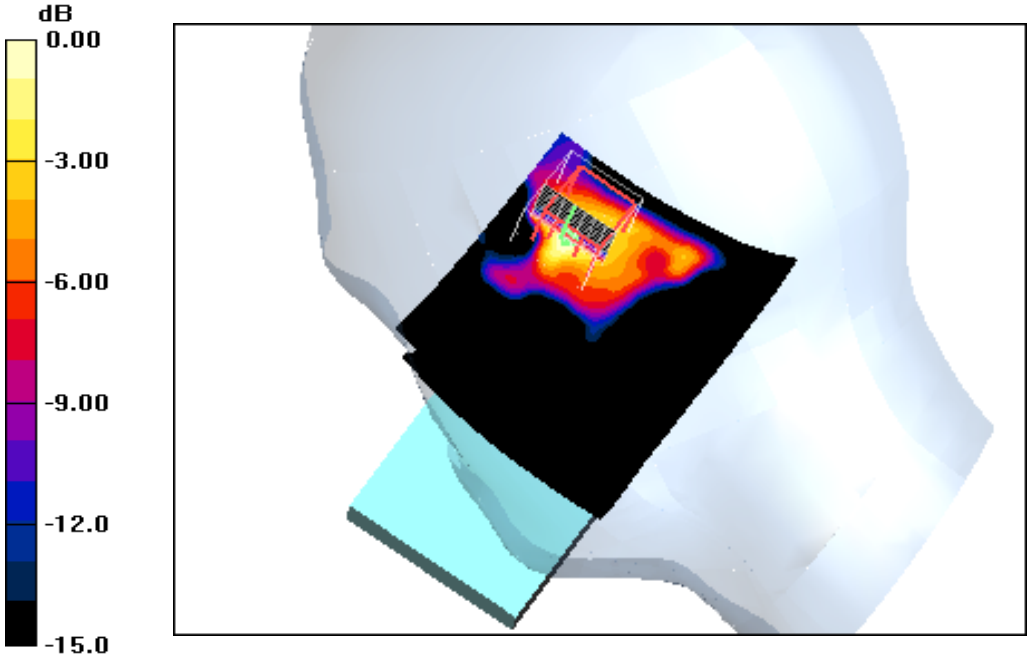
DUT: BlackBerry; Type: RFM121LW; Serial: 990002430036317

Communication System: WLAN 5GHz; Frequency: 5320 MHz; Duty Cycle: 1:1
Medium: HSL5GHz Medium parameters used (interpolated): f = 5320 MHz; σ = 4.64 mho/m; ε_r = 36.4; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3566; ConvF(4.05, 4.05, 4.05); Calibrated: 23.08.2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 11.01.2013
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - Channel 64 with 2nd Battery/Area Scan (91x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.266 mW/g

Tilt position - Channel 64 with 2nd Battery/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 7.58 V/m; Power Drift = 0.043 dB
Peak SAR (extrapolated) = 0.441 W/kg
SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.038 mW/g
Maximum value of SAR (measured) = 0.232 mW/g



0 dB = 0.232mW/g

Additional information:
ambient temperature: 21.6°C; liquid temperature: 20.2°C

Plot 120

Date/Time: 3/7/2013 11:30:11 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

