Plot 1

Date/Time: 4/10/2013 10:20:49 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC245300005

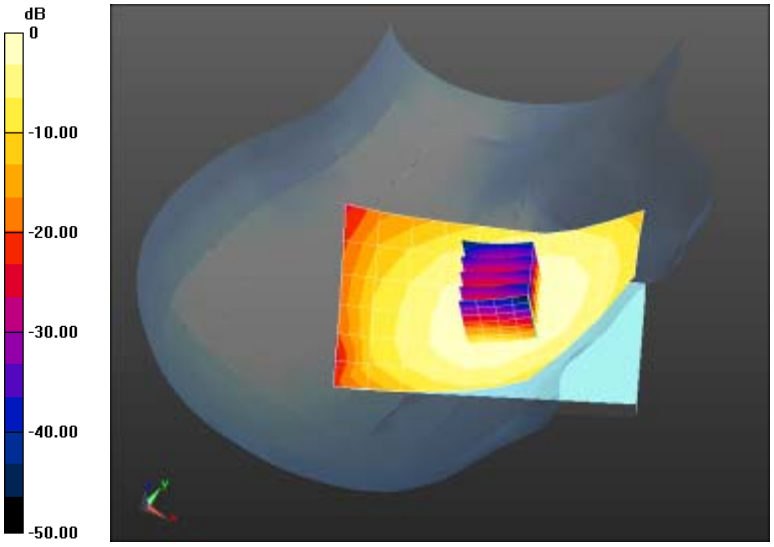
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz
Medium: HSL900_Batch 100922-1
Medium parameters used: f = 837 MHz; σ = 0.9 mho/m; ε_r = 40.216; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.6C; Medium Temperature: 21.2C;
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 (10x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.112 mW/g

Right-Hand-Side/Touch Position_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.307 V/m; Power Drift = -0.21 dB
Peak SAR (extrapolated) = 0.129 mW/g
SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.078 mW/g



0 dB = 0.112 mW/g = -19.05 dB mW/g

Plot 2

Date/Time: 4/10/2013 10:57:37 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC245300005

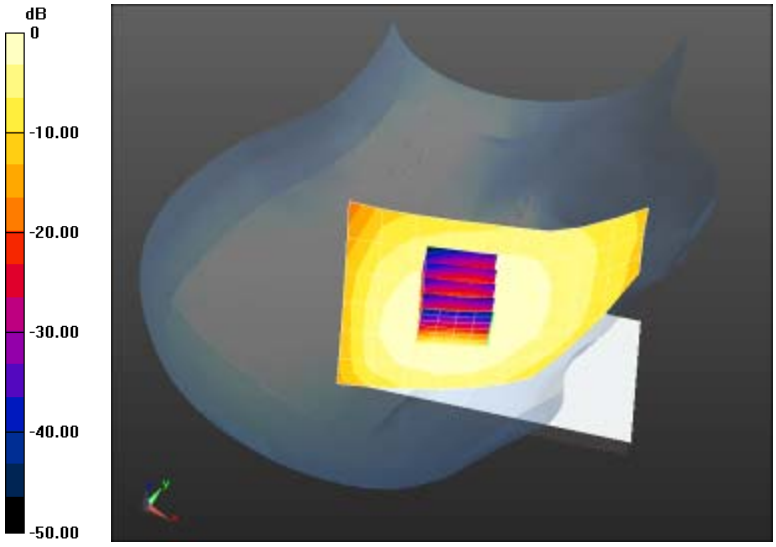
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz
Medium: HSL900_Batch 100922-1
Medium parameters used: f = 837 MHz; σ = 0.9 mho/m; ε_r = 40.216; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.3C; Medium Temperature: 21.2C;
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 (10x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0761 mW/g

Right-Hand-Side/Tilt Position_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.571 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.091 mW/g
SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.056 mW/g
Maximum value of SAR (measured) = 0.0801 mW/g



0 dB = 0.0761 mW/g = -22.37 dB mW/g

Plot 3

Date/Time: 4/10/2013 11:17:47 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC245300005

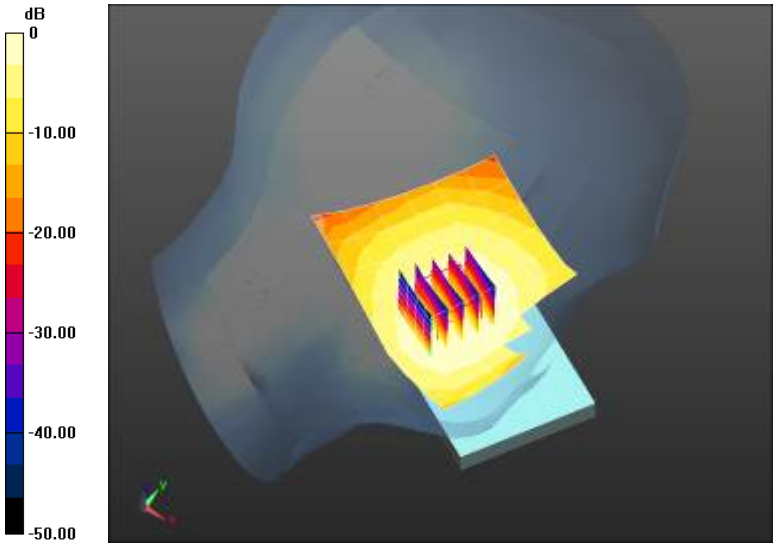
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz
Medium: HSL900_Batch 100922-1
Medium parameters used: f = 837 MHz; σ = 0.9 mho/m; ε_r = 40.216; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.8C; Medium Temperature: 21.2C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.04, 6.04, 6.04); Calibrated: 8/17/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (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) = 0.122 mW/g

Left-Hand-Side/Touch Position_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.683 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.140 mW/g
SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.085 mW/g
Maximum value of SAR (measured) = 0.120 mW/g



0 dB = 0.122 mW/g = -18.28 dB mW/g

Plot 4

Date/Time: 4/10/2013 11:35:16 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC245300005

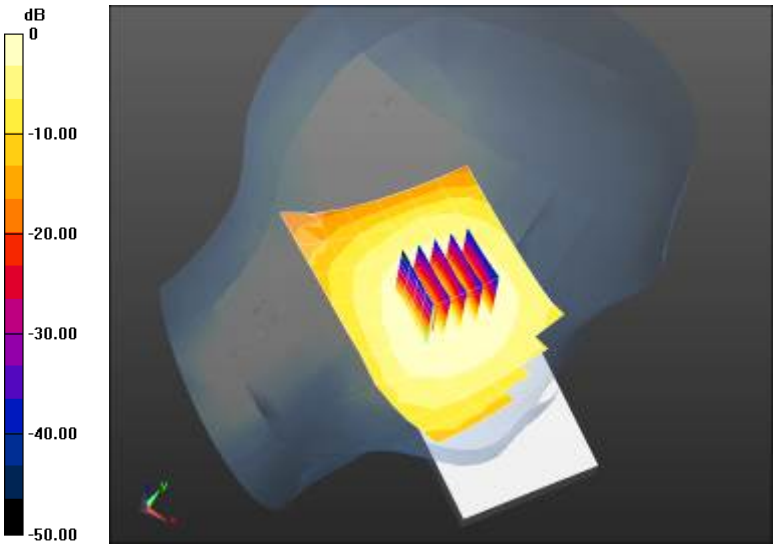
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz
Medium: HSL900_Batch 100922-1
Medium parameters used: f = 837 MHz; σ = 0.9 mho/m; ε_r = 40.216; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.7C; Medium Temperature: 21.2C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.04, 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) = 0.0986 mW/g

Left-Hand-Side/Tilt Position_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.763 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.111 mW/g
SAR(1 g) = 0.089 mW/g; SAR(10 g) = 0.068 mW/g
Maximum value of SAR (measured) = 0.0964 mW/g



0 dB = 0.0986 mW/g = -20.13 dB mW/g

Plot 5

Date/Time: 7/11/2013 11:46:37 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBMB309100135

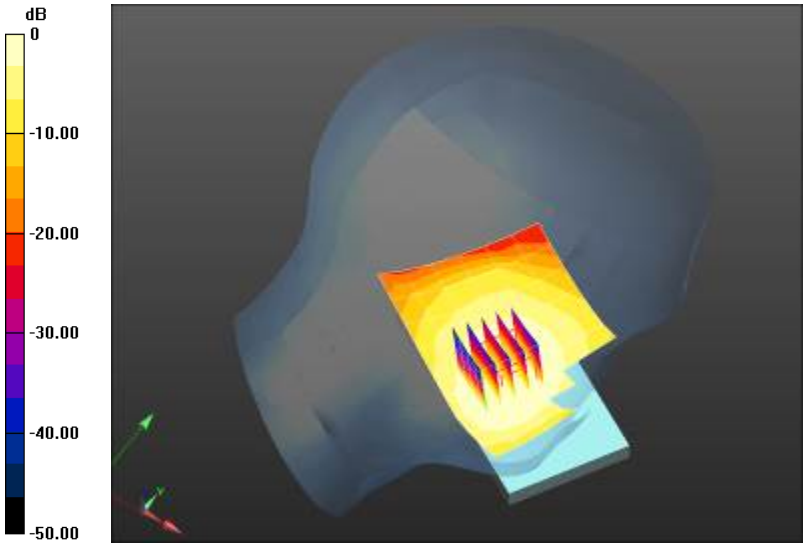
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz
Medium: HSL900_Batch 110607-1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.906 mho/m; ε_r = 41.018; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Nalini; Air Temperature: 22.4C; Medium Temperature: 21.2C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.27, 6.27, 6.27); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (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 Section 4-18-13/Touch Position_836.6MHz/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0934 mW/g

Left Hand Side Section 4-18-13/Touch Position_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.775 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.109 mW/g
SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.065 mW/g
Maximum value of SAR (measured) = 0.0904 mW/g



Plot 6

Date/Time: 4/8/2013 12:40:31 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB243400902

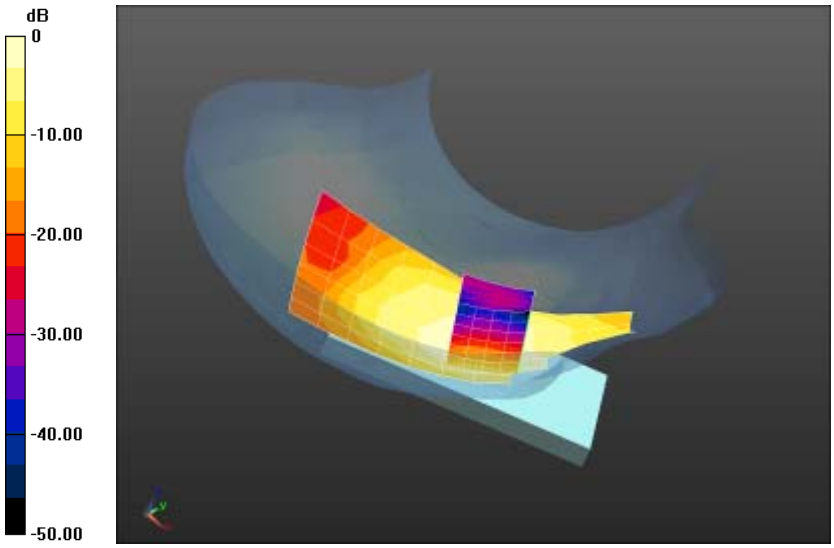
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1880 MHz; σ = 1.458 mho/m; ε_r = 38.553; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John ; Air Temperature: 22.8C ; Medium Temperature: 21.6C;
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) = 0.206 mW/g

Right-Hand-Side/Touch Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.908 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.268 mW/g
SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.121 mW/g
Maximum value of SAR (measured) = 0.211 mW/g



0 dB = 0.206 mW/g = -13.73 dB mW/g

Plot 7

Date/Time: 4/8/2013 1:15:48 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB243400902

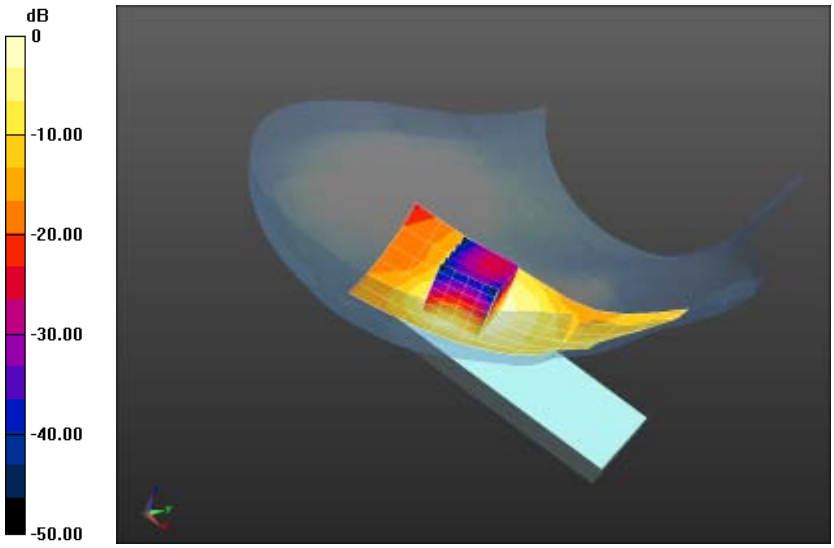
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1880 MHz; σ = 1.458 mho/m; ε_r = 38.553; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John ; Air Temperature: 22.9C; Medium Temperature: 21.6C ;
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) = 0.176 mW/g

Right-Hand-Side/Tilt Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.611 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.257 mW/g
SAR(1 g) = 0.166 mW/g; SAR(10 g) = 0.102 mW/g
Maximum value of SAR (measured) = 0.191 mW/g



0 dB = 0.176 mW/g = -15.09 dB mW/g

Plot 8

Date/Time: 4/8/2013 3:10:33 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB243400902

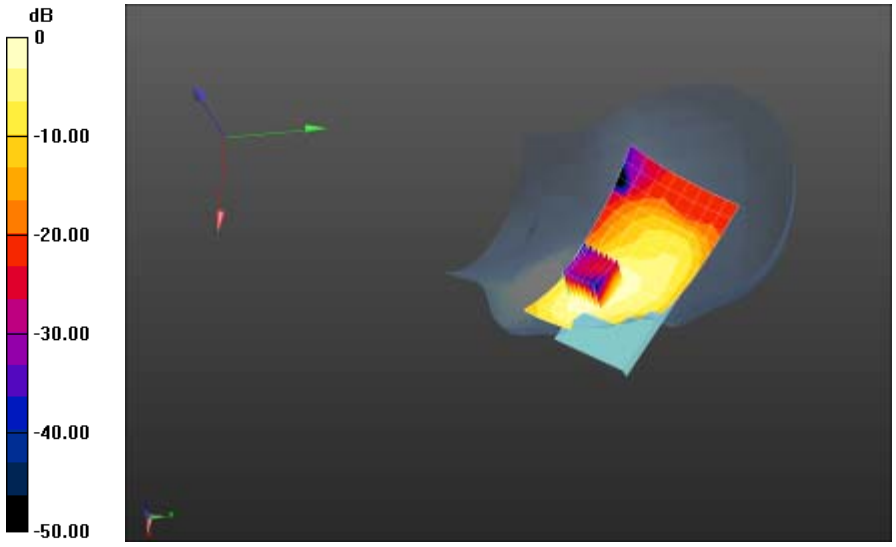
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1880 MHz; σ = 1.458 mho/m; ε_r = 38.553; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 22.3C; Medium Temperature: 21.6C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(5.09, 5.09, 5.09); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (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/Area Scan (14x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.470 mW/g

Left-Hand-Side/Touch Position/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.647 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.677 mW/g
SAR(1 g) = 0.434 mW/g; SAR(10 g) = 0.269 mW/g
Maximum value of SAR (measured) = 0.476 mW/g



0 dB = 0.470 mW/g = -6.56 dB mW/g

Plot 9

Date/Time: 4/8/2013 2:38:33 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB243400902

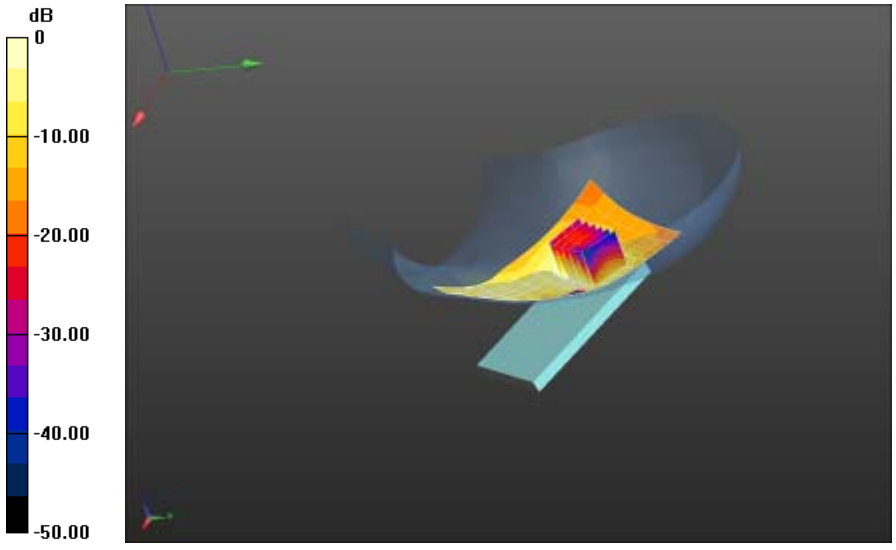
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1880 MHz; σ = 1.458 mho/m; ε_r = 38.553; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 22.3C; Medium Temperature: 21.6C;
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/Area Scan (14x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.183 mW/g

Left-Hand-Side/Tilt Position/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.999 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.231 mW/g
SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.103 mW/g



0 dB = 0.183 mW/g = -14.74 dB mW/g

Plot 10

Date/Time: 7/18/2013 12:47:06 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBMB309100135

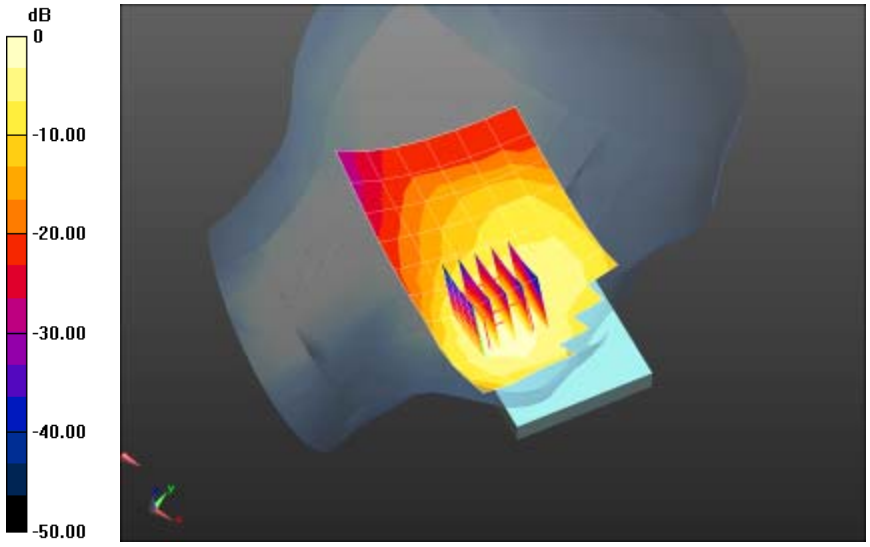
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1880 MHz; σ = 1.43 mho/m; ε_r = 38.118; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Nalini; Air Temperature: 23.4C; Medium Temperature: 21.5C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(5.09, 5.09, 5.09); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Left-Hand-Side/Touch Position/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.640 mW/g

Left-Hand-Side/Touch Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.266 V/m; Power Drift = 0.20 dB
Peak SAR (extrapolated) = 0.853 mW/g
SAR(1 g) = 0.538 mW/g; SAR(10 g) = 0.332 mW/g
Maximum value of SAR (measured) = 0.579 mW/g



0 dB = 0.640 mW/g = -3.88 dB mW/g

Plot 11

Date/Time: 4/9/2013 9:03:00 AM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB245400138

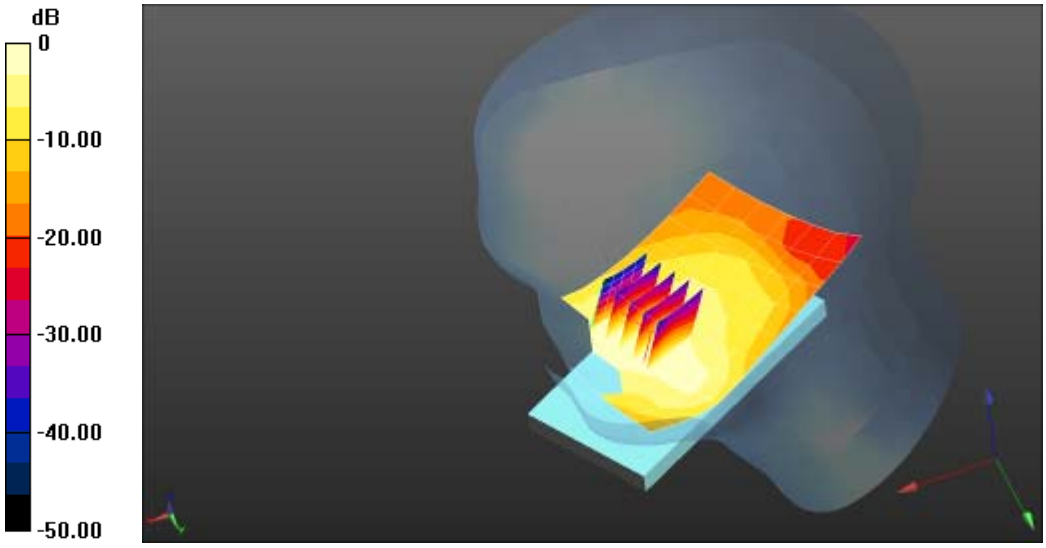
Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1880 MHz; σ = 1.458 mho/m; ε_r = 38.553; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 22C; Medium Temperature:21.6C ; 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) = 0.699 mW/g

Right-Hand-Side/Touch Position/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.855 V/m; Power Drift = 0.20 dB
Peak SAR (extrapolated) = 0.884 mW/g
SAR(1 g) = 0.610 mW/g; SAR(10 g) = 0.395 mW/g
Maximum value of SAR (measured) = 0.701 mW/g



0 dB = 0.699 mW/g = -3.11 dB mW/g

Plot 12

Date/Time: 4/9/2013 9:18:33 AM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB245400138

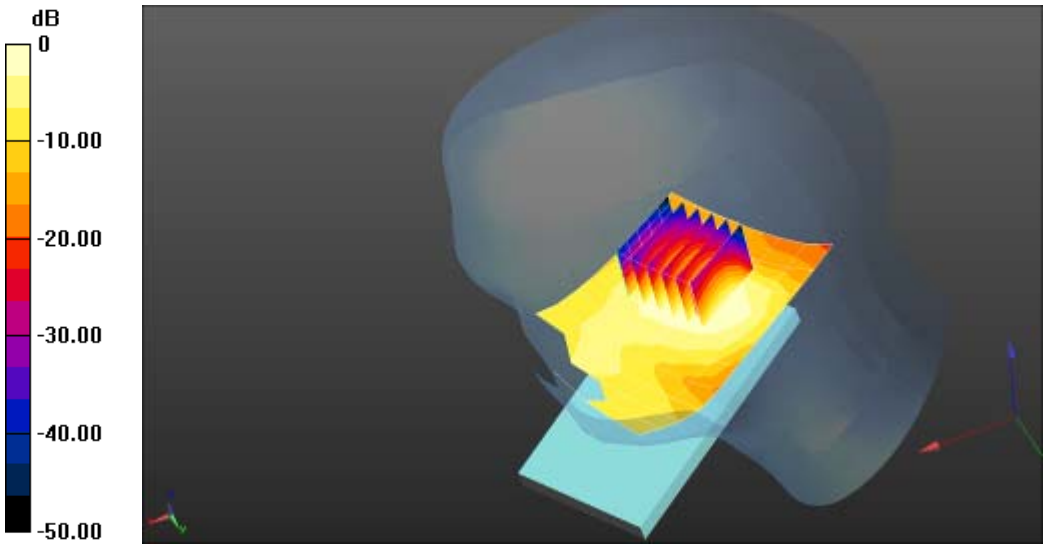
Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1880 MHz; σ = 1.458 mho/m; ε_r = 38.553; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician:John; Air Temperature: ;21.8C Medium Temperature: 21.6C;
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) = 0.404 mW/g

Right-Hand-Side/Tilt Position/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.999 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.562 mW/g
SAR(1 g) = 0.379 mW/g; SAR(10 g) = 0.240 mW/g
Maximum value of SAR (measured) = 0.426 mW/g



0 dB = 0.404 mW/g = -7.87 dB mW/g

Plot 13

Date/Time: 4/9/2013 8:16:54 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB245400138

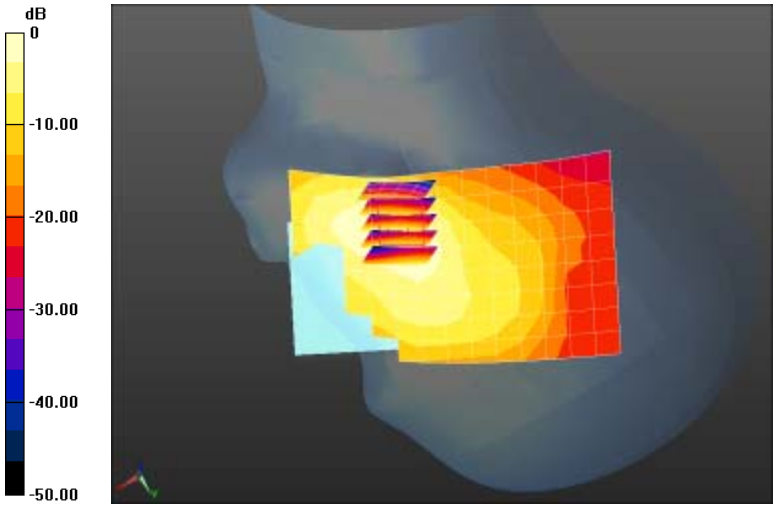
Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1880 MHz; σ = 1.458 mho/m; ε_r = 38.553; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 21.6C; Medium Temperature: 21.6C;
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 (14x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 1.27 mW/g

Left-Hand-Side/Touch Position_1880MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.957 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.736 mW/g
SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.681 mW/g
Maximum value of SAR (measured) = 1.31 mW/g



0 dB = 1.27 mW/g = 2.06 dB mW/g

Plot 14

Date/Time: 4/9/2013 8:36:28 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB245400138

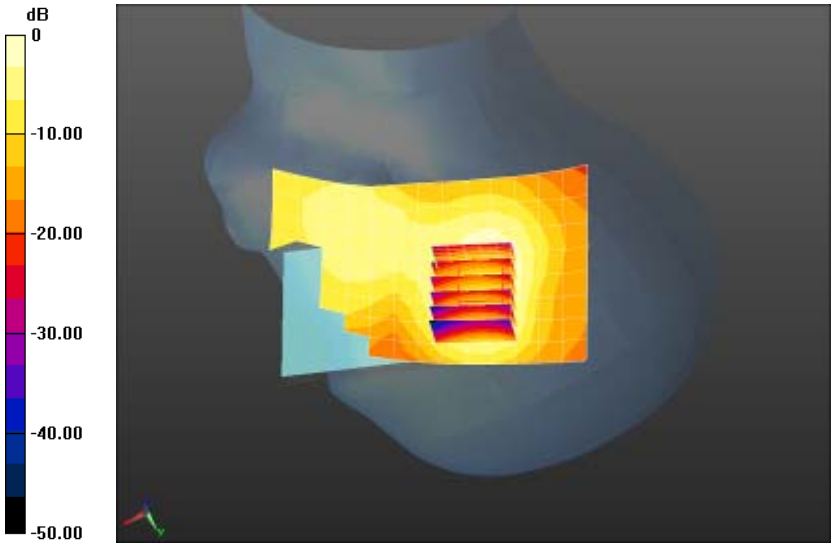
Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1880 MHz; σ = 1.458 mho/m; ε_r = 38.553; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 22.6C; Medium Temperature: 21.6C;
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/Area Scan (14x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.484 mW/g

Left-Hand-Side/Tilt Position/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.583 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.626 mW/g
SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.281 mW/g
Maximum value of SAR (measured) = 0.500 mW/g



0 dB = 0.484 mW/g = -6.31 dB mW/g

Plot 15

Date/Time: 4/9/2013 9:42:13 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

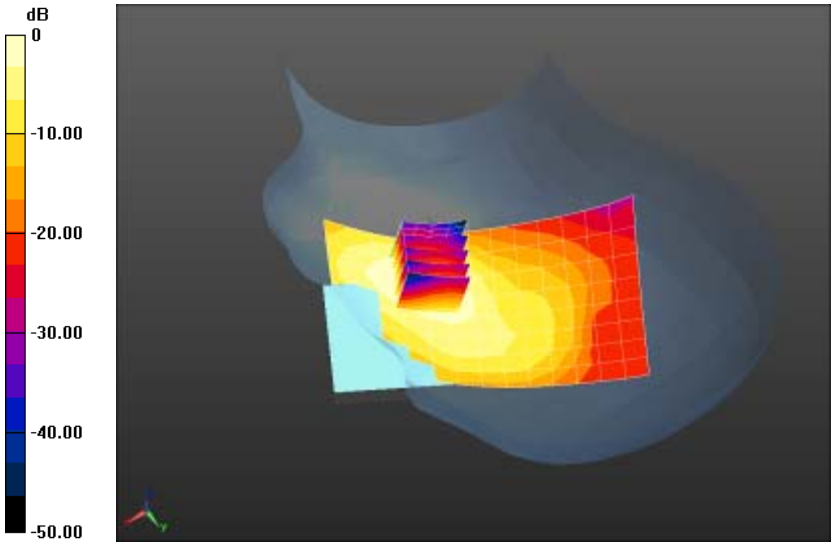
DUT: Intel Redhook; Type: phone; Serial: RHBEB245400138

Communication System: UMTS-FDD (WCDMA); Frequency: 1852.4 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.39 mho/m; ε_r = 38.442; 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: 21.8C; Medium Temperature: 21.6C;
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_1852.4MHz/Area Scan (14x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 1.14 mW/g
Left-Hand-Side/Touch Position_1852.4MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.085 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.546 mW/g
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.626 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.18 mW/g



0 dB = 1.14 mW/g = 1.16 dB mW/g

Plot 16

Date/Time: 4/9/2013 10:02:53 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB245400138

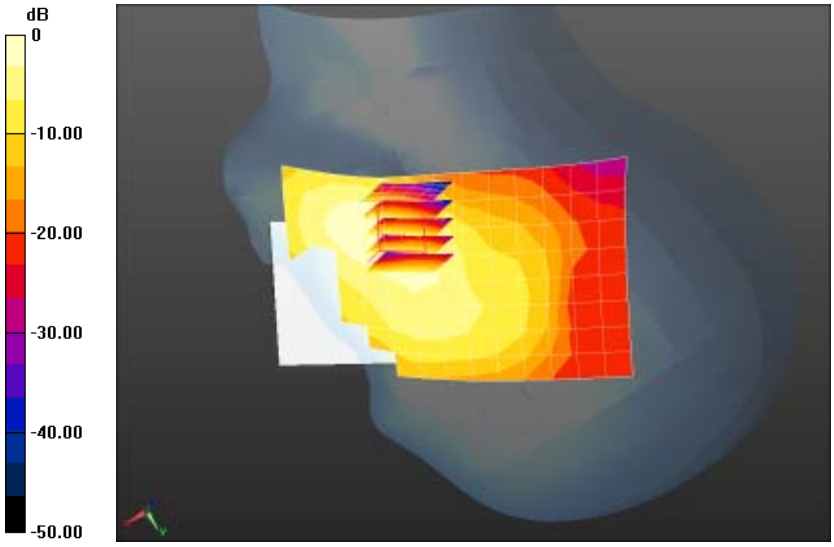
Communication System: UMTS-FDD (WCDMA); Frequency: 1907.6 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1908 MHz; σ = 1.457 mho/m; ε_r = 38.654; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 23.2C; Medium Temperature: 21.6C;
Comments: ;

DASY Configuration:

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

Left-Hand-Side/Touch Position_1907.6MHz/Area Scan (14x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 1.02 mW/g

Left-Hand-Side/Touch Position_1907.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.409 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.376 mW/g
SAR(1 g) = 0.883 mW/g; SAR(10 g) = 0.541 mW/g



0 dB = 1.02 mW/g = 0.13 dB mW/g

Plot 17

Date/Time: 7/17/2013 11:06:04 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBMB309100135

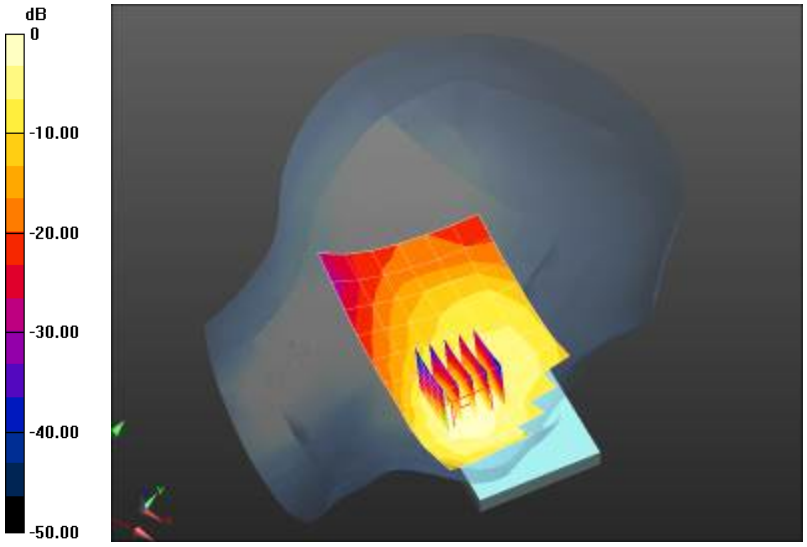
Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1880 MHz; σ = 1.43 mho/m; ε_r = 38.118; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Nalini; Air Temperature: 23.3C; Medium Temperature: 21.5C;
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 Sn1265; Calibrated: 6/11/2013
- 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) = 1.39 mW/g

Left-Hand-Side/Touch Position_1880MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.367 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.811 mW/g
SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.725 mW/g
Maximum value of SAR (measured) = 1.35 mW/g



0 dB = 1.39 mW/g = 2.87 dB mW/g

Plot 18

Date/Time: 7/17/2013 11:25:55 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBMB309100135

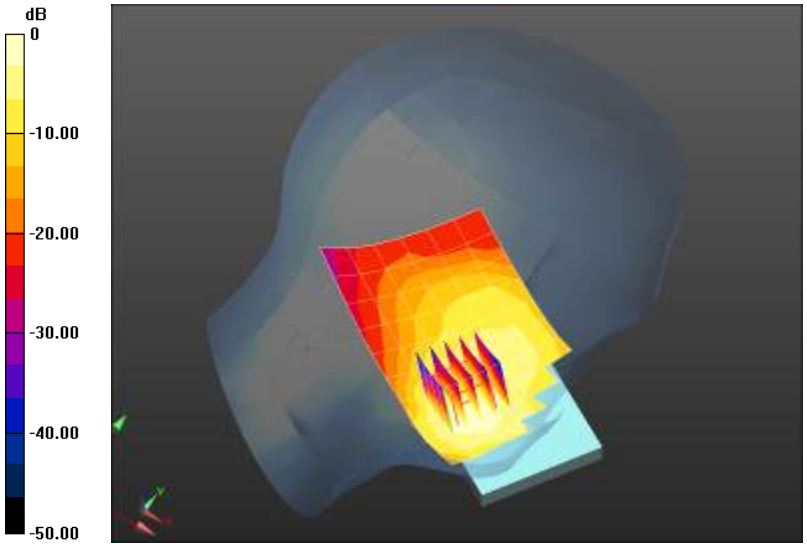
Communication System: UMTS-FDD (WCDMA); Frequency: 1852.4 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.384 mho/m; ε_r = 38.14; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Nalini; Air Temperature: 23.3C; Medium Temperature: 21.5C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(5.09, 5.09, 5.09); Calibrated: 11/7/2012;
- 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: 6/11/2013
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Left-Hand-Side/Touch Position_1852.4MHz/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.47 mW/g

Left-Hand-Side/Touch Position_1852.4MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.621 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.884 mW/g
SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.774 mW/g
Maximum value of SAR (measured) = 1.43 mW/g



0 dB = 1.47 mW/g = 3.32 dB mW/g

Plot 19

Date/Time: 7/17/2013 11:40:29 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBMB309100135

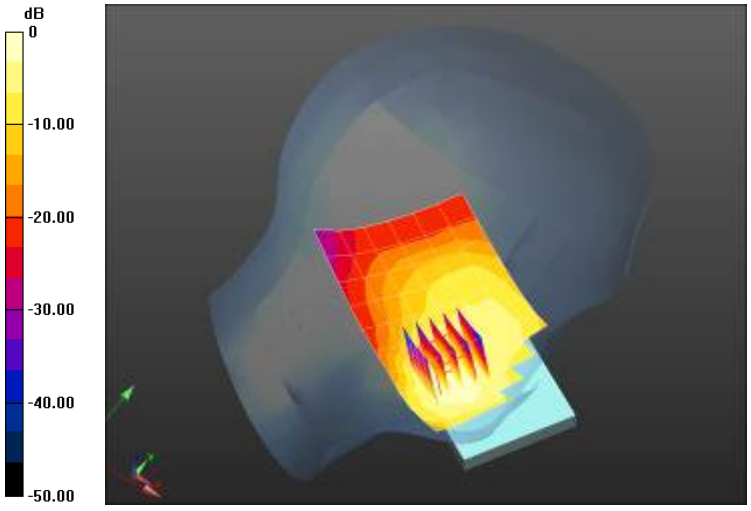
Communication System: UMTS-FDD (WCDMA); Frequency: 1907.6 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1908 MHz; σ = 1.451 mho/m; ε_r = 38.096; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Nalini; Air Temperature: 23.3C; Medium Temperature: 21.5C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(5.09, 5.09, 5.09); Calibrated: 11/7/2012;
- 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: 6/11/2013
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Left-Hand-Side/Touch Position_1907.6MHz/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.28 mW/g

Left-Hand-Side/Touch Position_1907.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.722 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.687 mW/g
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.674 mW/g
Maximum value of SAR (measured) = 1.25 mW/g



0 dB = 1.28 mW/g = 2.16 dB mW/g

Plot 20

Date/Time: 5/14/2013 10:09:30 AM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: Intel; Type: Phone; Serial: RHBEB243200082

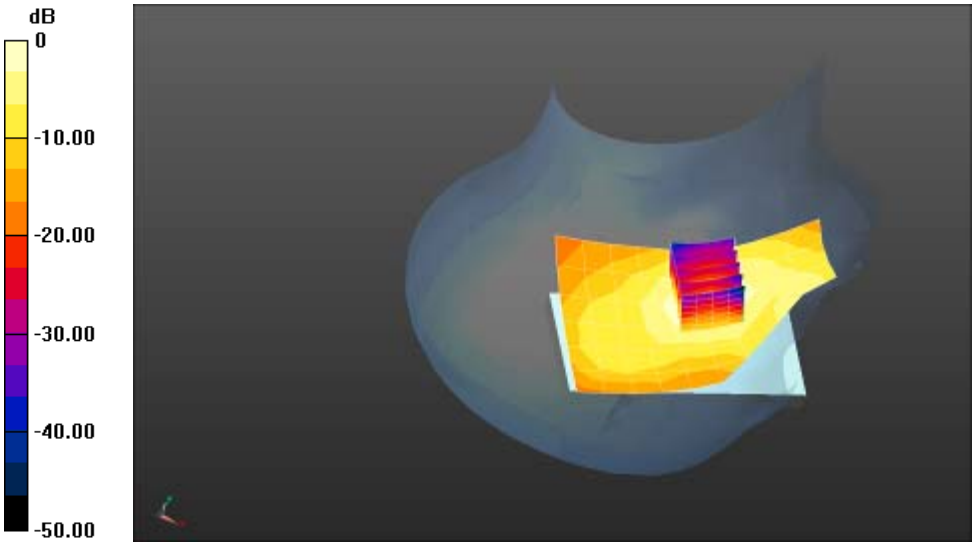
Communication System: UMTS WCDMA; Frequency: 1732.6 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used: f = 1733 MHz; σ = 1.361 mho/m; ε_r = 39.743; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 24.1C; Medium Temperature: 22.3C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.66, 5.66, 5.66); 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 05-14-13/Touch Position_1732.6MHz/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0954 mW/g

Right-Hand Side 05-14-13/Touch Position_1732.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.516 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.122 mW/g
SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.049 mW/g
Maximum value of SAR (measured) = 0.0923 mW/g



0 dB = 0.0954 mW/g = -20.41 dB mW/g

Plot 21

Date/Time: 5/14/2013 10:26:58 AM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: Intel; Type: Phone; Serial: RHBEB243200082

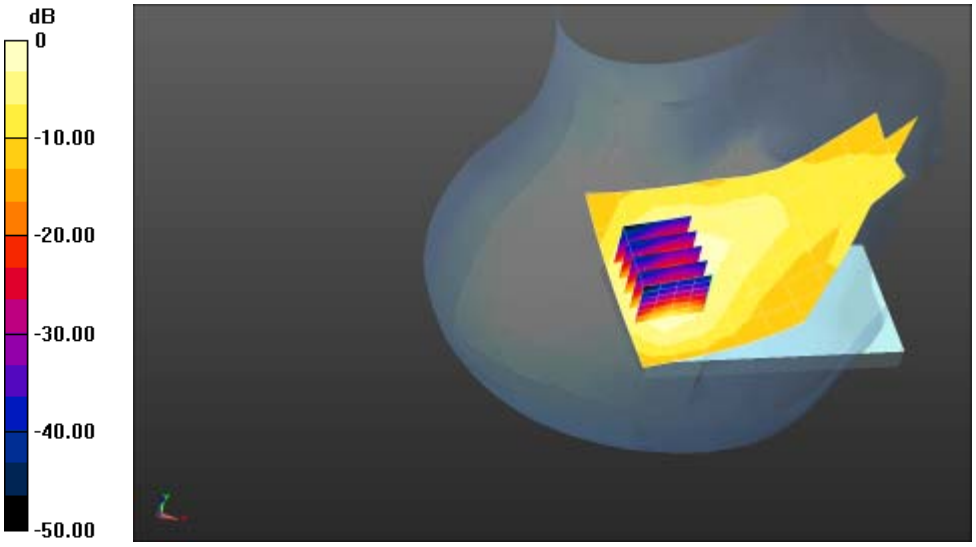
Communication System: UMTS WCDMA; Frequency: 1732.6 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used: f = 1733 MHz; σ = 1.361 mho/m; ε_r = 39.743; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 24.4C; Medium Temperature: 22.3C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.66, 5.66, 5.66); 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 05-14-13/Tilt Position_1732.6MHz/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0384 mW/g

Right-Hand Side 05-14-13/Tilt Position_1732.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.007 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.054 mW/g
SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.022 mW/g
Maximum value of SAR (measured) = 0.0418 mW/g



0 dB = 0.0384 mW/g = -28.32 dB mW/g

Plot 22

Date/Time: 5/13/2013 3:53:43 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

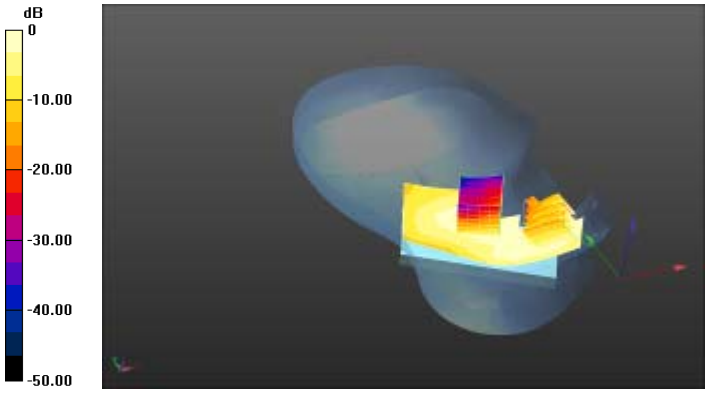
DUT: Intel; Type: Phone; Serial: RHBEB243200082

Communication System: UMTS WCDMA; Frequency: 1732.6 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used: f = 1733 MHz; σ = 1.361 mho/m; ε_r = 39.743; 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: 22.3C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.66, 5.66, 5.66); 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 05-13-13/Touch Position_1732.6MHz 2/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0391 mW/g
Left-Hand Side 05-13-13/Touch Position_1732.6MHz 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.605 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.048 mW/g
SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.020 mW/g
Maximum value of SAR (measured) = 0.0374 mW/g
Left-Hand Side 05-13-13/Touch Position_1732.6MHz 2/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.605 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.049 mW/g
SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.016 mW/g
Maximum value of SAR (measured) = 0.0335 mW/g



0 dB = 0.0391 mW/g = -28.16 dB mW/g

Plot 23

Date/Time: 5/13/2013 4:41:39 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: Intel; Type: Phone; Serial: RHBEB243200082

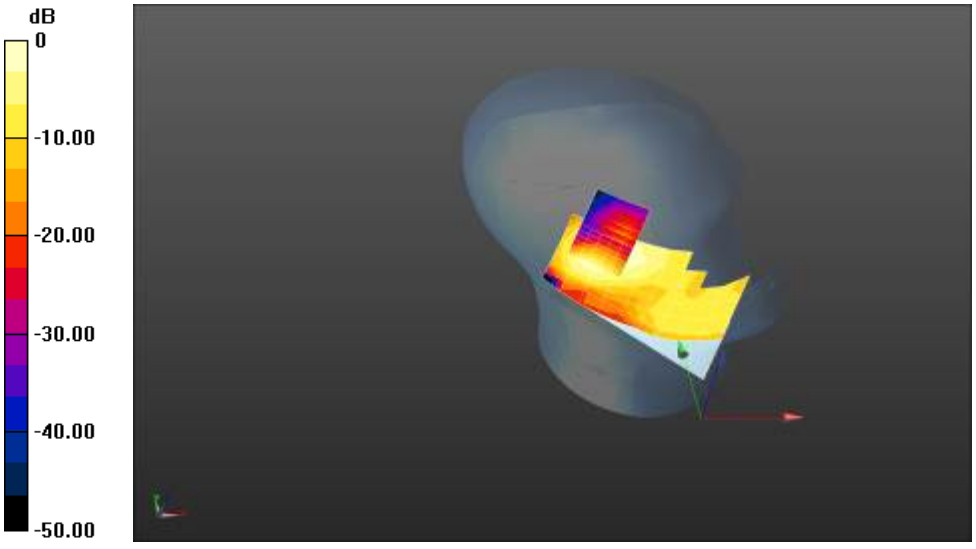
Communication System: UMTS WCDMA; Frequency: 1732.6 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used: f = 1733 MHz; σ = 1.361 mho/m; ε_r = 39.743; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 23.1C; Medium Temperature: 22.3C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.66, 5.66, 5.66); 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 05-13-13/Tilt Position_1732.6MHz/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0366 mW/g

