Plot 101

Date/Time: 12/30/2013 7:03:03 PM

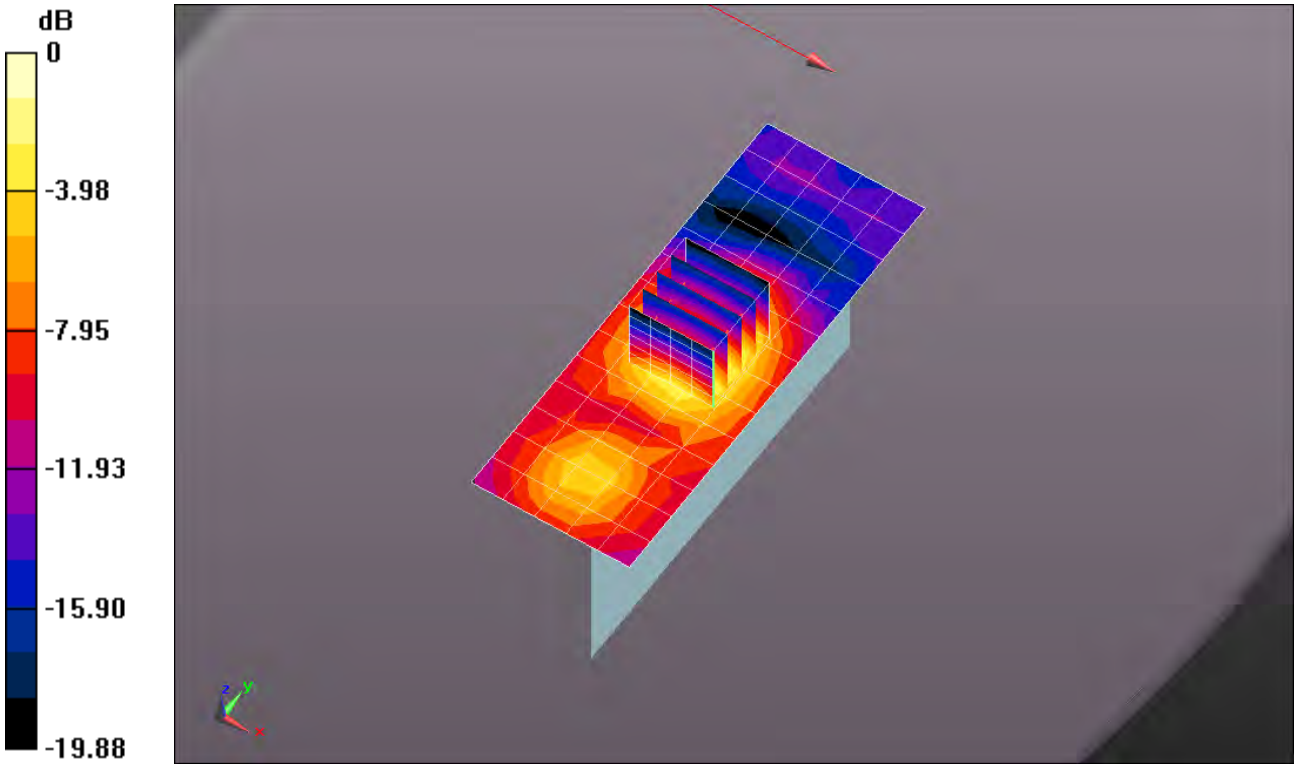
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUE

Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz
Medium: MSL1900_Batch 110530-3
Medium parameters used: f = 1880 MHz; σ = 1.521 mho/m; ε_r = 50.865; 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: 20C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section_12-30/Left Edge 10mm/Area Scan (6x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.251 mW/g

Flat-Section_12-30/Left Edge 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.062 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.401 mW/g
SAR(1 g) = 0.225 mW/g; SAR(10 g) = 0.121 mW/g
Maximum value of SAR (measured) = 0.284 mW/g



0 dB = 0.251 mW/g = -12.02 dB mW/g

Plot 102

Date/Time: 12/30/2013 7:27:17 PM

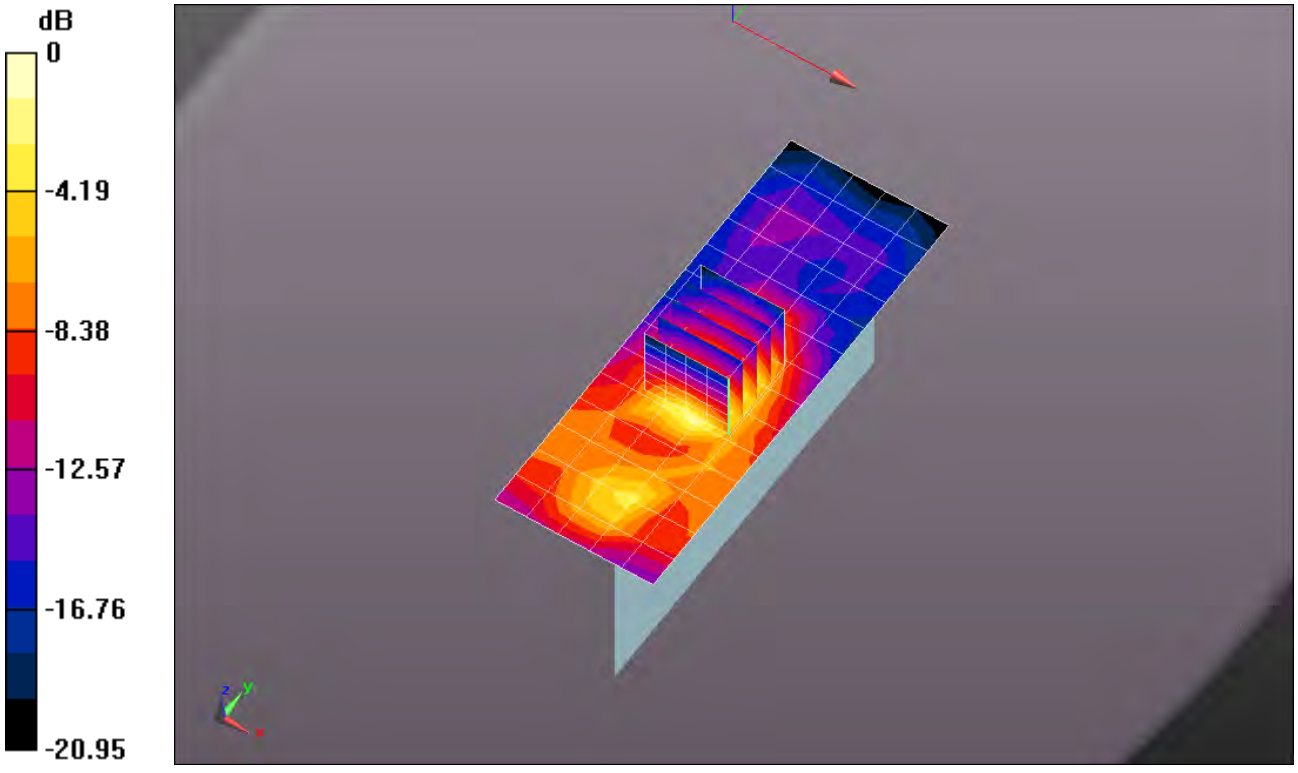
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUE

Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz
Medium: MSL1900_Batch 110530-3
Medium parameters used: f = 1880 MHz; σ = 1.521 mho/m; ε_r = 50.865; 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: 20.8C; Medium Temperature: 20C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section_12-30/Right Edge 10mm/Area Scan (6x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.357 mW/g

Flat-Section_12-30/Right Edge 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.451 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.605 mW/g
SAR(1 g) = 0.334 mW/g; SAR(10 g) = 0.170 mW/g
Maximum value of SAR (measured) = 0.426 mW/g



0 dB = 0.357 mW/g = -8.95 dB mW/g

Plot 103

Date/Time: 12/30/2013 10:59:00 PM

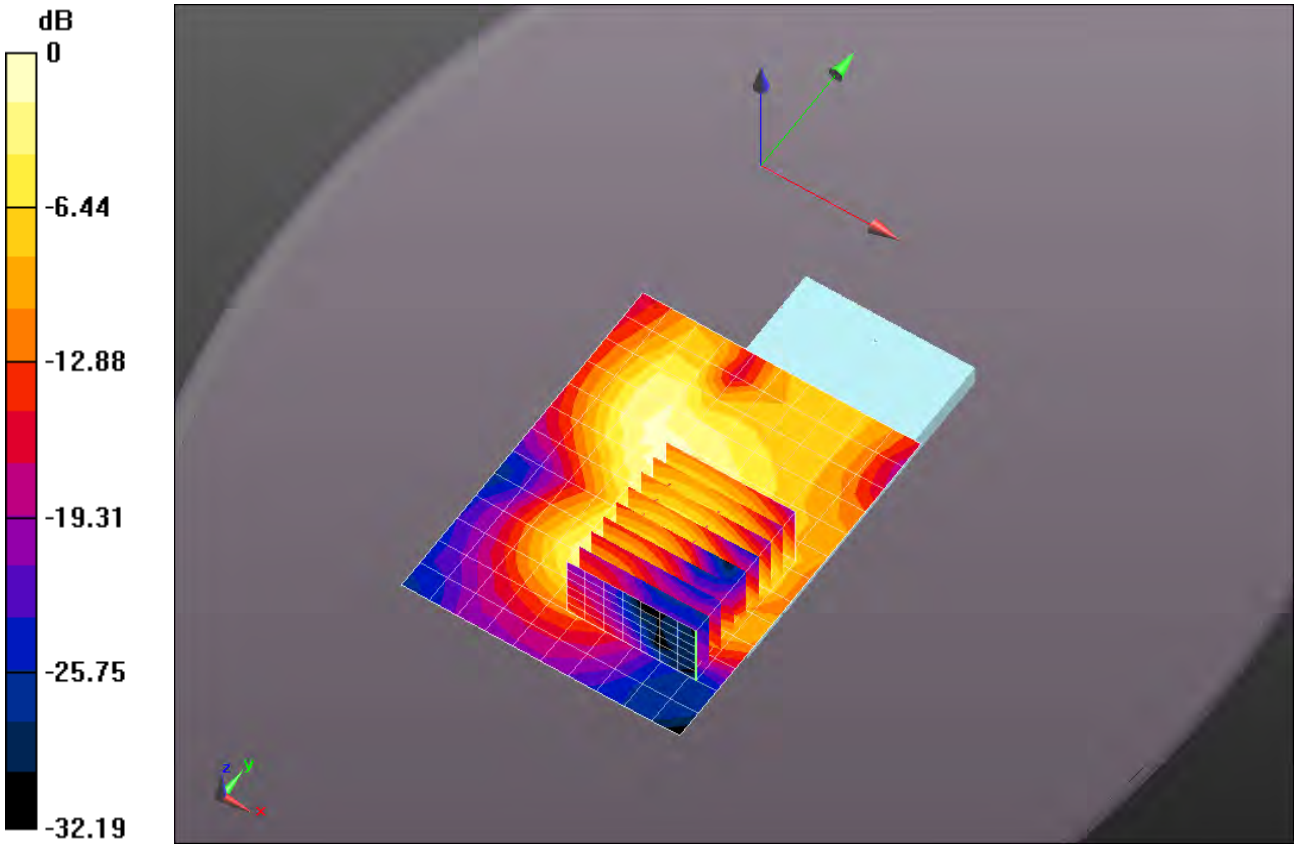
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUE

Communication System: UMTS-FDD (WCDMA); Frequency: 1733 MHz
Medium: MSL1750_Batch 100824-2
Medium parameters used: f = 1733 MHz; σ = 1.485 mho/m; ε_r = 52.019; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 21.4C; Medium Temperature: 20C; Comments:
;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.1, 5.1, 5.1); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Hot Spot_Full Power_12-30-2013/Front 10mm/Area Scan (11x14x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.490 mW/g

Hot Spot_Full Power_12-30-2013/Front 10mm/Zoom Scan (8x9x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.462 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.654 mW/g
SAR(1 g) = 0.436 mW/g; SAR(10 g) = 0.283 mW/g
Maximum value of SAR (measured) = 0.504 mW/g



0 dB = 0.490 mW/g = -6.19 dB mW/g

Plot 104

Date/Time: 12/31/2013 2:33:37 AM

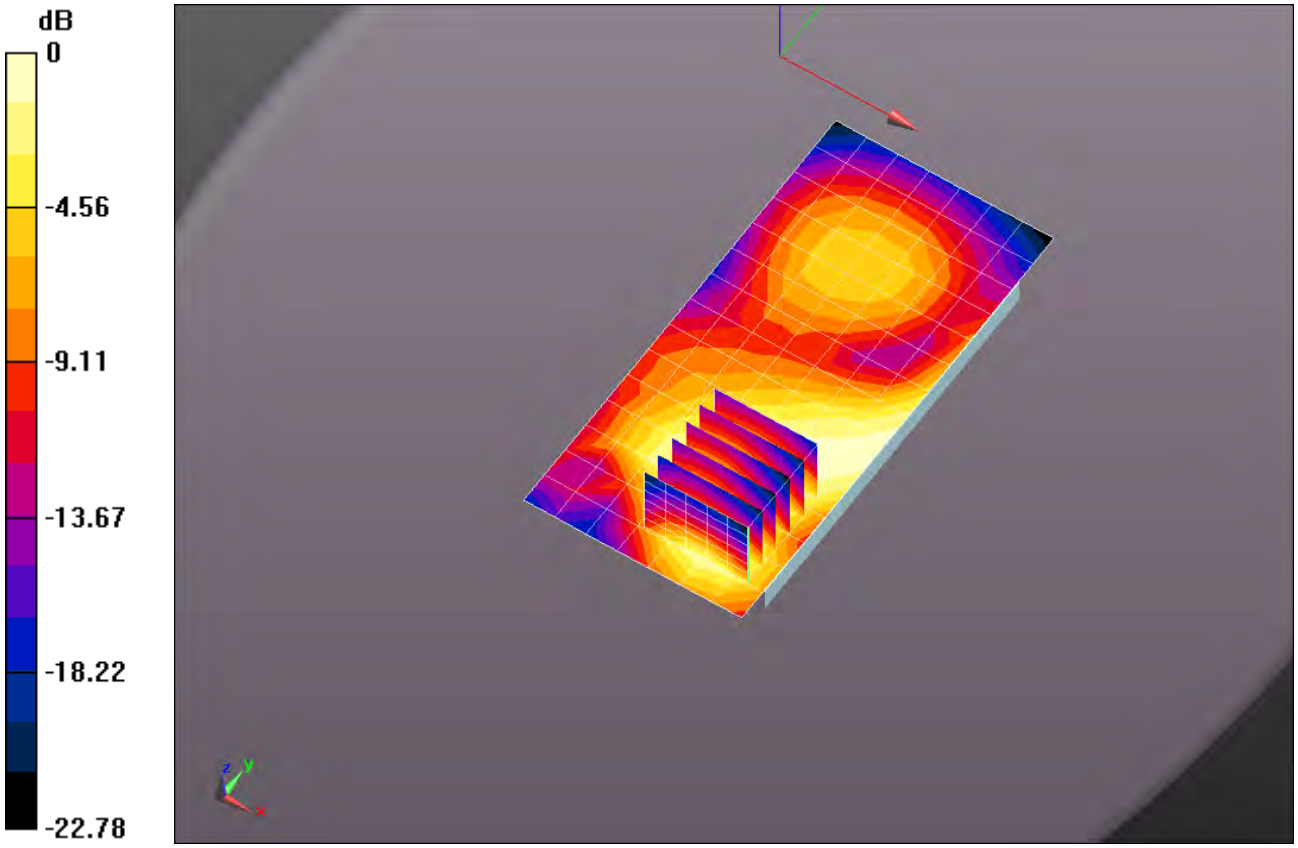
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUE

Communication System: UMTS-FDD (WCDMA); Frequency: 1733 MHz
Medium: MSL1750_Batch 100824-2
Medium parameters used: f = 1733 MHz; σ = 1.519 mho/m; ε_r = 51.956; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 21C; Medium Temperature: 19.4C; Comments:
;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.1, 5.1, 5.1); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Hot Spot_Full Power_12-30-2013 2/Back 10mm/Area Scan (8x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.509 mW/g

Hot Spot_Full Power_12-30-2013 2/Back 10mm/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.758 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.647 mW/g
SAR(1 g) = 0.444 mW/g; SAR(10 g) = 0.289 mW/g
Maximum value of SAR (measured) = 0.505 mW/g



0 dB = 0.509 mW/g = -5.87 dB mW/g

Plot 105

Date/Time: 12/31/2013 3:10:43 AM

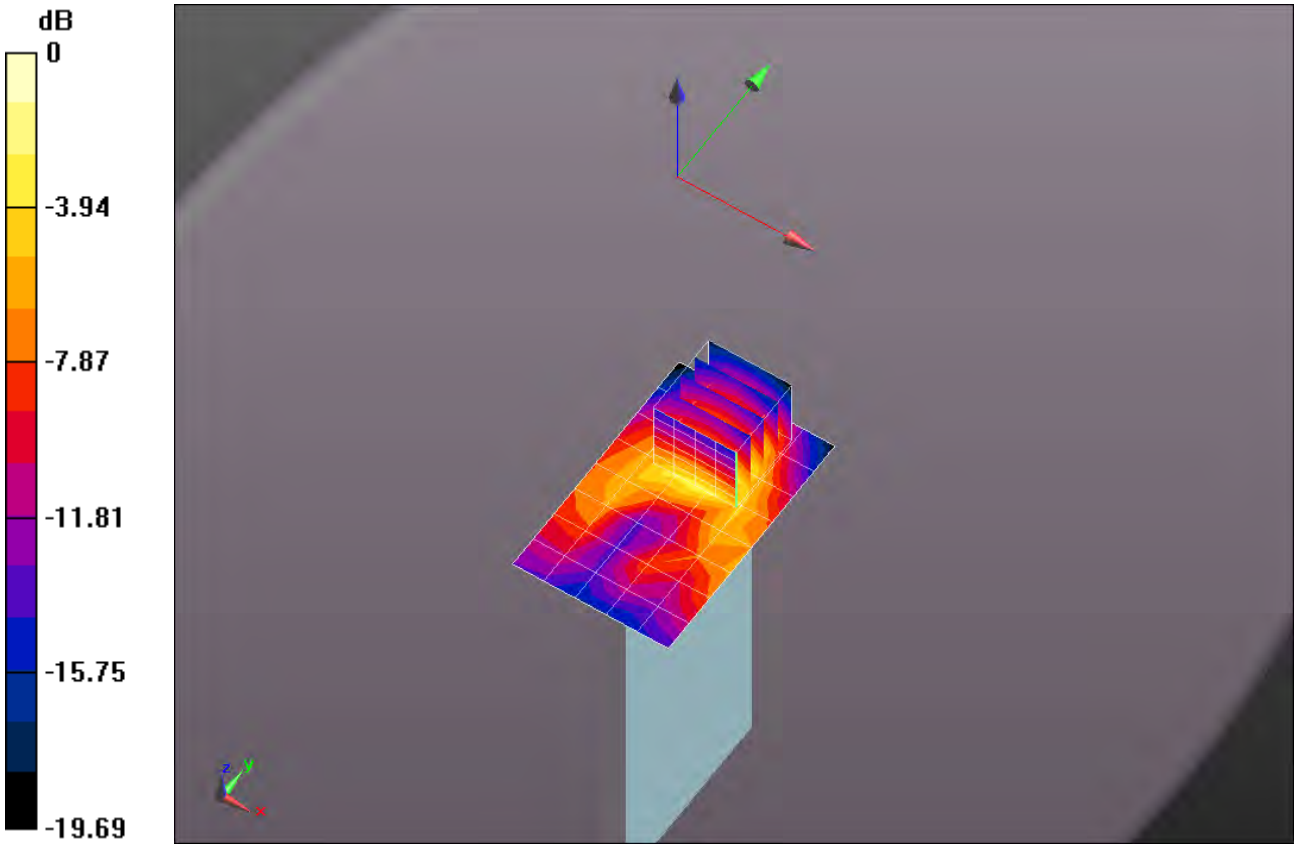
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUE

Communication System: UMTS-FDD (WCDMA); Frequency: 1733 MHz
Medium: MSL1750_Batch 100824-2
Medium parameters used: f = 1733 MHz; σ = 1.519 mho/m; ε_r = 51.956; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 21C; Medium Temperature: 19.1C; Comments:
;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.1, 5.1, 5.1); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Hot Spot_Full Power_12-30-2013 2/Bottom Edge 10mm/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.230 mW/g

Hot Spot_Full Power_12-30-2013 2/Bottom Edge 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.433 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.370 mW/g
SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.104 mW/g
Maximum value of SAR (measured) = 0.261 mW/g



0 dB = 0.230 mW/g = -12.77 dB mW/g

Plot 106

Date/Time: 12/31/2013 3:29:58 AM

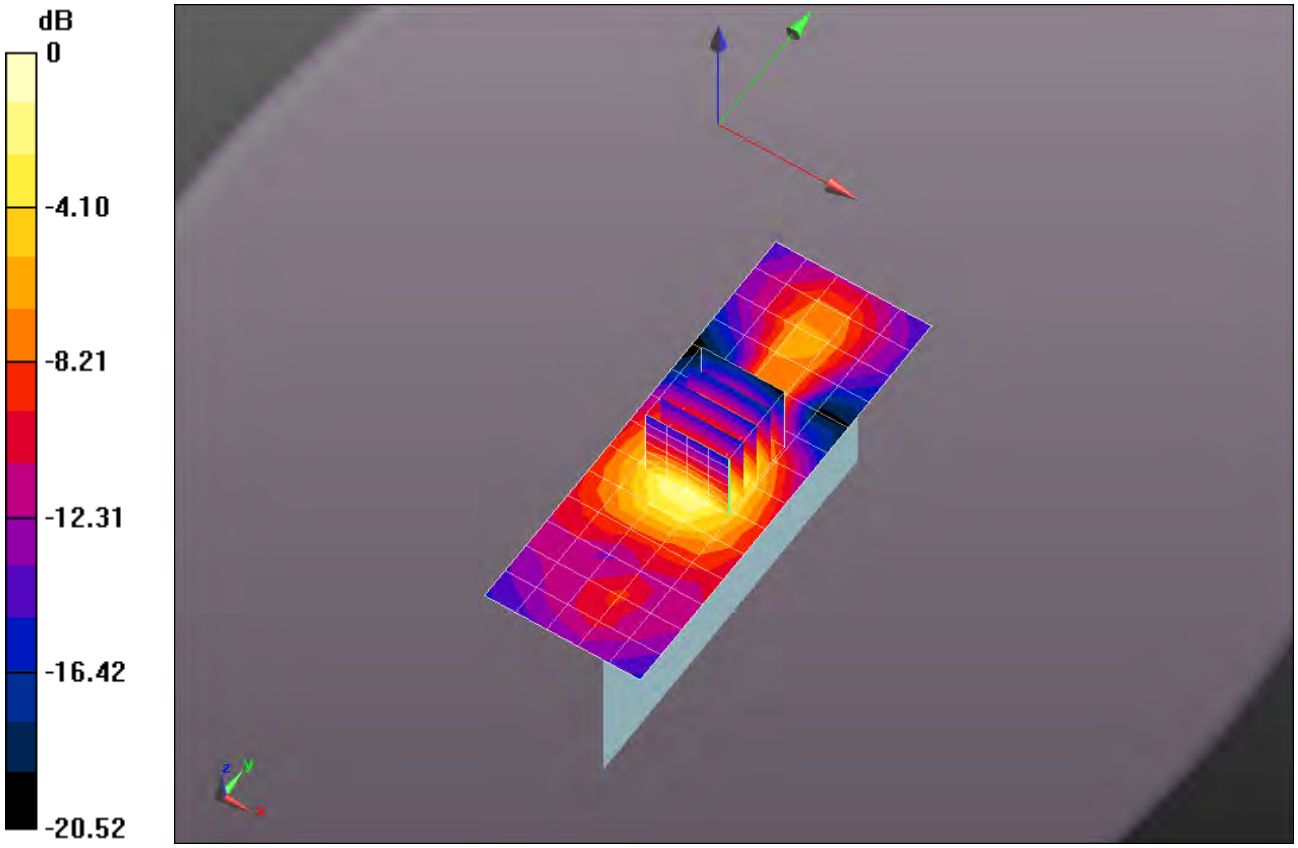
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUE

Communication System: UMTS-FDD (WCDMA); Frequency: 1733 MHz
Medium: MSL1750_Batch 100824-2
Medium parameters used: f = 1733 MHz; σ = 1.519 mho/m; ε_r = 51.956; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 21.4C; Medium Temperature: 19C; Comments:
;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.1, 5.1, 5.1); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Hot Spot_Full Power_12-30-2013 2/Left Edge 10mm/Area Scan (6x15x1): Measurement grid:
dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.618 mW/g

Hot Spot_Full Power_12-30-2013 2/Left Edge 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.302 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.039 mW/g
SAR(1 g) = 0.562 mW/g; SAR(10 g) = 0.298 mW/g
Maximum value of SAR (measured) = 0.726 mW/g



0 dB = 0.618 mW/g = -4.19 dB mW/g

Plot 107

Date/Time: 12/31/2013 3:51:32 AM

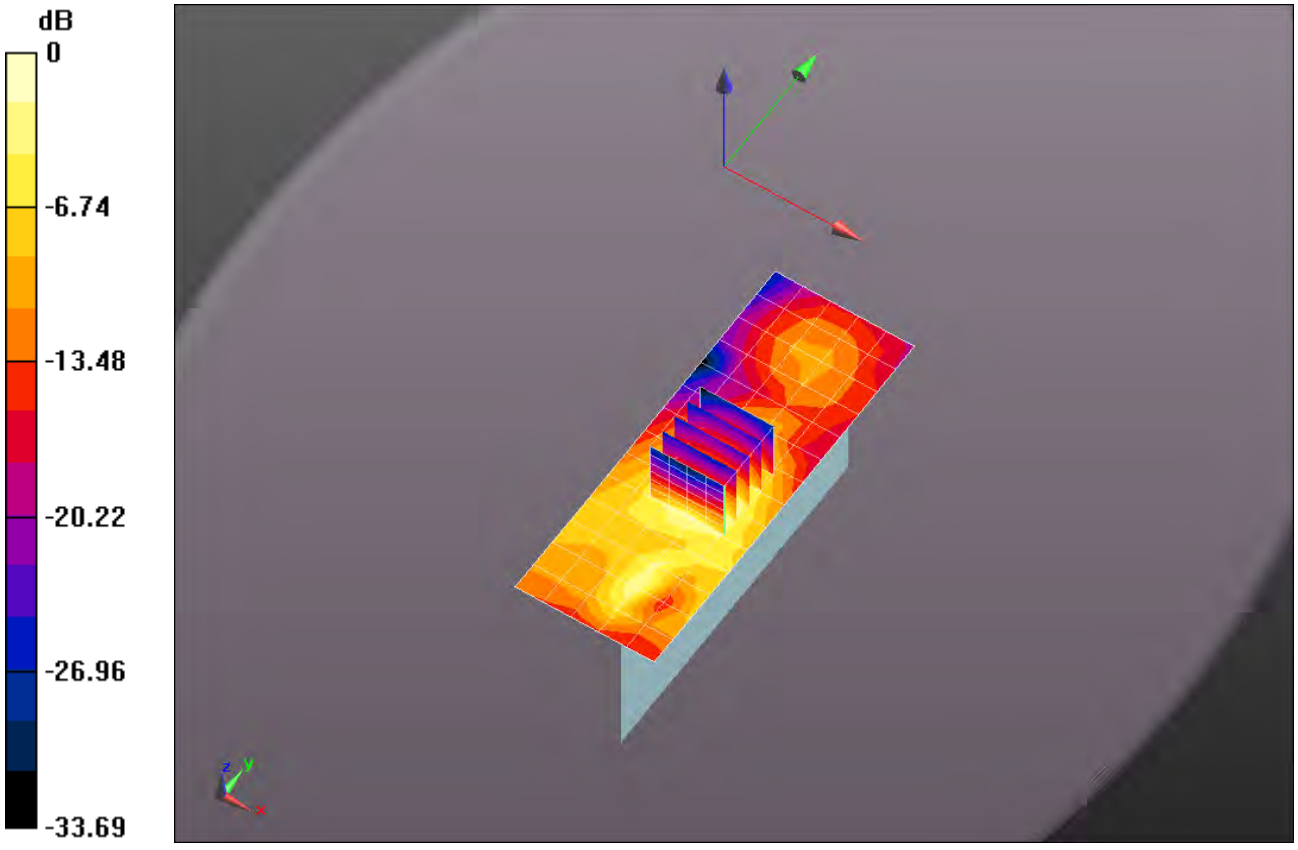
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUE

Communication System: UMTS-FDD (WCDMA); Frequency: 1733 MHz
Medium: MSL1750_Batch 100824-2
Medium parameters used: f = 1733 MHz; σ = 1.519 mho/m; ε_r = 51.956; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 21.7C; Medium Temperature: 19.3C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.1, 5.1, 5.1); Calibrated: 6/19/2013;
- 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: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Hot Spot_Full Power_12-30-2013 2/Right Edge 10mm/Area Scan (6x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.115 mW/g

Hot Spot_Full Power_12-30-2013 2/Right Edge 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.987 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.173 mW/g
SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.119 mW/g



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

Plot 108

Date/Time: 12/28/2013 2:37:42 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUE

Communication System: UMTS-FDD (WCDMA); Frequency: 837 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used (interpolated): f = 837 MHz; σ = 1.005 mho/m; ε_r = 53.251; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 21.7C; Medium Temperature: 20.7C;
Comments: ;
DASY Configuration:

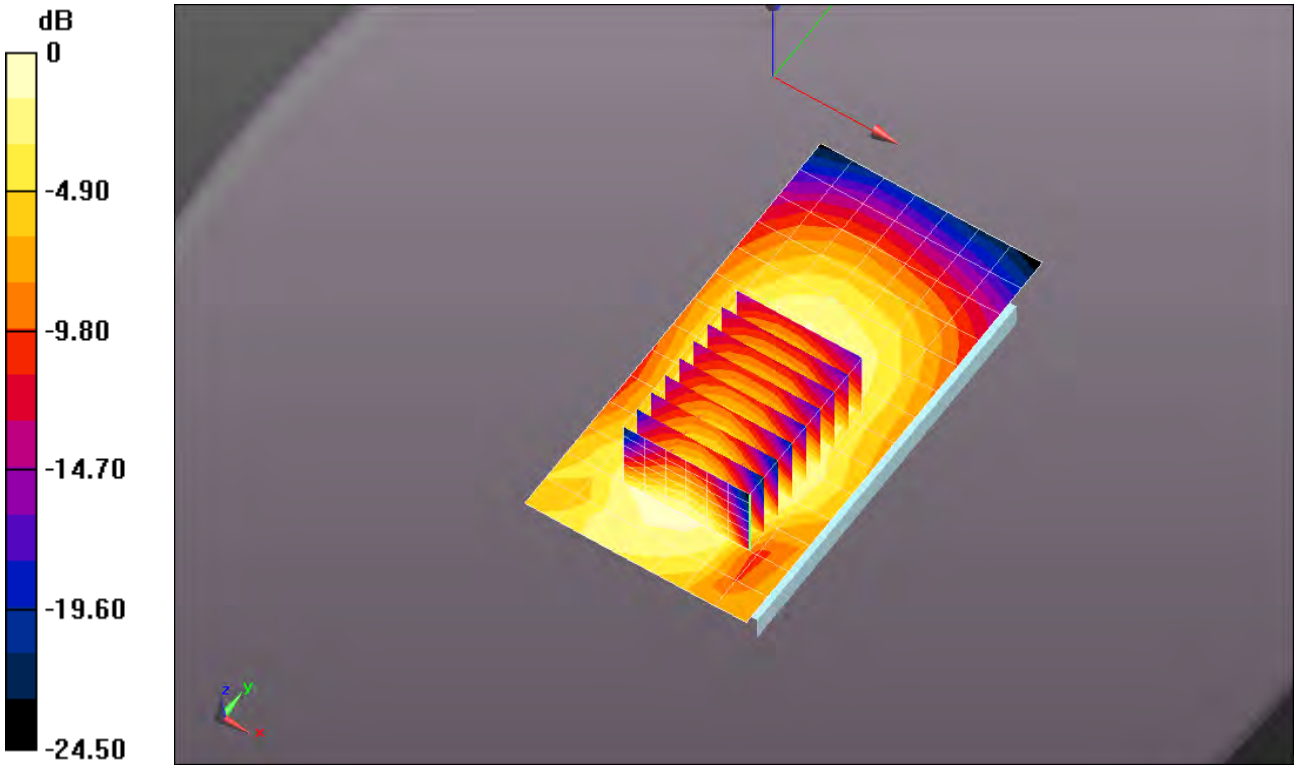
- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

HotSpot_Full Power/Front 10mm_836.6MHz/Area Scan (8x15x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.414 mW/g

HotSpot_Full Power/Front 10mm_836.6MHz/Zoom Scan (7x9x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.489 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.515 mW/g
SAR(1 g) = 0.395 mW/g; SAR(10 g) = 0.303 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.447 mW/g



0 dB = 0.414 mW/g = -7.66 dB mW/g

Plot 109

Date/Time: 12/28/2013 3:14:20 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUE

Communication System: UMTS-FDD (WCDMA); Frequency: 837 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used (interpolated): f = 837 MHz; σ = 1.005 mho/m; ε_r = 53.251; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 22C; Medium Temperature: 20.9C; Comments:
;
DASY Configuration:

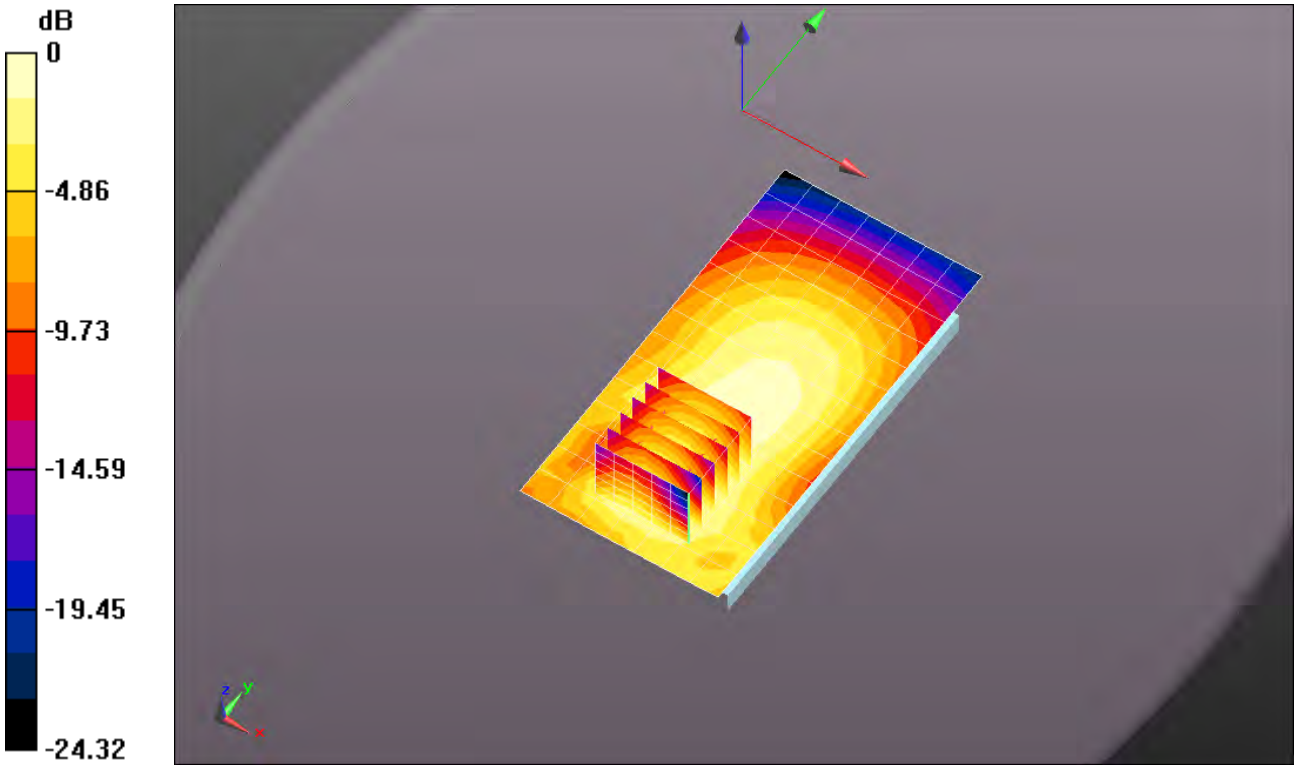
- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

HotSpot_Full Power/Back 10mm_836.6MHz/Area Scan (8x15x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.470 mW/g

HotSpot_Full Power/Back 10mm_836.6MHz/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.281 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.517 mW/g
SAR(1 g) = 0.427 mW/g; SAR(10 g) = 0.329 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.456 mW/g



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

Plot 110

Date/Time: 12/28/2013 3:48:56 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUE

Communication System: UMTS-FDD (WCDMA); Frequency: 837 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used (interpolated): f = 837 MHz; σ = 1.005 mho/m; ε_r = 53.251; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 22.2C; Medium Temperature: 21.1C;
Comments: ;
DASY Configuration:

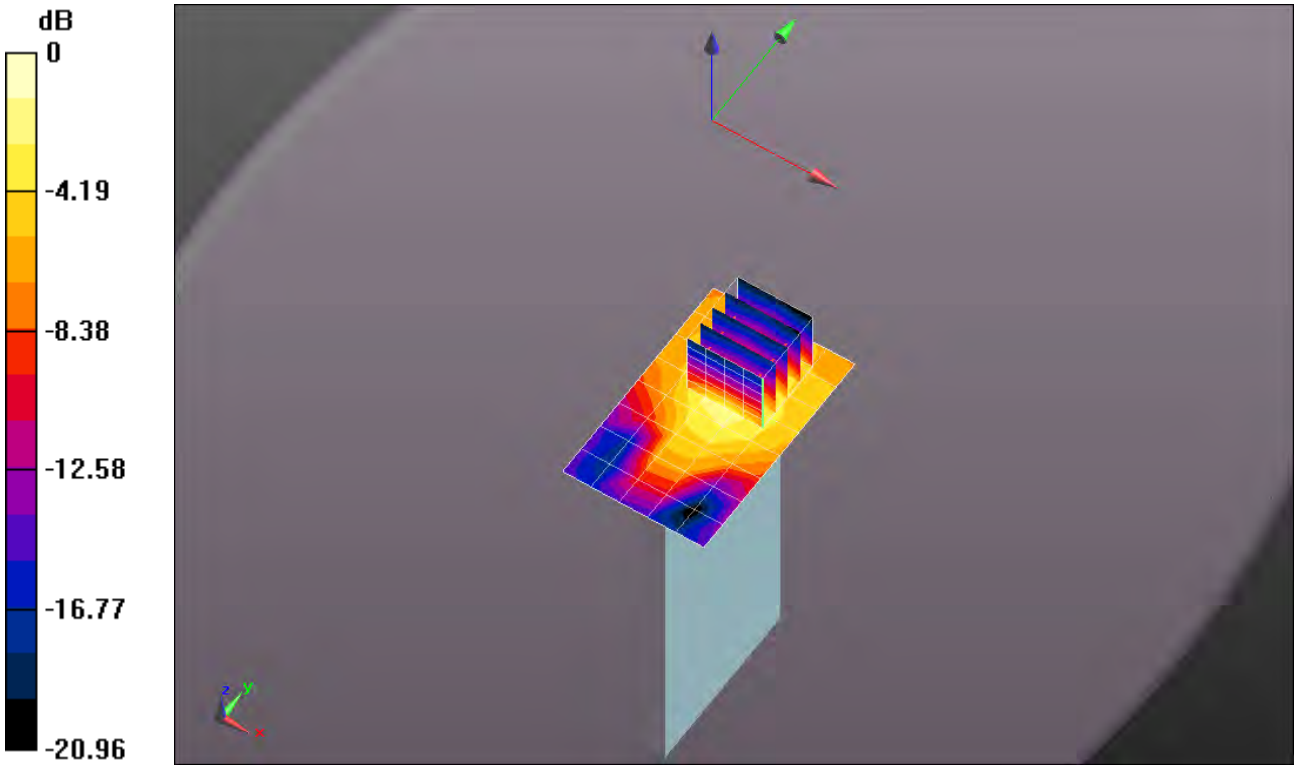
- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

HotSpot_Full Power/Bottom Edge 10mm_836.6MHz/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.107 mW/g

HotSpot_Full Power/Bottom Edge 10mm_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.631 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.193 mW/g
SAR(1 g) = 0.096 mW/g; SAR(10 g) = 0.049 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.125 mW/g



0 dB = 0.107 mW/g = -19.41 dB mW/g

Plot 111

Date/Time: 12/29/2013 6:41:04 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: GSM-CB5A1W5TUE

Communication System: UMTS-FDD (WCDMA); Frequency: 837 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used (interpolated): f = 837 MHz; σ = 1.017 S/m; ε_r = 53.071; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 21.3C; Medium Temperature: 20.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Left Edge Retest/Left Edge 10mm_836.6MHz/Area Scan (6x15x1): Measurement grid: dx=12mm, dy=12mm

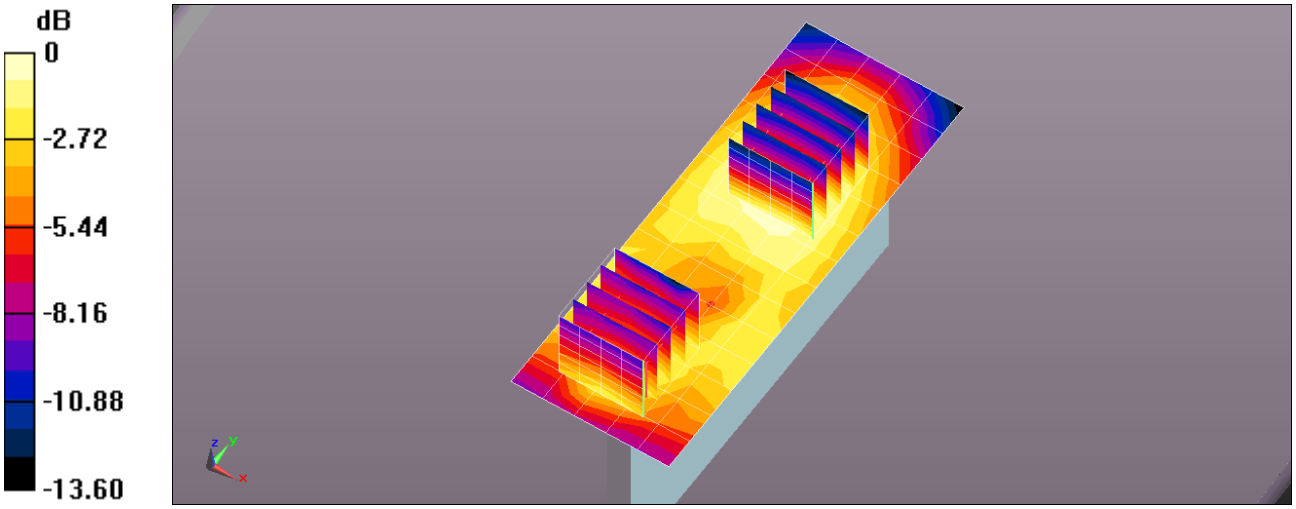
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0784 W/kg

Left Edge Retest/Left Edge 10mm_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.514 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.154 W/kg
SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.032 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0939 W/kg

Left Edge Retest/Left Edge 10mm_836.6MHz/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.514 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.0990 W/kg
SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.053 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0828 W/kg



0 dB = 0.0784 W/kg = -11.06 dBW/kg

Plot 112

Date/Time: 12/28/2013 5:21:04 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUE

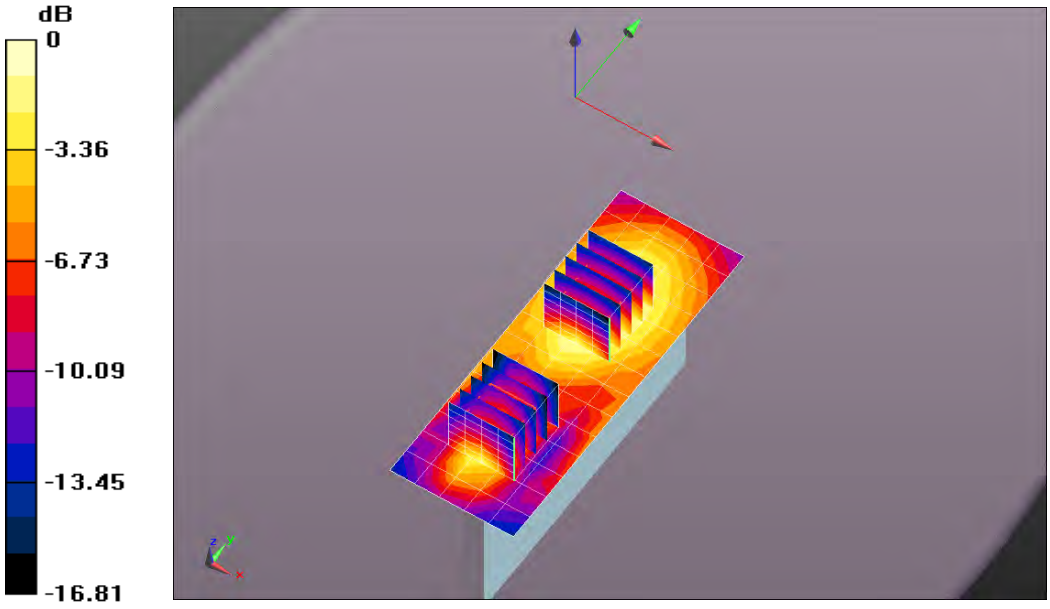
Communication System: UMTS-FDD (WCDMA); Frequency: 837 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used (interpolated): f = 837 MHz; σ = 1.005 mho/m; ε_r = 53.251; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 21.6C; Medium Temperature: 20.7C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

HotSpot_Full Power/Right Edge 10mm_836.6MHz/Area Scan (6x15x1): Measurement grid: dx=12mm, dy=12mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.145 mW/g

HotSpot_Full Power/Right Edge 10mm_836.6MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.525 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.206 mW/g
SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.052 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.135 mW/g

HotSpot_Full Power/Right Edge 10mm_836.6MHz/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.525 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.180 mW/g
SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.087 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.150 mW/g



0 dB = 0.145 mW/g = -16.77 dB mW/g

Plot 113

Date/Time: 12/30/2013 9:47:00 AM

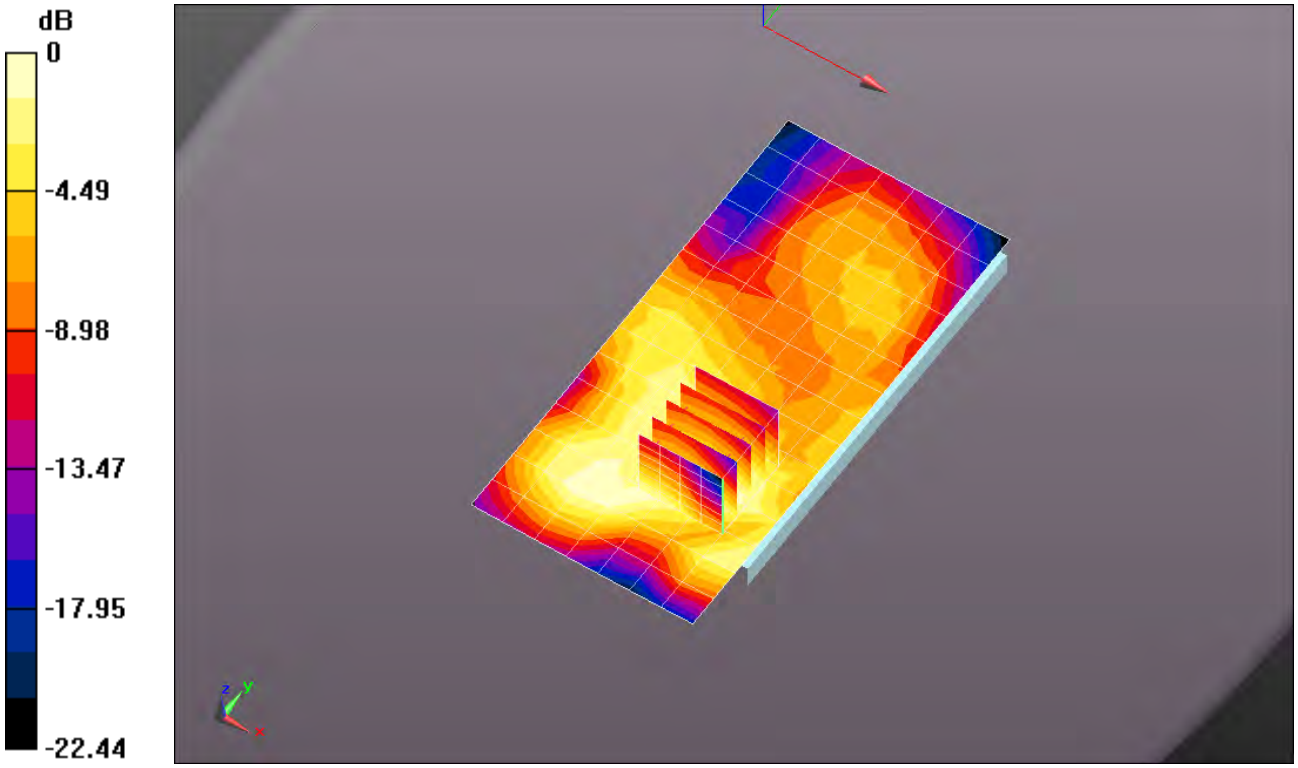
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUN

