

Test Laboratory: Sony Ericsson Mobile Communications AB

File Name: [SystemPerformanceCheck-D1900.da4](#)

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d002

Program Name: System Performance Check at 1900 MHz

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1569; ConvF(5.33, 5.33, 5.33); Calibrated: 2007-01-16

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn433; Calibrated: 2007-01-18

- Phantom: SAM 2; Type: SAM QD 000 P40 CB; Serial: TP-1396

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

d=10mm, Pin=100mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 4.50 mW/g

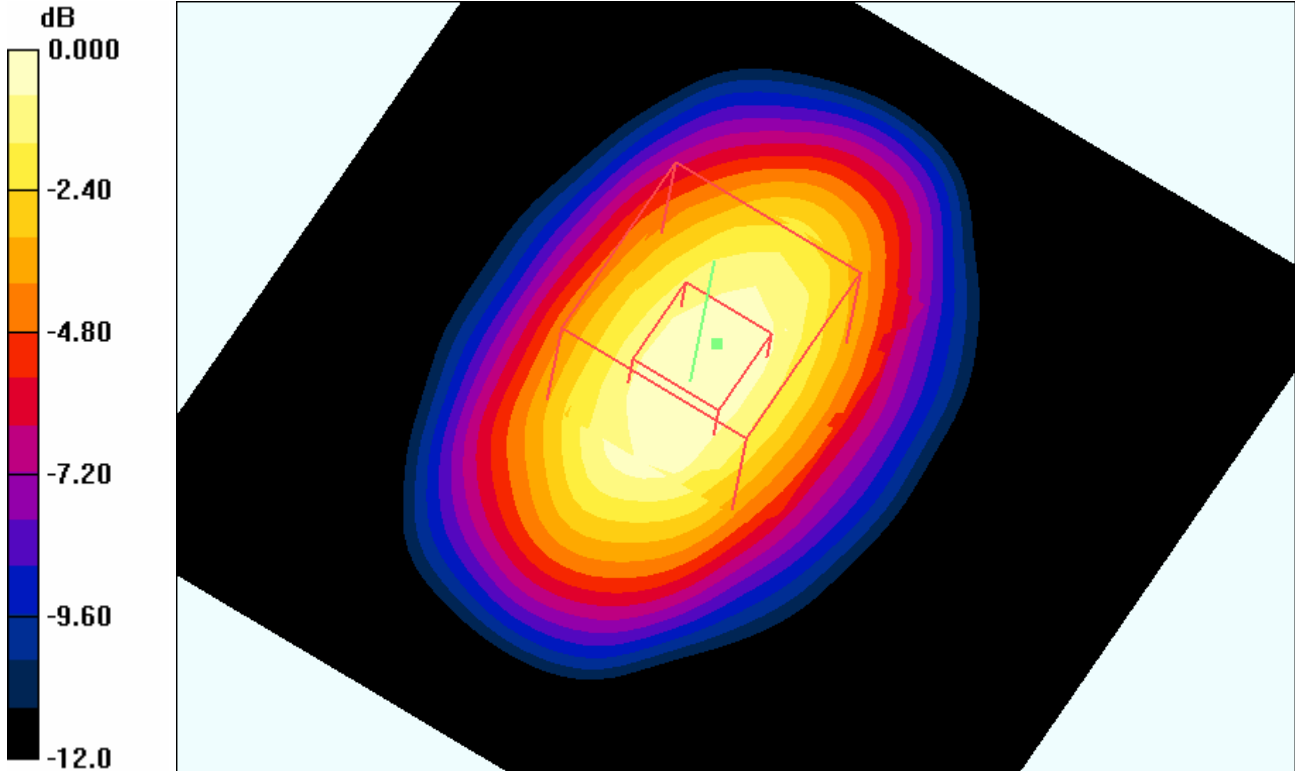
d=10mm, Pin=100mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 56.0 V/m; Power Drift = -0.039 dB

Peak SAR (extrapolated) = 6.44 W/kg

SAR(1 g) = 3.64 mW/g; SAR(10 g) = 1.9 mW/g

Maximum value of SAR (measured) = 4.11 mW/g



0 dB = 4.11mW/g

Test Laboratory: Sony Ericsson Mobile Communications AB

File Name: [SystemPerformanceCheck-D1900_2.da4](#)

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d002

Program Name: System Performance Check at 1900 MHz

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1569; ConvF(5.33, 5.33, 5.33); Calibrated: 2007-01-16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2007-01-18
- Phantom: SAM 2; Type: SAM QD 000 P40 CB; Serial: TP-1396
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

d=10mm, Pin=100mW/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 4.32 mW/g