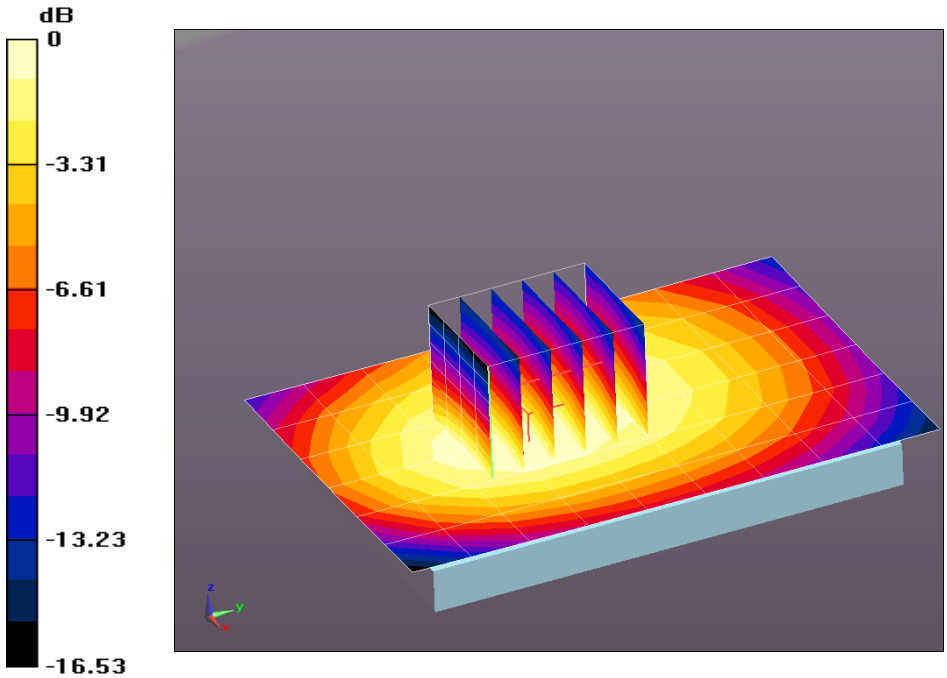
Communication System: GPRS 3 Timeslots; Frequency: 836.6 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used: f = 837 MHz; σ = 0.978 mho/m; ε_r = 52.807; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.7C; Medium Temperature: 20.5C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.03, 6.03, 6.03); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 4/Back 15mm_3 TS_836.6MHz/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.206 mW/g

Flat-Section 4/Back 15mm_3 TS_836.6MHz/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.170 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.249 mW/g
SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.139 mW/g
Maximum value of SAR (measured) = 0.209 mW/g



0 dB = 0.206 mW/g = -13.72 dB mW/g

Plot 121

Date/Time: 3/6/2013 11:15:43 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

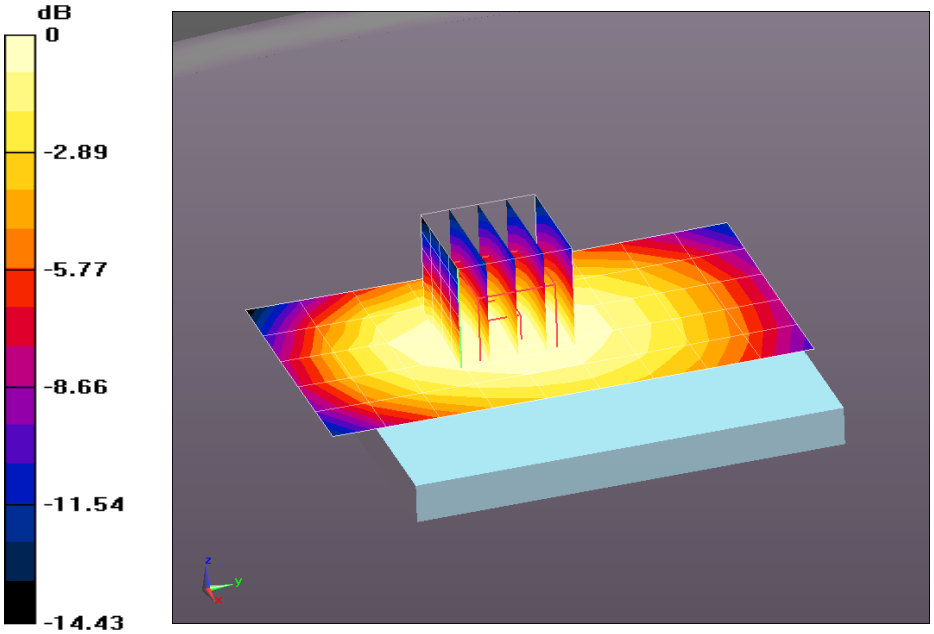
Communication System: GPRS 3 Timeslots; Frequency: 836.6 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used: f = 837 MHz; σ = 0.966 mho/m; ε_r = 54.045; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.6C; Medium Temperature: 21.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.03, 6.03, 6.03); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 3/Front 15mm_3 TS_836.6MHz/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.178 mW/g

Flat-Section 3/Front 15mm_3 TS_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.242 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.209 mW/g
SAR(1 g) = 0.166 mW/g; SAR(10 g) = 0.127 mW/g
Maximum value of SAR (measured) = 0.183 mW/g