Left-Hand Side 05-13-13/Tilt Position_1732.6MHz/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.407 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.049 mW/g
SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.021 mW/g
Maximum value of SAR (measured) = 0.0381 mW/g



0 dB = 0.0366 mW/g = -28.73 dB mW/g

Plot 24

Date/Time: 7/19/2013 1:47:33 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBMB309100135

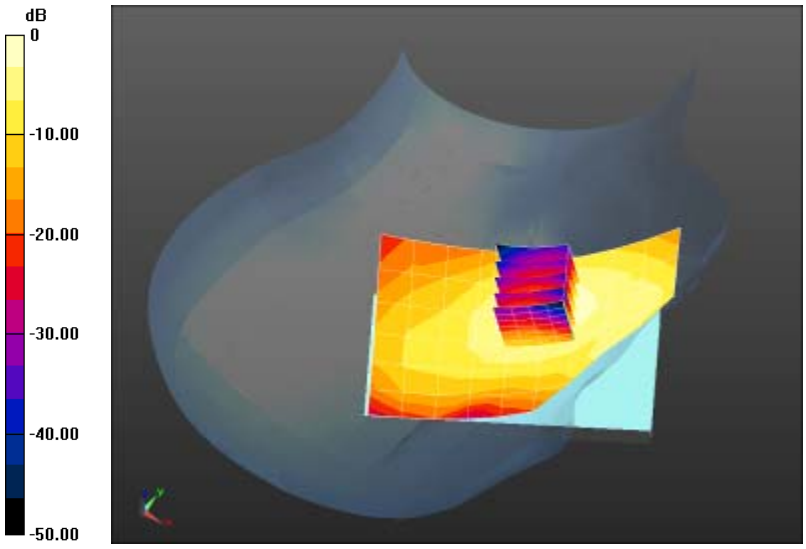
Communication System: UMTS WCDMA; Frequency: 1732.6 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used: f = 1733 MHz; σ = 1.362 mho/m; ε_r = 38.332; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician:Nalini; Air Temperature: 23.1C; Medium Temperature: 21.5C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(5.32, 5.32, 5.32); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Right-Hand Side 07-19-13/Touch Position_1732.6MHz/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.209 mW/g

Right-Hand Side 07-19-13/Touch Position_1732.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.533 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.281 mW/g
SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.112 mW/g



0 dB = 0.209 mW/g = -13.58 dB mW/g

Plot 25

Date/Time: 4/19/2013 3:24:32 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: Intel; Type: Phone; Serial: RHBEB243200082

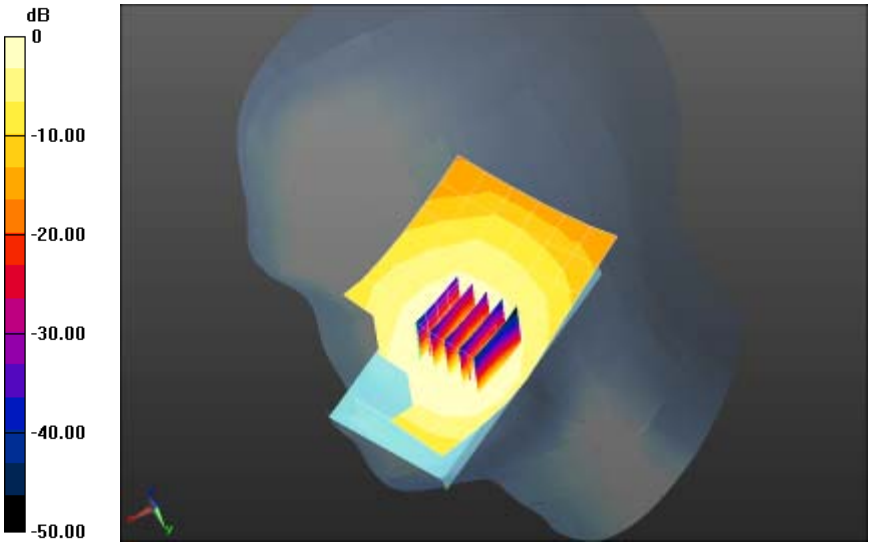
Communication System: UMTS WCDMA; Frequency: 836.6 MHz
Medium: HSL900_Batch 100922-1
Medium parameters used: f = 837 MHz; σ = 0.905 mho/m; ε_r = 41.591; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Dylan; Air Temperature: 23.2C; Medium Temperature: 21.2C;
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 04-19-13 PM/Touch Position_836.6MHz 2/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0792 mW/g

Right-Hand Side 04-19-13 PM/Touch Position_836.6MHz 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.906 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.095 mW/g
SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.055 mW/g
Maximum value of SAR (measured) = 0.0808 mW/g



0 dB = 0.0792 mW/g = -22.03 dB mW/g

Plot 26

Date/Time: 4/19/2013 3:39:41 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: Intel; Type: Phone; Serial: RHBEB243200082

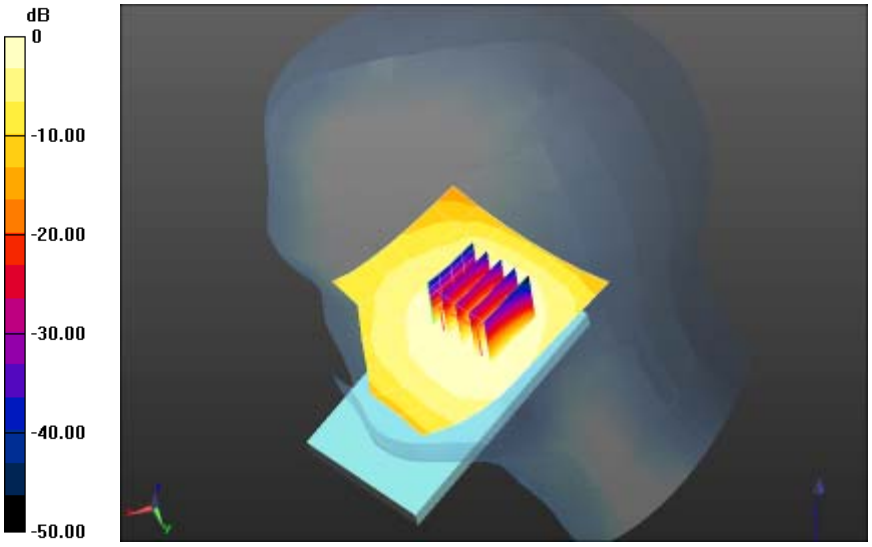
Communication System: UMTS WCDMA; Frequency: 836.6 MHz
Medium: HSL900_Batch 100922-1
Medium parameters used: f = 837 MHz; σ = 0.905 mho/m; ε_r = 41.591; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Nalini; Air Temperature: 25C; Medium Temperature: 22.3C;
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 04-19-13 PM/Tilt Position_836.6MHz/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0796 mW/g

Right-Hand Side 04-19-13 PM/Tilt Position_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.769 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.091 mW/g
SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.055 mW/g
Maximum value of SAR (measured) = 0.0794 mW/g



0 dB = 0.0796 mW/g = -21.98 dB mW/g

Plot 27

Date/Time: 4/18/2013 4:23:56 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: Intel; Type: Phone; Serial: RHBEB243200082

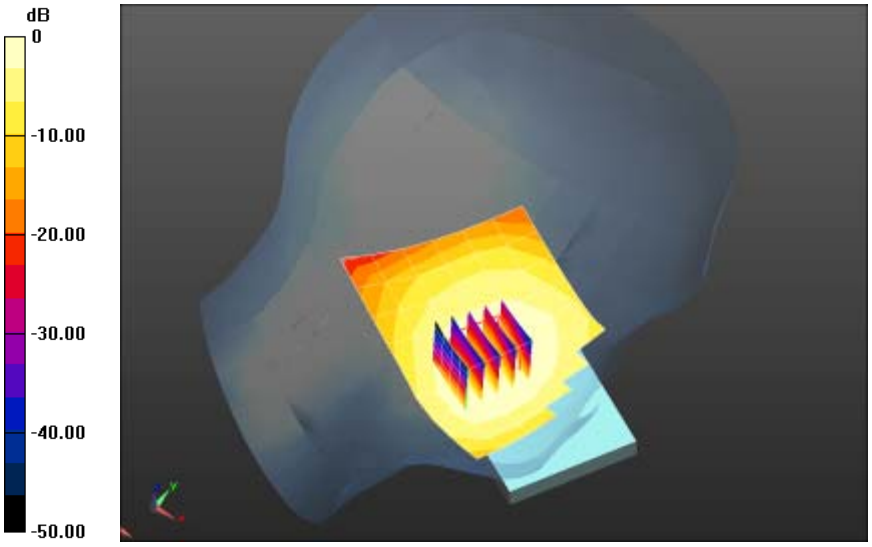
Communication System: UMTS WCDMA; Frequency: 836.6 MHz
Medium: HSL900_Batch 100922-1
Medium parameters used: f = 837 MHz; σ = 0.933 mho/m; ε_r = 42.906; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Nalini; Air Temperature: 23.2C; Medium Temperature: 21.2C;
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);

Left-Hand Side 04-18-13/Touch Position_836.6MHz/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.103 mW/g

Left-Hand Side 04-18-13/Touch Position_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.158 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.122 mW/g
SAR(1 g) = 0.091 mW/g; SAR(10 g) = 0.068 mW/g
Maximum value of SAR (measured) = 0.101 mW/g



0 dB = 0.103 mW/g = -19.74 dB mW/g

Plot 28

Date/Time: 4/18/2013 4:47:18 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: Intel; Type: Phone; Serial: RHBEB243200082

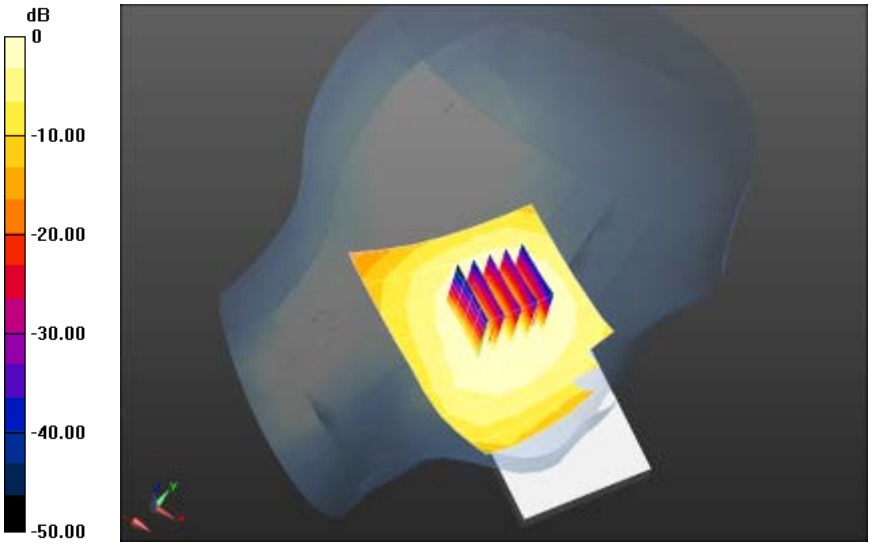
Communication System: UMTS WCDMA; Frequency: 836.6 MHz
Medium: HSL900_Batch 100922-1
Medium parameters used: f = 837 MHz; σ = 0.933 mho/m; ε_r = 42.906; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.7C; Medium Temperature: 21.2C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - 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 04-18-13/Tilt Position_836.6MHz/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0765 mW/g

Left-Hand Side 04-18-13/Tilt Position_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.898 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.090 mW/g
SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.056 mW/g
Maximum value of SAR (measured) = 0.0784 mW/g



0 dB = 0.0765 mW/g = -22.32 dB mW/g

Plot 29

Date/Time: 7/11/2013 11:20:20 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBMB309100135

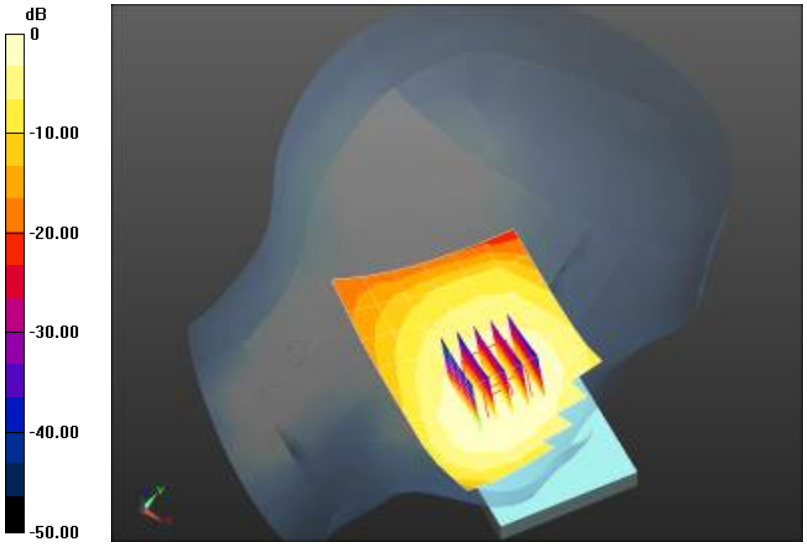
Communication System: UMTS WCDMA; Frequency: 836.6 MHz
Medium: HSL900_Batch 110607-1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.906 mho/m; ε_r = 41.018; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Nalini; Air Temperature: 23.2C; Medium Temperature: 21.2C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.27, 6.27, 6.27); Calibrated: 6/5/2013;
- 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 04-18-13/Touch Position_836.6MHz/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.116 mW/g

Left-Hand Side 04-18-13/Touch Position_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.261 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.131 mW/g
SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.077 mW/g
Maximum value of SAR (measured) = 0.112 mW/g



0 dB = 0.116 mW/g = -18.70 dB mW/g

Plot 30

Date/Time: 4/18/2013 3:53:45 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB245400138

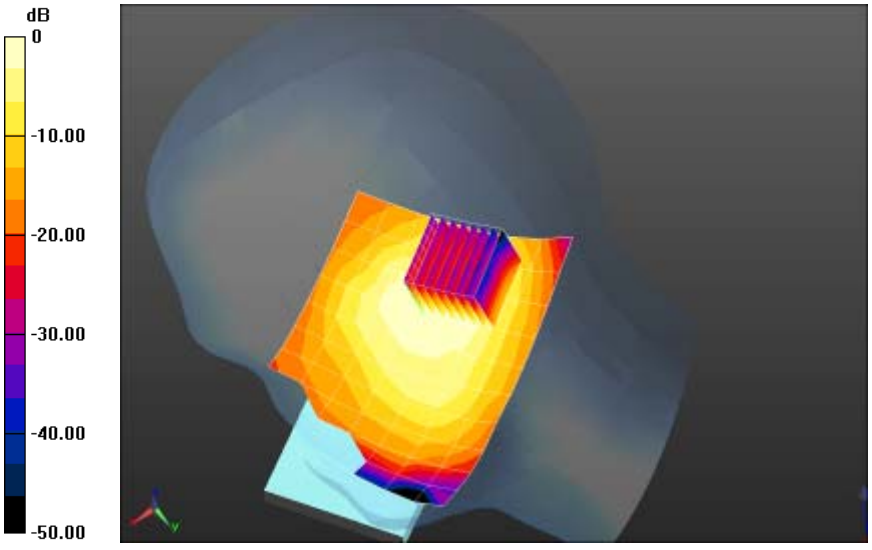
Communication System: 802.11bgn_100% Duty Cycle; Frequency: 2437 MHz
Medium: HSL2450_Batch 110615-2
Medium parameters used: f = 2437 MHz; σ = 1.859 mho/m; ε_r = 37.608; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Josie; Air Temperature: 25C; Medium Temperature: 24C; Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.48, 4.48, 4.48); 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 (11x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.372 mW/g

Right-Hand-Side/Touch Position/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.080 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.734 mW/g
SAR(1 g) = 0.363 mW/g; SAR(10 g) = 0.184 mW/g
Maximum value of SAR (measured) = 0.468 mW/g



0 dB = 0.372 mW/g = -8.58 dB mW/g

Plot 31

Date/Time: 4/18/2013 4:34:55 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB245400138

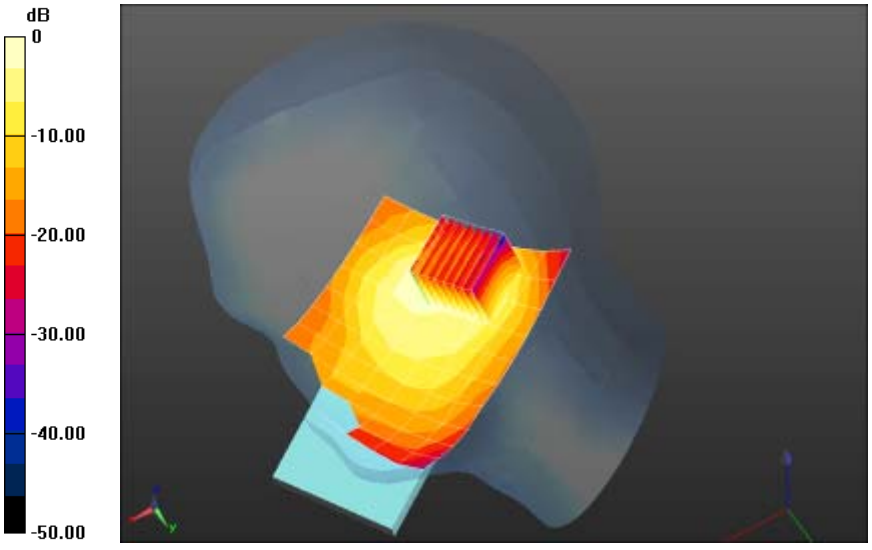
Communication System: 802.11bgn_100% Duty Cycle; Frequency: 2437 MHz
Medium: HSL2450_Batch 110615-2
Medium parameters used: f = 2437 MHz; σ = 1.859 mho/m; ε_r = 37.608; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Josie; Air Temperature: 25; Medium Temperature: 23.8; Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.48, 4.48, 4.48); 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 (11x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.368 mW/g

Right-Hand-Side/Tilt Position/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.918 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.716 mW/g
SAR(1 g) = 0.355 mW/g; SAR(10 g) = 0.178 mW/g
Maximum value of SAR (measured) = 0.454 mW/g



0 dB = 0.368 mW/g = -8.67 dB mW/g

Plot 32

Date/Time: 4/18/2013 5:23:37 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB245400138

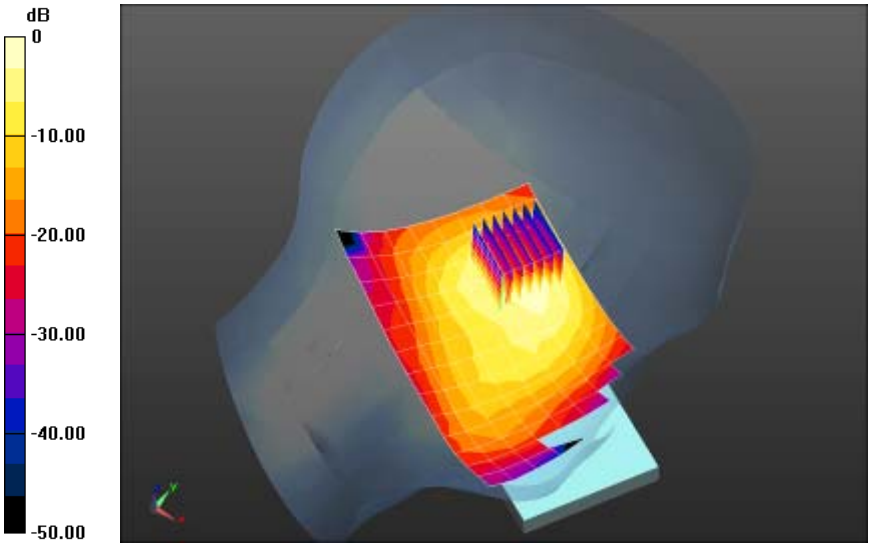
Communication System: 802.11bgn_100% Duty Cycle; Frequency: 2437 MHz
Medium: HSL2450_Batch 110615-2
Medium parameters used: f = 2437 MHz; σ = 1.859 mho/m; ε_r = 37.608; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Josie; Air Temperature: 25C; Medium Temperature: 23.8C; Comments:
;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.48, 4.48, 4.48); 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/Area Scan (14x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.818 mW/g

Left-Hand-Side/Touch Position/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.480 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 1.347 mW/g
SAR(1 g) = 0.617 mW/g; SAR(10 g) = 0.300 mW/g
Maximum value of SAR (measured) = 0.786 mW/g



0 dB = 0.818 mW/g = -1.74 dB mW/g

Plot 33

Date/Time: 4/18/2013 5:51:48 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB245400138

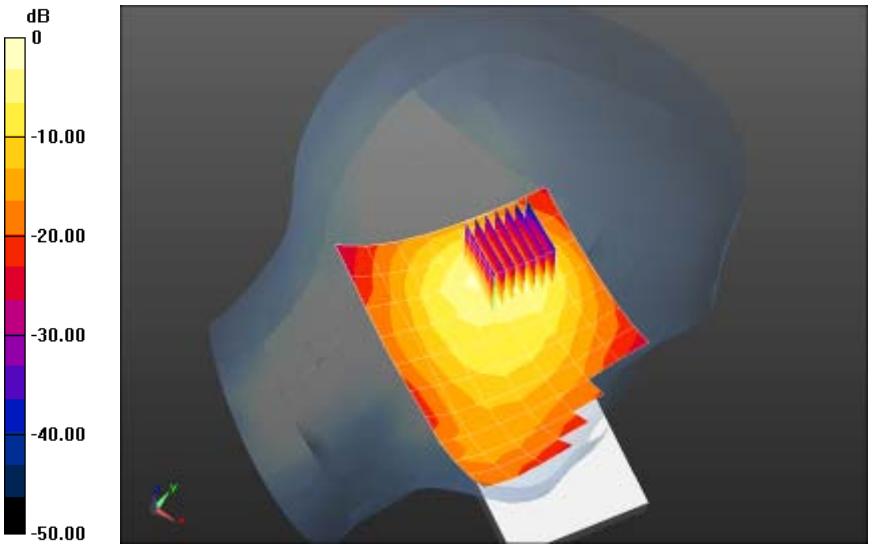
Communication System: 802.11bgn_100% Duty Cycle; Frequency: 2437 MHz
Medium: HSL2450_Batch 110615-2
Medium parameters used: f = 2437 MHz; σ = 1.859 mho/m; ε_r = 37.608; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Josie; Air Temperature: 25C; Medium Temperature: 23.8C; Comments:
;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.48, 4.48, 4.48); 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/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.680 mW/g

Left-Hand-Side/Tilt Position/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.686 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.215 mW/g
SAR(1 g) = 0.545 mW/g; SAR(10 g) = 0.251 mW/g
Maximum value of SAR (measured) = 0.710 mW/g



0 dB = 0.680 mW/g = -3.35 dB mW/g

Plot 34

Date/Time: 5/7/2013 5:17:39 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB243200082

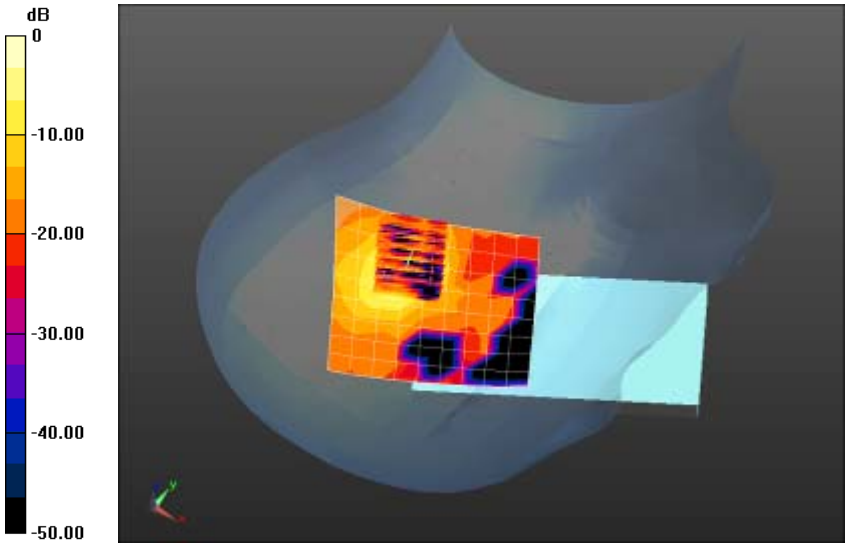
Communication System: 802.11an_100% Duty Cycle; Frequency: 5180 MHz
Medium: HSL 501_Batch 100901-1
Medium parameters used: f = 5180 MHz; σ = 4.758 mho/m; ε_r = 36.361; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.8C; Medium Temperature: 21.6C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(5.21, 5.21, 5.21);
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- 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/Area Scan (10x9x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.259 mW/g

Right-Hand-Side/Touch Position/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 0.671 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.1100
SAR(1 g) = 0.166 mW/g; SAR(10 g) = 0.050 mW/g
Maximum value of SAR (measured) = 0.306 mW/g



0 dB = 0.310mW/g = -10.17 dB mW/g

Plot 35

Date/Time: 5/7/2013 6:00:10 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB243200082

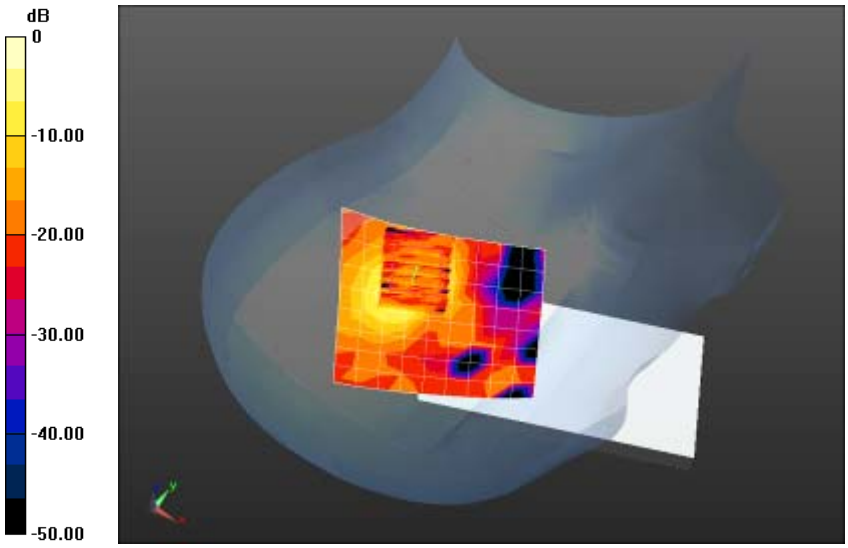
Communication System: 802.11an_100% Duty Cycle; Frequency: 5180 MHz
Medium: HSL 501_Batch 100901-1
Medium parameters used: f = 5180 MHz; σ = 4.758 mho/m; ε_r = 36.361; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.6C; Medium Temperature: 21.6C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(5.21, 5.21, 5.21);
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- 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/Area Scan (10x9x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.299 mW/g

Right-Hand-Side/Tilt Position/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 8.125 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.6940
SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.061 mW/g
Maximum value of SAR (measured) = 0.363 mW/g



0 dB = 0.360mW/g = -8.87 dB mW/g

Plot 36

Date/Time: 5/7/2013 3:40:48 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB243200082

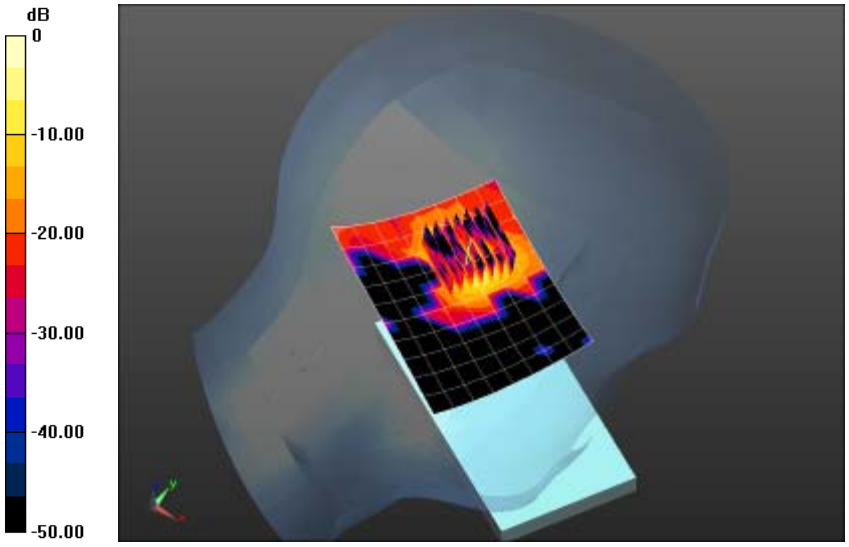
Communication System: 802.11an_100% Duty Cycle; Frequency: 5180 MHz
Medium: HSL 501_Batch 100901-1
Medium parameters used: f = 5180 MHz; σ = 4.758 mho/m; ε_r = 36.361; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.8C; Medium Temperature: 21.6C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(5.21, 5.21, 5.21);
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

Left-Hand-Side/Touch Position_5180MHz/Area Scan (11x9x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.390 mW/g

Left-Hand-Side/Touch Position_5180MHz/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 2.353 V/m; Power Drift = 0.21 dB
Peak SAR (extrapolated) = 1.2670
SAR(1 g) = 0.199 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.426 mW/g



0 dB = 0.430mW/g = -7.33 dB mW/g

Plot 37

Date/Time: 5/7/2013 4:21:25 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB243200082

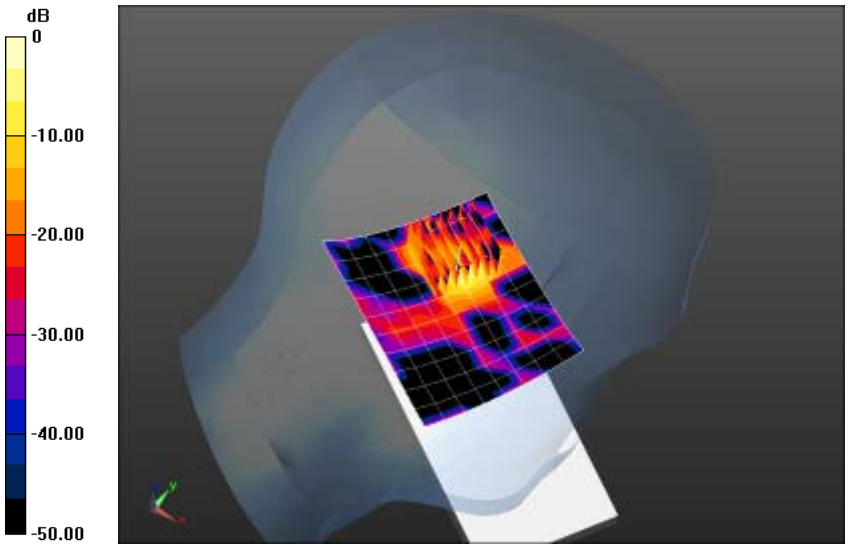
Communication System: 802.11an_100% Duty Cycle; Frequency: 5180 MHz
Medium: HSL 501_Batch 100901-1
Medium parameters used: f = 5180 MHz; σ = 4.758 mho/m; ε_r = 36.361; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 22.2C; Medium Temperature: 21.6C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(5.21, 5.21, 5.21);
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

Left-Hand-Side/Tilt Position_5180MHz/Area Scan (11x9x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.469 mW/g

Left-Hand-Side/Tilt Position_5180MHz/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 1.813 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.0660
SAR(1 g) = 0.241 mW/g; SAR(10 g) = 0.063 mW/g
Maximum value of SAR (measured) = 0.501 mW/g



0 dB = 0.500mW/g = -6.02 dB mW/g

Plot 38

Date/Time: 5/8/2013 1:08:07 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB243200082

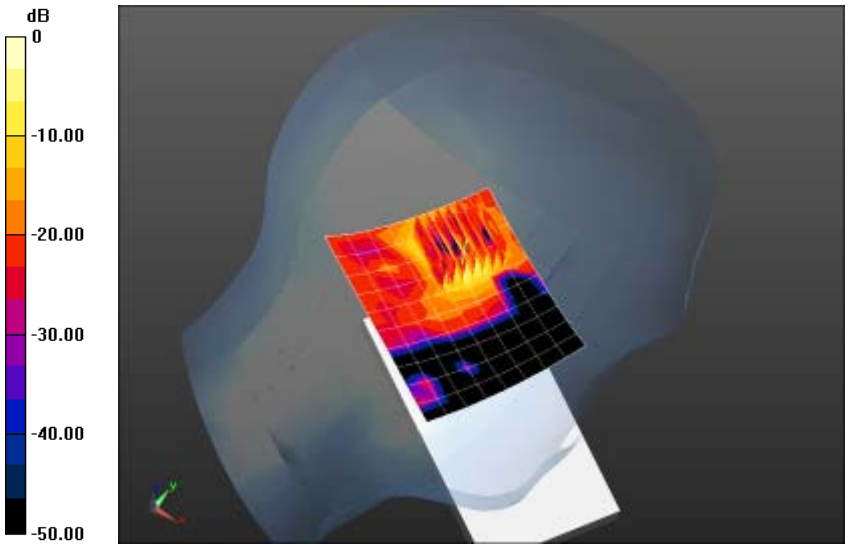
Communication System: 802.11an_100% Duty Cycle; Frequency: 5240 MHz
Medium: HSL 501_Batch 100901-1
Medium parameters used: f = 5240 MHz; σ = 4.882 mho/m; ε_r = 36.18; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.6C; Medium Temperature: 21C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(5.21, 5.21, 5.21);
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

Left-Hand-Side/Tilt Position_5240MHz/Area Scan (11x9x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.568 mW/g

Left-Hand-Side/Tilt Position_5240MHz/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 1.513 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.3880
SAR(1 g) = 0.328 mW/g; SAR(10 g) = 0.083 mW/g
Maximum value of SAR (measured) = 0.653 mW/g



0 dB = 0.650mW/g = -3.74 dB mW/g

Plot 39

Date/Time: 5/13/2013 11:30:29 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC244302232

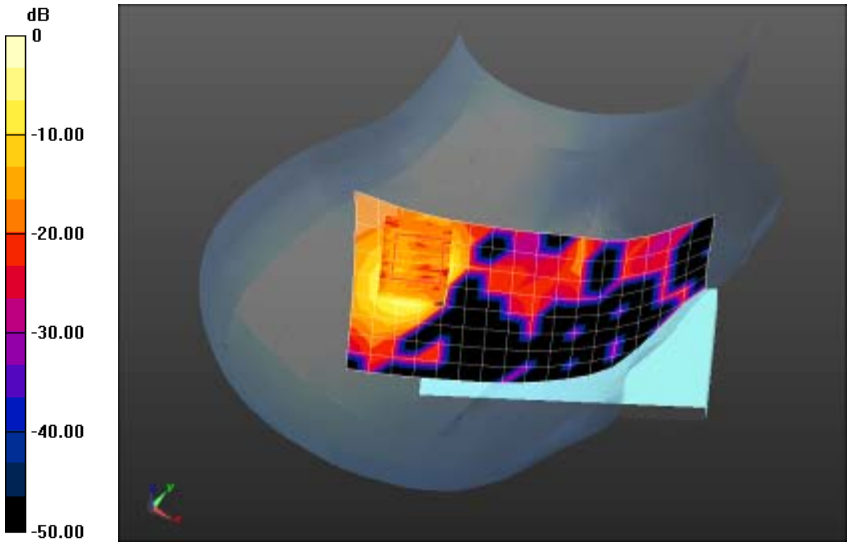
Communication System: 802.11an_100% Duty Cycle; Frequency: 5260 MHz
Medium: HSL 501_Batch 100901-1
Medium parameters used: f = 5260 MHz; σ = 4.646 mho/m; ε_r = 35.854; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 21.7C; Medium Temperature: 21.5C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(5.21, 5.21, 5.21); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

Right-Hand-Side 3 2/Touch Position_5260MHz/Area Scan (17x9x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.315 mW/g

Right-Hand-Side 3 2/Touch Position_5260MHz/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 7.812 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.648 mW/g
SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.064 mW/g
Maximum value of SAR (measured) = 0.350 mW/g



0 dB = 0.350 mW/g = -9.12 dB mW/g

Plot 40

Date/Time: 5/13/2013 12:10:50 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC244302232

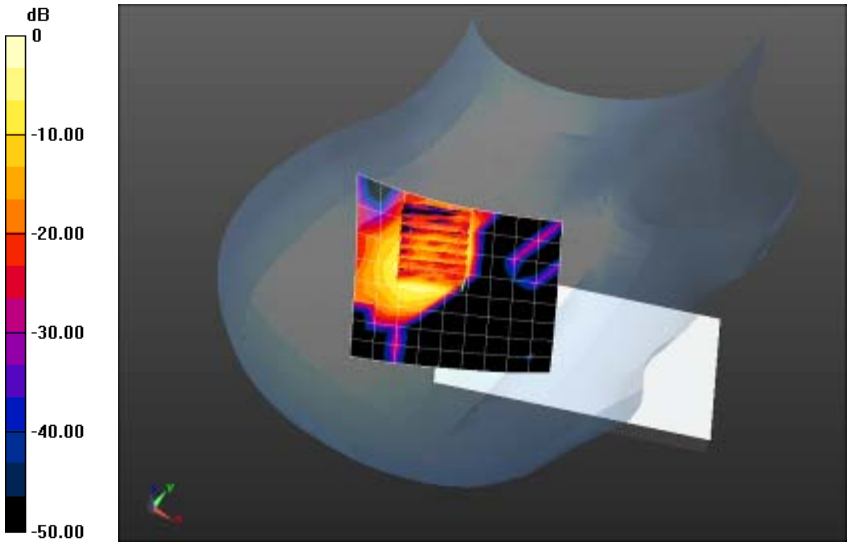
Communication System: 802.11an_100% Duty Cycle; Frequency: 5260 MHz
Medium: HSL 501_Batch 100901-1
Medium parameters used: f = 5260 MHz; σ = 4.646 mho/m; ε_r = 35.854; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 21.4C; Medium Temperature: 21.5C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(5.21, 5.21, 5.21); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

Right-Hand-Side 3 2/Tilt Position_5260MHz/Area Scan (10x9x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.382 mW/g

Right-Hand-Side 3 2/Tilt Position_5260MHz/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 8.857 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.846 mW/g
SAR(1 g) = 0.239 mW/g; SAR(10 g) = 0.078 mW/g
Maximum value of SAR (measured) = 0.434 mW/g



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

Plot 41

Date/Time: 5/10/2013 3:49:35 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC244302232

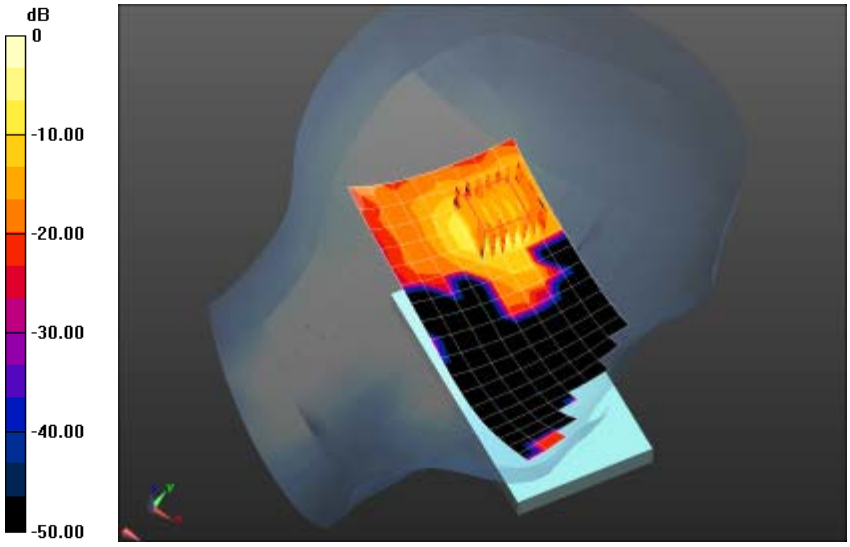
Communication System: 802.11an_100% Duty Cycle; Frequency: 5260 MHz
Medium: HSL 501_Batch 100901-1
Medium parameters used: f = 5260 MHz; σ = 4.646 mho/m; ε_r = 35.854; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 21.4C; Medium Temperature: 21.3C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(5.21, 5.21, 5.21); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

Left-Hand-Side 3 2/Touch Position_5260MHz/Area Scan (19x9x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.355 mW/g

Left-Hand-Side 3 2/Touch Position_5260MHz/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 7.370 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.163 mW/g
SAR(1 g) = 0.202 mW/g; SAR(10 g) = 0.061 mW/g
Maximum value of SAR (measured) = 0.359 mW/g



0 dB = 0.359 mW/g = -8.90 dB mW/g

Plot 42

Date/Time: 5/10/2013 4:30:35 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC244302232

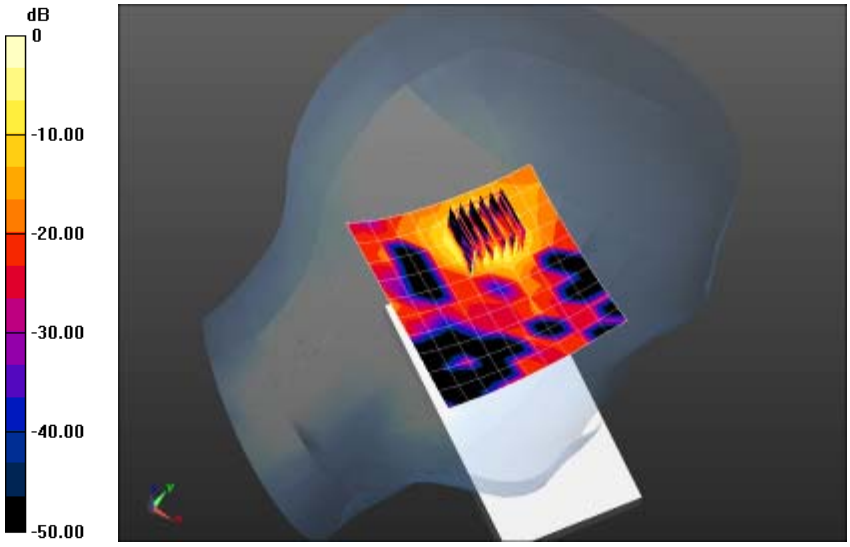
Communication System: 802.11an_100% Duty Cycle; Frequency: 5260 MHz
Medium: HSL 501_Batch 100901-1
Medium parameters used: f = 5260 MHz; σ = 4.646 mho/m; ε_r = 35.854; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 21.7C; Medium Temperature: 21.3C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(5.21, 5.21, 5.21); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

Left-Hand-Side 3 2/Tilt Position_5260MHz/Area Scan (11x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.335 mW/g

Left-Hand-Side 3 2/Tilt Position_5260MHz/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 7.529 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.680 mW/g
SAR(1 g) = 0.182 mW/g; SAR(10 g) = 0.047 mW/g
Maximum value of SAR (measured) = 0.390 mW/g



0 dB = 0.390 mW/g = -8.18 dB mW/g

Plot 43

Date/Time: 5/16/2013 11:45:41 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC244302232

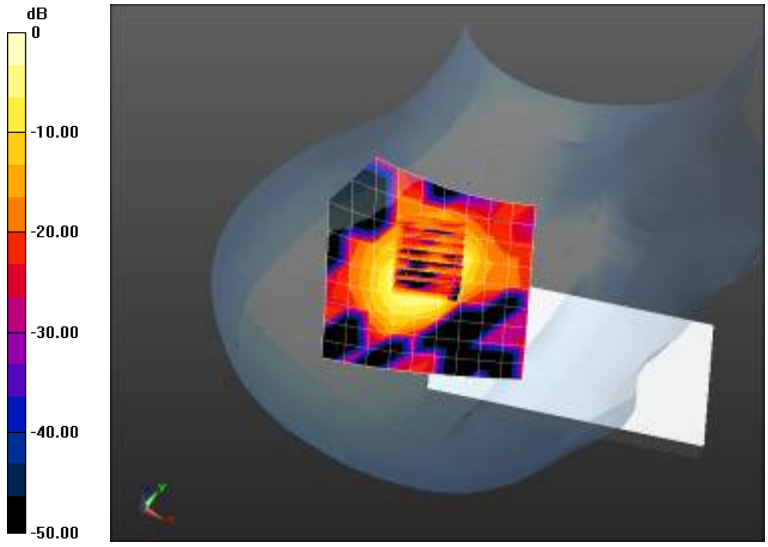
Communication System: 802.11an_100% Duty Cycle; Frequency: 5300 MHz
Medium: HSL 501_Batch 100901-1
Medium parameters used: f = 5300 MHz; σ = 4.65 mho/m; ε_r = 35.74; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 21.7C; Medium Temperature: 20.7C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(5.21, 5.21, 5.21); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

Right-Hand-Side 3 2 3 2/Tilt Position_5300MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.554 mW/g

Right-Hand-Side 3 2 3 2/Tilt Position_5300MHz/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 10.462 V/m; Power Drift = -0.21 dB
Peak SAR (extrapolated) = 0.764 mW/g
SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.067 mW/g
Maximum value of SAR (measured) = 0.400 mW/g



0 dB = 0.400 mW/g = -7.96 dB mW/g

Plot 44

Date/Time: 5/13/2013 2:58:31 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC244302232

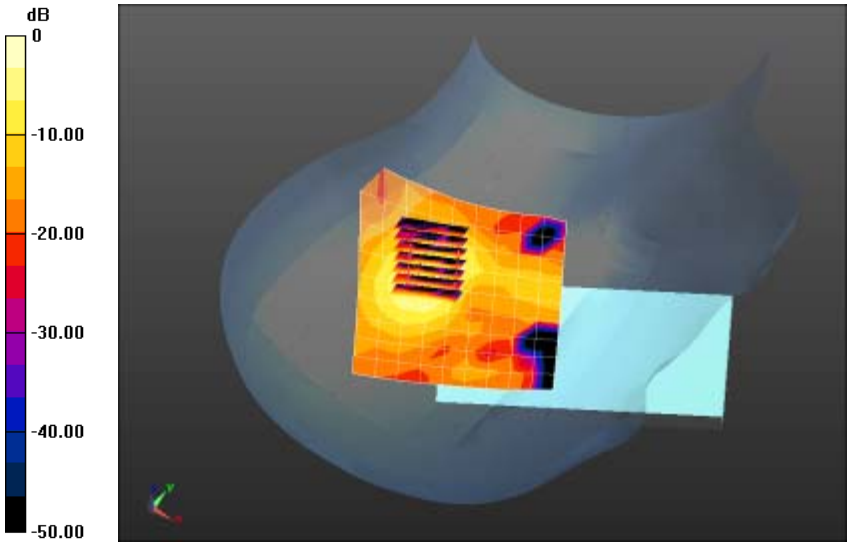
Communication System: 802.11an_100% Duty Cycle; Frequency: 5520 MHz
Medium: HSL 501_Batch 100901-1
Medium parameters used: f = 5520 MHz; σ = 4.899 mho/m; ε_r = 35.518; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 21.6C; Medium Temperature: 21.5C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.53, 4.53, 4.53); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