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1880 MHz
Medium: MSL1900_Batch 110530-3
Medium parameters used: f = 1880 MHz; σ = 1.521 mho/m; ε_r = 50.865; 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: 20C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section/Front 10mm_1RB/Area Scan (8x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.610 mW/g

Flat-Section/Front 10mm_1RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.552 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.772 mW/g
SAR(1 g) = 0.523 mW/g; SAR(10 g) = 0.326 mW/g
Maximum value of SAR (measured) = 0.601 mW/g



0 dB = 0.610 mW/g = -4.29 dB mW/g

Plot 114

Date/Time: 12/30/2013 11:06:49 AM

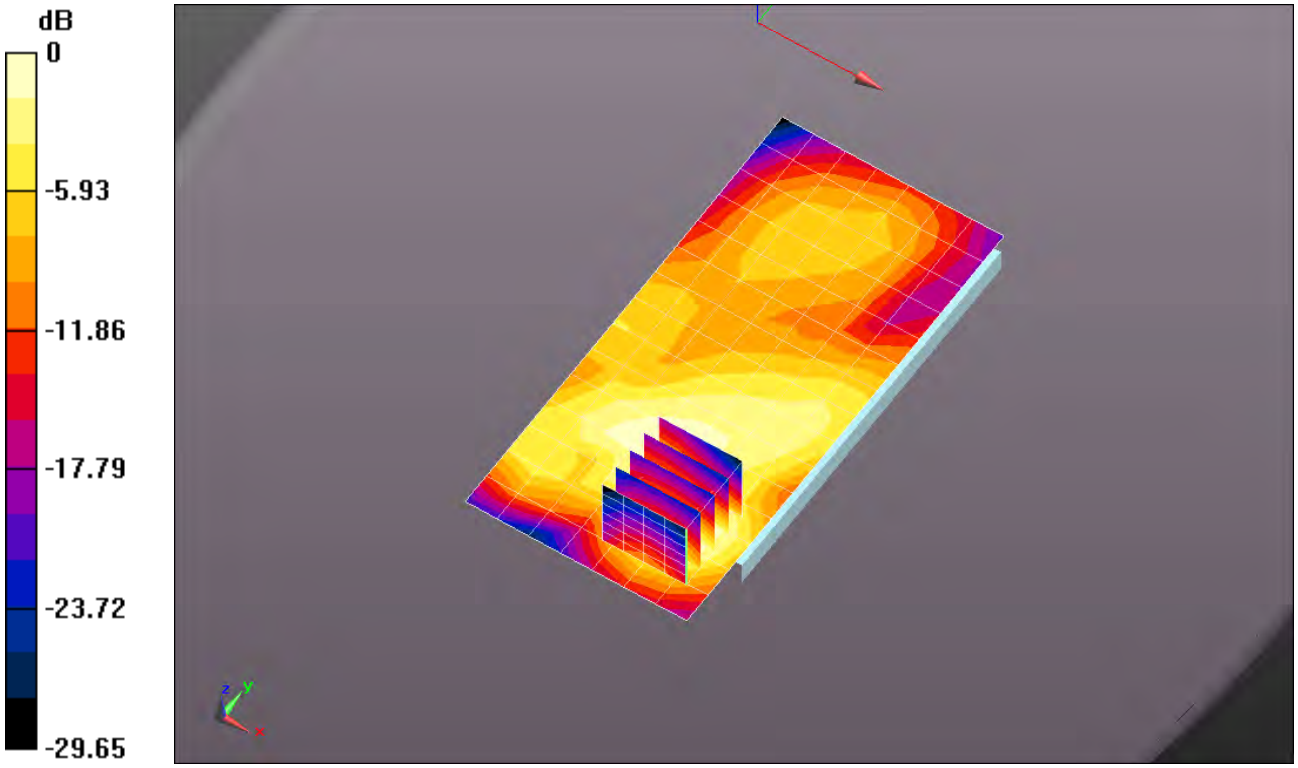
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUN

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1880 MHz
Medium: MSL1900_Batch 110530-3
Medium parameters used: f = 1880 MHz; σ = 1.521 mho/m; ε_r = 50.865; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.3C; Medium Temperature: 20C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section/Back 10mm_1RB/Area Scan (8x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.725 mW/g

Flat-Section/Back 10mm_1RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.100 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.144 mW/g
SAR(1 g) = 0.656 mW/g; SAR(10 g) = 0.362 mW/g
Maximum value of SAR (measured) = 0.813 mW/g



0 dB = 0.725 mW/g = -2.79 dB mW/g

Plot 115

Date/Time: 12/30/2013 11:39:46 AM

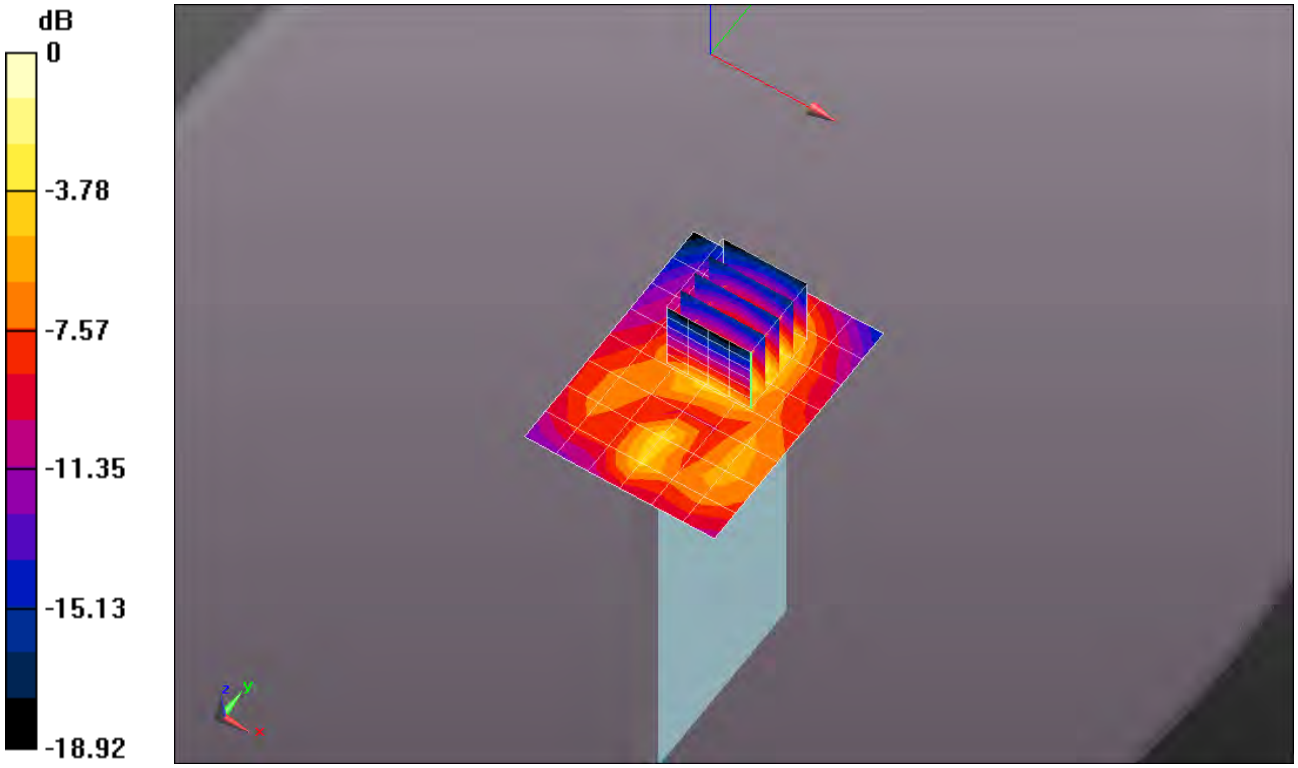
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUN

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1880 MHz
Medium: MSL1900_Batch 110530-3
Medium parameters used: f = 1880 MHz; σ = 1.521 mho/m; ε_r = 50.865; 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: 20.6C; Medium Temperature: 20C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section/Bottom Edge 10mm_1RB/Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.316 mW/g

Flat-Section/Bottom Edge 10mm_1RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.421 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.490 mW/g
SAR(1 g) = 0.262 mW/g; SAR(10 g) = 0.128 mW/g
Maximum value of SAR (measured) = 0.344 mW/g



0 dB = 0.316 mW/g = -10.00 dB mW/g

Plot 116

Date/Time: 12/30/2013 1:24:52 PM

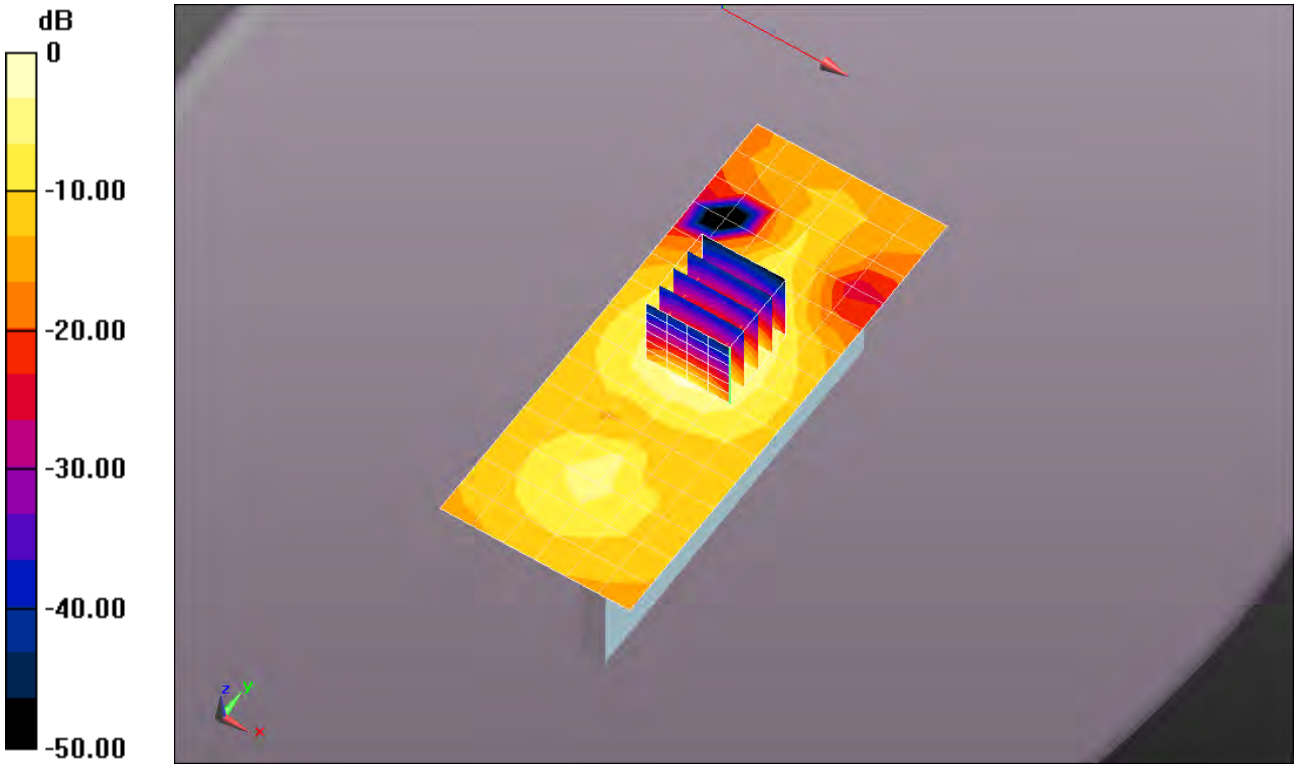
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUN

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1880 MHz
Medium: MSL1900_Batch 110530-3
Medium parameters used: f = 1880 MHz; σ = 1.521 mho/m; ε_r = 50.865; 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: 20C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section/Left Edge 10mm_1RB/Area Scan (7x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.365 mW/g

Flat-Section/Left Edge 10mm_1RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.183 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.539 mW/g
SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.160 mW/g
Maximum value of SAR (measured) = 0.381 mW/g



0 dB = 0.365 mW/g = -8.76 dB mW/g

Plot 117

Date/Time: 12/30/2013 1:45:05 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUN

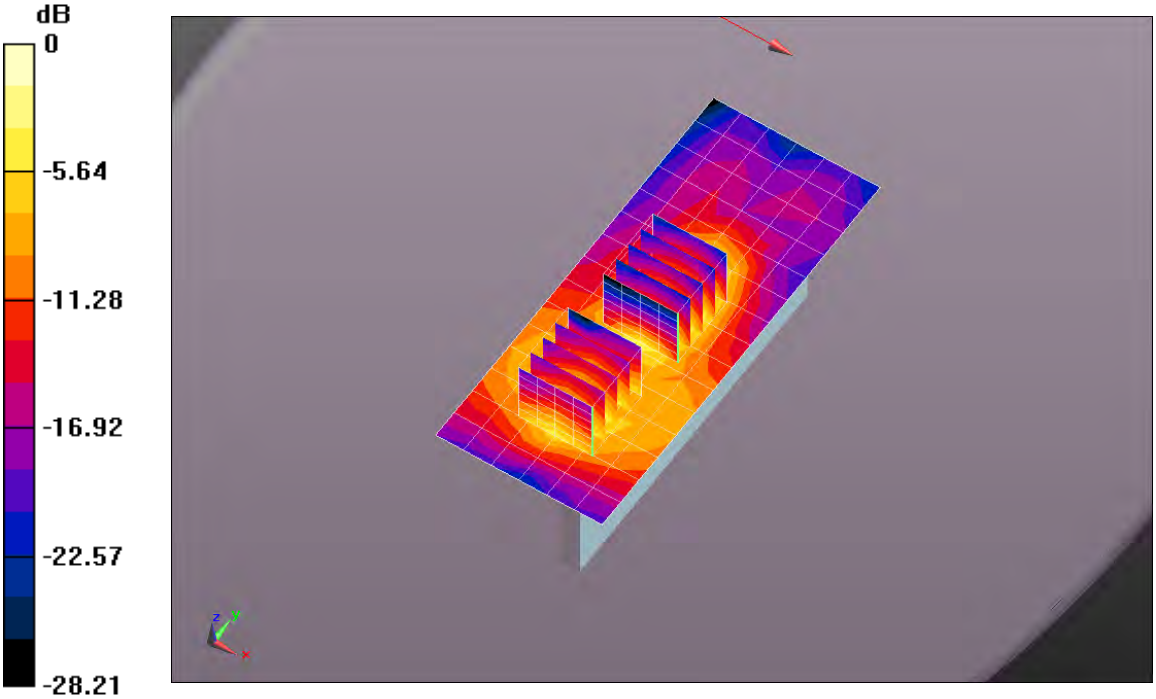
Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1880 MHz
Medium: MSL1900_Batch 110530-3
Medium parameters used: f = 1880 MHz; σ = 1.521 mho/m; ε_r = 50.865; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.C; Medium Temperature: 20C; Comments:
;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section/Right Edge 10mm_1RB/Area Scan (7x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.289 mW/g

Flat-Section/Right Edge 10mm_1RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.069 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.434 mW/g
SAR(1 g) = 0.240 mW/g; SAR(10 g) = 0.122 mW/g
Maximum value of SAR (measured) = 0.303 mW/g

Flat-Section/Right Edge 10mm_1RB/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.069 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.352 mW/g
SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.066 mW/g
Maximum value of SAR (measured) = 0.232 mW/g



0 dB = 0.289 mW/g = -10.78 dB mW/g

Plot 118

Date/Time: 1/2/2014 11:47:37 AM

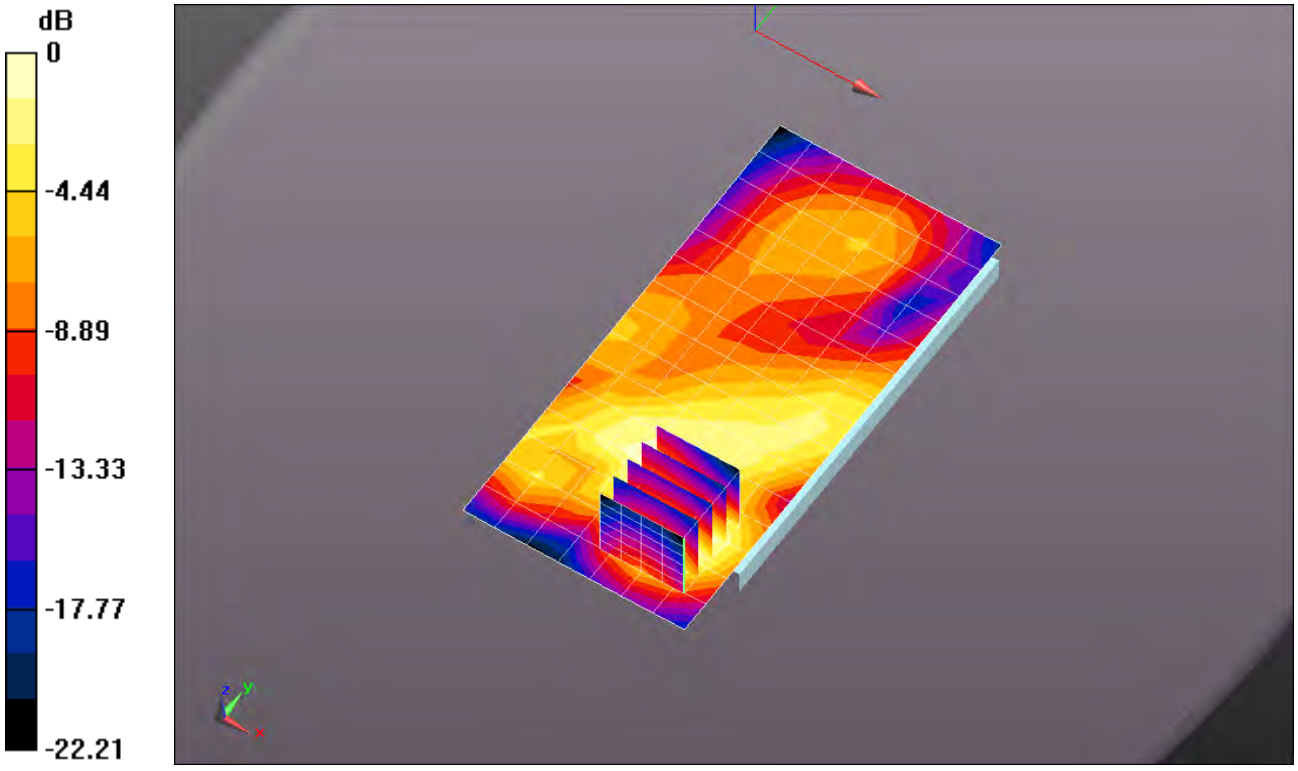
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUN

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1860 MHz
Medium: MSL1900_Batch 110530-3
Medium parameters used: f = 1860 MHz; σ = 1.519 mho/m; ε_r = 51.283; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.6C; Medium Temperature: 20.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section WC/Back 10mm_1RB_Low Ch./Area Scan (8x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.650 mW/g

Flat-Section WC/Back 10mm_1RB_Low Ch./Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.735 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.031 mW/g
SAR(1 g) = 0.606 mW/g; SAR(10 g) = 0.335 mW/g
Maximum value of SAR (measured) = 0.741 mW/g



0 dB = 0.650 mW/g = -3.75 dB mW/g

Plot 119

Date/Time: 1/2/2014 12:49:52 PM

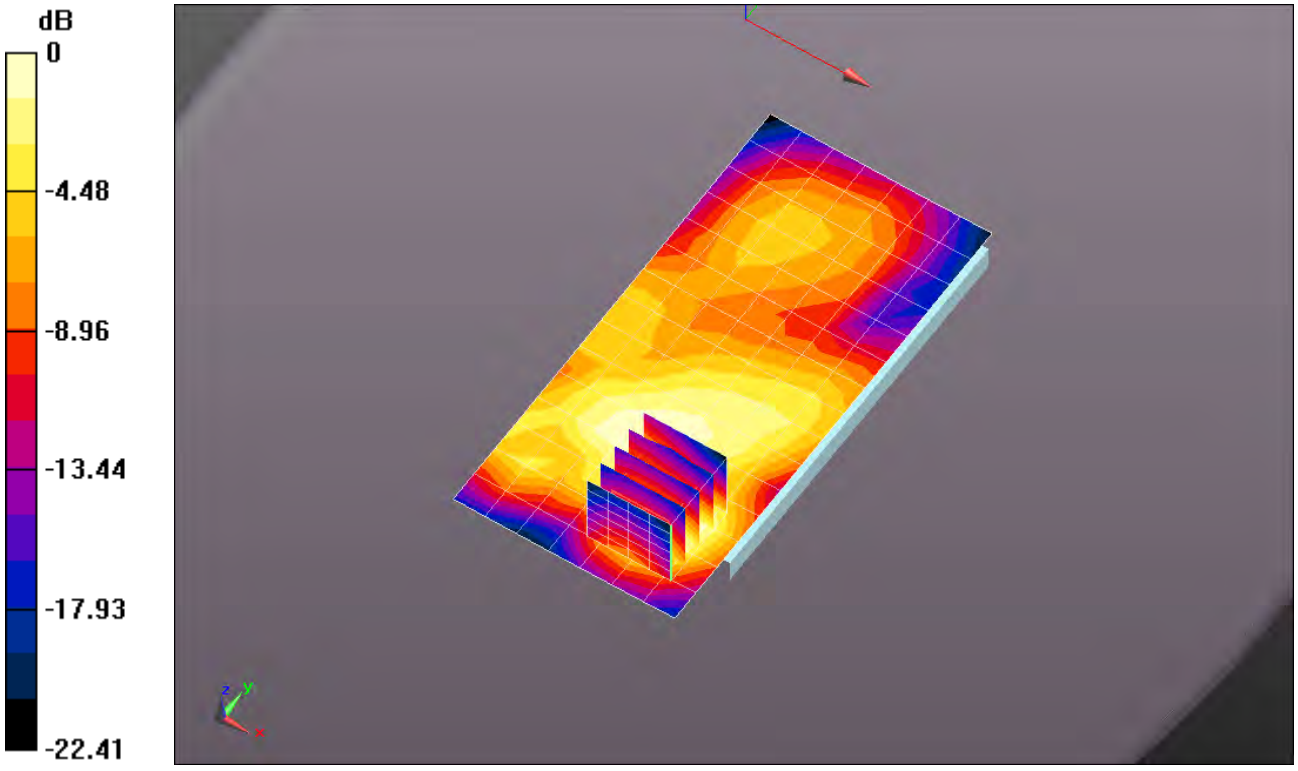
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUN

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1900 MHz
Medium: MSL1900_Batch 110530-3
Medium parameters used: f = 1900 MHz; σ = 1.565 mho/m; ε_r = 51.138; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.8C; Medium Temperature: 20.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section WC/Back 10mm_1RB_High Ch./Area Scan (8x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.719 mW/g

Flat-Section WC/Back 10mm_1RB_High Ch./Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.136 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.093 mW/g
SAR(1 g) = 0.628 mW/g; SAR(10 g) = 0.344 mW/g
Maximum value of SAR (measured) = 0.810 mW/g



0 dB = 0.719 mW/g = -2.87 dB mW/g

Plot 120

Date/Time: 12/30/2013 10:16:05 AM

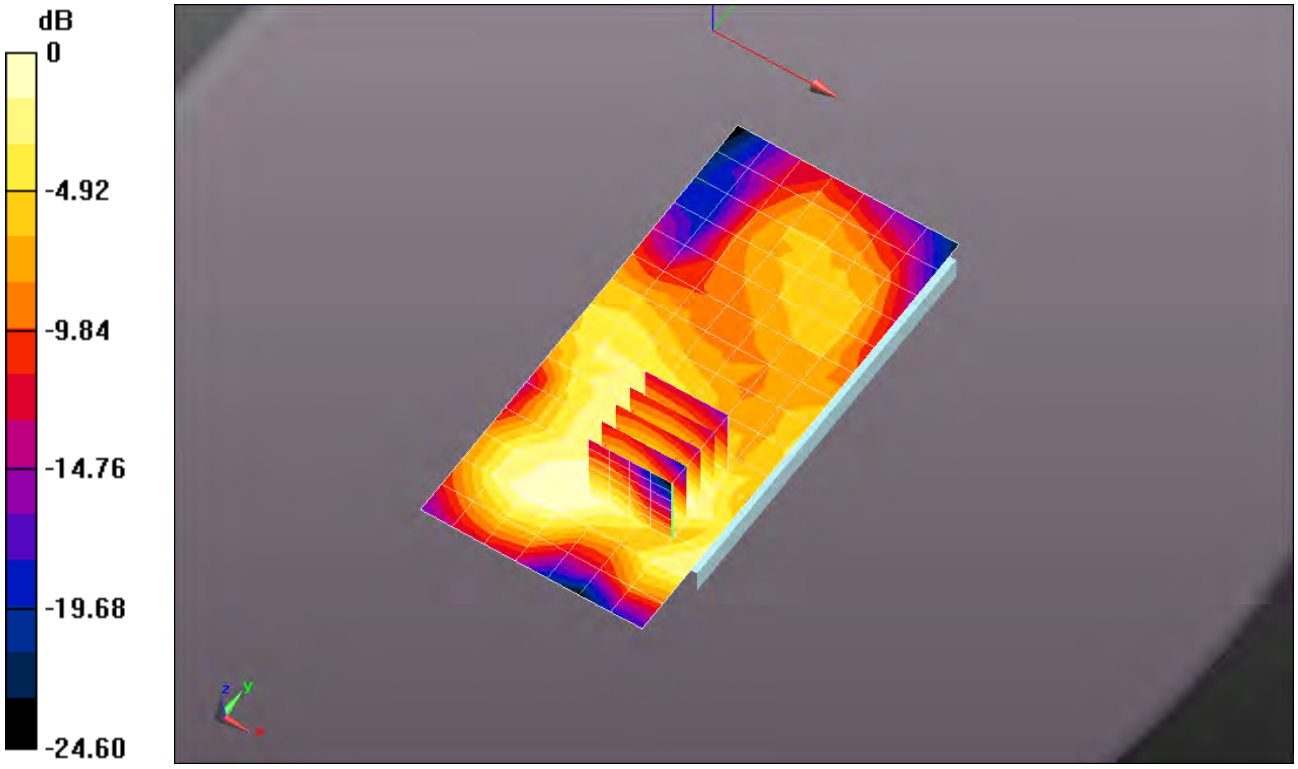
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUN

Communication System: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 1880 MHz
Medium: MSL1900_Batch 110530-3
Medium parameters used: f = 1880 MHz; σ = 1.521 mho/m; ε_r = 50.865; 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: 20.8C; Medium Temperature: 20C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 2/Front 10mm_50RB,0/Area Scan (8x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.495 mW/g

Flat-Section 2/Front 10mm_50RB,0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.782 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.630 mW/g
SAR(1 g) = 0.420 mW/g; SAR(10 g) = 0.259 mW/g
Maximum value of SAR (measured) = 0.483 mW/g



0 dB = 0.495 mW/g = -6.10 dB mW/g

Plot 121

Date/Time: 12/30/2013 10:44:22 AM

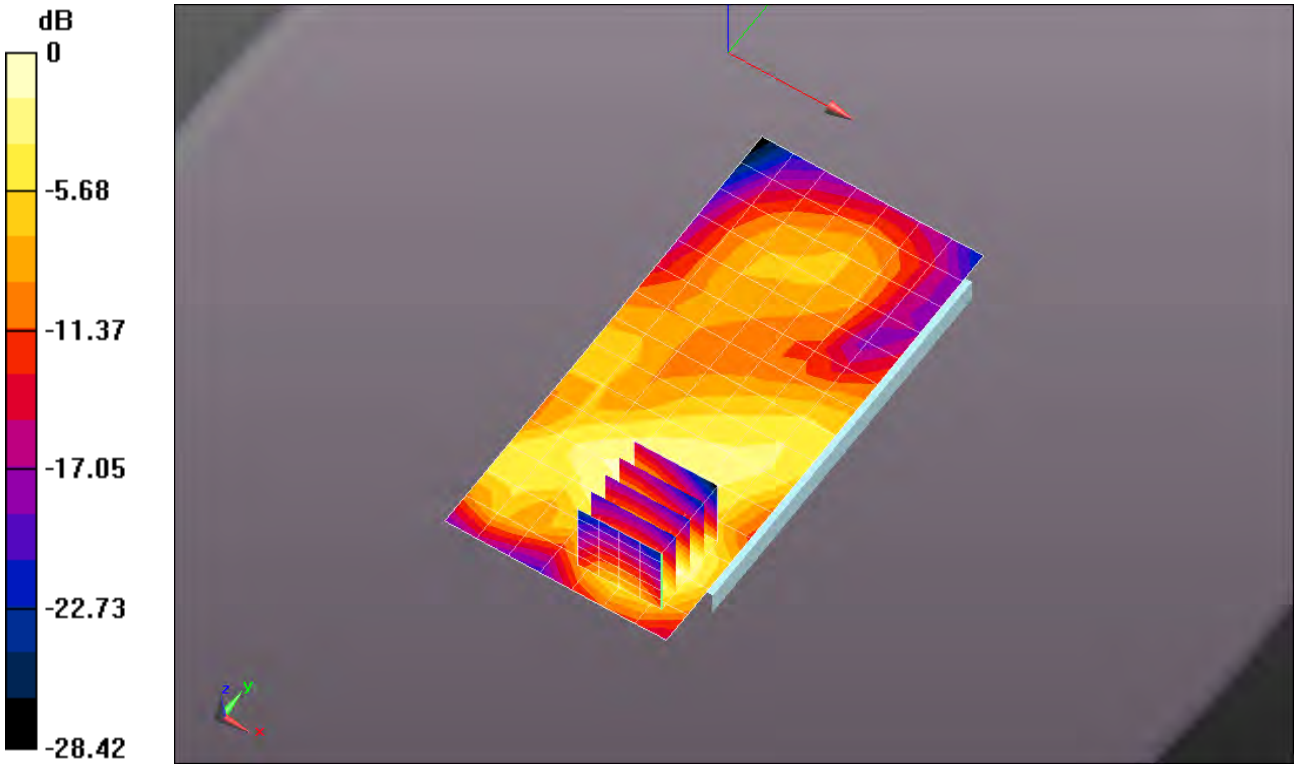
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUN

Communication System: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 1880 MHz
Medium: MSL1900_Batch 110530-3
Medium parameters used: f = 1880 MHz; σ = 1.521 mho/m; ε_r = 50.865; 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: 20C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 2/Back 10mm_50RB,0/Area Scan (8x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.669 mW/g

Flat-Section 2/Back 10mm_50RB,0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.049 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.932 mW/g
SAR(1 g) = 0.532 mW/g; SAR(10 g) = 0.292 mW/g
Maximum value of SAR (measured) = 0.652 mW/g



0 dB = 0.669 mW/g = -3.50 dB mW/g

Plot 122

Date/Time: 12/30/2013 12:18:02 PM

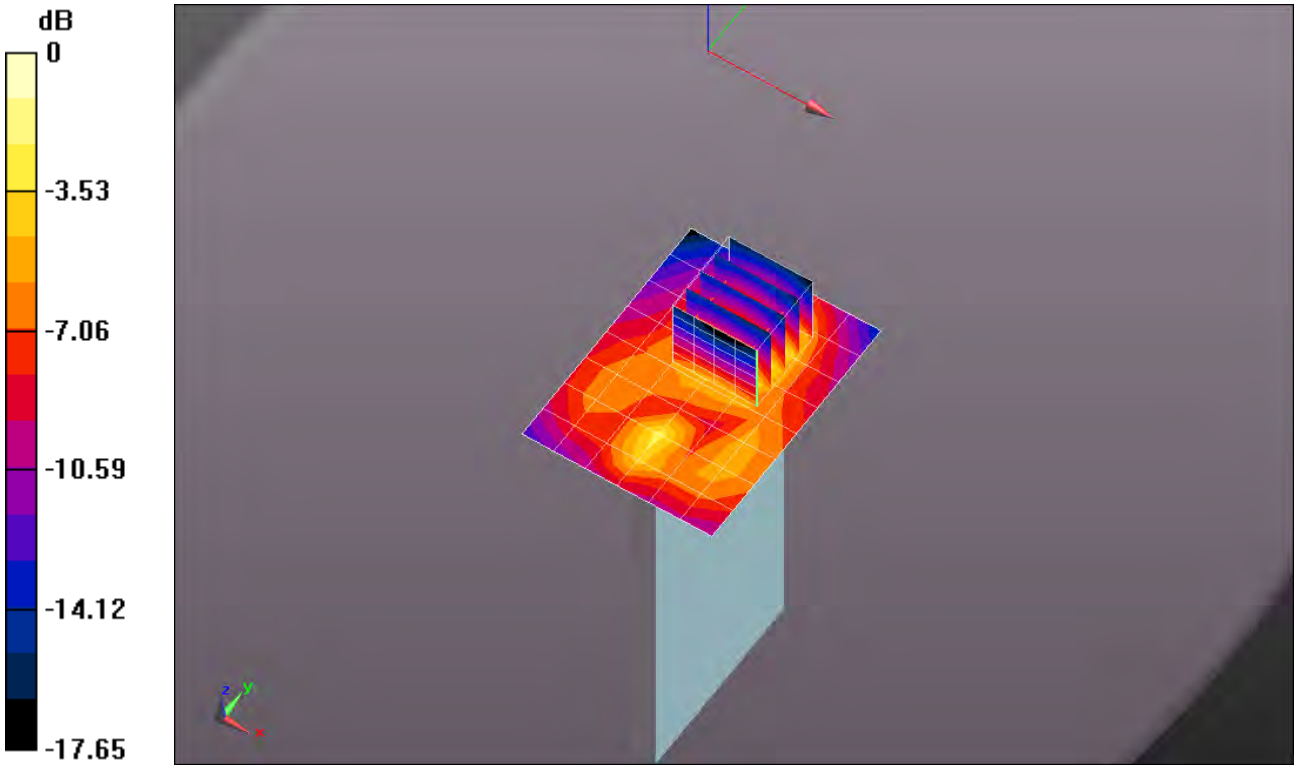
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUN

Communication System: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 1880 MHz
Medium: MSL1900_Batch 110530-3
Medium parameters used: f = 1880 MHz; σ = 1.521 mho/m; ε_r = 50.865; 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: 20.8C; Medium Temperature: 20C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 2/Bottom Edge 10mm_50RB,0/Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.221 mW/g

Flat-Section 2/Bottom Edge 10mm_50RB,0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.065 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.401 mW/g
SAR(1 g) = 0.210 mW/g; SAR(10 g) = 0.103 mW/g
Maximum value of SAR (measured) = 0.278 mW/g



0 dB = 0.221 mW/g = -13.10 dB mW/g

Plot 123

Date/Time: 12/30/2013 1:03:51 PM

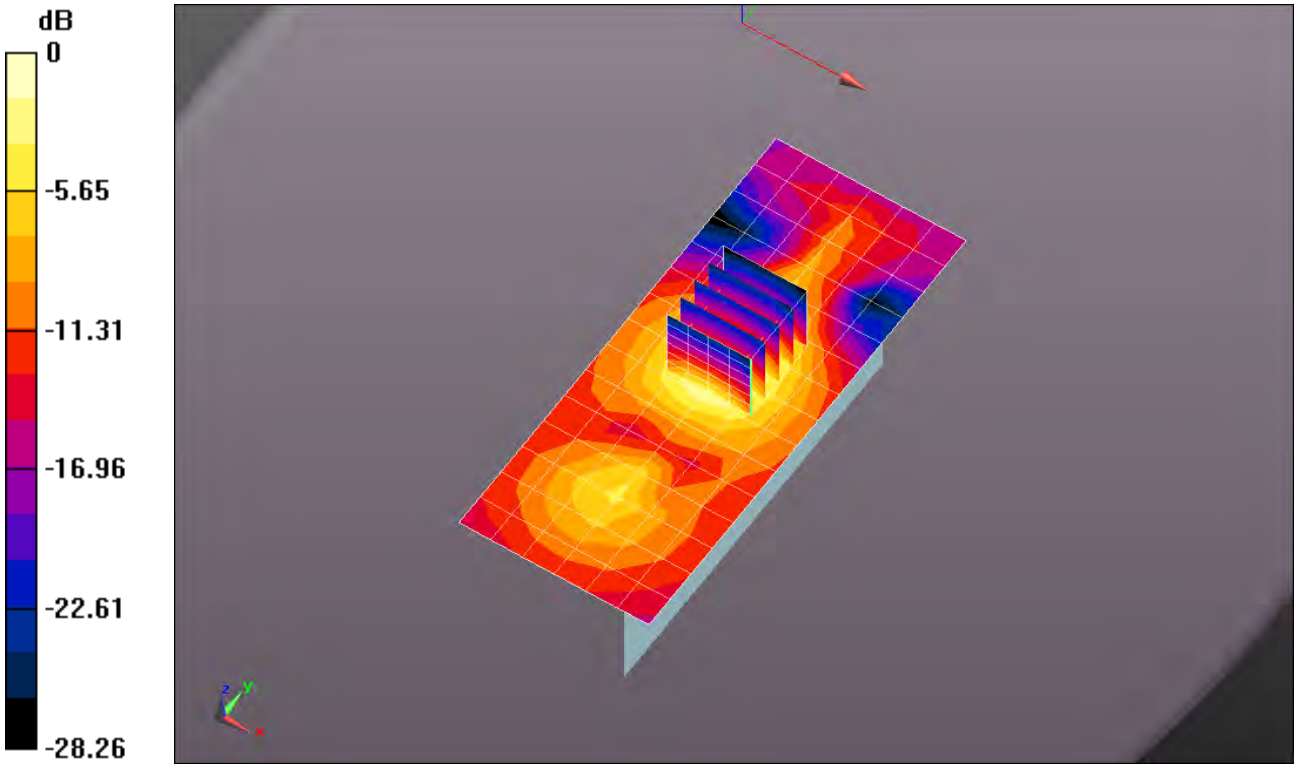
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUN

Communication System: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 1880 MHz
Medium: MSL1900_Batch 110530-3
Medium parameters used: f = 1880 MHz; σ = 1.521 mho/m; ε_r = 50.865; 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: 21.0C; Medium Temperature: 20C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 2/Left Edge 10mm_50RB,0/Area Scan (7x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.301 mW/g

Flat-Section 2/Left Edge 10mm_50RB,0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.858 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.450 mW/g
SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.132 mW/g
Maximum value of SAR (measured) = 0.317 mW/g



0 dB = 0.301 mW/g = -10.43 dB mW/g

Plot 124

Date/Time: 12/30/2013 3:38:28 PM

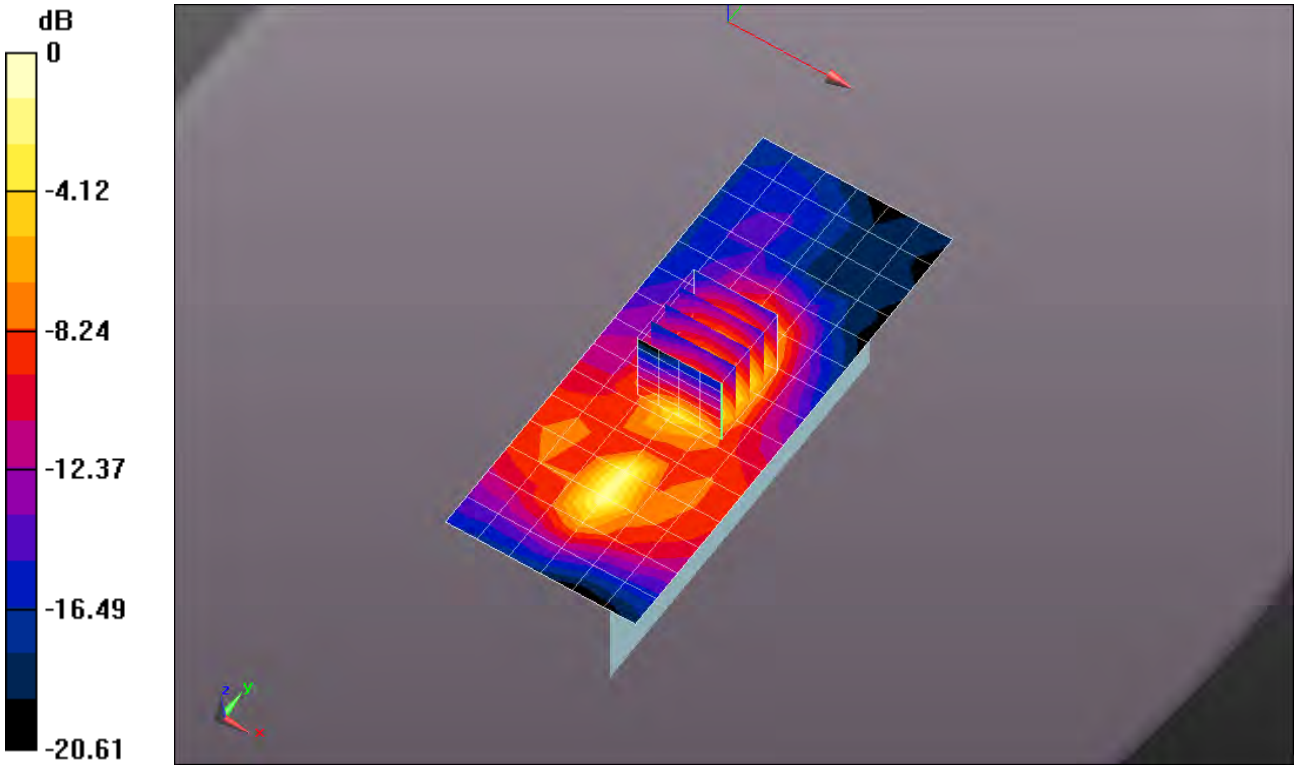
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUN

Communication System: LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 1880 MHz
Medium: MSL1900_Batch 110530-3
Medium parameters used: f = 1880 MHz; σ = 1.521 mho/m; ε_r = 50.865; 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: 20.6C; Medium Temperature: 20C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section 2/Right Edge 10mm_50RB,0/Area Scan (7x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.219 mW/g

Flat-Section 2/Right Edge 10mm_50RB,0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.490 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.334 mW/g
SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.093 mW/g
Maximum value of SAR (measured) = 0.233 mW/g



0 dB = 0.219 mW/g = -13.18 dB mW/g

Plot 125

Date/Time: 1/2/2014 4:19:39 PM

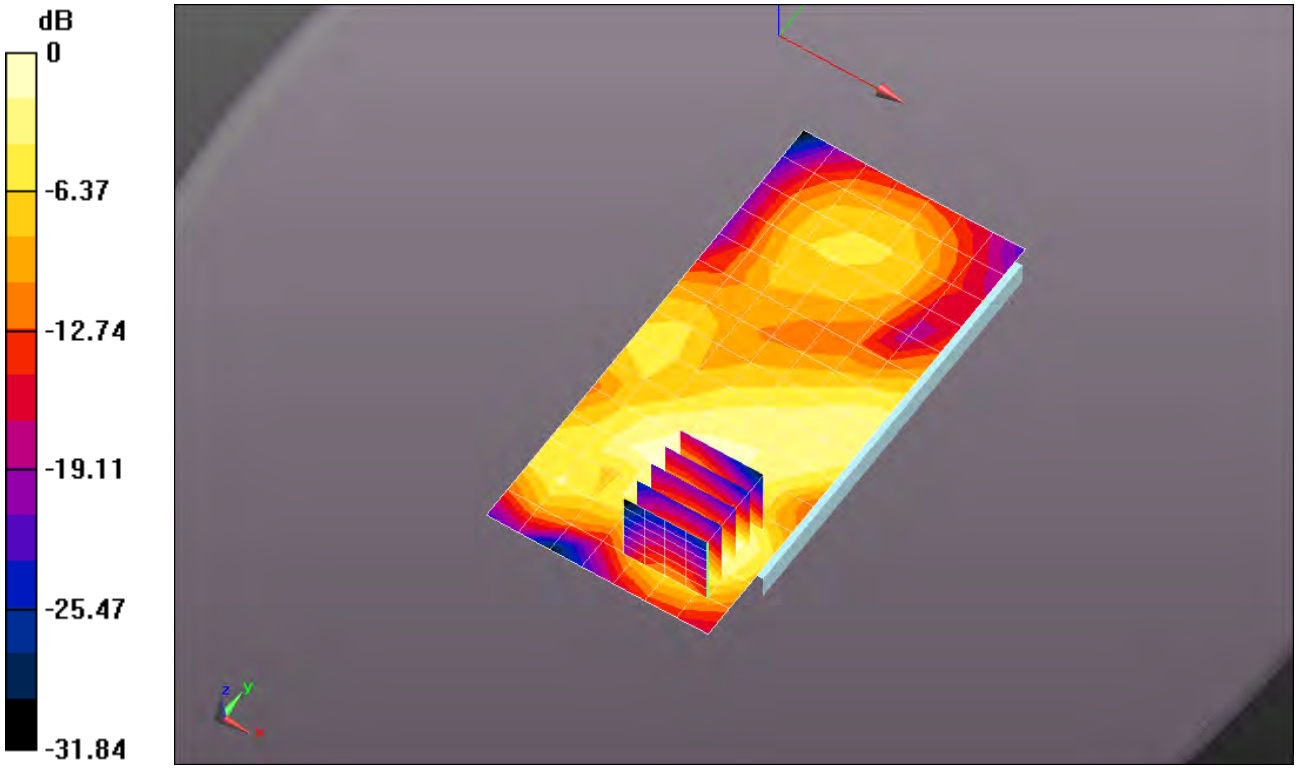
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUN

Communication System: LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 1860 MHz
Medium: MSL1900_Batch 110530-3
Medium parameters used: f = 1860 MHz; σ = 1.519 mho/m; ε_r = 51.283; 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: 20.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Flat-Section WC/Back 10mm_100RB_Low Ch./Area Scan (8x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.509 mW/g

Flat-Section WC/Back 10mm_100RB_Low Ch./Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.019 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.788 mW/g
SAR(1 g) = 0.466 mW/g; SAR(10 g) = 0.260 mW/g
Maximum value of SAR (measured) = 0.567 mW/g



0 dB = 0.509 mW/g = -5.87 dB mW/g

Plot 126

Date/Time: 12/30/2013 1:03:09 AM

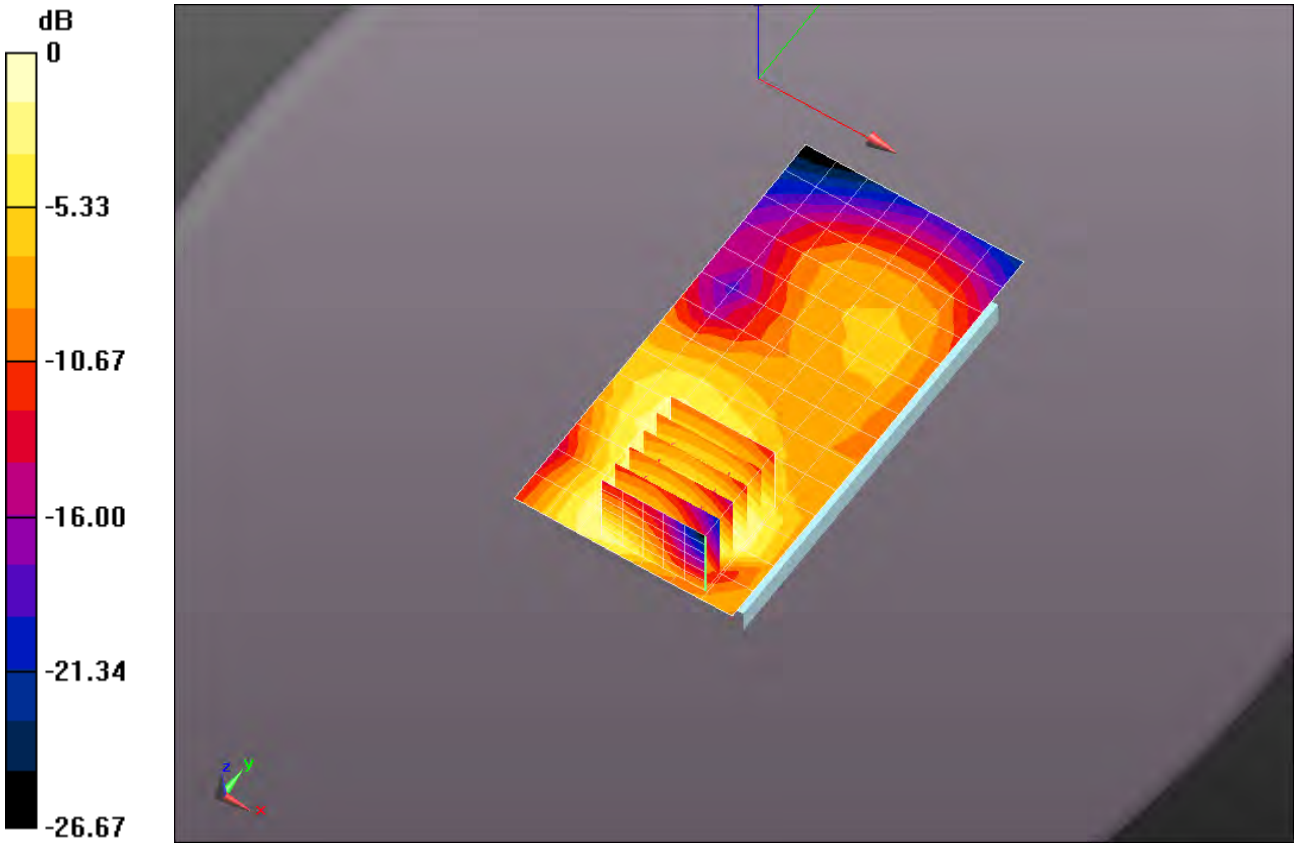
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUN

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1732 MHz
Medium: MSL1750_Batch 100824-2
Medium parameters used: f = 1732 MHz; σ = 1.483 mho/m; ε_r = 52.025; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 22.4C; Medium Temperature: 21C; Comments:
;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.1, 5.1, 5.1); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Hot Spot_Full Power/Front 10mm_1RB/Area Scan (8x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.689 mW/g

Hot Spot_Full Power/Front 10mm_1RB/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.116 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.902 mW/g
SAR(1 g) = 0.607 mW/g; SAR(10 g) = 0.391 mW/g
Maximum value of SAR (measured) = 0.690 mW/g



0 dB = 0.689 mW/g = -3.24 dB mW/g

Plot 127

Date/Time: 12/30/2013 1:32:25 AM

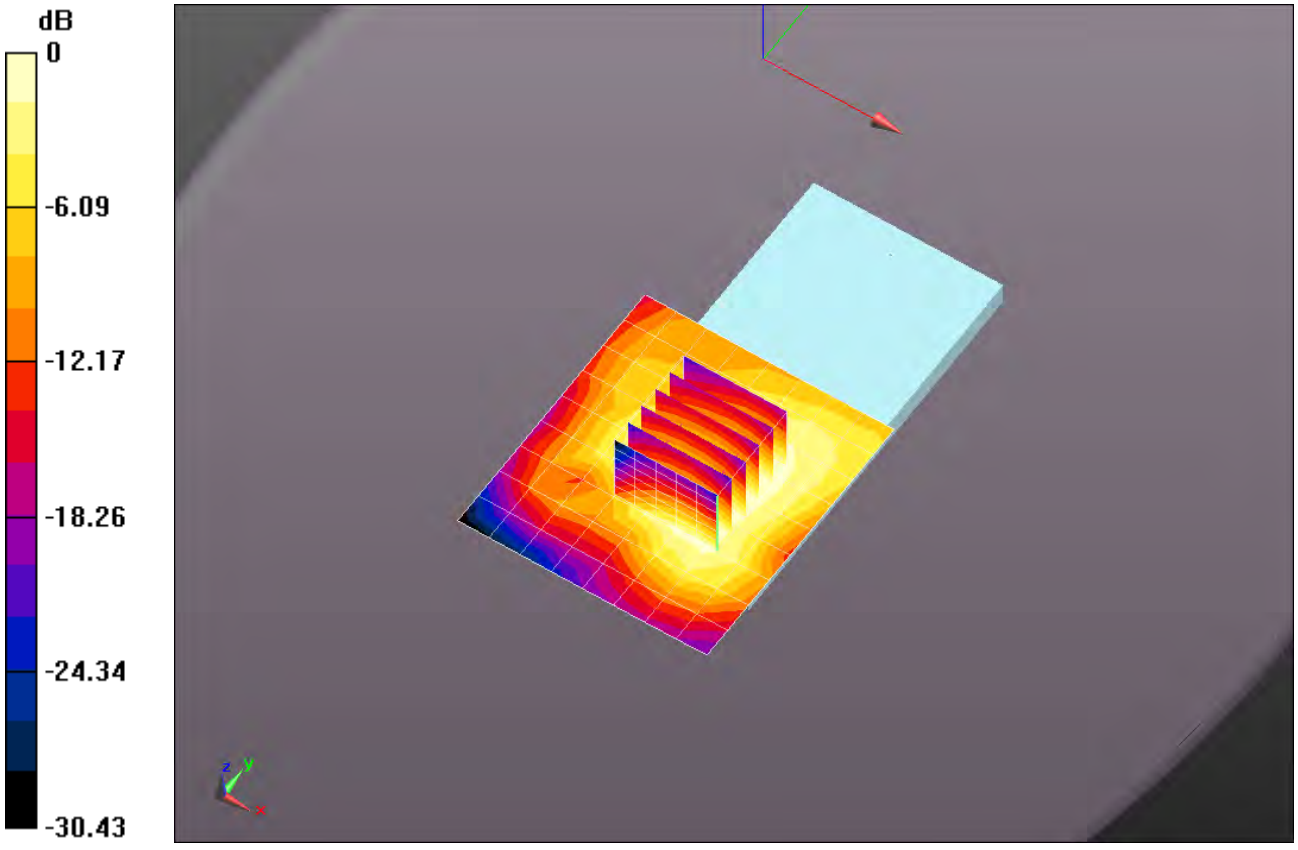
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUN

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1732 MHz
Medium: MSL1750_Batch 100824-2
Medium parameters used: f = 1732 MHz; σ = 1.483 mho/m; ε_r = 52.025; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 21.7C; Medium Temperature: 20.9C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.1, 5.1, 5.1); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Hot Spot_Full Power/Back 10mm_1RB/Area Scan (9x10x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.804 mW/g

Hot Spot_Full Power/Back 10mm_1RB/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.124 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.050 mW/g
SAR(1 g) = 0.728 mW/g; SAR(10 g) = 0.487 mW/g
Maximum value of SAR (measured) = 0.832 mW/g



0 dB = 0.804 mW/g = -1.90 dB mW/g

Plot 128

Date/Time: 12/30/2013 1:57:30 AM

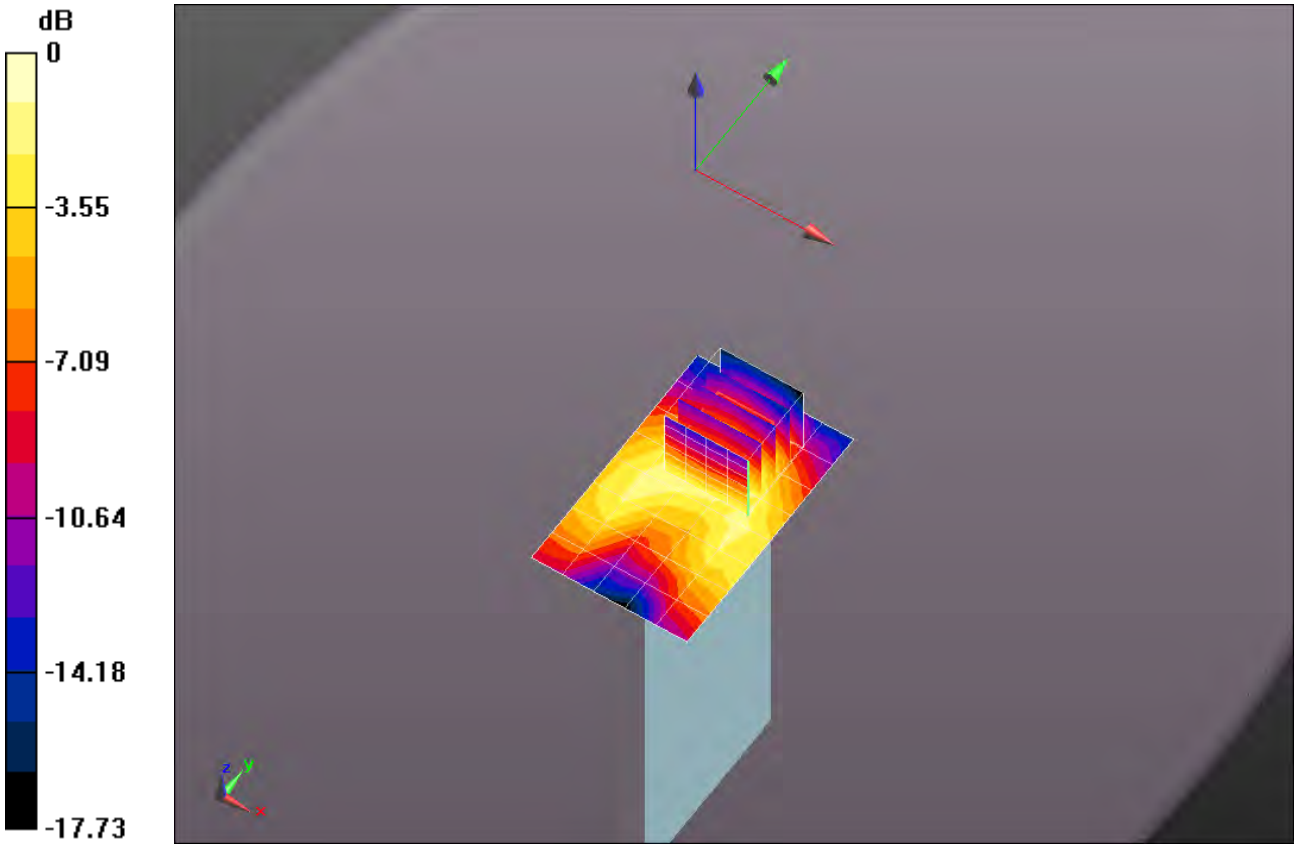
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUN

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1732 MHz
Medium: MSL1750_Batch 100824-2
Medium parameters used: f = 1732 MHz; σ = 1.483 mho/m; ε_r = 52.025; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 22.3C; Medium Temperature: 20.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.1, 5.1, 5.1); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Hot Spot_Full Power/Bottom Edge 10mm_1RB/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.156 mW/g

Hot Spot_Full Power/Bottom Edge 10mm_1RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.820 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.238 mW/g
SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.079 mW/g
Maximum value of SAR (measured) = 0.177 mW/g



0 dB = 0.156 mW/g = -16.14 dB mW/g

Plot 129

Date/Time: 12/30/2013 2:13:08 AM

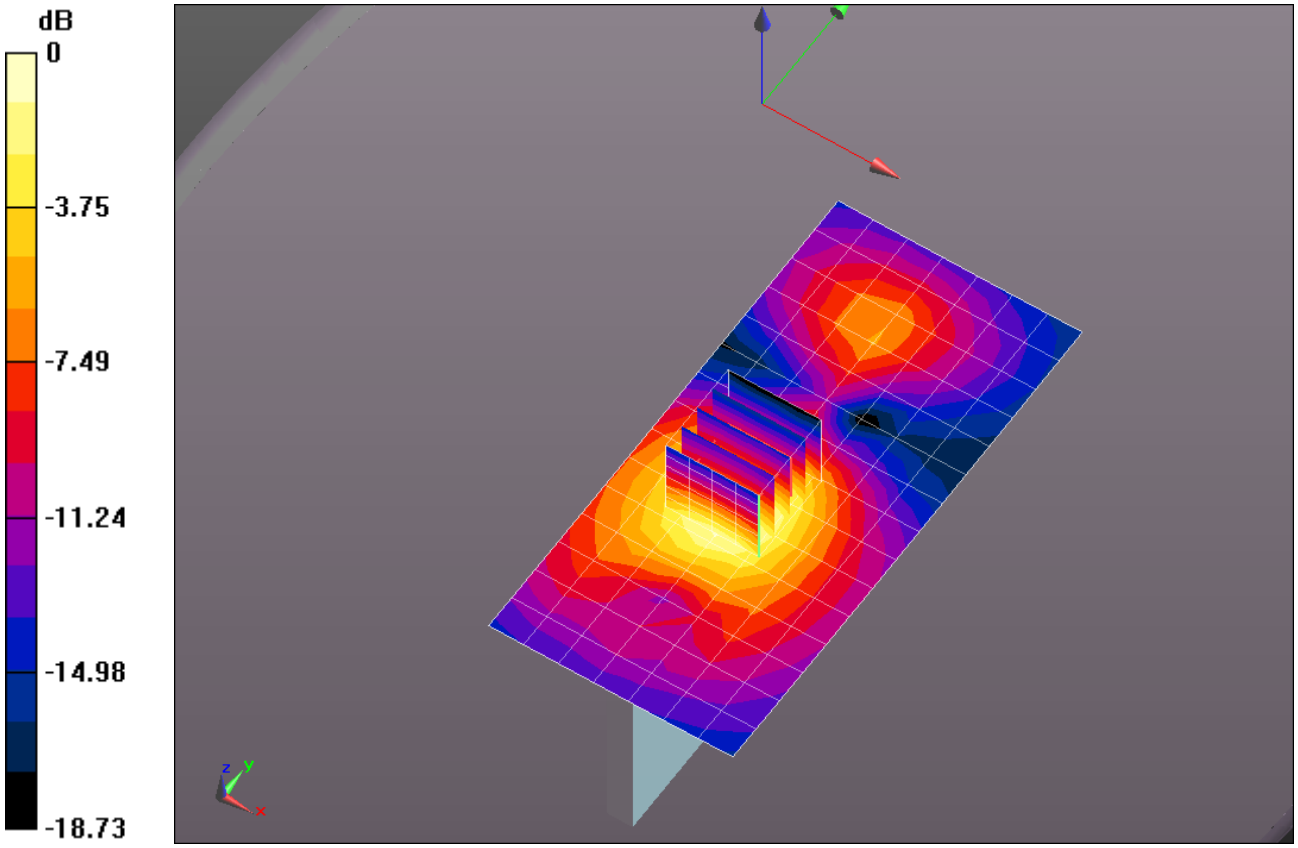
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUN

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1732 MHz
Medium: MSL1750_Batch 100824-2
Medium parameters used: f = 1732 MHz; σ = 1.483 mho/m; ε_r = 52.025; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 22.5C; Medium Temperature: 20.5C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.1, 5.1, 5.1); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Hot Spot_Full Power/Left Edge 10mm_1RB/Area Scan (8x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.300 mW/g

Hot Spot_Full Power/Left Edge 10mm_1RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.460 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.425 mW/g
SAR(1 g) = 0.251 mW/g; SAR(10 g) = 0.147 mW/g
Maximum value of SAR (measured) = 0.308 mW/g



0 dB = 0.300 mW/g = -10.47 dB mW/g

Plot 130

Date/Time: 12/30/2013 2:40:18 AM

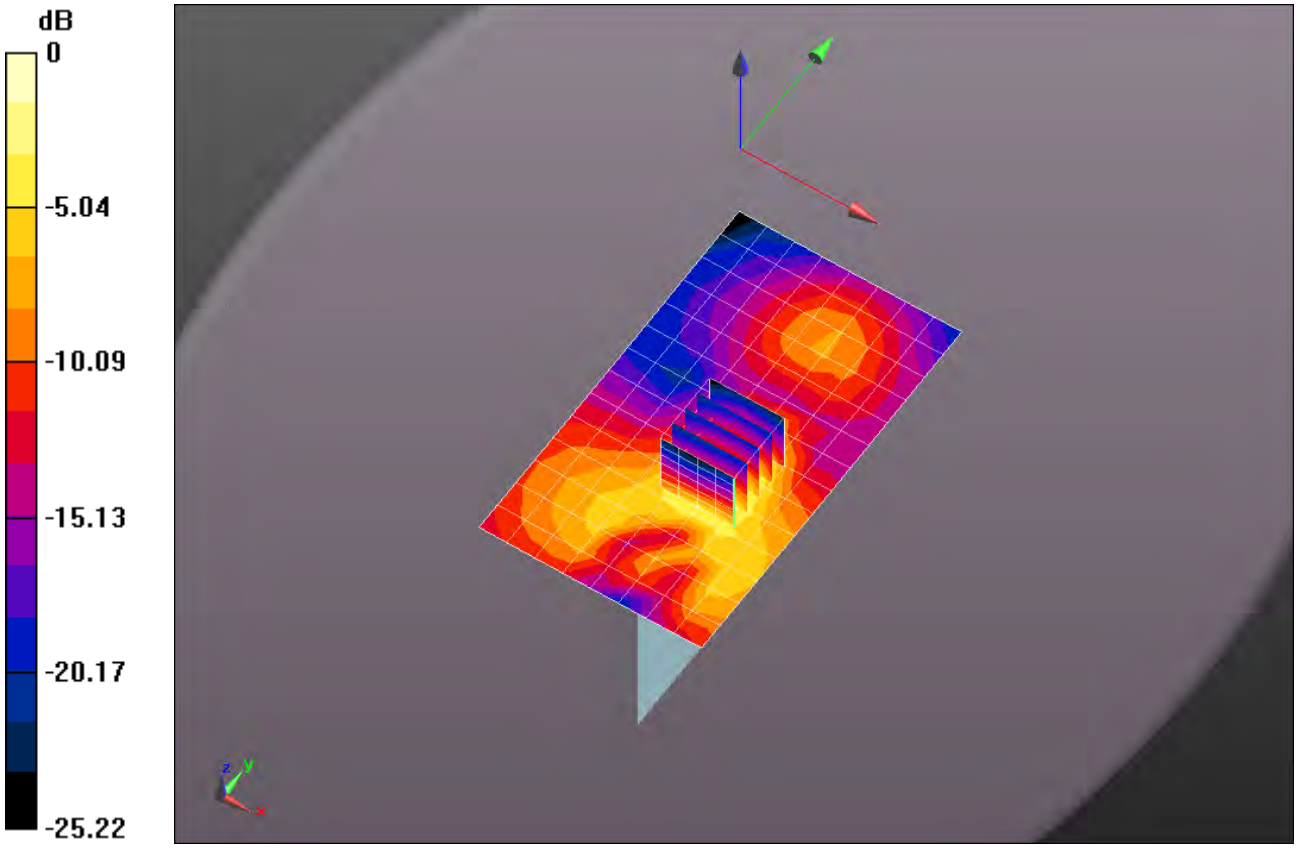
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUN

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1732 MHz
Medium: MSL1750_Batch 100824-2
Medium parameters used: f = 1732 MHz; σ = 1.483 mho/m; ε_r = 52.025; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 21.7C; Medium Temperature: 20.3C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.1, 5.1, 5.1); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Hot Spot_Full Power/Right Edge 10mm_1RB/Area Scan (9x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.179 mW/g

Hot Spot_Full Power/Right Edge 10mm_1RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.268 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.272 mW/g
SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.079 mW/g
Maximum value of SAR (measured) = 0.192 mW/g



0 dB = 0.179 mW/g = -14.95 dB mW/g

Plot 131

Date/Time: 1/2/2014 5:19:41 PM

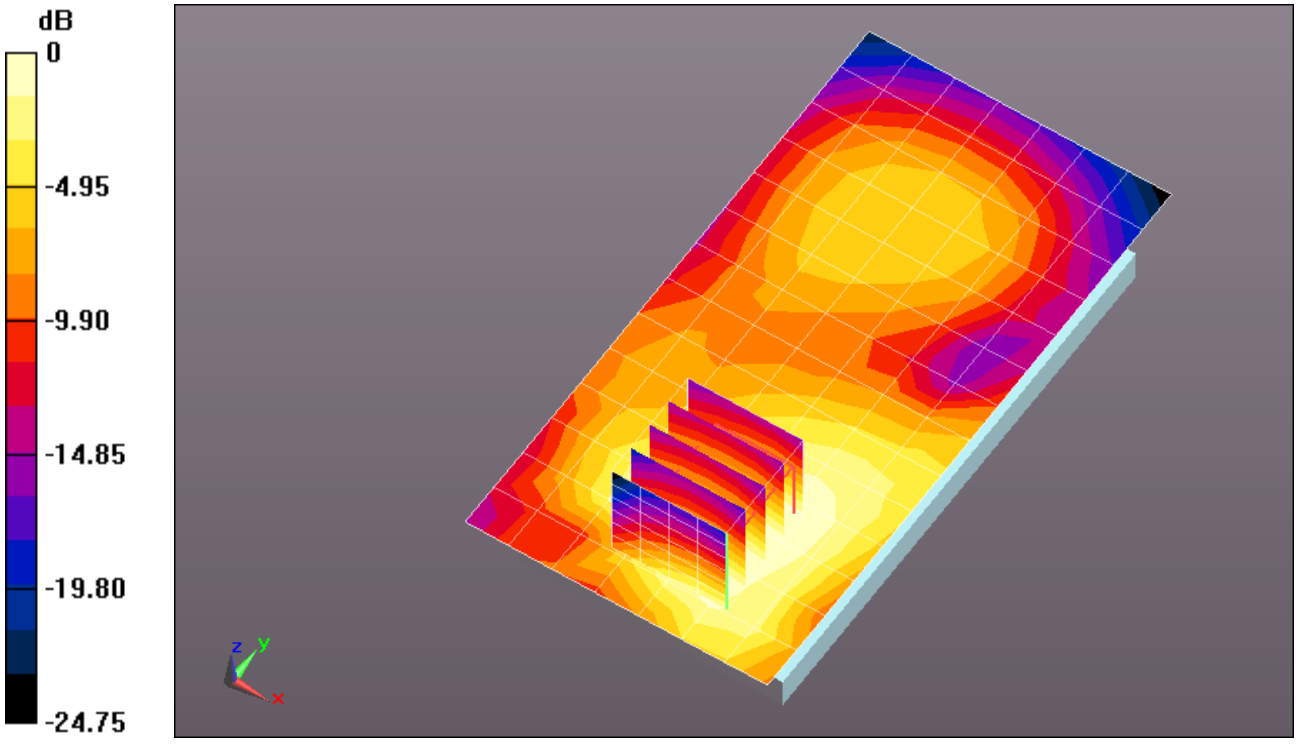
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUN

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1720 MHz
Medium: MSL1750_Batch 100824-2
Medium parameters used: f = 1720 MHz; σ = 1.504 S/m; ε_r = 51.093; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 23.8C; Medium Temperature: 20.4C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.1, 5.1, 5.1); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat-Section WC/Back 10mm_1RB/Area Scan (8x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.734 W/kg

Flat-Section WC/Back 10mm_1RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.552 V/m; Power Drift = -0.21 dB
Peak SAR (extrapolated) = 0.929 W/kg
SAR(1 g) = 0.641 W/kg; SAR(10 g) = 0.426 W/kg
Maximum value of SAR (measured) = 0.737 W/kg



0 dB = 0.734 W/kg = -1.34 dBW/kg

Plot 132

Date/Time: 1/2/2014 5:46:30 PM

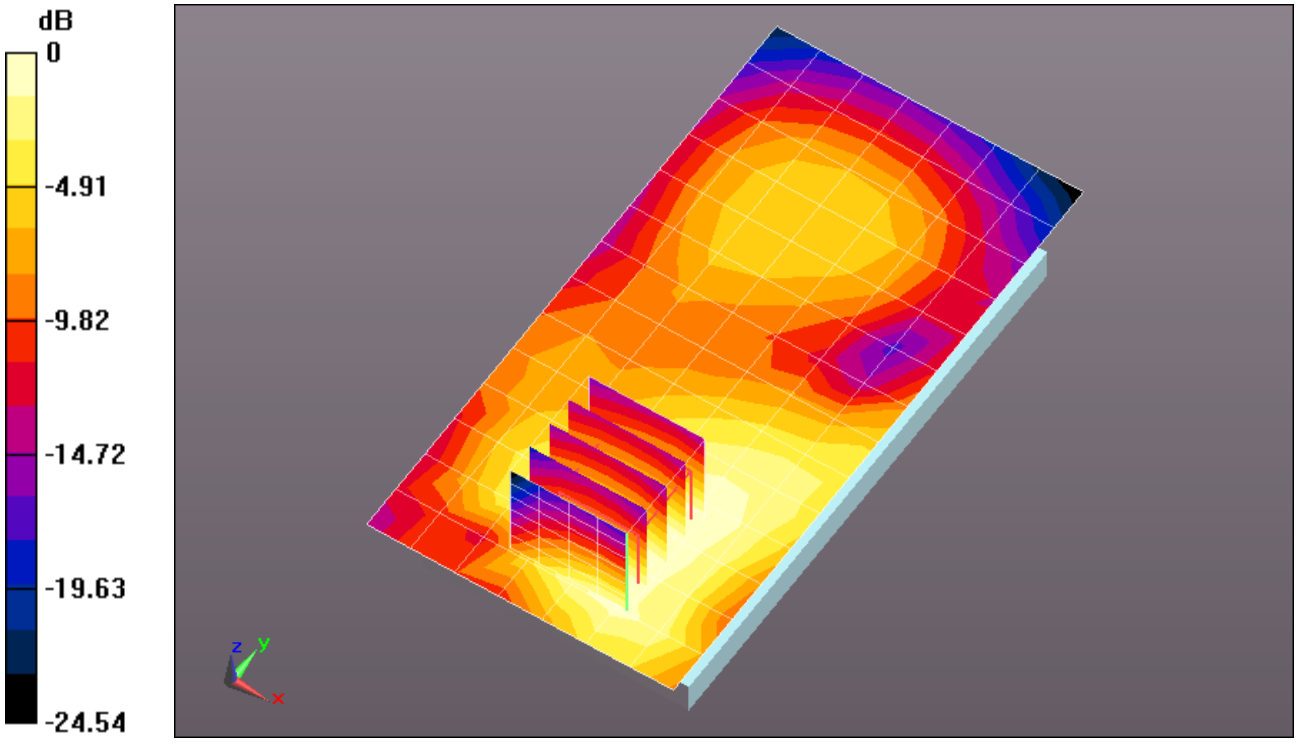
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUN

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1745 MHz
Medium: MSL1750_Batch 100824-2
Medium parameters used: f = 1745 MHz; σ = 1.53 S/m; ε_r = 50.999; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 24C; Medium Temperature: 20.6C; Comments:
;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.1, 5.1, 5.1); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat-Section WC/Back 10mm_1 RB/Area Scan (8x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.653 W/kg

Flat-Section WC/Back 10mm_1 RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.742 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.850 W/kg
SAR(1 g) = 0.580 W/kg; SAR(10 g) = 0.381 W/kg
Maximum value of SAR (measured) = 0.672 W/kg



0 dB = 0.653 W/kg = -1.85 dBW/kg

Plot 133

Date/Time: 12/30/2013 5:06:01 PM

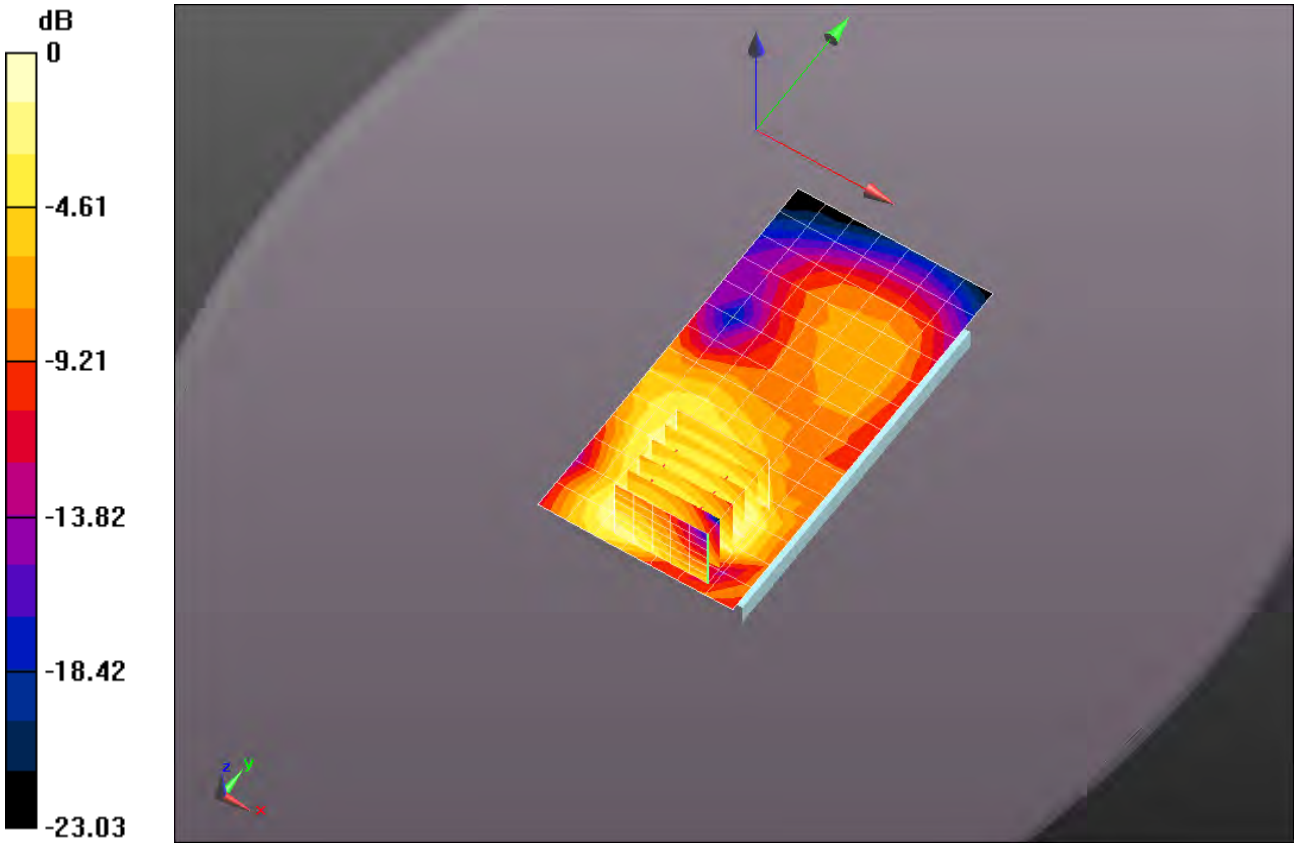
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUN

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1732 MHz
Medium: MSL1750_Batch 100824-2
Medium parameters used: f = 1732 MHz; σ = 1.483 mho/m; ε_r = 52.025; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 23C; Medium Temperature: 21C; Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.1, 5.1, 5.1); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Hot Spot_Full Power/Front 10mm_50RB/Area Scan (8x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.565 mW/g

Hot Spot_Full Power/Front 10mm_50RB/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.458 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.734 mW/g
SAR(1 g) = 0.493 mW/g; SAR(10 g) = 0.317 mW/g
Maximum value of SAR (measured) = 0.564 mW/g



0 dB = 0.565 mW/g = -4.96 dB mW/g

Plot 134

Date/Time: 12/30/2013 5:39:24 PM

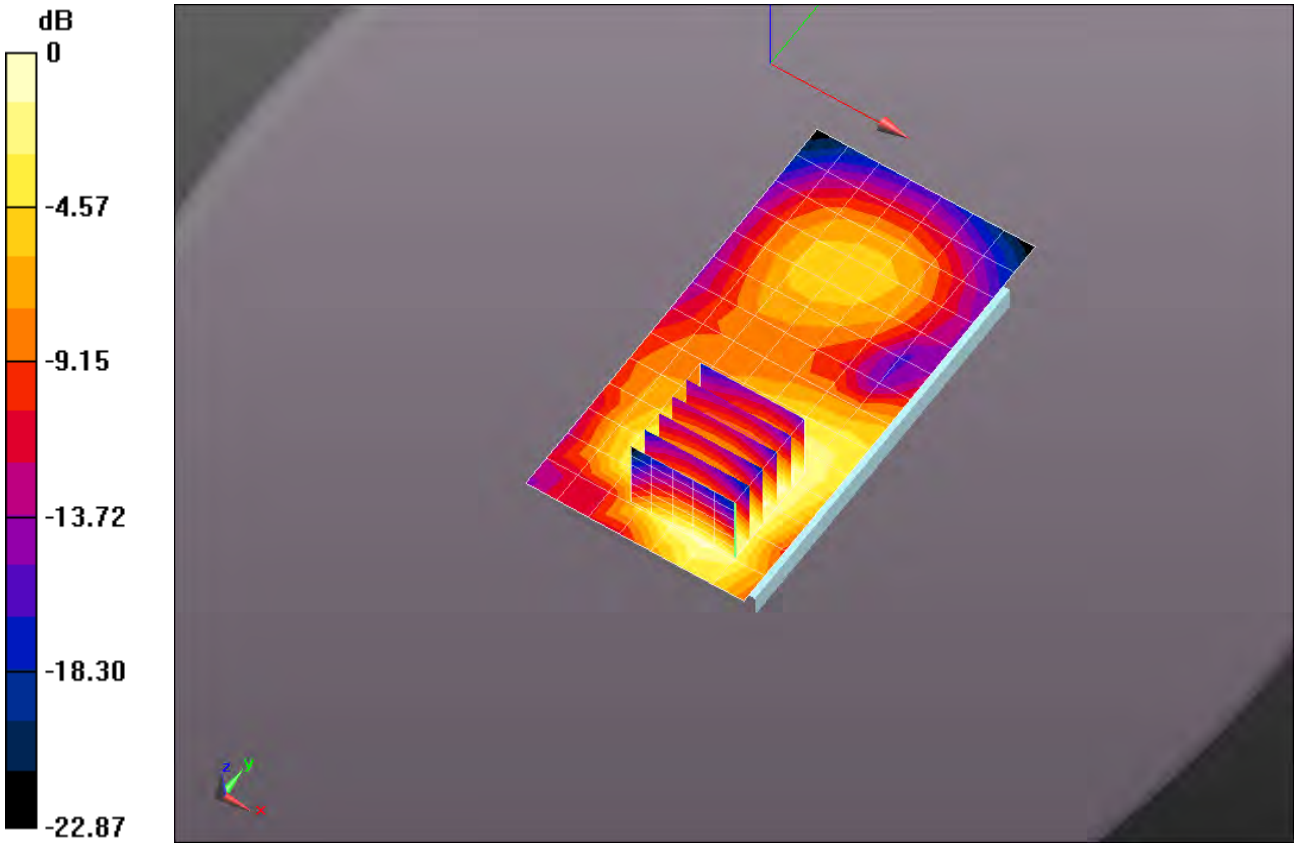
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUN

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1732 MHz
Medium: MSL1750_Batch 100824-2
Medium parameters used: f = 1732 MHz; σ = 1.483 mho/m; ε_r = 52.025; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 23.2C; Medium Temperature: 21C; Comments:
;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.1, 5.1, 5.1); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Hot Spot_Full Power/Back 10mm_50RB/Area Scan (8x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.594 mW/g

Hot Spot_Full Power/Back 10mm_50RB/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.718 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.762 mW/g
SAR(1 g) = 0.528 mW/g; SAR(10 g) = 0.353 mW/g
Maximum value of SAR (measured) = 0.605 mW/g



0 dB = 0.594 mW/g = -4.52 dB mW/g

Plot 135

Date/Time: 12/30/2013 7:12:16 PM

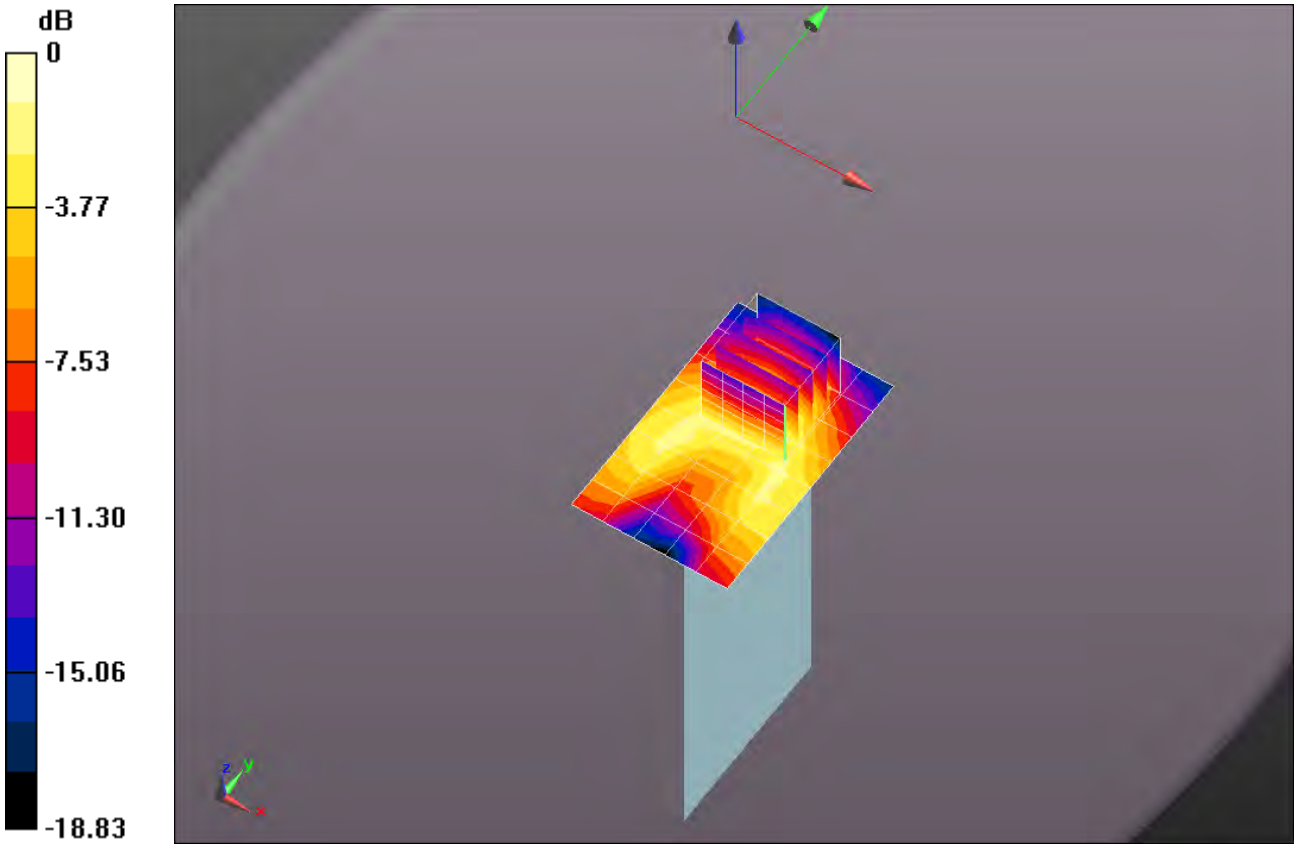
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUN

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1732 MHz
Medium: MSL1750_Batch 100824-2
Medium parameters used: f = 1732 MHz; σ = 1.483 mho/m; ε_r = 52.025; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 22.7C; Medium Temperature: 20.8C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.1, 5.1, 5.1); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Hot Spot_Full Power/Bottom Edge 10mm_50RB/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.130 mW/g

Hot Spot_Full Power/Bottom Edge 10mm_50RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.018 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.211 mW/g
SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.066 mW/g
Maximum value of SAR (measured) = 0.155 mW/g



0 dB = 0.130 mW/g = -17.75 dB mW/g

Plot 136

Date/Time: 12/30/2013 7:35:15 PM

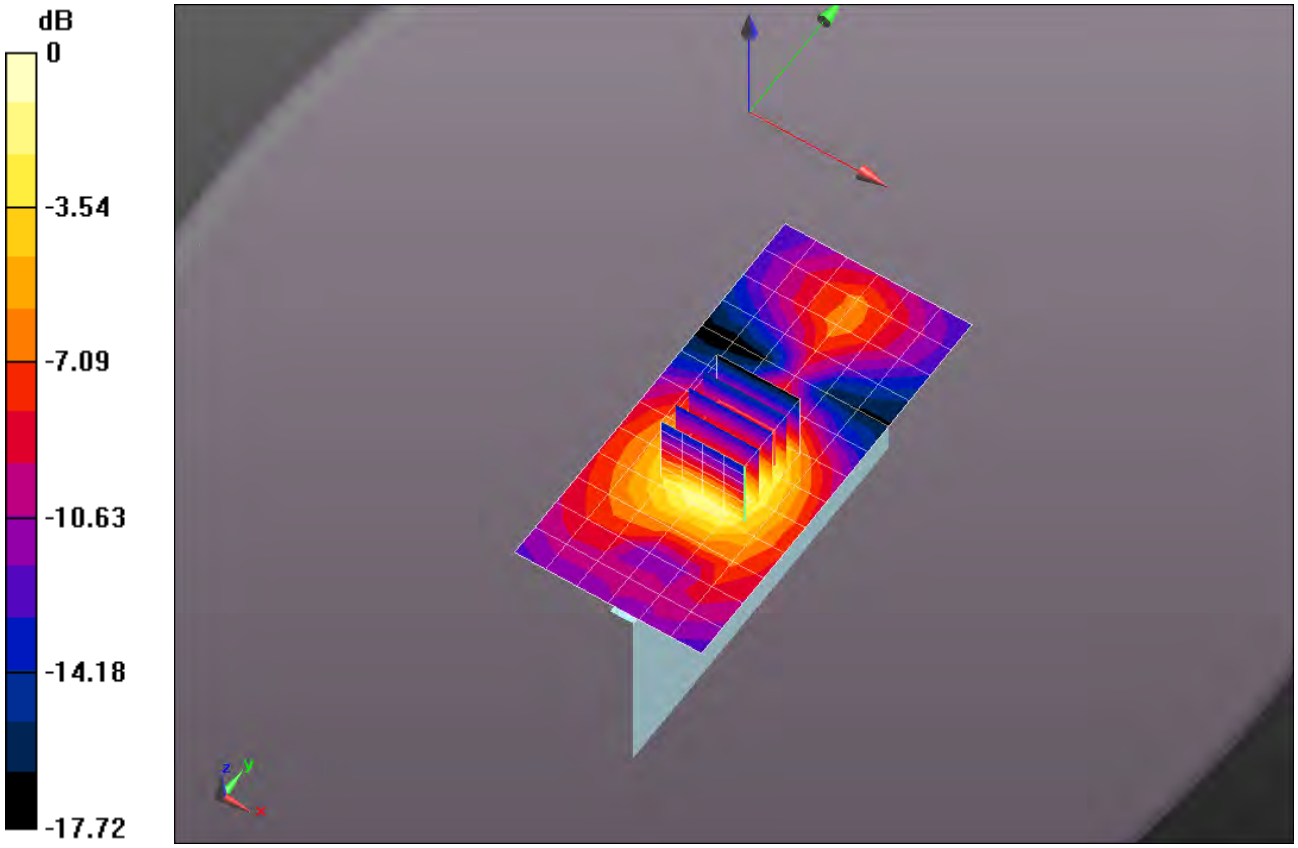
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUN

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1732 MHz
Medium: MSL1750_Batch 100824-2
Medium parameters used: f = 1732 MHz; σ = 1.483 mho/m; ε_r = 52.025; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 22.7C; Medium Temperature: 20.7C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.1, 5.1, 5.1); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Hot Spot_Full Power/Left Edge 10mm_50RB/Area Scan (7x14x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.242 mW/g

Hot Spot_Full Power/Left Edge 10mm_50RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.074 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.354 mW/g
SAR(1 g) = 0.207 mW/g; SAR(10 g) = 0.120 mW/g
Maximum value of SAR (measured) = 0.256 mW/g



0 dB = 0.242 mW/g = -12.34 dB mW/g

Plot 137

Date/Time: 12/30/2013 7:55:47 PM

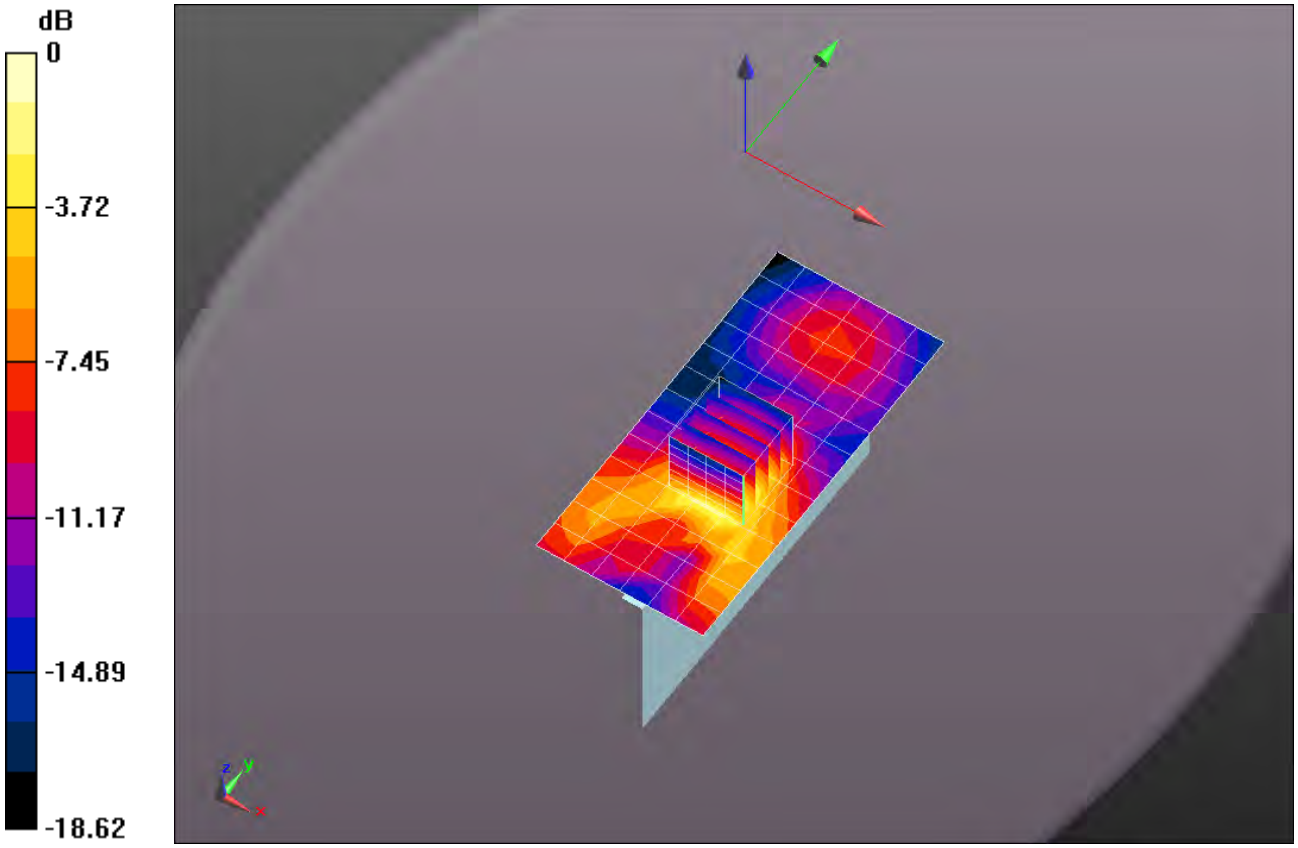
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUN

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1732 MHz
Medium: MSL1750_Batch 100824-2
Medium parameters used: f = 1732 MHz; σ = 1.483 mho/m; ε_r = 52.025; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 22.6C; Medium Temperature: 20.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.1, 5.1, 5.1); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Hot Spot_Full Power/Right Edge 10mm_50RB/Area Scan (7x14x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.117 mW/g

Hot Spot_Full Power/Right Edge 10mm_50RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.422 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.195 mW/g
SAR(1 g) = 0.107 mW/g; SAR(10 g) = 0.056 mW/g
Maximum value of SAR (measured) = 0.136 mW/g



0 dB = 0.117 mW/g = -18.63 dB mW/g

Plot 138

Date/Time: 1/2/2014 6:27:15 PM

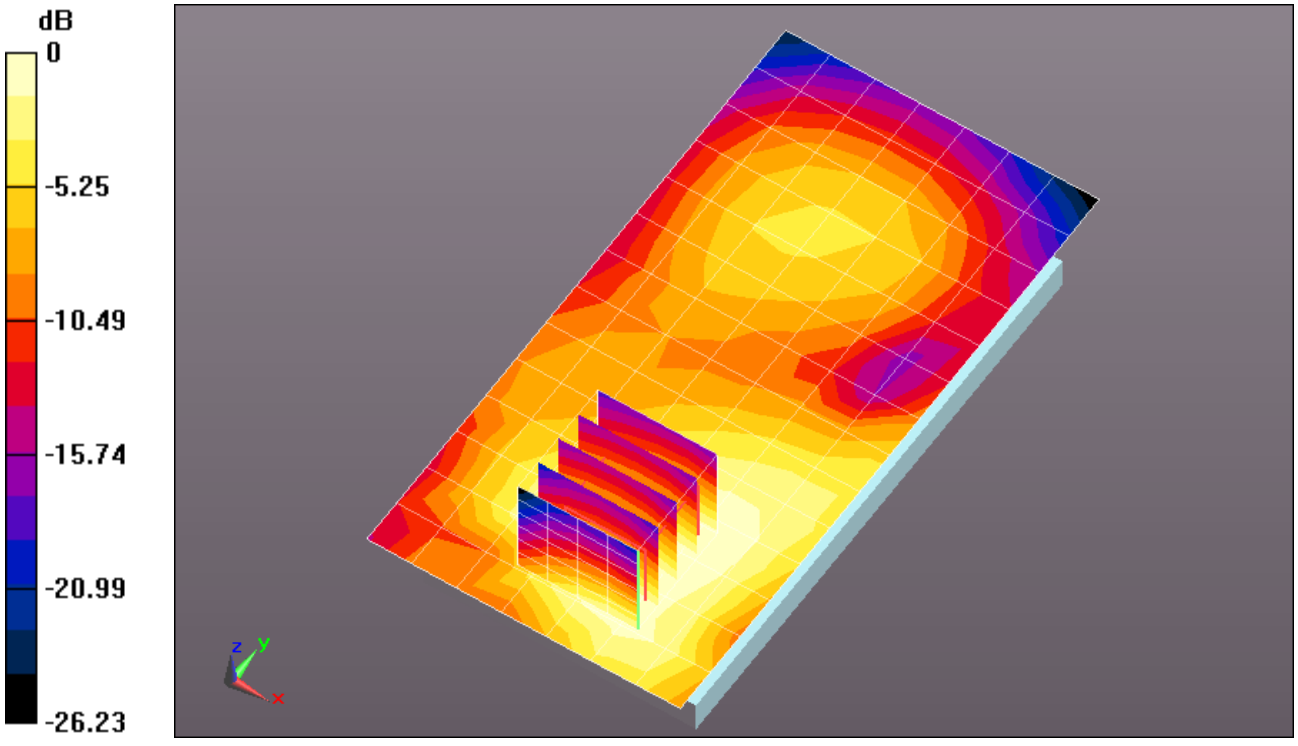
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUN

Communication System: LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 1732 MHz
Medium: MSL1750_Batch 100824-2
Medium parameters used: f = 1732 MHz; σ = 1.516 S/m; ε_r = 51.063; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 23.5C; Medium Temperature: 20.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.1, 5.1, 5.1); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat-Section WC/Back 10mm_100 RB/Area Scan (8x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.571 W/kg

Flat-Section WC/Back 10mm_100 RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.948 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.743 W/kg
SAR(1 g) = 0.512 W/kg; SAR(10 g) = 0.338 W/kg
Maximum value of SAR (measured) = 0.593 W/kg



0 dB = 0.571 W/kg = -2.43 dBW/kg

Plot 139

Date/Time: 1/9/2014 2:22:06 PM

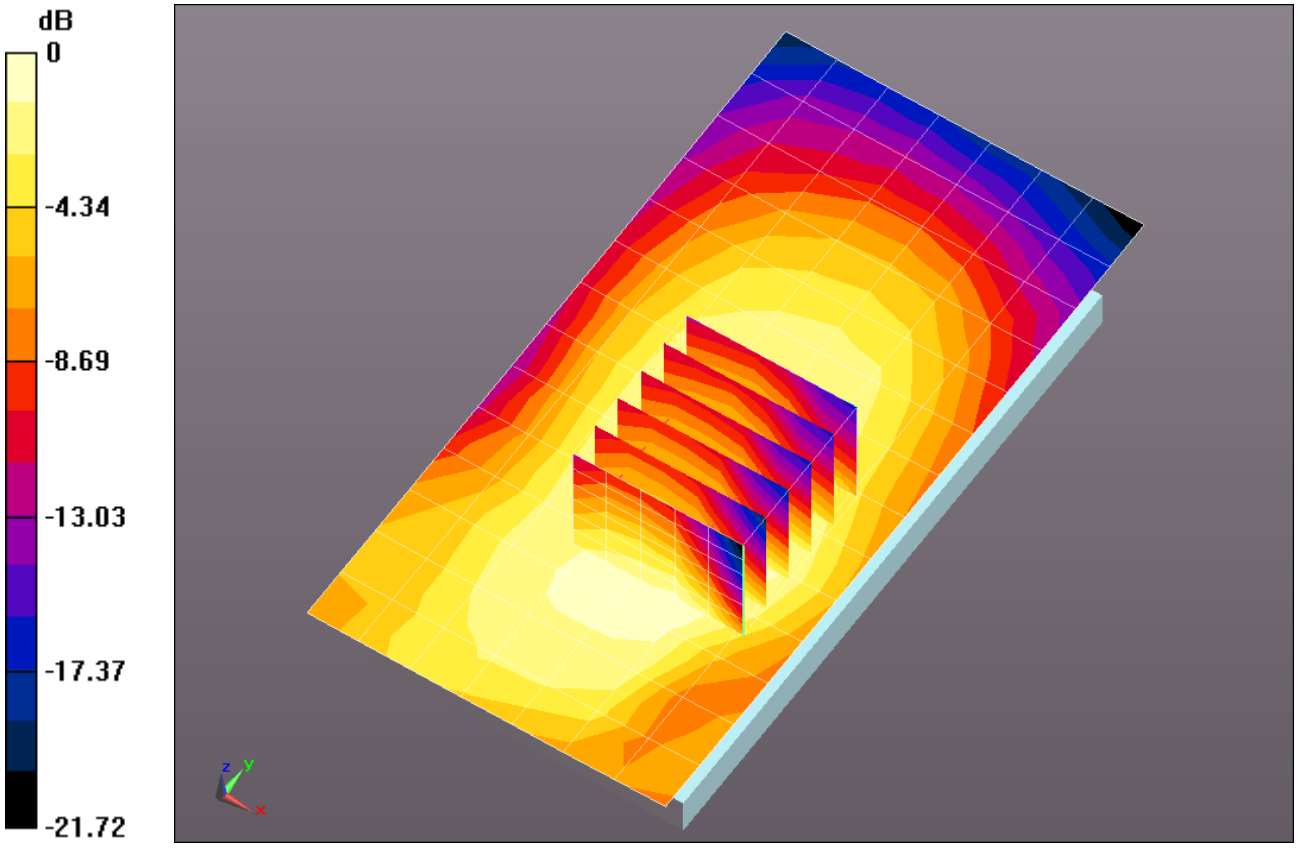
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUN

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 836 MHz
Medium: MSL900_Batch 100818-1
Medium parameters used: f = 836 MHz; σ = 1.011 mho/m; ε_r = 52.836; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 24.8C; Medium Temperature: 22C; Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Full Power_1-09-2014/Front 10mm_1RB/Area Scan (8x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.358 mW/g

Full Power_1-09-2014/Front 10mm_1RB/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.034 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.426 mW/g
SAR(1 g) = 0.320 mW/g; SAR(10 g) = 0.235 mW/g
Maximum value of SAR (measured) = 0.366 mW/g



0 dB = 0.358 mW/g = -8.91 dB mW/g

Plot 140

Date/Time: 1/9/2014 4:04:34 PM

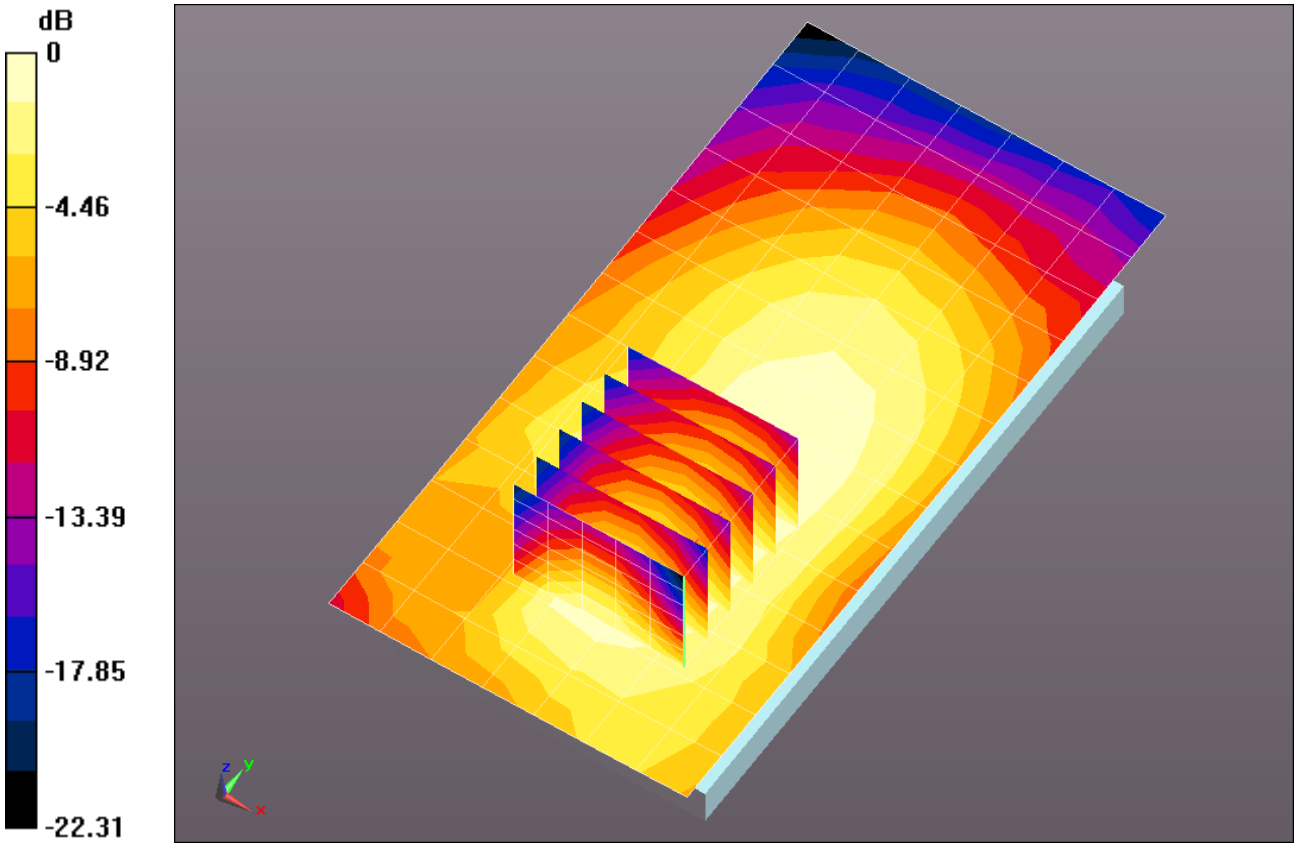
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUN

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 836 MHz
Medium: MSL900_Batch 100818-1
Medium parameters used: f = 836 MHz; σ = 1.011 mho/m; ε_r = 52.836; 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: 24.8C; Medium Temperature: 22C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Full Power_1-09-2014/Back 10mm_1RB/Area Scan (8x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.343 mW/g

Full Power_1-09-2014/Back 10mm_1RB/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.592 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.409 mW/g
SAR(1 g) = 0.324 mW/g; SAR(10 g) = 0.252 mW/g
Maximum value of SAR (measured) = 0.350 mW/g



0 dB = 0.343 mW/g = -9.30 dB mW/g

Plot 141

Date/Time: 12/29/2013 3:02:34 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: GSM-CB5A1W5TUG

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 836 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used (interpolated): f = 836 MHz; σ = 1.016 S/m; ε_r = 53.083; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 20.8C; Medium Temperature: 19.9C;
Comments: ;
DASY Configuration:

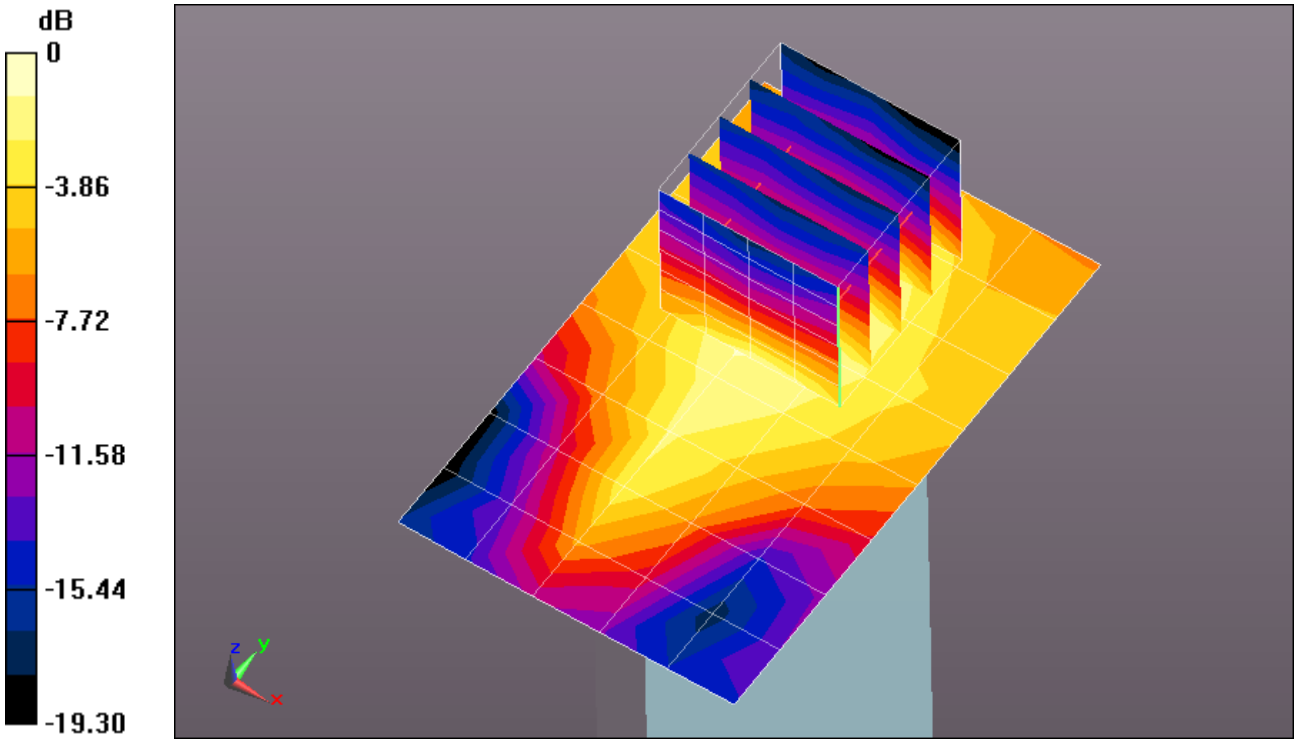
- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Hotspot_Full Power_12-29-2013/Bottom Edge 10mm_1RB/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0639 W/kg

Hotspot_Full Power_12-29-2013/Bottom Edge 10mm_1RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.116 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.108 W/kg
SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.028 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0681 W/kg



0 dB = 0.0639 W/kg = -11.95 dBW/kg

Plot 142

Date/Time: 12/29/2013 3:21:00 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: GSM-CB5A1W5TUG

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 836 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used (interpolated): f = 836 MHz; σ = 1.016 S/m; ε_r = 53.083; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 20.9C; Medium Temperature: 19.8C;
Comments: ;
DASY Configuration:

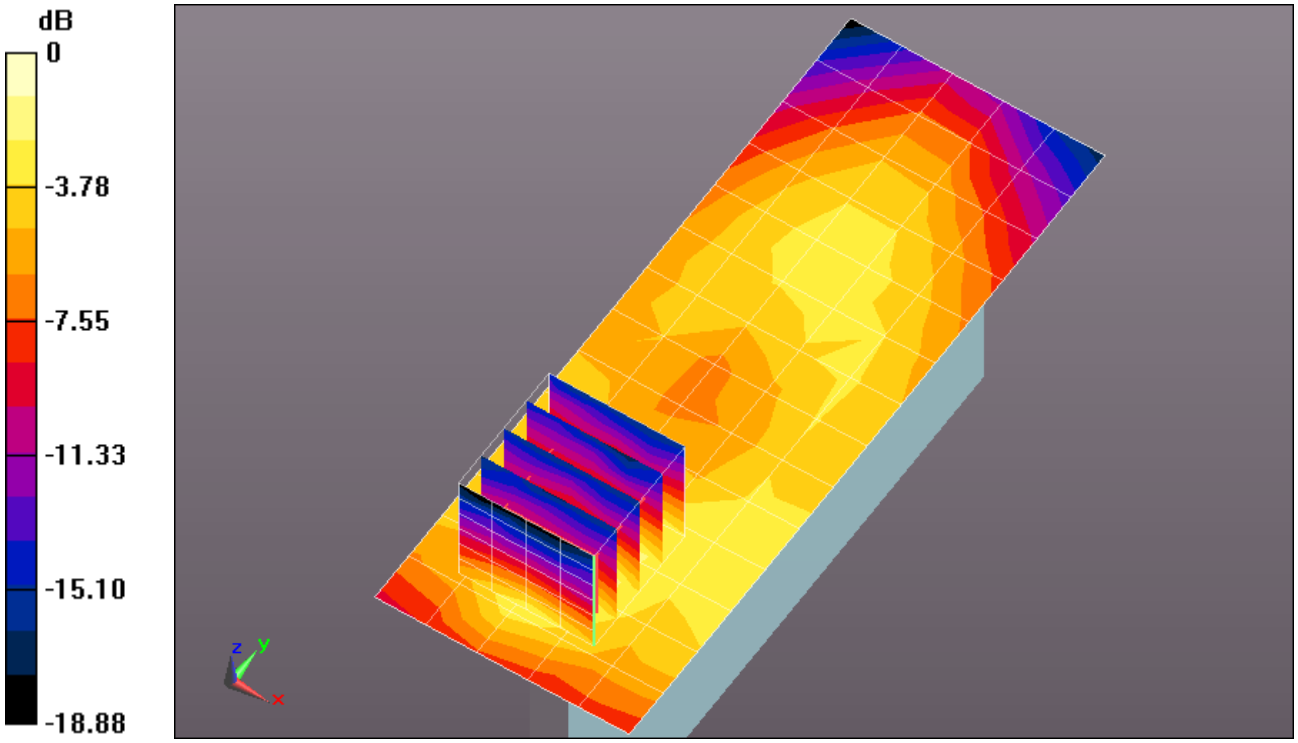
- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Hotspot_Full Power_12-29-2013/Left Edge 10mm_1RB/Area Scan (6x15x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0678 W/kg

Hotspot_Full Power_12-29-2013/Left Edge 10mm_1RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.233 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.119 W/kg
SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.025 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0738 W/kg



0 dB = 0.0678 W/kg = -11.68 dBW/kg

Plot 143

Date/Time: 12/29/2013 3:43:17 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: GSM-CB5A1W5TUG

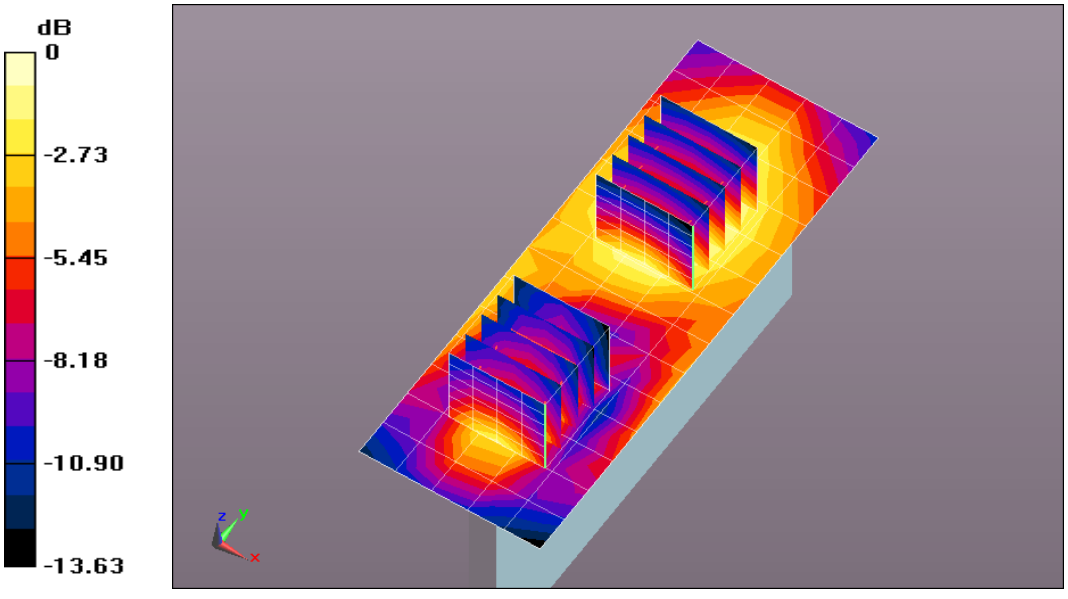
Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 836 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used (interpolated): f = 836 MHz; σ = 1.016 S/m; ε_r = 53.083; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 21.1C; Medium Temperature: 19.8C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Hotspot_Full Power_12-29-2013/Right Edge 10mm_1RB/Area Scan (6x15x1): Measurement grid: dx=12mm, dy=12mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0826 W/kg

Hotspot_Full Power_12-29-2013/Right Edge 10mm_1RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.871 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.112 W/kg
SAR(1 g) = 0.081 W/kg; SAR(10 g) = 0.056 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0936 W/kg

Hotspot_Full Power_12-29-2013/Right Edge 10mm_1RB/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.871 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.118 W/kg
SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.029 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0785 W/kg



0 dB = 0.0826 W/kg = -10.83 dBW/kg

Plot 144

Date/Time: 1/9/2014 2:50:02 PM

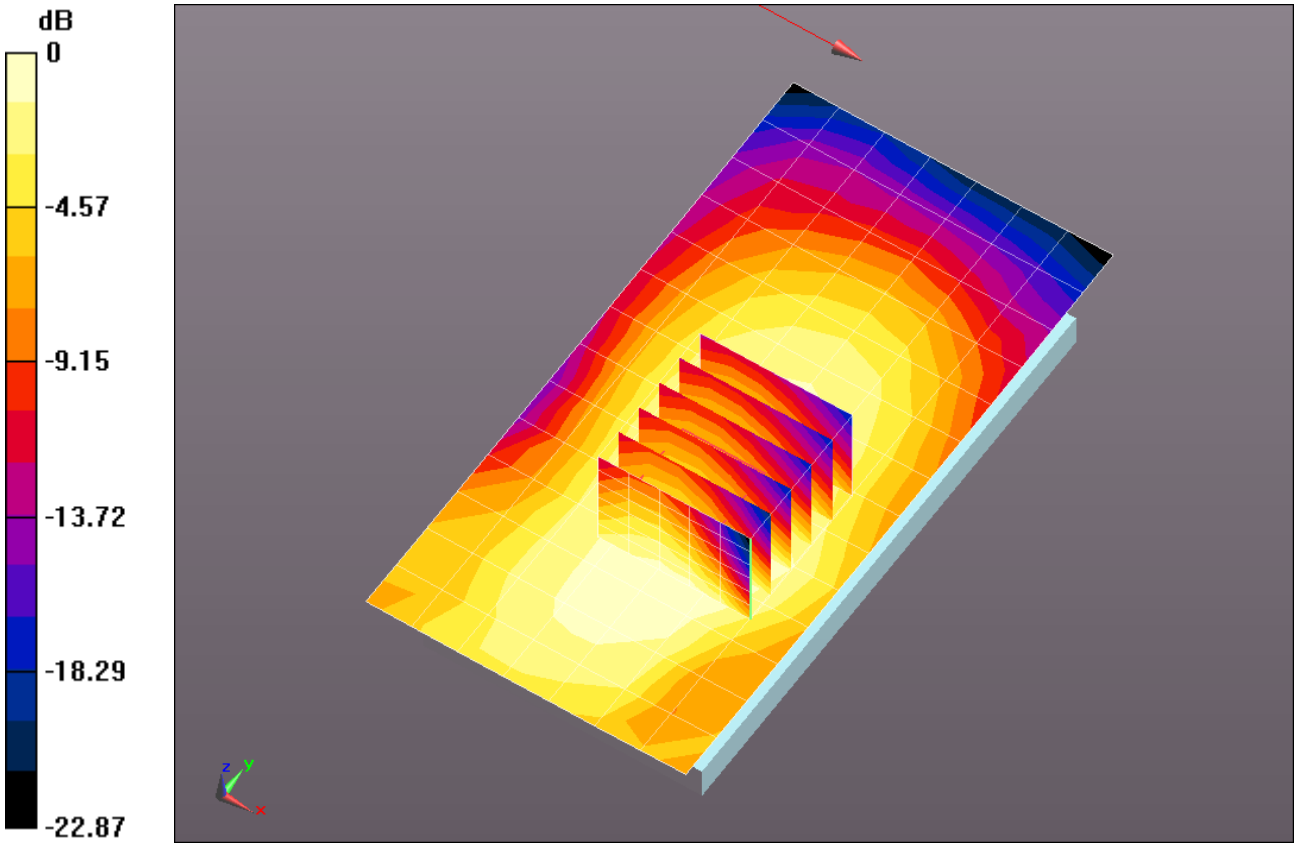
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUN

Communication System: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK); Frequency: 836 MHz
Medium: MSL900_Batch 100818-1
Medium parameters used: f = 836 MHz; σ = 1.011 mho/m; ε_r = 52.836; 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: 25C; Medium Temperature: 22C; Comments:
;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 6/19/2013;
- 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: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Full Power_1-09-2014/Front 10mm_25RB/Area Scan (8x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.264 mW/g

Full Power_1-09-2014/Front 10mm_25RB/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.253 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.325 mW/g
SAR(1 g) = 0.247 mW/g; SAR(10 g) = 0.190 mW/g
Maximum value of SAR (measured) = 0.273 mW/g



0 dB = 0.264 mW/g = -11.57 dB mW/g

Plot 145

Date/Time: 1/9/2014 3:11:59 PM

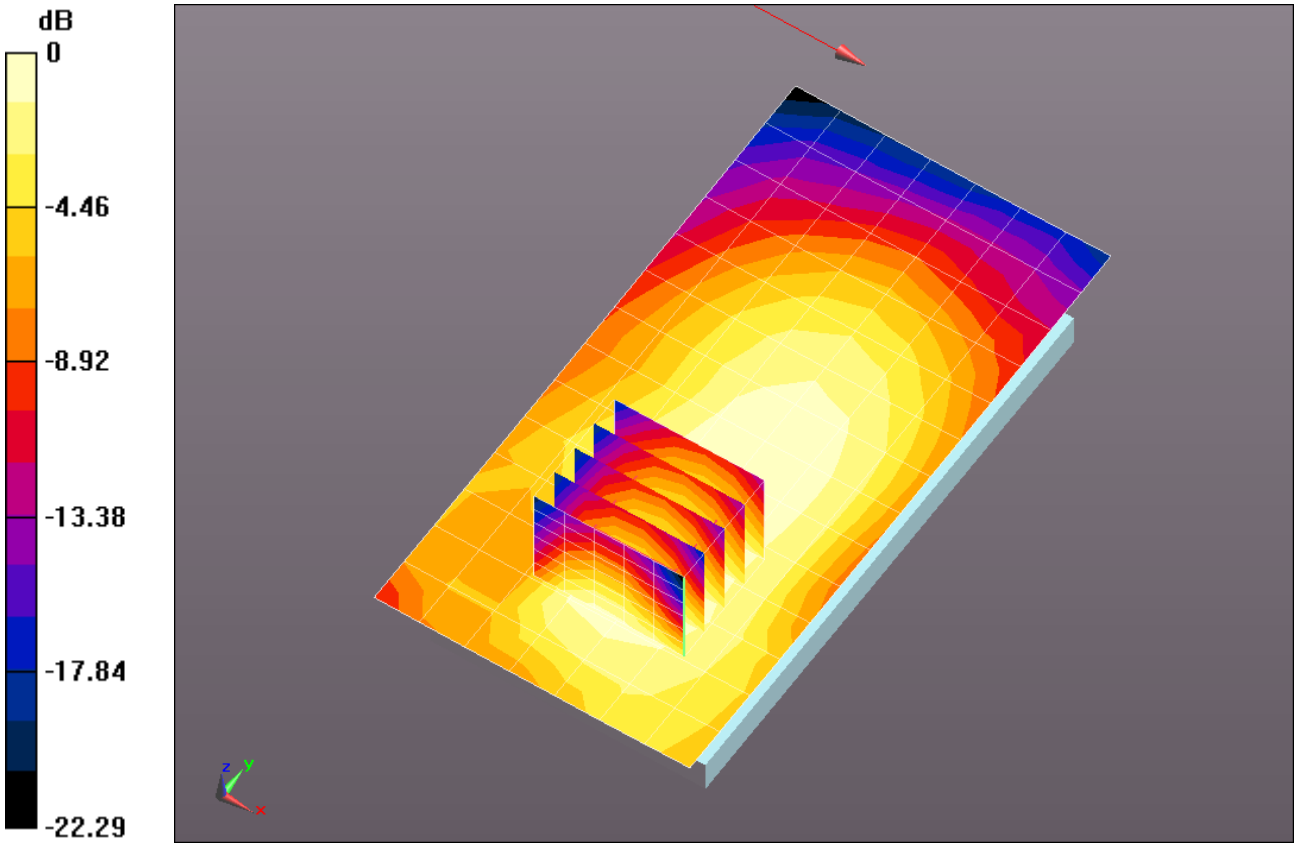
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUN

Communication System: LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK); Frequency: 836 MHz
Medium: MSL900_Batch 100818-1
Medium parameters used: f = 836 MHz; σ = 1.011 mho/m; ε_r = 52.836; 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: 25.2C; Medium Temperature: 22C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 6/19/2013;
- 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: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Full Power_1-09-2014/Back 10mm_25RB/Area Scan (8x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.267 mW/g

Full Power_1-09-2014/Back 10mm_25RB/Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.108 V/m; Power Drift = 0.21 dB
Peak SAR (extrapolated) = 0.314 mW/g
SAR(1 g) = 0.261 mW/g; SAR(10 g) = 0.204 mW/g
Maximum value of SAR (measured) = 0.276 mW/g



0 dB = 0.267 mW/g = -11.47 dB mW/g

Plot 146

Date/Time: 12/29/2013 5:19:43 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: GSM-CB5A1W5TUG

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 836 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used (interpolated): f = 836 MHz; σ = 1.016 S/m; ε_r = 53.083; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 21.6C; Medium Temperature: 19.8C;
Comments: ;
DASY Configuration:

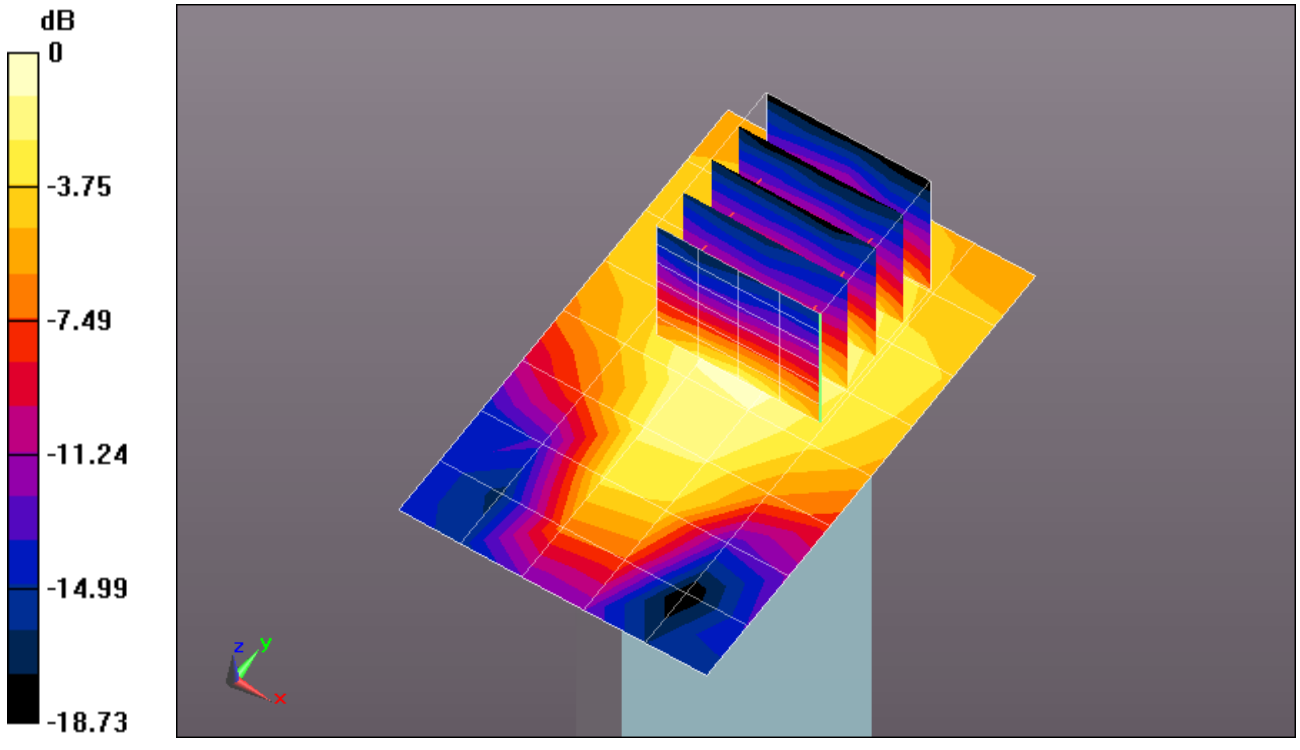
- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Hotspot_Full Power_12-29-2013/Bottom Edge 10mm_25RB/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0474 W/kg

Hotspot_Full Power_12-29-2013/Bottom Edge 10mm_25RB/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.340 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.0950 W/kg
SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.024 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0607 W/kg



0 dB = 0.0474 W/kg = -13.24 dBW/kg

Plot 147

Date/Time: 12/29/2013 4:59:22 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: GSM-CB5A1W5TUG

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 836 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used (interpolated): f = 836 MHz; σ = 1.016 S/m; ε_r = 53.083; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 21.6C; Medium Temperature: 19.9C;
Comments: ;
DASY Configuration:

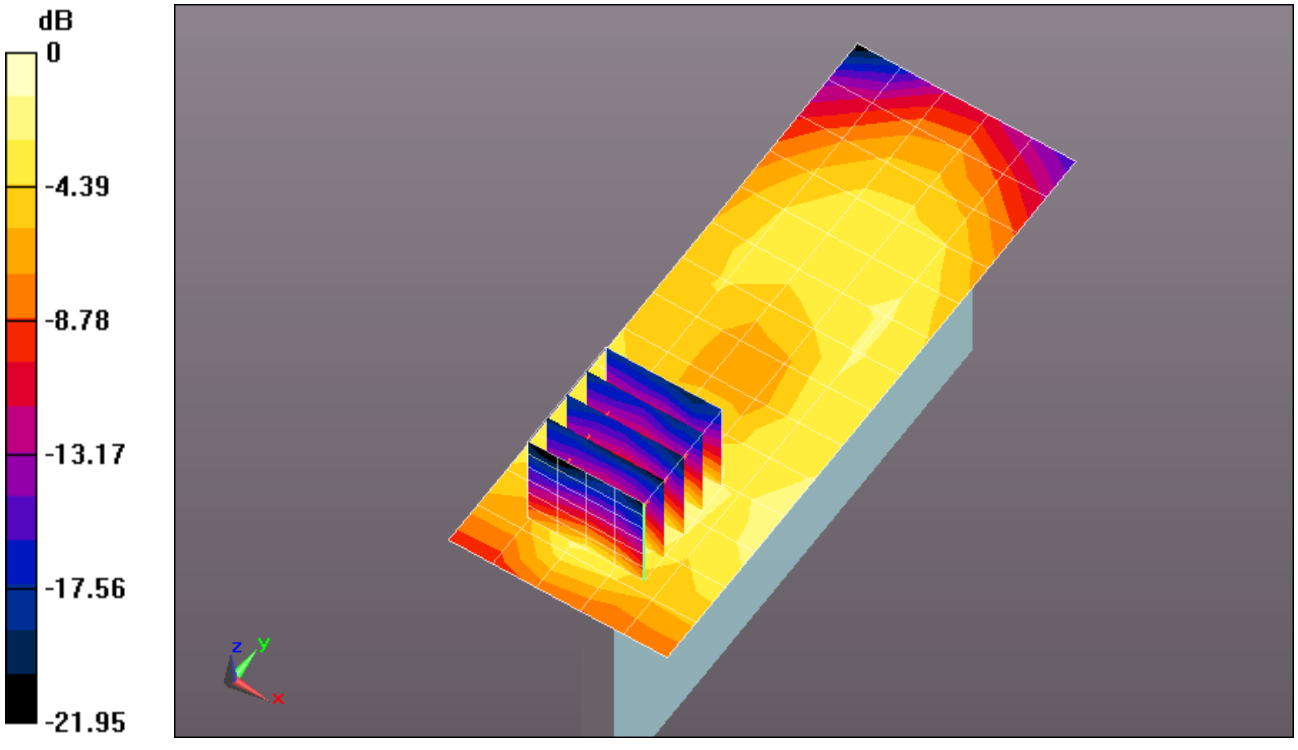
- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Hotspot_Full Power_12-29-2013/Left Edge 10mm_25RB/Area Scan (6x15x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0551 W/kg

Hotspot_Full Power_12-29-2013/Left Edge 10mm_25RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.150 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.104 W/kg
SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.023 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0664 W/kg



0 dB = 0.0551 W/kg = -12.59 dBW/kg

Plot 148

Date/Time: 12/29/2013 4:38:24 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: GSM-CB5A1W5TUG

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 836 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used (interpolated): f = 836 MHz; σ = 1.016 S/m; ε_r = 53.083; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 21.4C; Medium Temperature: 19.8C;
Comments: ;
DASY Configuration:

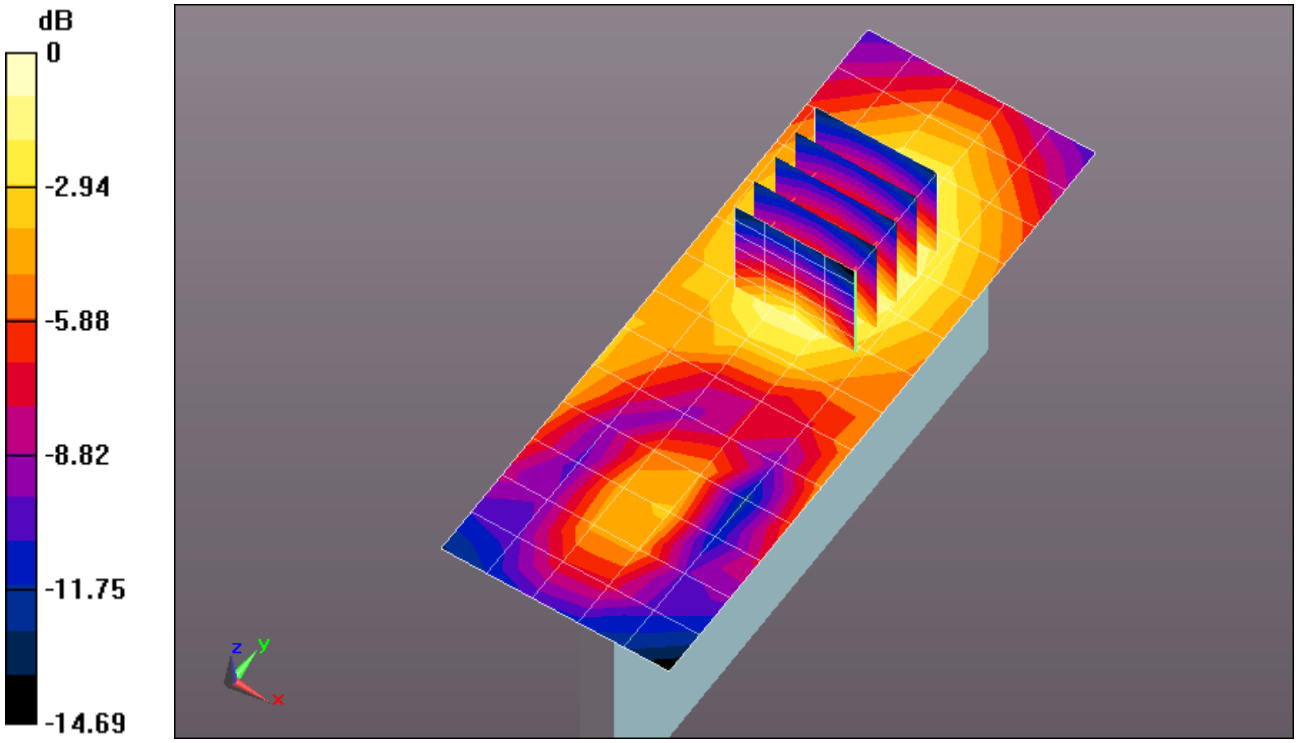
- Probe: ES3DV3 - SN3323; ConvF(6.39, 6.39, 6.39); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Hotspot_Full Power_12-29-2013/Right Edge 10mm_25RB/Area Scan (6x15x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0913 W/kg

Hotspot_Full Power_12-29-2013/Right Edge 10mm_25RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.347 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.121 W/kg
SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.059 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.102 W/kg



0 dB = 0.0913 W/kg = -10.40 dBW/kg

Plot 149

Date/Time: 1/6/2014 4:17:40 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: GSM-CB5A1W5TUN

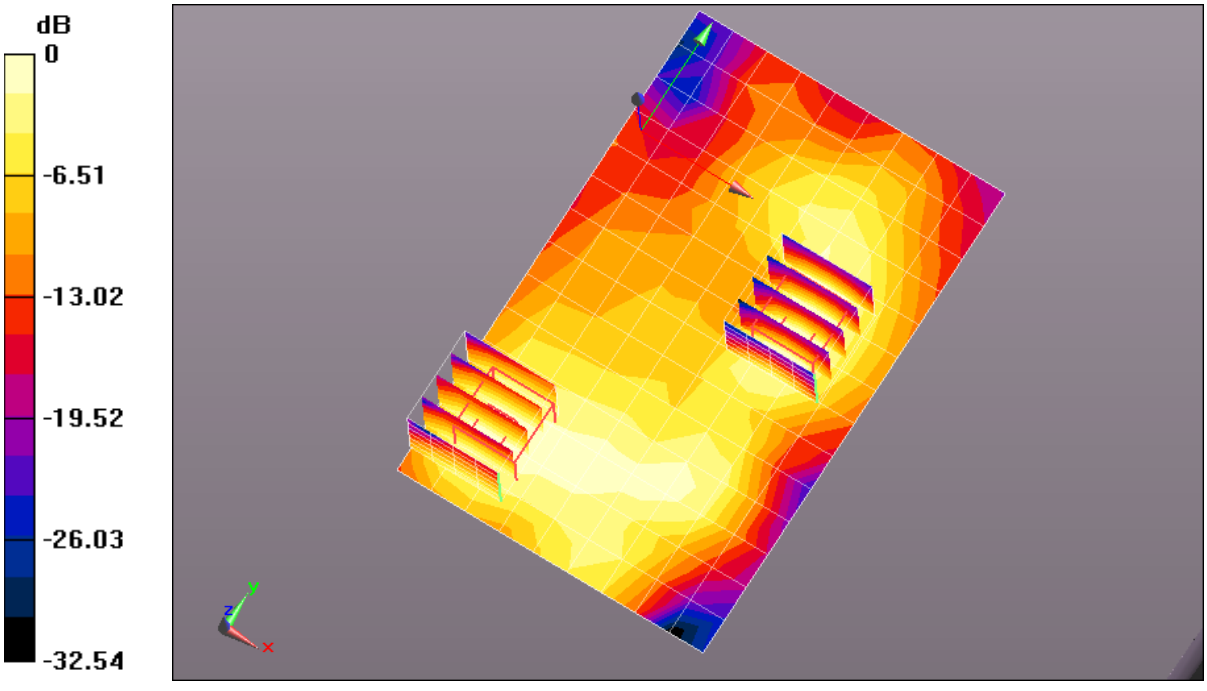
Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2535 MHz
Medium: MBBL1900-3800_Batch 130619-1
Medium parameters used: f = 2535 MHz; σ = 2.105 S/m; ε_r = 51.853; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 23.3C; Medium Temperature: 22C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Hotspot_Full Power/Front 10mm_1RB 2/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.249 W/kg

Hotspot_Full Power/Front 10mm_1RB 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.544 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.486 W/kg
SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.112 W/kg
Maximum value of SAR (measured) = 0.303 W/kg

Hotspot_Full Power/Front 10mm_1RB 2/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.544 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.345 W/kg
SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.089 W/kg
Maximum value of SAR (measured) = 0.208 W/kg



0 dB = 0.249 W/kg = -6.04 dBW/kg

Plot 150

Date/Time: 1/6/2014 6:39:29 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: GSM-CB5A1W5TUN

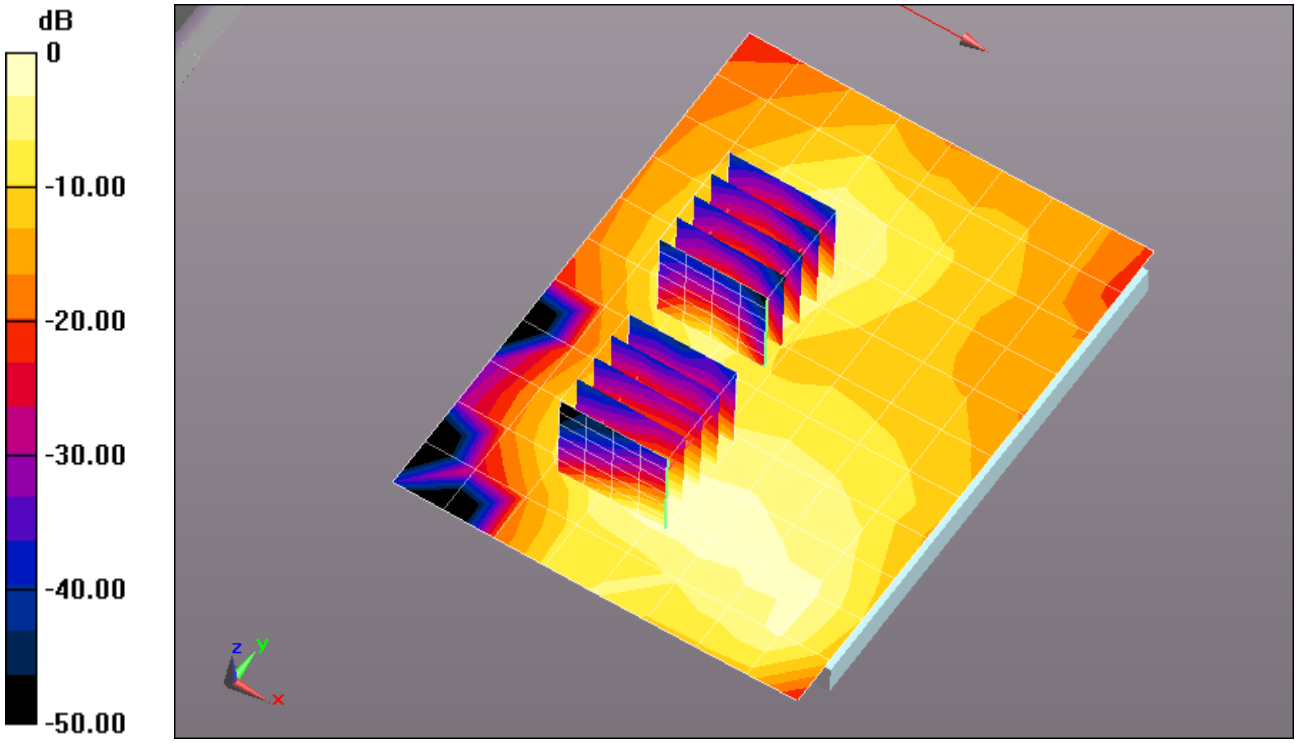
Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2535 MHz
Medium: MBBL1900-3800_Batch 130619-1
Medium parameters used: f = 2535 MHz; σ = 2.105 S/m; ε_r = 51.853; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 23.7C; Medium Temperature: 22C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Hotspot_Full Power/Back 10mm_1RB/Area Scan (9x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.327 W/kg

Hotspot_Full Power/Back 10mm_1RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.956 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.558 W/kg
SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.136 W/kg
Maximum value of SAR (measured) = 0.356 W/kg

Hotspot_Full Power/Back 10mm_1RB/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.956 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.448 W/kg
SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.116 W/kg
Maximum value of SAR (measured) = 0.258 W/kg