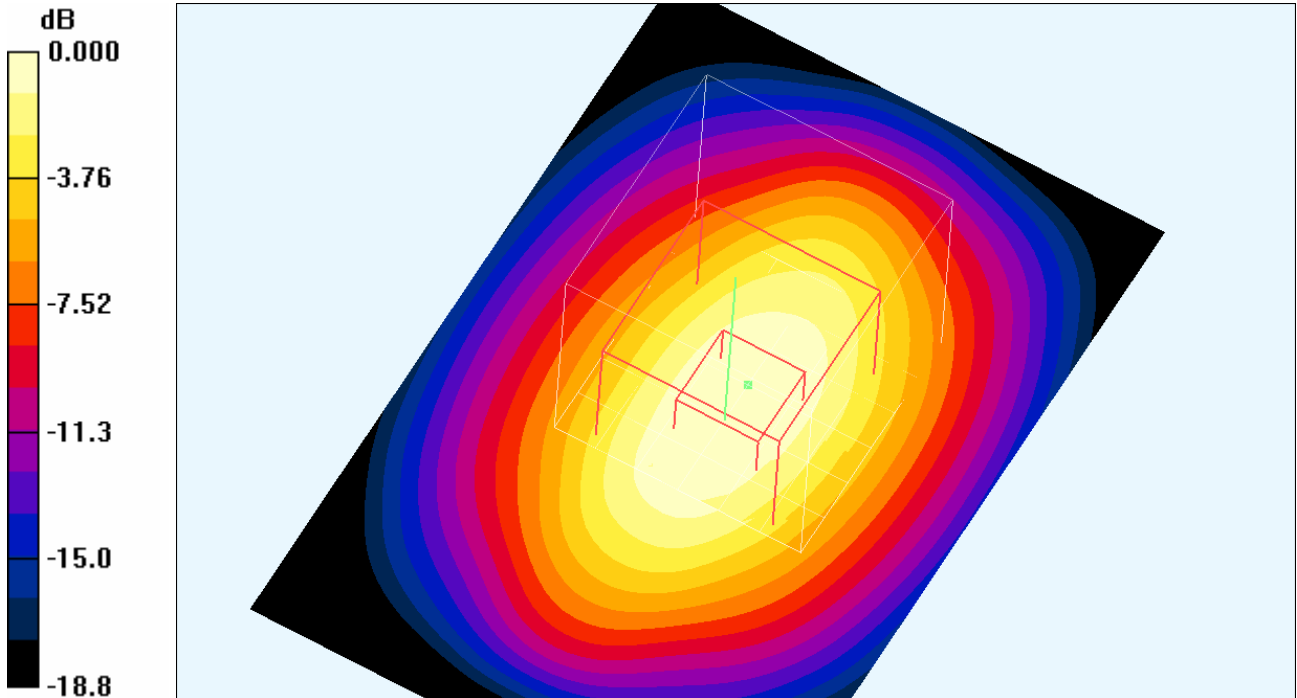
d=10mm, Pin=100mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 55.9 V/m; Power Drift = -0.080 dB

Peak SAR (extrapolated) = 6.51 W/kg

SAR(1 g) = 3.65 mW/g; SAR(10 g) = 1.9 mW/g

Maximum value of SAR (measured) = 4.15 mW/g



0 dB = 4.15mW/g

Test Laboratory: Sony Ericsson Mobile Communications AB

File Name: [SystemPerformanceCheck-D1900_3.da4](#)

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d002

Program Name: System Performance Check at 1900 MHz

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 50.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1569; ConvF(4.79, 4.79, 4.79); Calibrated: 2007-01-16

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn433; Calibrated: 2007-01-18

- Phantom: SAM 2; Type: SAM QD 000 P40 CB; Serial: TP-1396

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

d=10mm, Pin=100mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 4.62 mW/g

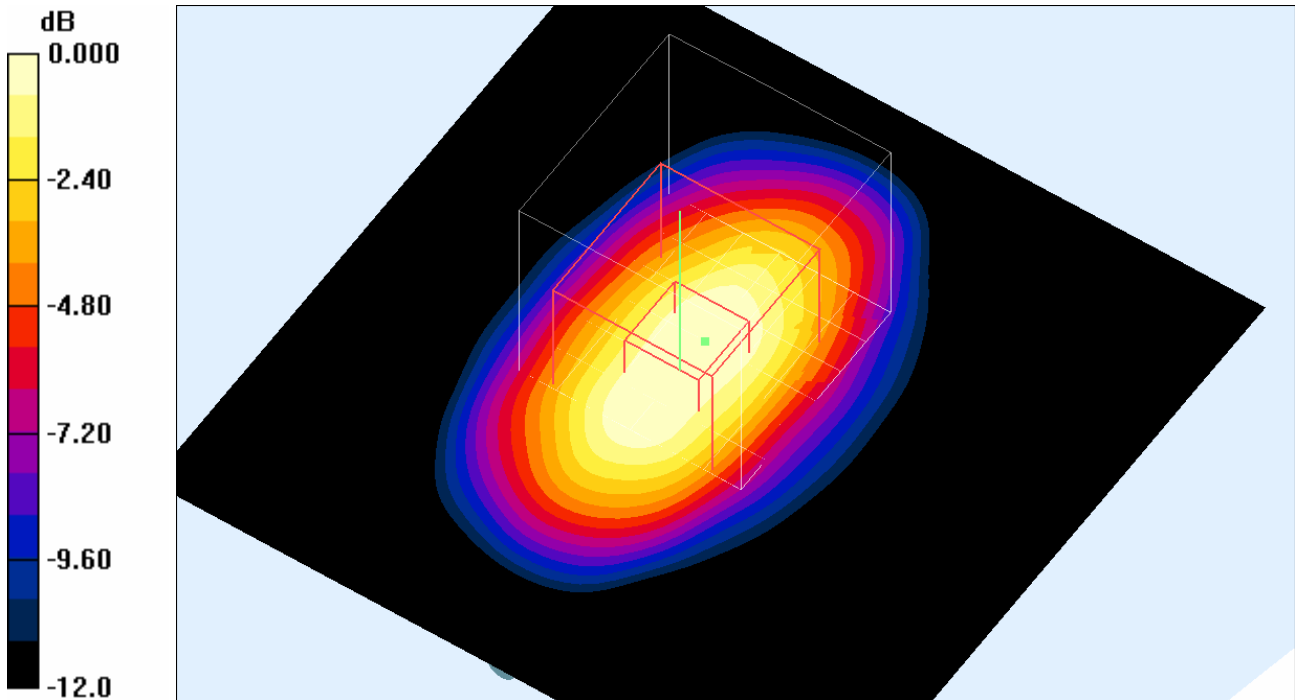
d=10mm, Pin=100mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 55.6 V/m; Power Drift = -0.052 dB