Right-Hand-Side 3 2 2/Touch Position_5520MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.660 mW/g

Right-Hand-Side 3 2 2/Touch Position_5520MHz/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 10.995 V/m; Power Drift = 0.20 dB
Peak SAR (extrapolated) = 1.402 mW/g
SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.131 mW/g
Maximum value of SAR (measured) = 0.734 mW/g



0 dB = 0.734 mW/g = -2.69 dB mW/g

Plot 45

Date/Time: 5/13/2013 2:10:44 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC244302232

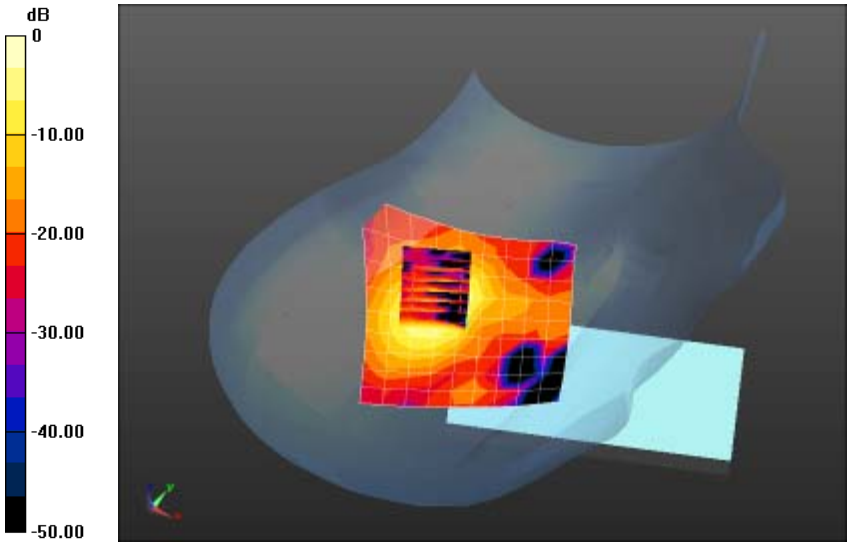
Communication System: 802.11an_100% Duty Cycle; Frequency: 5520 MHz
Medium: HSL 501_Batch 100901-1
Medium parameters used: f = 5520 MHz; σ = 4.899 mho/m; ε_r = 35.518; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 21.2C; Medium Temperature: 21.5C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.53, 4.53, 4.53); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

Right-Hand-Side 3 2 2/Tilt Position_5520MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.975 mW/g

Right-Hand-Side 3 2 2/Tilt Position_5520MHz/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 14.352 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 2.205 mW/g
SAR(1 g) = 0.630 mW/g; SAR(10 g) = 0.200 mW/g
Maximum value of SAR (measured) = 1.17 mW/g



0 dB = 1.17 mW/g = 1.36 dB mW/g

Plot 46

Date/Time: 5/13/2013 3:51:23 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC244302232

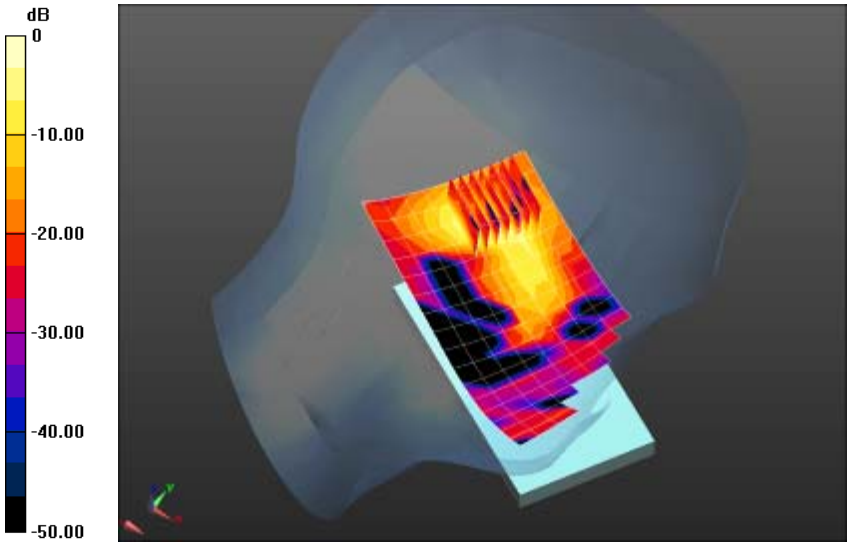
Communication System: 802.11an_100% Duty Cycle; Frequency: 5520 MHz
Medium: HSL 501_Batch 100901-1
Medium parameters used: f = 5520 MHz; σ = 4.899 mho/m; ε_r = 35.518; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 21.2C; Medium Temperature: 21.3C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.53, 4.53, 4.53); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

Left-Hand-Side 3 2 2/Touch Position_5520MHz/Area Scan (17x9x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.15 mW/g

Left-Hand-Side 3 2 2/Touch Position_5520MHz/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 13.498 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 2.583 mW/g
SAR(1 g) = 0.599 mW/g; SAR(10 g) = 0.170 mW/g
Maximum value of SAR (measured) = 1.13 mW/g



0 dB = 1.13 mW/g = 1.06 dB mW/g

Plot 47

Date/Time: 5/13/2013 4:29:03 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC244302232

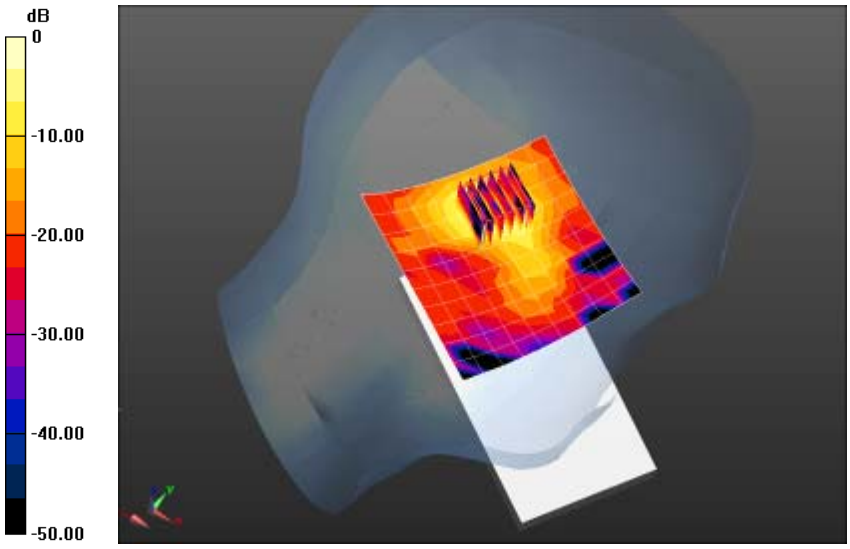
Communication System: 802.11an_100% Duty Cycle; Frequency: 5520 MHz
Medium: HSL 501_Batch 100901-1
Medium parameters used: f = 5520 MHz; σ = 4.899 mho/m; ε_r = 35.518; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 21.7C; Medium Temperature: 21.3C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.53, 4.53, 4.53); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

Left-Hand-Side 3 2 2/Tilt Position_5520MHz/Area Scan (11x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.08 mW/g

Left-Hand-Side 3 2 2/Tilt Position_5520MHz/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 14.014 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 2.305 mW/g
SAR(1 g) = 0.565 mW/g; SAR(10 g) = 0.154 mW/g



0 dB = 1.08 mW/g = 0.67 dB mW/g

Plot 48

Date/Time: 5/15/2013 10:19:00 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC244302232

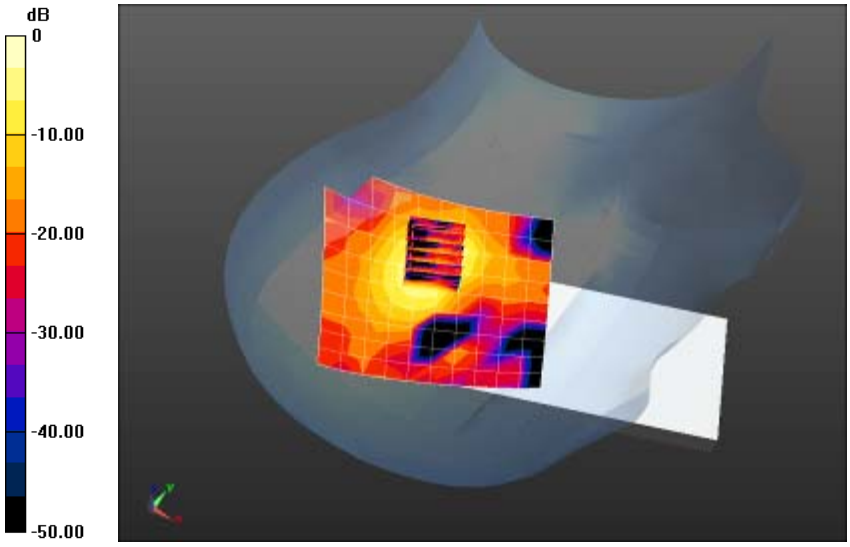
Communication System: 802.11an_100% Duty Cycle; Frequency: 5580 MHz
Medium: HSL 501_Batch 100901-1
Medium parameters used: f = 5580 MHz; σ = 4.942 mho/m; ε_r = 35.327; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 21.3C; Medium Temperature: 22.5C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.53, 4.53, 4.53); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

Right-Hand-Side 3 2 3/Tilt Position_5580MHz/Area Scan (11x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.765 mW/g

Right-Hand-Side 3 2 3/Tilt Position_5580MHz/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 11.591 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.525 mW/g
SAR(1 g) = 0.433 mW/g; SAR(10 g) = 0.137 mW/g
Maximum value of SAR (measured) = 0.823 mW/g



0 dB = 0.823 mW/g = -1.69 dB mW/g

Plot 49

Date/Time: 5/15/2013 10:55:03 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC244302232

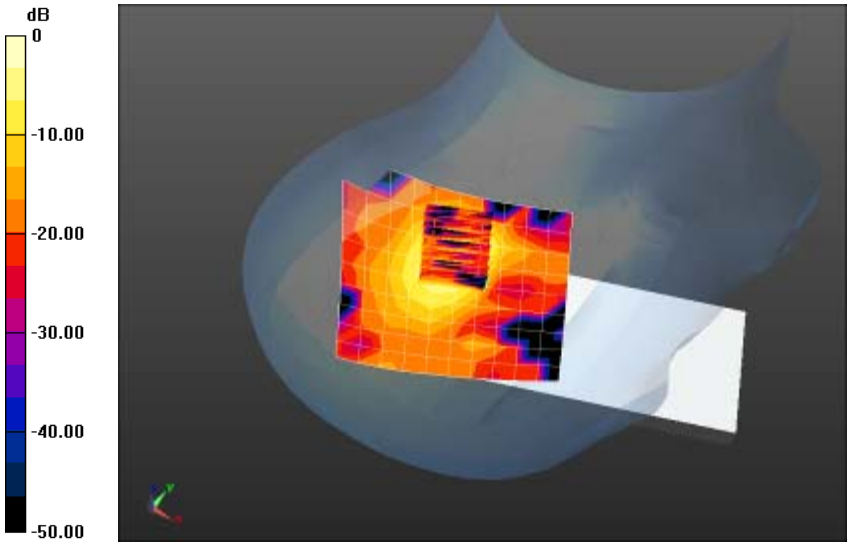
Communication System: 802.11an_100% Duty Cycle; Frequency: 5700 MHz
Medium: HSL 501_Batch 100901-1
Medium parameters used: f = 5700 MHz; σ = 5.044 mho/m; ε_r = 35.103; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 21.3C; Medium Temperature: 22.5C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.43, 4.43, 4.43); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

Right-Hand-Side 3 2 3/Tilt Position_5700MHz/Area Scan (11x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.418 mW/g

Right-Hand-Side 3 2 3/Tilt Position_5700MHz/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 9.059 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.861 mW/g
SAR(1 g) = 0.243 mW/g; SAR(10 g) = 0.078 mW/g
Maximum value of SAR (measured) = 0.460 mW/g



0 dB = 0.460 mW/g = -6.74 dB mW/g

Plot 50

Date/Time: 5/8/2013 4:51:42 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC244302232

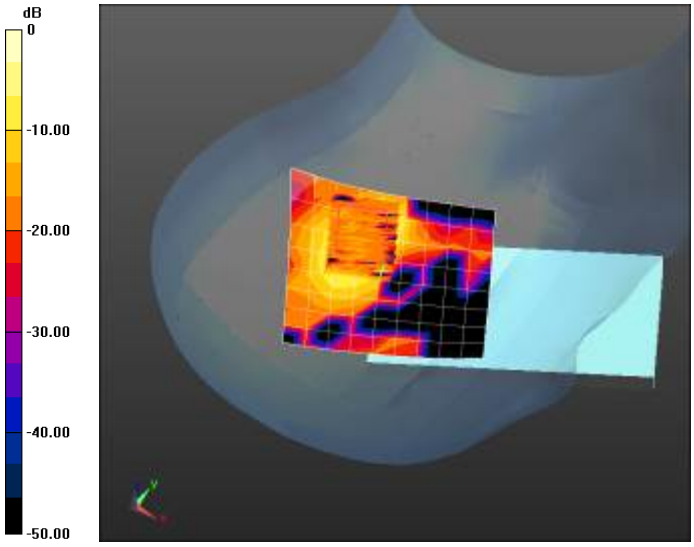
Communication System: 802.11an_100% Duty Cycle; Frequency: 5745 MHz
Medium: HSL 501_Batch 100901-1
Medium parameters used: f = 5745 MHz; σ = 5.138 mho/m; ε_r = 35.158; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.6C; Medium Temperature: 21.3C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.43, 4.43, 4.43);
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Right-Hand-Side 2/Touch Position_5745MHz/Area Scan (10x9x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.294 mW/g

Right-Hand-Side 2/Touch Position_5745MHz/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 7.387 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.6190
SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.054 mW/g
Maximum value of SAR (measured) = 0.404 mW/g



0 dB = 0.400mW/g = -7.96 dB mW/g

Plot 51

Date/Time: 5/8/2013 5:27:49 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC244302232

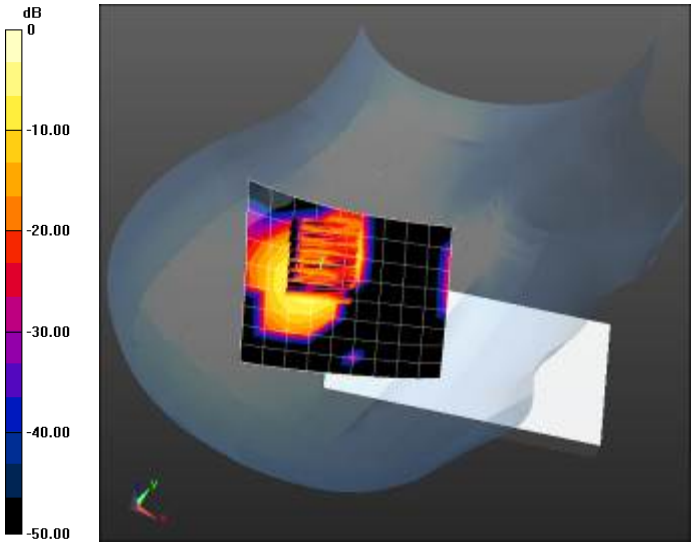
Communication System: 802.11an_100% Duty Cycle; Frequency: 5745 MHz
Medium: HSL 501_Batch 100901-1
Medium parameters used: f = 5745 MHz; σ = 5.138 mho/m; ε_r = 35.158; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.5C; Medium Temperature: 21.3C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.43, 4.43, 4.43);
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Right-Hand-Side 2/Tilt Position_5745MHz/Area Scan (10x9x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.424 mW/g

Right-Hand-Side 2/Tilt Position_5745MHz/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 8.670 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.3960
SAR(1 g) = 0.225 mW/g; SAR(10 g) = 0.068 mW/g
Maximum value of SAR (measured) = 0.463 mW/g



0 dB = 0.460mW/g = -6.74 dB mW/g

Plot 52

Date/Time: 5/9/2013 8:11:05 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC244302232

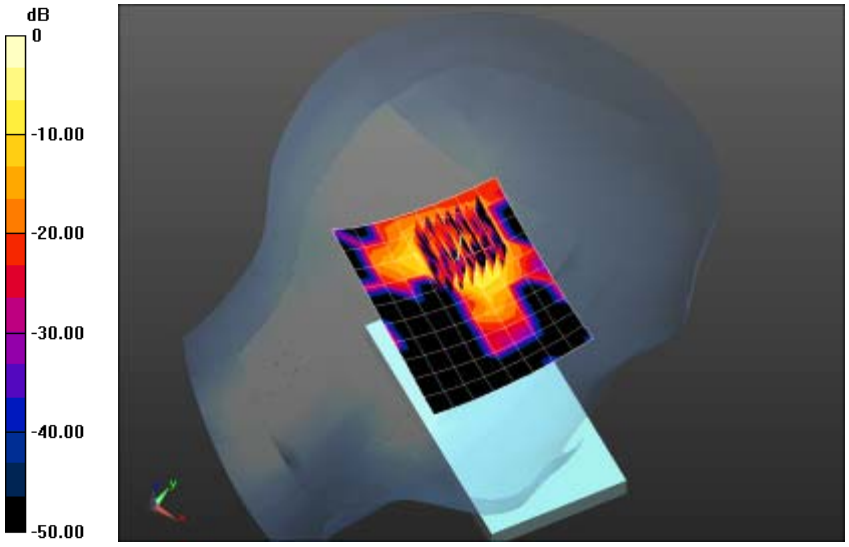
Communication System: 802.11an_100% Duty Cycle; Frequency: 5745 MHz
Medium: HSL 501_Batch 100901-1
Medium parameters used: f = 5745 MHz; σ = 5.138 mho/m; ε_r = 35.158; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.1C; Medium Temperature: 20.5C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.43, 4.43, 4.43);
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

Left-Hand-Side 2/Touch Position_5745MHz/Area Scan (11x9x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.420 mW/g

Left-Hand-Side 2/Touch Position_5745MHz/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 8.592 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.8080
SAR(1 g) = 0.206 mW/g; SAR(10 g) = 0.051 mW/g
Maximum value of SAR (measured) = 0.468 mW/g



0 dB = 0.470mW/g = -6.56 dB mW/g

Plot 53

Date/Time: 5/9/2013 9:00:25 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC244302232

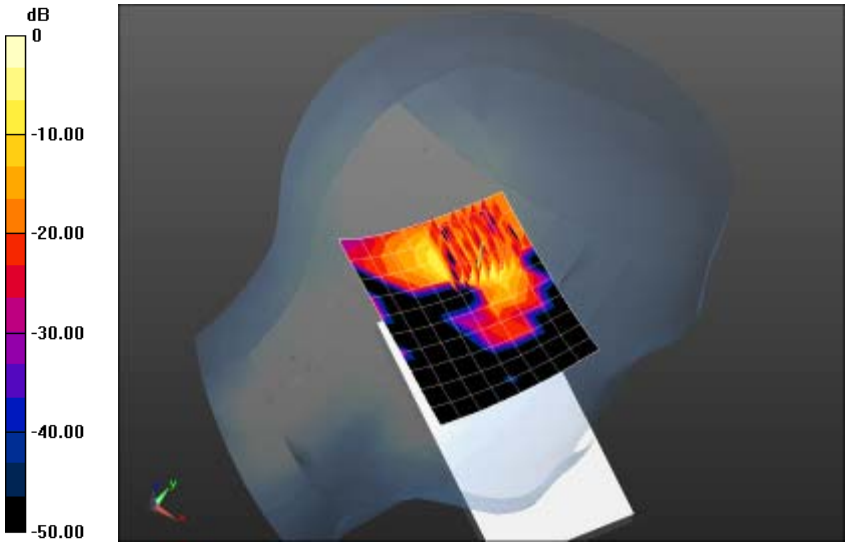
Communication System: 802.11an_100% Duty Cycle; Frequency: 5745 MHz
Medium: HSL 501_Batch 100901-1
Medium parameters used: f = 5745 MHz; σ = 5.138 mho/m; ε_r = 35.158; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.5C; Medium Temperature: 21.6C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.43, 4.43, 4.43);
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

Left-Hand-Side 2/Tilt Position_5745MHz/Area Scan (11x9x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.521 mW/g

Left-Hand-Side 2/Tilt Position_5745MHz/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 9.537 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.2710
SAR(1 g) = 0.268 mW/g; SAR(10 g) = 0.069 mW/g
Maximum value of SAR (measured) = 0.539 mW/g



0 dB = 0.540mW/g = -5.35 dB mW/g

Plot 54

Date/Time: 5/9/2013 1:46:59 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC244302232

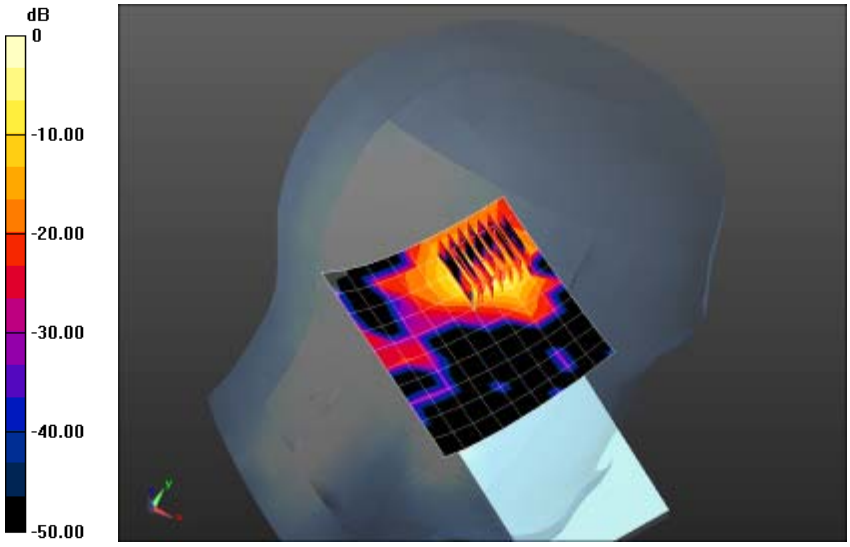
Communication System: 802.11an_100% Duty Cycle; Frequency: 5805 MHz
Medium: HSL 501_Batch 100901-1
Medium parameters used: f = 5805 MHz; σ = 5.198 mho/m; ε_r = 35.069; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 21.7C; Medium Temperature: 21.6C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.43, 4.43, 4.43); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

Left-Hand-Side 2/Tilt Position_5805MHz/Area Scan (11x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.436 mW/g

Left-Hand-Side 2/Tilt Position_5805MHz/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 8.453 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.930 mW/g
SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.055 mW/g
Maximum value of SAR (measured) = 0.538 mW/g



0 dB = 0.538 mW/g = -5.38 dB mW/g

Plot 55

Date/Time: 4/4/2013 1:47:57 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB243200082

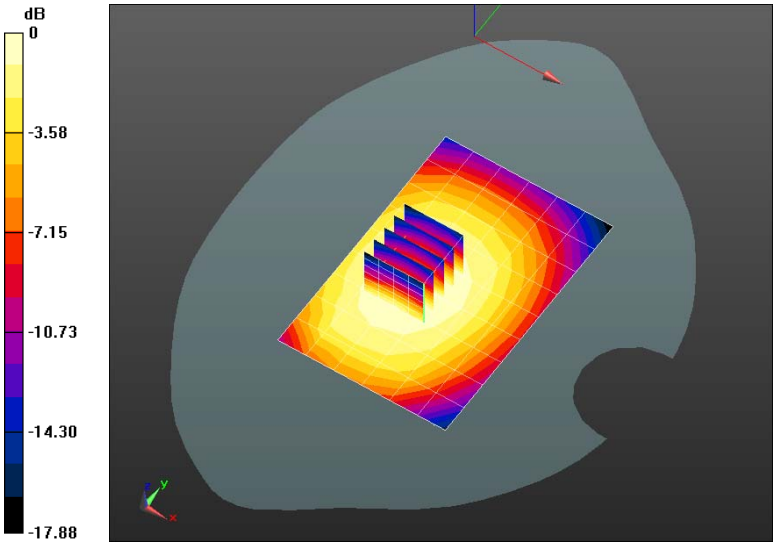
Communication System: GPRS 3 Timeslots; Frequency: 836.6 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used: f = 837 MHz; σ = 0.979 mho/m; ε_r = 53.554; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.8C; Medium Temperature: 21C;
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: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Flat-Section/Front 10mm_3TS_836.6MHz 2/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.309 mW/g

Flat-Section/Front 10mm_3TS_836.6MHz 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.970 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.362 mW/g
SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.217 mW/g
Maximum value of SAR (measured) = 0.306 mW/g



0 dB = 0.309 mW/g = -10.20 dB mW/g

Plot 56

Date/Time: 4/4/2013 12:26:42 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB243200082

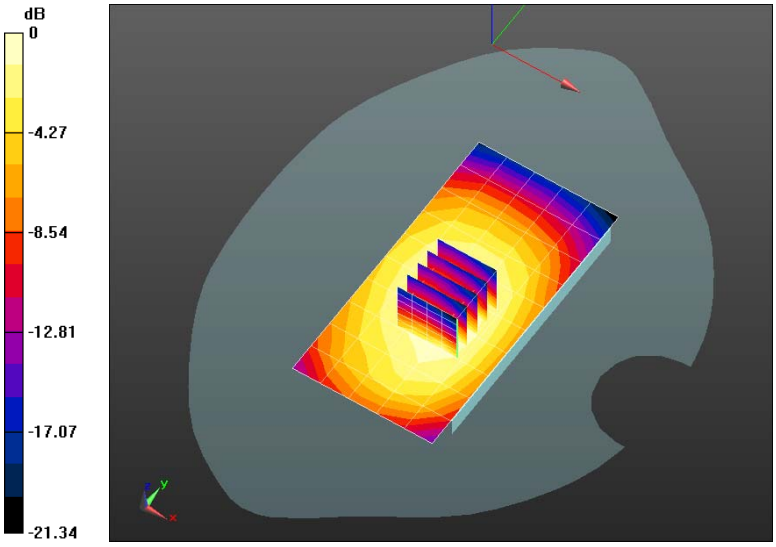
Communication System: GPRS 3 Timeslots; Frequency: 836.6 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used: f = 837 MHz; σ = 0.979 mho/m; ε_r = 53.554; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.2C; Medium Temperature: 21C;
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: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Flat-Section/Back 10mm_3TS_836.6MHz 2/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.316 mW/g

Flat-Section/Back 10mm_3TS_836.6MHz 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.076 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.381 mW/g
SAR(1 g) = 0.282 mW/g; SAR(10 g) = 0.208 mW/g
Maximum value of SAR (measured) = 0.318 mW/g



0 dB = 0.316 mW/g = -10.01 dB mW/g

Plot 57

Date/Time: 4/4/2013 11:59:57 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB243200082

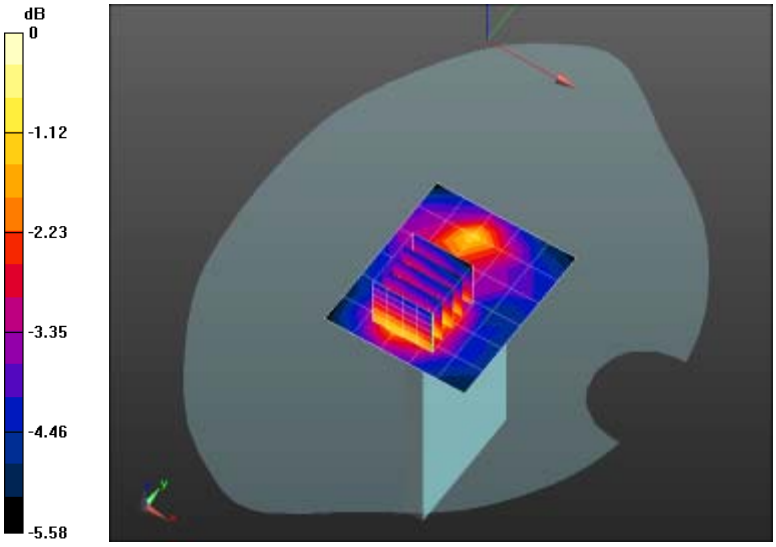
Communication System: GPRS 3 Timeslots; Frequency: 836.6 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used: f = 837 MHz; σ = 0.979 mho/m; ε_r = 53.554; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.6C; Medium Temperature: 21C;
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: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Flat-Section/Bottom Edge 10mm_3TS_836.6MHz/Area Scan (6x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0228 mW/g

Flat-Section/Bottom Edge 10mm_3TS_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.009 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.041 mW/g
SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.013 mW/g
Maximum value of SAR (measured) = 0.0275 mW/g



0 dB = 0.0228 mW/g = -32.84 dB mW/g

Plot 58

Date/Time: 4/4/2013 12:57:00 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB243200082

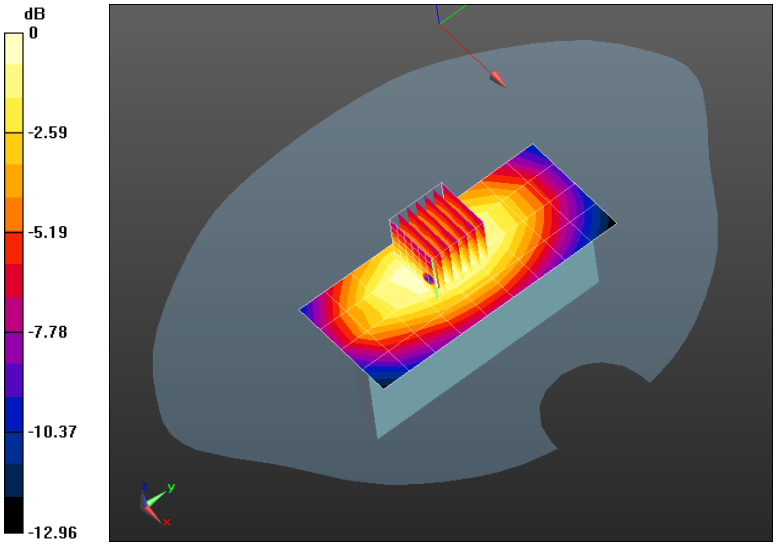
Communication System: GPRS 3 Timeslots; Frequency: 836.6 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used: f = 837 MHz; σ = 0.979 mho/m; ε_r = 53.554; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.5C; Medium Temperature: 21C;
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: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Flat-Section/Left Edge 10mm_3TS_836.6MHz/Area Scan (5x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.261 mW/g

Flat-Section/Left Edge 10mm_3TS_836.6MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.050 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.361 mW/g
SAR(1 g) = 0.255 mW/g; SAR(10 g) = 0.178 mW/g
Maximum value of SAR (measured) = 0.290 mW/g



0 dB = 0.261 mW/g = -11.67 dB mW/g

Plot 59

Date/Time: 4/4/2013 1:19:29 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB243200082

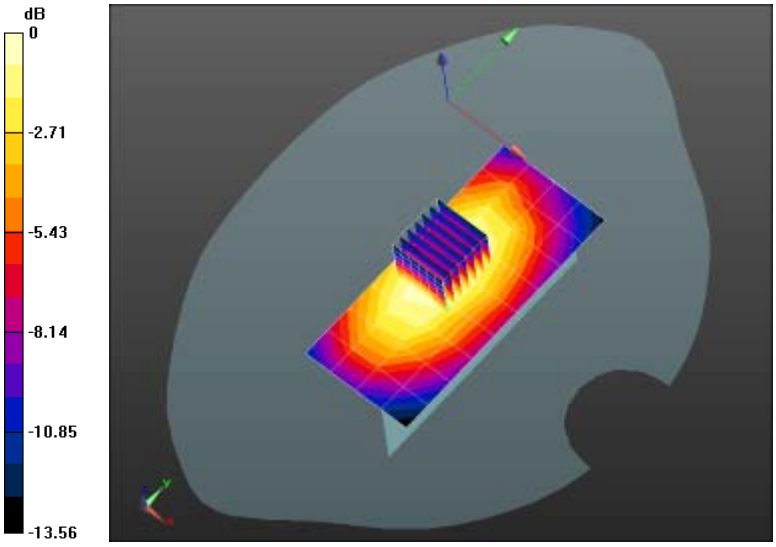
Communication System: GPRS 3 Timeslots; Frequency: 836.6 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used: f = 837 MHz; σ = 0.979 mho/m; ε_r = 53.554; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.5C; Medium Temperature: 21C;
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: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Flat-Section/Right Edge 10mm_3TS_836.6MHz/Area Scan (5x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.297 mW/g

Flat-Section/Right Edge 10mm_3TS_836.6MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.182 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.372 mW/g
SAR(1 g) = 0.266 mW/g; SAR(10 g) = 0.186 mW/g
Maximum value of SAR (measured) = 0.305 mW/g



0 dB = 0.297 mW/g = -10.56 dB mW/g

Plot 60

Date/Time: 4/4/2013 2:13:39 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

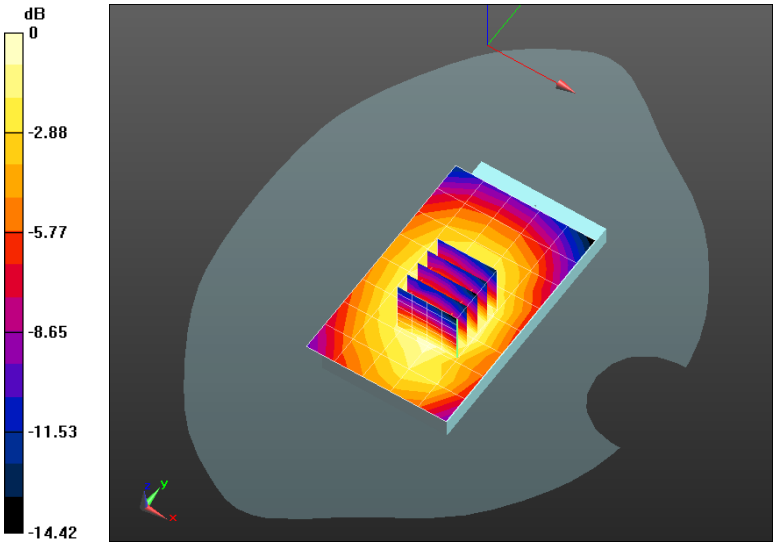
DUT: Intel Redhook; Type: phone; Serial: RHBEB243200082

Communication System: GPRS 3 Timeslots; Frequency: 824.2 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.966 mho/m; ε_r = 53.706; 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: 21C;
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: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Flat-Section/Back 10mm_3TS_Low Ch. 824.2/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.322 mW/g
Flat-Section/Back 10mm_3TS_Low Ch. 824.2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.418 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.377 mW/g
SAR(1 g) = 0.285 mW/g; SAR(10 g) = 0.210 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.316 mW/g



0 dB = 0.322 mW/g = -9.84 dB mW/g

Plot 61

Date/Time: 4/4/2013 2:27:01 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB243200082

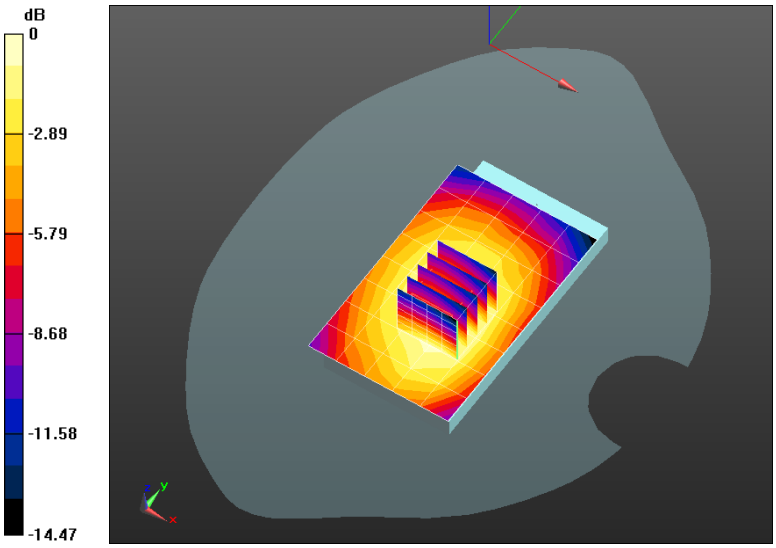
Communication System: GPRS 3 Timeslots; Frequency: 848.8 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used: f = 849 MHz; σ = 0.991 mho/m; ε_r = 53.425; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.5C; Medium Temperature: 21C;
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: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Flat-Section/Back 10mm_3TS_High Ch./Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.328 mW/g

Flat-Section/Back 10mm_3TS_High Ch./Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.266 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.387 mW/g
SAR(1 g) = 0.293 mW/g; SAR(10 g) = 0.216 mW/g
Maximum value of SAR (measured) = 0.326 mW/g



0 dB = 0.328 mW/g = -9.69 dB mW/g

Plot 62

Date/Time: 4/17/2013 4:05:54 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel; Type: Phone; Serial: RHBEB243200082

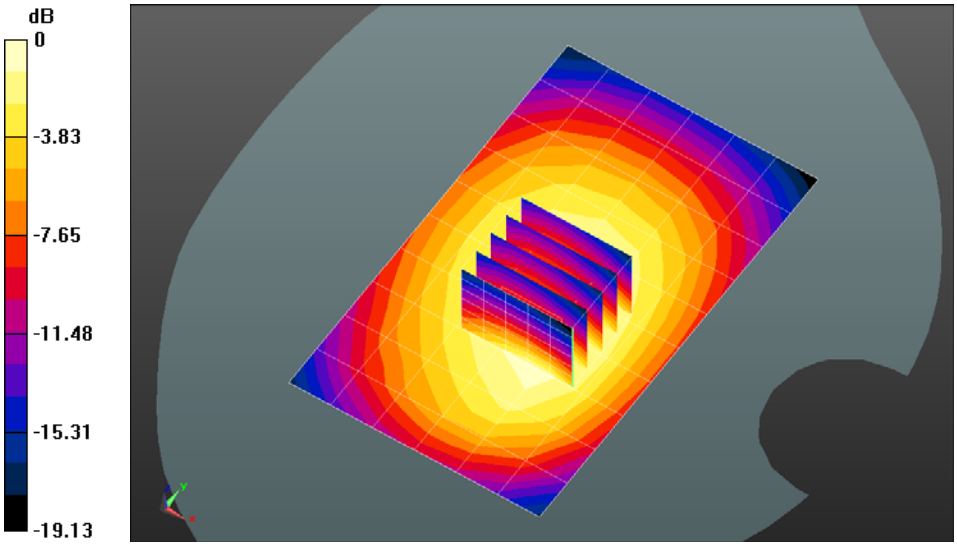
Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 848.8 MHz
Medium: MSL900_Batch 100818-1
Medium parameters used: f = 849 MHz; σ = 1.005 mho/m; ε_r = 52.947; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Miguel; Air Temperature: 25.6C; Medium Temperature: 23C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); 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 52.8.3(988);

Flat section_Repeat 04-17-13/Back 10mm_4TS/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.383 W/kg

Flat section_Repeat 04-17-13/Back 10mm_4TS/Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.249 V/m; Power Drift = -0.21 dB
Peak SAR (extrapolated) = 0.476 W/kg
SAR(1 g) = 0.346 W/kg; SAR(10 g) = 0.249 W/kg
Maximum value of SAR (measured) = 0.393 W/kg



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

Plot 63

Date/Time: 4/17/2013 4:25:22 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel; Type: Phone; Serial: RHBEB243200082

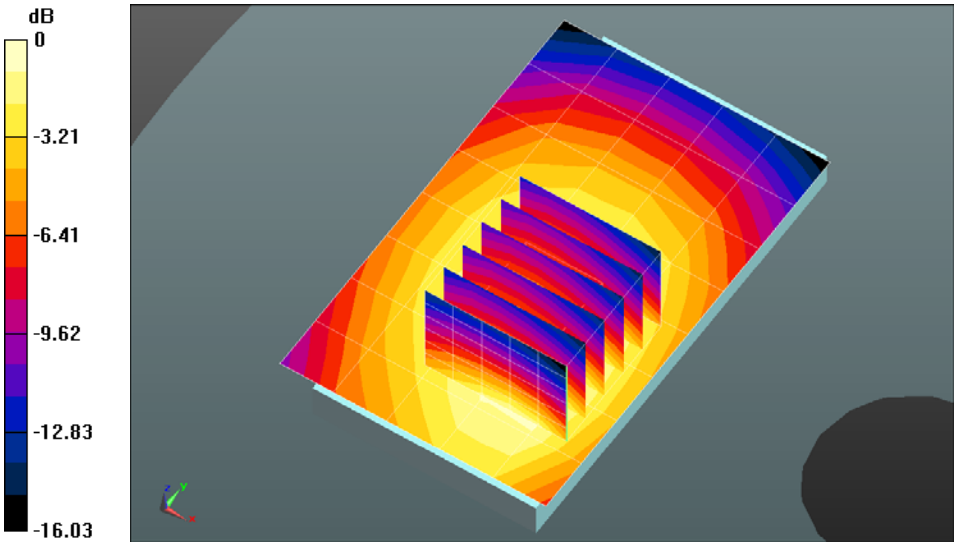
Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1); Frequency: 848.8 MHz
Medium: MSL900_Batch 100818-1
Medium parameters used: f = 849 MHz; σ = 1.005 mho/m; ε_r = 52.947; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 21.4C; Medium Temperature: 21C; Comments:
;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); 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 52.8.3(988);

Flat section_Repeat 04-17-13/Back 10mm_2TS/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.299 W/kg

Flat section_Repeat 04-17-13/Back 10mm_2TS/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.755 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.380 W/kg
SAR(1 g) = 0.277 W/kg; SAR(10 g) = 0.199 W/kg
Maximum value of SAR (measured) = 0.312 W/kg



0 dB = 0.299 W/kg = -5.24 dBW/kg

Plot 64

Date/Time: 4/17/2013 4:45:59 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel; Type: Phone; Serial: RHBEB243200082

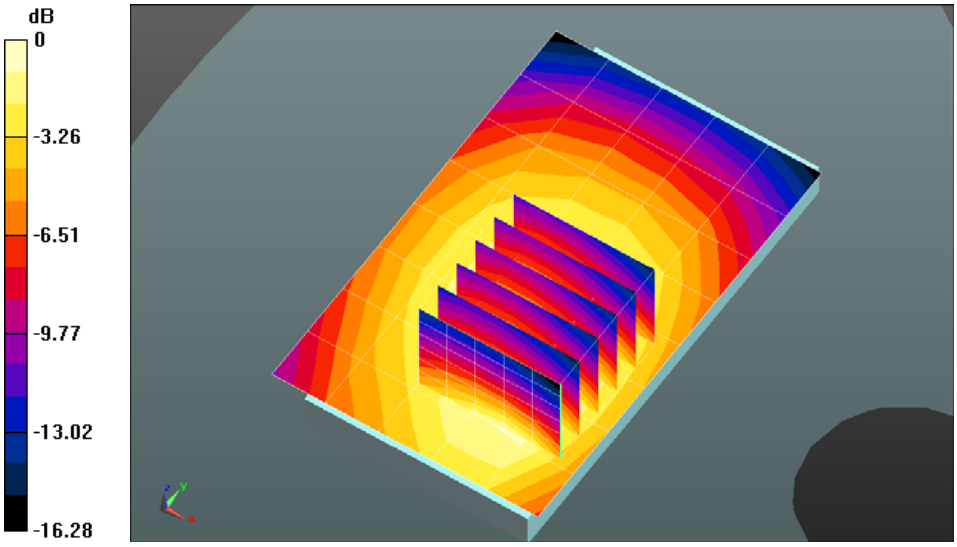
Communication System: GSM-FDD (TDMA, GMSK); Frequency: 849 MHz
Medium: MSL900_Batch 100818-1
Medium parameters used: f = 849 MHz; σ = 1.005 mho/m; ε_r = 52.947; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 23.5C; Medium Temperature: 22.5C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); 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 52.8.3(988);

Flat section_Repeat 04-17-13/Back 10mm_1TS/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.147 W/kg

Flat section_Repeat 04-17-13/Back 10mm_1TS/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.758 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.188 W/kg
SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.098 W/kg
Maximum value of SAR (measured) = 0.152 W/kg



0 dB = 0.147 W/kg = -8.33 dBW/kg

Plot 65

Date/Time: 7/18/2013 9:53:00 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBMB309100135

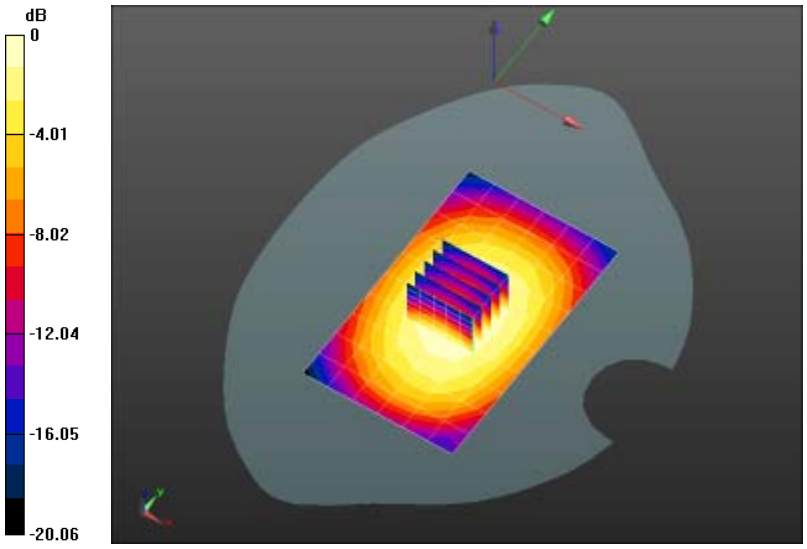
Communication System: GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 848.8 MHz
Medium: MSL900_Batch 100818-1
Medium parameters used: f = 849 MHz; σ = 1.017 mho/m; ε_r = 52.592; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
Procedure Notes: Test Technician: Kathy; Air Temperature: 22.3C; Medium Temperature: 21.6C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.18, 6.18, 6.18); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat-Section 7-18/Back 10mm_4TS/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.316 mW/g

Flat-Section 7-18/Back 10mm_4TS/Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.257 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.368 mW/g
SAR(1 g) = 0.292 mW/g; SAR(10 g) = 0.219 mW/g
Maximum value of SAR (measured) = 0.322 mW/g



0 dB = 0.316 mW/g = -10.01 dB mW/g

Plot 66

Date/Time: 4/3/2013 4:12:48 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB243400902