0 dB = 0.178 mW/g = -14.97 dB mW/g

Plot 122

Date/Time: 3/7/2013 10:42:18 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

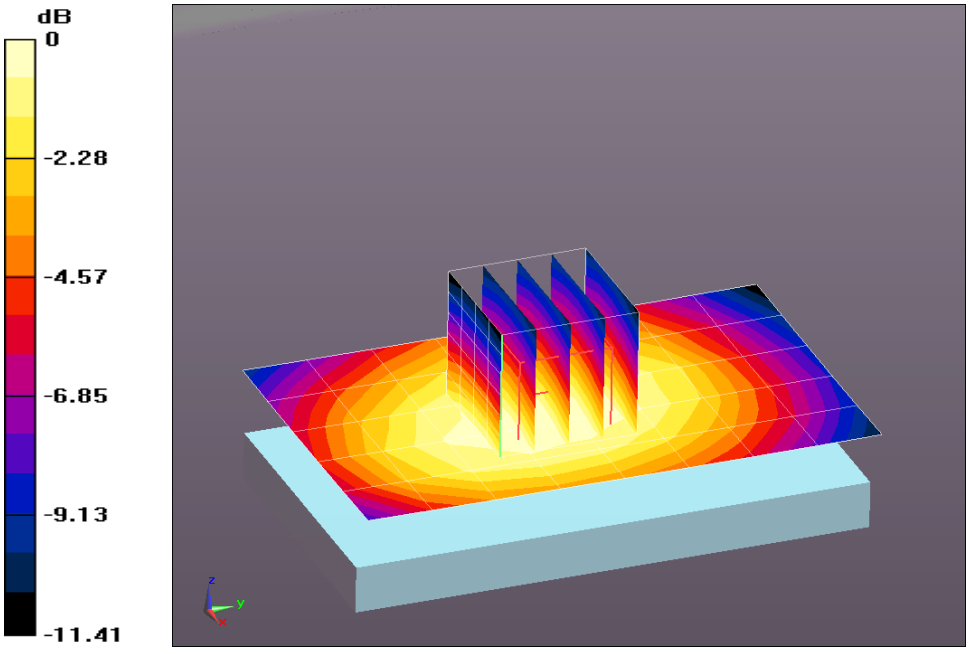
Communication System: GPRS 3 Timeslots; Frequency: 836.6 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used: f = 837 MHz; σ = 0.978 mho/m; ε_r = 52.807; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.3C; Medium Temperature: 20.5C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.03, 6.03, 6.03); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 4/Back 0mm_Holster_3 TS_836.6MHz/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.158 mW/g

Flat-Section 4/Back 0mm_Holster_3 TS_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.391 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.187 mW/g
SAR(1 g) = 0.148 mW/g; SAR(10 g) = 0.110 mW/g
Maximum value of SAR (measured) = 0.163 mW/g



0 dB = 0.158 mW/g = -16.05 dB mW/g

Plot 123

Date/Time: 3/7/2013 11:00:24 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

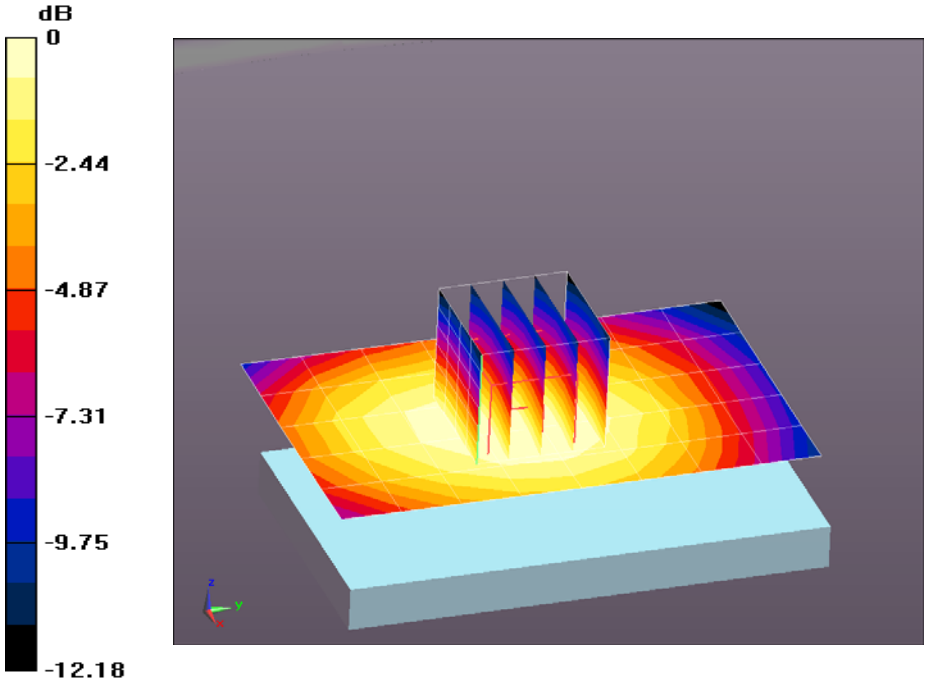
Communication System: GPRS 3 Timeslots; Frequency: 836.6 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used: f = 837 MHz; σ = 0.978 mho/m; ε_r = 52.807; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.5C; Medium Temperature: 20.5C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.03, 6.03, 6.03); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 4/Front 0mm_Holster_3 TS_836.6MHz/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.163 mW/g