0 dB = 0.327 W/kg = -4.85 dBW/kg

Plot 151

Date/Time: 1/6/2014 7:15:48 PM

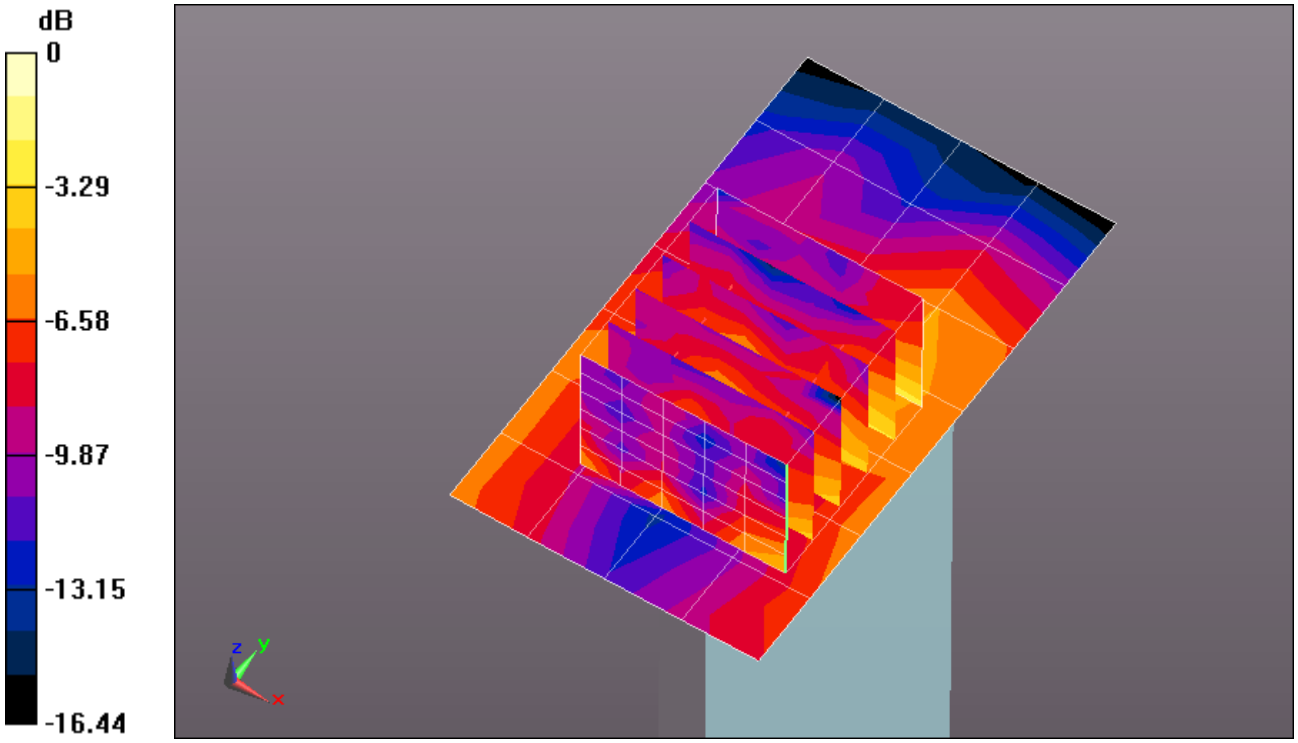
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: GSM-CB5A1W5TUN

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2535 MHz
Medium: MBBL1900-3800_Batch 130619-1
Medium parameters used: f = 2535 MHz; σ = 2.105 S/m; ε_r = 51.853; 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: 23.7C; Medium Temperature: 22C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Hotspot_Full Power/Bottom Edge 10mm_1RB 2/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0902 W/kg

Hotspot_Full Power/Bottom Edge 10mm_1RB 2/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.639 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.197 W/kg
SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.027 W/kg
Maximum value of SAR (measured) = 0.107 W/kg



0 dB = 0.0902 W/kg = -10.45 dBW/kg

Plot 152

Date/Time: 1/6/2014 8:26:18 PM

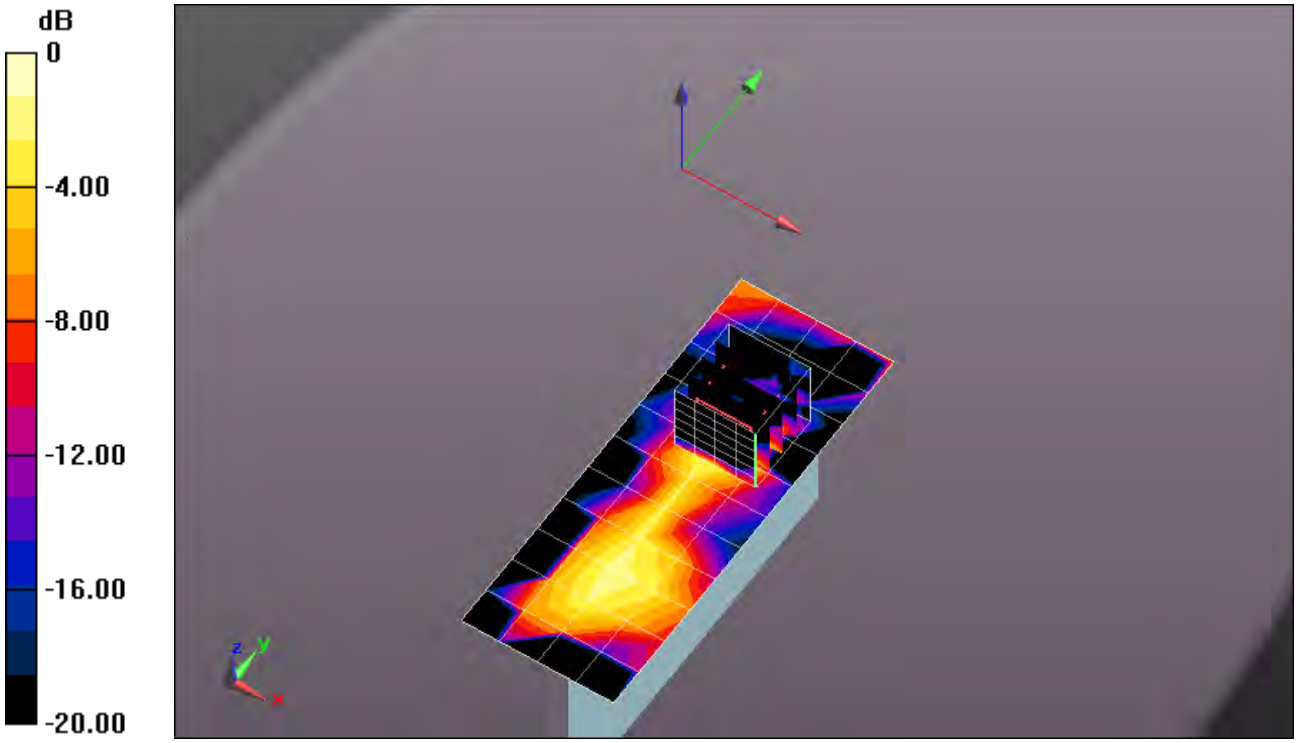
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: GSM-CB5A1W5TUN

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2535 MHz
Medium: MBBL1900-3800_Batch 130619-1
Medium parameters used: f = 2535 MHz; σ = 2.105 S/m; ε_r = 51.853; 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: 23.7C; Medium Temperature: 22C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Hotspot_Full Power/Left Edge 10mm_1RB/Area Scan (5x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0244 W/kg

Hotspot_Full Power/Left Edge 10mm_1RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.609 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.0390 W/kg
SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00516 W/kg
Maximum value of SAR (measured) = 0.0204 W/kg



0 dB = 0.0204 W/kg = -16.90 dBW/kg

Plot 153

Date/Time: 1/6/2014 8:46:02 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: GSM-CB5A1W5TUN

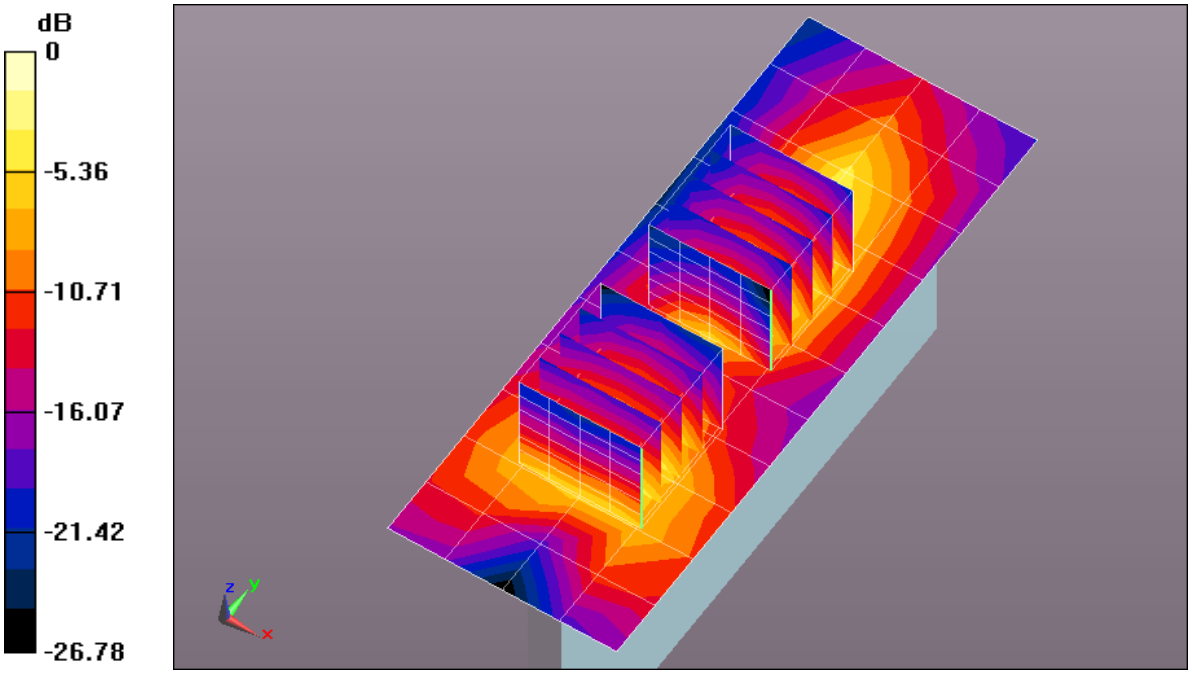
Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2535 MHz
Medium: MBBL1900-3800_Batch 130619-1
Medium parameters used: f = 2535 MHz; σ = 2.105 S/m; ε_r = 51.853; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 23.1C; Medium Temperature: 21.9C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Hotspot_Full Power/Right Edge 10mm_1RB/Area Scan (5x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.586 W/kg

Hotspot_Full Power/Right Edge 10mm_1RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.011 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.470 W/kg; SAR(10 g) = 0.208 W/kg
Maximum value of SAR (measured) = 0.625 W/kg

Hotspot_Full Power/Right Edge 10mm_1RB/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.011 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.783 W/kg
SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.150 W/kg
Maximum value of SAR (measured) = 0.466 W/kg



0 dB = 0.586 W/kg = -2.32 dBW/kg

Plot 154

Date/Time: 1/6/2014 5:36:25 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: GSM-CB5A1W5TUN

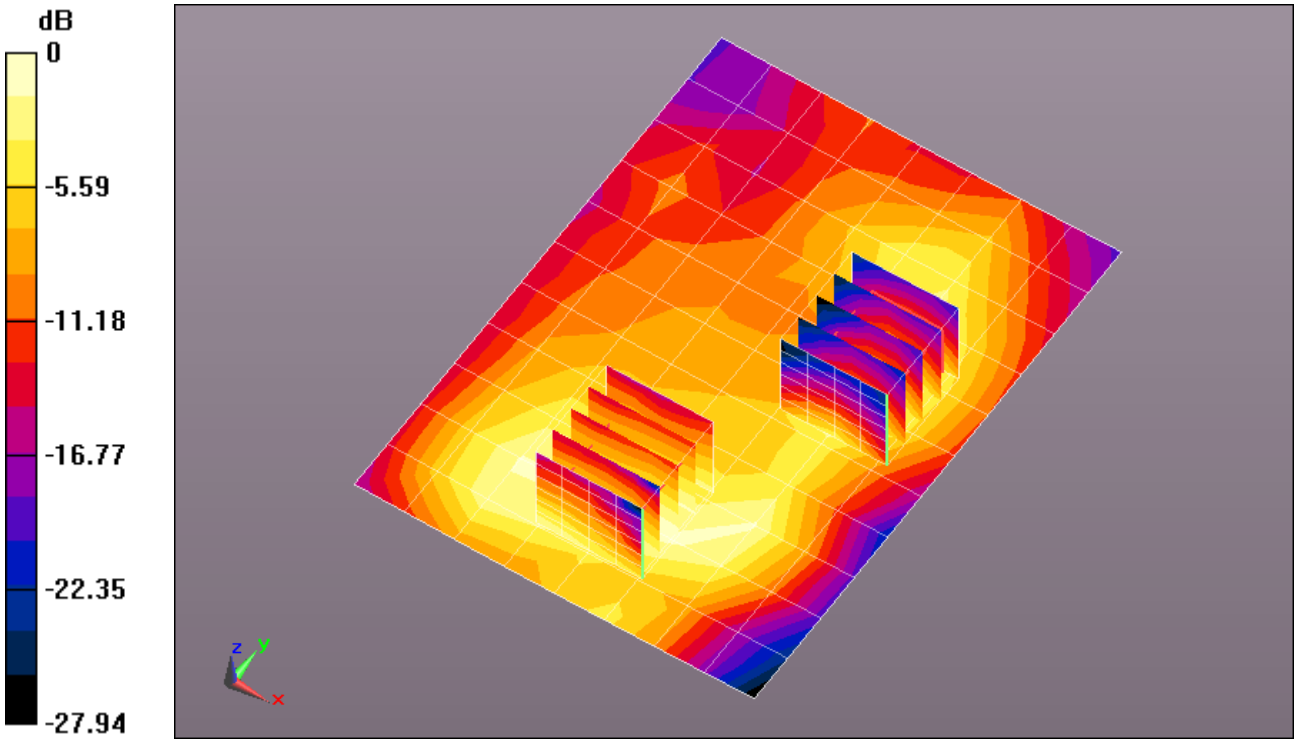
Communication System: LTE (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 2535 MHz
Medium: MBBL1900-3800_Batch 130619-1
Medium parameters used: f = 2535 MHz; σ = 2.105 S/m; ε_r = 51.853; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 23.5C; Medium Temperature: 22C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Hotspot_Full Power/Front 10mm_50RB/Area Scan (9x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.279 W/kg

Hotspot_Full Power/Front 10mm_50RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.264 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.493 W/kg
SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.110 W/kg
Maximum value of SAR (measured) = 0.305 W/kg

Hotspot_Full Power/Front 10mm_50RB/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.264 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.336 W/kg
SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.095 W/kg
Maximum value of SAR (measured) = 0.224 W/kg



0 dB = 0.279 W/kg = -5.54 dBW/kg

Plot 155

Date/Time: 1/6/2014 6:09:27 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: GSM-CB5A1W5TUN

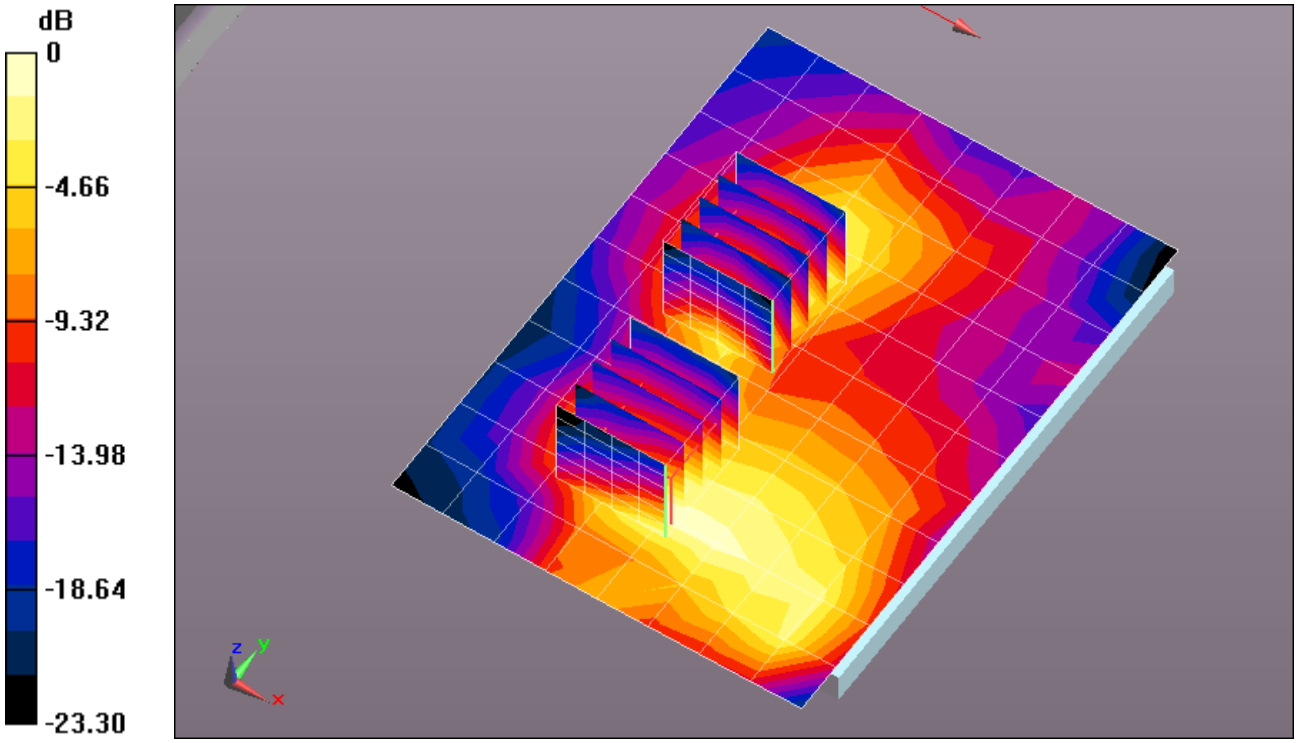
Communication System: LTE (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 2535 MHz
Medium: MBBL1900-3800_Batch 130619-1
Medium parameters used: f = 2535 MHz; σ = 2.105 S/m; ε_r = 51.853; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 23.6C; Medium Temperature:22 C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Hotspot_Full Power/Back 10mm_50RB/Area Scan (9x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.317 W/kg

Hotspot_Full Power/Back 10mm_50RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.955 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.571 W/kg
SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.133 W/kg
Maximum value of SAR (measured) = 0.356 W/kg

Hotspot_Full Power/Back 10mm_50RB/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.955 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.448 W/kg
SAR(1 g) = 0.215 W/kg; SAR(10 g) = 0.114 W/kg
Maximum value of SAR (measured) = 0.264 W/kg



0 dB = 0.317 W/kg = -4.99 dBW/kg

Plot 156

Date/Time: 1/6/2014 7:32:47 PM

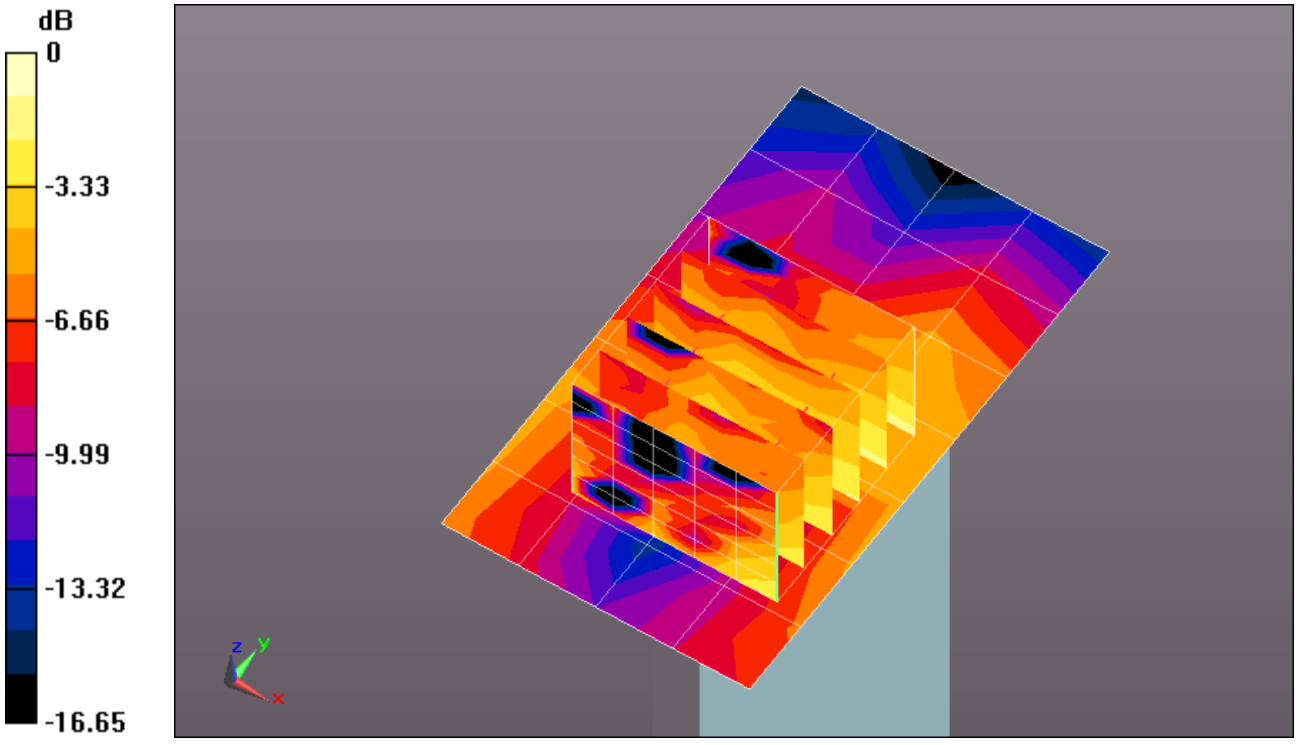
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: GSM-CB5A1W5TUN

Communication System: LTE (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 2535 MHz
Medium: MBBL1900-3800_Batch 130619-1
Medium parameters used: f = 2535 MHz; σ = 2.105 S/m; ε_r = 51.853; 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: 22C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Hotspot_Full Power/Bottom Edge 10mm_50RB/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0814 W/kg

Hotspot_Full Power/Bottom Edge 10mm_50RB/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.227 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.181 W/kg
SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.024 W/kg
Maximum value of SAR (measured) = 0.0956 W/kg



0 dB = 0.0814 W/kg = -10.89 dBW/kg

Plot 157

Date/Time: 1/6/2014 8:02:59 PM

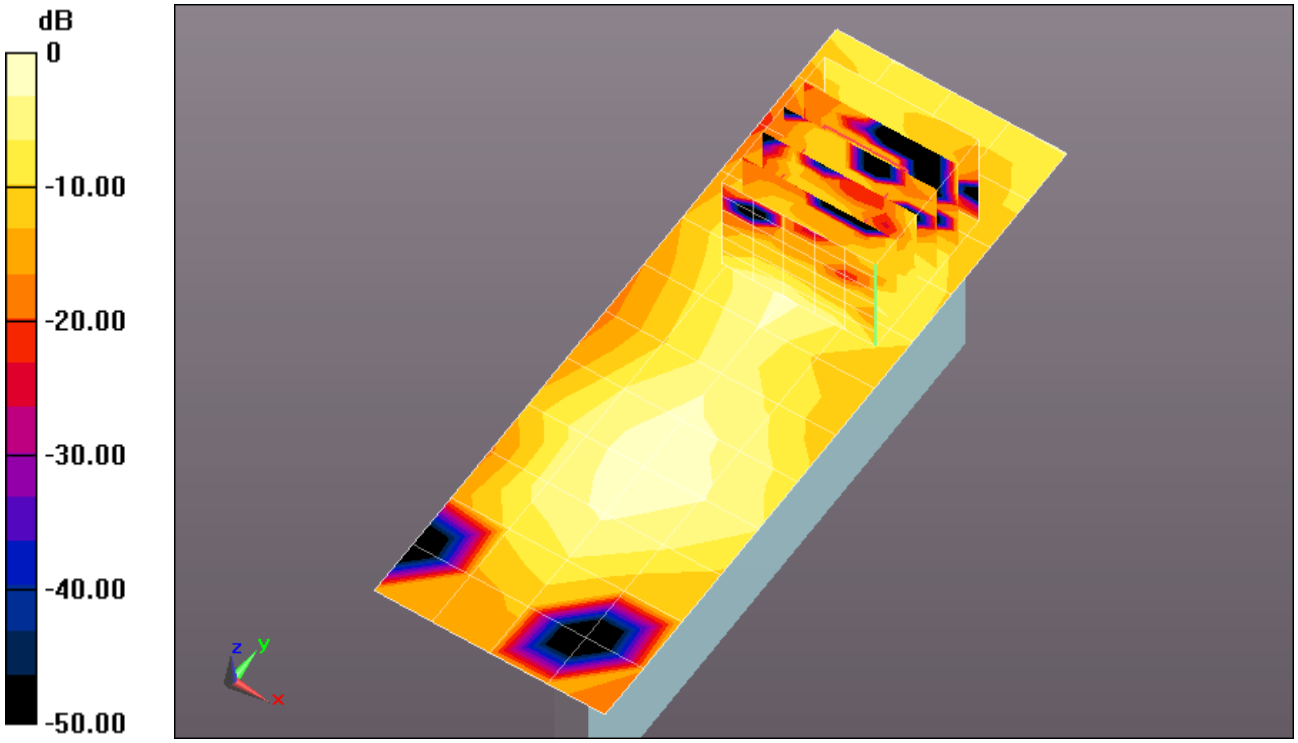
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: GSM-CB5A1W5TUN

Communication System: LTE (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 2535 MHz
Medium: MBBL1900-3800_Batch 130619-1
Medium parameters used: f = 2535 MHz; σ = 2.105 S/m; ε_r = 51.853; 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: 23.7C; Medium Temperature: 22C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Hotspot_Full Power/Left Edge 10mm_50RB/Area Scan (5x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0248 W/kg

Hotspot_Full Power/Left Edge 10mm_50RB/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.430 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.0550 W/kg
SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.00782 W/kg
Maximum value of SAR (measured) = 0.0228 W/kg



0 dB = 0.0248 W/kg = -16.06 dBW/kg

Plot 158

Date/Time: 1/6/2014 9:07:43 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Sony Samba; Type: phone; Serial: GSM-CB5A1W5TUN

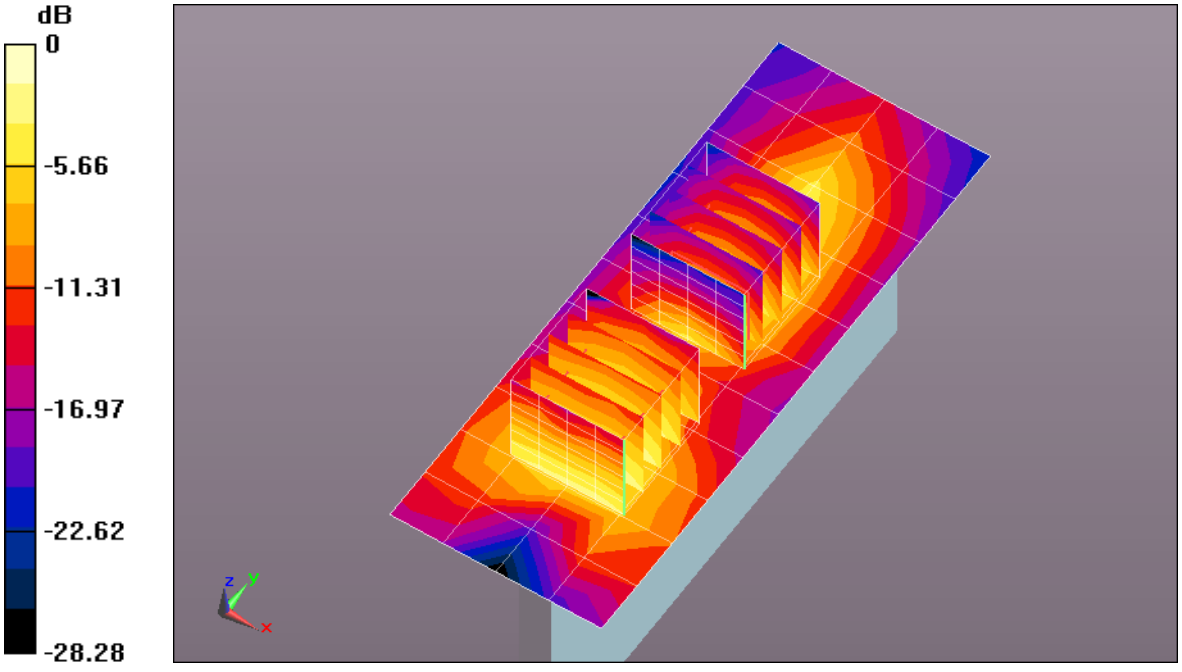
Communication System: LTE (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 2535 MHz
Medium: MBBL1900-3800_Batch 130619-1
Medium parameters used: f = 2535 MHz; σ = 2.105 S/m; ε_r = 51.853; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 23.1C; Medium Temperature: 21.8C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Hotspot_Full Power/Right Edge 10mm_50RB/Area Scan (5x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.571 W/kg

Hotspot_Full Power/Right Edge 10mm_50RB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.590 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.455 W/kg; SAR(10 g) = 0.199 W/kg
Maximum value of SAR (measured) = 0.613 W/kg

Hotspot_Full Power/Right Edge 10mm_50RB/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.590 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.756 W/kg
SAR(1 g) = 0.326 W/kg; SAR(10 g) = 0.140 W/kg
Maximum value of SAR (measured) = 0.447 W/kg



0 dB = 0.571 W/kg = -2.43 dBW/kg

Plot 159

Date/Time: 1/3/2014 7:32:32 PM

Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TQV

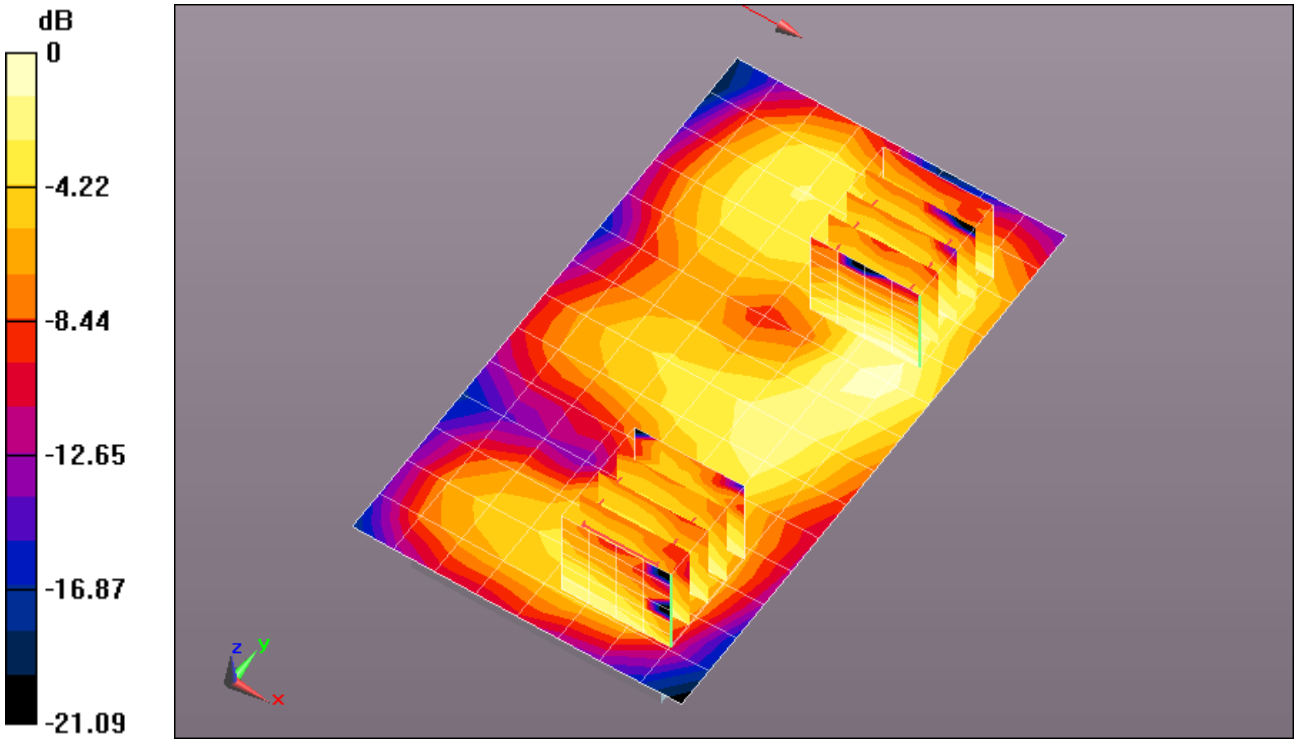
Communication System: 802.11 bgn 100% Duty Cycle; Frequency: 2437 MHz
Medium: MSL2450_Batch 110530-1
Medium parameters used: f = 2437 MHz; σ = 2.019 S/m; ε_r = 51.43; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 22C; Medium Temperature: 20.5C; Comments:
;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.34, 4.34, 4.34); Calibrated: 6/19/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat Section/Front 10mm/Area Scan (9x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0751 W/kg

Flat Section/Front 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.988 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.102 W/kg
SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.025 W/kg
Maximum value of SAR (measured) = 0.0732 W/kg

Flat Section/Front 10mm/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.988 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.0710 W/kg
SAR(1 g) = 0.035 W/kg; SAR(10 g) = 0.019 W/kg
Maximum value of SAR (measured) = 0.0506 W/kg



0 dB = 0.0751 W/kg = -11.24 dBW/kg

Plot 160

Date/Time: 1/4/2014 1:00:59 AM

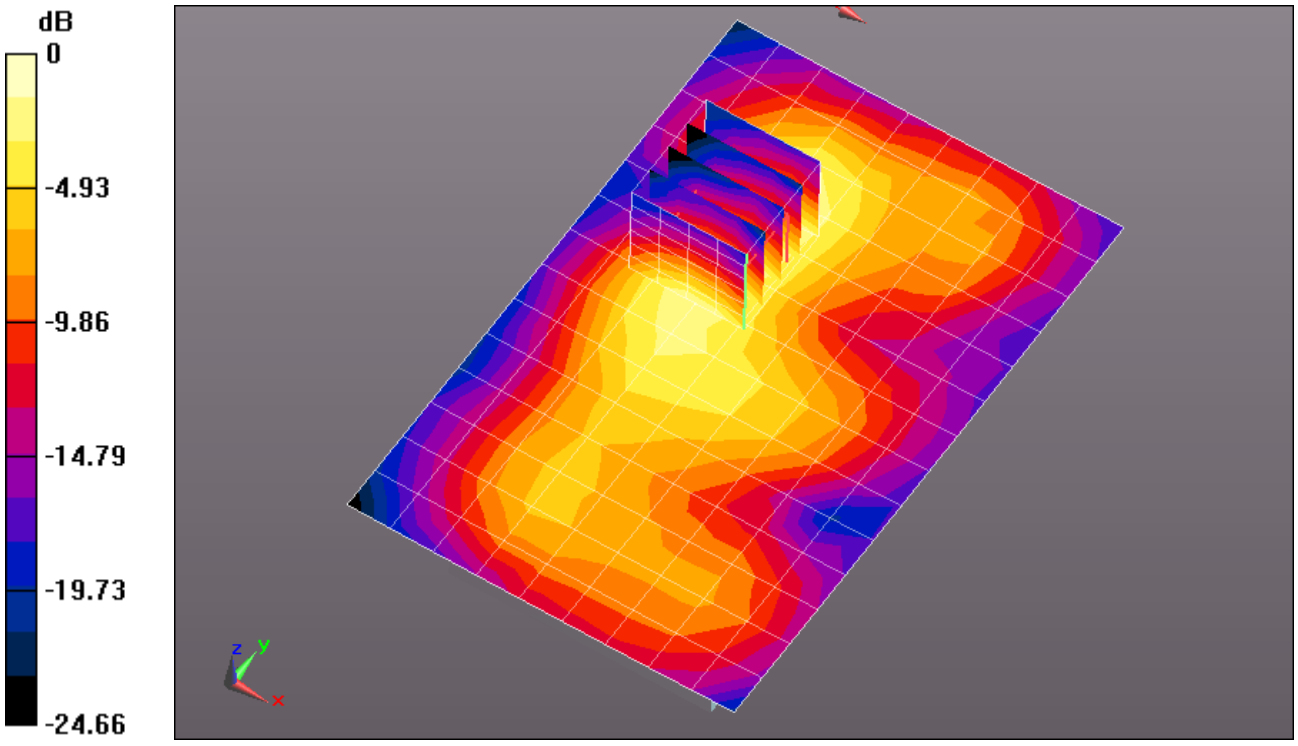
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TQV

Communication System: 802.11 bgn 100% Duty Cycle; Frequency: 2437 MHz
Medium: MSL2450_Batch 110530-1
Medium parameters used: f = 2437 MHz; σ = 2.019 S/m; ε_r = 51.43; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 21.8C; Medium Temperature: 20.3C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.34, 4.34, 4.34); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat Section/Back 10mm 2/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.172 W/kg

Flat Section/Back 10mm 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.907 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.295 W/kg
SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.062 W/kg



0 dB = 0.172 W/kg = -7.63 dBW/kg

Plot 161

Date/Time: 1/3/2014 10:49:31 PM

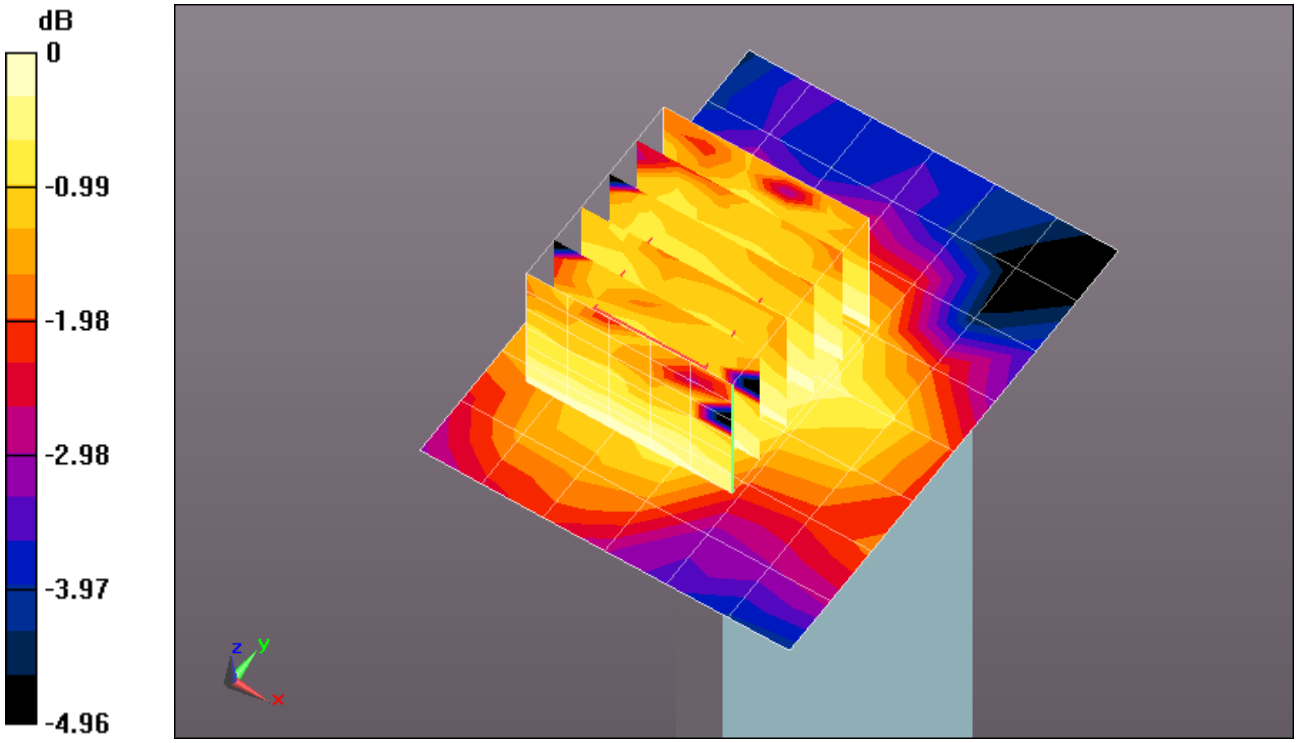
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TQV

Communication System: 802.11 bgn 100% Duty Cycle; Frequency: 2437 MHz
Medium: MSL2450_Batch 110530-1
Medium parameters used: f = 2437 MHz; σ = 2.019 S/m; ε_r = 51.43; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 21.5C; Medium Temperature: 20.1C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.34, 4.34, 4.34); Calibrated: 6/19/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat Section/Top Edge 10mm/Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0127 W/kg

Flat Section/Top Edge 10mm/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.154 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.0220 W/kg
SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00612 W/kg
Maximum value of SAR (measured) = 0.0129 W/kg



0 dB = 0.0127 W/kg = -18.97 dBW/kg

Plot 162

Date/Time: 1/4/2014 12:31:07 AM

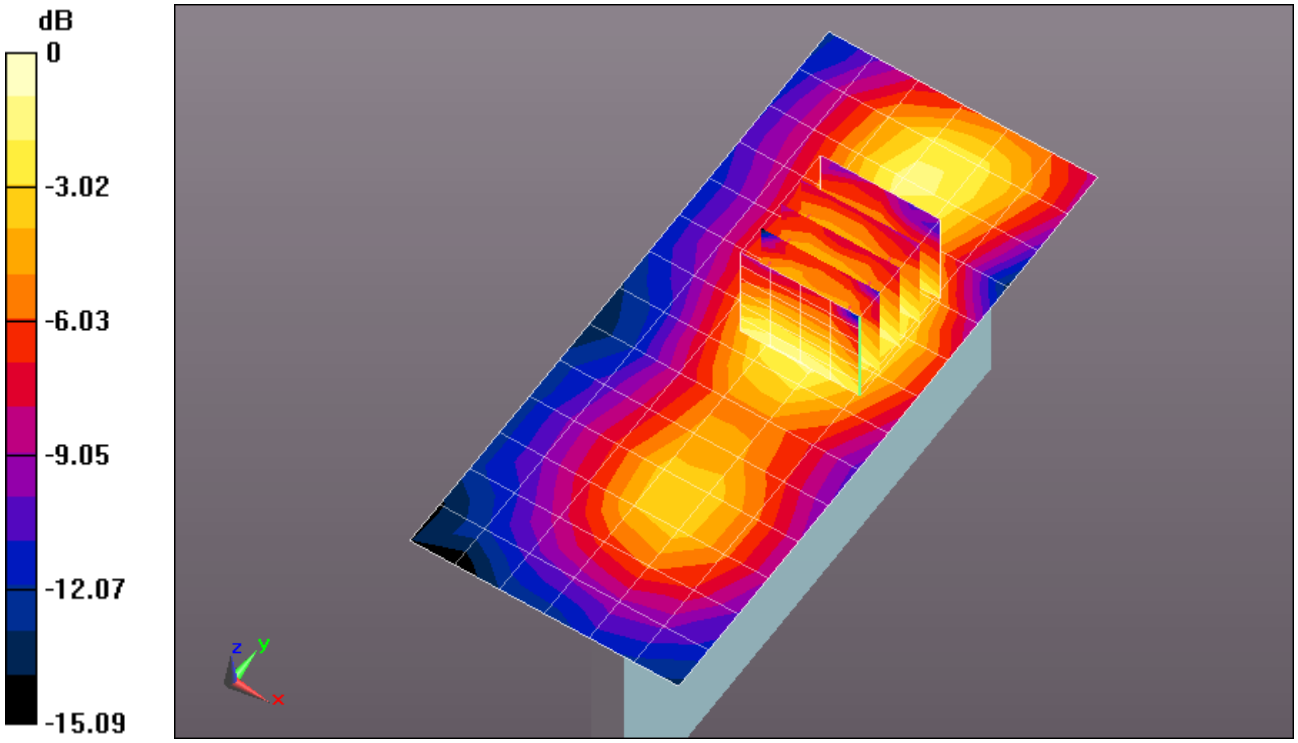
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TQV

Communication System: 802.11 bgn 100% Duty Cycle; Frequency: 2437 MHz
Medium: MSL2450_Batch 110530-1
Medium parameters used: f = 2437 MHz; σ = 2.019 S/m; ε_r = 51.43; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 21.1C; Medium Temperature: 19.7C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.34, 4.34, 4.34); Calibrated: 6/19/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- DASY52 52.8.1(838);

Flat Section/Right Edge 10mm/Area Scan (7x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0944 W/kg

Flat Section/Right Edge 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.791 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.0950 W/kg
SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.026 W/kg
Maximum value of SAR (measured) = 0.0587 W/kg



0 dB = 0.0944 W/kg = -10.25 dBW/kg

Plot 163

Date/Time: 1/4/2014 11:09:49 AM

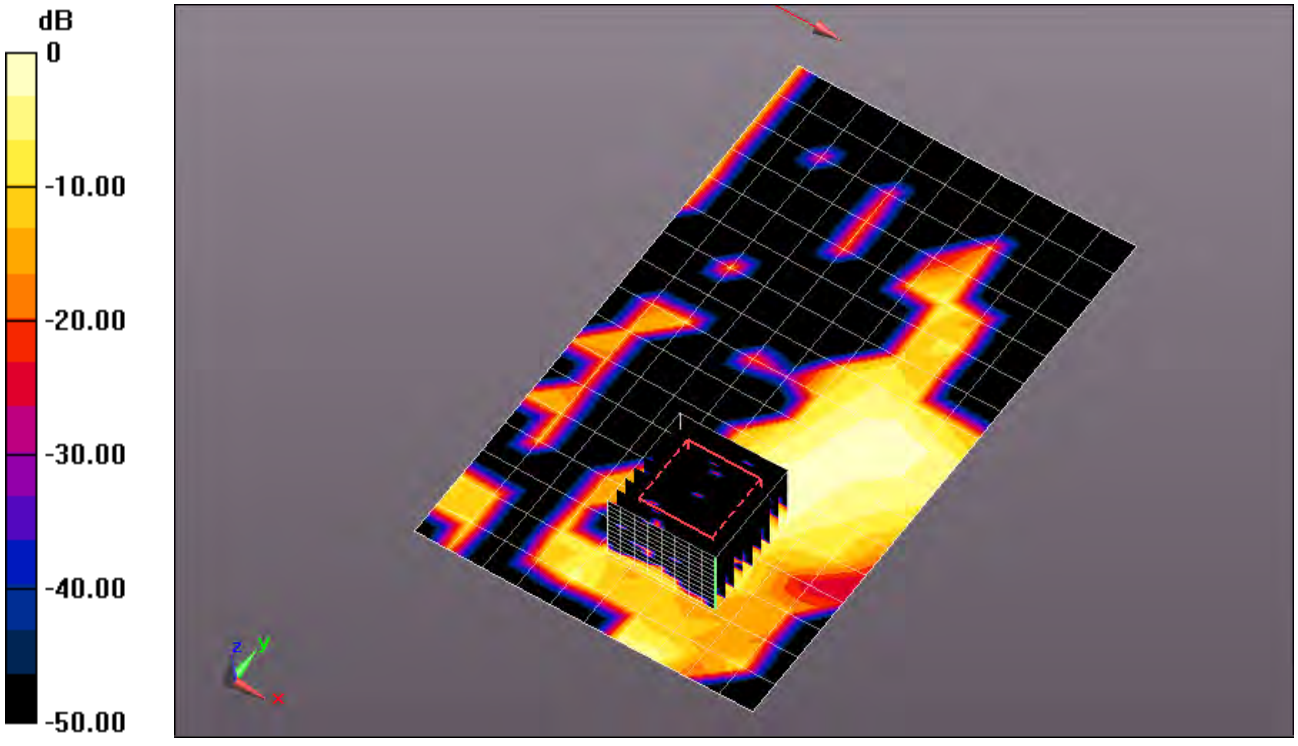
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Sony Samba; Type: phone; Serial: SAR WLAN #1

Communication System: 802.11an_100% Duty Cycle; Frequency: 5180 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5180 MHz; σ = 5.207 S/m; ε_r = 49.344; 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: 23.8C; Medium Temperature: 22.8C;
Comments: ;
DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.59, 4.59, 4.59); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 22.0
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat Section/Front 10mm/Area Scan (11x18x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0365 W/kg

Flat Section/Front 10mm/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.164 W/kg
SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.00448 W/kg
Maximum value of SAR (measured) = 0.0390 W/kg



0 dB = 0.0390 W/kg = -14.09 dBW/kg

Plot 164

Date/Time: 1/4/2014 1:34:15 PM

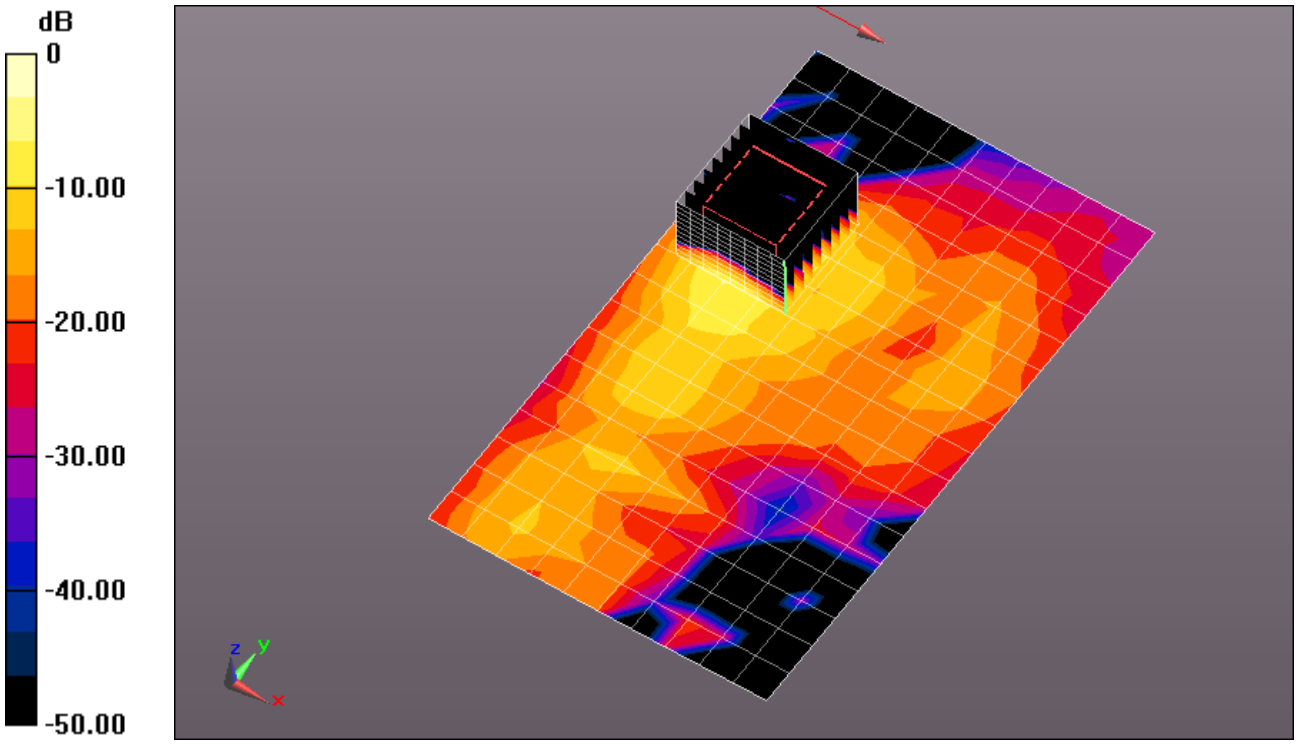
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Sony Samba; Type: phone; Serial: SAR WLAN #1