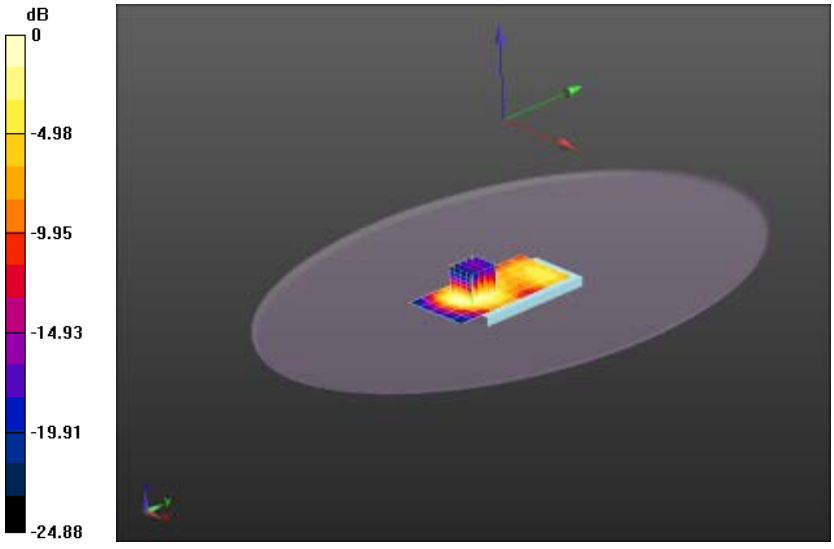
Communication System: GPRS-FDD (3 Timeslots); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.498 mho/m; ε_r = 54.111; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 23.1C; Medium Temperature: 21.5C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.81, 4.81, 4.81); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section/Front 10mm_3 TS_1880MHz/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.943 mW/g

Flat-Section/Front 10mm_3 TS_1880MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.703 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.205 mW/g
SAR(1 g) = 0.811 mW/g; SAR(10 g) = 0.507 mW/g
Maximum value of SAR (measured) = 0.955 mW/g



0 dB = 0.943 mW/g = -0.51 dB mW/g

Plot 67

Date/Time: 4/3/2013 4:31:53 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB243400902

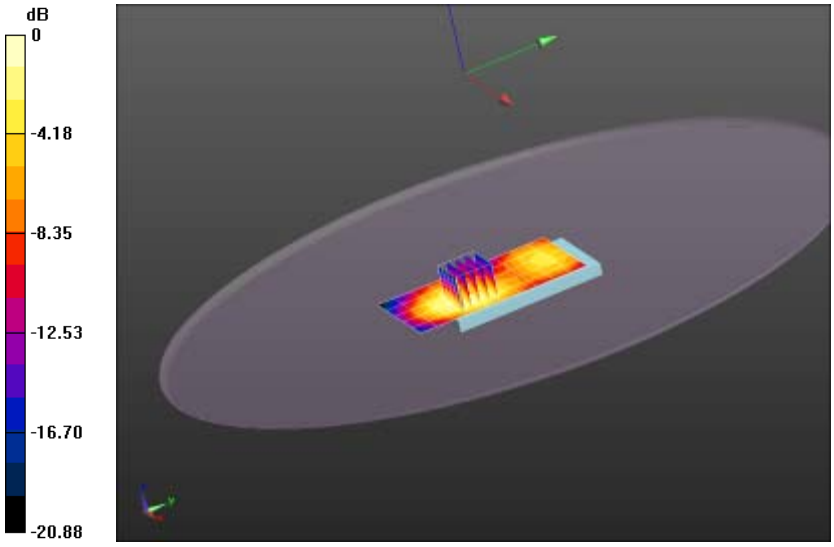
Communication System: GPRS-FDD (3 Timeslots); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.498 mho/m; ε_r = 54.111; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 22.1C; Medium Temperature: 21.5C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.81, 4.81, 4.81); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section/Back 10mm_3 TS_1880MHz/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.766 mW/g

Flat-Section/Back 10mm_3 TS_1880MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.948 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.020 mW/g
SAR(1 g) = 0.693 mW/g; SAR(10 g) = 0.437 mW/g
Maximum value of SAR (measured) = 0.800 mW/g



0 dB = 0.766 mW/g = -2.31 dB mW/g

Plot 68

Date/Time: 4/4/2013 10:02:46 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB243400902

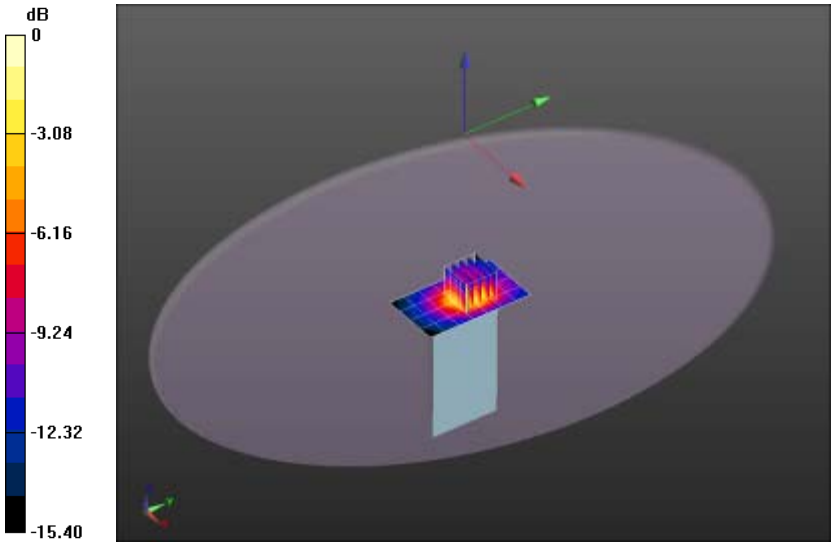
Communication System: GPRS-FDD (3 Timeslots); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.498 mho/m; ε_r = 54.111; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 23.1C; Medium Temperature: 21.5C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.81, 4.81, 4.81); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section/Bottom Edge 10mm_3 TS_1880MHz/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.945 mW/g

Flat-Section/Bottom Edge 10mm_3 TS_1880MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.359 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.505 mW/g
SAR(1 g) = 0.798 mW/g; SAR(10 g) = 0.390 mW/g
Maximum value of SAR (measured) = 1.04 mW/g



0 dB = 0.945 mW/g = -0.49 dB mW/g

Plot 69

Date/Time: 4/4/2013 10:28:30 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB243400902

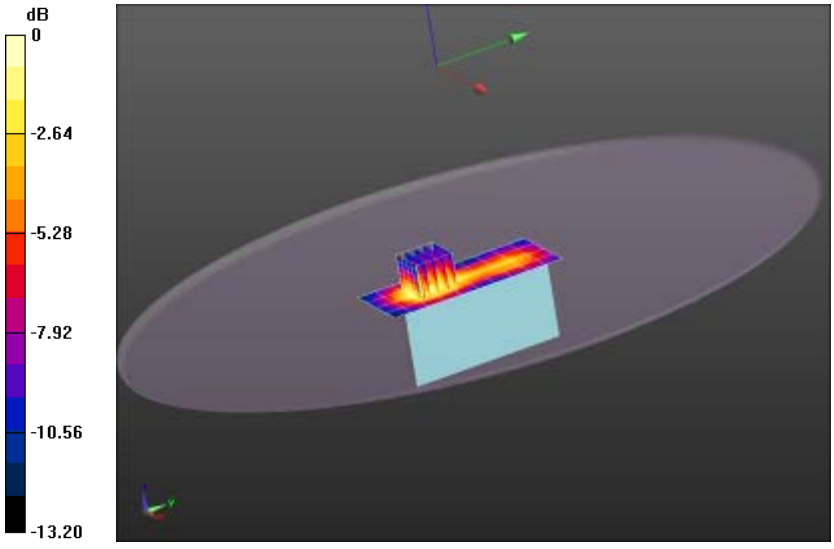
Communication System: GPRS-FDD (3 Timeslots); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.498 mho/m; ε_r = 54.111; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 22.7C; Medium Temperature: 21.5C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.81, 4.81, 4.81); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section/Left Edge 10mm_3 TS_1880MHz/Area Scan (5x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.638 mW/g

Flat-Section/Left Edge 10mm_3 TS_1880MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.052 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.833 mW/g
SAR(1 g) = 0.526 mW/g; SAR(10 g) = 0.316 mW/g
Maximum value of SAR (measured) = 0.629 mW/g



0 dB = 0.638 mW/g = -3.91 dB mW/g

Plot 70

Date/Time: 4/4/2013 10:49:53 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB243400902

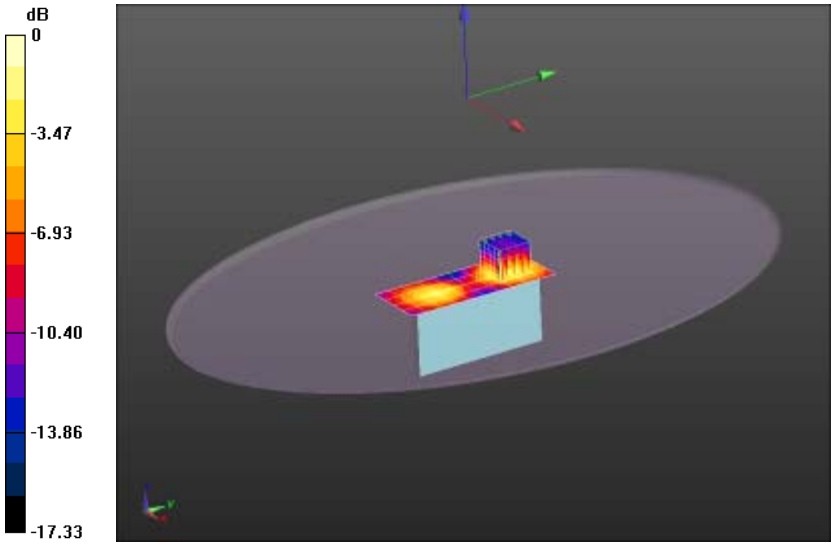
Communication System: GPRS-FDD (3 Timeslots); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.498 mho/m; ε_r = 54.111; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: john; Air Temperature: 21.2C; Medium Temperature: 21.5C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.81, 4.81, 4.81); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section/Right Edge 10mm_3 TS_1880MHz/Area Scan (5x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.190 mW/g

Flat-Section/Right Edge 10mm_3 TS_1880MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.691 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.256 mW/g
SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.093 mW/g
Maximum value of SAR (measured) = 0.193 mW/g



0 dB = 0.190 mW/g = -14.42 dB mW/g

Plot 71

Date/Time: 4/30/2013 5:55:22 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

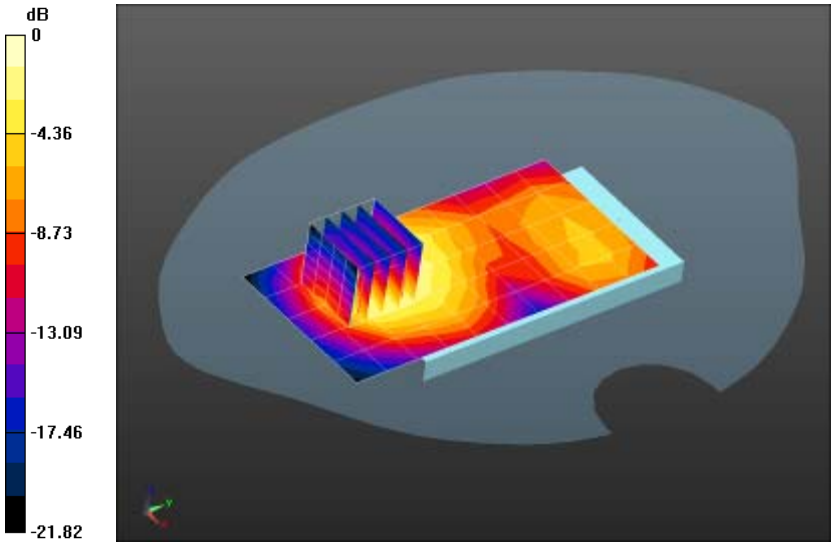
DUT: Intel Redhook; Type: phone; Serial: RHBEB245400138

Communication System: GPRS-FDD (3 Timeslots); Frequency: 1850.2 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.498 mho/m; ε_r = 53.248; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
Procedure Notes: Test Technician: John; Air Temperature: 21.8C; Medium Temperature: 21.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.81, 4.81, 4.81); 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);

Flat-Section 3/Front 10mm_3 TS_1850.2MHz/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.38 mW/g
Flat-Section 3/Front 10mm_3 TS_1850.2MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.419 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.117 mW/g
SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.627 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.52 mW/g



0 dB = 1.38 mW/g = 2.83 dB mW/g

Plot 72

Date/Time: 4/4/2013 11:46:12 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB243400902

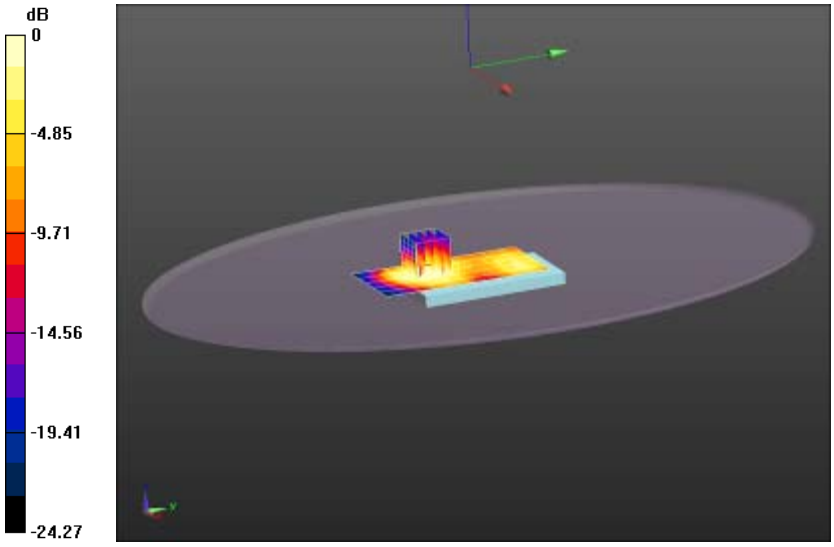
Communication System: GPRS-FDD (3 Timeslots); Frequency: 1909.8 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1910 MHz; σ = 1.535 mho/m; ε_r = 54.007; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 23.1C; Medium Temperature: 21.5C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.81, 4.81, 4.81); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section/Front 10mm_3 TS_1909.8MHz/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.800 mW/g

Flat-Section/Front 10mm_3 TS_1909.8MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.899 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.111 mW/g
SAR(1 g) = 0.737 mW/g; SAR(10 g) = 0.460 mW/g
Maximum value of SAR (measured) = 0.830 mW/g



0 dB = 0.800 mW/g = -1.94 dB mW/g

Plot 73

Date/Time: 4/30/2013 4:23:59 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

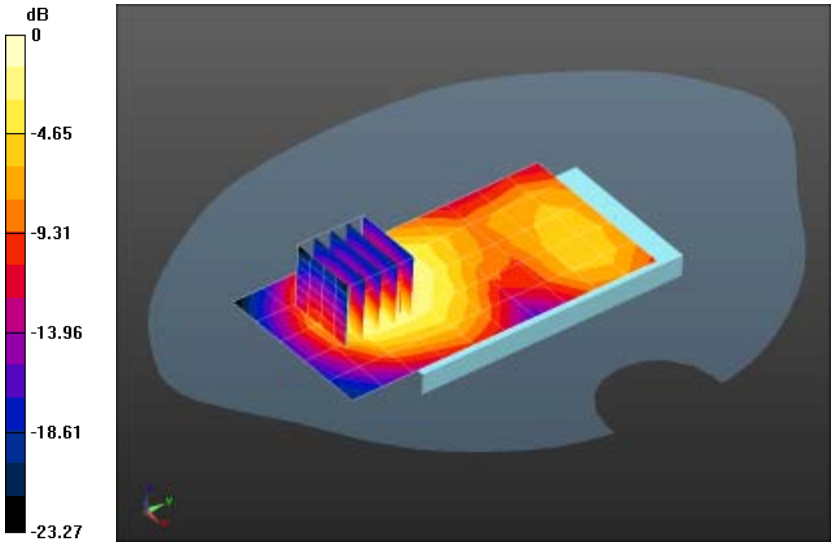
DUT: Intel Redhook; Type: phone; Serial: RHBEB245400138

Communication System: GPRS-FDD (4 Timeslots); Frequency: 1850.2 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.498 mho/m; ε_r = 53.248; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
Procedure Notes: Test Technician: Nalini; Air Temperature: 22.8C; Medium Temperature: 21.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.81, 4.81, 4.81); 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);

Flat-Section 3/Front 10mm_4 TS_1850.2MHz/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.35 mW/g
Flat-Section 3/Front 10mm_4 TS_1850.2MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.155 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 2.133 mW/g
SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.631 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.52 mW/g



0 dB = 1.35 mW/g = 2.61 dB mW/g

Plot 74

Date/Time: 4/30/2013 4:44:26 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

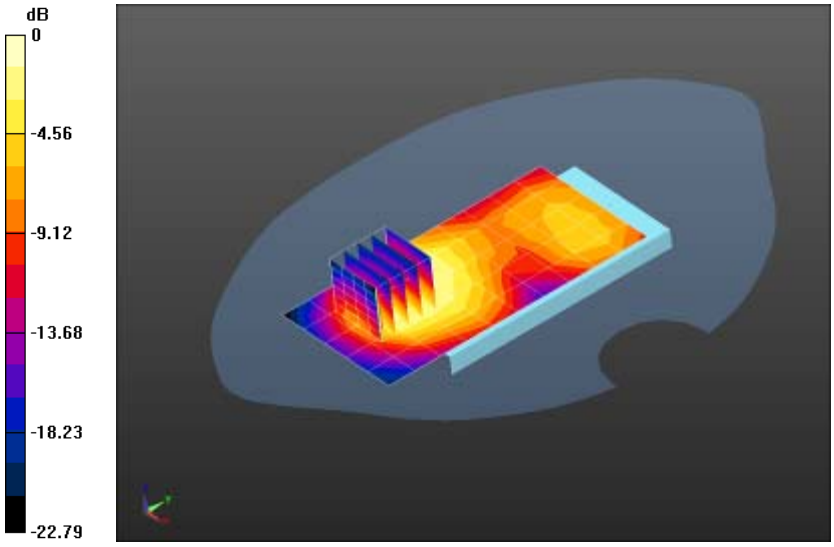
DUT: Intel Redhook; Type: phone; Serial: RHBEB245400138

Communication System: GPRS-FDD (2 Timeslots); Frequency: 1850.2 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.498 mho/m; ε_r = 53.248; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
Procedure Notes: Test Technician: Nalini; Air Temperature: 22.4C; Medium Temperature: 21.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.81, 4.81, 4.81); 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);

Flat-Section 3/Front 10mm_2 TS_1850.2MHz/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.09 mW/g
Flat-Section 3/Front 10mm_2 TS_1850.2MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.316 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.733 mW/g
SAR(1 g) = 0.959 mW/g; SAR(10 g) = 0.508 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.18 mW/g



0 dB = 1.09 mW/g = 0.75 dB mW/g

Plot 75

Date/Time: 4/30/2013 5:02:49 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

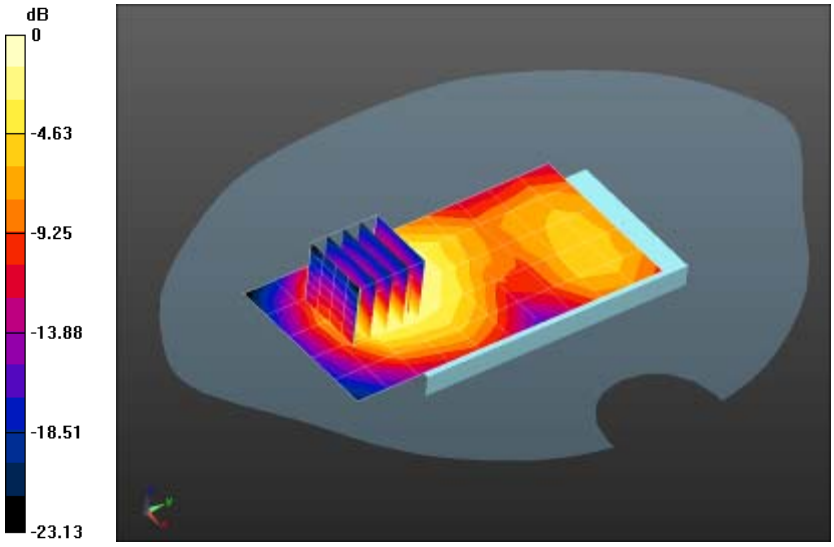
DUT: Intel Redhook; Type: phone; Serial: RHBEB245400138

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.498 mho/m; ε_r = 53.248; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
Procedure Notes: Test Technician: Nalini; Air Temperature: 22.3C; Medium Temperature: 21.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.81, 4.81, 4.81); 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);

Flat-Section 3/Front 10mm_1 TS_1850.2MHz/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.541 mW/g
Flat-Section 3/Front 10mm_1 TS_1850.2MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.917 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.857 mW/g
SAR(1 g) = 0.468 mW/g; SAR(10 g) = 0.249 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.611 mW/g



0 dB = 0.541 mW/g = -5.34 dB mW/g

Plot 76

Date/Time: 7/18/2013 1:16:57 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB245400138

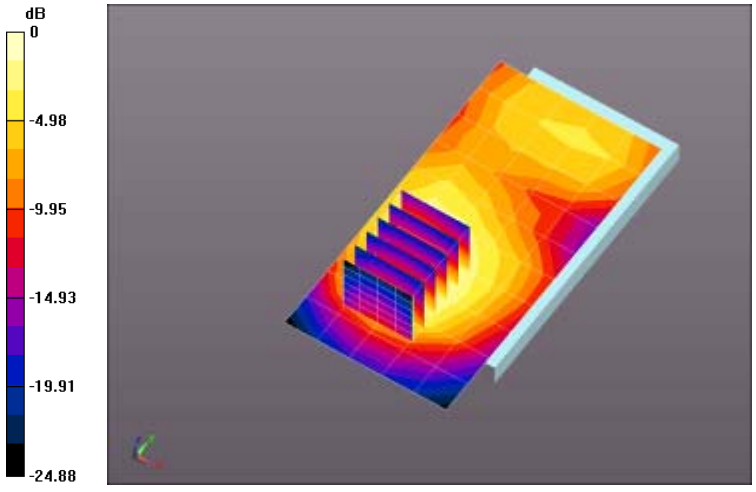
Communication System: GPRS-FDD (3 Timeslots); Frequency: 1850.2 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.496 mho/m; ε_r = 52.143; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
Procedure Notes: Test Technician: Andy; Air Temperature: 22.6C; Medium Temperature: 20.8C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- 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 2 2/Front 10mm_3 TS_1850.2MHz/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.15 mW/g

Flat-Section 2 2/Front 10mm_3 TS_1850.2MHz/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.832 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 2.130 mW/g
SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.610 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.42 mW/g



0 dB = 1.15 mW/g = 1.18 dB mW/g

Plot 77

Date/Time: 7/17/2013 9:00:24 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBMB309100135

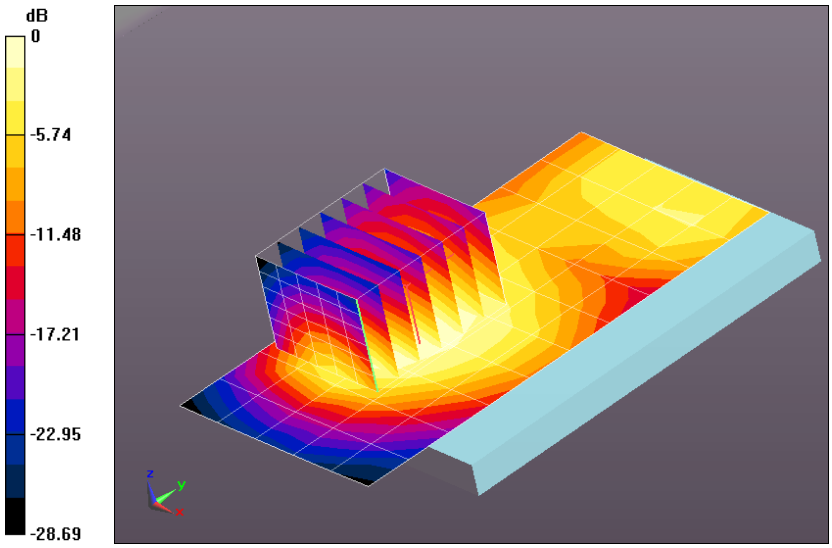
Communication System: GPRS-FDD (3 Timeslots); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.523 mho/m; ε_r = 52.068; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 22.2C; Medium Temperature: C; Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- 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 3.1 Spotchecks/Front 10mm_3 TS_1880MHz/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.24 mW/g

Flat-Section 3.1 Spotchecks/Front 10mm_3 TS_1880MHz/Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.119 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.887 mW/g
SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.694 mW/g
Maximum value of SAR (measured) = 1.31 mW/g



0 dB = 1.24 mW/g = 1.84 dB mW/g

Plot 78

Date/Time: 7/17/2013 10:54:11 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBMB309100135

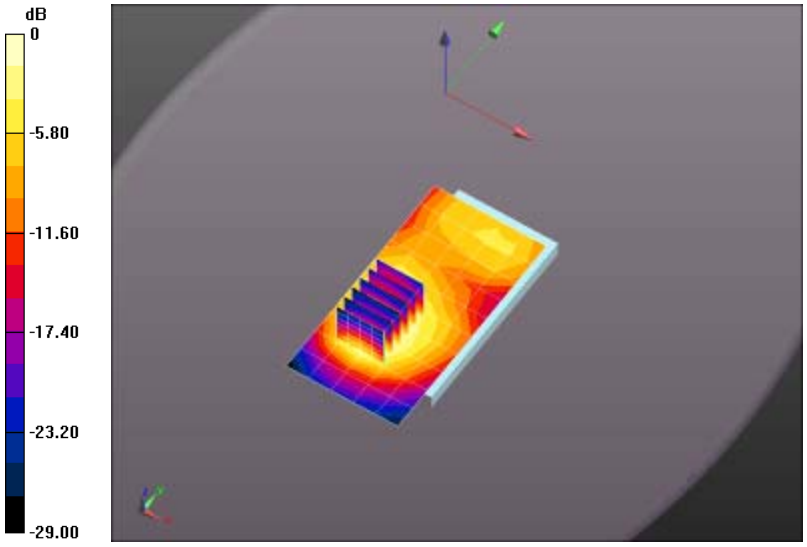
Communication System: GPRS-FDD (3 Timeslots); Frequency: 1850.2 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.472 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 22.3C; Medium Temperature: 22.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- 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 3.1 Spotchecks/Front 10mm_3 TS_1850.2MHz/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.62 mW/g

Flat-Section 3.1 Spotchecks/Front 10mm_3 TS_1850.2MHz/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 36.569 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 2.687 mW/g
SAR(1 g) = 1.42 mW/g; SAR(10 g) = 0.743 mW/g
Maximum value of SAR (measured) = 1.89 mW/g



0 dB = 1.62 mW/g = 4.18 dB mW/g

Plot 79

Date/Time: 7/17/2013 11:16:10 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBMB309100135

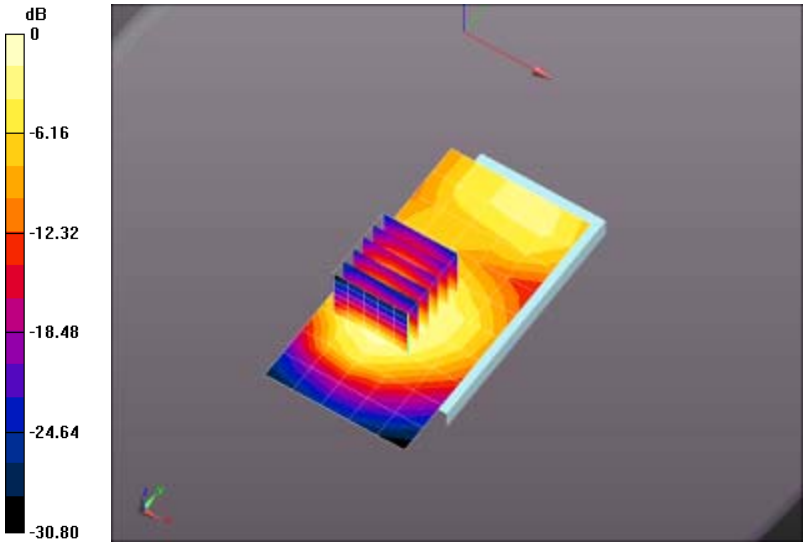
Communication System: GPRS-FDD (3 Timeslots); Frequency: 1909.8 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1910 MHz; σ = 1.546 mho/m; ε_r = 52.009; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 22.3C; Medium Temperature: 22.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- 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 3.1 Spotchecks/Front 10mm_3 TS_1909.8MHz/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.20 mW/g

Flat-Section 3.1 Spotchecks/Front 10mm_3 TS_1909.8MHz/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.183 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.650 mW/g
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.659 mW/g
Maximum value of SAR (measured) = 1.26 mW/g



0 dB = 1.20 mW/g = 1.58 dB mW/g

Plot 80

Date/Time: 4/30/2013 6:14:15 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

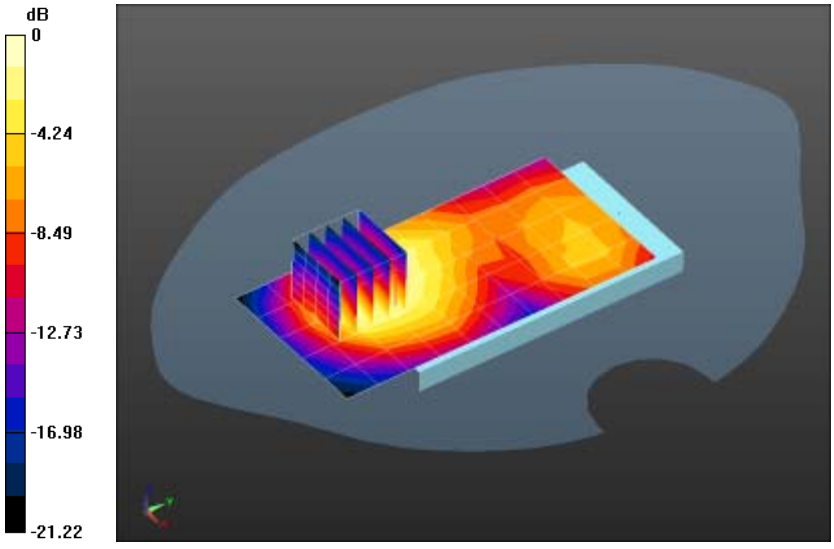
DUT: Intel Redhook; Type: phone; Serial: RHBEB245400138

Communication System: GPRS-FDD (3 Timeslots); Frequency: 1850.2 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.498 mho/m; ε_r = 53.248; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
Procedure Notes: Test Technician: John; Air Temperature: 21.8C; Medium Temperature: 21.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.81, 4.81, 4.81); 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);

Flat-Section 3/Front 10mm_3 TS_1850.2MHz_Headset/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.25 mW/g
Flat-Section 3/Front 10mm_3 TS_1850.2MHz_Headset/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.253 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 2.003 mW/g
SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.594 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.42 mW/g



0 dB = 1.25 mW/g = 1.94 dB mW/g

Plot 81

Date/Time: 4/4/2013 3:23:09 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

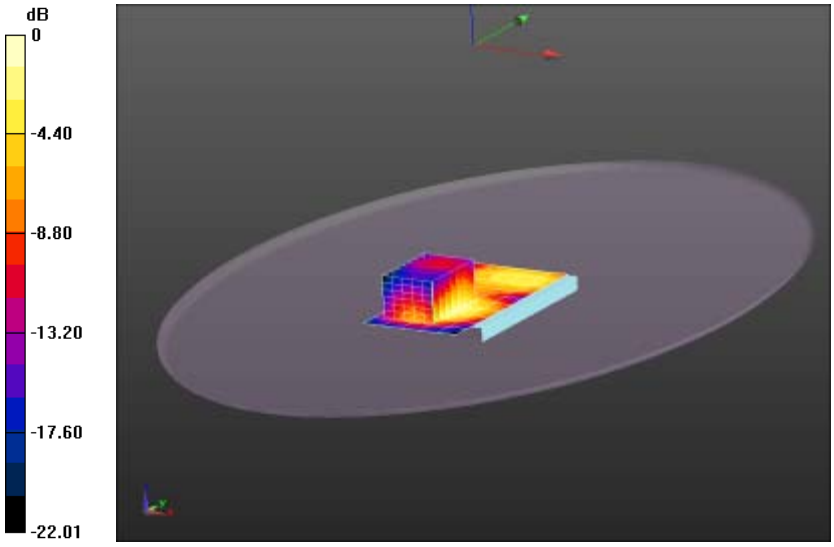
DUT: Intel Redhook; Type: phone; Serial: RHBEB245400138

Communication System: GPRS-FDD (3 Timeslots); Frequency: 1850.2 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.498 mho/m; ε_r = 51.635; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
Procedure Notes: Test Technician: John; Air Temperature: 22.3C; Medium Temperature: 21.3C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.81, 4.81, 4.81); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section 2/Front 10mm_EGPRS_3 TS_1850.2MHz_Headset/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.373 mW/g
Flat-Section 2/Front 10mm_EGPRS_3 TS_1850.2MHz_Headset/Zoom Scan (6x8x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.646 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 0.533 mW/g
SAR(1 g) = 0.349 mW/g; SAR(10 g) = 0.216 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.404 mW/g



0 dB = 0.373 mW/g = -8.56 dB mW/g

Plot 82

Date/Time: 4/4/2013 4:30:20 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB245400138

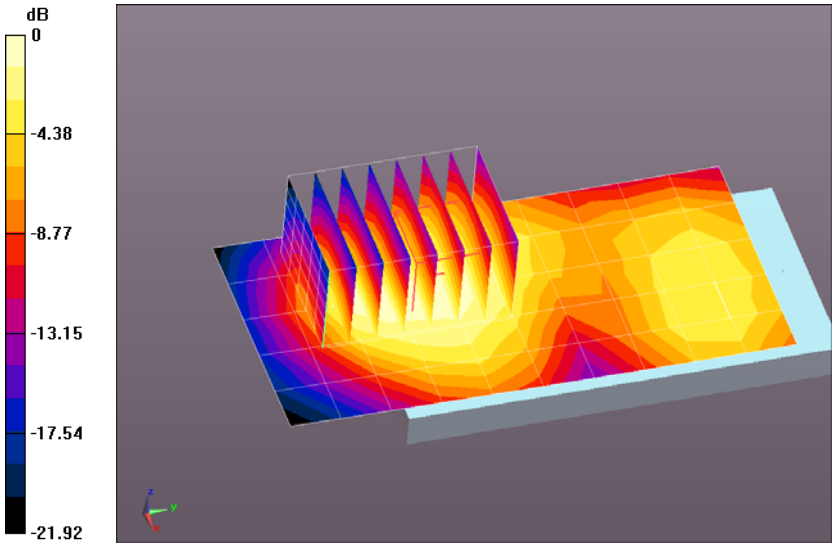
Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.551 mho/m; ε_r = 51.672; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 21.9C; Medium Temperature: 21.3C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.81, 4.81, 4.81); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section/Front 10mm_1880MHz/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.906 mW/g

Flat-Section/Front 10mm_1880MHz/Zoom Scan (6x8x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.558 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.219 mW/g
SAR(1 g) = 0.824 mW/g; SAR(10 g) = 0.516 mW/g
Maximum value of SAR (measured) = 0.947 mW/g



0 dB = 0.906 mW/g = -0.85 dB mW/g

Plot 83

Date/Time: 4/4/2013 4:53:34 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB245400138

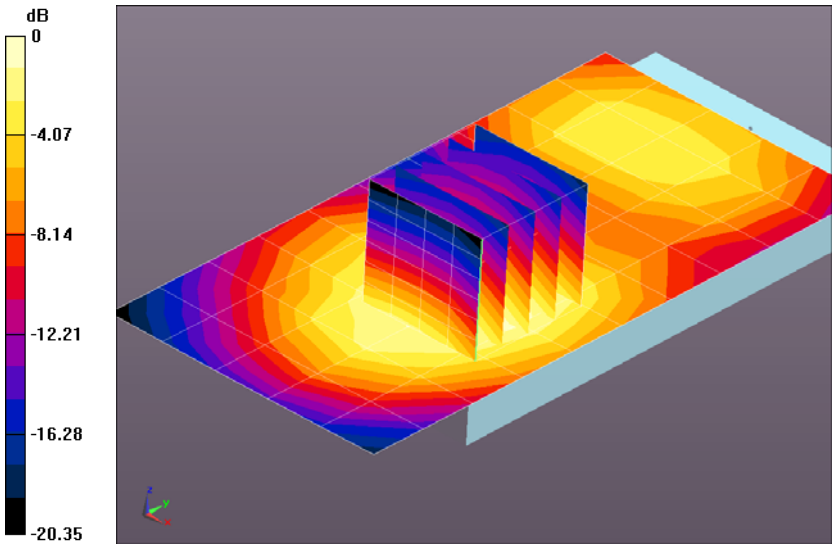
Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.551 mho/m; ε_r = 51.672; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 21.8C; Medium Temperature: 21.3C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.81, 4.81, 4.81); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section/Back 10mm_1880MHz/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.896 mW/g

Flat-Section/Back 10mm_1880MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.990 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.168 mW/g
SAR(1 g) = 0.799 mW/g; SAR(10 g) = 0.502 mW/g
Maximum value of SAR (measured) = 0.930 mW/g



0 dB = 0.896 mW/g = -0.95 dB mW/g

Plot 84

Date/Time: 4/5/2013 8:22:22 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB245400138

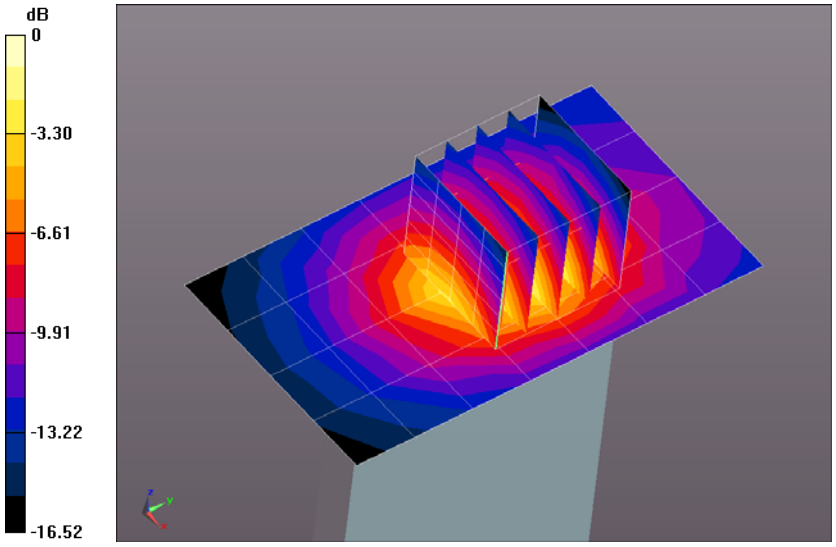
Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.551 mho/m; ε_r = 51.672; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 21C; Medium Temperature: 21.3C; Comments:
;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.81, 4.81, 4.81); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section/Bottom Edge 10mm_1880MHz/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.08 mW/g

Flat-Section/Bottom Edge 10mm_1880MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.730 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.628 mW/g
SAR(1 g) = 0.883 mW/g; SAR(10 g) = 0.438 mW/g
Maximum value of SAR (measured) = 1.13 mW/g



0 dB = 1.08 mW/g = 0.68 dB mW/g

Plot 85

Date/Time: 4/5/2013 8:50:12 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB245400138

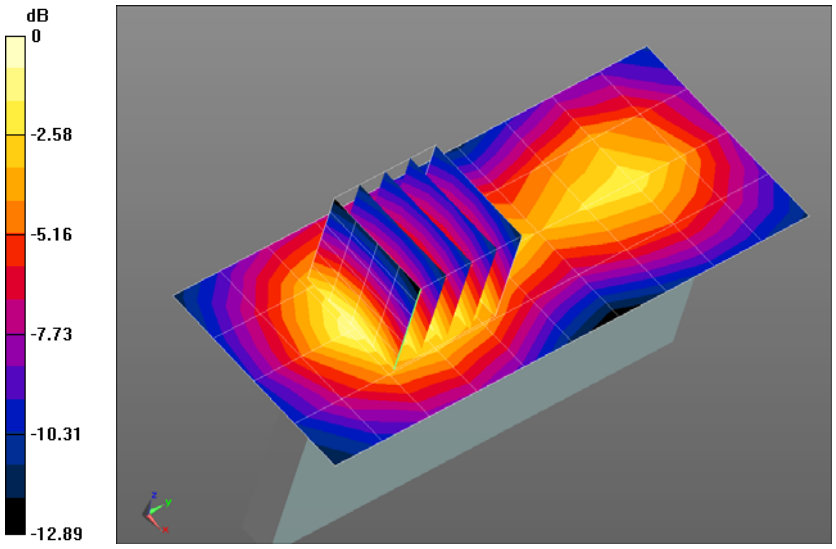
Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.551 mho/m; ε_r = 51.672; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 21.1C; Medium Temperature: 21.3C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.81, 4.81, 4.81); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section/Left Edge 10mm_1880MHz/Area Scan (5x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.595 mW/g

Flat-Section/Left Edge 10mm_1880MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.026 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.777 mW/g
SAR(1 g) = 0.499 mW/g; SAR(10 g) = 0.304 mW/g
Maximum value of SAR (measured) = 0.596 mW/g



0 dB = 0.595 mW/g = -4.51 dB mW/g

Plot 86

Date/Time: 4/5/2013 9:29:39 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB245400138

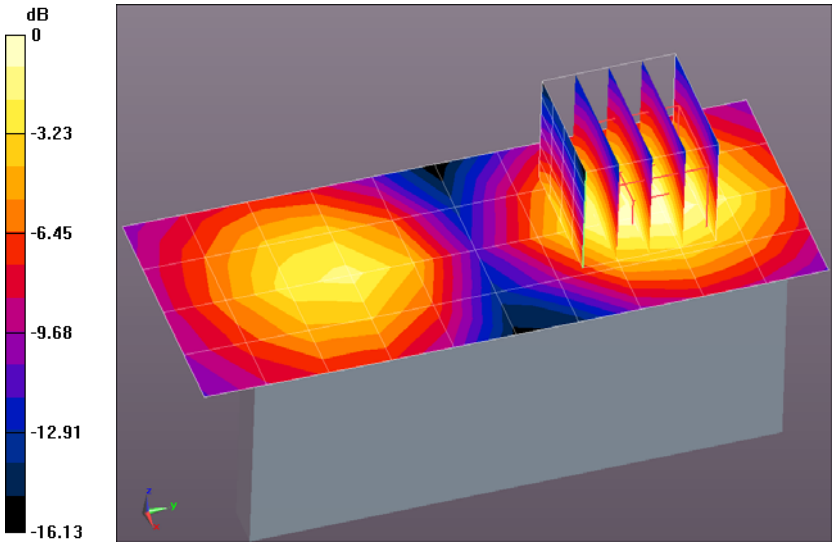
Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.551 mho/m; ε_r = 51.672; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: john; Air Temperature: 22.2C; Medium Temperature: 21.3C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.81, 4.81, 4.81); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section/Right Edge 10mm_1880MHz/Area Scan (5x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.186 mW/g

Flat-Section/Right Edge 10mm_1880MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.169 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.253 mW/g
SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.095 mW/g
Maximum value of SAR (measured) = 0.188 mW/g



0 dB = 0.186 mW/g = -14.63 dB mW/g

Plot 87

Date/Time: 4/5/2013 11:14:35 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

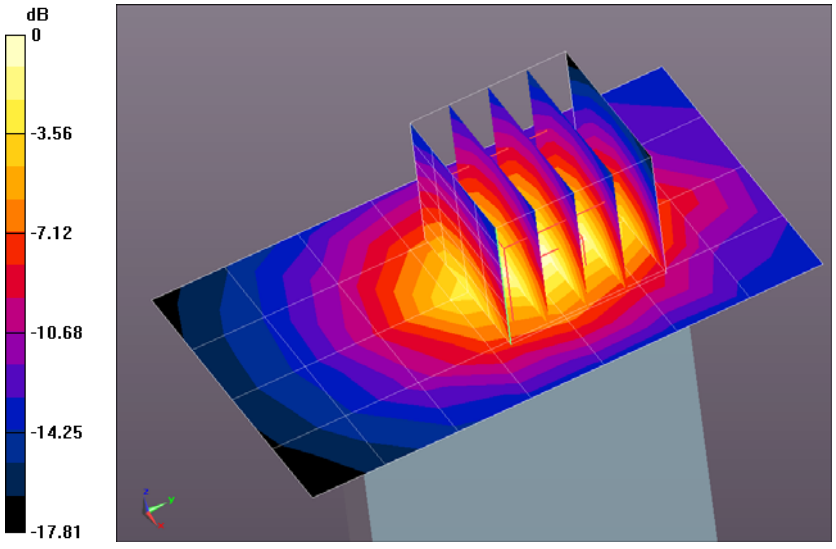
DUT: Intel Redhook; Type: phone; Serial: RHBEB243400902

Communication System: UMTS-FDD (WCDMA); Frequency: 1852.4 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.502 mho/m; ε_r = 51.622; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
Procedure Notes: Test Technician: John; Air Temperature: 21.4C; Medium Temperature: 21.3C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.81, 4.81, 4.81); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section 2/Bottom Edge 10mm_1852.4MHz/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.36 mW/g
Flat-Section 2/Bottom Edge 10mm_1852.4MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.729 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.029 mW/g
SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.561 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.45 mW/g



0 dB = 1.36 mW/g = 2.68 dB mW/g

Plot 88

Date/Time: 4/5/2013 10:23:24 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB245400138

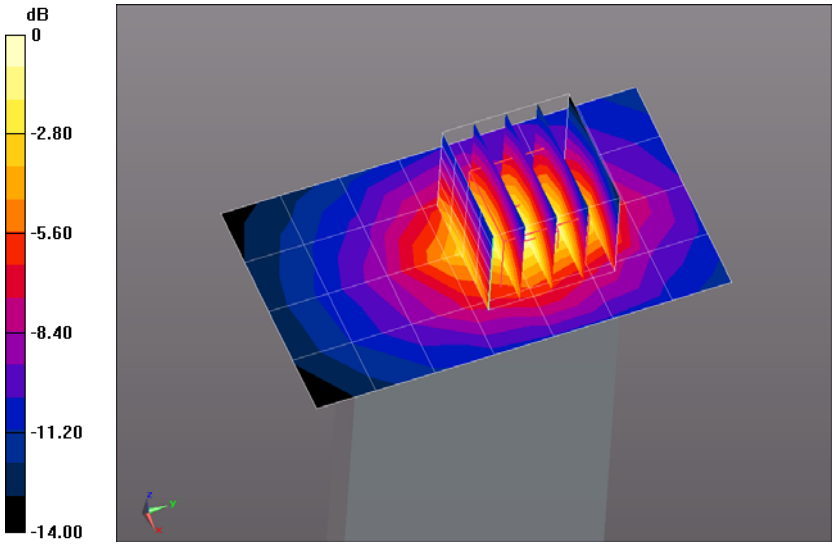
Communication System: UMTS-FDD (WCDMA); Frequency: 1907.6 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1908 MHz; σ = 1.56 mho/m; ε_r = 51.658; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 21.2C; Medium Temperature: 21.3C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.81, 4.81, 4.81); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section/Bottom Edge 10mm_1907.6MHz/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.623 mW/g