Peak SAR (extrapolated) = 6.30 W/kg

SAR(1 g) = 3.72 mW/g; SAR(10 g) = 1.97 mW/g

Maximum value of SAR (measured) = 4.23 mW/g



0 dB = 4.23mW/g

Date/Time: 2007-02-20 09:46:00

Test Laboratory: Sony Ericsson Mobile Communications AB

File Name: [LeftHandSide-GSM1900.da4](#)

DUT: AAB-1022081-BV (Zi); Type: GSM Triple Band; Serial: #W1FG

Program Name: Compliance Testing: (Left-Hand Side)

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1569; ConvF(5.33, 5.33, 5.33); Calibrated: 2007-01-16

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn433; Calibrated: 2007-01-18

- Phantom: SAM 2; Type: SAM QD 000 P40 CB; Serial: TP-1396

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - High/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.33 mW/g

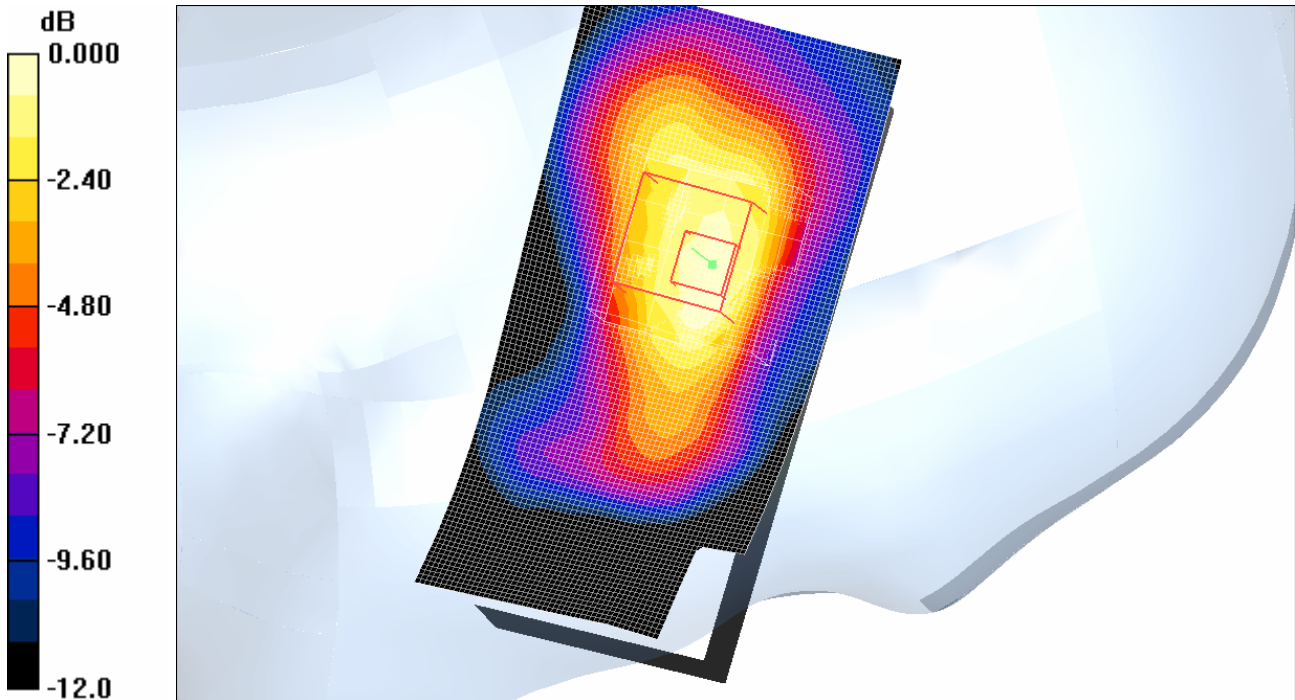
Touch position - High/Zoom Scan (5x5x7) (5x5x5)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.2 V/m; Power Drift = -0.140 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.634 mW/g

Maximum value of SAR (measured) = 1.22 mW/g



0 dB = 1.22mW/g

Date/Time: 2007-02-20 10:04:09

Test Laboratory: Sony Ericsson Mobile Communications AB

File Name: [LeftHandSide-GSM1900.da4](#)

DUT: AAB-1022081-BV (Zi); Type: GSM Triple Band; Serial: #W1FG
Program Name: Compliance Testing: (Left-Hand Side)

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1910$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1569; ConvF(5.33, 5.33, 5.33); Calibrated: 2007-01-16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2007-01-18
- Phantom: SAM 2; Type: SAM QD 000 P40 CB; Serial: TP-1396
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt position - High/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.927 mW/g