Communication System: 802.11an_100% Duty Cycle; Frequency: 5180 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5180 MHz; σ = 5.207 S/m; ε_r = 49.344; 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: 23.7C; Medium Temperature: 22.8C;
Comments: ;
DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.59, 4.59, 4.59); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 22.0
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat Section/Back 10mm/Area Scan (11x18x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.839 W/kg

Flat Section/Back 10mm/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.217 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 2.15 W/kg
SAR(1 g) = 0.529 W/kg; SAR(10 g) = 0.144 W/kg
Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg = 0.33 dBW/kg

Plot 165

Date/Time: 1/5/2014 10:17:25 PM

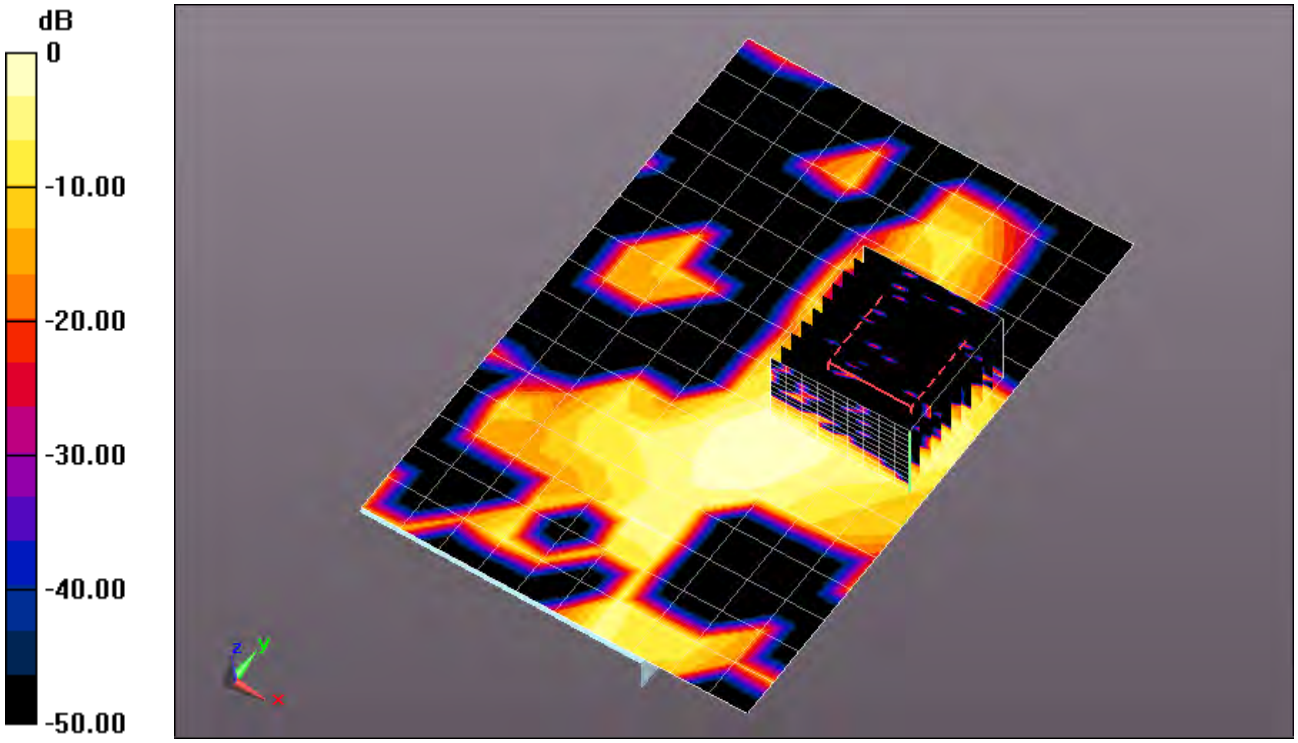
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUE

Communication System: 802.11an_100% Duty Cycle; Frequency: 5260 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5260 MHz; σ = 5.379 S/m; ε_r = 48.53; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
Procedure Notes: Test Technician: Mike; Air Temperature: 23C; Medium Temperature: 22.8C; Comments:
;
DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.45, 4.45, 4.45); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 22.0
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

WLAN AN_1-5-2014/Front 10mm_5260MHz/Area Scan (11x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0470 W/kg

WLAN AN_1-5-2014/Front 10mm_5260MHz/Zoom Scan (10x10x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.814 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.271 W/kg
SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.00913 W/kg
Maximum value of SAR (measured) = 0.0453 W/kg



0 dB = 0.0453 W/kg = -13.44 dBW/kg

Plot 166

Date/Time: 1/6/2014 12:36:42 AM

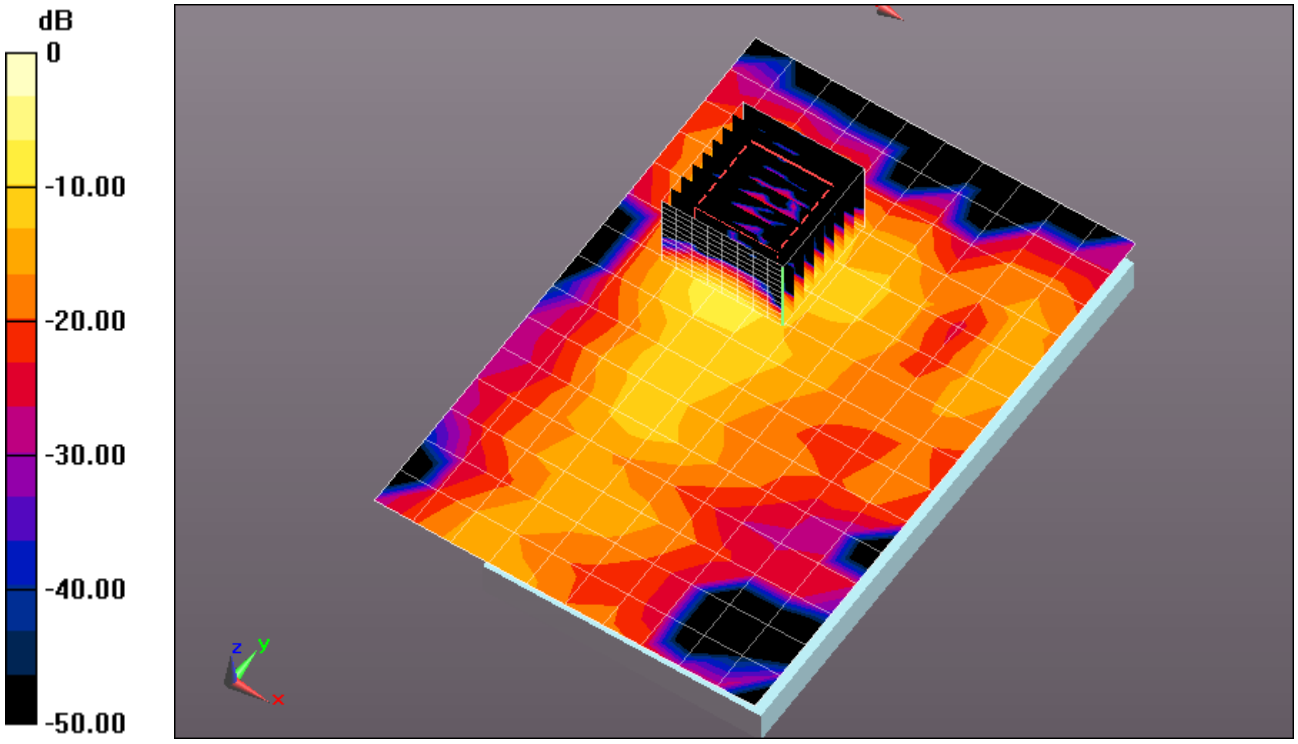
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUE

Communication System: 802.11an_100% Duty Cycle; Frequency: 5260 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5260 MHz; σ = 5.379 S/m; ε_r = 48.53; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
Procedure Notes: Test Technician: Mike; Air Temperature: 23C; Medium Temperature: 22.4C; Comments:
;
DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.45, 4.45, 4.45); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 22.0
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

WLAN AN_1-5-2014/Back 10mm_5260MHz/Area Scan (11x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.16 W/kg

WLAN AN_1-5-2014/Back 10mm_5260MHz/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 8.549 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 2.97 W/kg
SAR(1 g) = 0.734 W/kg; SAR(10 g) = 0.204 W/kg
Maximum value of SAR (measured) = 1.49 W/kg



0 dB = 1.49 W/kg = 1.73 dBW/kg

Plot 167

Date/Time: 1/6/2014 3:45:27 PM

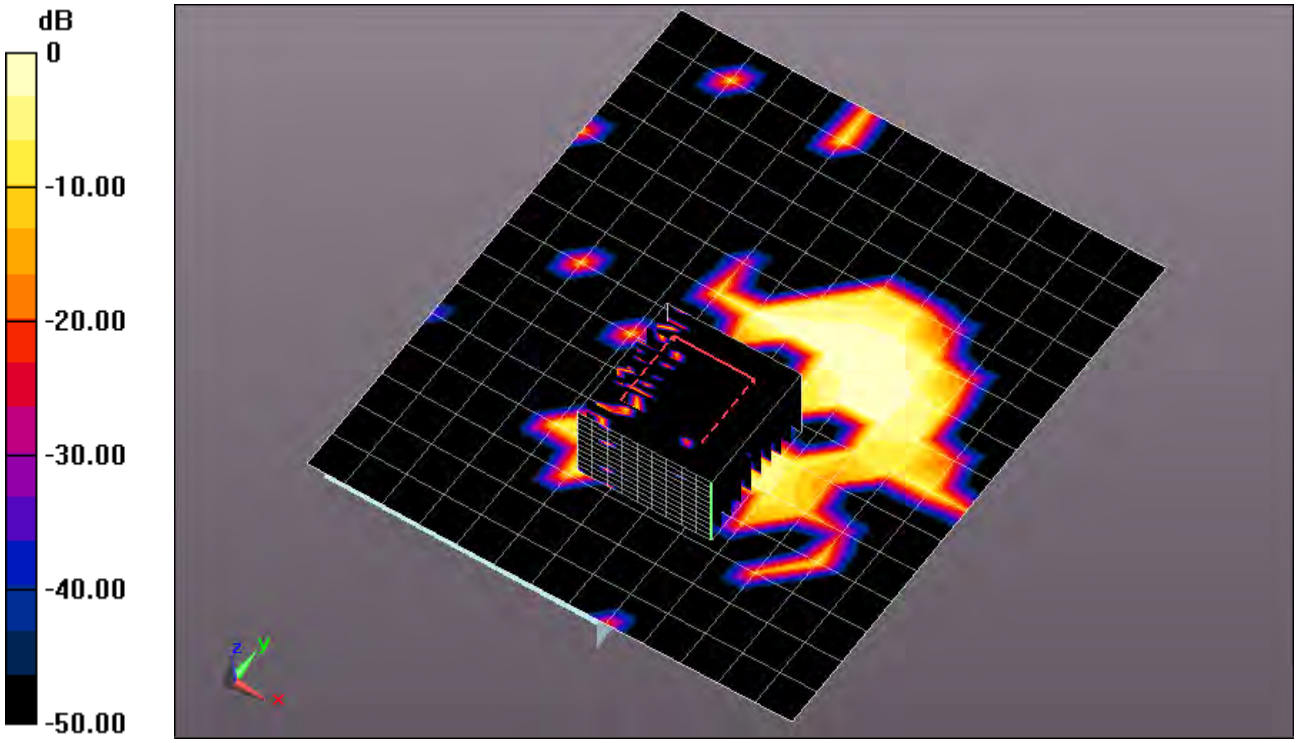
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUE

Communication System: 802.11an_100% Duty Cycle; Frequency: 5520 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5520 MHz; σ = 5.674 S/m; ε_r = 49.294; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
Procedure Notes: Test Technician: Lenny; Air Temperature: 23.8C; Medium Temperature: 22.8C;
Comments: ;
DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.06, 4.06, 4.06); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 22.0
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

WLAN AN_5520/Front 10mm_5520MHz/Area Scan (14x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0215 W/kg

WLAN AN_5520/Front 10mm_5520MHz/Zoom Scan (10x10x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.720 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.147 W/kg
SAR(1 g) = 0.00919 W/kg; SAR(10 g) = 0.00128 W/kg
Maximum value of SAR (measured) = 0.0181 W/kg



0 dB = 0.0181 W/kg = -17.42 dBW/kg

Plot 168

Date/Time: 1/6/2014 7:35:36 PM

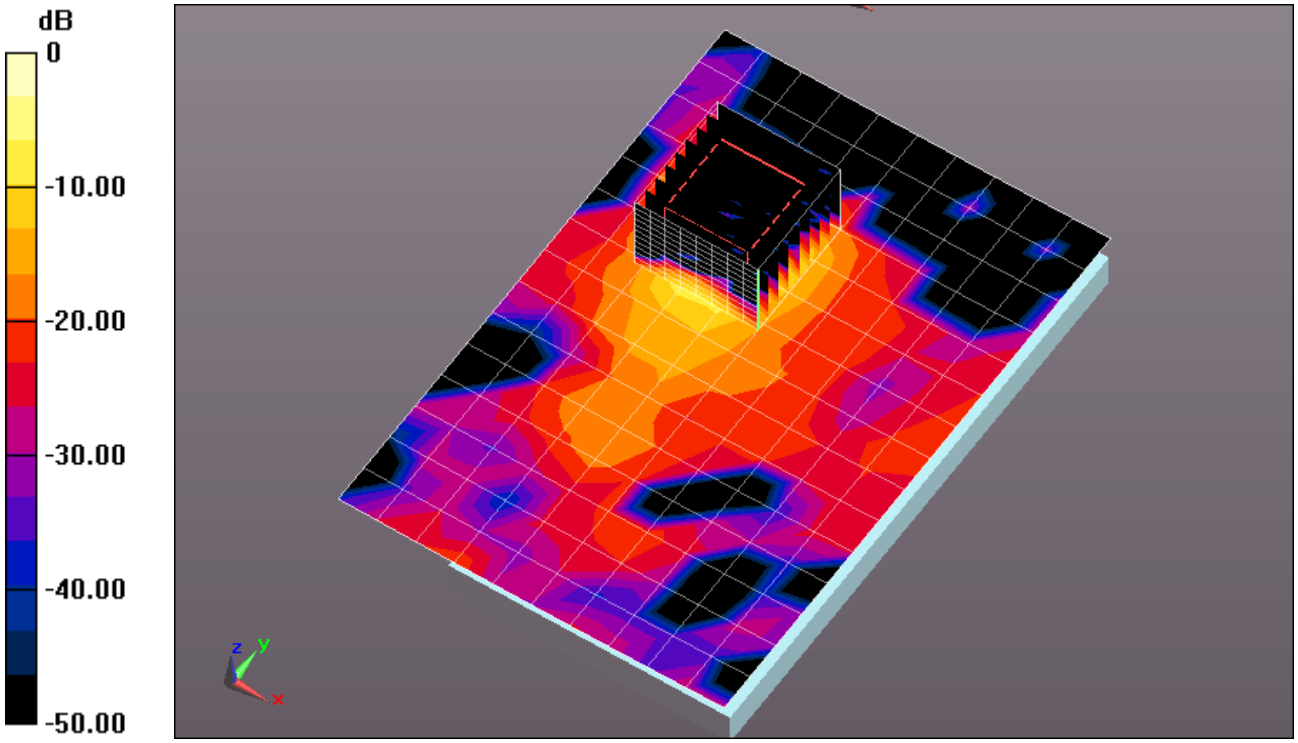
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Sony Samba; Type: phone; Serial: CB5A1W5TUE

Communication System: 802.11an_100% Duty Cycle; Frequency: 5520 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5520 MHz; σ = 5.674 S/m; ε_r = 49.294; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
Procedure Notes: Test Technician: Mike; Air Temperature: 23.8C; Medium Temperature: 22.8C;
Comments: ;
DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.06, 4.06, 4.06); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 22.0
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

WLAN AN_5520/Back 10mm_5520MHz/Area Scan (11x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.09 W/kg

WLAN AN_5520/Back 10mm_5520MHz/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 6.640 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 3.13 W/kg
SAR(1 g) = 0.762 W/kg; SAR(10 g) = 0.199 W/kg
Maximum value of SAR (measured) = 1.59 W/kg



0 dB = 1.59 W/kg = 2.01 dBW/kg

Plot 169

Date/Time: 1/5/2014 1:03:38 PM

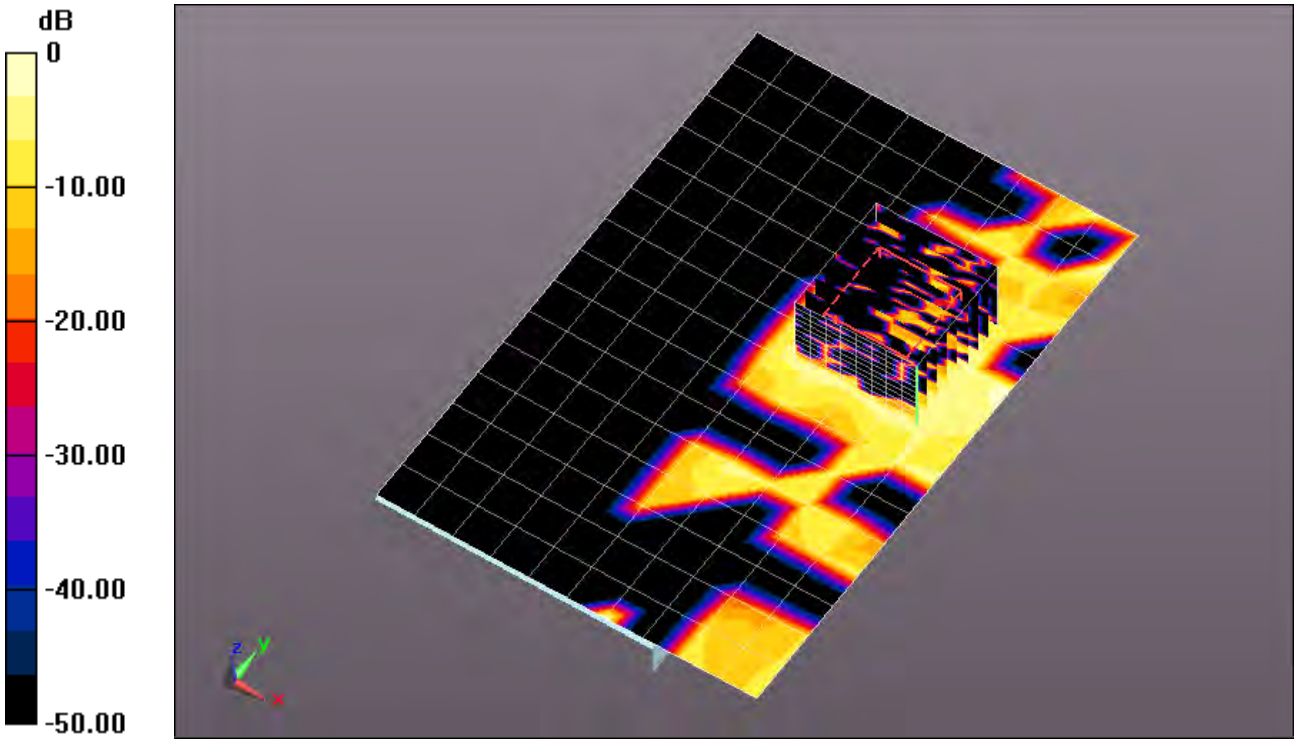
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Sony Samba; Type: phone; Serial: SAR WLAN #1

Communication System: 802.11an_100% Duty Cycle; Frequency: 5745 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5745 MHz; σ = 5.978 S/m; ε_r = 48.301; 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: 22.3C; Medium Temperature: C; Comments: ;
DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.27, 4.27, 4.27); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 22.0
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat Section/Front 10mm_5745MHz/Area Scan (11x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0292 W/kg

Flat Section/Front 10mm_5745MHz/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.544 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.186 W/kg
SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00536 W/kg
Maximum value of SAR (measured) = 0.0228 W/kg



0 dB = 0.0228 W/kg = -16.42 dBW/kg

Plot 170

Date/Time: 1/5/2014 2:43:10 PM

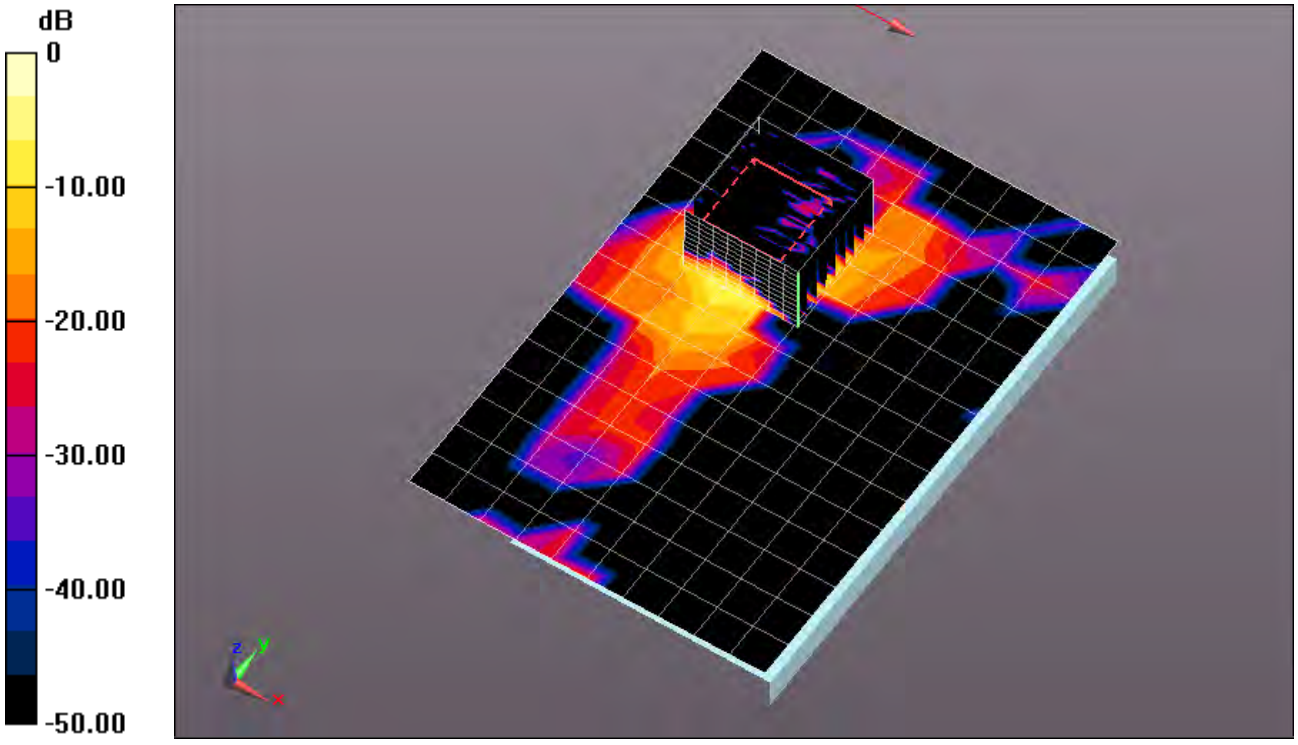
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Sony Samba; Type: phone; Serial: SAR WLAN #1

Communication System: 802.11an_100% Duty Cycle; Frequency: 5745 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5745 MHz; σ = 5.978 S/m; ε_r = 48.301; 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: 22.2C; Medium Temperature: C; Comments: ;
DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.27, 4.27, 4.27); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 22.0
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- DASY52 52.8.1(838);

Flat Section/Back 10mm_5745MHz/Area Scan (11x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.631 W/kg

Flat Section/Back 10mm_5745MHz/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.864 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.356 W/kg; SAR(10 g) = 0.087 W/kg
Maximum value of SAR (measured) = 0.778 W/kg



0 dB = 0.778 W/kg = -1.09 dBW/kg

Plot 171

Date/Time: 12/19/2013 10:26:33 AM

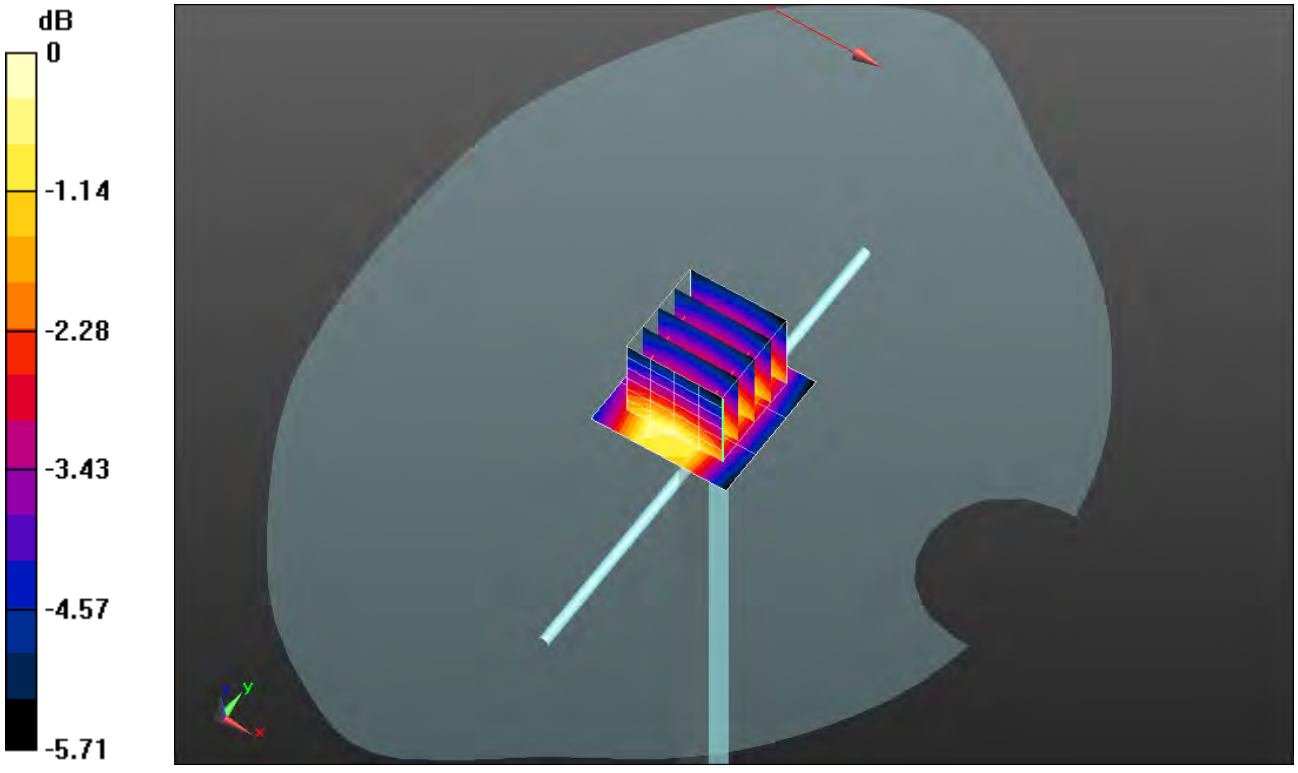
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Dipole 835 MHz - D835V2 - SN4d113; Type: D835V2; Serial: D835V2 - SN:4d113

Communication System: CW; Frequency: 835 MHz
Medium: HSL900_Batch 100922-1
Medium parameters used: f = 835 MHz; σ = 0.928 mho/m; ε_r = 42.028; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 22.1C; Medium Temperature: 20.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.28, 6.28, 6.28); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- 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 = 114.3 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 14.738 mW/g
SAR(1 g) = 9.98 mW/g; SAR(10 g) = 6.56 mW/g
Maximum value of SAR (measured) = 11.6 mW/g



0 dB = 10.5 mW/g = 20.44 dB mW/g

Plot 172

Date/Time: 1/20/2014 8:08:34 AM

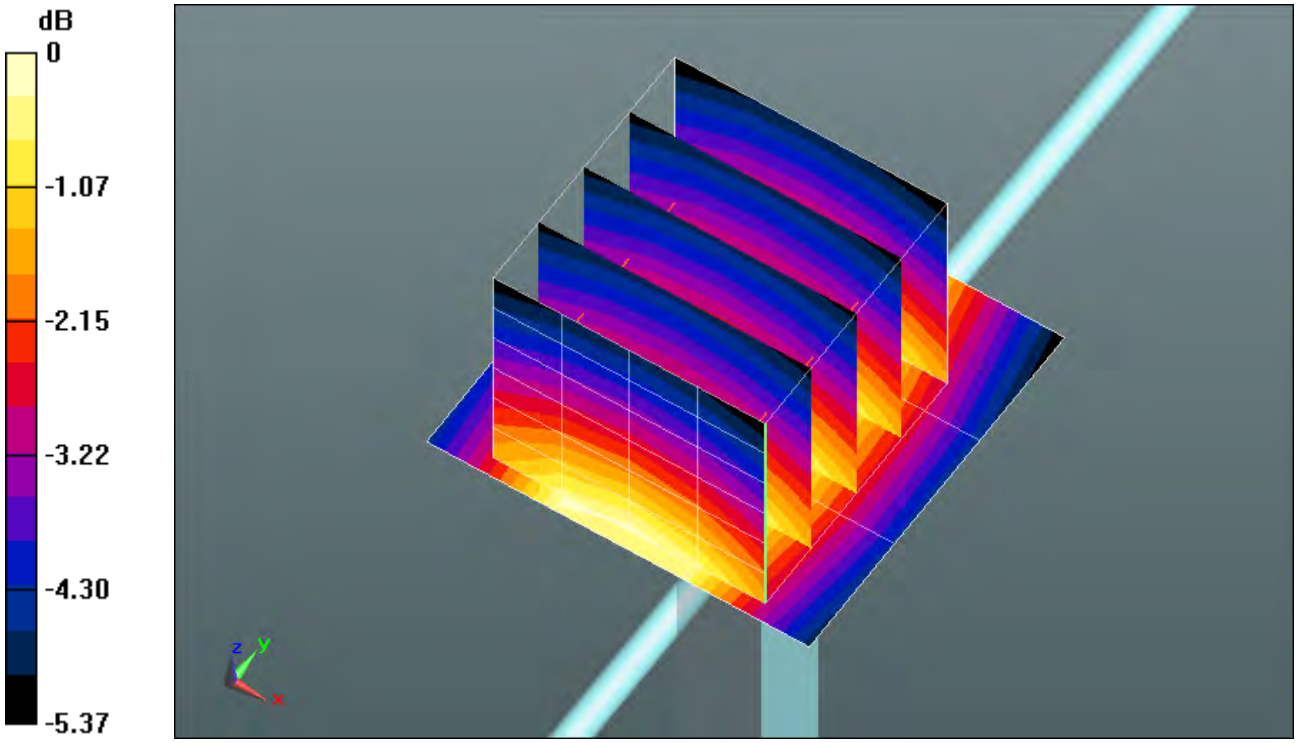
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Dipole 835 MHz - D835V2 - SN4d155_June 2013; Type: D835V2; Serial: D835V2 - SN:4d155

Communication System: CW; Frequency: 835 MHz
Medium: HSL900_Batch 100922-1
Medium parameters used: f = 835 MHz; σ = 0.898 S/m; ε_r = 40.834; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.3C; Medium Temperature: 20.4C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(6.28, 6.28, 6.28); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: SAM Rear; Type: QD000P40CC; Serial: TP:xxxx
- 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) = 9.75 W/kg

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 = 114.3 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 14.2 W/kg
SAR(1 g) = 9.51 W/kg; SAR(10 g) = 6.22 W/kg
Maximum value of SAR (measured) = 11.2 W/kg



0 dB = 9.75 W/kg = 9.89 dBW/kg

Plot 173

Date/Time: 12/31/2013 12:45:52 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Dipole 900 MHz - D900V2 - SN1d152_June 2013; Type: D900V2; Serial: D900V2 - SN:1d152

Communication System: CW; Frequency: 900 MHz
Medium: HSL900_Batch 100922-1
Medium parameters used (interpolated): f = 900 MHz; σ = 0.975 mho/m; ε_r = 40.842; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 20.8C; Medium Temperature: 20C; Comments:
;
DASY Configuration:

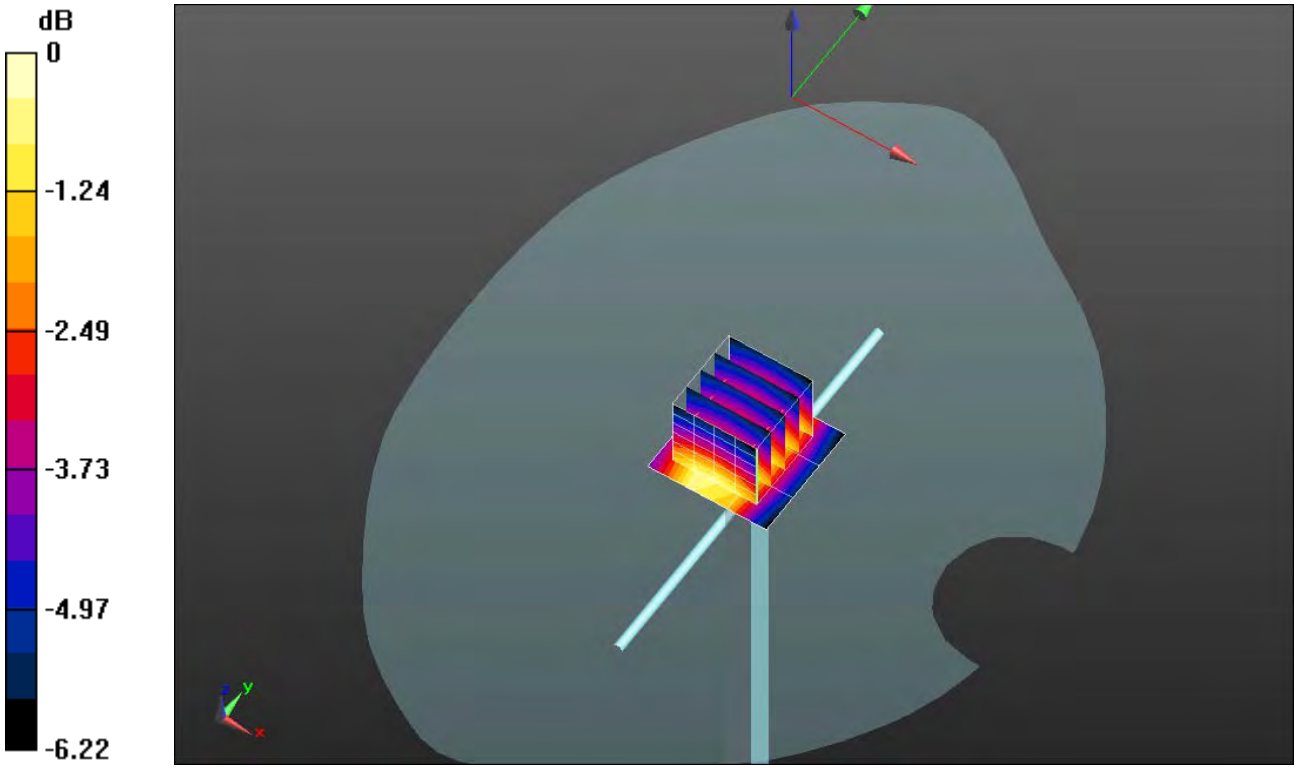
- Probe: ES3DV3 - SN3323; ConvF(6.22, 6.22, 6.22); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: SAM Front; Type: QD000P40CD; Serial: TP-1637
- DASY52 52.8.1(838);

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) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 114.1 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 15.474 mW/g
SAR(1 g) = 10.4 mW/g; SAR(10 g) = 6.74 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 12.2 mW/g



0 dB = 11.3 mW/g = 21.08 dB mW/g

Plot 174

Date/Time: 12/21/2013 7:45:16 AM

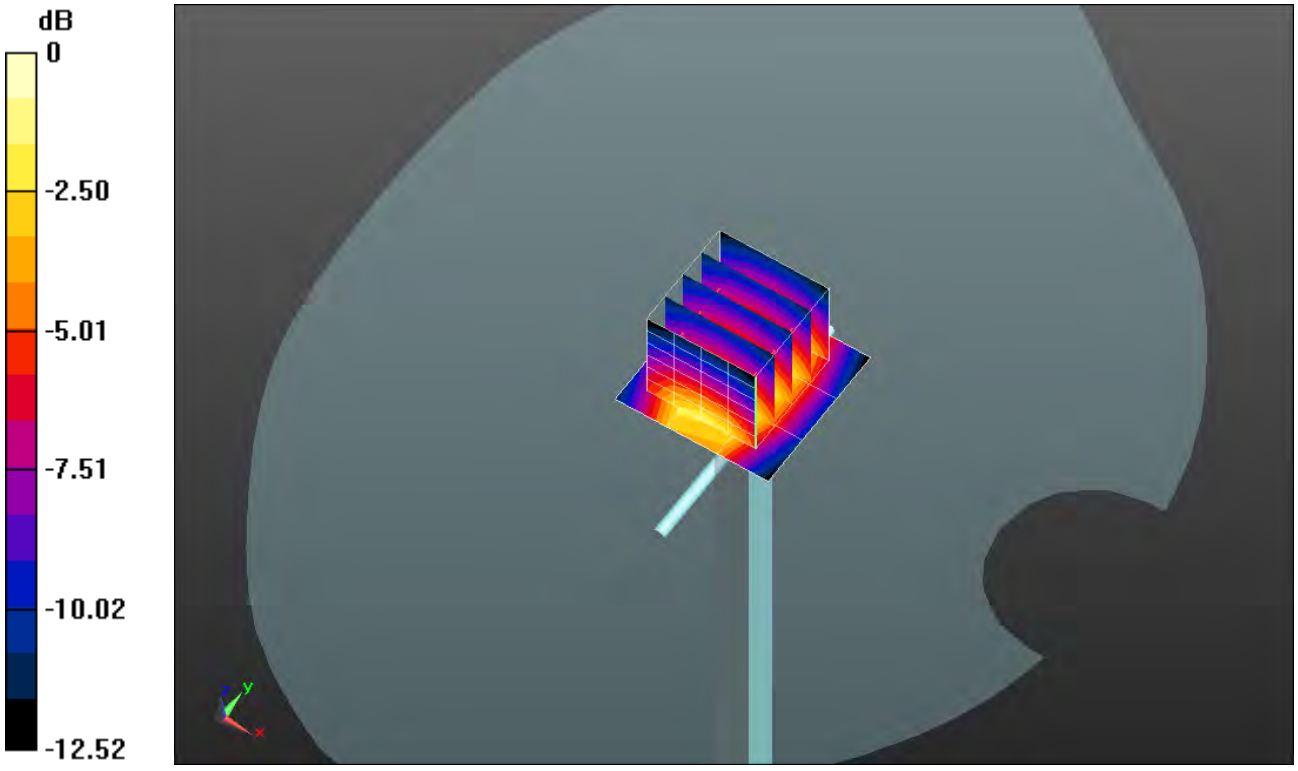
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Dipole 1750 MHz - D1750V2 - SN1094_June 2013; Type: D1750V2; Serial: D1750V2 - SN:1094

Communication System: CW; Frequency: 1750 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used: f = 1750 MHz; σ = 1.405 mho/m; ε_r = 39.265; 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: 21.1C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(5.24, 5.24, 5.24); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: SAM Rear; Type: QD000P40CC; Serial: TP: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) = 32.2 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 = 178.6 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 60.602 mW/g
SAR(1 g) = 33.7 mW/g; SAR(10 g) = 17.9 mW/g
Maximum value of SAR (measured) = 42.6 mW/g



0 dB = 32.2 mW/g = 30.17 dB mW/g

Plot 175

Date/Time: 12/23/2013 4:57:19 PM

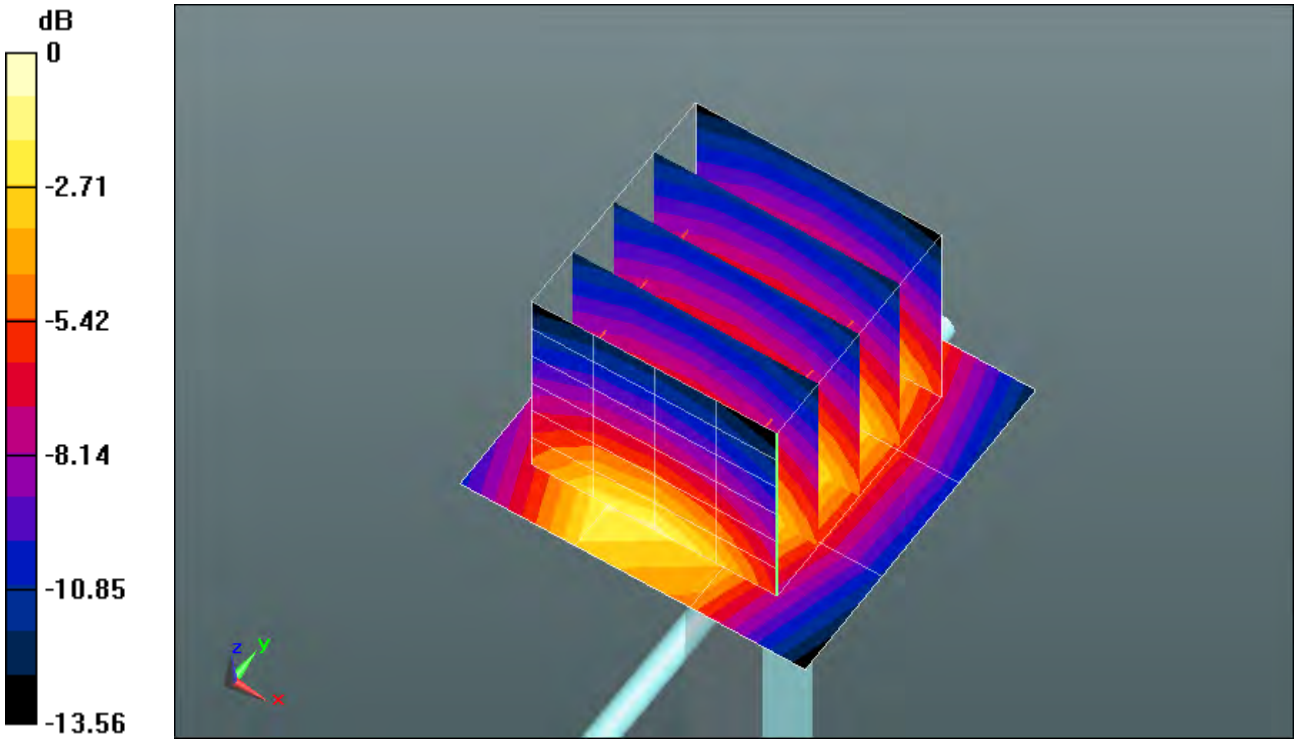
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Dipole 1750 MHz - D1750V2 - SN1094_June 2013; Type: D1750V2; Serial: D1750V2 - SN:1094

Communication System: CW; Frequency: 1750 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used: f = 1750 MHz; σ = 1.399 S/m; ε_r = 39.146; 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: 21.5C; Medium Temperature: 20.4C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(5.24, 5.24, 5.24); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: SAM Rear; Type: QD000P40CC; Serial: TP:xxxx
- 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) = 33.3 W/kg

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 = 174.7 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 60.2 W/kg
SAR(1 g) = 33.5 W/kg; SAR(10 g) = 17.7 W/kg
Maximum value of SAR (measured) = 42.2 W/kg



0 dB = 33.3 W/kg = 15.23 dBW/kg

Plot 176

Date/Time: 1/9/2014 4:04:39 PM

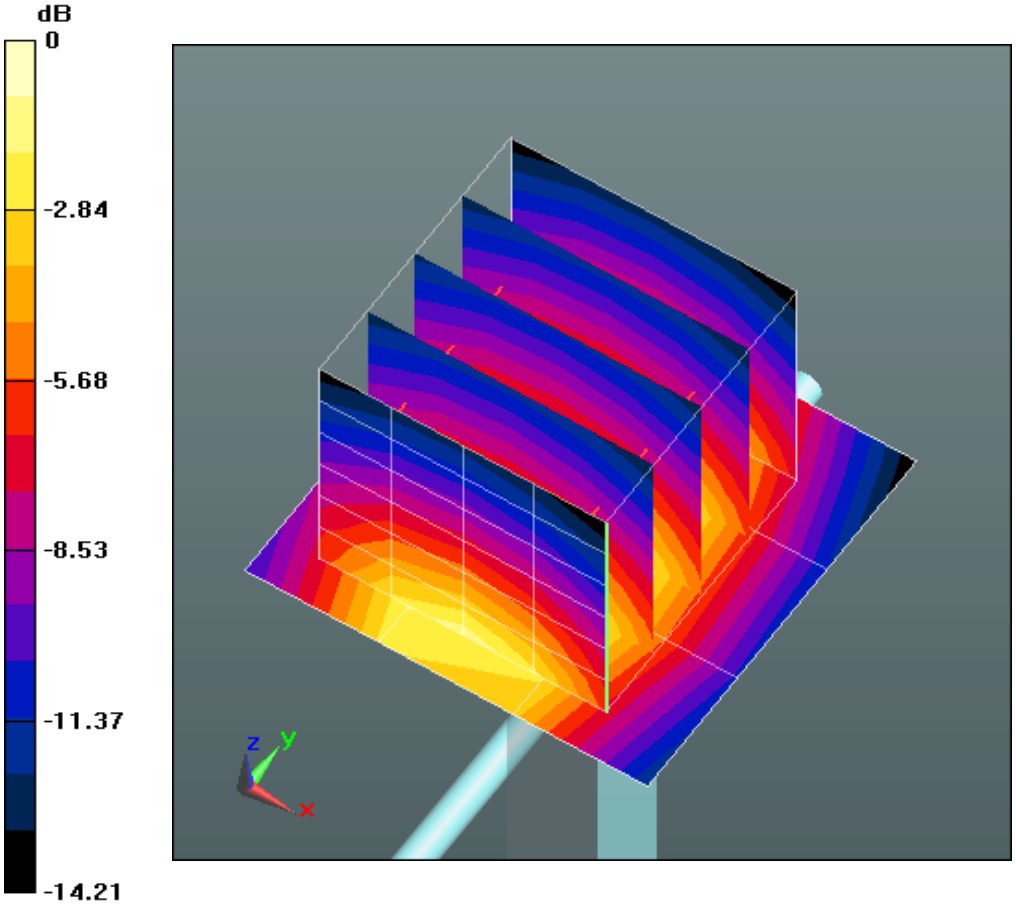
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Dipole 1750 MHz - D1750V2 - SN1094_June 2013; Type: D1750V2; Serial: D1750V2 - SN:1094

Communication System: CW; Frequency: 1750 MHz
Medium: HSL1750_Batch 100907-4
Medium parameters used: f = 1750 MHz; σ = 1.391 mho/m; ε_r = 40.014; 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: 22.5C; Medium Temperature: 22.2C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(5.24, 5.24, 5.24); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- 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) = 33.2 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 = 176.6 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 59.673 mW/g
SAR(1 g) = 33.4 mW/g; SAR(10 g) = 17.8 mW/g
Maximum value of SAR (measured) = 42.2 mW/g