Flat-Section/Bottom Edge 10mm_1907.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.305 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.033 mW/g
SAR(1 g) = 0.529 mW/g; SAR(10 g) = 0.248 mW/g
Maximum value of SAR (measured) = 0.716 mW/g



0 dB = 0.623 mW/g = -4.11 dB mW/g

Plot 89

Date/Time: 4/5/2013 1:46:25 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

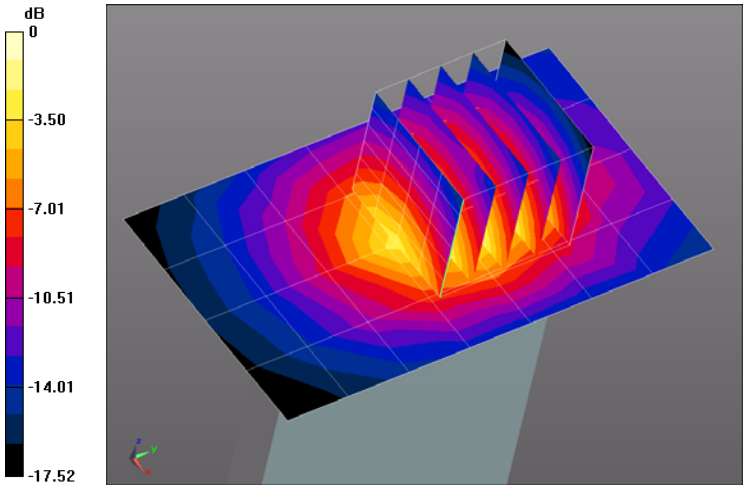
DUT: Intel Redhook; Type: phone; Serial: RHBEB243400902

Communication System: UMTS-FDD (WCDMA); Frequency: 1852.4 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.502 mho/m; ε_r = 51.622; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
Procedure Notes: Test Technician: John; Air Temperature: 21.4C; Medium Temperature: 21.3C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.81, 4.81, 4.81); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section 2/Bottom Edge 10mm_1852.4MHz Repeat/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.29 mW/g
Flat-Section 2/Bottom Edge 10mm_1852.4MHz Repeat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.480 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.913 mW/g
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.523 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.35 mW/g



0 dB = 1.29 mW/g = 2.23 dB mW/g

Plot 90

Date/Time: 7/17/2013 7:28:50 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBMB309100135

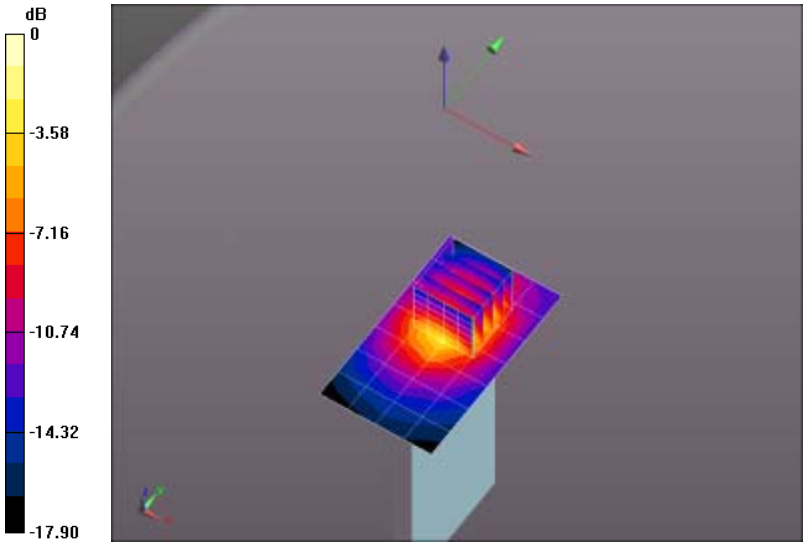
Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1880 MHz; σ = 1.523 mho/m; ε_r = 52.068; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 22.2C; Medium Temperature: 22.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- 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 3.1 Spotchecks/Bottom Edge 10mm_1880MHz/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.09 mW/g

Flat-Section 3.1 Spotchecks/Bottom Edge 10mm_1880MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.929 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.603 mW/g
SAR(1 g) = 0.844 mW/g; SAR(10 g) = 0.417 mW/g
Maximum value of SAR (measured) = 1.11 mW/g



0 dB = 1.09 mW/g = 0.73 dB mW/g

Plot 91

Date/Time: 7/17/2013 7:42:43 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBMB309100135

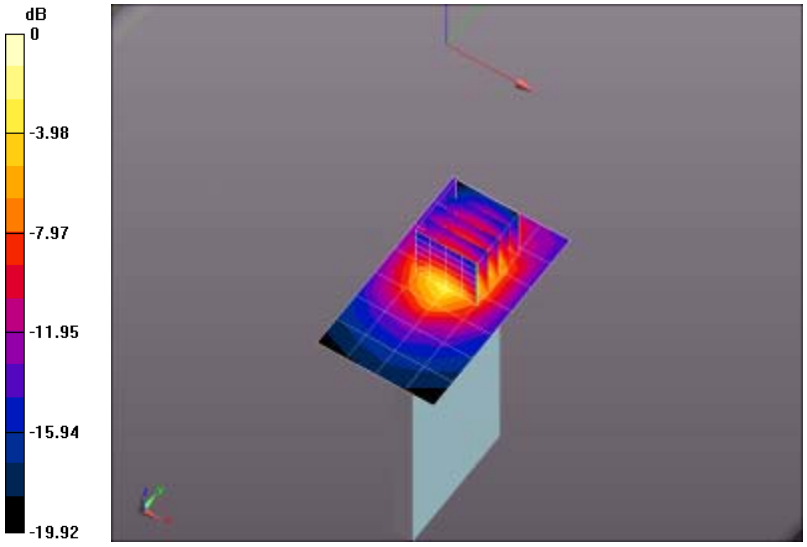
Communication System: UMTS-FDD (WCDMA); Frequency: 1852.4 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.477 mho/m; ε_r = 52.088; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 22.2C; Medium Temperature: 22.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- 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 3.1 Spotchecks/Bottom Edge 10mm_1852.4MHz/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.65 mW/g

Flat-Section 3.1 Spotchecks/Bottom Edge 10mm_1852.4MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.397 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 2.454 mW/g
SAR(1 g) = 1.33 mW/g; SAR(10 g) = 0.663 mW/g
Maximum value of SAR (measured) = 1.72 mW/g



0 dB = 1.65 mW/g = 4.34 dB mW/g

Plot 92

Date/Time: 7/17/2013 7:55:31 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBMB309100135

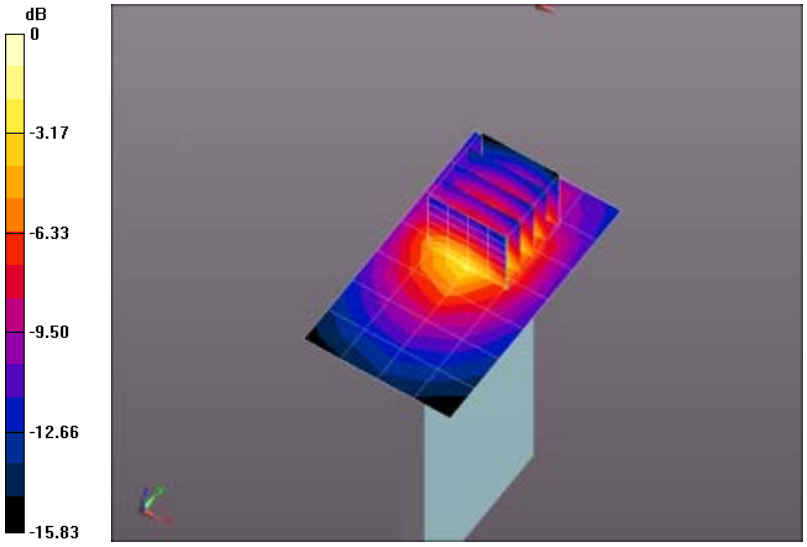
Communication System: UMTS-FDD (WCDMA); Frequency: 1907.6 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1908 MHz; σ = 1.545 mho/m; ε_r = 52.012; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 22.2C; Medium Temperature: 22.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- 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 3.1 Spotchecks/Bottom Edge 10mm_1907.6MHz/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.786 mW/g

Flat-Section 3.1 Spotchecks/Bottom Edge 10mm_1907.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.387 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.149 mW/g
SAR(1 g) = 0.594 mW/g; SAR(10 g) = 0.293 mW/g
Maximum value of SAR (measured) = 0.792 mW/g



0 dB = 0.786 mW/g = -2.09 dB mW/g

Plot 93

Date/Time: 7/16/2013 11:36:15 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB245400138

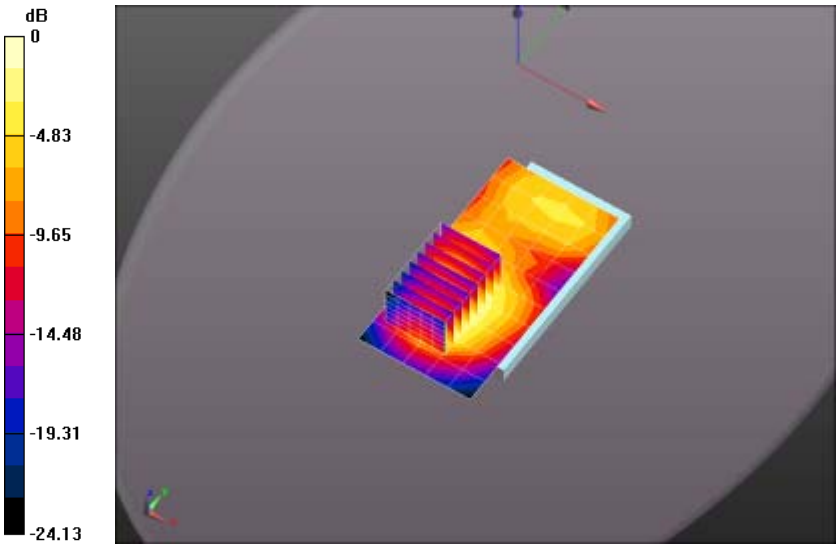
Communication System: UMTS-FDD (WCDMA); Frequency: 1852 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1852 MHz; σ = 1.476 mho/m; ε_r = 52.091; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 22.6C; Medium Temperature: 22.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- 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 10mm_1852MHz/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.952 mW/g

Flat-Section 3/Front 10mm_1852MHz/Zoom Scan (6x8x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.160 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.782 mW/g
SAR(1 g) = 0.965 mW/g; SAR(10 g) = 0.518 mW/g
Maximum value of SAR (measured) = 1.24 mW/g



0 dB = 0.952 mW/g = -0.42 dB mW/g

Plot 94

Date/Time: 7/17/2013 12:23:59 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB245400138

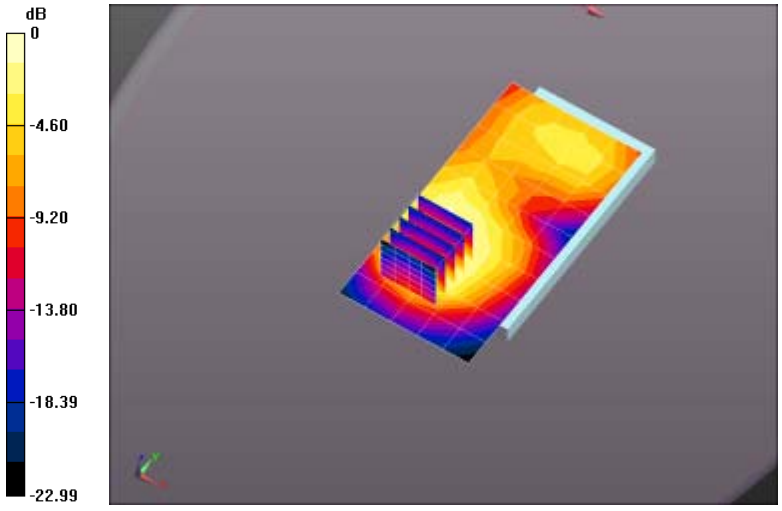
Communication System: UMTS-FDD (WCDMA); Frequency: 1852 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1852 MHz; σ = 1.476 mho/m; ε_r = 52.091; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 22.6C; Medium Temperature: 22.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- 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: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 3/Front 10mm_1852MHz_Headset/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.878 mW/g

Flat-Section 3/Front 10mm_1852MHz_Headset/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.038 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.726 mW/g
SAR(1 g) = 0.944 mW/g; SAR(10 g) = 0.510 mW/g
Maximum value of SAR (measured) = 1.21 mW/g



0 dB = 0.878 mW/g = -1.13 dB mW/g

Plot 95

Date/Time: 7/17/2013 12:02:13 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB245400138

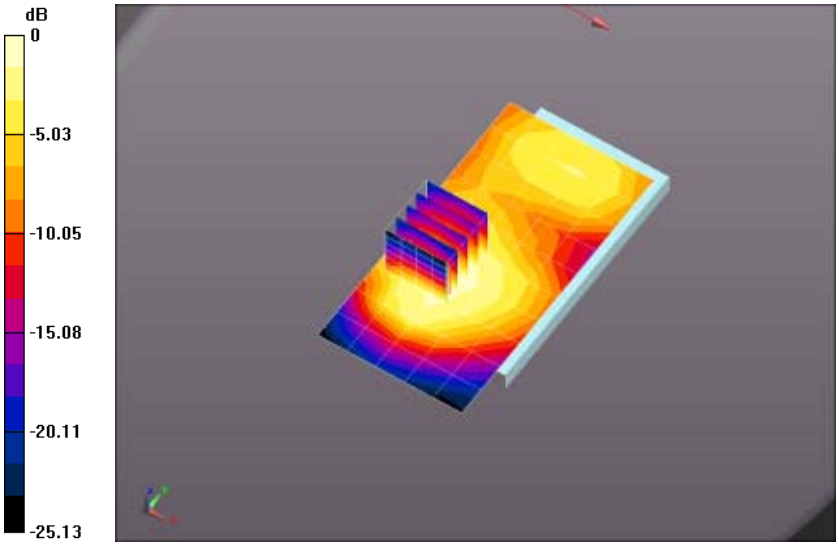
Communication System: UMTS-FDD (WCDMA); Frequency: 1908 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1908 MHz; σ = 1.545 mho/m; ε_r = 52.012; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 22.6C; Medium Temperature: 22.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- 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: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 3/Front 10mm_1908MHz/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.756 mW/g

Flat-Section 3/Front 10mm_1908MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.664 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.025 mW/g
SAR(1 g) = 0.674 mW/g; SAR(10 g) = 0.420 mW/g
Maximum value of SAR (measured) = 0.779 mW/g



0 dB = 0.756 mW/g = -2.43 dB mW/g

Plot 96

Date/Time: 7/17/2013 8:29:13 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBMB309100135

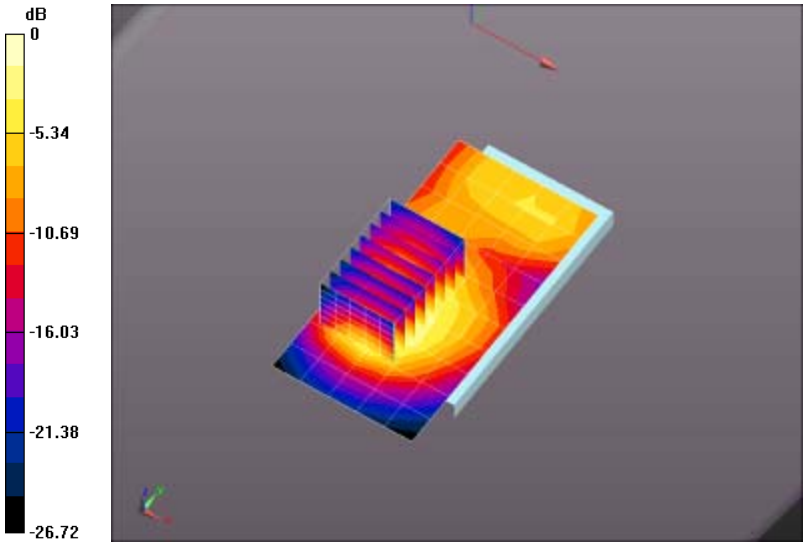
Communication System: UMTS-FDD (WCDMA); Frequency: 1852 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1852 MHz; σ = 1.476 mho/m; ε_r = 52.091; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 22.2C; Medium Temperature: 22.1C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- 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 3.1 Spotchecks/Front 10mm_1852.4MHz/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.54 mW/g

Flat-Section 3.1 Spotchecks/Front 10mm_1852.4MHz/Zoom Scan (6x8x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.945 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 2.305 mW/g
SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.670 mW/g
Maximum value of SAR (measured) = 1.58 mW/g



0 dB = 1.54 mW/g = 3.76 dB mW/g

Plot 97

Date/Time: 5/9/2013 1:14:40 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB243200082

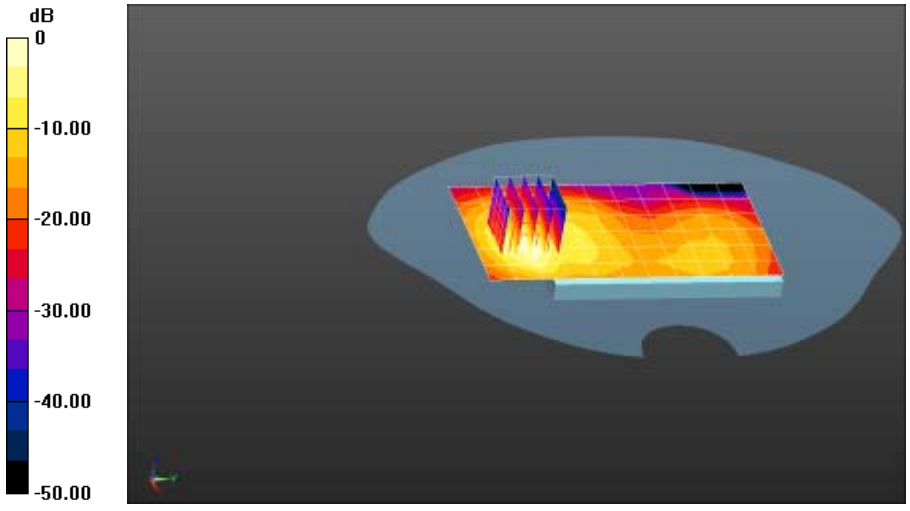
Communication System: UMTS WCDMA; Frequency: 1732.6 MHz
Medium: MSL1750_Batch 100824-2
Medium parameters used: f = 1733 MHz; σ = 1.485 mho/m; ε_r = 51.743; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Nalini; Air Temperature: 25.5C; Medium Temperature: 22.0C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.04, 5.04, 5.04); 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);

Flat section 05-09-13 2/Front 10mm_1732.6MHz/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.417 mW/g

Flat section 05-09-13 2/Front 10mm_1732.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.884 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 0.622 mW/g
SAR(1 g) = 0.355 mW/g; SAR(10 g) = 0.181 mW/g
Maximum value of SAR (measured) = 0.440 mW/g



0 dB = 0.417 mW/g = -7.61 dB mW/g

Plot 98

Date/Time: 5/9/2013 1:43:00 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB243200082

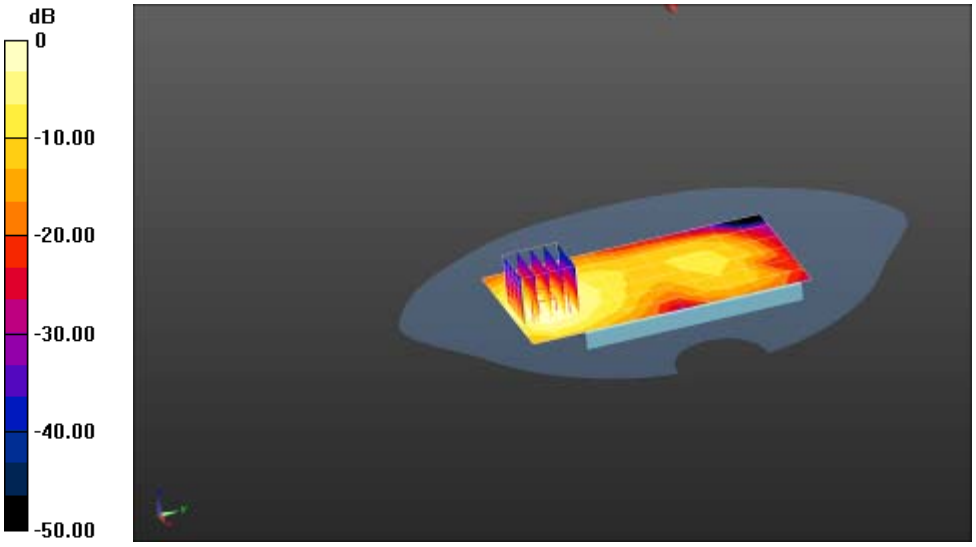
Communication System: UMTS WCDMA; Frequency: 1732.6 MHz
Medium: MSL1750_Batch 100824-2
Medium parameters used: f = 1733 MHz; σ = 1.485 mho/m; ε_r = 51.743; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Nalini; Air Temperature: 23.8C; Medium Temperature: 22.0C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.04, 5.04, 5.04); 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);

Flat section 05-09-13 2/Back 10mm_1732.6MHz/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.194 mW/g

Flat section 05-09-13 2/Back 10mm_1732.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.056 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.320 mW/g
SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.109 mW/g
Maximum value of SAR (measured) = 0.239 mW/g



0 dB = 0.194 mW/g = -14.24 dB mW/g

Plot 99

Date/Time: 5/9/2013 2:16:46 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB243200082

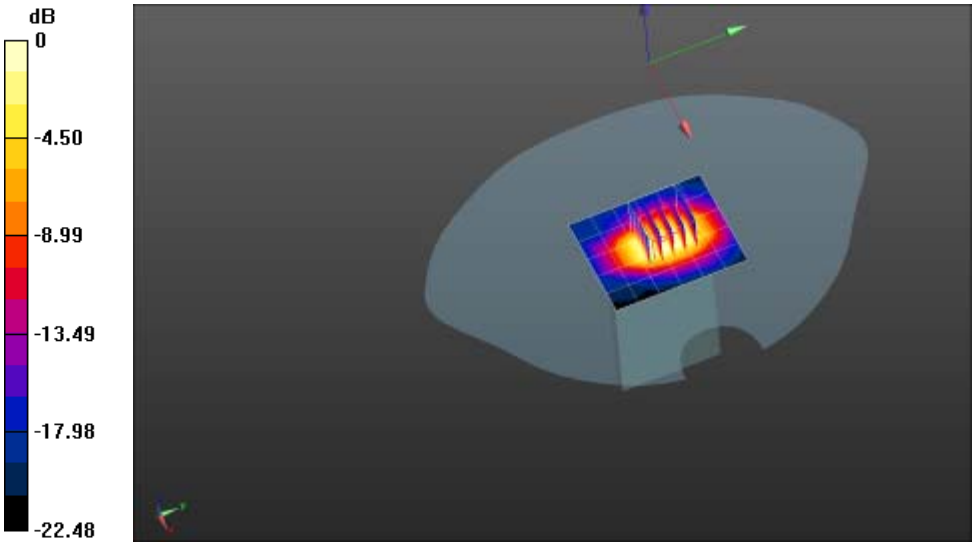
Communication System: UMTS WCDMA; Frequency: 1732.6 MHz
Medium: MSL1750_Batch 100824-2
Medium parameters used: f = 1733 MHz; σ = 1.485 mho/m; ε_r = 51.743; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Nalini; Air Temperature: 23.0C; Medium Temperature: 22.0C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.04, 5.04, 5.04); 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);

Flat section 05-09-13 2/Bottom Edge 10mm_1732.6MHz/Area Scan (6x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.412 mW/g

Flat section 05-09-13 2/Bottom Edge 10mm_1732.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.812 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.842 mW/g
SAR(1 g) = 0.492 mW/g; SAR(10 g) = 0.256 mW/g
Maximum value of SAR (measured) = 0.618 mW/g



0 dB = 0.412 mW/g = -7.70 dB mW/g

Plot 100

Date/Time: 5/9/2013 4:33:05 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

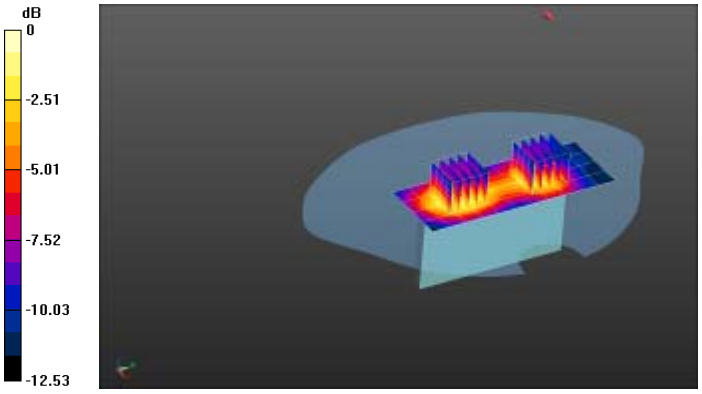
DUT: Intel Redhook; Type: phone; Serial: RHBEB243200082

Communication System: UMTS WCDMA; Frequency: 1732.6 MHz
Medium: MSL1750_Batch 100824-2
Medium parameters used: f = 1733 MHz; σ = 1.485 mho/m; ε_r = 51.743; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Nalini; Air Temperature: 24.2C; Medium Temperature: 22.0C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.04, 5.04, 5.04); 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);

Flat section 05-09-13 2/Left Edge 10mm_1732.6MHz 2/Area Scan (5x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0659 mW/g
Flat section 05-09-13 2/Left Edge 10mm_1732.6MHz 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.524 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.087 mW/g
SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.035 mW/g
Maximum value of SAR (measured) = 0.0678 mW/g
Flat section 05-09-13 2/Left Edge 10mm_1732.6MHz 2/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.524 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.072 mW/g
SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.030 mW/g
Maximum value of SAR (measured) = 0.0563 mW/g



0 dB = 0.0659 mW/g = -23.62 dB mW/g

Plot 101

Date/Time: 5/10/2013 8:20:02 AM

Test Laboratory: Cetecom Inc., SAR 4 Lab

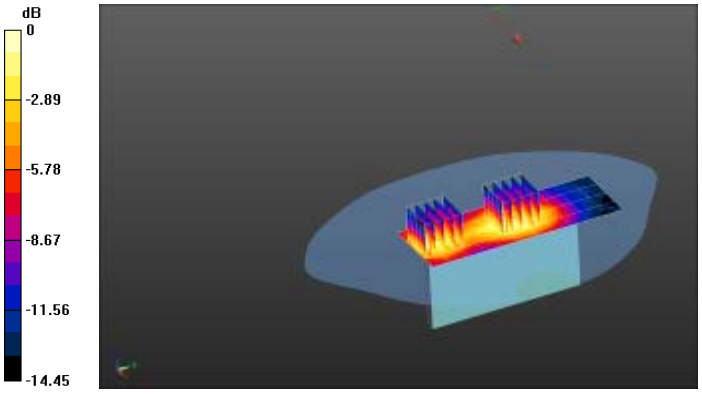
DUT: Intel Redhook; Type: phone; Serial: RHBEB243200082

Communication System: UMTS WCDMA; Frequency: 1732.6 MHz
Medium: MSL1750_Batch 100824-2
Medium parameters used: f = 1733 MHz; σ = 1.485 mho/m; ε_r = 51.743; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Nalini; Air Temperature: 22.2C; Medium Temperature: 22.0C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.04, 5.04, 5.04); 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);

Flat section 05-09-13 2/Right Edge 10mm_1732.6MHz 2/Area Scan (5x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0635 mW/g
Flat section 05-09-13 2/Right Edge 10mm_1732.6MHz 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.843 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.083 mW/g
SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.033 mW/g
Maximum value of SAR (measured) = 0.0652 mW/g
Flat section 05-09-13 2/Right Edge 10mm_1732.6MHz 2/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.843 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.061 mW/g
SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.021 mW/g
Maximum value of SAR (measured) = 0.0455 mW/g



0 dB = 0.0635 mW/g = -23.94 dB mW/g

Plot 102

Date/Time: 5/9/2013 3:59:19 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

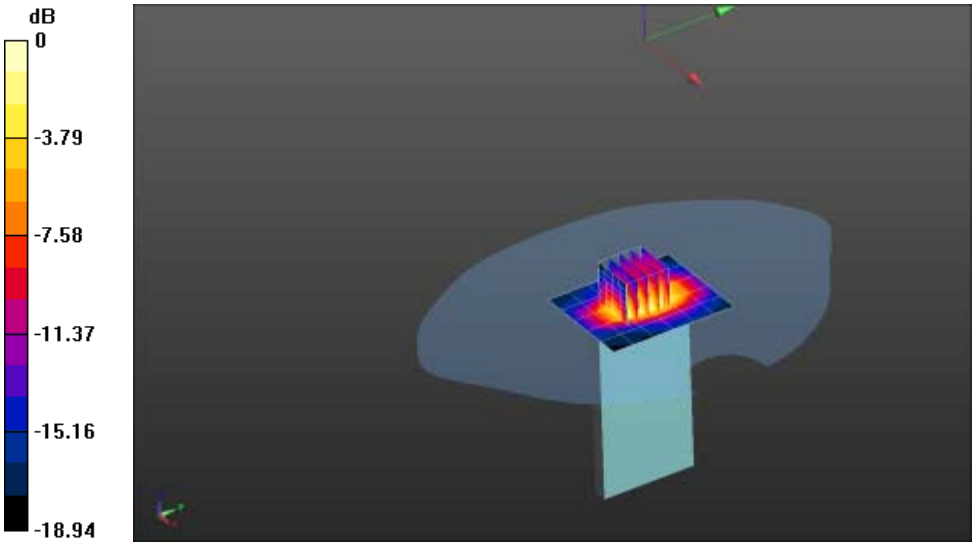
DUT: Intel Redhook; Type: phone; Serial: RHBEB243200082

Communication System: UMTS WCDMA; Frequency: 1712.4 MHz
Medium: MSL1750_Batch 100824-2
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.468 mho/m; ε_r = 51.861; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Nalini; Air Temperature: 22.9C; Medium Temperature: 22.0C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.04, 5.04, 5.04); 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);

Flat section 05-09-13 2/Bottom Edge 10mm_1712.4MHz/Area Scan (6x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.246 mW/g
Flat section 05-09-13 2/Bottom Edge 10mm_1712.4MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.348 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.498 mW/g
SAR(1 g) = 0.289 mW/g; SAR(10 g) = 0.152 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.356 mW/g



0 dB = 0.246 mW/g = -12.20 dB mW/g

Plot 103

Date/Time: 5/9/2013 4:14:07 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB243200082

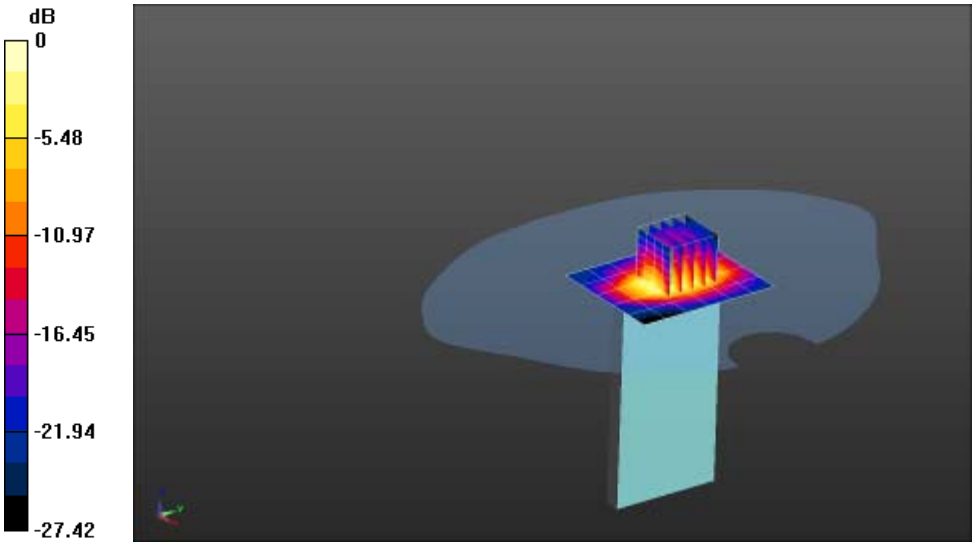
Communication System: UMTS WCDMA; Frequency: 1752.6 MHz
Medium: MSL1750_Batch 100824-2
Medium parameters used: f = 1753 MHz; σ = 1.511 mho/m; ε_r = 51.631; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Nalini; Air Temperature: 23.1C; Medium Temperature: 22.0C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.04, 5.04, 5.04); 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);

Flat section 05-09-13 2/Bottom Edge 10mm_1752.6MHz/Area Scan (6x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.584 mW/g

Flat section 05-09-13 2/Bottom Edge 10mm_1752.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.649 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.200 mW/g
SAR(1 g) = 0.698 mW/g; SAR(10 g) = 0.359 mW/g
Maximum value of SAR (measured) = 0.879 mW/g



0 dB = 0.584 mW/g = -4.67 dB mW/g

Plot 104

Date/Time: 7/18/2013 7:01:27 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBMB309100135

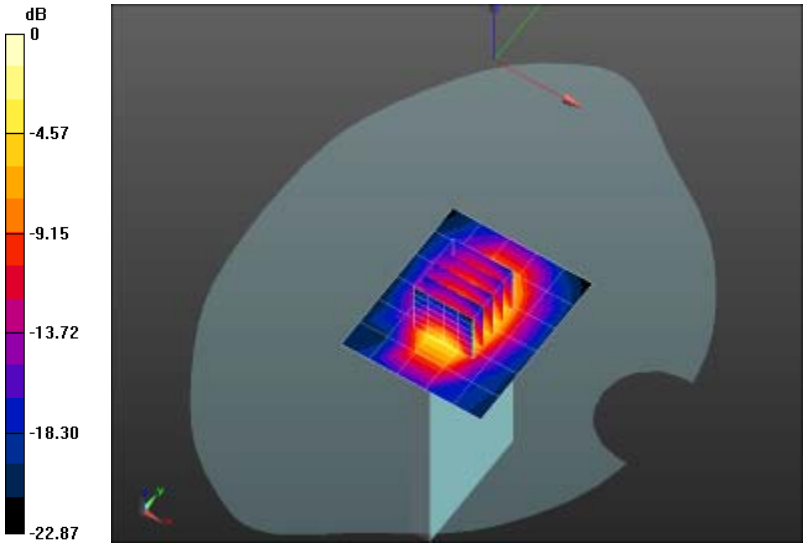
Communication System: UMTS WCDMA; Frequency: 1732.6 MHz
Medium: MSL1750_Batch 100824-2
Medium parameters used: f = 1733 MHz; σ = 1.515 mho/m; ε_r = 51.163; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Nalini; Air Temperature: 22.9C; Medium Temperature: 21.8C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(5.02, 5.02, 5.02); Calibrated: 11/7/2012;
- 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: 6/11/2013
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat section 07-18-13/Bottom Edge 10mm_1732.6MHz 2/Area Scan (6x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.559 mW/g

Flat section 07-18-13/Bottom Edge 10mm_1732.6MHz 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.897 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.148 mW/g
SAR(1 g) = 0.655 mW/g; SAR(10 g) = 0.337 mW/g
Maximum value of SAR (measured) = 0.808 mW/g



0 dB = 0.559 mW/g = -5.05 dB mW/g

Plot 105

Date/Time: 7/18/2013 6:13:14 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBMB309100135

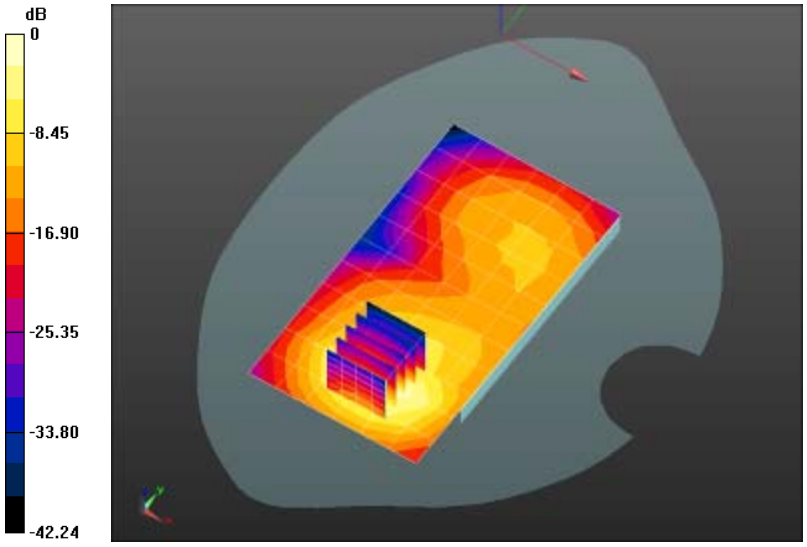
Communication System: UMTS WCDMA; Frequency: 1732.6 MHz
Medium: MSL1750_Batch 100824-2
Medium parameters used: f = 1733 MHz; σ = 1.515 mho/m; ε_r = 51.163; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Nalini; Air Temperature: 23.1C; Medium Temperature: 21.8C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(5.02, 5.02, 5.02); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat section 07-18-13/Front 10mm_1732.6MHz/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.584 mW/g

Flat section 07-18-13/Front 10mm_1732.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.030 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.880 mW/g
SAR(1 g) = 0.494 mW/g; SAR(10 g) = 0.254 mW/g
Maximum value of SAR (measured) = 0.627 mW/g



0 dB = 0.584 mW/g = -4.68 dB mW/g

Plot 106

Date/Time: 4/16/2013 4:21:10 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

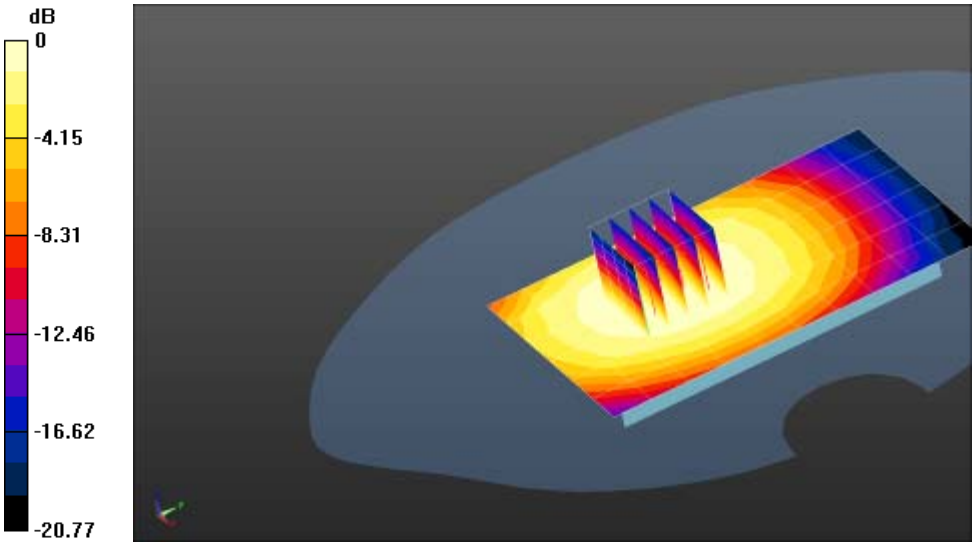
DUT: Intel Redhook; Type: phone; Serial: RHBEC245300082

Communication System: UMTS WCDMA; Frequency: 836.6 MHz
Medium: MSL900_Batch 100818-1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.003 mho/m; ε_r = 53.466; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 24.3C; Medium Temperature: 22.5C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); 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);

Flat section 04-16-13/Front 10mm_836.6MHz/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.148 mW/g
Flat section 04-16-13/Front 10mm_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.109 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.171 mW/g
SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.104 mW/g
Info: Interpolated medium parameters used for SAR evaluation.