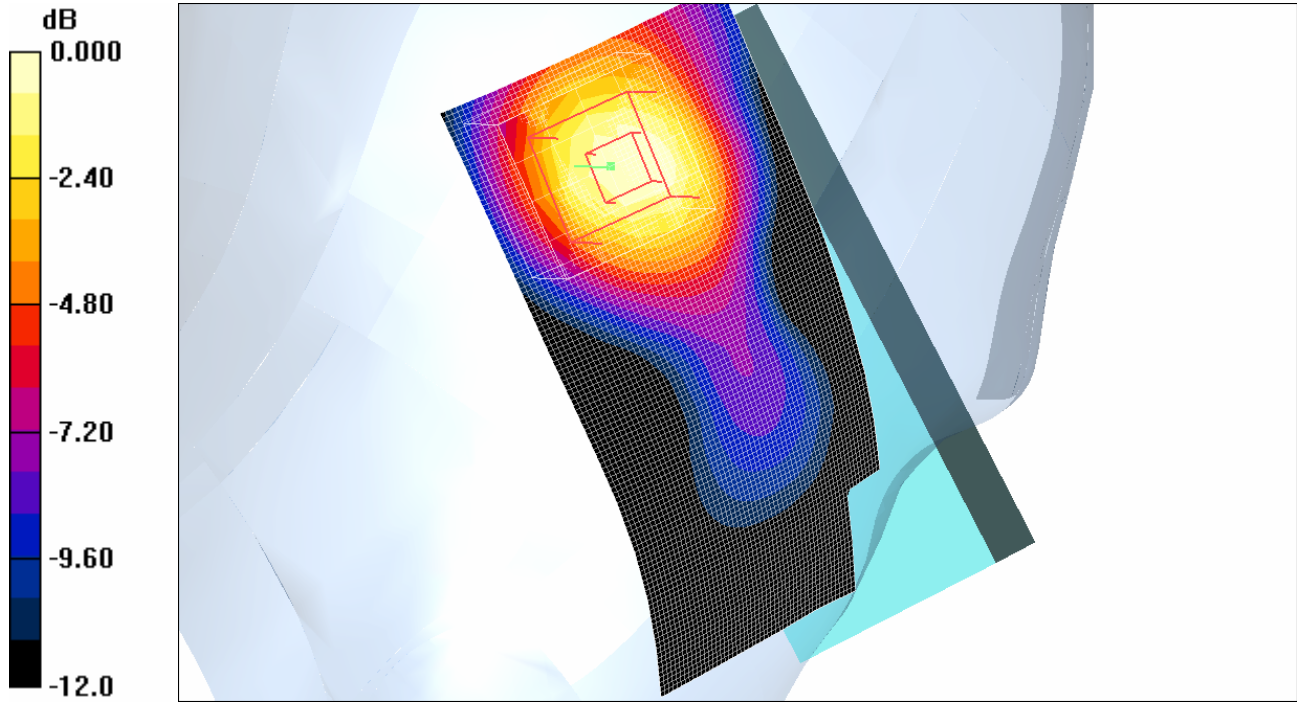
Tilt position - High/Zoom Scan (5x5x7) (5x5x5)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.6 V/m; Power Drift = -0.043 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.820 mW/g; SAR(10 g) = 0.455 mW/g

Maximum value of SAR (measured) = 0.897 mW/g



0 dB = 0.897mW/g

Test Laboratory: Sony Ericsson Mobile Communications AB

File Name: [RightHandSide-GSM1900.da4](#)

DUT: AAB-1022081-BV (Zi); Type: GSM Triple Band; Serial: #W1FG

Program Name: GSM-1900 (Right-Hand Side)

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1569; ConvF(5.33, 5.33, 5.33); Calibrated: 2007-01-16

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn433; Calibrated: 2007-01-18

- Phantom: SAM 2; Type: SAM QD 000 P40 CB; Serial: TP-1396

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - High/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.43 mW/g