0 dB = 33.2 mW/g = 30.42 dB mW/g

Plot 177

Date/Time: 12/19/2013 3:27:26 PM

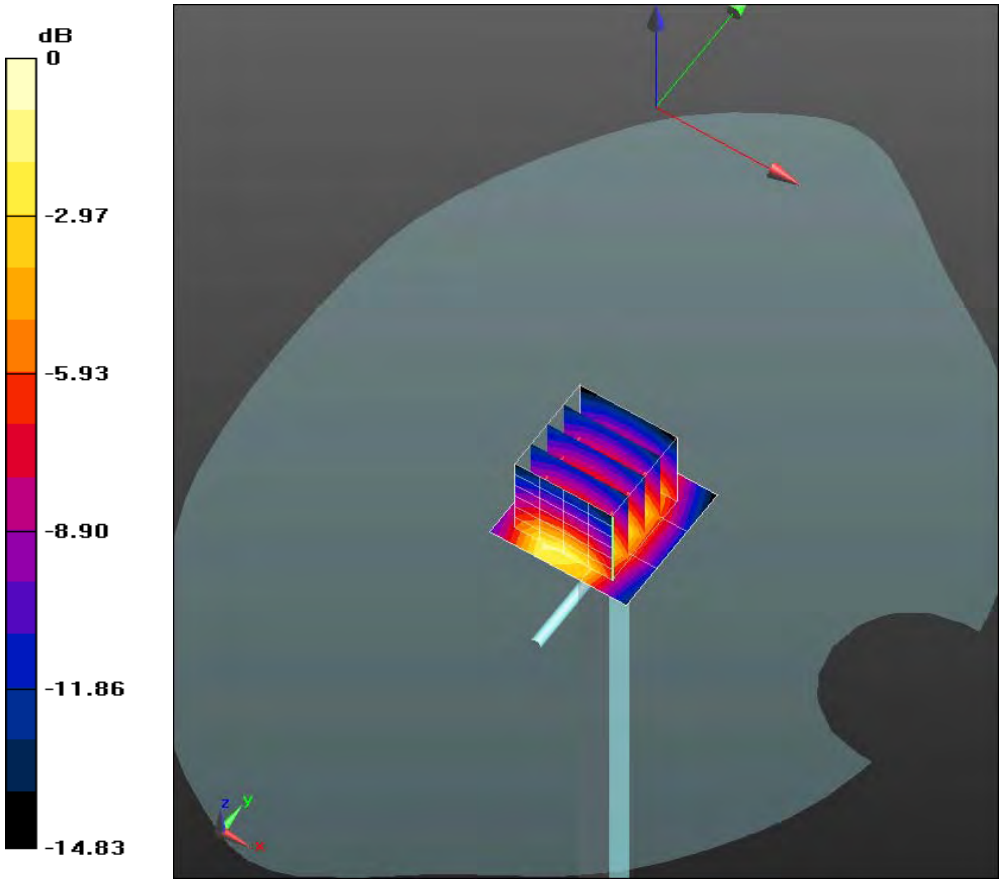
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Dipole 1900 MHz - D1900V2 - SN5d172_June 2013; Type: D1900V2; Serial: D1900V2 - SN:5d172

Communication System: CW; Frequency: 1900 MHz
Medium: HSL1900_Batch 110530-2
Medium parameters used: f = 1900 MHz; σ = 1.406 mho/m; ε_r = 38.669; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 23.9C; Medium Temperature: 22.3C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.32, 5.32, 5.32); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- 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)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 36.4 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 = 181.7 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 65.294 mW/g
SAR(1 g) = 35.9 mW/g; SAR(10 g) = 18.7 mW/g
Maximum value of SAR (measured) = 45.6 mW/g



0 dB = 36.4 mW/g = 31.23 dB mW/g

Plot 178

Date/Time: 12/21/2013 9:35:53 AM

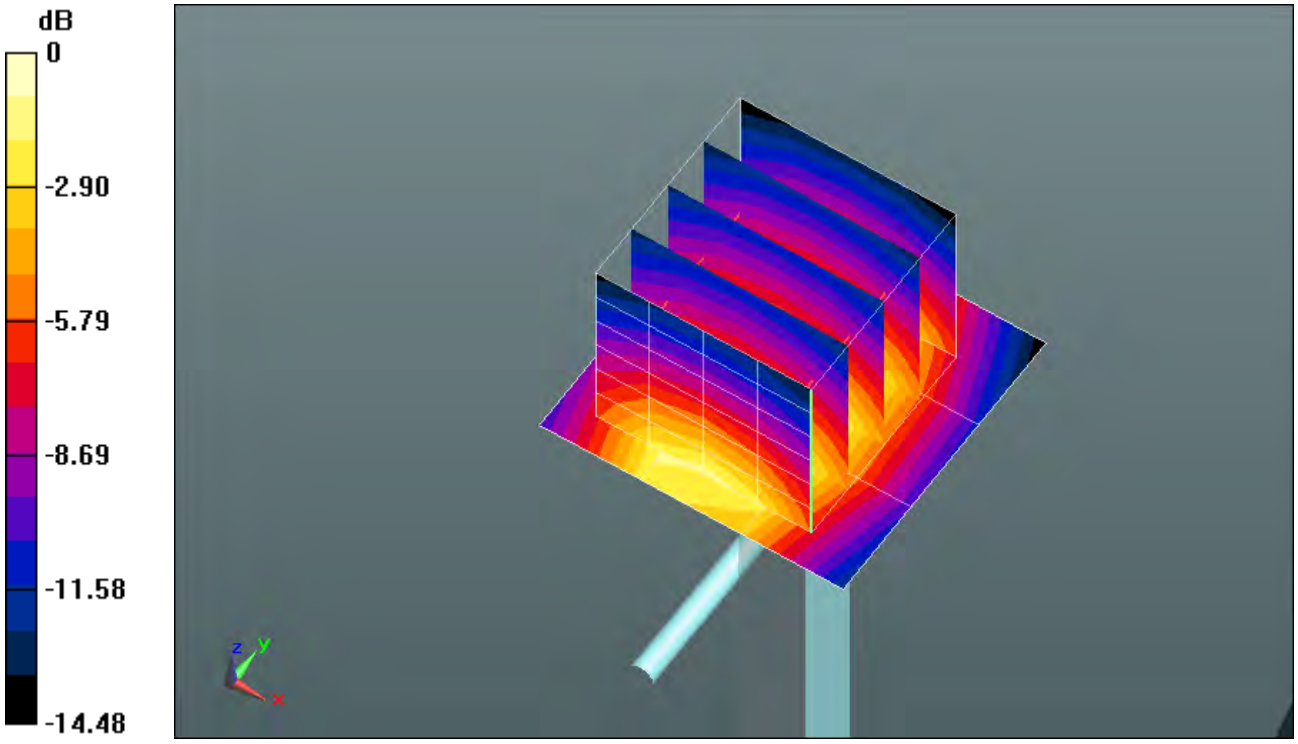
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Dipole 1900 MHz - D1900V2 - SN5d172_June 2013; Type: D1900V2; Serial: D1900V2 - SN:5d172

Communication System: CW; Frequency: 1900 MHz
Medium: HSL1900_Batch 110530-2
Medium parameters used: f = 1900 MHz; σ = 1.406 S/m; ε_r = 38.309; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 21.5C; Medium Temperature: 21C; Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.32, 5.32, 5.32); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- 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)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 35.4 W/kg

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 = 186.7 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 66.5 W/kg
SAR(1 g) = 36.4 W/kg; SAR(10 g) = 19 W/kg
Maximum value of SAR (measured) = 46.2 W/kg



0 dB = 35.4 W/kg = 15.50 dBW/kg

Plot 179

Date/Time: 1/9/2014 12:04:56 PM

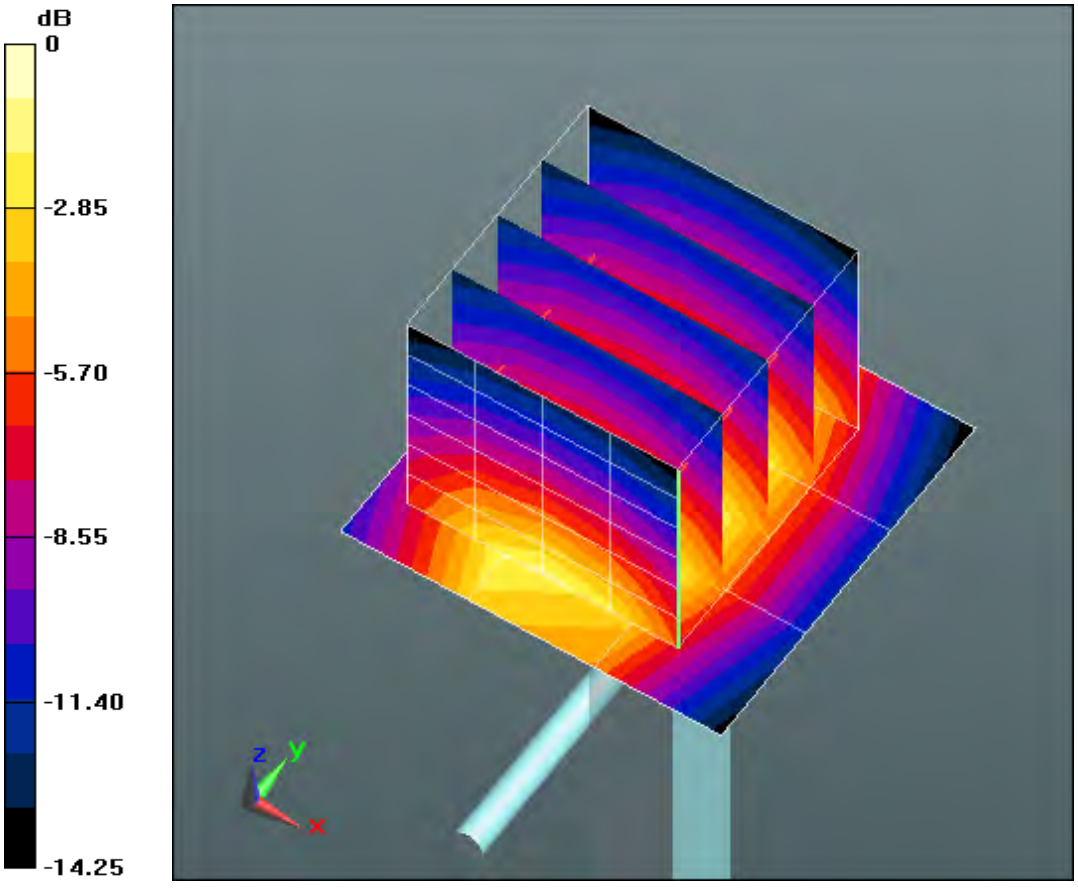
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Dipole 1900 MHz - D1900V2 - SN5d172_June 2013; Type: D1900V2; Serial: D1900V2 - SN:5d172

Communication System: CW; Frequency: 1900 MHz
Medium: HSL1900_Batch 110530-2
Medium parameters used: f = 1900 MHz; σ = 1.435 mho/m; ε_r = 38.405; 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: 21.7C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(5.04, 5.04, 5.04); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- 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)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 37.3 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 = 182.4 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 65.846 mW/g
SAR(1 g) = 36.7 mW/g; SAR(10 g) = 19.2 mW/g
Maximum value of SAR (measured) = 46.5 mW/g



0 dB = 37.3 mW/g = 31.43 dB mW/g

Plot 180

Date/Time: 1/20/2014 10:34:44 AM

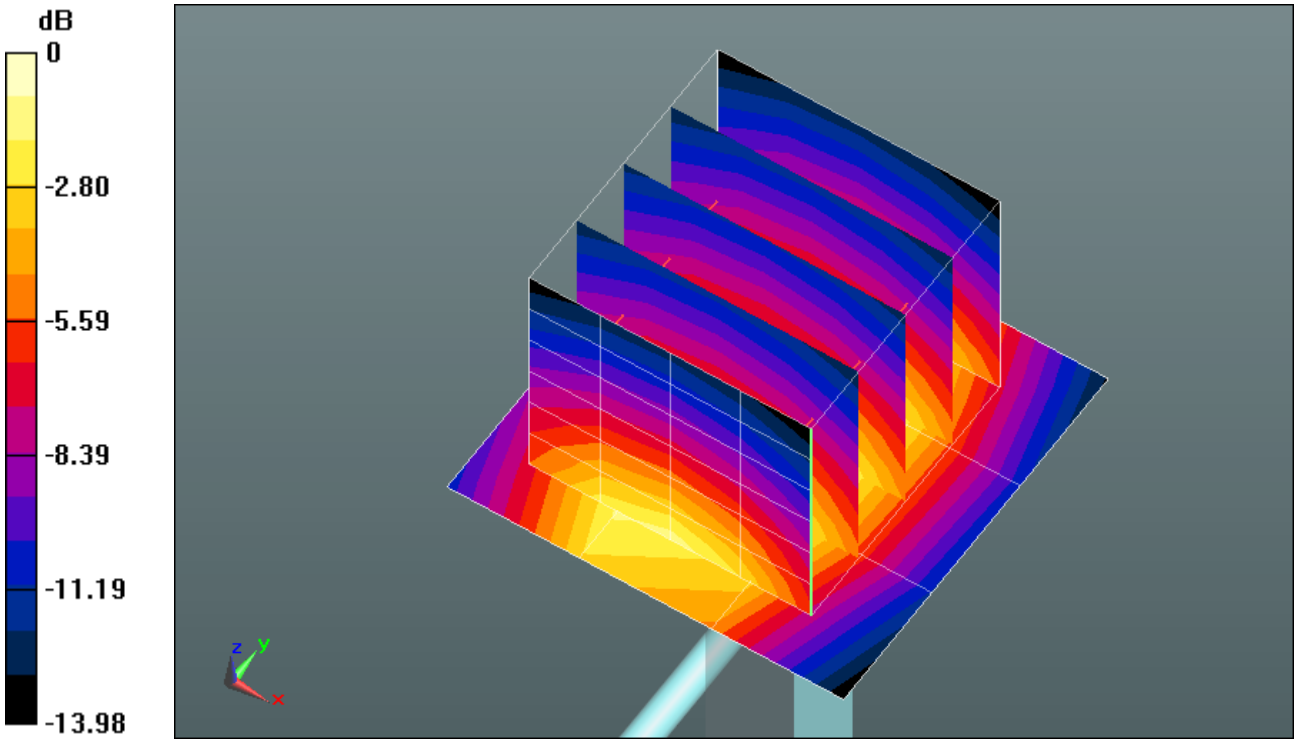
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Dipole 1900 MHz - D1900V2 - SN5d172_June 2013; Type: D1900V2; Serial: D1900V2 - SN:5d172

Communication System: CW; Frequency: 1900 MHz
Medium: HSL1900_Batch 110530-2
Medium parameters used: f = 1900 MHz; σ = 1.439 S/m; ε_r = 38.488; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Kathy; Air Temperature: 21.3C; Medium Temperature: 20.8C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(5.04, 5.04, 5.04); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- 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)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 35.5 W/kg

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 = 183.7 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 67.6 W/kg
SAR(1 g) = 36.8 W/kg; SAR(10 g) = 19 W/kg
Maximum value of SAR (measured) = 46.9 W/kg



0 dB = 35.5 W/kg = 15.51 dBW/kg

Plot 181

Date/Time: 1/3/2014 3:06:21 PM

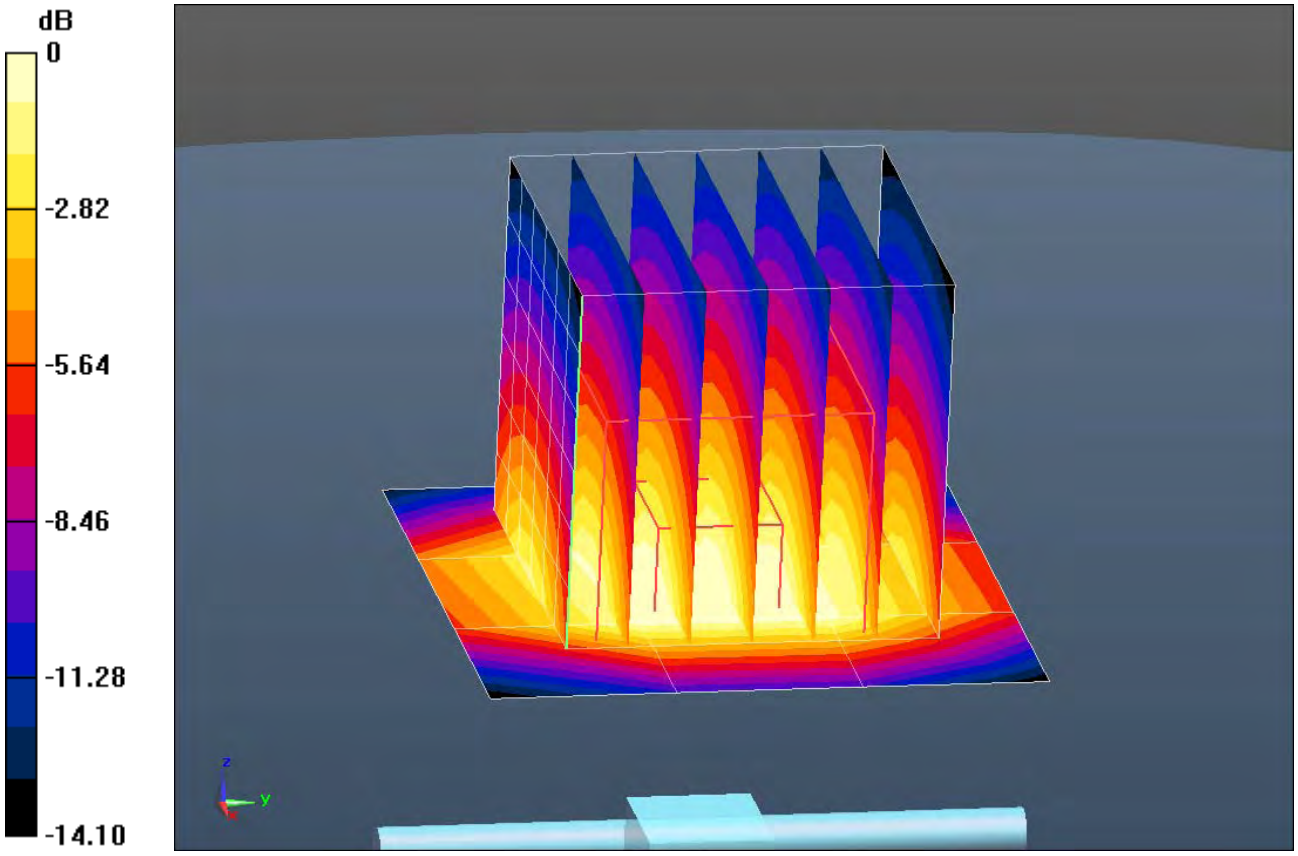
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Dipole 2450 MHz - D2450V2 - SN911_June 2013; Type: D2450V2; Serial: D2450V2 - SN:911

Communication System: CW; Frequency: 2450 MHz
Medium: HSL2450_Batch 110531-2
Medium parameters used: f = 2450 MHz; σ = 1.807 mho/m; ε_r = 38.484; 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: 24.6C; Medium Temperature: 24.8C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.5, 4.5, 4.5); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

System Performance Check at Frequencies above 1 GHz 2/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 38.9 mW/g

System Performance Check at Frequencies above 1 GHz 2/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 = 194.4 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 101.6 mW/g
SAR(1 g) = 48.9 mW/g; SAR(10 g) = 22.7 mW/g
Maximum value of SAR (measured) = 55.9 mW/g



0 dB = 38.9 mW/g = 31.79 dB mW/g

Plot 182

Date/Time: 1/8/2014 11:43:27 PM

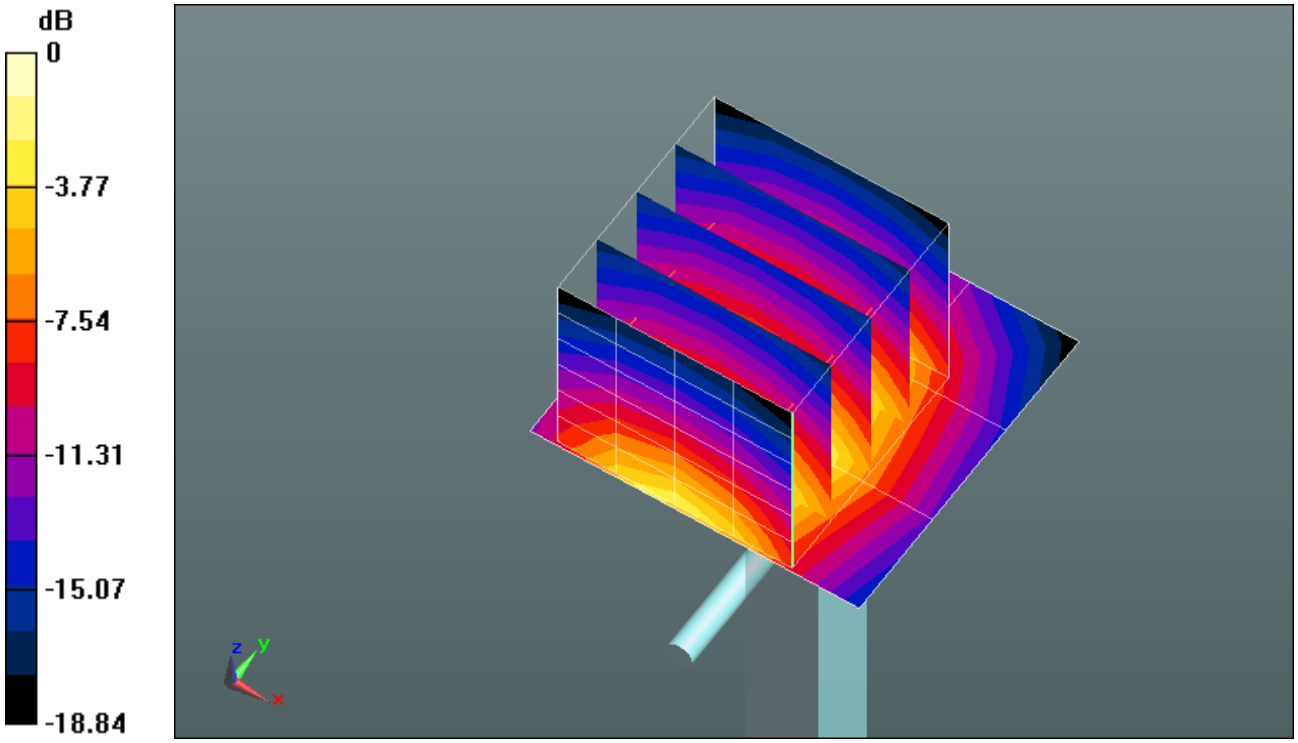
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Dipole 2450 MHz - D2450V2 - SN911_June 2013; Type: D2450V2; Serial: D2450V2 - SN:911

Communication System: CW; Frequency: 2450 MHz
Medium: HSL2450_Batch 100907-2
Medium parameters used: f = 2450 MHz; σ = 1.873 S/m; ε_r = 37.915; 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: 24.7C; Medium Temperature: 24.1C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.5, 4.5, 4.5); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- 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)/Area Scan (4x4x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 58.2 W/kg

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 = 182.6 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 106 W/kg
SAR(1 g) = 51.5 W/kg; SAR(10 g) = 23.9 W/kg
Maximum value of SAR (measured) = 67.9 W/kg



0 dB = 58.2 W/kg = 17.65 dBW/kg

Plot 183

Date/Time: 1/3/2014 9:49:18 AM

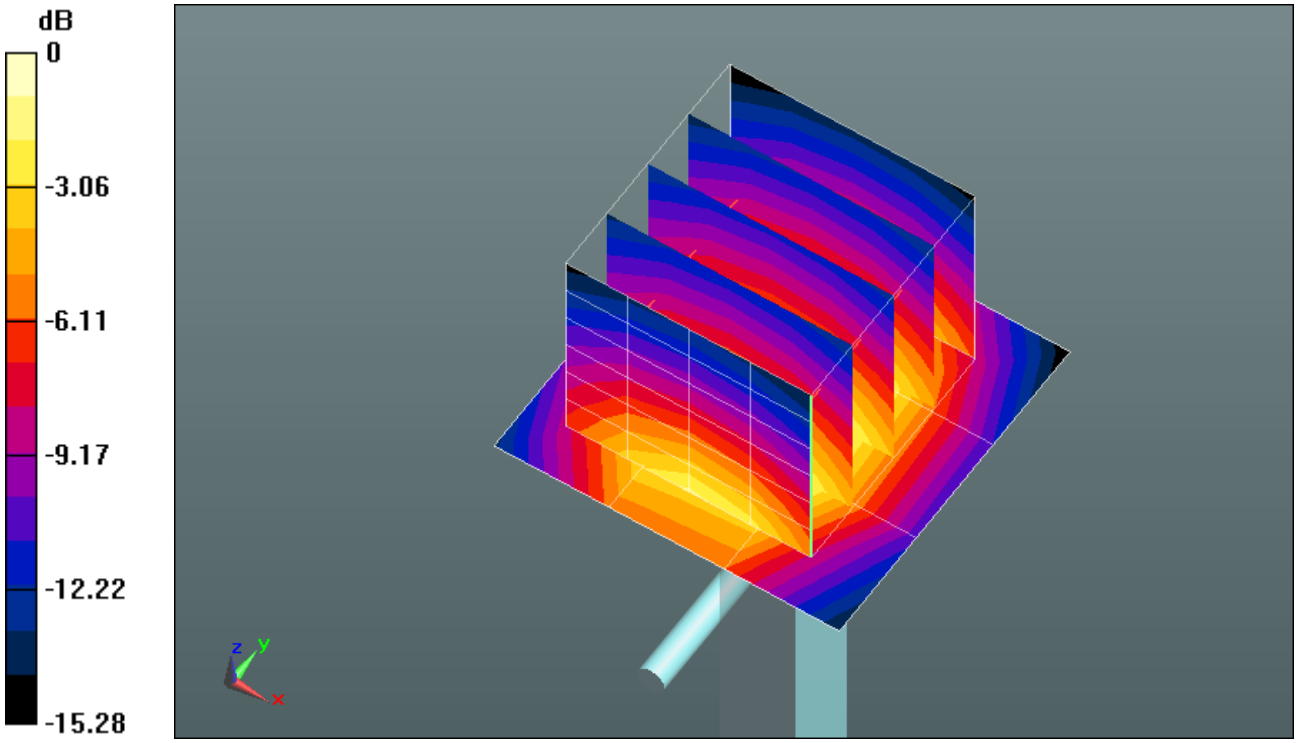
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Dipole 2550 MHz - D2550V2 - SN1009; Type: D2550V2; Serial: D2550V2 - SN:1009

Communication System: CW; Frequency: 2550 MHz
Medium: HBBL1900-3800_Batch 130605-1
Medium parameters used: f = 2550 MHz; σ = 1.967 S/m; ε_r = 38.009; 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: 21.5C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.48, 4.48, 4.48); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: SAM Rear; Type: QD000P40CC; Serial: TP: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) = 45.2 W/kg

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 = 198.6 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 117 W/kg
SAR(1 g) = 54.9 W/kg; SAR(10 g) = 24.8 W/kg
Maximum value of SAR (measured) = 71.8 W/kg



0 dB = 45.2 W/kg = 16.55 dBW/kg

Plot 184

Date/Time: 1/8/2014 10:32:13 PM

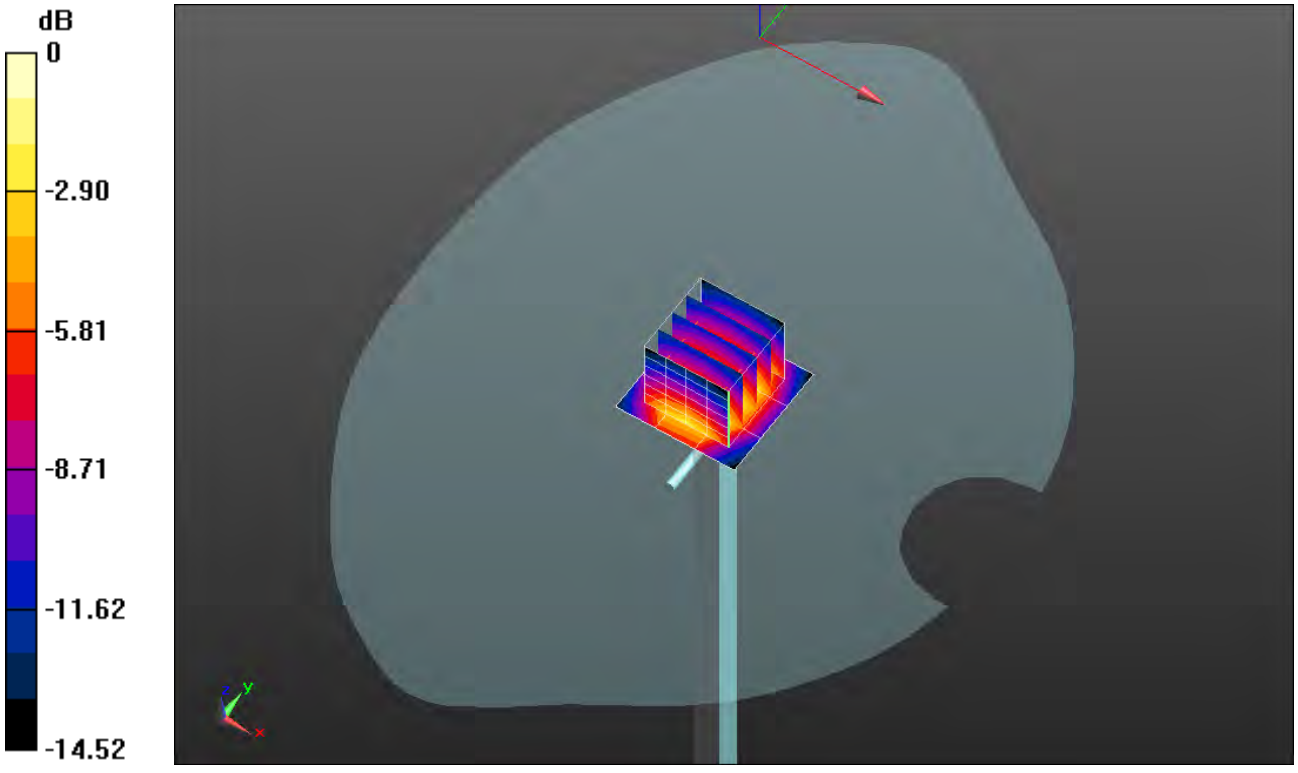
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Dipole 2550 MHz - D2550V2 - SN1009; Type: D2550V2; Serial: D2550V2 - SN:1009

Communication System: CW; Frequency: 2550 MHz
Medium: HBBL1900-3800_Batch 130605-1
Medium parameters used: f = 2550 MHz; σ = 1.967 mho/m; ε_r = 38.474; 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: 23C; Medium Temperature: 23.4C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.48, 4.48, 4.48); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: SAM Rear; Type: QD000P40CC; Serial: TP: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) = 44.6 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 = 201.7 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 119.4 mW/g
SAR(1 g) = 56.5 mW/g; SAR(10 g) = 25.7 mW/g
Maximum value of SAR (measured) = 74.9 mW/g



0 dB = 44.6 mW/g = 32.99 dB mW/g

Plot 185

Date/Time: 1/7/2014 7:02:34 PM

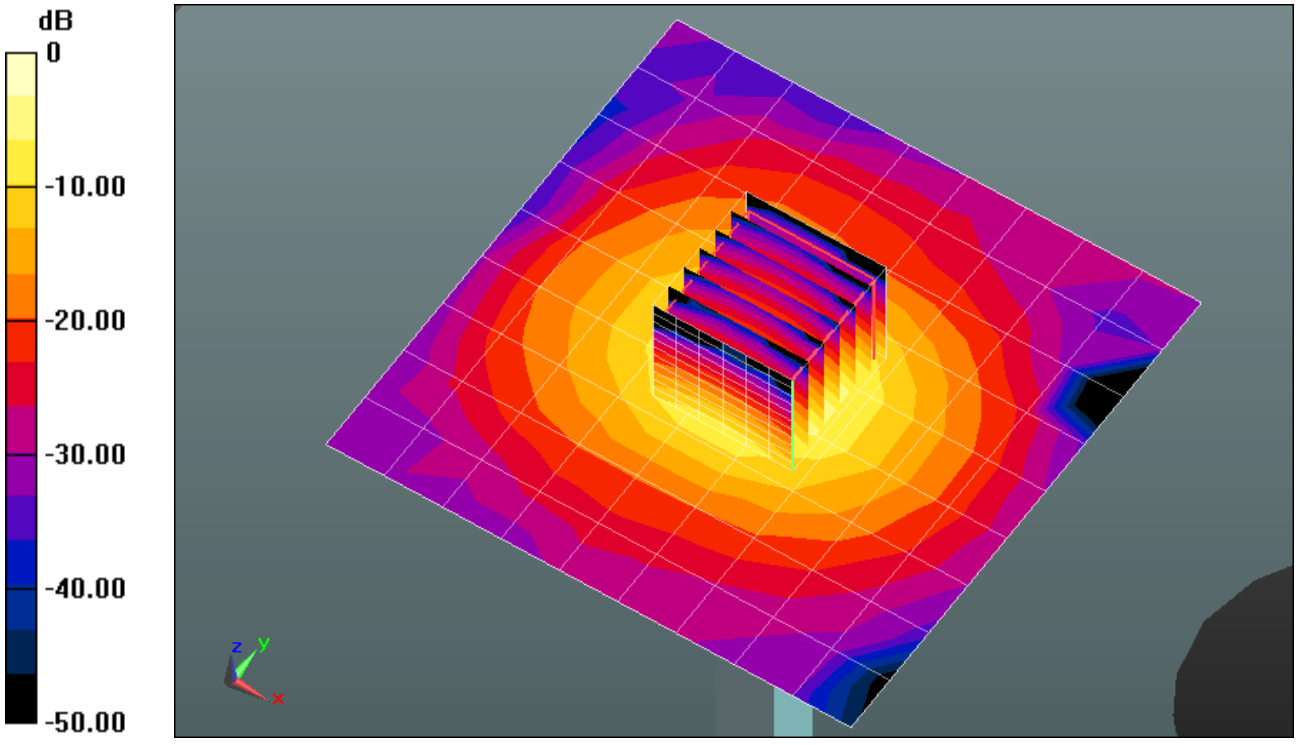
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Dipole 5000 MHz - D5GHzV2 - SN1154_June 2013; Type: D5GHzV2; Serial: D5GHzV2 - SN:1154

Communication System: CW-5GHz; Frequency: 5200 MHz
Medium: HSL 501_Batch 100901-1
Medium parameters used: f = 5200 MHz; σ = 4.472 S/m; ε_r = 37.482; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 24.3C; Medium Temperature: 22.5C;
Comments: ;
DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(5.22, 5.22, 5.22); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 22.0
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- 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) = 10.2 W/kg

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 = 67.068 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 32.5 W/kg
SAR(1 g) = 7.99 W/kg; SAR(10 g) = 2.31 W/kg
Maximum value of SAR (measured) = 16.3 W/kg



0 dB = 16.3 W/kg = 12.12 dBW/kg

Plot 186

Date/Time: 1/7/2014 1:21:37 PM

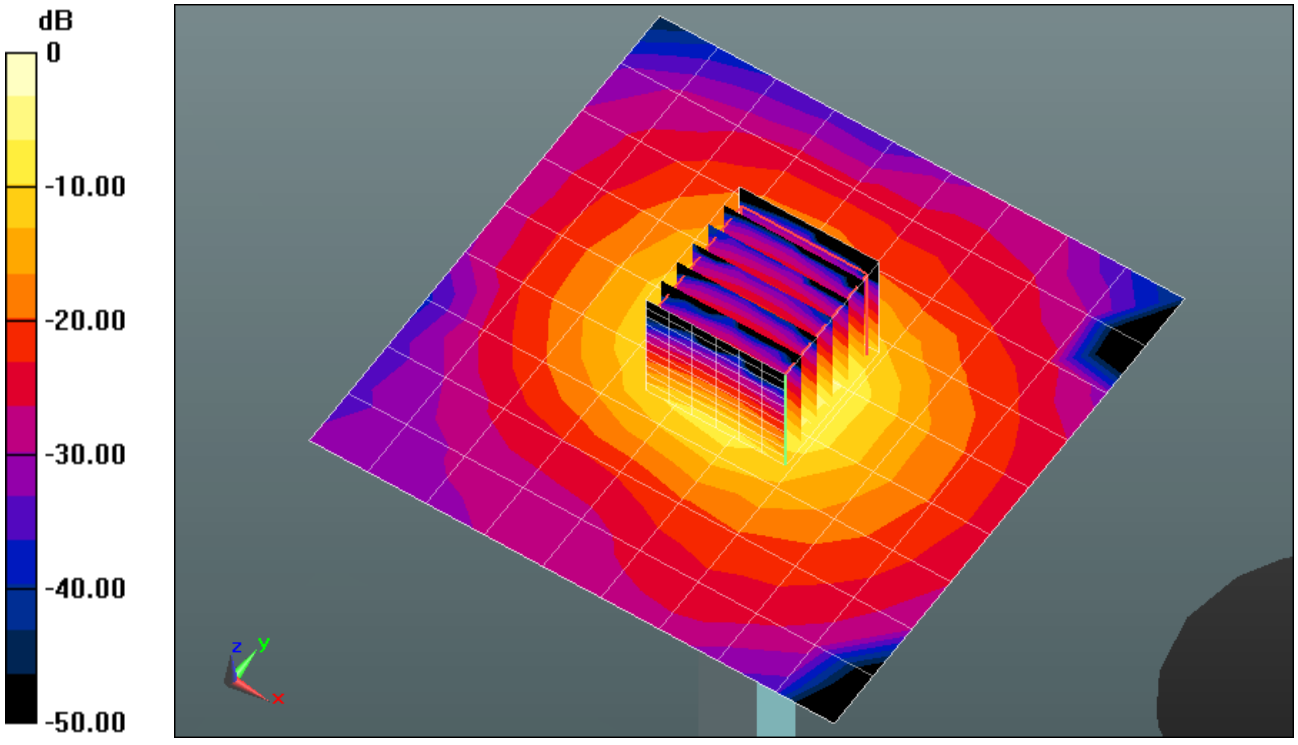
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Dipole 5000 MHz - D5GHzV2 - SN1154_June 2013; Type: D5GHzV2; Serial: D5GHzV2 - SN:1154

Communication System: CW; Frequency: 5500 MHz
Medium: HSL 501_Batch 100901-1
Medium parameters used: f = 5500 MHz; σ = 4.775 S/m; ε_r = 37.079; 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: 23.4C; Medium Temperature: 22.2C;
Comments: ;
DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.88, 4.88, 4.88); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 22.0
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5500 MHz 2/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 11.2 W/kg

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5500 MHz 2/Zoom Scan (4x4x2.5mm), dist=2mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 58.253 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 32.6 W/kg
SAR(1 g) = 7.39 W/kg; SAR(10 g) = 2.09 W/kg
Maximum value of SAR (measured) = 15.6 W/kg



0 dB = 15.6 W/kg = 11.93 dBW/kg

Plot 187

Date/Time: 1/7/2014 2:45:36 PM

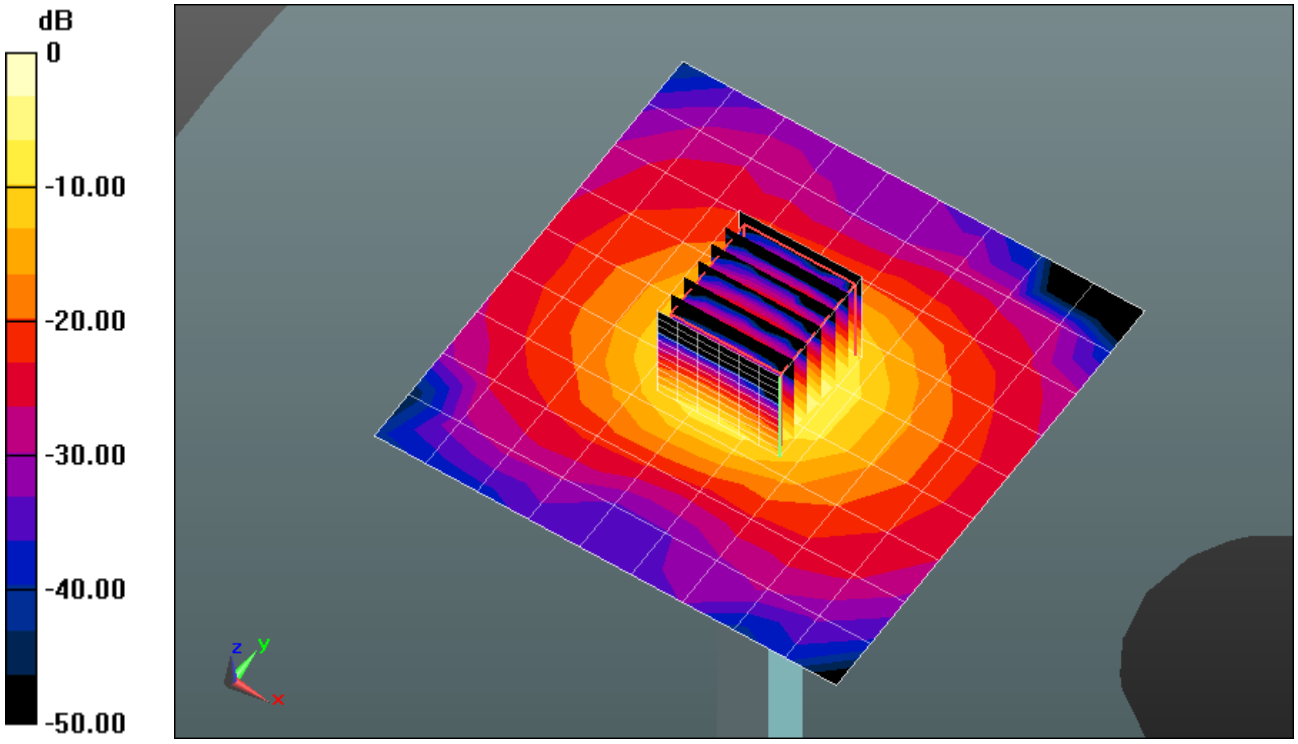
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Dipole 5000 MHz - D5GHzV2 - SN1154_June 2013; Type: D5GHzV2; Serial: D5GHzV2 - SN:1154

Communication System: CW-5GHz; Frequency: 5800 MHz
Medium: HSL 501_Batch 100901-1
Medium parameters used: f = 5800 MHz; σ = 5.076 S/m; ε_r = 36.662; 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(4.56, 4.56, 4.56); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 22.0
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- Phantom: SAM; Type: QD 000 P40 CC; Serial: 1592
- DASY52 52.8.1(838);

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5800 MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 8.63 W/kg

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 = 59.112 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 30.6 W/kg
SAR(1 g) = 6.93 W/kg; SAR(10 g) = 1.95 W/kg
Maximum value of SAR (measured) = 14.8 W/kg



0 dB = 14.8 W/kg = 11.70 dBW/kg

Plot 188

Date/Time: 1/9/2014 8:33:25 AM

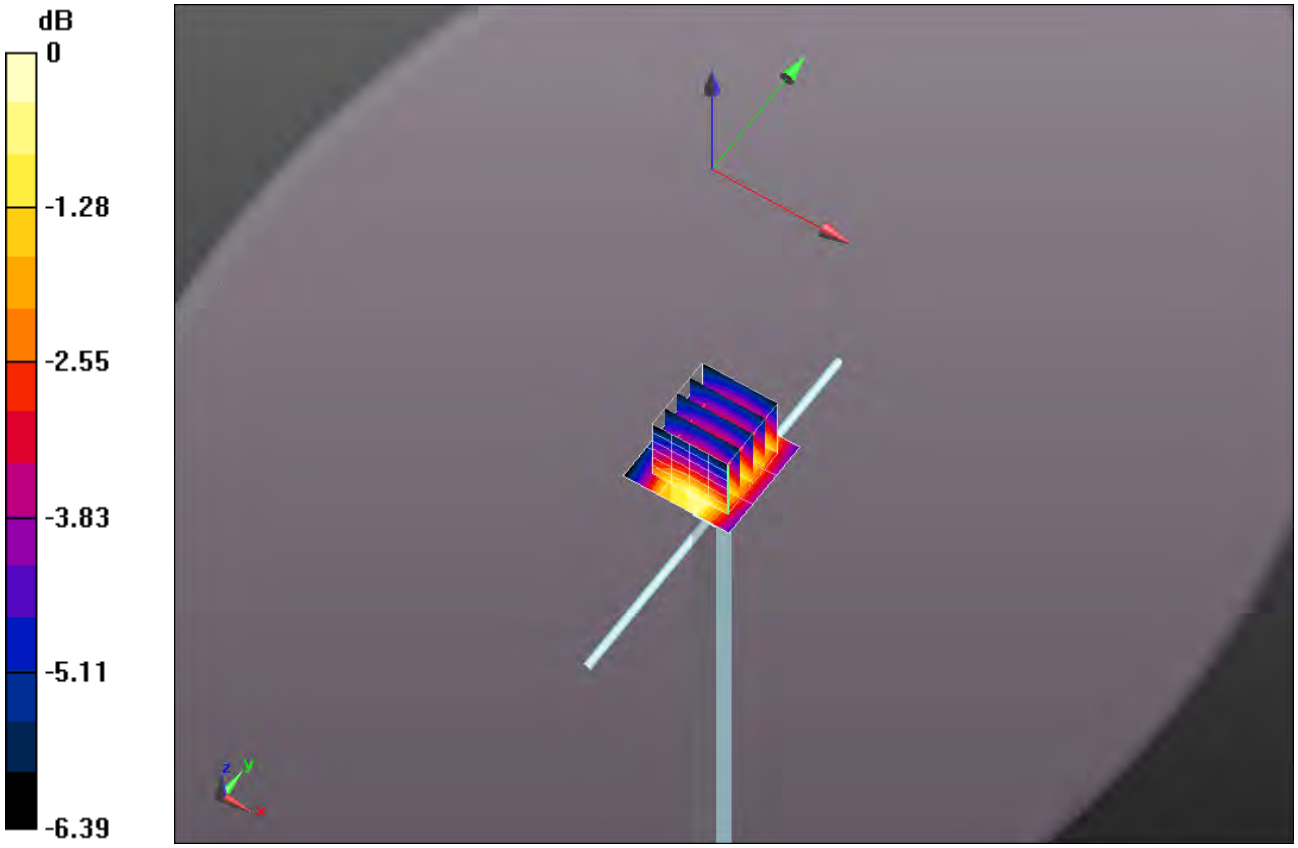
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Dipole 835 MHz - D835V2 - SN4d155_June 2013; Type: D835V2; Serial: D835V2 - SN:4d155

Communication System: CW; Frequency: 835 MHz
Medium: MSL900_Batch 100818-1
Medium parameters used: f = 835 MHz; σ = 1.01 mho/m; ε_r = 52.855; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 23.2C; Medium Temperature: 22.3C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(6.29, 6.29, 6.29); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- 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) = 10.4 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 = 109.7 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 14.138 mW/g
SAR(1 g) = 9.77 mW/g; SAR(10 g) = 6.45 mW/g
Maximum value of SAR (measured) = 11.4 mW/g



0 dB = 10.4 mW/g = 20.37 dB mW/g

Plot 189

Date/Time: 12/27/2013 8:36:15 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Dipole 900 MHz - D900V2 - SN1d152_June 2013; Type: D900V2; Serial: D900V2 - SN:1d152

Communication System: CW; Frequency: 900 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used (interpolated): f = 900 MHz; σ = 1.066 S/m; ε_r = 52.732; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 22.2C; Medium Temperature: 21.3C;
Comments: ;
DASY Configuration:

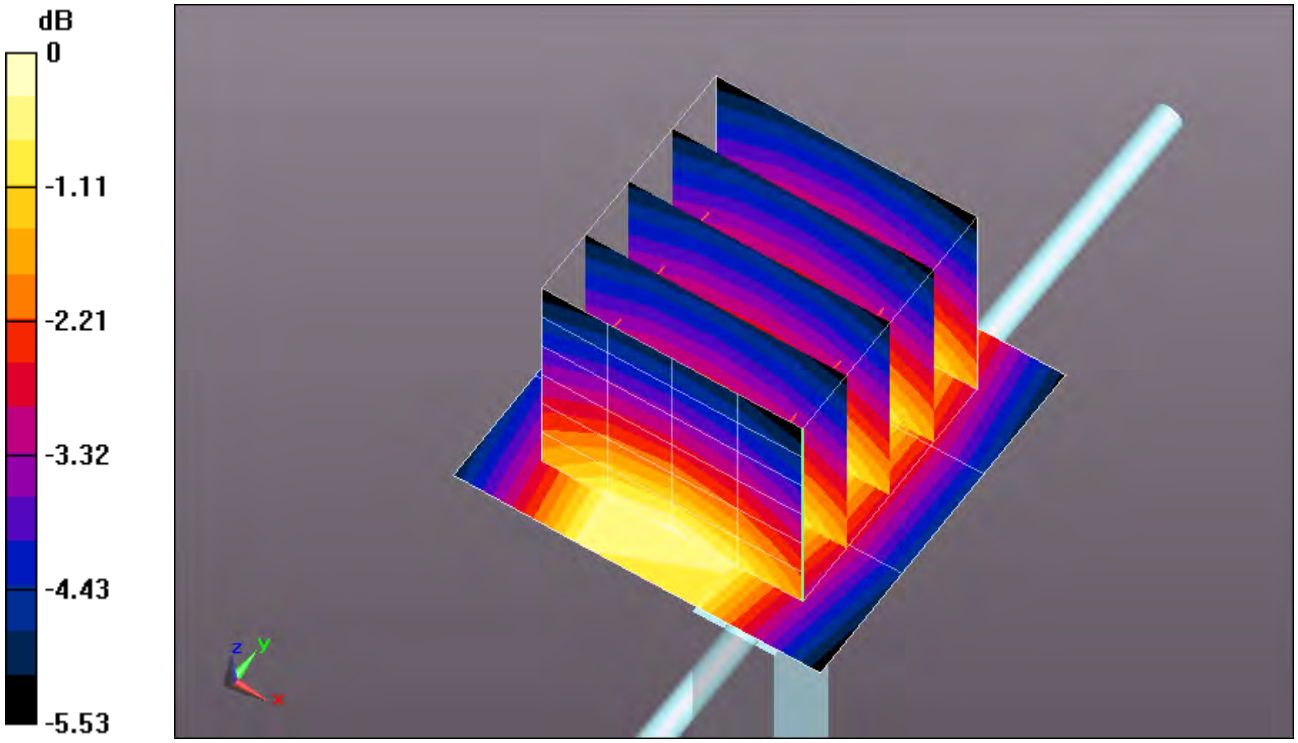
- Probe: ES3DV3 - SN3323; ConvF(6.3, 6.3, 6.3); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