0 dB = 0.148 mW/g = -16.60 dB mW/g

Plot 107

Date/Time: 4/17/2013 10:23:41 AM

Test Laboratory: Cetecom Inc., SAR 4 Lab

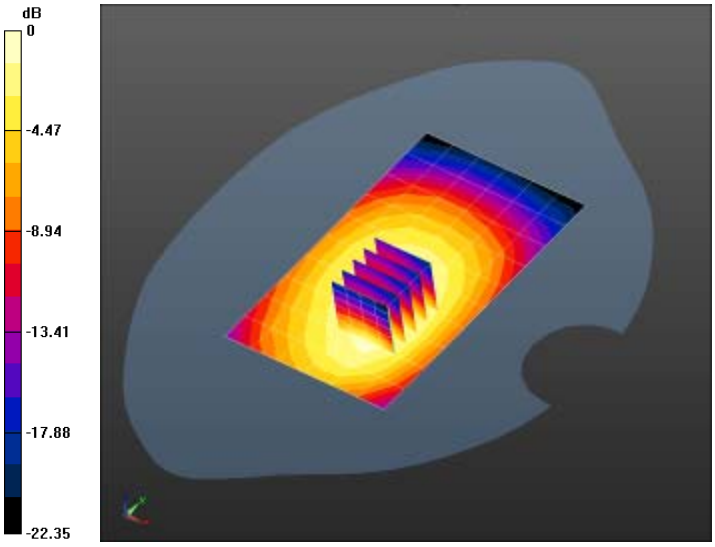
DUT: Intel Redhook; Type: phone; Serial: RHBEC245300082

Communication System: UMTS WCDMA; Frequency: 836.6 MHz
Medium: MSL900_Batch 100818-1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.003 mho/m; ε_r = 53.466; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 21.6C; Medium Temperature: 21.3C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); 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);

Flat section 04-16-13/Back 10mm_836.6MHz/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.204 mW/g
Flat section 04-16-13/Back 10mm_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.443 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.256 mW/g
SAR(1 g) = 0.185 mW/g; SAR(10 g) = 0.132 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.210 mW/g



0 dB = 0.204 mW/g = -13.82 dB mW/g

Plot 108

Date/Time: 4/5/2013 1:21:18 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB243200082

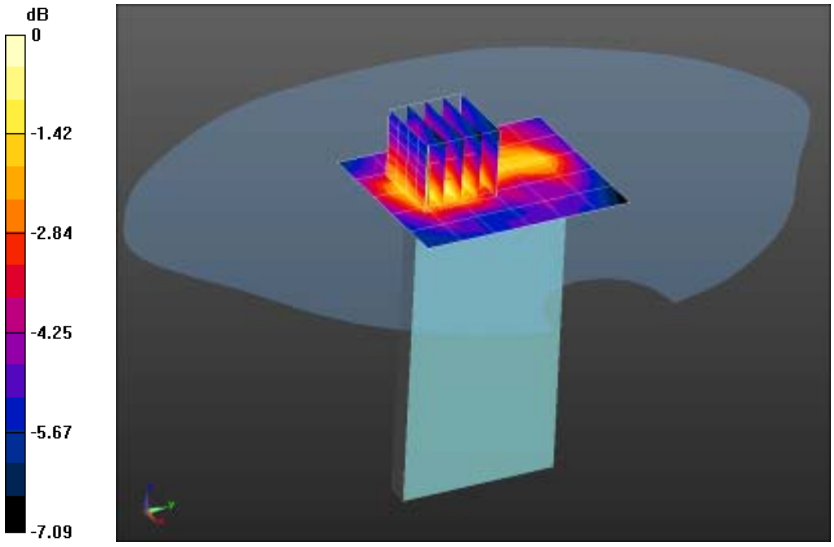
Communication System: UMTS WCDMA; Frequency: 836.6 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used: f = 837 MHz; σ = 0.985 mho/m; ε_r = 53.015; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.8C; Medium Temperature: 21.2C;
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: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

Flat-Section 1/Bottom Edge 10mm_836.6MHz/Area Scan (6x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0109 mW/g

Flat-Section 1/Bottom Edge 10mm_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.795 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.021 mW/g
SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00597 mW/g
Maximum value of SAR (measured) = 0.0138 mW/g



0 dB = 0.0109 mW/g = -39.23 dB mW/g

Plot 109

Date/Time: 4/16/2013 4:52:24 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

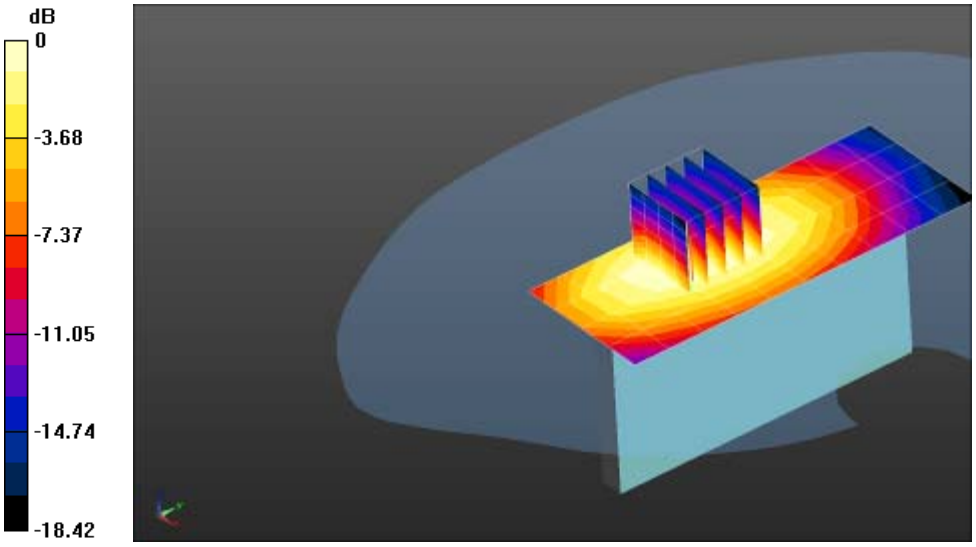
DUT: Intel Redhook; Type: phone; Serial: RHBEC245300082

Communication System: UMTS WCDMA; Frequency: 836.6 MHz
Medium: MSL900_Batch 100818-1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.003 mho/m; ε_r = 53.466; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 24.8C; Medium Temperature: 22.5C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); 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);

Flat section 04-16-13/Left Edge 10mm_836.6MHz/Area Scan (5x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.129 mW/g
Flat section 04-16-13/Left Edge 10mm_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.699 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.172 mW/g
SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.086 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.141 mW/g



0 dB = 0.129 mW/g = -17.76 dB mW/g

Plot 110

Date/Time: 4/17/2013 9:57:37 AM

Test Laboratory: Cetecom Inc., SAR 4 Lab

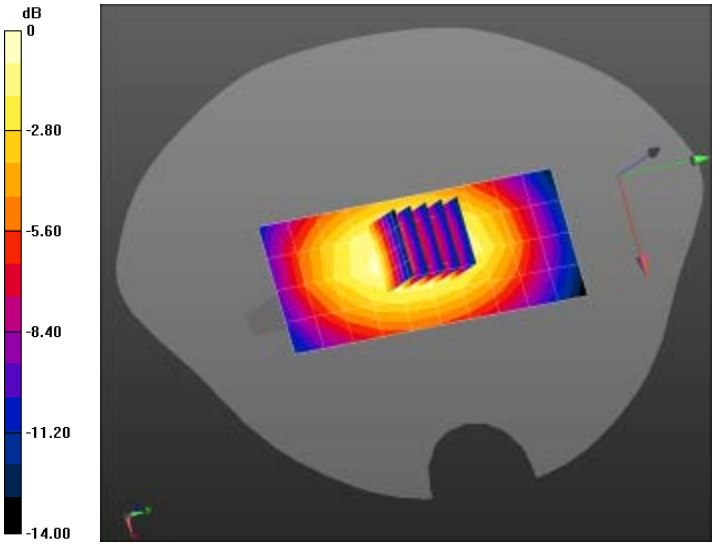
DUT: Intel Redhook; Type: phone; Serial: RHBEC245300082

Communication System: UMTS WCDMA; Frequency: 836.6 MHz
Medium: MSL900_Batch 100818-1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.003 mho/m; ε_r = 53.466; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 25.3C; Medium Temperature: 21.5C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); 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);

Flat section 04-16-13/Right Edge 10mm_836.6MHz/Area Scan (5x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.148 mW/g
Flat section 04-16-13/Right Edge 10mm_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.800 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.195 mW/g
SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.096 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.157 mW/g



0 dB = 0.148 mW/g = -16.62 dB mW/g

Plot 111

Date/Time: 7/18/2013 10:20:59 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBMB309100135

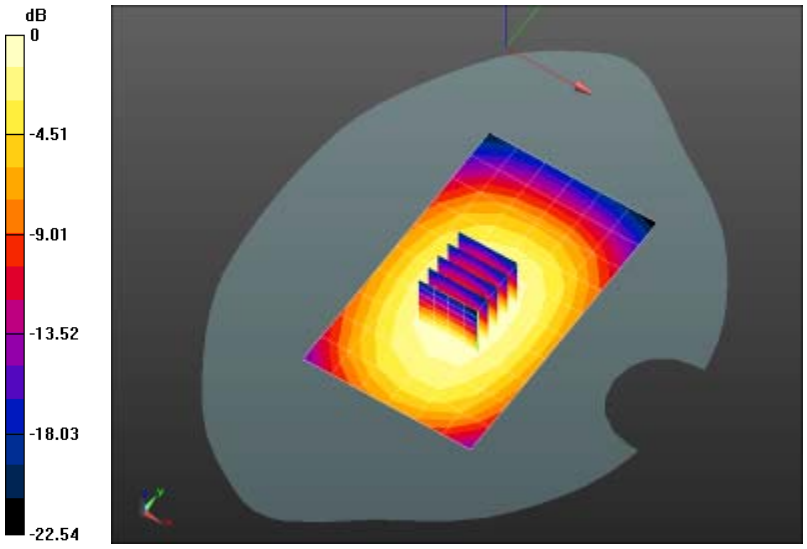
Communication System: UMTS WCDMA; Frequency: 836.6 MHz
Medium: MSL900_Batch 100818-1
Medium parameters used: f = 837 MHz; σ = 1.001 mho/m; ε_r = 52.689; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
Procedure Notes: Test Technician: Kathy; Air Temperature: 22.3C; Medium Temperature: 21.6C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.18, 6.18, 6.18); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat-Section 7-18/Back 10mm_836.6MHz/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.141 mW/g

Flat-Section 7-18/Back 10mm_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.331 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.162 mW/g
SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.097 mW/g



0 dB = 0.141 mW/g = -17.03 dB mW/g

Plot 112

Date/Time: 4/19/2013 9:52:31 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

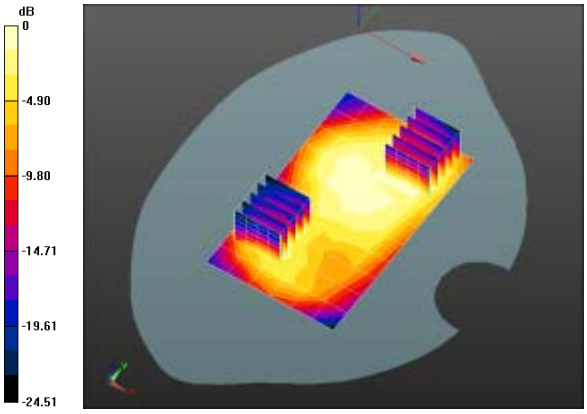
DUT: Intel Redhook; Type: phone; Serial: RHBEC245400138

Communication System: 802.11bgn 100% Duty Cycle; Frequency: 2437 MHz
Medium: MSL2450_Batch 110530-1
Medium parameters used: f = 2437 MHz; σ = 1.887 mho/m; ε_r = 51.327; 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: 22.8C; Medium Temperature: 21.C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.27, 4.27, 4.27); 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);

Flat-Section/Front 10mm_2437MHz/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.115 mW/g
Flat-Section/Front 10mm_2437MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.690 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.237 mW/g
SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.059 mW/g
Maximum value of SAR (measured) = 0.148 mW/g
Flat-Section/Front 10mm_2437MHz/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.690 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.160 mW/g
SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.044 mW/g
Maximum value of SAR (measured) = 0.0993 mW/g



0 dB = 0.115 mW/g = -18.81 dB mW/g

Plot 113

Date/Time: 4/19/2013 10:46:06 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC245400138

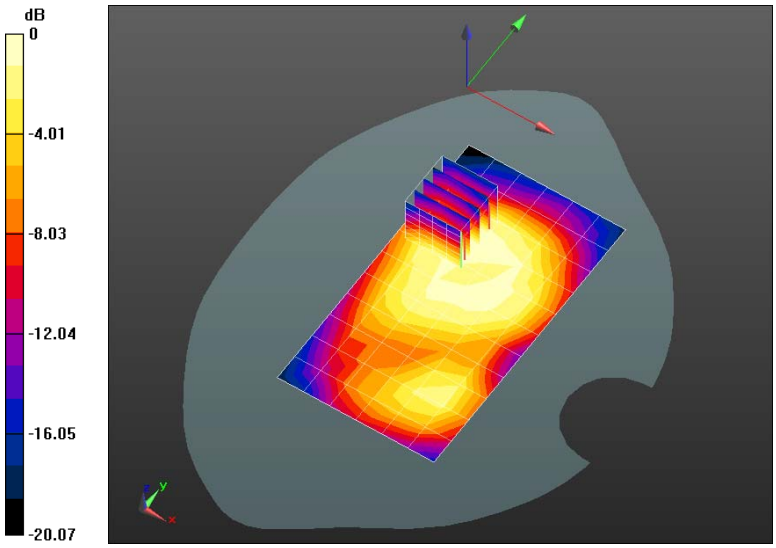
Communication System: 802.11bgn 100% Duty Cycle; Frequency: 2437 MHz
Medium: MSL2450_Batch 110530-1
Medium parameters used: f = 2437 MHz; σ = 1.887 mho/m; ε_r = 51.327; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 23.2C; Medium Temperature: 21C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.27, 4.27, 4.27); 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);

Flat-Section/Back 10mm_2437MHz/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.167 mW/g

Flat-Section/Back 10mm_2437MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.974 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.321 mW/g
SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.081 mW/g
Maximum value of SAR (measured) = 0.194 mW/g



0 dB = 0.167 mW/g = -15.52 dB mW/g

Plot 114

Date/Time: 4/19/2013 2:08:20 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC245400138

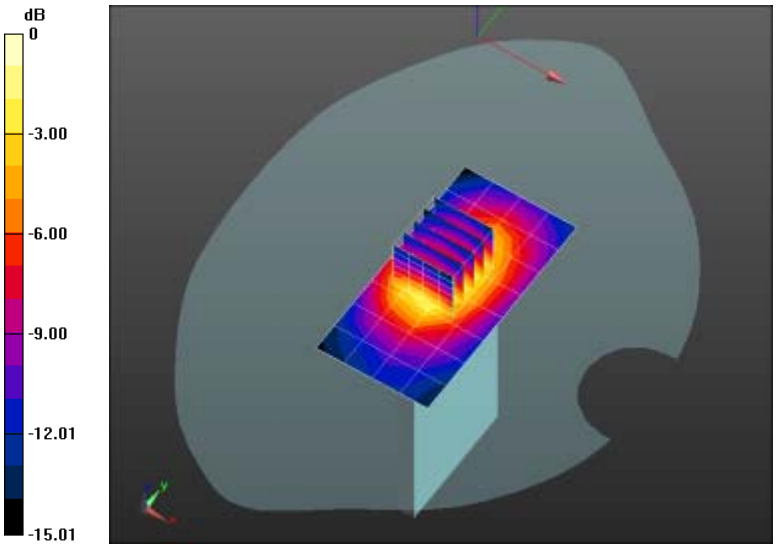
Communication System: 802.11bgn 100% Duty Cycle; Frequency: 2437 MHz
Medium: MSL2450_Batch 110530-1
Medium parameters used: f = 2437 MHz; σ = 1.938 mho/m; ε_r = 50.975; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 23.5C; Medium Temperature: 22.5C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.27, 4.27, 4.27); 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);

Flat-Section 2/Top 10mm_2437MHz/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.190 mW/g

Flat-Section 2/Top 10mm_2437MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.125 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.351 mW/g
SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.086 mW/g
Maximum value of SAR (measured) = 0.213 mW/g



0 dB = 0.190 mW/g = -14.41 dB mW/g

Plot 115

Date/Time: 4/19/2013 3:28:15 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

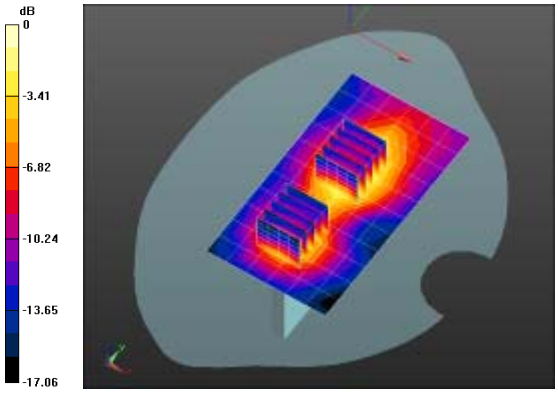
DUT: Intel Redhook; Type: phone; Serial: RHBEC245400138

Communication System: 802.11bgn 100% Duty Cycle; Frequency: 2437 MHz
Medium: MSL2450_Batch 110530-1
Medium parameters used: f = 2437 MHz; σ = 1.938 mho/m; ε_r = 50.975; 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: 22.6C; Medium Temperature: 22.5C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.27, 4.27, 4.27); 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);

Flat-Section 2/Right Edge 10mm_2437MHz 2/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.117 mW/g
Flat-Section 2/Right Edge 10mm_2437MHz 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.522 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.197 mW/g
SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.054 mW/g
Maximum value of SAR (measured) = 0.126 mW/g
Flat-Section 2/Right Edge 10mm_2437MHz 2/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.522 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.130 mW/g
SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.0805 mW/g



0 dB = 0.117 mW/g = -18.62 dB mW/g

Plot 116

Date/Time: 5/7/2013 3:38:54 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB245400138

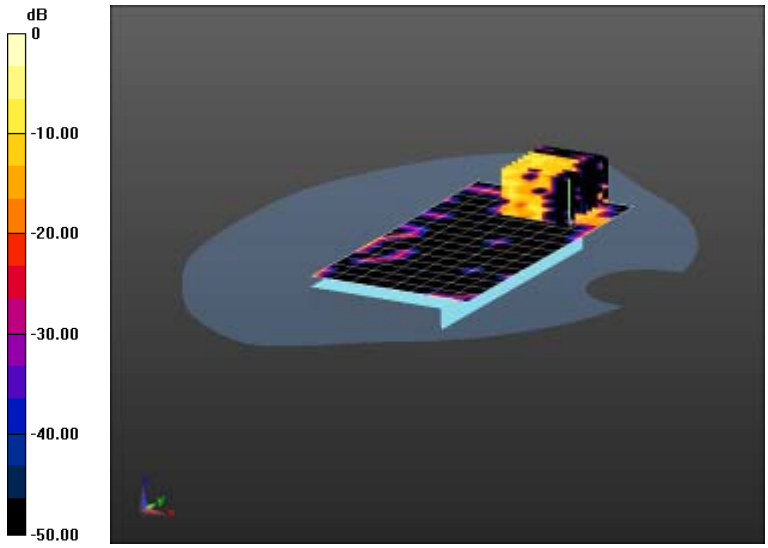
Communication System: 802.11an_100% Duty Cycle; Frequency: 5180 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5180 MHz; σ = 5.33 mho/m; ε_r = 48.519; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 23.6C; Medium Temperature: 22.8C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3786; ConvF(4.13, 4.13, 4.13); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat-Section/Front 10mm/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0587 mW/g

Flat-Section/Front 10mm/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 2.319 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.418 mW/g
SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.00868 mW/g
Maximum value of SAR (measured) = 0.0519 mW/g



0 dB = 0.0519 mW/g = -25.70 dB mW/g

Plot 117

Date/Time: 5/7/2013 4:33:49 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB245400138

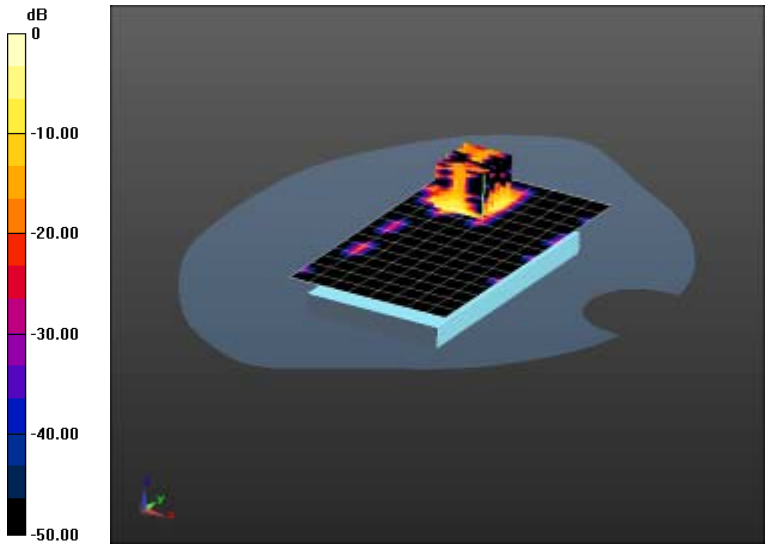
Communication System: 802.11an_100% Duty Cycle; Frequency: 5180 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5180 MHz; σ = 5.33 mho/m; ε_r = 48.519; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 23.6C; Medium Temperature: 22.8C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3786; ConvF(4.13, 4.13, 4.13); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat-Section/Back 10mm 2/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0846 mW/g

Flat-Section/Back 10mm 2/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 2.707 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.262 mW/g
SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.015 mW/g
Maximum value of SAR (measured) = 0.110 mW/g



0 dB = 0.110 mW/g = -19.17 dB mW/g

Plot 118

Date/Time: 5/8/2013 9:47:22 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB245400138

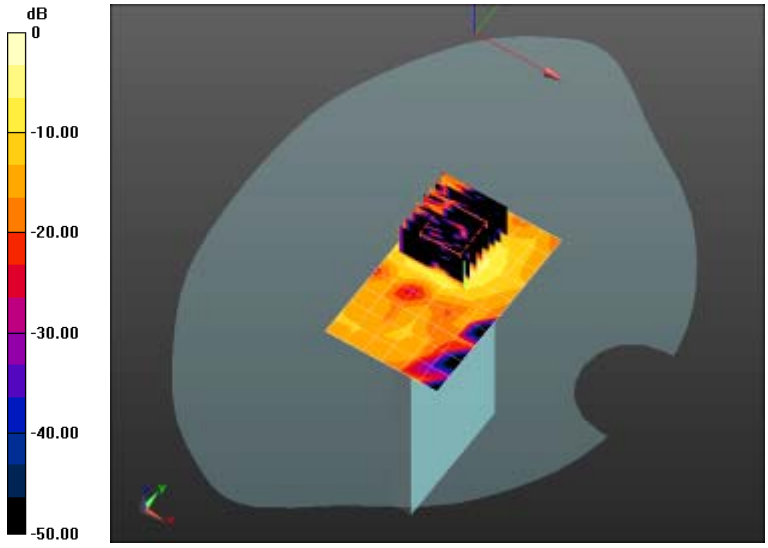
Communication System: 802.11an_100% Duty Cycle; Frequency: 5180 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5180 MHz; σ = 5.33 mho/m; ε_r = 48.519; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 23.6C; Medium Temperature: 22.8C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3786; ConvF(4.13, 4.13, 4.13); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat-Section/Top 10mm/Area Scan (7x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.135 mW/g

Flat-Section/Top 10mm/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 1.271 V/m; Power Drift = -0.21 dB
Peak SAR (extrapolated) = 0.394 mW/g
SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.022 mW/g
Maximum value of SAR (measured) = 0.179 mW/g



0 dB = 0.179 mW/g = -14.94 dB mW/g

Plot 119

Date/Time: 5/8/2013 11:26:04 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEB245400138

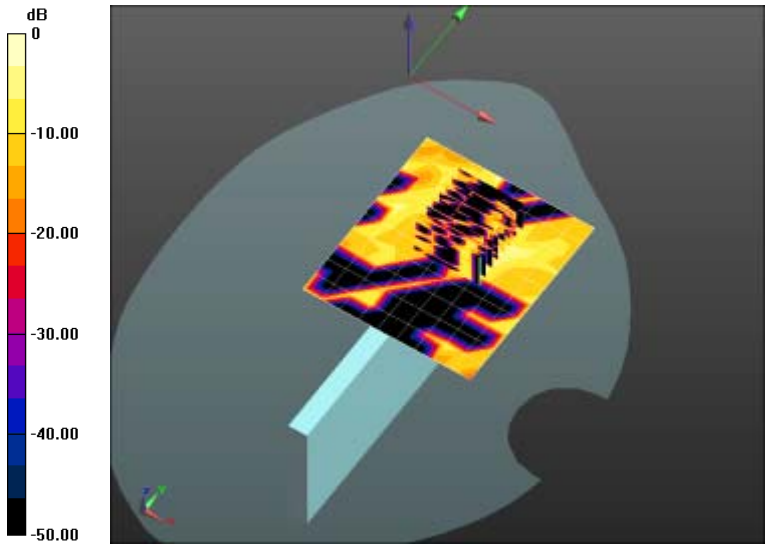
Communication System: 802.11an_100% Duty Cycle; Frequency: 5180 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5180 MHz; σ = 5.33 mho/m; ε_r = 48.519; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 23.6C; Medium Temperature: 22.8C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3786; ConvF(4.13, 4.13, 4.13); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

Flat-Section/Right Edge 10mm/Area Scan (10x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0377 mW/g

Flat-Section/Right Edge 10mm/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 1.196 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.164 mW/g
SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00296 mW/g
Maximum value of SAR (measured) = 0.0385 mW/g



0 dB = 0.0385 mW/g = -28.29 dB mW/g

Plot 120

Date/Time: 5/9/2013 9:34:30 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC244302182

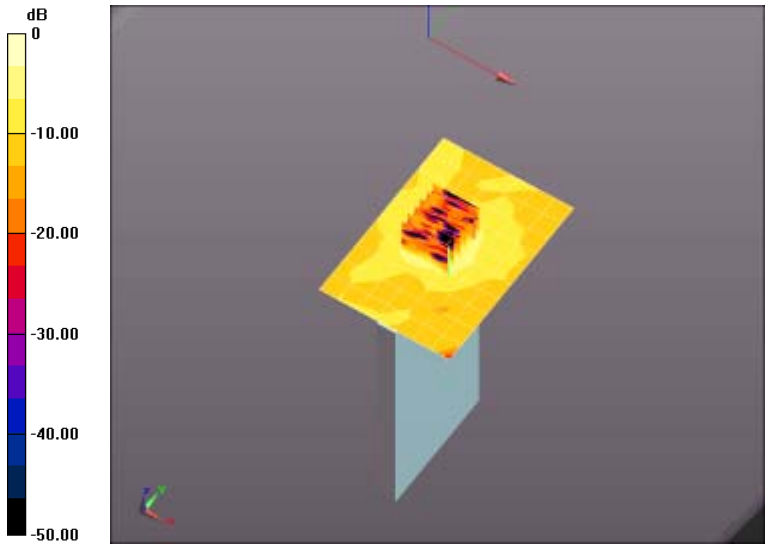
Communication System: 802.11an_100% Duty Cycle; Frequency: 5240 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5240 MHz; σ = 5.406 mho/m; ε_r = 50.386; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.1C; Medium Temperature: 22.4C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3786; ConvF(4.13, 4.13, 4.13); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section 2/Top 10mm_5240 MHz/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.203 mW/g

Flat-Section 2/Top 10mm_5240 MHz/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 5.277 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.382 mW/g
SAR(1 g) = 0.094 mW/g; SAR(10 g) = 0.032 mW/g
Maximum value of SAR (measured) = 0.189 mW/g



0 dB = 0.189 mW/g = -14.47 dB mW/g

Plot 121

Date/Time: 5/9/2013 10:40:17 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC244302182

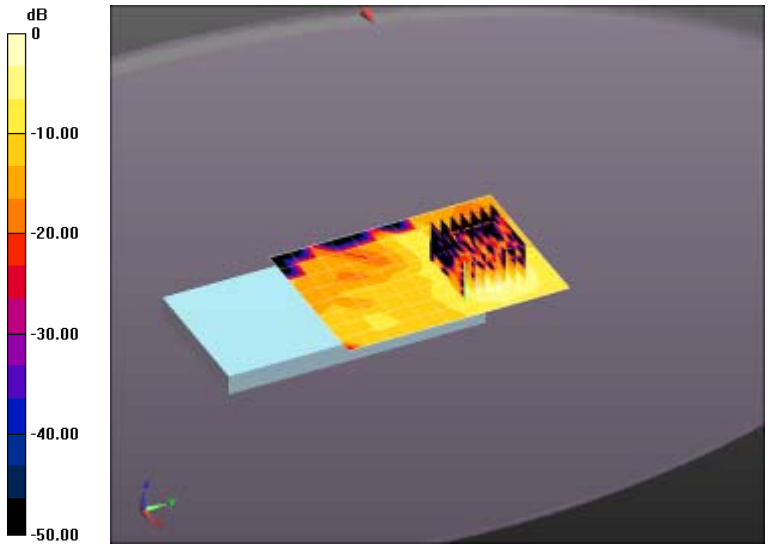
Communication System: 802.11an_100% Duty Cycle; Frequency: 5260 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5260 MHz; σ = 5.432 mho/m; ε_r = 50.371; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 21.1C; Medium Temperature: 22.8C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3786; ConvF(4.13, 4.13, 4.13); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section 2/Front 10mm/Area Scan (9x12x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.143 mW/g

Flat-Section 2/Front 10mm/Zoom Scan (8x7x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 4.117 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.366 mW/g
SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.029 mW/g
Maximum value of SAR (measured) = 0.158 mW/g



0 dB = 0.158 mW/g = -16.03 dB mW/g

Plot 122

Date/Time: 5/9/2013 11:35:11 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC244302182

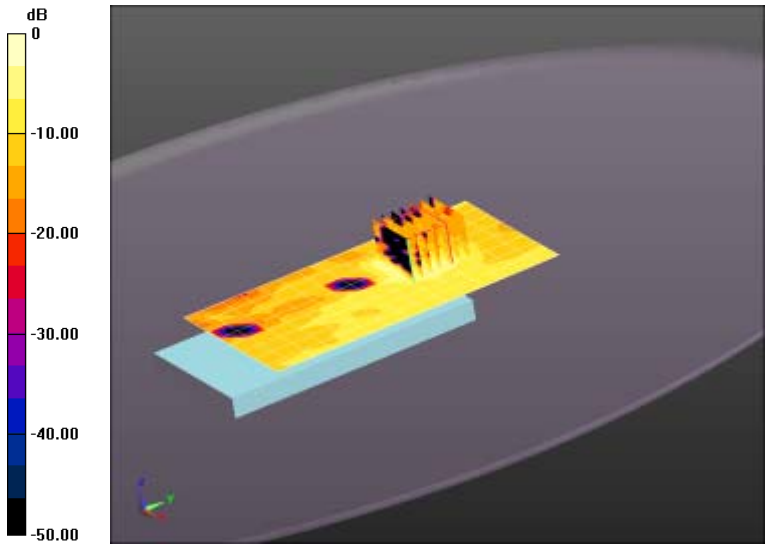
Communication System: 802.11an_100% Duty Cycle; Frequency: 5260 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5260 MHz; σ = 5.432 mho/m; ε_r = 50.371; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 21.1C; Medium Temperature: 22.8C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3786; ConvF(4.13, 4.13, 4.13); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section 2/Back 10mm/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.118 mW/g

Flat-Section 2/Back 10mm/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 3.364 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.520 mW/g
SAR(1 g) = 0.074 mW/g; SAR(10 g) = 0.025 mW/g
Maximum value of SAR (measured) = 0.147 mW/g



0 dB = 0.147 mW/g = -16.65 dB mW/g

Plot 123

Date/Time: 5/9/2013 12:21:55 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC244302182

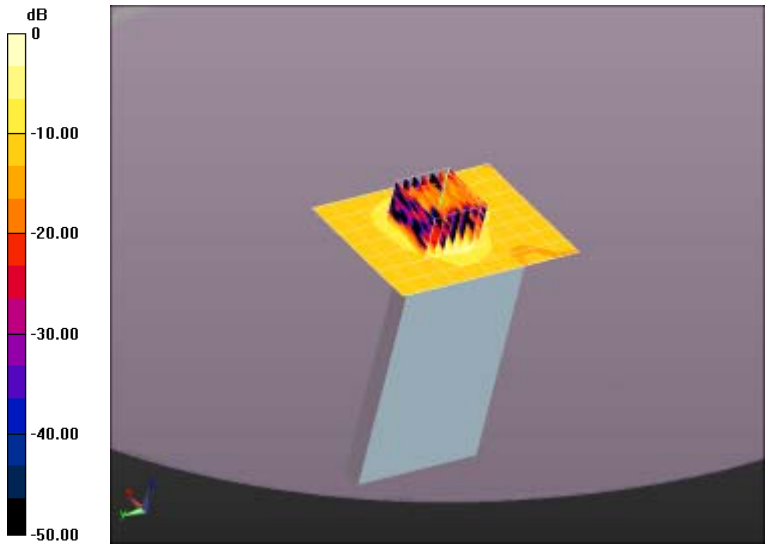
Communication System: 802.11an_100% Duty Cycle; Frequency: 5260 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5260 MHz; σ = 5.432 mho/m; ε_r = 50.371; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 21.2C; Medium Temperature: 22.8C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3786; ConvF(4.13, 4.13, 4.13); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section 2/Top 10mm/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.260 mW/g

Flat-Section 2/Top 10mm/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 2.827 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.638 mW/g
SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.056 mW/g
Maximum value of SAR (measured) = 0.317 mW/g



0 dB = 0.317 mW/g = -9.98 dB mW/g

Plot 124

Date/Time: 5/10/2013 11:23:18 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC244302182

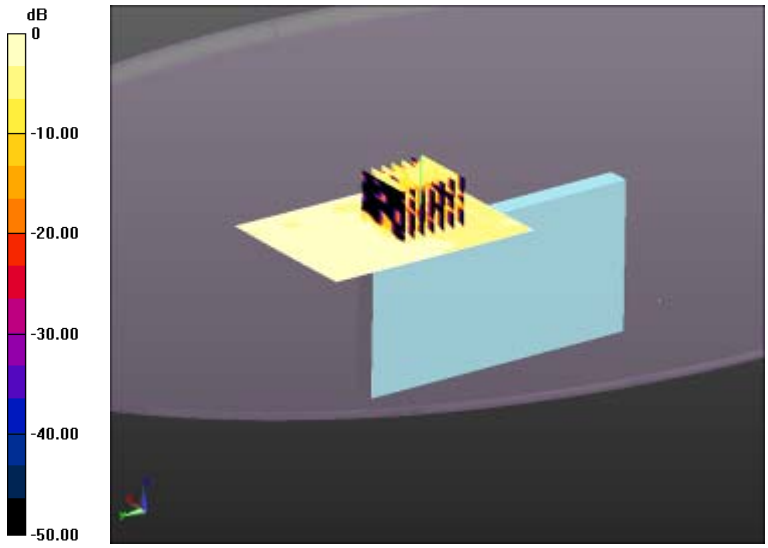
Communication System: 802.11an_100% Duty Cycle; Frequency: 5260 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5260 MHz; σ = 5.515 mho/m; ε_r = 50.623; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 20.6C; Medium Temperature: 22.3C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3786; ConvF(4.13, 4.13, 4.13); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section 3/Right Edge 10mm 3/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0212 mW/g

Flat-Section 3/Right Edge 10mm 3/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 0.960 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.171 mW/g
SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00521 mW/g
Maximum value of SAR (measured) = 0.0225 mW/g



0 dB = 0.0225 mW/g = -32.96 dB mW/g

Plot 125

Date/Time: 5/10/2013 2:33:25 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC244302182

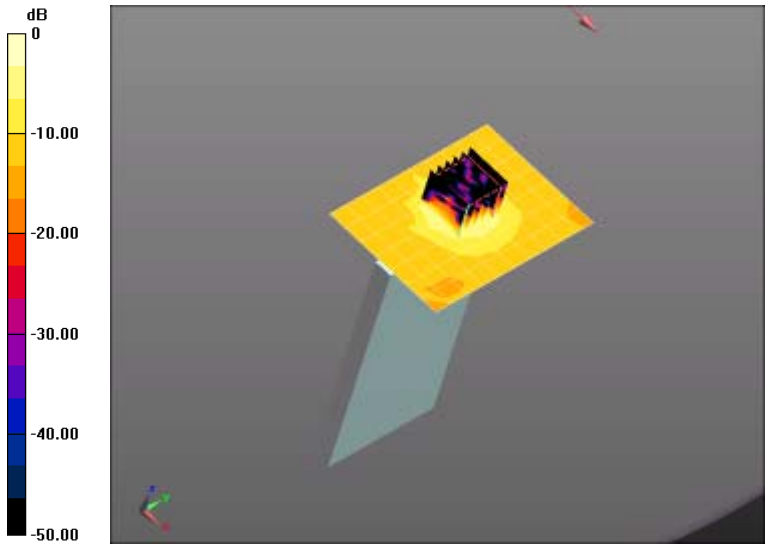
Communication System: 802.11an_100% Duty Cycle; Frequency: 5300 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5300 MHz; σ = 5.57 mho/m; ε_r = 50.597; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 21.8C; Medium Temperature: 22.3C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3786; ConvF(4.13, 4.13, 4.13); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section 3/Top 10mm_5300/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.332 mW/g

Flat-Section 3/Top 10mm_5300/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 3.334 V/m; Power Drift = -0.21 dB
Peak SAR (extrapolated) = 0.604 mW/g
SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.049 mW/g
Maximum value of SAR (measured) = 0.323 mW/g



0 dB = 0.323 mW/g = -9.82 dB mW/g

Plot 126

Date/Time: 5/10/2013 12:35:27 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC244302182

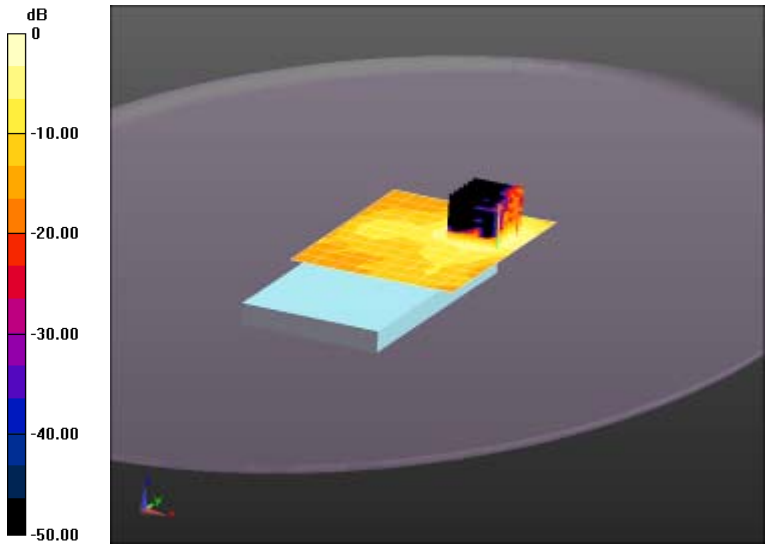
Communication System: 802.11an_100% Duty Cycle; Frequency: 5520 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5520 MHz; σ = 5.854 mho/m; ε_r = 50.246; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 22.2C; Medium Temperature: 22.3C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3786; ConvF(3.62, 3.62, 3.62); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section 3/Front 10mm/Area Scan (9x12x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.342 mW/g

Flat-Section 3/Front 10mm/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 4.556 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.687 mW/g
SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.061 mW/g
Maximum value of SAR (measured) = 0.347 mW/g



0 dB = 0.347 mW/g = -9.19 dB mW/g

Plot 127

Date/Time: 5/10/2013 1:07:00 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC244302182

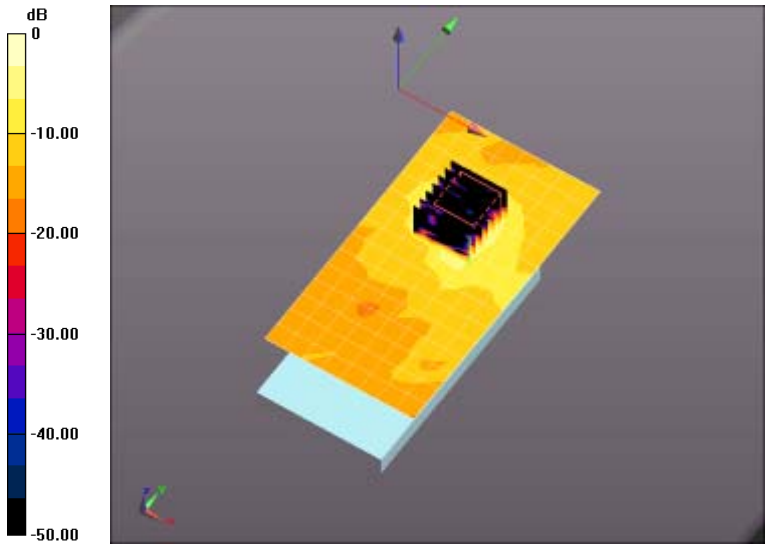
Communication System: 802.11an_100% Duty Cycle; Frequency: 5520 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5520 MHz; σ = 5.854 mho/m; ε_r = 50.246; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 21.8C; Medium Temperature: 22.3C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3786; ConvF(3.62, 3.62, 3.62); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section 3/Back 10mm/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.350 mW/g

Flat-Section 3/Back 10mm/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 5.328 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.739 mW/g
SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.052 mW/g
Maximum value of SAR (measured) = 0.367 mW/g



0 dB = 0.367 mW/g = -8.71 dB mW/g

Plot 128

Date/Time: 5/10/2013 3:08:27 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC244302182

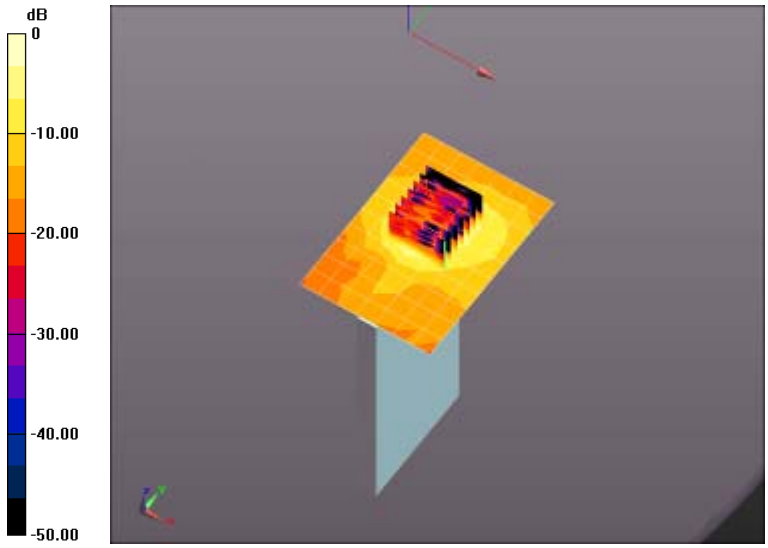
Communication System: 802.11an_100% Duty Cycle; Frequency: 5520 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5520 MHz; σ = 5.854 mho/m; ε_r = 50.246; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 22.2C; Medium Temperature: 22.3C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3786; ConvF(3.62, 3.62, 3.62); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section 3/Top 10mm/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.562 mW/g

Flat-Section 3/Top 10mm/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 3.075 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 1.436 mW/g
SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.108 mW/g
Maximum value of SAR (measured) = 0.650 mW/g



0 dB = 0.650 mW/g = -3.74 dB mW/g

Plot 129

Date/Time: 5/10/2013 3:44:53 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC244302182

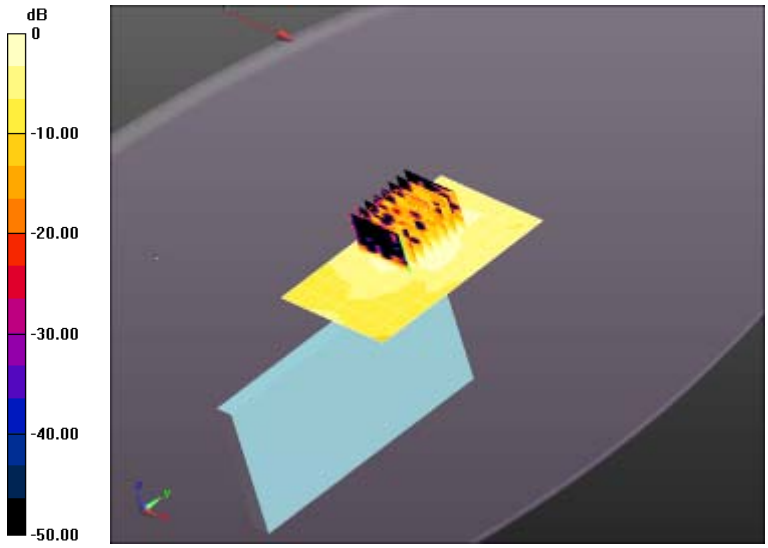
Communication System: 802.11an_100% Duty Cycle; Frequency: 5520 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5520 MHz; σ = 5.854 mho/m; ε_r = 50.246; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 21.1C; Medium Temperature: 22.3C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3786; ConvF(3.62, 3.62, 3.62); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

Flat-Section 3/Right Edge 10mm 2/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.108 mW/g

Flat-Section 3/Right Edge 10mm 2/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 3.179 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.638 mW/g
SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.022 mW/g
Maximum value of SAR (measured) = 0.102 mW/g



0 dB = 0.102 mW/g = -19.83 dB mW/g

Plot 130

Date/Time: 5/13/2013 3:07:55 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC244302182

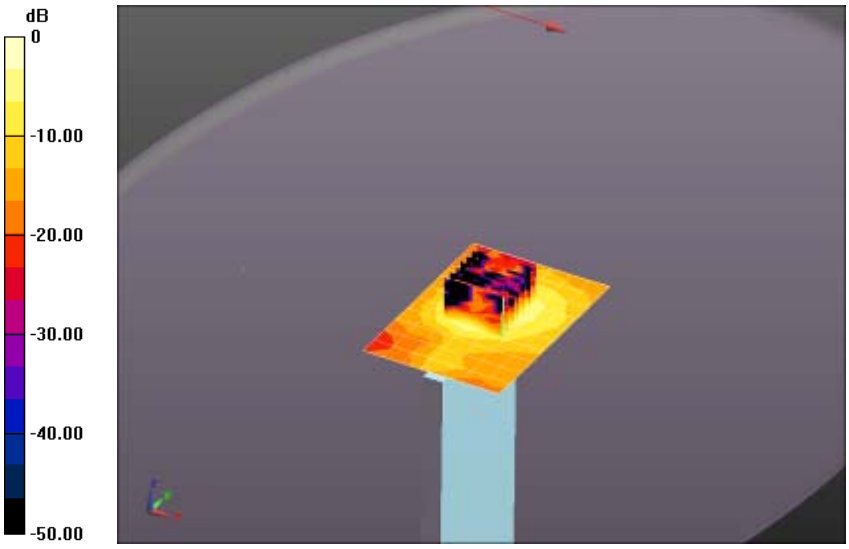
Communication System: 802.11an_100% Duty Cycle; Frequency: 5580 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5580 MHz; σ = 5.916 mho/m; ε_r = 47.446; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Nalini; Air Temperature: 22.0C; Medium Temperature: 21.5C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3786; ConvF(3.62, 3.62, 3.62); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section 4/Top 10mm_5580/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.439 mW/g

Flat-Section 4/Top 10mm_5580/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 3.017 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.903 mW/g
SAR(1 g) = 0.235 mW/g; SAR(10 g) = 0.079 mW/g
Maximum value of SAR (measured) = 0.471 mW/g



0 dB = 0.471 mW/g = -6.54 dB mW/g

Plot 131

Date/Time: 5/13/2013 4:36:55 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC244302182

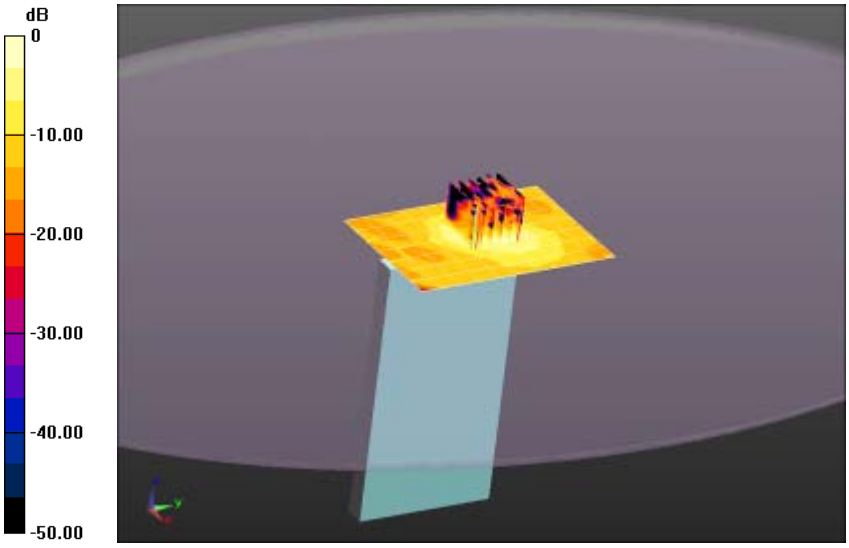
Communication System: 802.11an_100% Duty Cycle; Frequency: 5700 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5700 MHz; σ = 6.084 mho/m; ε_r = 47.256; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician:Nalini; Air Temperature: 22.0 C; Medium Temperature: 21.5C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3786; ConvF(3.82, 3.82, 3.82); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section 4/Top 10mm_5700/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.231 mW/g

Flat-Section 4/Top 10mm_5700/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 2.307 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.434 mW/g
SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.035 mW/g
Maximum value of SAR (measured) = 0.226 mW/g



0 dB = 0.226 mW/g = -12.92 dB mW/g

Plot 132

Date/Time: 5/14/2013 10:16:29 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC244302182

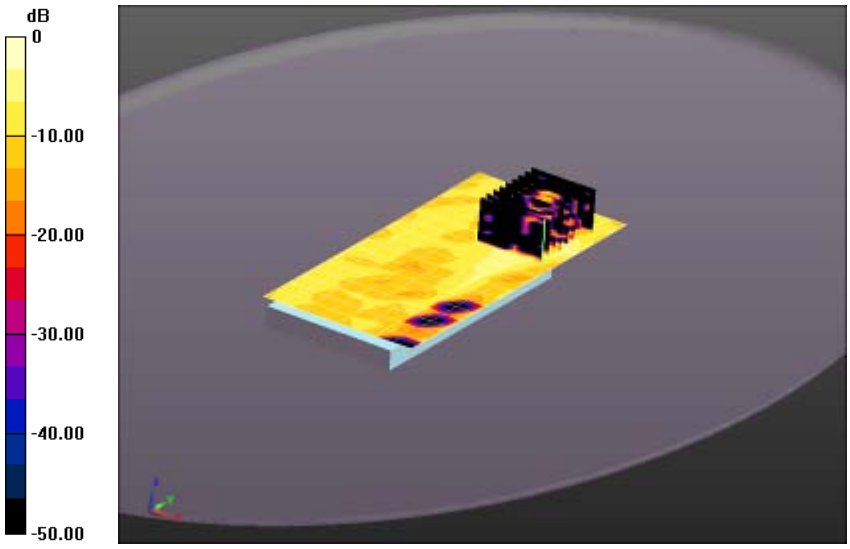
Communication System: 802.11an_100% Duty Cycle; Frequency: 5745 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5745 MHz; σ = 6.149 mho/m; ε_r = 47.09; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.4C; Medium Temperature: 21.3C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3786; ConvF(3.82, 3.82, 3.82); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section 4/Front 10mm_5745MHz/Area Scan (9x18x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0678 mW/g

Flat-Section 4/Front 10mm_5745MHz/Zoom Scan (8x9x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 2.284 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.549 mW/g
SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.019 mW/g
Maximum value of SAR (measured) = 0.0807 mW/g



0 dB = 0.0807 mW/g = -21.86 dB mW/g

Plot 133

Date/Time: 5/14/2013 11:14:47 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC244302182