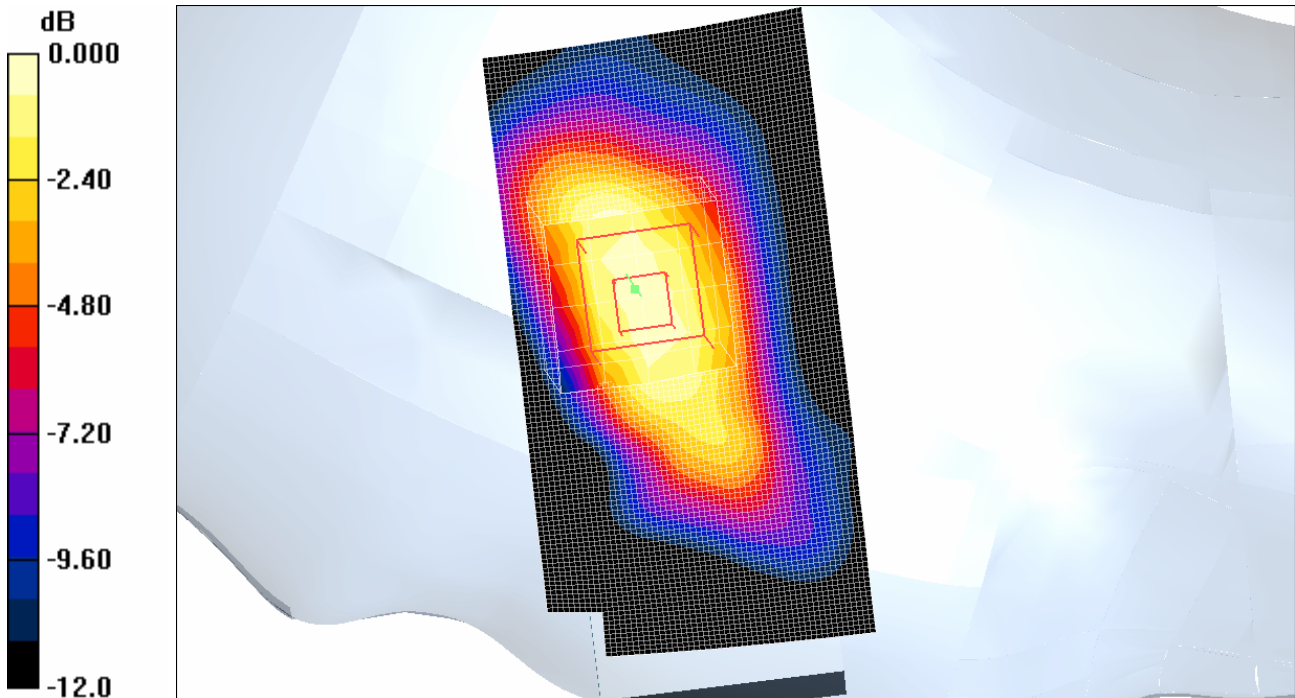
Touch position - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.3 V/m; Power Drift = -0.092 dB

Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.703 mW/g

Maximum value of SAR (measured) = 1.33 mW/g



0 dB = 1.33mW/g

Date/Time: 2007-02-19 15:02:00

Test Laboratory: Sony Ericsson Mobile Communications AB

File Name: [RightHandSide-GSM1900.da4](#)

DUT: AAB-1022081-BV (Zi); Type: GSM Triple Band; Serial: #W1FG
Program Name: GSM-1900 (Right-Hand Side)

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1910$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1569; ConvF(5.33, 5.33, 5.33); Calibrated: 2007-01-16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2007-01-18
- Phantom: SAM 2; Type: SAM QD 000 P40 CB; Serial: TP-1396
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt position - High/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.966 mW/g

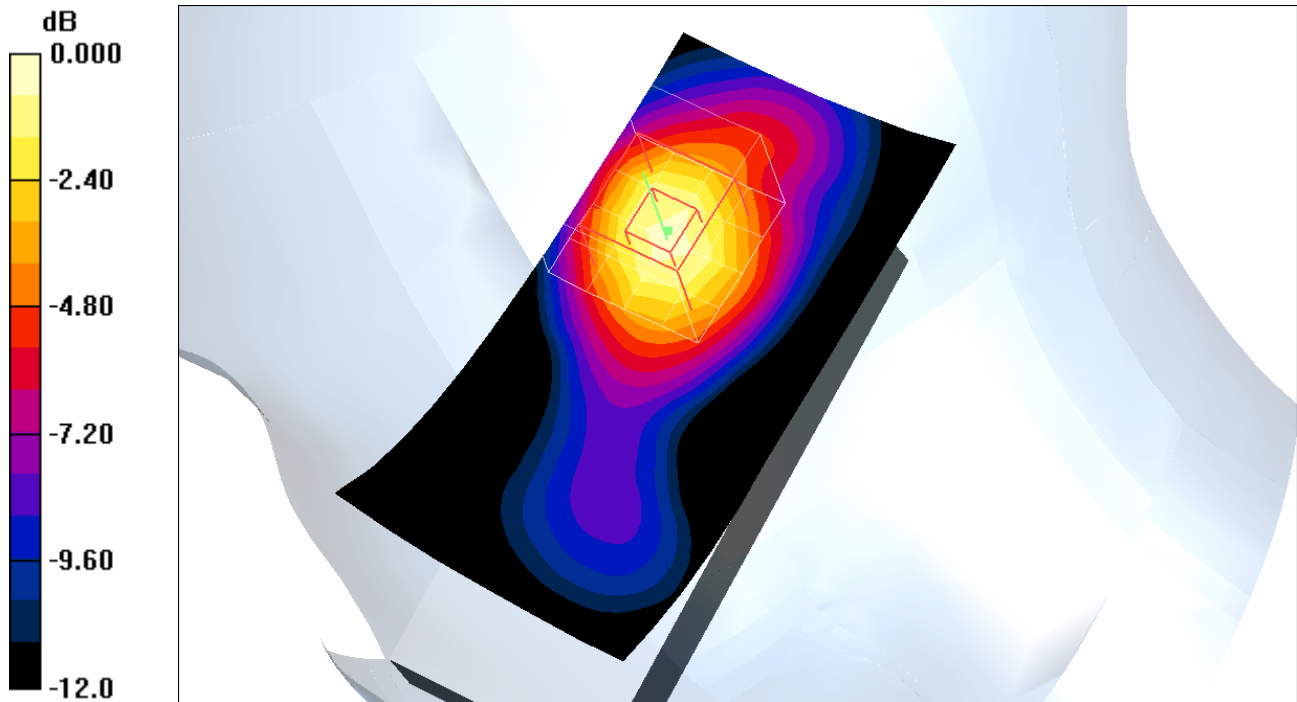
Tilt position - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.1 V/m; Power Drift = -0.074 dB