Flat-Section 4/Front 0mm_Holster_3 TS_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.967 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.190 mW/g
SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.115 mW/g
Maximum value of SAR (measured) = 0.167 mW/g



0 dB = 0.163 mW/g = -15.74 dB mW/g

Plot 124

Date/Time: 2/27/2013 3:56:33 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-7154

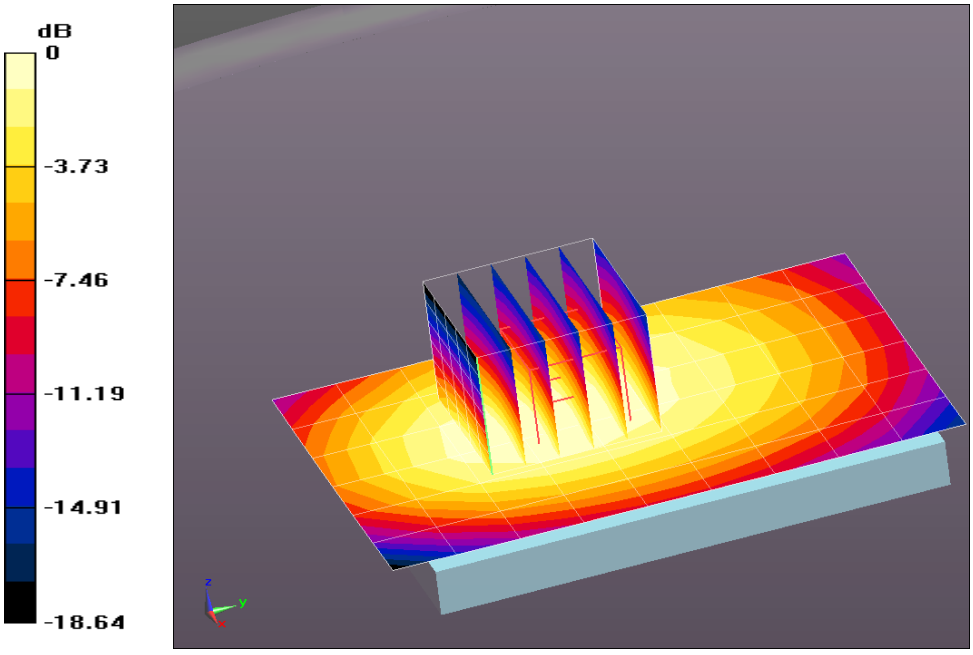
Communication System: GPRS 4 TS; Frequency: 836.6 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used: f = 837 MHz; σ = 0.977 mho/m; ε_r = 52.975; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.8C; Medium Temperature: 20.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.03, 6.03, 6.03); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section/Back 15mm_4 TS_836.6MHz/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.176 mW/g

Flat-Section/Back 15mm_4 TS_836.6MHz/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.587 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.211 mW/g
SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.118 mW/g
Maximum value of SAR (measured) = 0.179 mW/g



0 dB = 0.176 mW/g = -15.11 dB mW/g

Plot 125

Date/Time: 3/7/2013 3:02:58 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