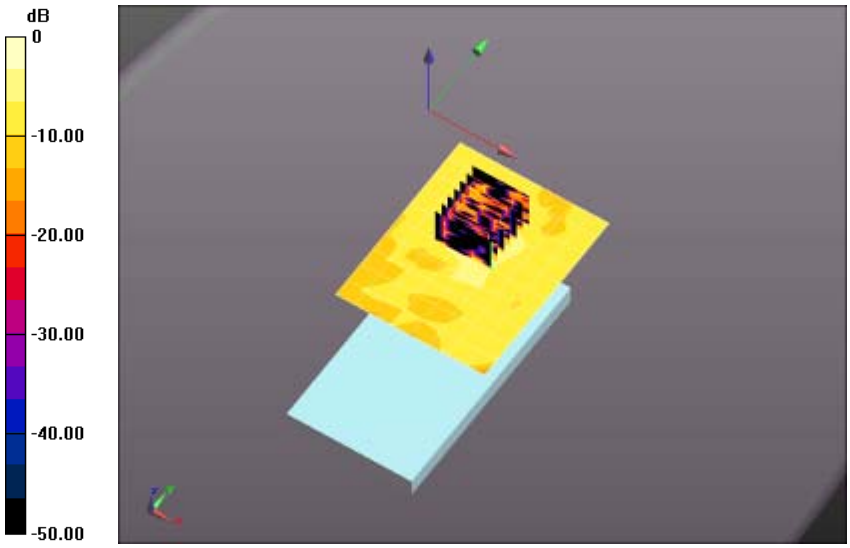
Communication System: 802.11an_100% Duty Cycle; Frequency: 5745 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5745 MHz; σ = 6.149 mho/m; ε_r = 47.09; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 20.4C; Medium Temperature: 21.3C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3786; ConvF(3.82, 3.82, 3.82); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section 4/Back 10mm_5745MHz/Area Scan (9x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.147 mW/g

Flat-Section 4/Back 10mm_5745MHz/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 3.189 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.385 mW/g
SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.019 mW/g
Maximum value of SAR (measured) = 0.137 mW/g



0 dB = 0.137 mW/g = -17.27 dB mW/g

Plot 134

Date/Time: 5/15/2013 11:36:57 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC244302182

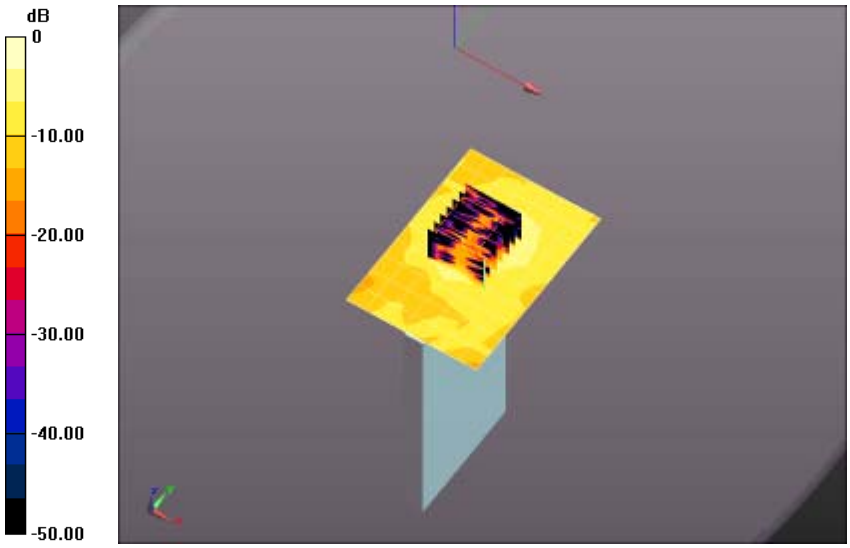
Communication System: 802.11an_100% Duty Cycle; Frequency: 5745 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5745 MHz; σ = 6.118 mho/m; ε_r = 47.941; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 22.3 C; Medium Temperature: 21C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3786; ConvF(3.82, 3.82, 3.82); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section 5/Top 10mm_5745MHz/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.192 mW/g

Flat-Section 5/Top 10mm_5745MHz/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 1.565 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.644 mW/g
SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.028 mW/g
Maximum value of SAR (measured) = 0.169 mW/g



0 dB = 0.169 mW/g = -15.44 dB mW/g

Plot 135

Date/Time: 5/15/2013 10:59:22 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC244302182

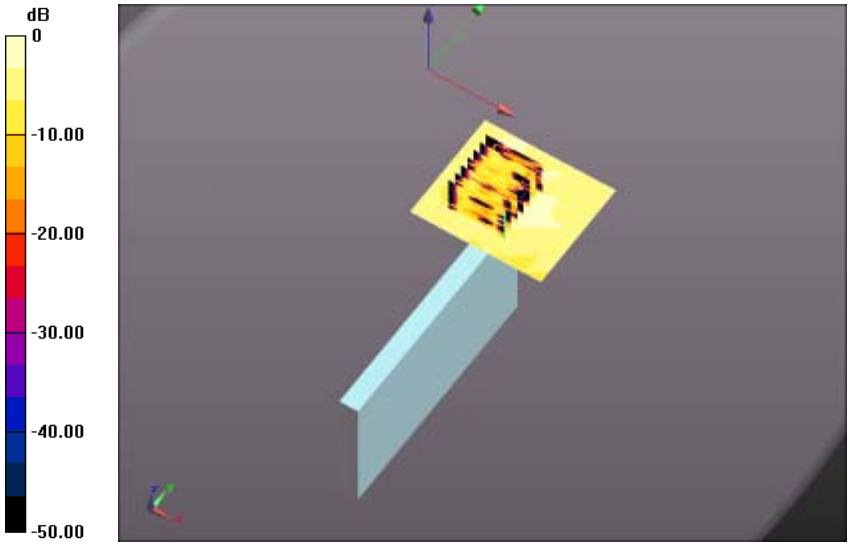
Communication System: 802.11an_100% Duty Cycle; Frequency: 5745 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5745 MHz; σ = 6.118 mho/m; ε_r = 47.941; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.7C; Medium Temperature: 21C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3786; ConvF(3.82, 3.82, 3.82); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section 5/Right Edge 10mm_5745MHz/Area Scan (8x7x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0385 mW/g

Flat-Section 5/Right Edge 10mm_5745MHz/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 1.828 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.324 mW/g
SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.00967 mW/g
Maximum value of SAR (measured) = 0.0427 mW/g



0 dB = 0.0427 mW/g = -27.39 dB mW/g

Plot 136

Date/Time: 5/15/2013 1:04:17 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Intel Redhook; Type: phone; Serial: RHBEC244302182

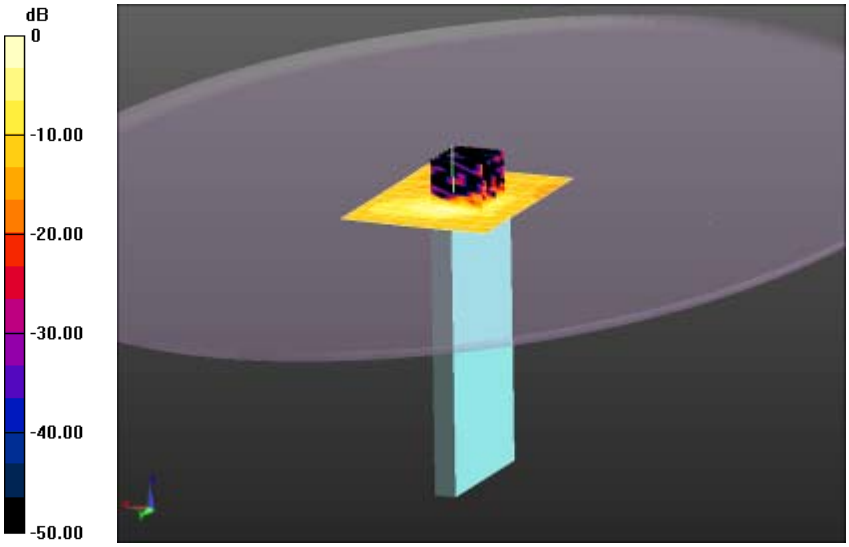
Communication System: 802.11an_100% Duty Cycle; Frequency: 5805 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5805 MHz; σ = 6.201 mho/m; ε_r = 47.844; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 22.8C; Medium Temperature: 21C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3786; ConvF(3.82, 3.82, 3.82); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat-Section 5/Top 10mm_5805MHz/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.177 mW/g

Flat-Section 5/Top 10mm_5805MHz/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 1.498 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.534 mW/g
SAR(1 g) = 0.074 mW/g; SAR(10 g) = 0.026 mW/g
Maximum value of SAR (measured) = 0.169 mW/g



0 dB = 0.169 mW/g = -15.44 dB mW/g

Plot 137

Date/Time: 4/10/2013 9:24:06 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 835 MHz - D835V2 - SN4d113; Type: D835V2; Serial: D835V2 - SN:4d113

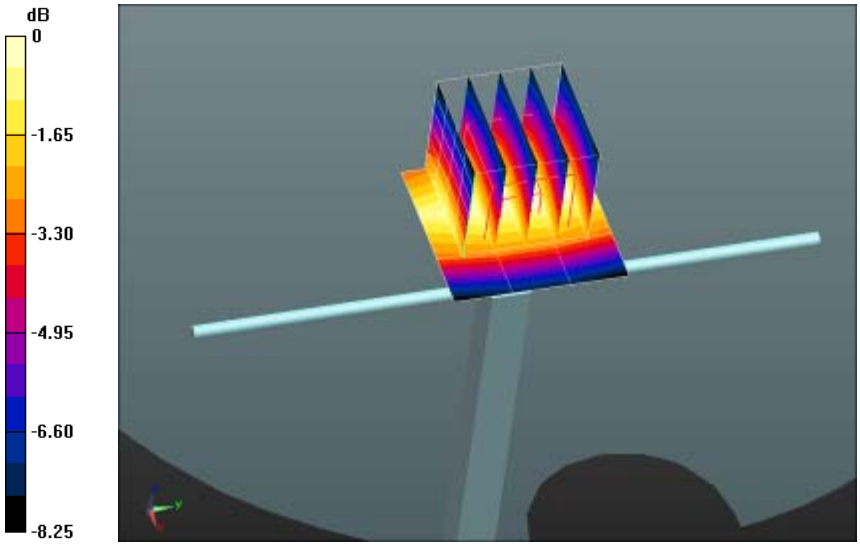
Communication System: CW; Frequency: 835 MHz
Medium: HSL900_Batch 100922-1
Medium parameters used: f = 835 MHz; σ = 0.897 mho/m; ε_r = 40.238; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 22.1C; Medium Temperature: 21.2C;
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);

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 10.5 mW/g

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 102.6 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 13.451 mW/g
SAR(1 g) = 9.12 mW/g; SAR(10 g) = 5.99 mW/g
Maximum value of SAR (measured) = 10.7 mW/g



0 dB = 10.5 mW/g = 20.40 dB mW/g

Plot 138

Date/Time: 4/18/2013 12:06:39 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: Dipole 835 MHz - D835V2 - SN4d113; Type: D835V2; Serial: D835V2 - SN:4d113

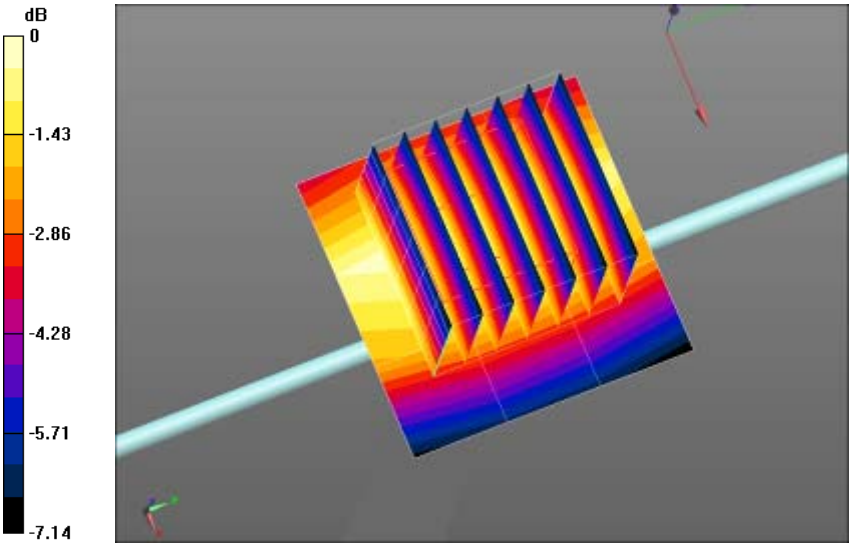
Communication System: CW; Frequency: 835 MHz
Medium: HSL900_Batch 100922-1
Medium parameters used: f = 835 MHz; σ = 0.931 mho/m; ε_r = 42.933; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: ; Air Temperature: ; Medium Temperature: ; 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);

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 11.5 mW/g

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 111.9 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 15.293 mW/g
SAR(1 g) = 10.1 mW/g; SAR(10 g) = 6.62 mW/g
Maximum value of SAR (measured) = 11.8 mW/g



0 dB = 11.5 mW/g = 21.19 dB mW/g

Plot 139

Date/Time: 4/19/2013 2:30:52 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: Dipole 835 MHz - D835V2 - SN4d113; Type: D835V2; Serial: D835V2 - SN:4d113

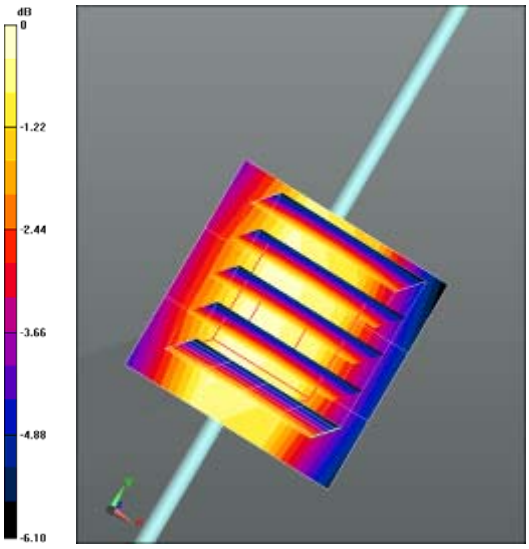
Communication System: CW; Frequency: 835 MHz
Medium: HSL900_Batch 100922-1
Medium parameters used: f = 835 MHz; σ = 0.903 mho/m; ε_r = 41.617; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: ; Air Temperature: ; Medium Temperature: ; 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);

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 10.3 mW/g

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 112.3 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 14.273 mW/g
SAR(1 g) = 9.47 mW/g; SAR(10 g) = 6.21 mW/g
Maximum value of SAR (measured) = 11.0 mW/g



0 dB = 10.3 mW/g = 20.22 dB mW/g

Plot 140

Date/Time: 7/11/2013 11:01:53 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 835 MHz - D835V2 - SN4d113; Type: D835V2; Serial: D835V2 - SN:4d113

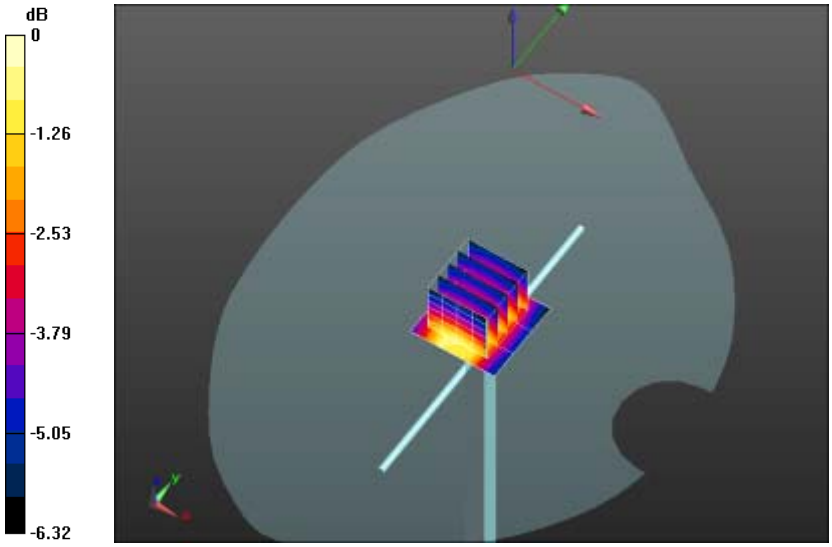
Communication System: CW; Frequency: 835 MHz
Medium: HSL900_Batch 110607-1
Medium parameters used (interpolated): f = 835 MHz; σ = 0.904 mho/m; ε_r = 41.042; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician:Nalini ; Air Temperature:22.4C ; Medium Temperature:21.1C ;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(6.27, 6.27, 6.27); Calibrated: 6/5/2013;
- 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);

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 10.7 mW/g

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 114.7 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 14.458 mW/g
SAR(1 g) = 9.79 mW/g; SAR(10 g) = 6.44 mW/g
Maximum value of SAR (measured) = 11.4 mW/g



0 dB = 10.7 mW/g = 20.61 dB mW/g

Plot 141

Date/Time: 5/13/2013 2:57:17 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: Dipole 1750 MHz - D1750V2 - SN1045; Type: D1750V2; Serial: D1750V2 - SN:1045

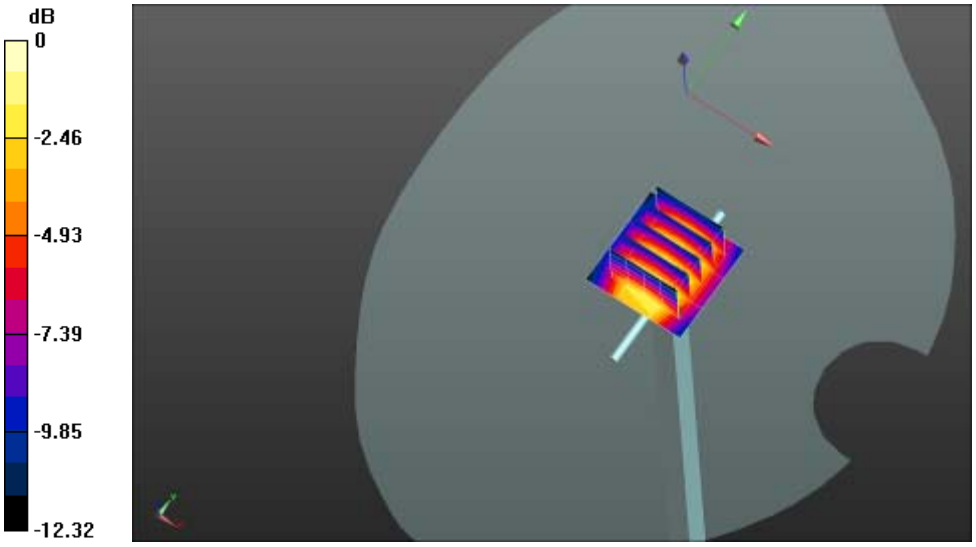
Communication System: CW; Frequency: 1750 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used: f = 1750 MHz; σ = 1.384 mho/m; ε_r = 39.586; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: John; Air Temperature: 23.3C; Medium Temperature: 22.3C ;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.66, 5.66, 5.66); 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);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe 2/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 30.7 mW/g

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe 2/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 181.5 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 58.954 mW/g
SAR(1 g) = 33.6 mW/g; SAR(10 g) = 18 mW/g
Maximum value of SAR (measured) = 42.6 mW/g



0 dB = 30.7 mW/g = 29.75 dB mW/g

Plot 142

Date/Time: 7/19/2013 1:01:22 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 1750 MHz - D1750V2 - SN1045; Type: D1750V2; Serial: D1750V2 - SN:1045

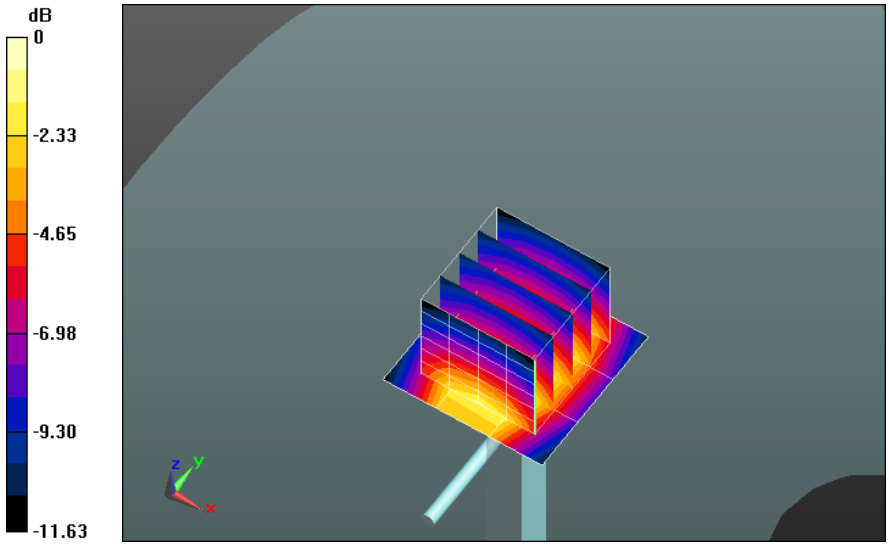
Communication System: CW; Frequency: 1750 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used: f = 1750 MHz; σ = 1.378 mho/m; ε_r = 38.24; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician:Nalini ; Air Temperature:22.7C ; Medium Temperature:21.5C ;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(5.32, 5.32, 5.32); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 28.8 mW/g

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 180.7 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 60.511 mW/g
SAR(1 g) = 33.4 mW/g; SAR(10 g) = 17.7 mW/g
Maximum value of SAR (measured) = 42.5 mW/g



0 dB = 28.8 mW/g = 29.20 dB mW/g

Plot 143

Date/Time: 4/8/2013 9:44:39 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 1900 MHz - D1900V2 - SN5d135; Type: D1900V2; Serial: D1900V2 - SN:5d135

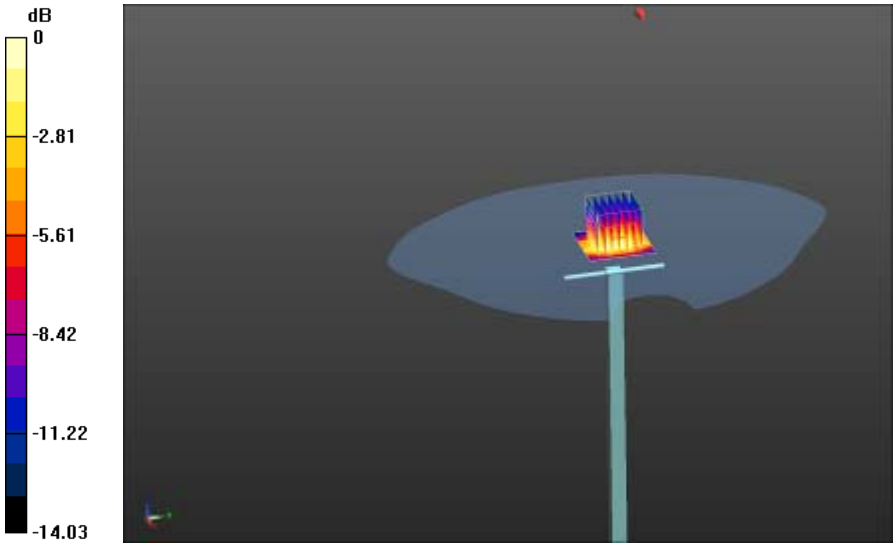
Communication System: CW; Frequency: 1900 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1900 MHz; σ = 1.463 mho/m; ε_r = 38.686; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes:

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);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 37.5 mW/g

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 188.2 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 71.081 mW/g
SAR(1 g) = 38.7 mW/g; SAR(10 g) = 20.2 mW/g
Maximum value of SAR (measured) = 49.1 mW/g



0 dB = 37.5 mW/g = 31.48 dB mW/g

Plot 144

Date/Time: 7/17/2013 10:35:47 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 1900 MHz - D1900V2 - SN5d135; Type: D1900V2; Serial: D1900V2 - SN:5d135

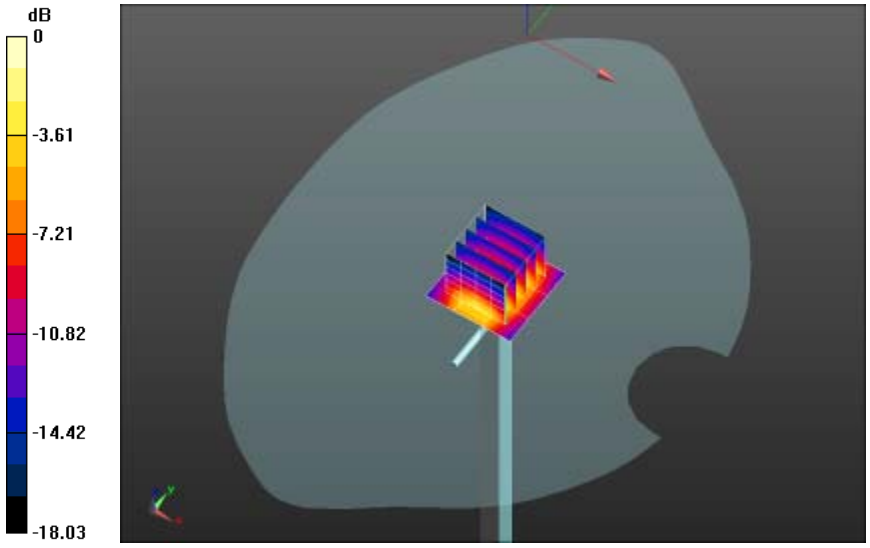
Communication System: CW; Frequency: 1900 MHz
Medium: HSL1900_Batch 110615-3
Medium parameters used: f = 1900 MHz; σ = 1.446 mho/m; ε_r = 38.121; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes:

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 Sn1265; Calibrated: 6/11/2013
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 33.3 mW/g

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 192.2 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 71.215 mW/g
SAR(1 g) = 39.3 mW/g; SAR(10 g) = 20.4 mW/g
Maximum value of SAR (measured) = 49.8 mW/g



0 dB = 49.8 mW/g = 33.94 dB mW/g

Plot 145

Date/Time: 4/18/2013 3:14:01 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 2450 MHz - D2450V2 - SN859; Type: D2450V2; Serial: D2450V2 - SN:859

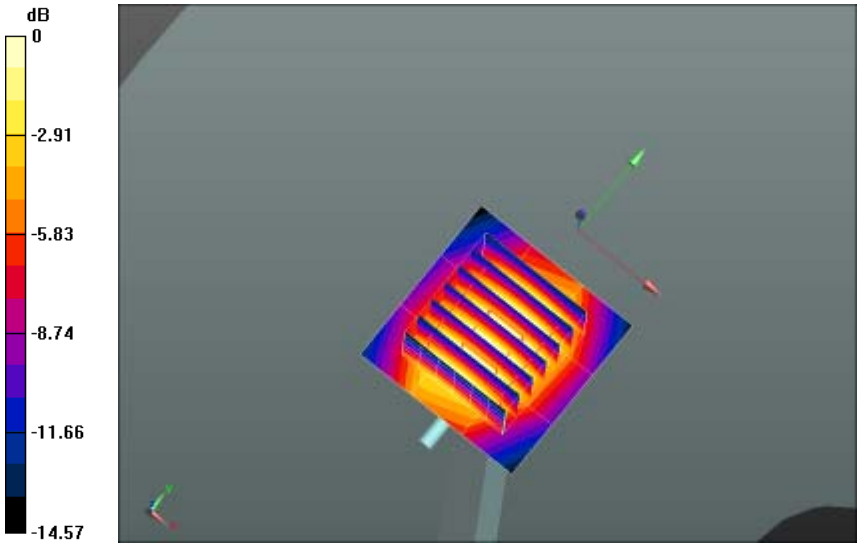
Communication System: CW; Frequency: 2450 MHz
Medium: HSL2450_Batch 110615-2
Medium parameters used: f = 2450 MHz; σ = 1.873 mho/m; ε_r = 37.616; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes:

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.48, 4.48, 4.48); 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);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 41.8 mW/g

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 197.3 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 102.7 mW/g
SAR(1 g) = 50.1 mW/g; SAR(10 g) = 23.2 mW/g
Maximum value of SAR (measured) = 66.4 mW/g



0 dB = 41.8 mW/g = 32.43 dB mW/g

Plot 146

Date/Time: 5/7/2013 1:35:49 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 5000 MHz - D5GHzV2 - SN1096; Type: D5GHzV2; Serial: D5GHzV2 - SN:1096

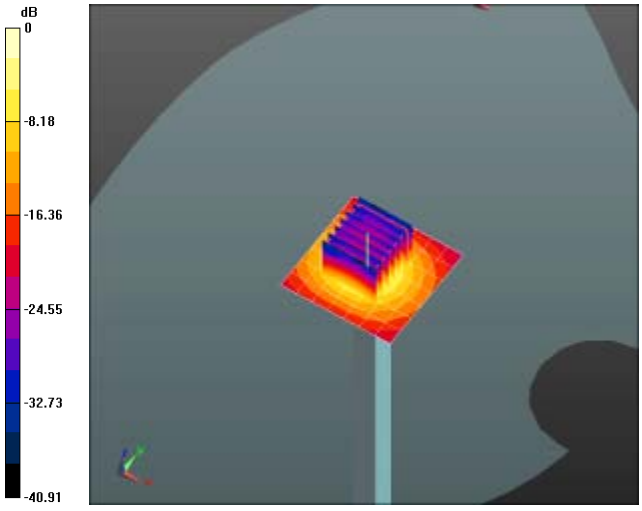
Communication System: CW-5GHz; Frequency: 5200 MHz
Medium: HSL 501_Batch 100901-1
Medium parameters used: f = 5200 MHz; σ = 4.762 mho/m; ε_r = 36.19; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 22.4C; Medium Temperature: 21.6C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(5.21, 5.21, 5.21);
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 22.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Area Scan (8x8x1): Measurement grid: dx=7mm, dy=7mm
Maximum value of SAR (measured) = 13.729 mW/g

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Zoom Scan (4x4x2.5mm), dist=2mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 57.062 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 30.7490
SAR(1 g) = 7.4 mW/g; SAR(10 g) = 2.13 mW/g
Maximum value of SAR (measured) = 15.308 mW/g



0 dB = 15.310mW/g = 23.70 dB mW/g

Plot 147

Date/Time: 5/8/2013 2:58:13 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 5000 MHz - D5GHzV2 - SN1096; Type: D5GHzV2; Serial: D5GHzV2 - SN:1096

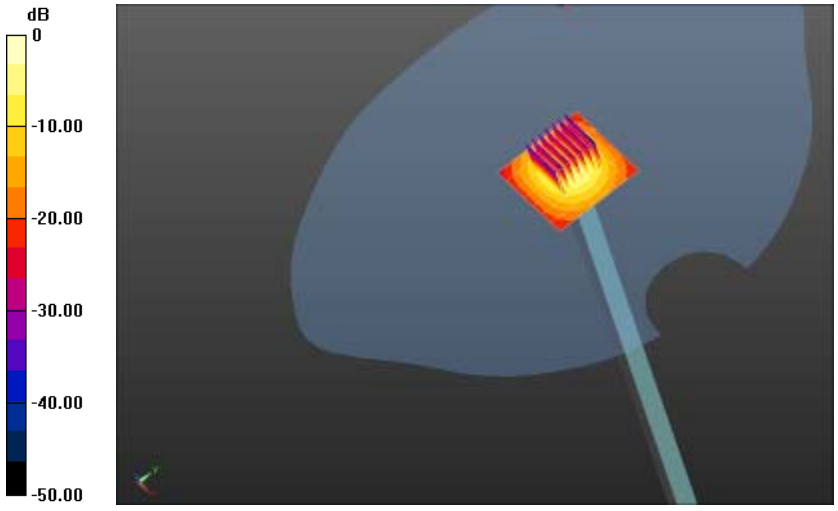
Communication System: CW-5GHz; Frequency: 5800 MHz
Medium: HSL 501_Batch 100901-1
Medium parameters used: f = 5800 MHz; σ = 5.193 mho/m; ε_r = 35.087; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: kathy; Air Temperature: 22C; Medium Temperature: 21.3C; Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.43, 4.43, 4.43); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 22.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5800 MHz/Area Scan (8x8x1): Measurement grid: dx=7mm, dy=7mm
Maximum value of SAR (measured) = 15.2 mW/g

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5800 MHz/Zoom Scan (4x4x2.5mm), dist=2mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 57.577 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 32.281 mW/g
SAR(1 g) = 7.77 mW/g; SAR(10 g) = 2.22 mW/g
Maximum value of SAR (measured) = 16.5 mW/g



0 dB = 16.5 mW/g = 24.35 dB mW/g

Plot 148

Date/Time: 5/10/2013 10:23:58 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 5000 MHz - D5GHzV2 - SN1096; Type: D5GHzV2; Serial: D5GHzV2 - SN:1096

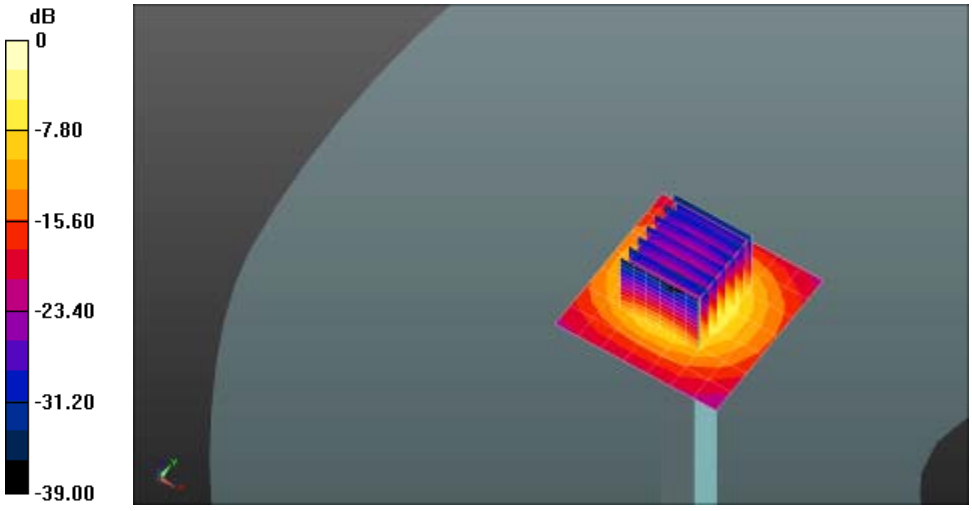
Communication System: CW-5GHz; Frequency: 5200 MHz
Medium: HSL 501_Batch 100901-1
Medium parameters used: f = 5200 MHz; σ = 4.603 mho/m; ε_r = 35.693; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 22.0C; Medium Temperature: 21.3C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(5.21, 5.21, 5.21); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 22.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Area Scan (8x8x1): Measurement grid: dx=7mm, dy=7mm
Maximum value of SAR (measured) = 13.9 mW/g

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Zoom Scan (4x4x2.5mm), dist=2mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 59.964 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 31.377 mW/g
SAR(1 g) = 7.52 mW/g; SAR(10 g) = 2.16 mW/g
Maximum value of SAR (measured) = 15.6 mW/g



0 dB = 15.6 mW/g = 23.86 dB mW/g

Plot 149

Date/Time: 5/10/2013 11:13:17 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 5000 MHz - D5GHzV2 - SN1096; Type: D5GHzV2; Serial: D5GHzV2 - SN:1096

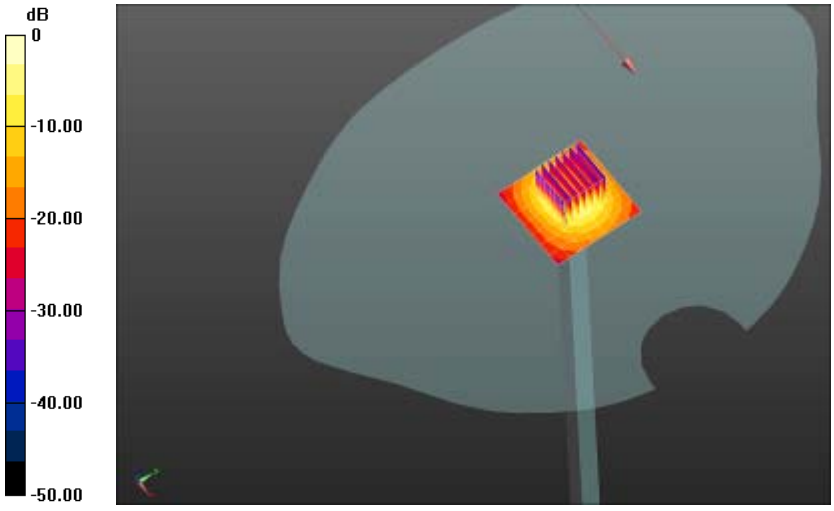
Communication System: CW-5GHz; Frequency: 5800 MHz
Medium: HSL 501_Batch 100901-1
Medium parameters used: f = 5800 MHz; σ = 5.19 mho/m; ε_r = 34.828; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 23.3C; Medium Temperature: 21.3C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.43, 4.43, 4.43); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 22.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5800 MHz/Area Scan (8x8x1): Measurement grid: dx=7mm, dy=7mm
Maximum value of SAR (measured) = 15.5 mW/g

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5800 MHz/Zoom Scan (4x4x2.5mm), dist=2mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 55.598 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 31.924 mW/g
SAR(1 g) = 7.54 mW/g; SAR(10 g) = 2.15 mW/g
Maximum value of SAR (measured) = 15.7 mW/g



0 dB = 15.7 mW/g = 23.92 dB mW/g

Plot 150

Date/Time: 5/13/2013 9:33:27 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 5000 MHz - D5GHzV2 - SN1096; Type: D5GHzV2; Serial: D5GHzV2 - SN:1096

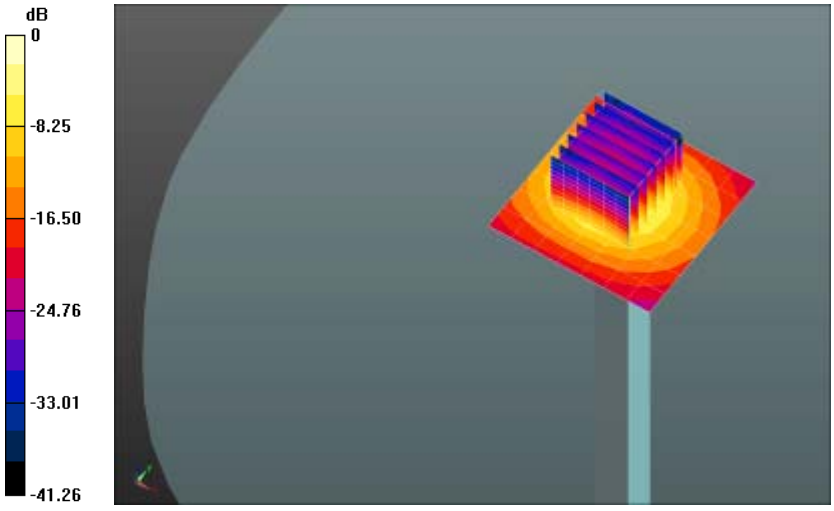
Communication System: CW-5GHz; Frequency: 5200 MHz
Medium: HSL 501_Batch 100901-1
Medium parameters used: f = 5200 MHz; σ = 4.635 mho/m; ε_r = 35.169; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 22.2C; Medium Temperature: 21.5C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(5.21, 5.21, 5.21); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 22.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Area Scan (8x8x1): Measurement grid: dx=7mm, dy=7mm
Maximum value of SAR (measured) = 14.3 mW/g

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Zoom Scan (4x4x2.5mm), dist=2mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 57.151 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 30.119 mW/g
SAR(1 g) = 7.28 mW/g; SAR(10 g) = 2.1 mW/g
Maximum value of SAR (measured) = 15.0 mW/g



0 dB = 15.0 mW/g = 23.52 dB mW/g

Plot 151

Date/Time: 5/13/2013 10:07:00 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 5000 MHz - D5GHzV2 - SN1096; Type: D5GHzV2; Serial: D5GHzV2 - SN:1096

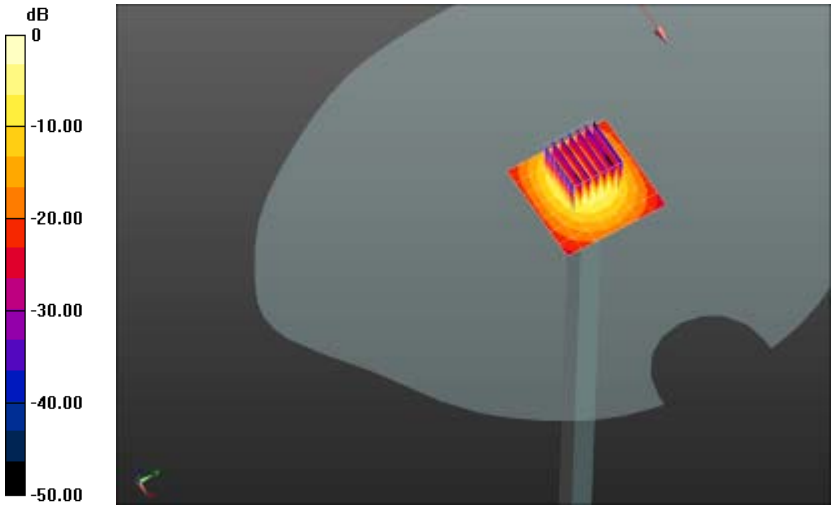
Communication System: CW-5GHz; Frequency: 5800 MHz
Medium: HSL 501_Batch 100901-1
Medium parameters used: f = 5800 MHz; σ = 5.258 mho/m; ε_r = 34.357; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 23.3C; Medium Temperature: 21.3C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.43, 4.43, 4.43); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 22.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5800 MHz/Area Scan (8x8x1): Measurement grid: dx=7mm, dy=7mm
Maximum value of SAR (measured) = 15.3 mW/g

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5800 MHz/Zoom Scan (4x4x2.5mm), dist=2mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 54.839 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 35.147 mW/g
SAR(1 g) = 8.17 mW/g; SAR(10 g) = 2.33 mW/g
Maximum value of SAR (measured) = 17.4 mW/g



0 dB = 17.4 mW/g = 24.81 dB mW/g

Plot 152

Date/Time: 5/14/2013 11:40:24 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 5000 MHz - D5GHzV2 - SN1096; Type: D5GHzV2; Serial: D5GHzV2 - SN:1096

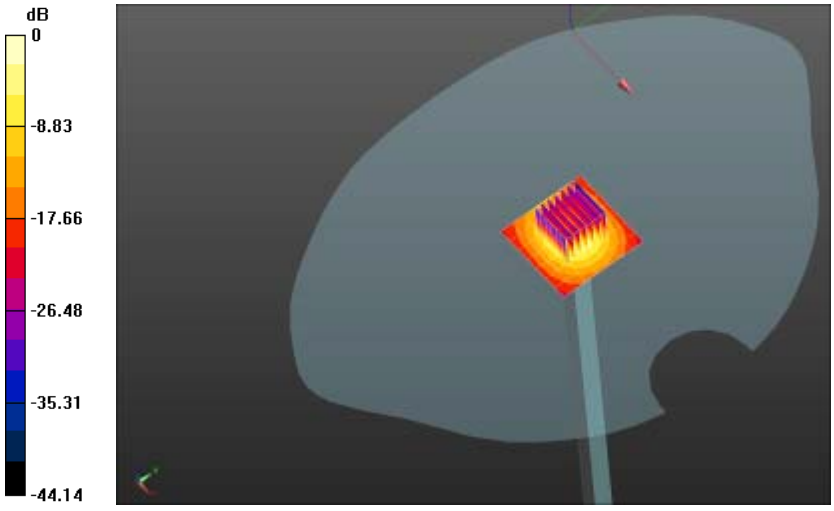
Communication System: CW-5GHz; Frequency: 5200 MHz
Medium: HSL 501_Batch 100901-1
Medium parameters used: f = 5200 MHz; σ = 4.563 mho/m; ε_r = 35.77; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 21.6C; Medium Temperature: 22.5C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(5.21, 5.21, 5.21); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 22.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Area Scan (8x8x1): Measurement grid: dx=7mm, dy=7mm
Maximum value of SAR (measured) = 13.5 mW/g

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Zoom Scan (4x4x2.5mm), dist=2mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 61.675 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 31.073 mW/g
SAR(1 g) = 7.5 mW/g; SAR(10 g) = 2.18 mW/g
Maximum value of SAR (measured) = 15.4 mW/g



0 dB = 15.4 mW/g = 23.75 dB mW/g

Plot 153

Date/Time: 5/14/2013 12:15:00 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 5000 MHz - D5GHzV2 - SN1096; Type: D5GHzV2; Serial: D5GHzV2 - SN:1096

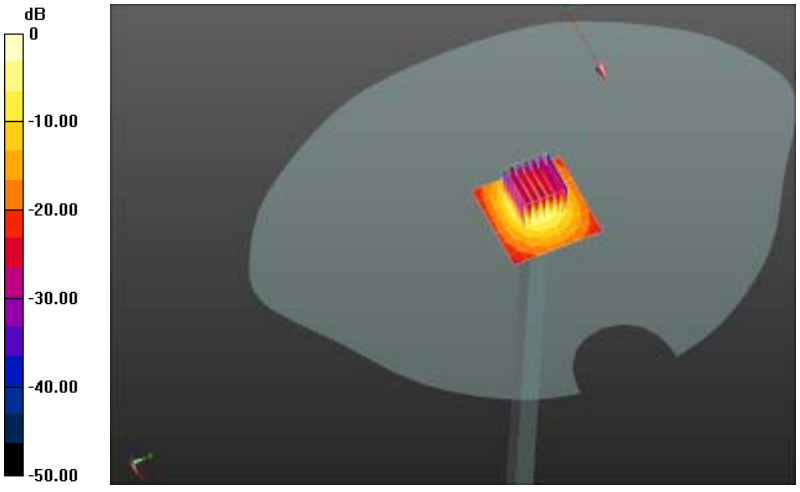
Communication System: CW-5GHz; Frequency: 5800 MHz
Medium: HSL 501_Batch 100901-1
Medium parameters used: f = 5800 MHz; σ = 5.153 mho/m; ε_r = 35.001; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Andy; Air Temperature: 23.3C; Medium Temperature: 21.3C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.43, 4.43, 4.43); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 22.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5800 MHz/Area Scan (8x8x1): Measurement grid: dx=7mm, dy=7mm
Maximum value of SAR (measured) = 13.8 mW/g

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5800 MHz/Zoom Scan (4x4x2.5mm), dist=2mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 51.208 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 30.717 mW/g
SAR(1 g) = 7.17 mW/g; SAR(10 g) = 2.04 mW/g
Maximum value of SAR (measured) = 15.1 mW/g



0 dB = 15.1 mW/g = 23.58 dB mW/g

Plot 154

Date/Time: 5/16/2013 9:52:10 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 5000 MHz - D5GHzV2 - SN1096; Type: D5GHzV2; Serial: D5GHzV2 - SN:1096