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) = 9.65 W/kg

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 = 107.7 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 14.4 W/kg
SAR(1 g) = 9.83 W/kg; SAR(10 g) = 6.4 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 11.5 W/kg



0 dB = 9.65 W/kg = 9.85 dBW/kg

Plot 190

Date/Time: 12/29/2013 2:29:35 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Dipole 900 MHz - D900V2 - SN1d152_June 2013; Type: D900V2; Serial: D900V2 - SN:1d152

Communication System: CW; Frequency: 900 MHz
Medium: MSL900_Batch 110614-1
Medium parameters used (interpolated): f = 900 MHz; σ = 1.085 S/m; ε_r = 52.422; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 20.2C; Medium Temperature: 20C; Comments:
;
DASY Configuration:

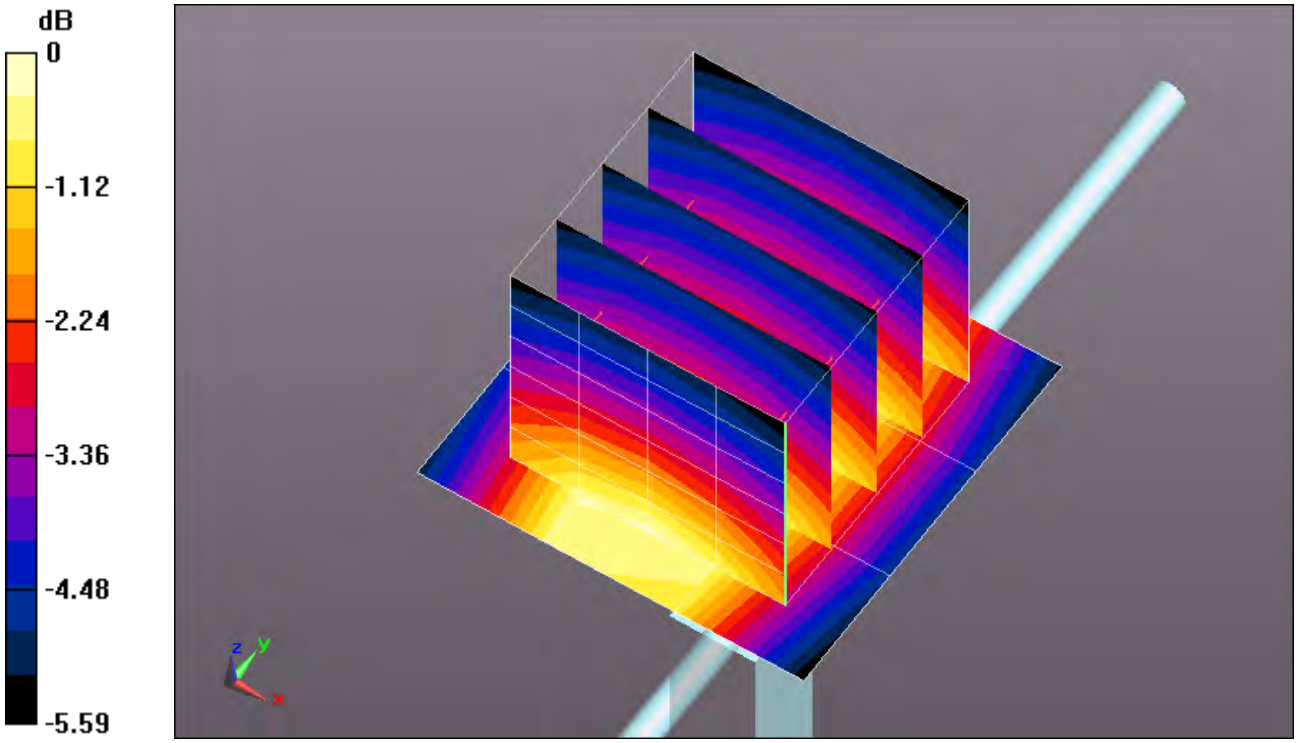
- Probe: ES3DV3 - SN3323; ConvF(6.3, 6.3, 6.3); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1124
- DASY52 52.8.1(838);

Configuration/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) = 10.3 W/kg

Configuration/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 = 107.4 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 14.7 W/kg
SAR(1 g) = 10 W/kg; SAR(10 g) = 6.51 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 11.7 W/kg



0 dB = 10.3 W/kg = 10.13 dBW/kg

Plot 191

Date/Time: 12/30/2013 12:18:13 AM

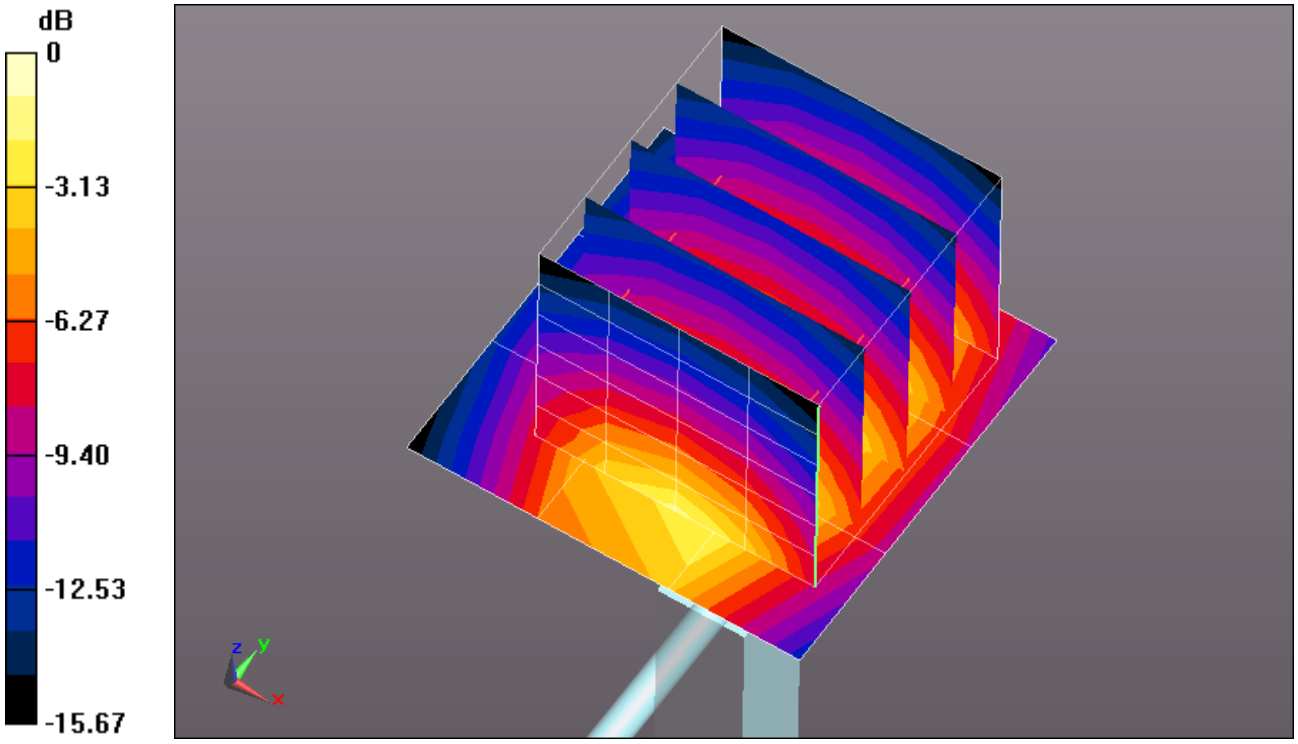
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Dipole 1750 MHz - D1750V2 - SN1094_June 2013; Type: D1750V2; Serial: D1750V2 - SN:1094

Communication System: CW; Frequency: 1750 MHz
Medium: MSL1750_Batch 100824-2
Medium parameters used: f = 1750 MHz; σ = 1.502 S/m; ε_r = 51.941; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 21.4C; Medium Temperature: 20.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.1, 5.1, 5.1); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- 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) = 35.6 W/kg

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 = 173.2 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 59.2 W/kg
SAR(1 g) = 34.4 W/kg; SAR(10 g) = 18.4 W/kg
Maximum value of SAR (measured) = 43.3 W/kg



0 dB = 35.6 W/kg = 15.52 dBW/kg

Plot 192

Date/Time: 12/31/2013 1:58:21 AM

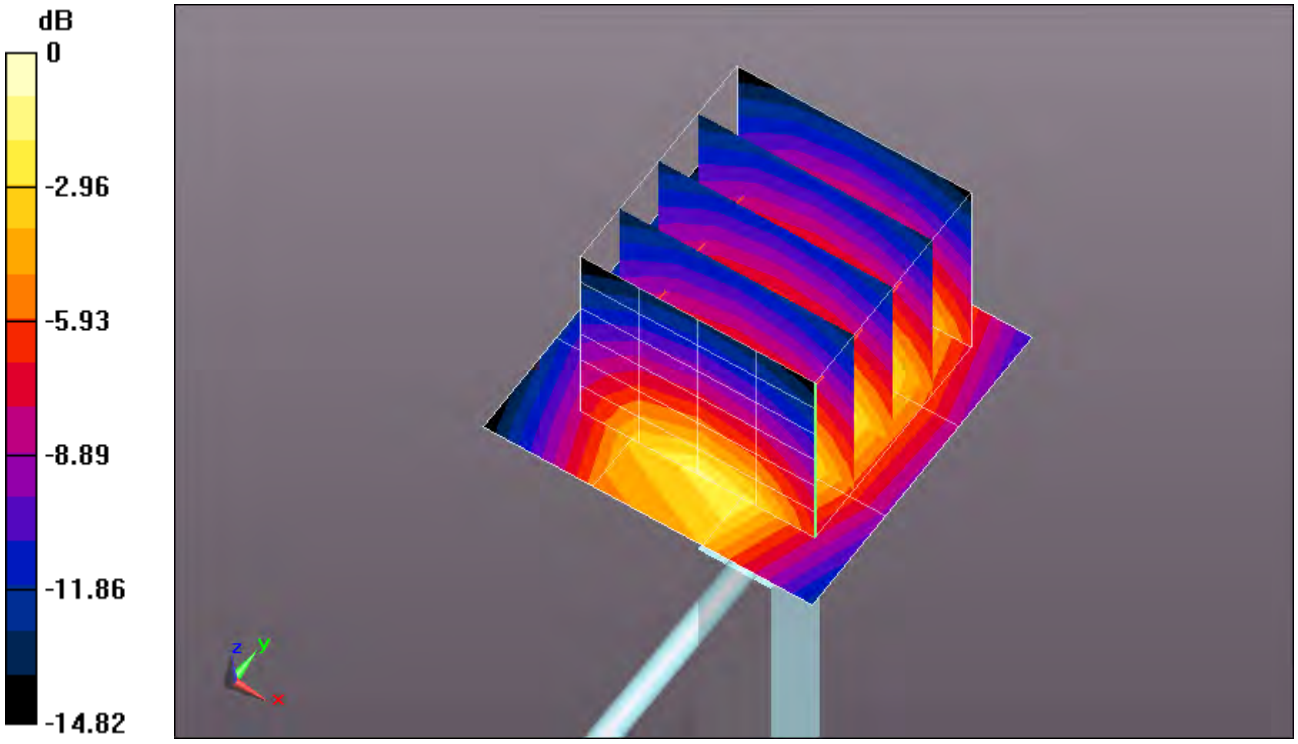
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Dipole 1750 MHz - D1750V2 - SN1094_June 2013; Type: D1750V2; Serial: D1750V2 - SN:1094

Communication System: CW; Frequency: 1750 MHz
Medium: MSL1750_Batch 100824-2
Medium parameters used: f = 1750 MHz; σ = 1.54 S/m; ε_r = 51.867; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 21C; Medium Temperature: 20.3C; Comments:
;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.1, 5.1, 5.1); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- 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) = 35.5 W/kg

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 = 175.0 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 61.1 W/kg
SAR(1 g) = 35.3 W/kg; SAR(10 g) = 18.8 W/kg
Maximum value of SAR (measured) = 44.3 W/kg



0 dB = 35.5 W/kg = 15.50 dBW/kg

Plot 193

Date/Time: 1/2/2014 11:44:15 AM

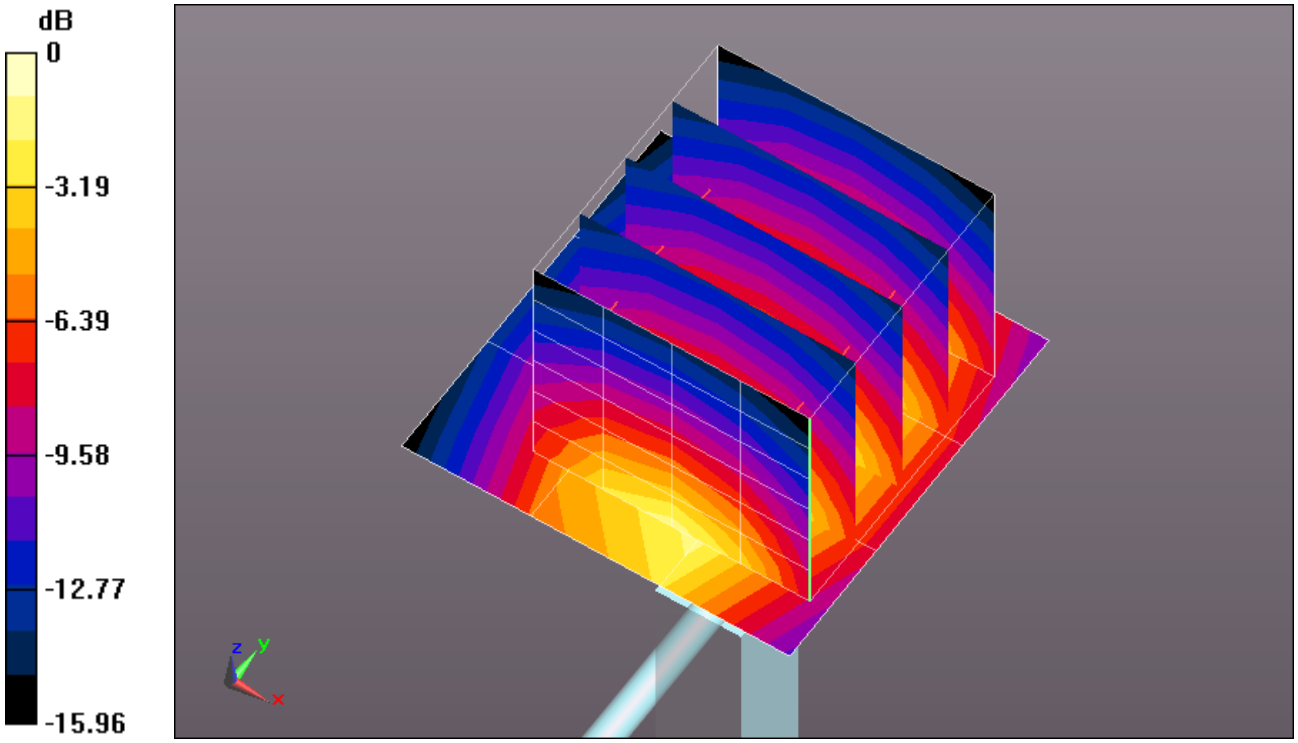
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Dipole 1750 MHz - D1750V2 - SN1094_June 2013; Type: D1750V2; Serial: D1750V2 - SN:1094

Communication System: CW; Frequency: 1750 MHz
Medium: MSL1750_Batch 100824-2
Medium parameters used: f = 1750 MHz; σ = 1.535 S/m; ε_r = 50.987; 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: 21.6C; Medium Temperature: 20.3C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(5.1, 5.1, 5.1); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- 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) = 37.6 W/kg

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 = 169.0 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 59.6 W/kg
SAR(1 g) = 34.5 W/kg; SAR(10 g) = 18.4 W/kg
Maximum value of SAR (measured) = 43.5 W/kg



0 dB = 37.6 W/kg = 15.75 dBW/kg

Plot 194

Date/Time: 12/29/2013 10:47:21 PM

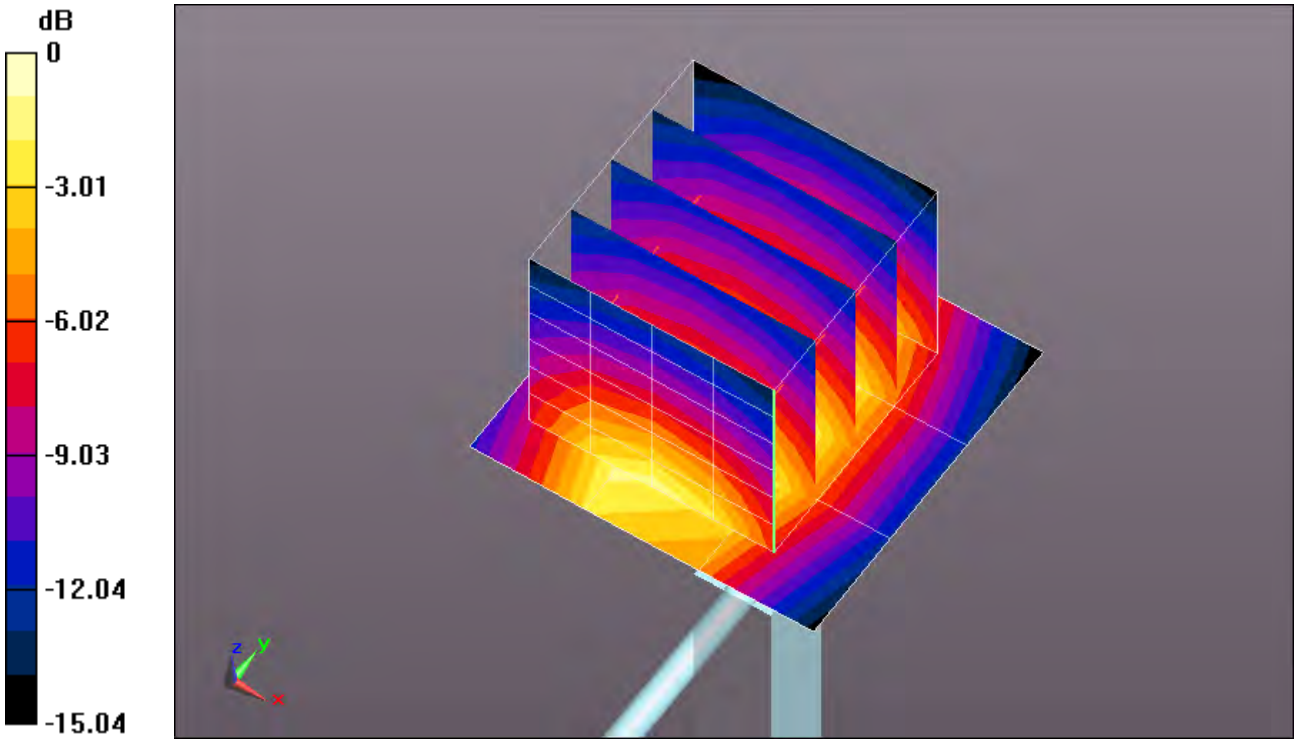
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Dipole 1900 MHz - D1900V2 - SN5d172_June 2013; Type: D1900V2; Serial: D1900V2 - SN:5d172

Communication System: CW; Frequency: 1900 MHz
Medium: MSL1900_Batch 110530-3
Medium parameters used: f = 1900 MHz; σ = 1.544 S/m; ε_r = 50.799; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 21.1C; Medium Temperature: 20C; Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- 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) = 37.2 W/kg

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 = 175.8 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 65.6 W/kg
SAR(1 g) = 37.2 W/kg; SAR(10 g) = 19.4 W/kg
Maximum value of SAR (measured) = 47.0 W/kg



0 dB = 37.2 W/kg = 15.71 dBW/kg

Plot 195

Date/Time: 1/2/2014 11:07:34 AM

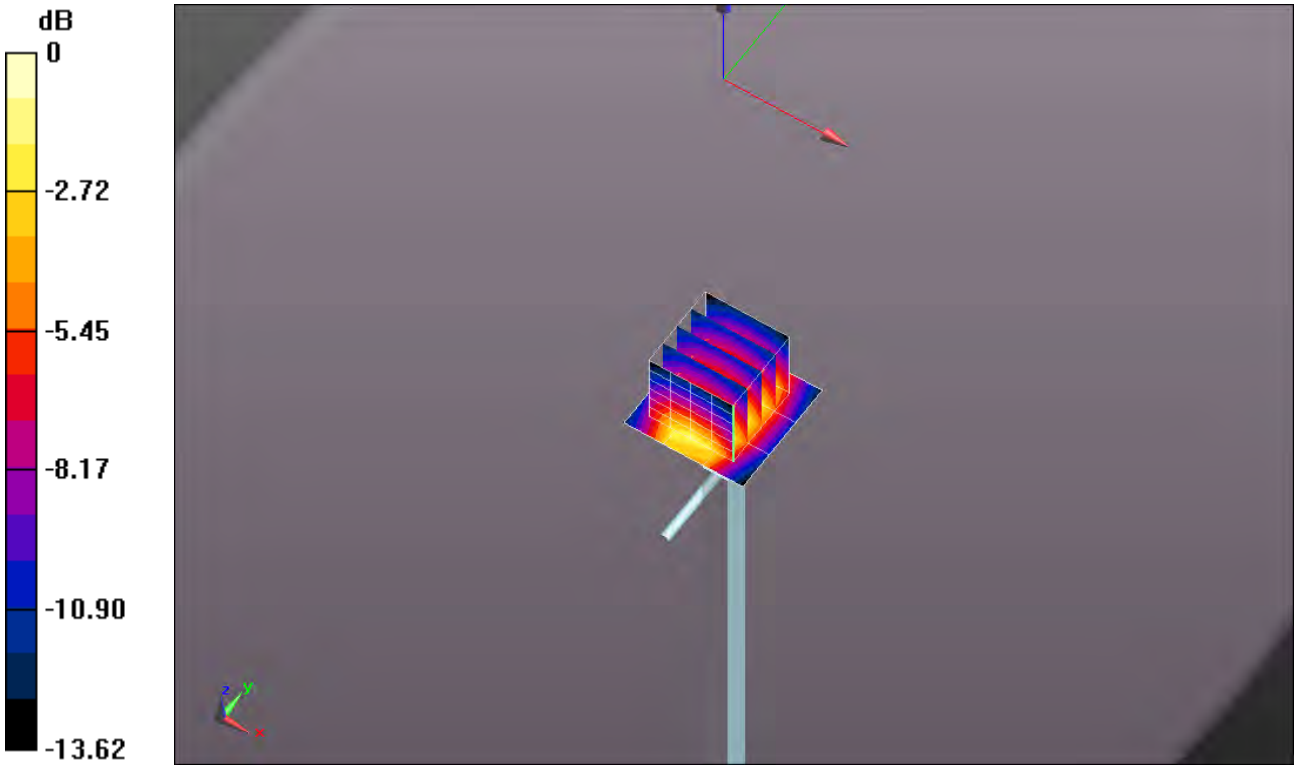
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Dipole 1900 MHz - D1900V2 - SN5d135_Nov 2012; Type: D1900V2; Serial: D1900V2 - SN:5d135

Communication System: CW; Frequency: 1900 MHz
Medium: MSL1900_Batch 110530-3
Medium parameters used: f = 1900 MHz; σ = 1.565 mho/m; ε_r = 51.138; 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: 20.6C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.77, 4.77, 4.77); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- 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) = 31.9 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 = 178.5 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 64.510 mW/g
SAR(1 g) = 37 mW/g; SAR(10 g) = 19.4 mW/g
Maximum value of SAR (measured) = 46.7 mW/g



0 dB = 31.9 mW/g = 30.09 dB mW/g

Plot 196

Date/Time: 1/3/2014 6:45:11 PM

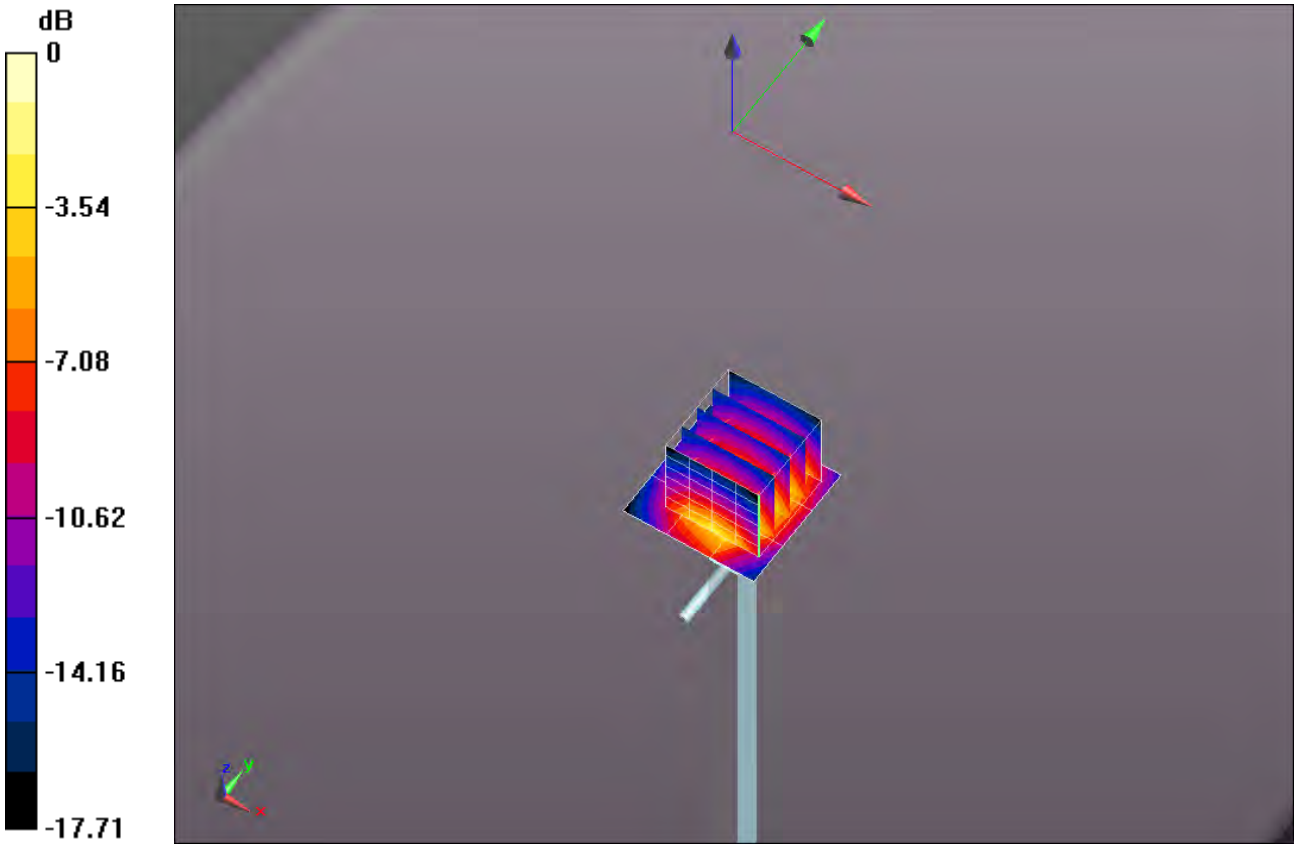
Test Laboratory: Cetecom Inc., SAR 4 Lab
DUT: Dipole 2450 MHz - D2450V2 - SN911_June 2013; Type: D2450V2; Serial: D2450V2 - SN:911

Communication System: CW; Frequency: 2450 MHz
Medium: MSL2450_Batch 110530-1
Medium parameters used: f = 2450 MHz; σ = 2.038 mho/m; ε_r = 51.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 22.2C; Medium Temperature: 20.5C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3260; ConvF(4.34, 4.34, 4.34); Calibrated: 6/19/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1266; Calibrated: 8/15/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1125
- 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) = 51.7 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 = 181.5 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 107.2 mW/g
SAR(1 g) = 50.8 mW/g; SAR(10 g) = 23.3 mW/g
Maximum value of SAR (measured) = 67.1 mW/g



0 dB = 51.7 mW/g = 34.28 dB mW/g

Plot 197

Date/Time: 1/6/2014 2:45:40 PM

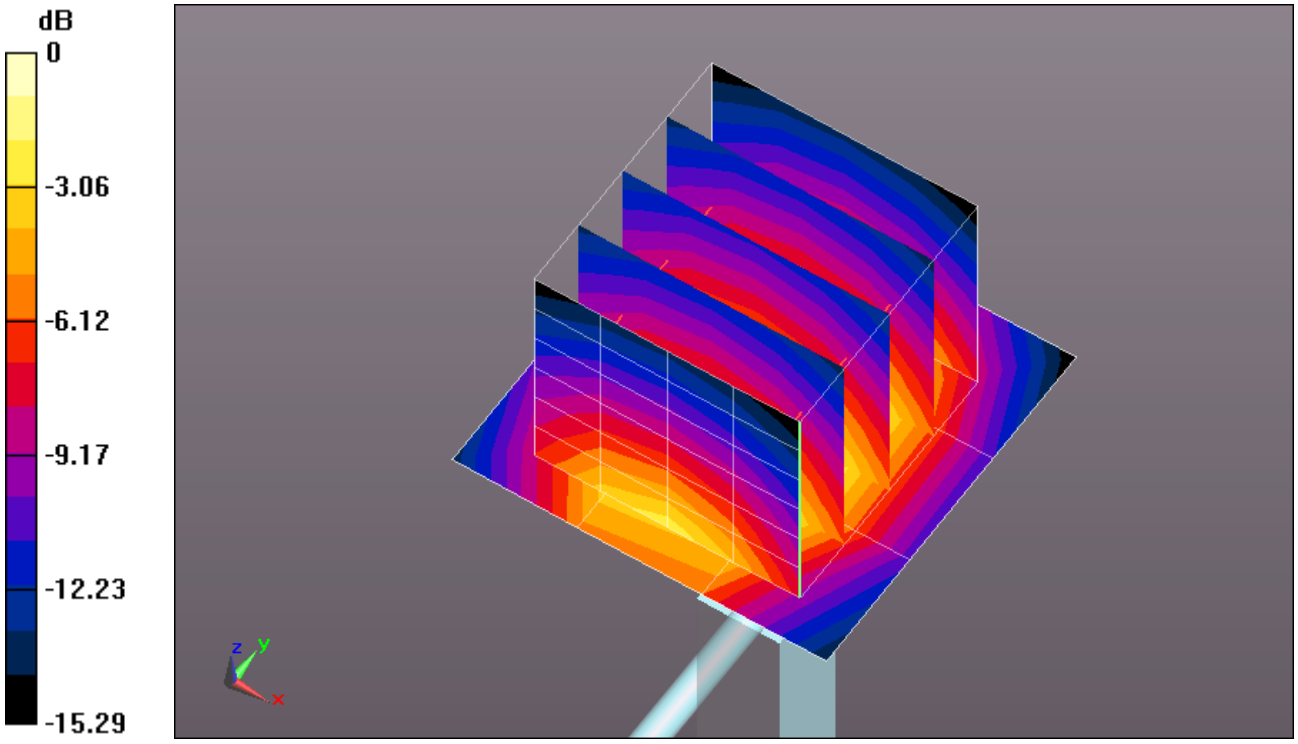
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Dipole 2550 MHz - D2550V2 - SN1009; Type: D2550V2; Serial: D2550V2 - SN:1009

Communication System: CW; Frequency: 2550 MHz
Medium: MBBL1900-3800_Batch 130619-1
Medium parameters used: f = 2550 MHz; σ = 2.123 S/m; ε_r = 51.782; 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: 22.4C;
Comments: ;
DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.31, 4.31, 4.31); Calibrated: 6/12/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1265; Calibrated: 6/11/2013
- 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) = 38.9 W/kg

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 = 181.9 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 110 W/kg
SAR(1 g) = 51 W/kg; SAR(10 g) = 22.9 W/kg
Maximum value of SAR (measured) = 68.3 W/kg



0 dB = 38.9 W/kg = 15.90 dBW/kg

Plot 198

Date/Time: 1/4/2014 10:12:47 AM

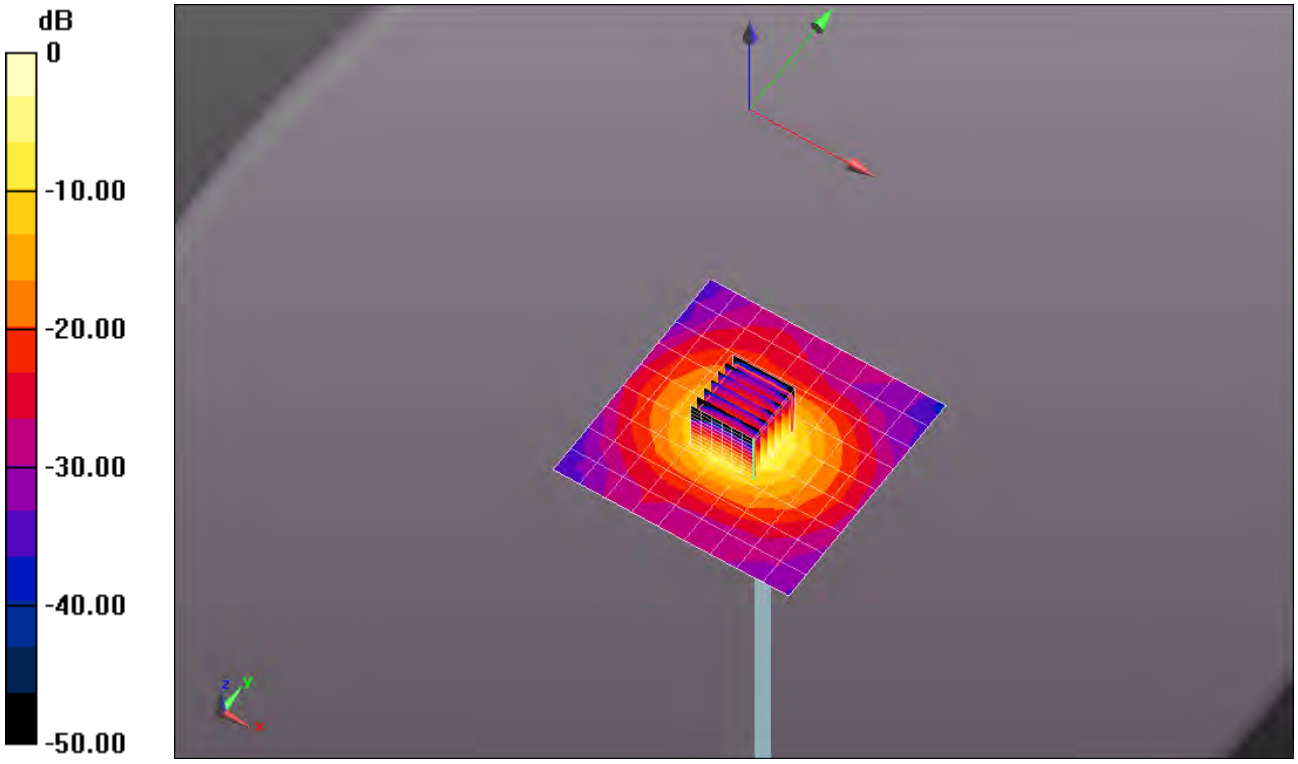
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Dipole 5000 MHz - D5GHzV2 - SN1154_June 2013; Type: D5GHzV2; Serial: D5GHzV2 - SN:1154

Communication System: CW-5GHz; Frequency: 5200 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5200 MHz; σ = 5.219 mho/m; ε_r = 49.202; 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: 22.6C; Medium Temperature: 22.7C;
Comments: ;
DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.59, 4.59, 4.59); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 22.0
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- 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) = 9.59 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 = 55.950 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 28.374 mW/g
SAR(1 g) = 7.13 mW/g; SAR(10 g) = 2.02 mW/g
Maximum value of SAR (measured) = 14.6 mW/g



0 dB = 14.6 mW/g = 23.29 dB mW/g

Plot 199

Date/Time: 1/5/2014 7:04:18 PM

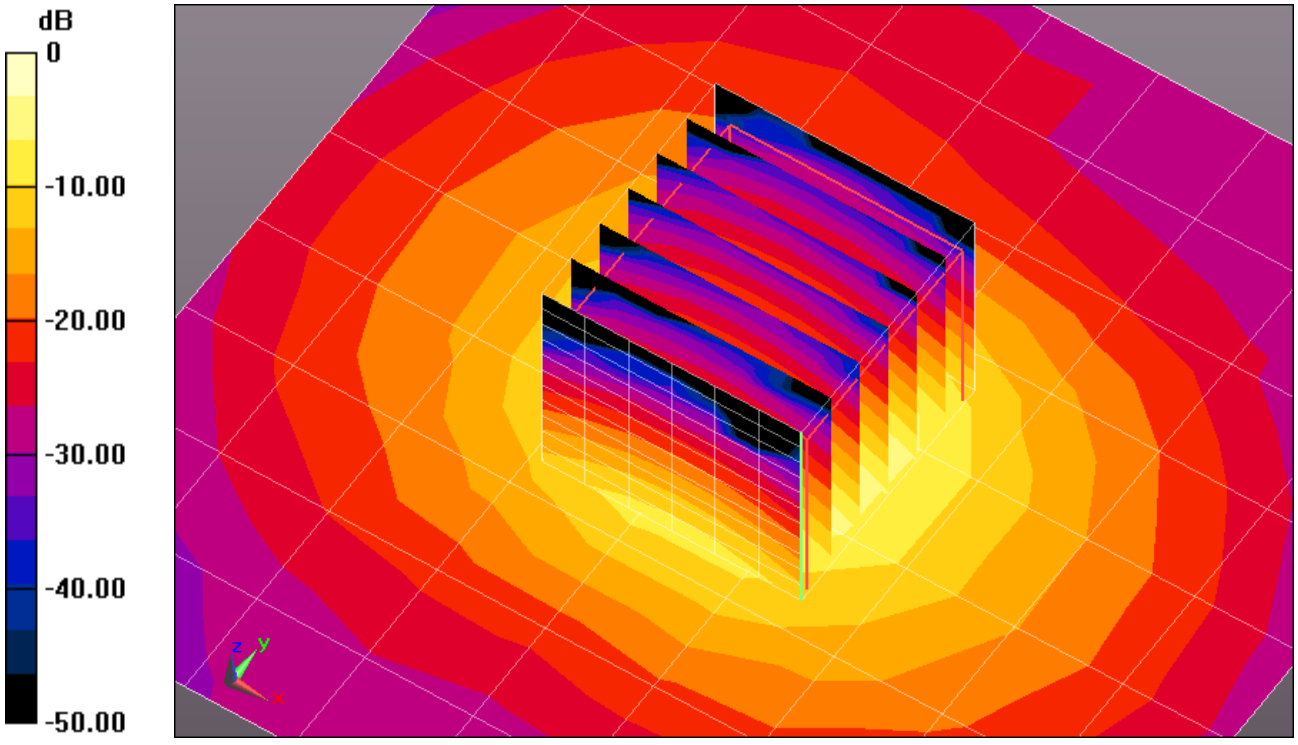
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Dipole 5000 MHz - D5GHzV2 - SN1154_June 2013; Type: D5GHzV2; Serial: D5GHzV2 - SN:1154

Communication System: CW-5GHz; Frequency: 5200 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5200 MHz; σ = 5.272 S/m; ε_r = 48.576; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 23.8C; Medium Temperature: 21.9C;
Comments: ;
DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.59, 4.59, 4.59); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 22.0
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- 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) = 9.27 W/kg

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 = 55.407 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 28.3 W/kg
SAR(1 g) = 7.05 W/kg; SAR(10 g) = 2 W/kg
Maximum value of SAR (measured) = 14.6 W/kg



0 dB = 14.6 W/kg = 11.64 dBW/kg

Plot 200

Date/Time: 1/6/2014 1:53:50 PM

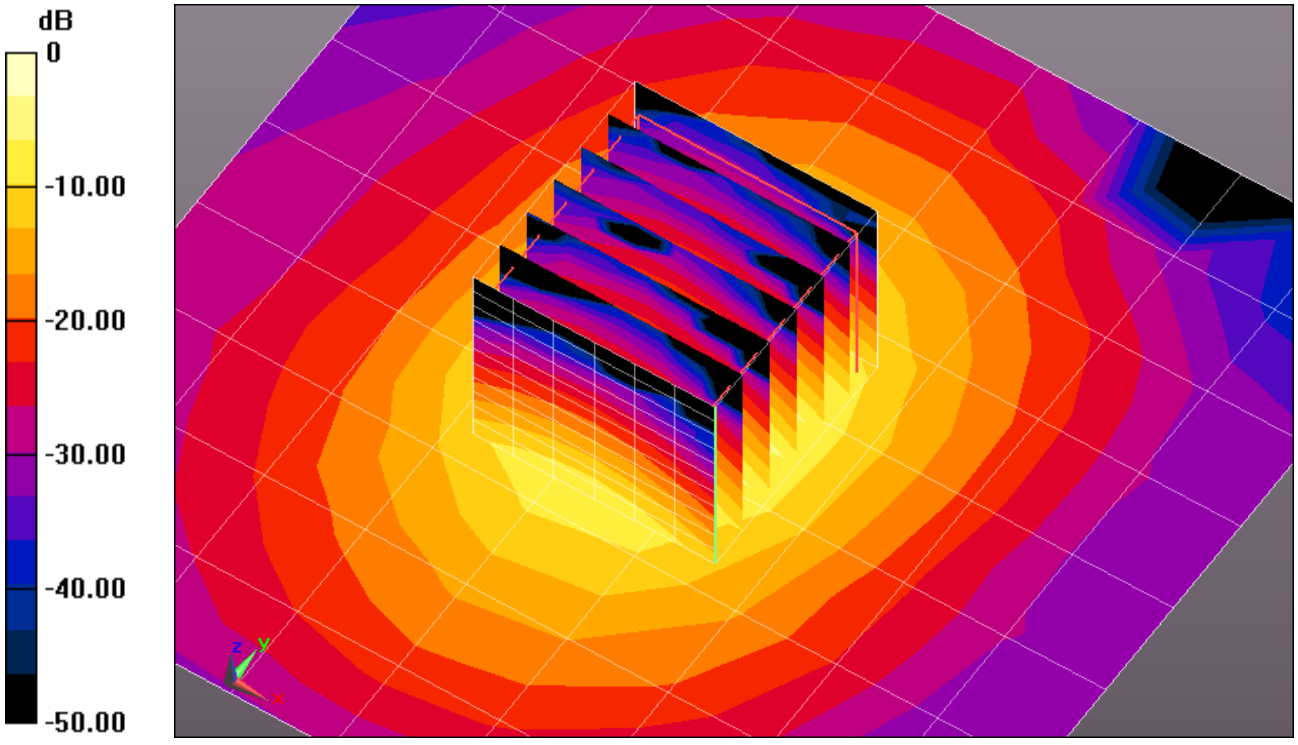
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Dipole 5000 MHz - D5GHzV2 - SN1154_June 2013; Type: D5GHzV2; Serial: D5GHzV2 - SN:1154

Communication System: CW; Frequency: 5500 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5500 MHz; σ = 5.614 S/m; ε_r = 49.373; 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: 23.8C; Medium Temperature: 22.4C;
Comments: ;
DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.06, 4.06, 4.06); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 22.0
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- 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=5500 MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 9.88 W/kg

System Performance Check with D5GHzV2 Dipole (uniform grid)/d=10mm, Pin=100mW, f=5500 MHz/Zoom Scan (4x4x2.5mm), dist=2mm (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 56.665 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 32.0 W/kg
SAR(1 g) = 7.6 W/kg; SAR(10 g) = 2.13 W/kg
Maximum value of SAR (measured) = 16.2 W/kg



0 dB = 16.2 W/kg = 12.10 dBW/kg

Plot 201

Date/Time: 1/5/2014 6:22:01 PM

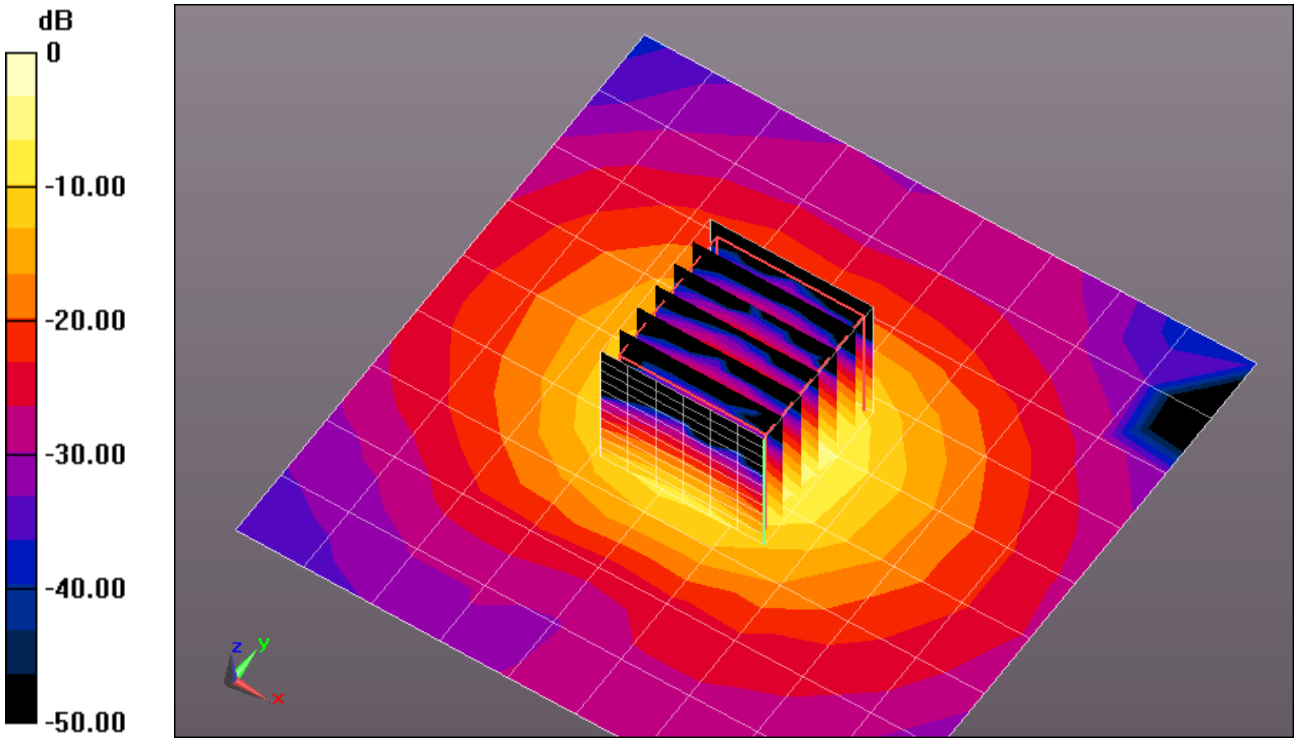
Test Laboratory: Cetecom Inc. SAR 1 Lab
DUT: Dipole 5000 MHz - D5GHzV2 - SN1154_June 2013; Type: D5GHzV2; Serial: D5GHzV2 - SN:1154

Communication System: CW-5GHz; Frequency: 5800 MHz
Medium: MSL 501_Batch 100823-1
Medium parameters used: f = 5800 MHz; σ = 6.132 S/m; ε_r = 47.788; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
Procedure Notes: Test Technician: Mike; Air Temperature: 23.2C; Medium Temperature: 22.8C;
Comments: ;
DASY Configuration:

- Probe: EX3DV4 - SN3771; ConvF(4.27, 4.27, 4.27); Calibrated: 6/14/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 22.0
- Electronics: DAE4 Sn1375; Calibrated: 6/10/2013
- 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 (10x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 11.1 W/kg

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 = 50.622 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 30.5 W/kg
SAR(1 g) = 7.02 W/kg; SAR(10 g) = 1.95 W/kg
Maximum value of SAR (measured) = 15.1 W/kg



0 dB = 15.1 W/kg = 11.79 dBW/kg