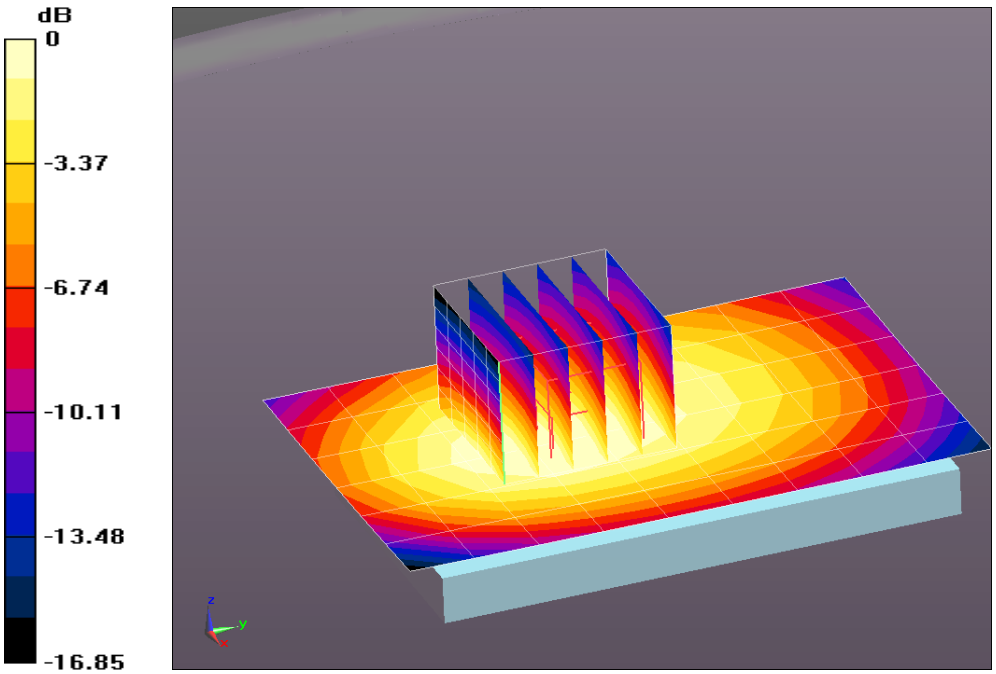
Communication System: GPRS 2 Timeslots; Frequency: 836.6 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used: f = 837 MHz; σ = 0.978 mho/m; ε_r = 52.807; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.7C; Medium Temperature: 20.5C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.03, 6.03, 6.03); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 4/Back 15mm_2 TS_836.6MHz/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.307 mW/g

Flat-Section 4/Back 15mm_2 TS_836.6MHz/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.582 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.370 mW/g
SAR(1 g) = 0.279 mW/g; SAR(10 g) = 0.206 mW/g
Maximum value of SAR (measured) = 0.312 mW/g



0 dB = 0.307 mW/g = -10.25 dB mW/g

Plot 126

Date/Time: 3/7/2013 2:34:42 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

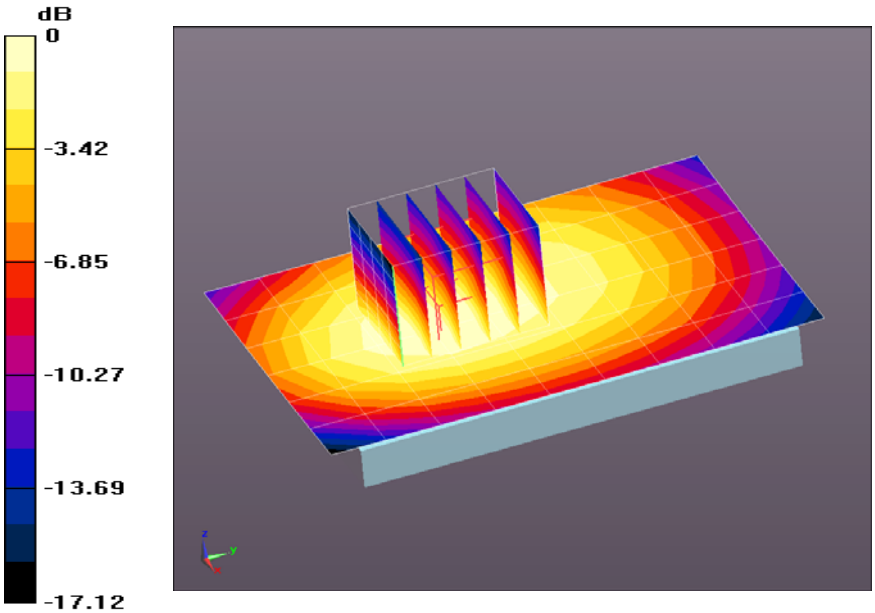
Communication System: GPRS 2 Timeslots; Frequency: 824.2 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.957 mho/m; ε_r = 52.989; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.6C; Medium Temperature: 20.5C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.03, 6.03, 6.03); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 4/Back 15mm_2 TS_Low Ch./Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.299 mW/g