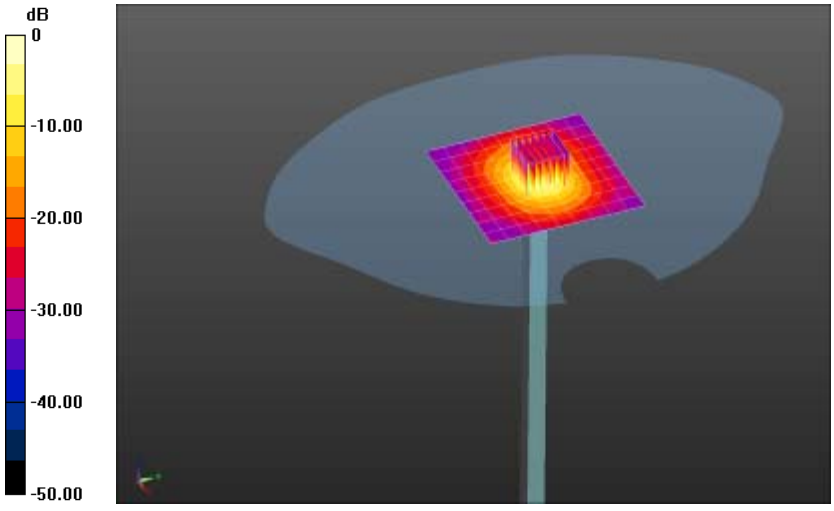
Communication System: CW-5GHz; Frequency: 5200 MHz
Medium: HSL 501_Batch 100901-1
Medium parameters used: f = 5200 MHz; σ = 4.558 mho/m; ε_r = 35.866; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: ; Air Temperature: ; Medium Temperature: ; Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(5.21, 5.21, 5.21); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 22.0
- Electronics: DAE4 Sn1266; Calibrated: 5/30/2011
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP:1640
- DASY52 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 11.0 mW/g

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Zoom Scan (4x4x2.5mm), dist=2mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 60.568 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 31.759 mW/g
SAR(1 g) = 7.47 mW/g; SAR(10 g) = 2.15 mW/g
Maximum value of SAR (measured) = 15.5 mW/g



0 dB = 15.5 mW/g = 23.81 dB mW/g

Plot 155

Date/Time: 4/3/2013 4:59:29 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 835 MHz - D835V2 - SN4d113; Type: D835V2; Serial: D835V2 - SN:4d113

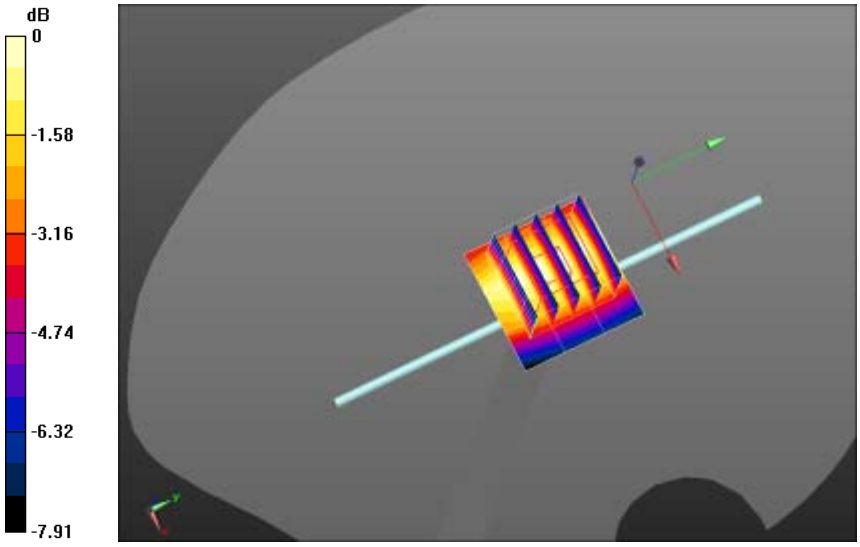
Communication System: CW; Frequency: 835 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used: f = 835 MHz; σ = 0.978 mho/m; ε_r = 53.588; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 22.1C; Medium Temperature: 21.9C;
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: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 11.6 mW/g

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 110.0 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 14.884 mW/g
SAR(1 g) = 10.4 mW/g; SAR(10 g) = 6.9 mW/g
Maximum value of SAR (measured) = 11.9 mW/g



0 dB = 11.6 mW/g = 21.31 dB mW/g

Plot 156

Date/Time: 4/5/2013 9:24:34 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 835 MHz - D835V2 - SN4d113; Type: D835V2; Serial: D835V2 - SN:4d113

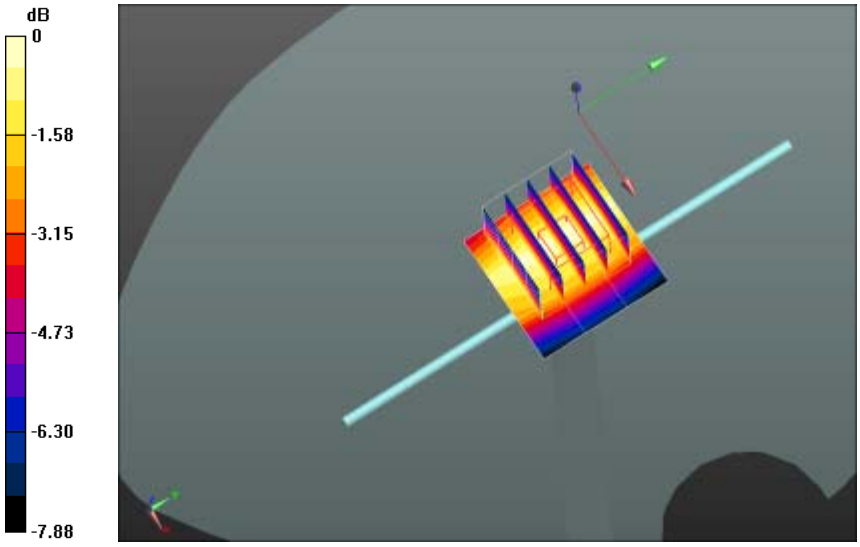
Communication System: CW; Frequency: 835 MHz
Medium: MSL900_Batch 110518-7
Medium parameters used: f = 835 MHz; σ = 0.98 mho/m; ε_r = 53.029; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 22.1C; Medium Temperature: 21.2C;
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: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 11.7 mW/g

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 109.6 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 14.693 mW/g
SAR(1 g) = 10.3 mW/g; SAR(10 g) = 6.83 mW/g
Maximum value of SAR (measured) = 11.9 mW/g



0 dB = 11.7 mW/g = 21.36 dB mW/g

Plot 157

Date/Time: 4/16/2013 1:28:12 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

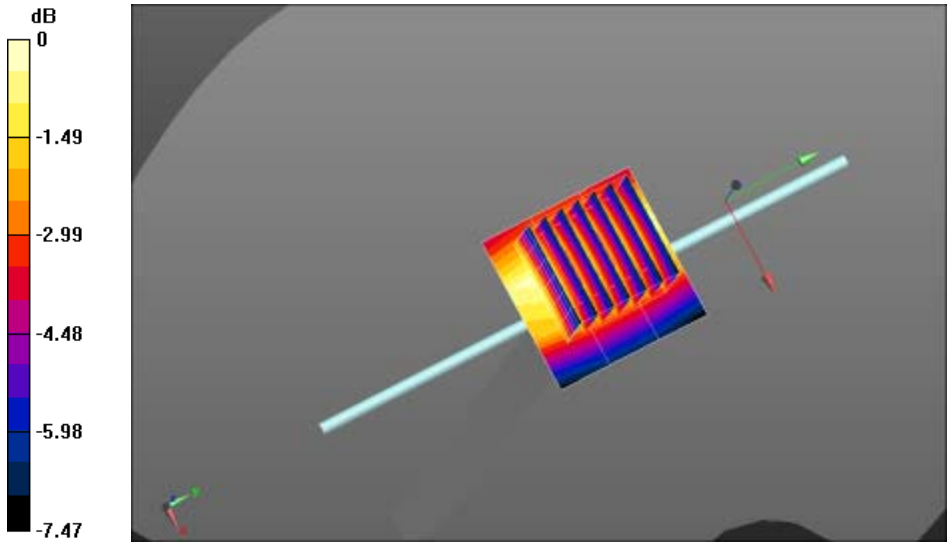
DUT: Dipole 835 MHz - D835V2 - SN4d113; Type: D835V2; Serial: D835V2 - SN:4d113

Communication System: CW; Frequency: 835 MHz
Medium: MSL900_Batch 100818-1
Medium parameters used (interpolated): f = 835 MHz; σ = 1.001 mho/m; ε_r = 53.486; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: ; Air Temperature: ; Medium Temperature: ; Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); 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);

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 11.3 mW/g
System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 108.2 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 15.024 mW/g
SAR(1 g) = 10.1 mW/g; SAR(10 g) = 6.69 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 11.8 mW/g



0 dB = 11.3 mW/g = 21.07 dB mW/g

Plot 158

Date/Time: 4/17/2013 3:18:46 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: Dipole 835 MHz - D835V2 - SN4d113; Type: D835V2; Serial: D835V2 - SN:4d113

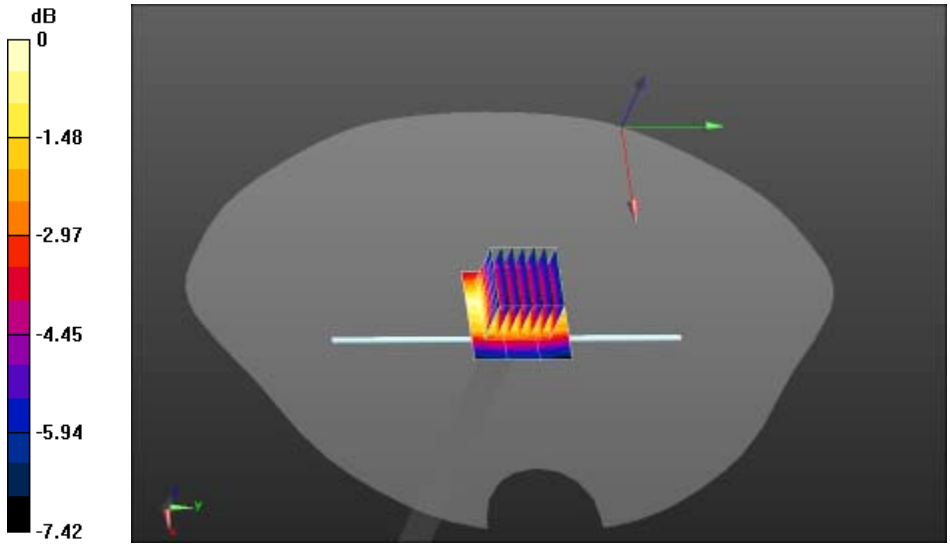
Communication System: CW; Frequency: 835 MHz
Medium: MSL900_Batch 100818-1
Medium parameters used: f = 835 MHz; σ = 0.99 mho/m; ε_r = 53.095; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: ; Air Temperature: ; Medium Temperature: ; Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.34, 6.34, 6.34); 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);

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 11.6 mW/g

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 110.0 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 14.797 mW/g
SAR(1 g) = 10 mW/g; SAR(10 g) = 6.6 mW/g



0 dB = 11.6 mW/g = 21.27 dB mW/g

Plot 159

Date/Time: 7/18/2013 8:54:00 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 835 MHz - D835V2 - SN4d113; Type: D835V2; Serial: D835V2 - SN:4d113

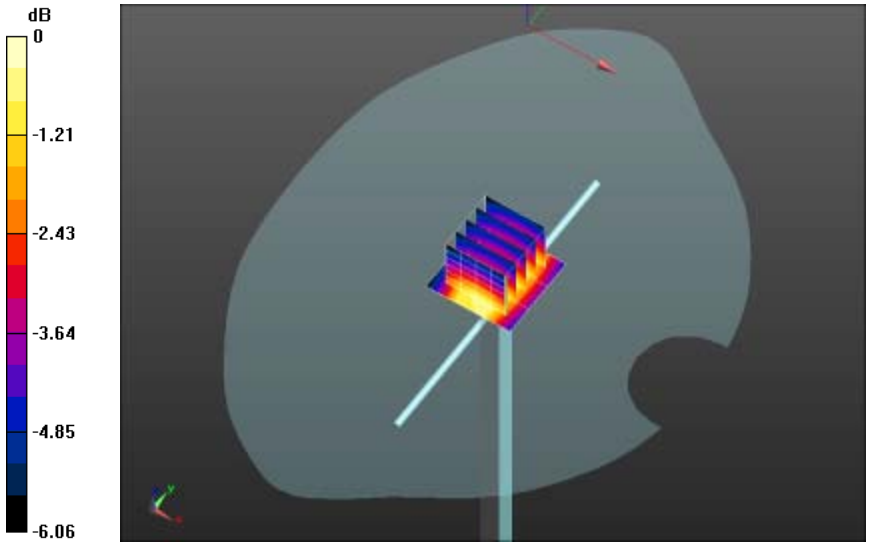
Communication System: CW; Frequency: 835 MHz
Medium: MSL900_Batch 100818-1
Medium parameters used: f = 835 MHz; σ = 0.999 mho/m; ε_r = 52.692; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 23.1C; Medium Temperature: 21.6C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(6.18, 6.18, 6.18); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 10.1 mW/g

System Performance Check at Frequencies below 1 GHz/d=15mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 110.0 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 14.115 mW/g
SAR(1 g) = 9.71 mW/g; SAR(10 g) = 6.41 mW/g
Maximum value of SAR (measured) = 11.2 mW/g



0 dB = 10.1 mW/g = 20.10 dB mW/g

Plot 160

Date/Time: 5/9/2013 10:46:12 AM

Test Laboratory: Cetecom Inc., SAR 4 Lab

DUT: Dipole 1750 MHz - D1750V2 - SN1045; Type: D1750V2; Serial: D1750V2 - SN:1045

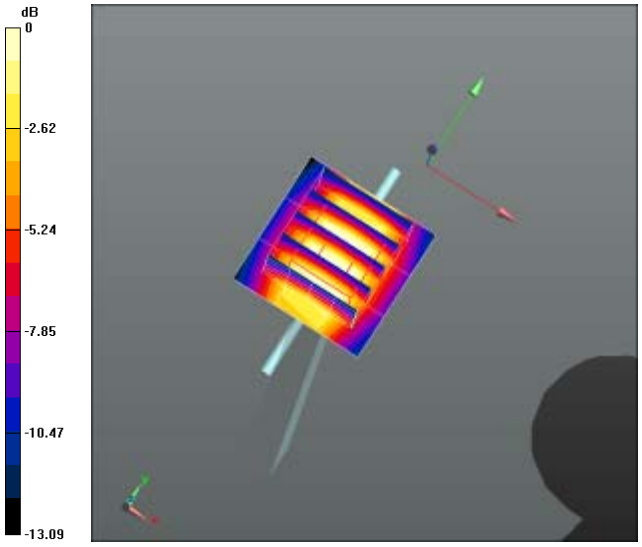
Communication System: CW; Frequency: 1750 MHz
Medium: MSL1750_Batch 100824-2
Medium parameters used: f = 1750 MHz; σ = 1.506 mho/m; ε_r = 51.651; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician:Nalini ; Air Temperature:23.1 C ; Medium Temperature: 22.0 C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.04, 5.04, 5.04); 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);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe 3/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 29.8 mW/g

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe 3/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 177.6 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 57.394 mW/g
SAR(1 g) = 34 mW/g; SAR(10 g) = 18.3 mW/g
Maximum value of SAR (measured) = 42.5 mW/g



0 dB = 29.8 mW/g = 29.48 dB mW/g

Plot 161

Date/Time: 7/18/2013 5:28:58 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 1750 MHz - D1750V2 - SN1045; Type: D1750V2; Serial: D1750V2 - SN:1045

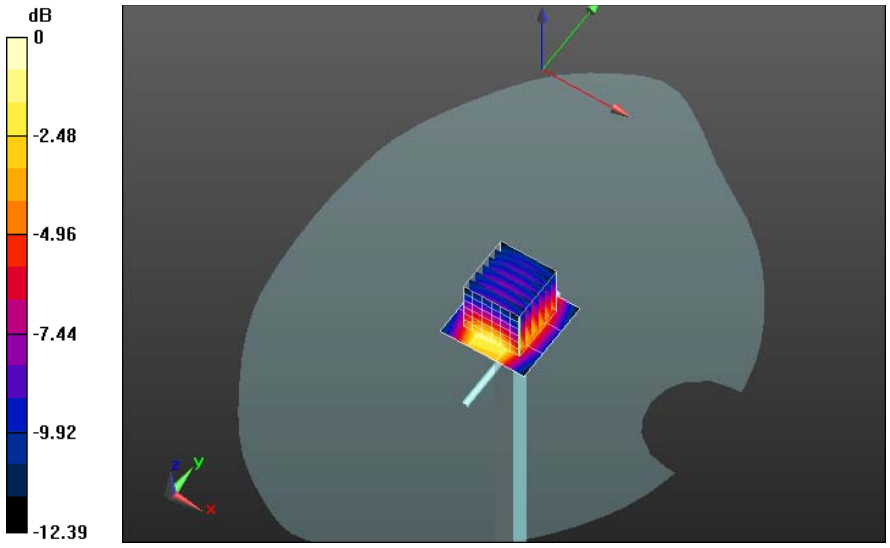
Communication System: CW; Frequency: 1750 MHz
Medium: MSL1750_Batch 100824-2
Medium parameters used: f = 1750 MHz; σ = 1.532 mho/m; ε_r = 51.102; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Nalini; Air Temperature:23.5C ; Medium Temperature:21.8C ;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(5.02, 5.02, 5.02); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 28.8 mW/g

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 174.3 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 61.053 mW/g
SAR(1 g) = 34.1 mW/g; SAR(10 g) = 18.3 mW/g
Maximum value of SAR (measured) = 38.6 mW/g



0 dB = 28.8 mW/g = 29.19 dB mW/g

Plot 162

Date/Time: 4/3/2013 1:27:32 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 1900 MHz - D1900V2 - SN5d135; Type: D1900V2; Serial: D1900V2 - SN:5d135

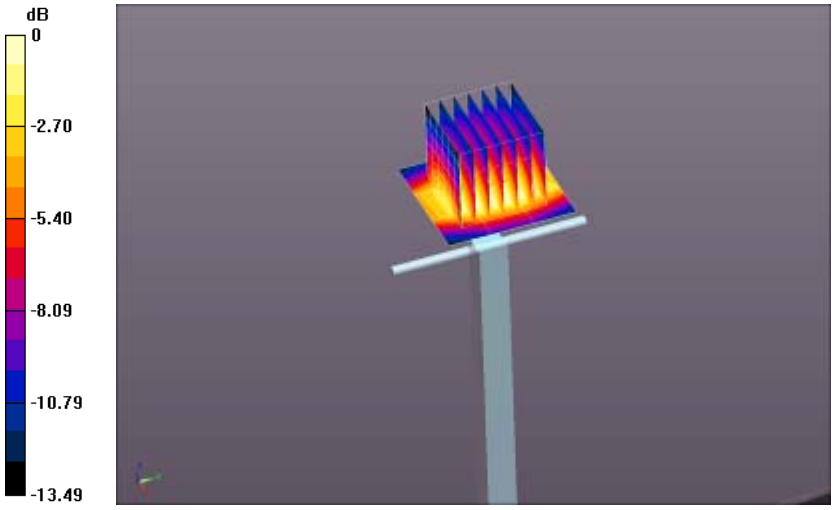
Communication System: CW; Frequency: 1900 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1900 MHz; σ = 1.522 mho/m; ε_r = 54.037; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes:

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.81, 4.81, 4.81); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 32.7 mW/g

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 186.4 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 66.350 mW/g
SAR(1 g) = 38 mW/g; SAR(10 g) = 20.1 mW/g
Maximum value of SAR (measured) = 48.0 mW/g



0 dB = 32.7 mW/g = 30.30 dB mW/g

Plot 163

Date/Time: 4/4/2013 1:58:09 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 1900 MHz - D1900V2 - SN5d135; Type: D1900V2; Serial: D1900V2 - SN:5d135

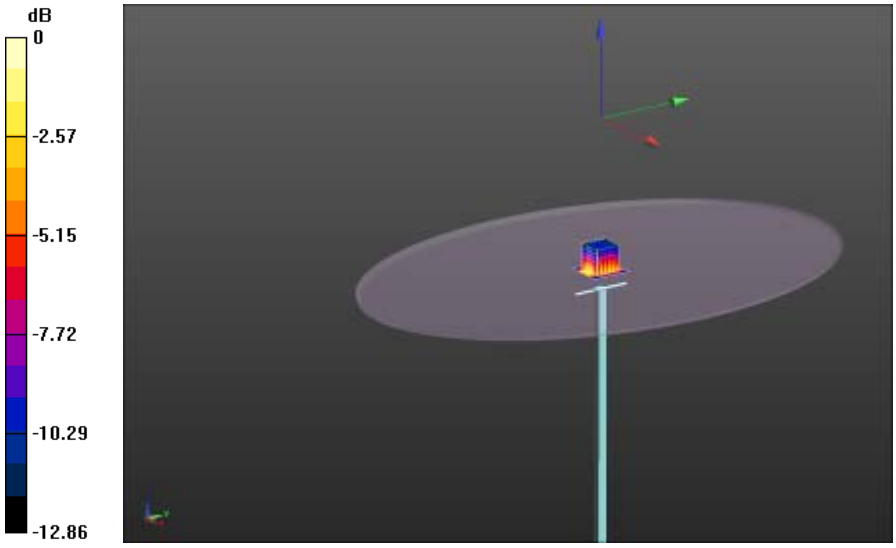
Communication System: CW; Frequency: 1900 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1900 MHz; σ = 1.56 mho/m; ε_r = 51.695; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes:

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.81, 4.81, 4.81); Calibrated: 11/7/2012;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 32.5 mW/g

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 189.5 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 69.983 mW/g
SAR(1 g) = 40 mW/g; SAR(10 g) = 21.1 mW/g
Maximum value of SAR (measured) = 50.6 mW/g



0 dB = 32.5 mW/g = 30.23 dB mW/g

Plot 164

Date/Time: 4/30/2013 3:11:37 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 1900 MHz - D1900V2 - SN5d135; Type: D1900V2; Serial: D1900V2 - SN:5d135

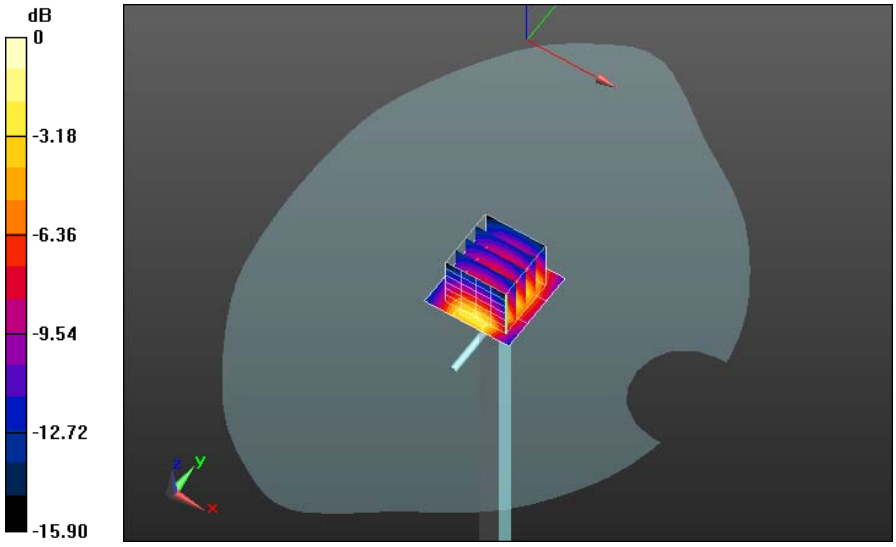
Communication System: CW; Frequency: 1900 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1900 MHz; σ = 1.558 mho/m; ε_r = 53.031; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: nalini; Air Temperature: 23.6C; Medium Temperature: 21.5C;
Comments: ;

DASY Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.81, 4.81, 4.81); 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);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 36.3 mW/g

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 179.6 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 64.937 mW/g
SAR(1 g) = 37.7 mW/g; SAR(10 g) = 19.9 mW/g
Maximum value of SAR (measured) = 47.2 mW/g



0 dB = 36.3 mW/g = 31.20 dB mW/g

Plot 165

Date/Time: 7/16/2013 10:18:37 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 1900 MHz - D1900V2 - SN5d135; Type: D1900V2; Serial: D1900V2 - SN:5d135

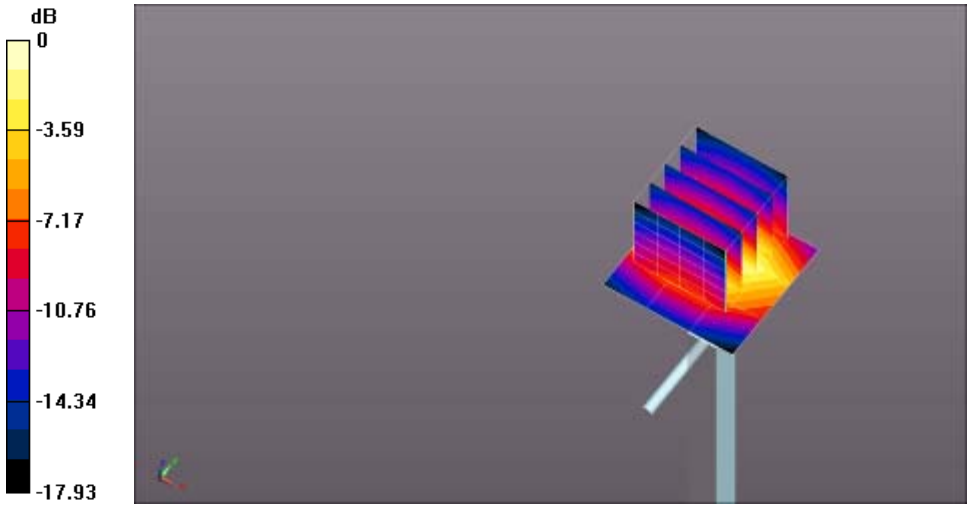
Communication System: CW; Frequency: 1900 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1900 MHz; σ = 1.54 mho/m; ε_r = 52.05; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes:

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (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);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 42.7 mW/g

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 157.2 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 66.071 mW/g
SAR(1 g) = 36.6 mW/g; SAR(10 g) = 19.2 mW/g
Maximum value of SAR (measured) = 41.1 mW/g



0 dB = 42.7 mW/g = 32.61 dB mW/g

Plot 166

Date/Time: 7/17/2013 11:17:55 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 1900 MHz - D1900V2 - SN5d135; Type: D1900V2; Serial: D1900V2 - SN:5d135

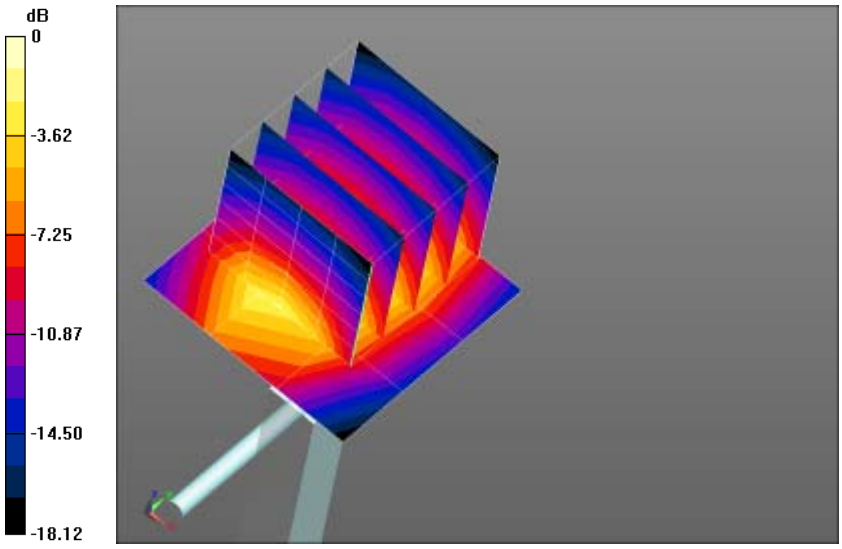
Communication System: CW; Frequency: 1900 MHz
Medium: MSL1900_Batch 110615-4
Medium parameters used: f = 1900 MHz; σ = 1.556 mho/m; ε_r = 51.958; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes:

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.76, 4.76, 4.76); Calibrated: 6/5/2013;
- 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);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe 2/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 42.5 mW/g

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe 2/Zoom Scan (7x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 169.4 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 69.775 mW/g
SAR(1 g) = 39 mW/g; SAR(10 g) = 20.4 mW/g
Maximum value of SAR (measured) = 49.5 mW/g



0 dB = 42.5 mW/g = 32.56 dB mW/g

Plot 167

Date/Time: 4/19/2013 1:35:32 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Dipole 2450 MHz - D2450V2 - SN859; Type: D2450V2; Serial: D2450V2 - SN:859

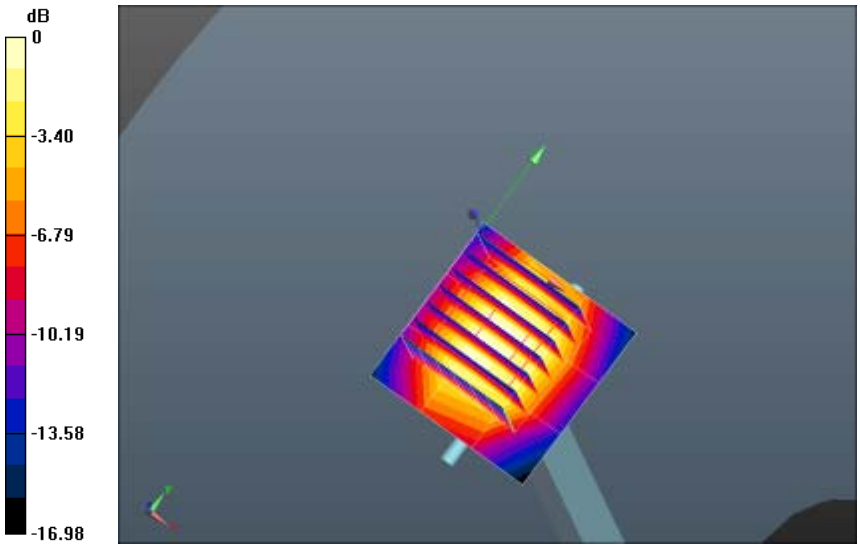
Communication System: CW; Frequency: 2450 MHz
Medium: MSL2450_Batch 110530-1
Medium parameters used: f = 2450 MHz; σ = 1.957 mho/m; ε_r = 50.87; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Tech: Andy; Amb. Temp: 23.5C Liquid Temp: 22.5 C

DASY Configuration:

- Probe: ES3DV3 - SN3261; ConvF(4.27, 4.27, 4.27); 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);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 44.3 mW/g

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 184.1 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 109.5 mW/g
SAR(1 g) = 51.2 mW/g; SAR(10 g) = 23.4 mW/g
Maximum value of SAR (measured) = 68.1 mW/g



0 dB = 44.3 mW/g = 32.94 dB mW/g

Plot 168

Date/Time: 5/7/2013 12:26:35 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 5000 MHz - D5GHzV2 - SN1096; Type: D5GHzV2; Serial: D5GHzV2 - SN:1096

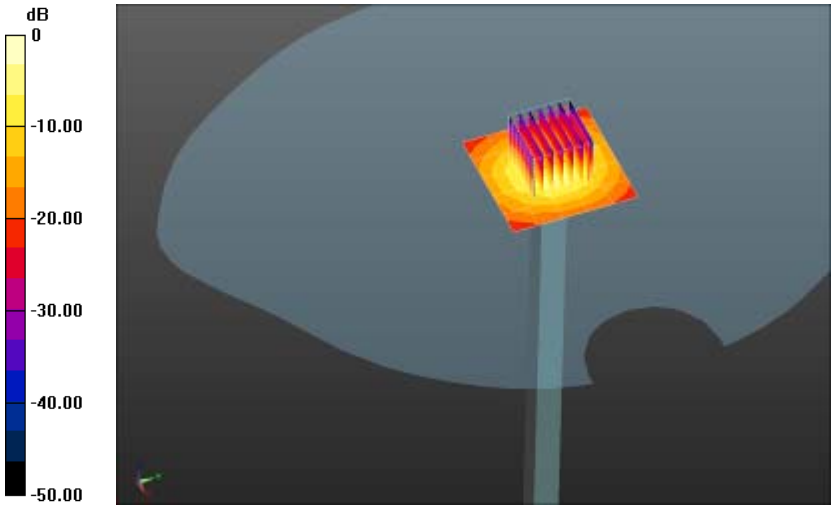
Communication System: CW-5GHz; Frequency: 5200 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5200 MHz; σ = 5.351 mho/m; ε_r = 48.426; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: ; Air Temperature: 22.2; Medium Temperature: 23.5; Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3786; ConvF(4.13, 4.13, 4.13); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 22.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid) 2/d=10mm, Pin=100mW, f=5200 MHz 2/Area Scan (6x6x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 7.87 mW/g

System Performance Check with D5GHzV2 Dipole (uniform grid) 2/d=10mm, Pin=100mW, f=5200 MHz 2/Zoom Scan (4x4x2.5mm), dist=2mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 54.617 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 27.158 mW/g
SAR(1 g) = 6.66 mW/g; SAR(10 g) = 1.9 mW/g
Maximum value of SAR (measured) = 13.8 mW/g



0 dB = 13.8 mW/g = 22.80 dB mW/g

Plot 169

Date/Time: 5/8/2013 1:49:58 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 5000 MHz - D5GHzV2 - SN1096; Type: D5GHzV2; Serial: D5GHzV2 - SN:1096

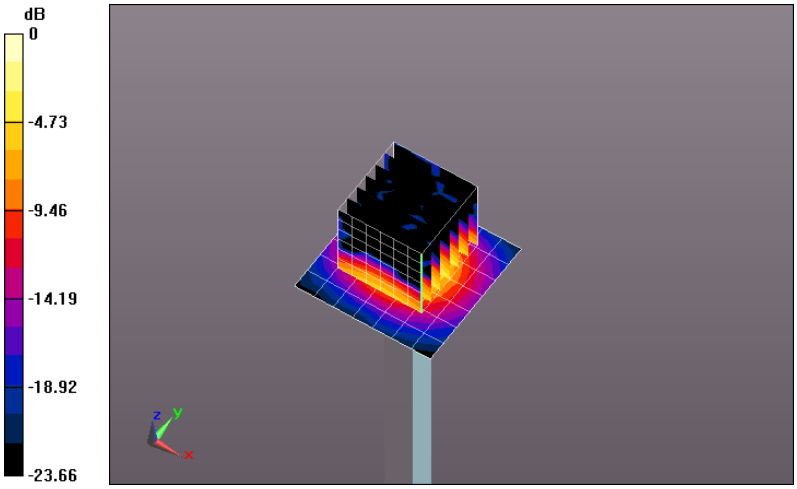
Communication System: CW-5GHz; Frequency: 5200 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5200 MHz; σ = 5.335 mho/m; ε_r = 50.389; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 23.6C; Medium Temperature: 22.8C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3786; ConvF(4.13, 4.13, 4.13); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- DASY52 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Area Scan (8x8x1): Measurement grid: dx=7mm, dy=7mm
Maximum value of SAR (measured) = 13.0 mW/g

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Zoom Scan (4x4x2.5mm), dist=2mm (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 53.460 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 35.623 mW/g
SAR(1 g) = 7.36 mW/g; SAR(10 g) = 2.01 mW/g
Maximum value of SAR (measured) = 7.83 mW/g



0 dB = 13.0 mW/g = 22.27 dB mW/g

Plot 170

Date/Time: 5/9/2013 2:30:57 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 5000 MHz - D5GHzV2 - SN1096; Type: D5GHzV2; Serial: D5GHzV2 - SN:1096

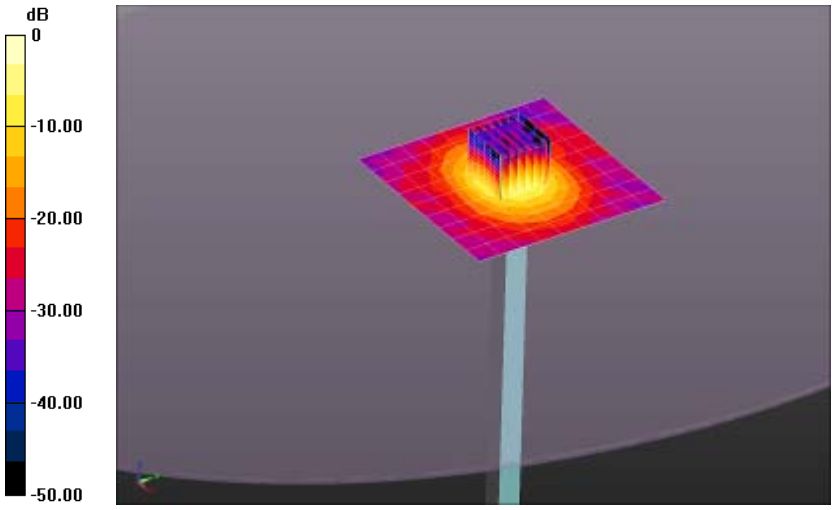
Communication System: CW-5GHz; Frequency: 5200 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5200 MHz; σ = 5.435 mho/m; ε_r = 50.766; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Lenny; Air Temperature: 23.2C; Medium Temperature: 22.3C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3786; ConvF(4.13, 4.13, 4.13); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 22.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 9.02 mW/g

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Zoom Scan (4x4x2.5mm), dist=2mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 54.619 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 28.166 mW/g
SAR(1 g) = 6.87 mW/g; SAR(10 g) = 1.95 mW/g
Maximum value of SAR (measured) = 14.2 mW/g



0 dB = 14.2 mW/g = 23.05 dB mW/g

Plot 171

Date/Time: 5/9/2013 5:11:33 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 5000 MHz - D5GHzV2 - SN1096; Type: D5GHzV2; Serial: D5GHzV2 - SN:1096

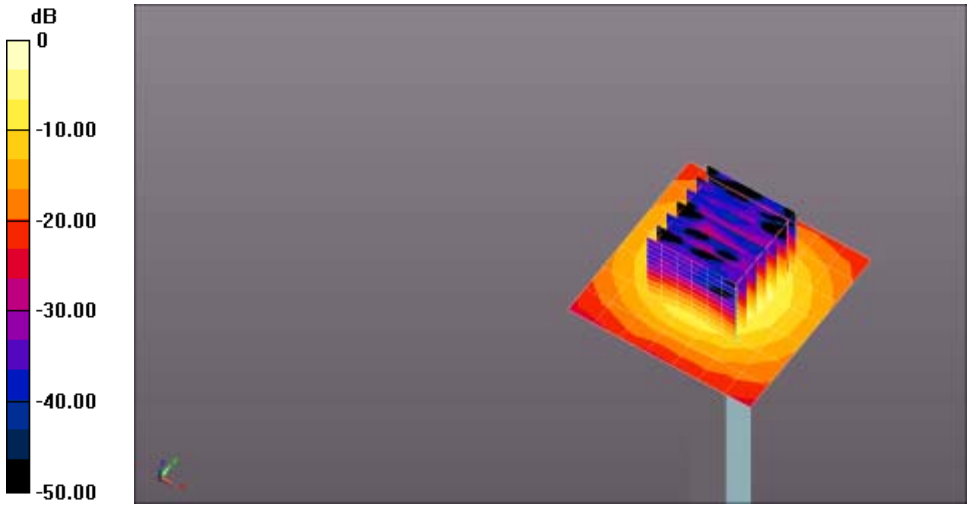
Communication System: CW-5GHz; Frequency: 5800 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5800 MHz; σ = 6.265 mho/m; ε_r = 49.778; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: ; Air Temperature: ; Medium Temperature: ; Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3786; ConvF(3.82, 3.82, 3.82); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 22.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5800 MHz/Area Scan (8x8x1): Measurement grid: dx=7mm, dy=7mm
Maximum value of SAR (measured) = 11.3 mW/g

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5800 MHz/Zoom Scan (4x4x2.5mm), dist=2mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 52.203 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 28.703 mW/g
SAR(1 g) = 6.71 mW/g; SAR(10 g) = 1.85 mW/g
Maximum value of SAR (measured) = 14.4 mW/g



0 dB = 14.4 mW/g = 23.17 dB mW/g

Plot 172

Date/Time: 5/13/2013 11:25:14 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 5000 MHz - D5GHzV2 - SN1096; Type: D5GHzV2; Serial: D5GHzV2 - SN:1096

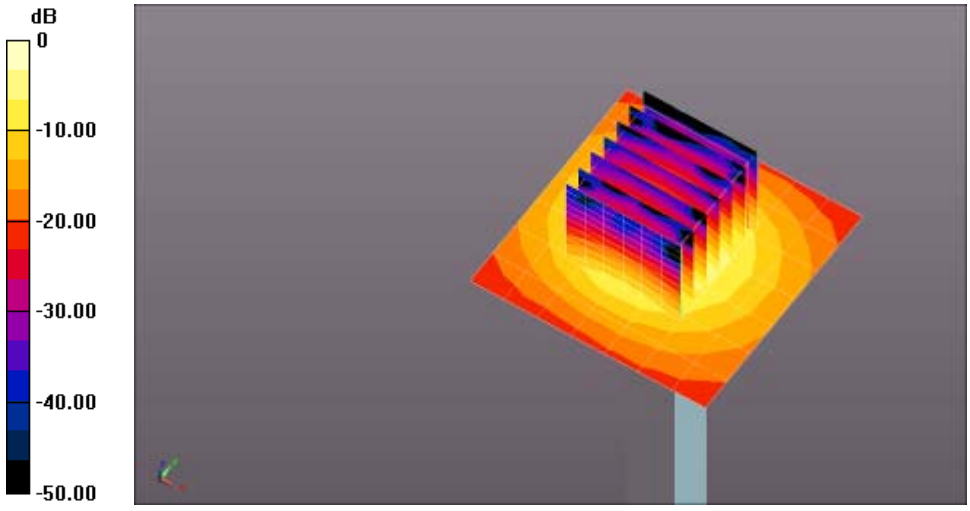
Communication System: CW-5GHz; Frequency: 5200 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5200 MHz; σ = 5.373 mho/m; ε_r = 48.03; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Nalini; Air Temperature: 21.6C; Medium Temperature: 21.5C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3786; ConvF(4.13, 4.13, 4.13); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 22.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Area Scan (8x8x1): Measurement grid: dx=7mm, dy=7mm
Maximum value of SAR (measured) = 12.1 mW/g

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5200 MHz/Zoom Scan (4x4x2.5mm), dist=2mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 54.611 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 29.075 mW/g
SAR(1 g) = 7 mW/g; SAR(10 g) = 1.97 mW/g
Maximum value of SAR (measured) = 14.6 mW/g



0 dB = 14.6 mW/g = 23.29 dB mW/g

Plot 173

Date/Time: 5/13/2013 1:05:06 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 5000 MHz - D5GHzV2 - SN1096; Type: D5GHzV2; Serial: D5GHzV2 - SN:1096

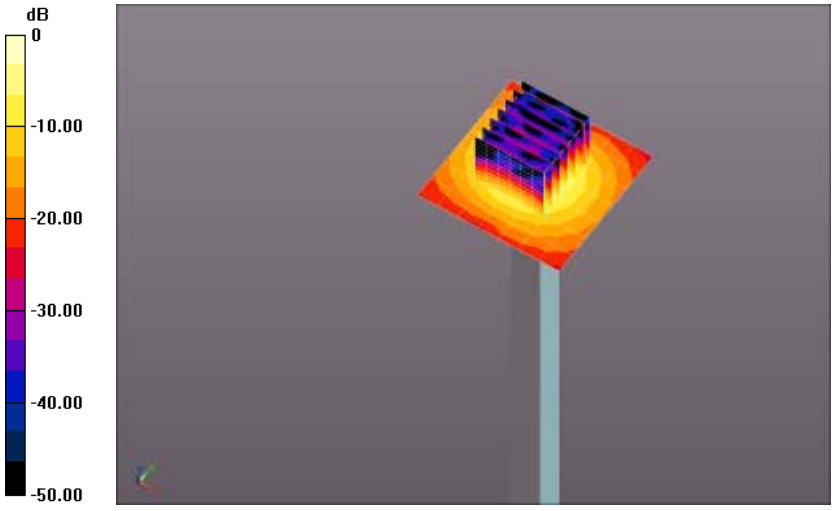
Communication System: CW-5GHz; Frequency: 5800 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5800 MHz; σ = 6.238 mho/m; ε_r = 47.081; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Nalini; Air Temperature:21.2 ; Medium Temperature: 21.5C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3786; ConvF(3.82, 3.82, 3.82); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 22.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5800 MHz 2/Area Scan (8x8x1): Measurement grid: dx=7mm, dy=7mm
Maximum value of SAR (measured) = 11.6 mW/g

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5800 MHz 2/Zoom Scan (4x4x2.5mm), dist=2mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 51.415 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 29.858 mW/g
SAR(1 g) = 6.78 mW/g; SAR(10 g) = 1.87 mW/g
Maximum value of SAR (measured) = 14.7 mW/g



0 dB = 14.7 mW/g = 23.35 dB mW/g

Plot 174

Date/Time: 5/14/2013 4:59:57 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 5000 MHz - D5GHzV2 - SN1096; Type: D5GHzV2; Serial: D5GHzV2 - SN:1096

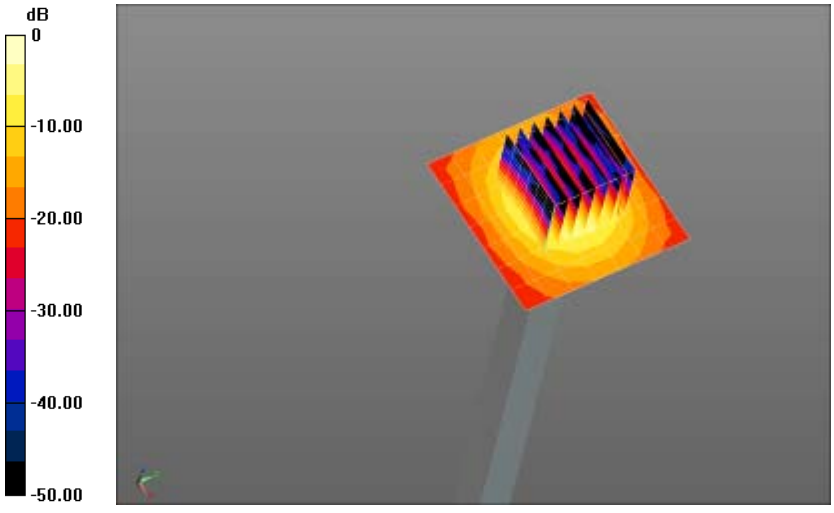
Communication System: CW-5GHz; Frequency: 5800 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5800 MHz; σ = 6.191 mho/m; ε_r = 47.853; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Nalini; Air Temperature:21.2 ; Medium Temperature: 21.5C;
Comments: ;

DASY Configuration:

- Probe: EX3DV4 - SN3786; ConvF(3.82, 3.82, 3.82); Calibrated: 8/22/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 22.0
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5800 MHz 2 2/Area Scan (8x8x1): Measurement grid: dx=7mm, dy=7mm
Maximum value of SAR (measured) = 11.3 mW/g

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5800 MHz 2 2/Zoom Scan (4x4x2.5mm), dist=2mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 52.674 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 29.210 mW/g
SAR(1 g) = 6.69 mW/g; SAR(10 g) = 1.85 mW/g
Maximum value of SAR (measured) = 14.5 mW/g



0 dB = 14.5 mW/g = 23.23 dB mW/g