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 0.955 mW/g; SAR(10 g) = 0.501 mW/g

Maximum value of SAR (measured) = 1.08 mW/g



0 dB = 1.08mW/g

Date/Time: 2007-02-21 16:05:09

Test Laboratory: Sony Ericsson Mobile Communications AB

File Name: [Body GSM-1900.da4](#)

DUT: AAB-1022081-BV (Zi); Type: GSM Triple Band; Serial: #W1FG

Program Name: Body GSM-1900

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.58$ mho/m; $\epsilon_r = 50.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1569; ConvF(4.79, 4.79, 4.79); Calibrated: 2007-01-16

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn433; Calibrated: 2007-01-18

- Phantom: SAM 2; Type: SAM QD 000 P40 CB; Serial: TP-1396

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

High/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.471 mW/g

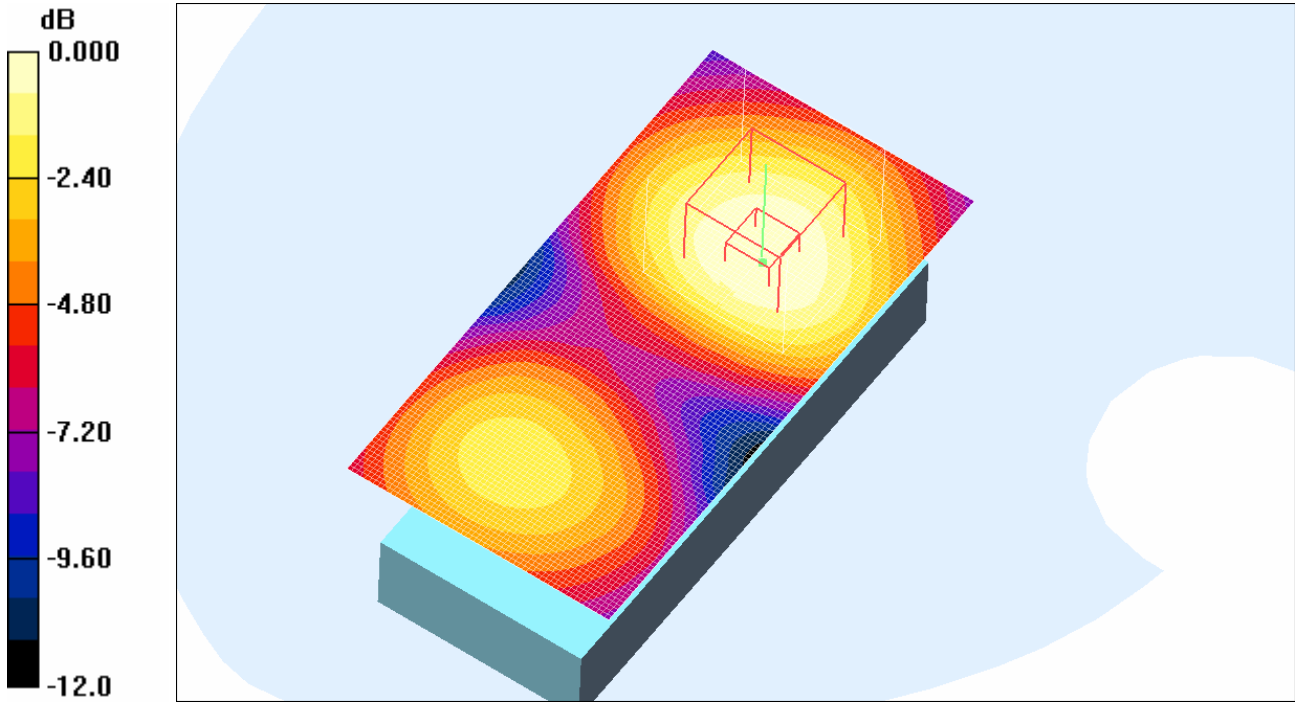
High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.6 V/m; Power Drift = -0.060 dB

Peak SAR (extrapolated) = 0.681 W/kg

SAR(1 g) = 0.429 mW/g; SAR(10 g) = 0.265 mW/g

Maximum value of SAR (measured) = 0.462 mW/g



0 dB = 0.462mW/g

Date/Time: 2007-02-21 16:27:03

Test Laboratory: Sony Ericsson Mobile Communications AB

File Name: [Body GSM-1900.da4](#)

DUT: AAB-1022081-BV (Zi); Type: GSM Triple Band; Serial: #W1FG
Program Name: Body GSM-1900