Flat-Section 4/Back 15mm_2 TS_Low Ch./Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.321 V/m; Power Drift = 0.21 dB
Peak SAR (extrapolated) = 0.384 mW/g
SAR(1 g) = 0.290 mW/g; SAR(10 g) = 0.214 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.324 mW/g



0 dB = 0.299 mW/g = -10.49 dB mW/g

Plot 127

Date/Time: 3/7/2013 1:39:13 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

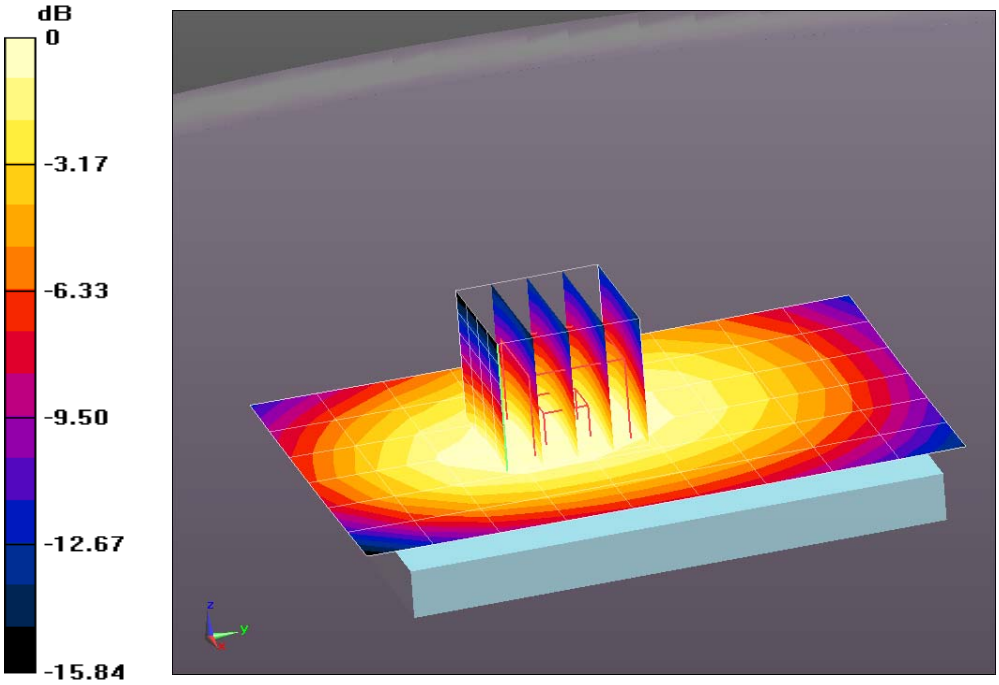
Communication System: GPRS 2 Timeslots; Frequency: 848.8 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used: f = 849 MHz; σ = 0.998 mho/m; ε_r = 52.75; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 22.1C; Medium Temperature: 20.5C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.03, 6.03, 6.03); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 4/Back 15mm_2 TS_High Ch./Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.302 mW/g

Flat-Section 4/Back 15mm_2 TS_High Ch./Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.154 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.358 mW/g
SAR(1 g) = 0.275 mW/g; SAR(10 g) = 0.204 mW/g
Maximum value of SAR (measured) = 0.305 mW/g



0 dB = 0.302 mW/g = -10.39 dB mW/g

Plot 128

Date/Time: 3/7/2013 3:29:55 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