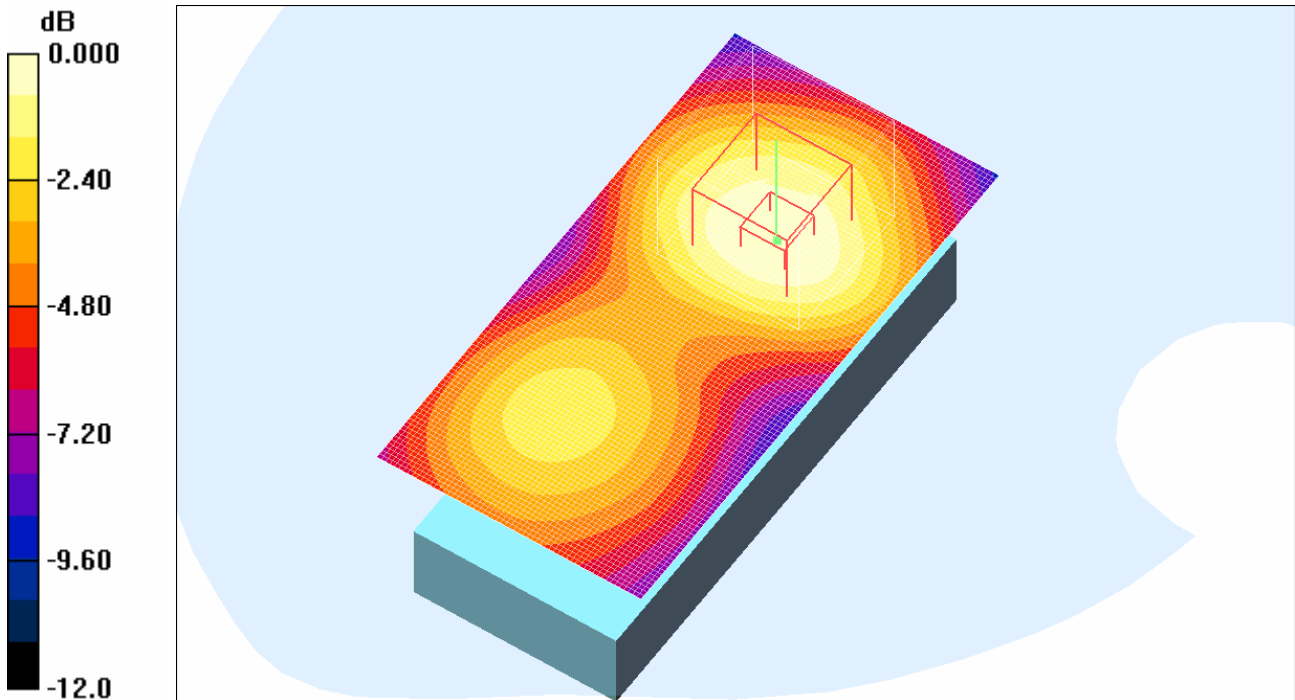
Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1910$ MHz; $\sigma = 1.58$ mho/m; $\epsilon_r = 50.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1569; ConvF(4.79, 4.79, 4.79); Calibrated: 2007-01-16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2007-01-18
- Phantom: SAM 2; Type: SAM QD 000 P40 CB; Serial: TP-1396
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

High 2 Handsfree/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.377 mW/g

High 2 Handsfree/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.2 V/m; Power Drift = 0.018 dB
Peak SAR (extrapolated) = 0.536 W/kg
SAR(1 g) = 0.341 mW/g; SAR(10 g) = 0.208 mW/g
Maximum value of SAR (measured) = 0.368 mW/g



0 dB = 0.368mW/g

Date/Time: 2007-02-21 14:43:08

Test Laboratory: Sony Ericsson Mobile Communications AB

File Name: [Body GPRS-1900.da4](#)

DUT: AAB-1022081-BV (Zi); Type: GSM Triple Band; Serial: #W1FG
Program Name: Body GPRS-1900

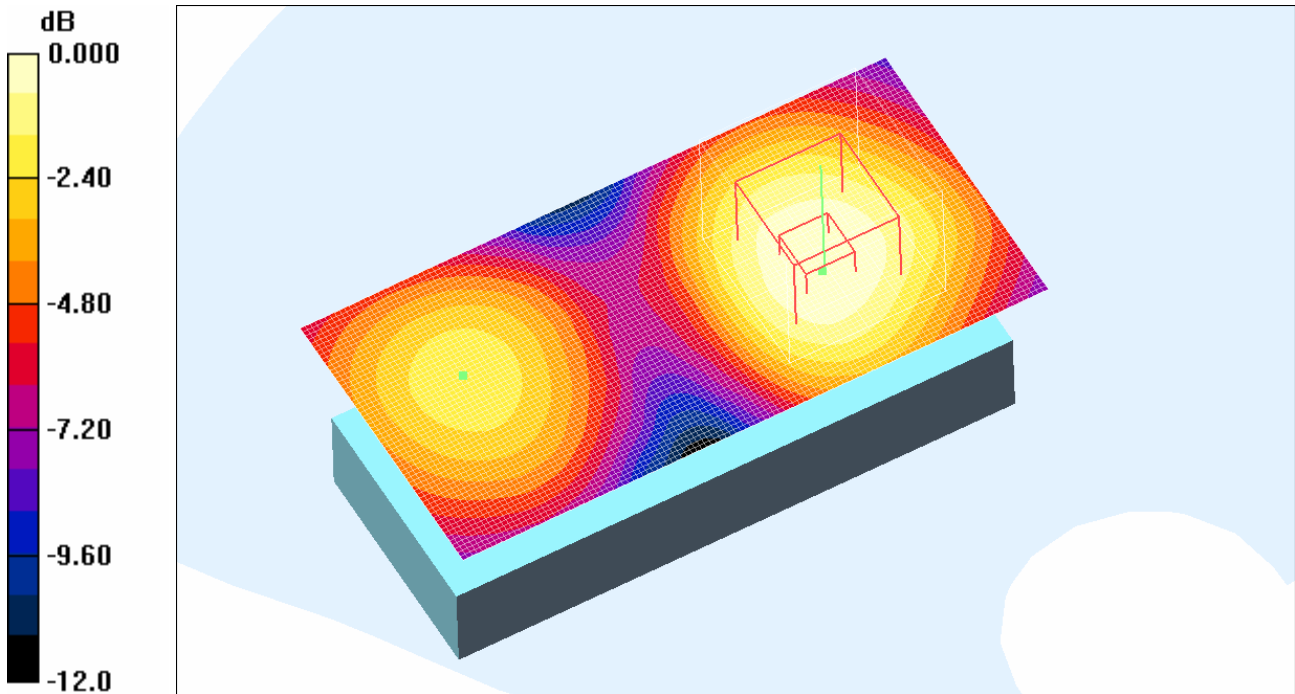
Communication System: GSM1900_GPRS; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1910$ MHz; $\sigma = 1.58$ mho/m; $\epsilon_r = 50.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1569; ConvF(4.79, 4.79, 4.79); Calibrated: 2007-01-16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2007-01-18
- Phantom: SAM 2; Type: SAM QD 000 P40 CB; Serial: TP-1396
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

High/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.885 mW/g

High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.1 V/m; Power Drift = -0.109 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.814 mW/g; SAR(10 g) = 0.500 mW/g
Maximum value of SAR (measured) = 0.879 mW/g



0 dB = 0.879mW/g

Date/Time: 2007-02-21 15:12:20

Test Laboratory: Sony Ericsson Mobile Communications AB

File Name: [Body GPRS-1900.da4](#)

DUT: AAB-1022081-BV (Zi); Type: GSM Triple Band; Serial: #W1FG
Program Name: Body GPRS-1900

Communication System: GSM1900_GPRS; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.58$ mho/m; $\epsilon_r = 50.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1569; ConvF(4.79, 4.79, 4.79); Calibrated: 2007-01-16

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn433; Calibrated: 2007-01-18

- Phantom: SAM 2; Type: SAM QD 000 P40 CB; Serial: TP-1396

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

High 2 Front-Side/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.571 mW/g

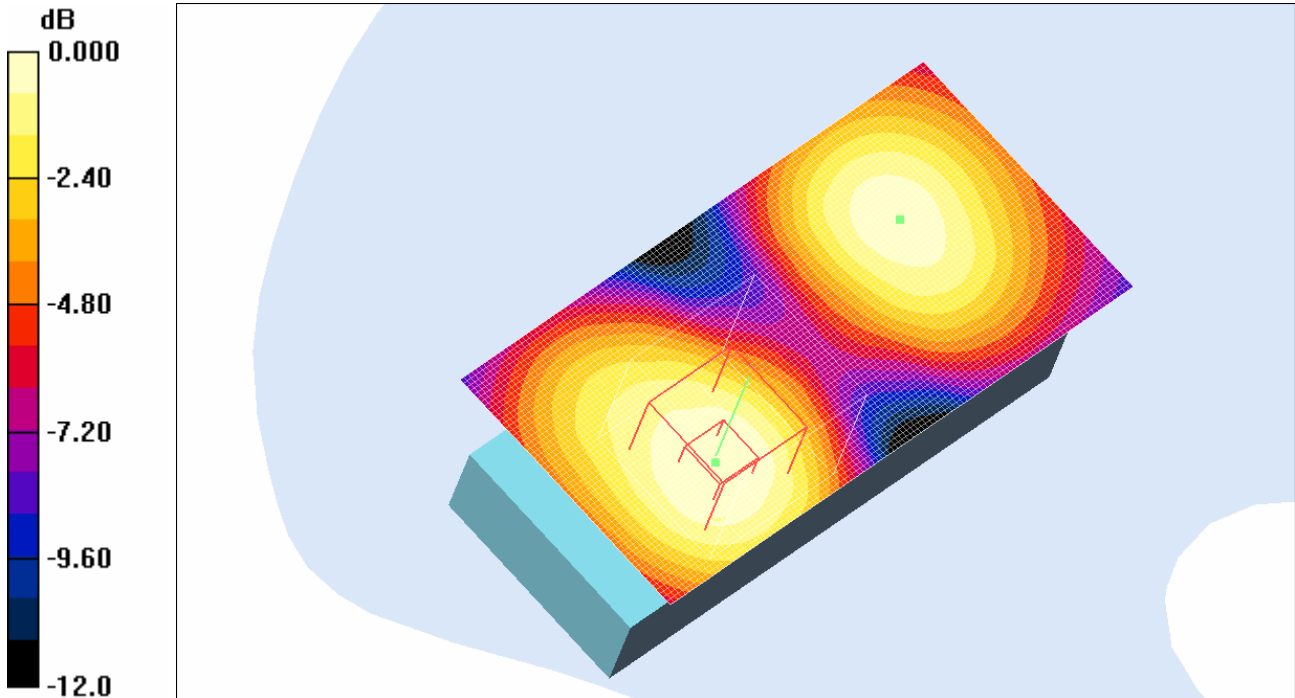
High 2 Front-Side/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.1 V/m; Power Drift = -0.164 dB

Peak SAR (extrapolated) = 0.804 W/kg

SAR(1 g) = 0.517 mW/g; SAR(10 g) = 0.321 mW/g

Maximum value of SAR (measured) = 0.554 mW/g



0 dB = 0.554mW/g