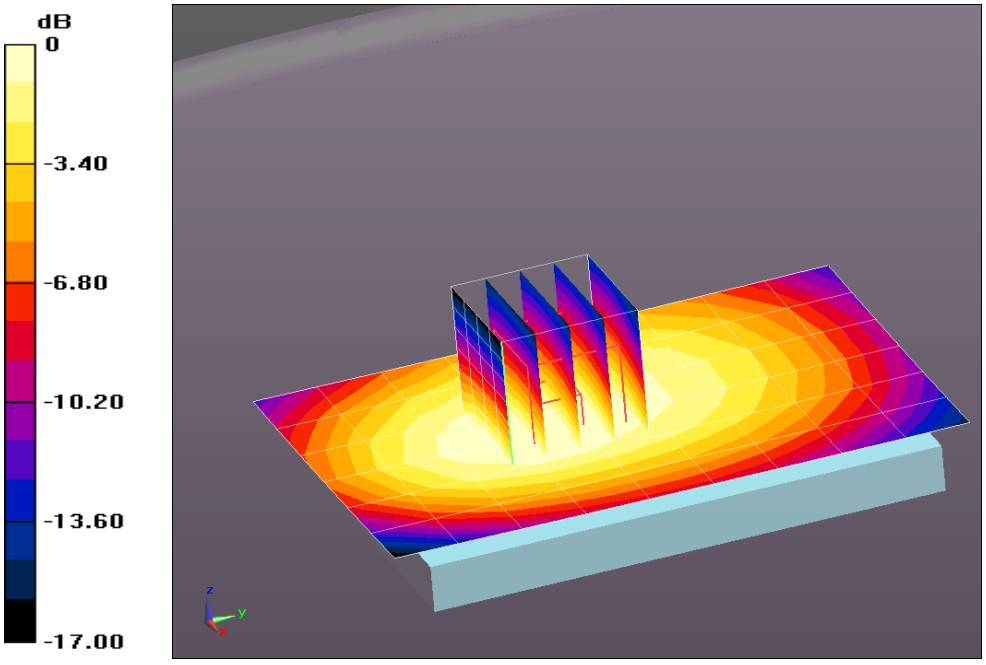
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used: f = 837 MHz; σ = 0.978 mho/m; ε_r = 52.807; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.7C; Medium Temperature: 20.5C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.03, 6.03, 6.03); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 4/Back 15mm_1 TS_836.6MHz/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.269 mW/g

Flat-Section 4/Back 15mm_1 TS_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.200 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.322 mW/g
SAR(1 g) = 0.247 mW/g; SAR(10 g) = 0.184 mW/g
Maximum value of SAR (measured) = 0.275 mW/g



0 dB = 0.269 mW/g = -11.39 dB mW/g

Plot 129

Date/Time: 3/7/2013 4:05:42 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

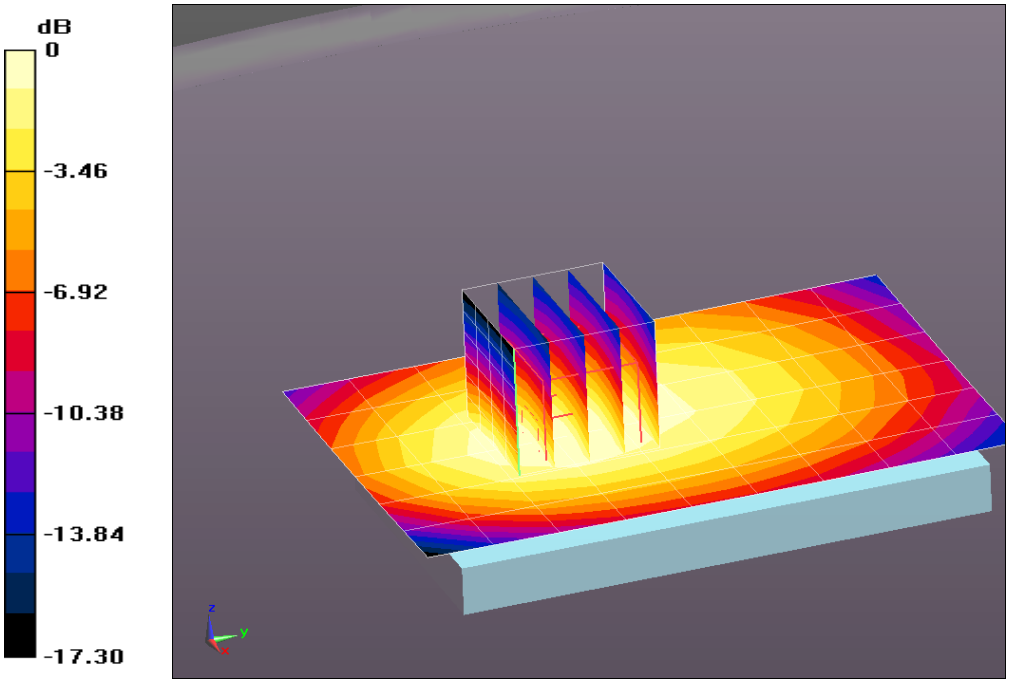
Communication System: GPRS 3 Timeslots; Frequency: 836.6 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used: f = 837 MHz; σ = 0.978 mho/m; ε_r = 52.807; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.8C; Medium Temperature: 20.5C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.03, 6.03, 6.03); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 4/Back 15mm_Headset_3 TS_836.6MHz/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.179 mW/g

Flat-Section 4/Back 15mm_Headset_3 TS_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.039 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.217 mW/g
SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.114 mW/g
Maximum value of SAR (measured) = 0.178 mW/g



0 dB = 0.179 mW/g = -14.95 dB mW/g

Plot 130

Date/Time: 3/8/2013 9:06:30 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: RIM; Type: Phone; Serial: 0809-3914-6155

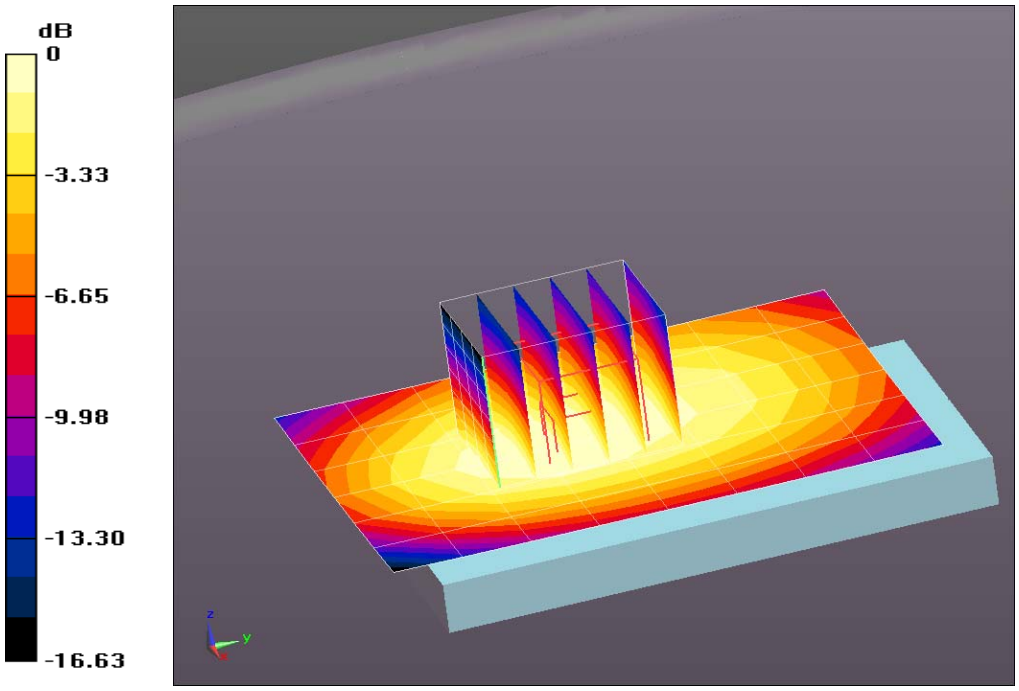
Communication System: GPRS 3 Timeslots; Frequency: 836.6 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used: f = 837 MHz; σ = 0.978 mho/m; ε_r = 52.807; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.8C; Medium Temperature: 20.5C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.03, 6.03, 6.03); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 4/Back 15mm_2nd Battery_3 TS_836.6MHz/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.208 mW/g

Flat-Section 4/Back 15mm_2nd Battery_3 TS_836.6MHz/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.668 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.249 mW/g
SAR(1 g) = 0.187 mW/g; SAR(10 g) = 0.139 mW/g
Maximum value of SAR (measured) = 0.209 mW/g



0 dB = 0.208 mW/g = -13.63 dB mW/g