

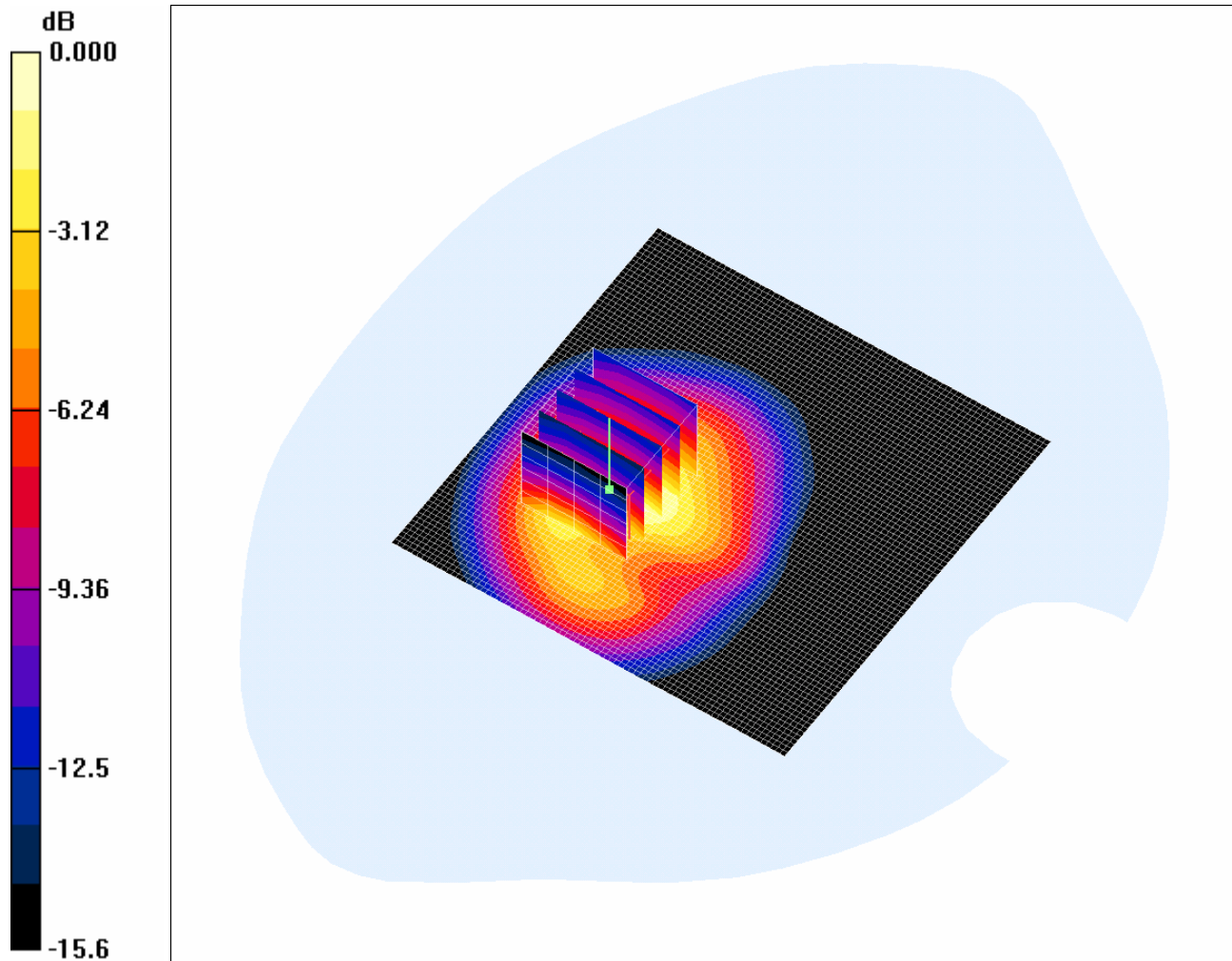
Test of: Aerotel Medical Systems (1998) Ltd.  
Skeeper S-56

To: OET Bulletin 65 Supplement C: (2001-01)

SCN/72900JD03/022: Rear Of EUT Facing Phantom With Neck Strap CH189

Date: 22/01/2008

DUT: Aerotel Medical System Ltd; Type: SKeeper; Serial: 352023-00-306649



0 dB = 0.109mW/g

Communication System: 850 MHz; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.967$  mho/m;  $\epsilon_r = 53.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.19, 6.19, 6.19); Calibrated: 06/07/2007

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

- Electronics: DAE3 Sn394; Calibrated: 24/05/2007

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Rear of EUT Facing Phantom with Neck Strap - Middle/Area Scan (81x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.105 mW/g

**Rear of EUT Facing Phantom with Neck Strap - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.97 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 0.192 W/kg

**SAR(1 g) = 0.099 mW/g; SAR(10 g) = 0.054 mW/g**

Maximum value of SAR (measured) = 0.109 mW/g

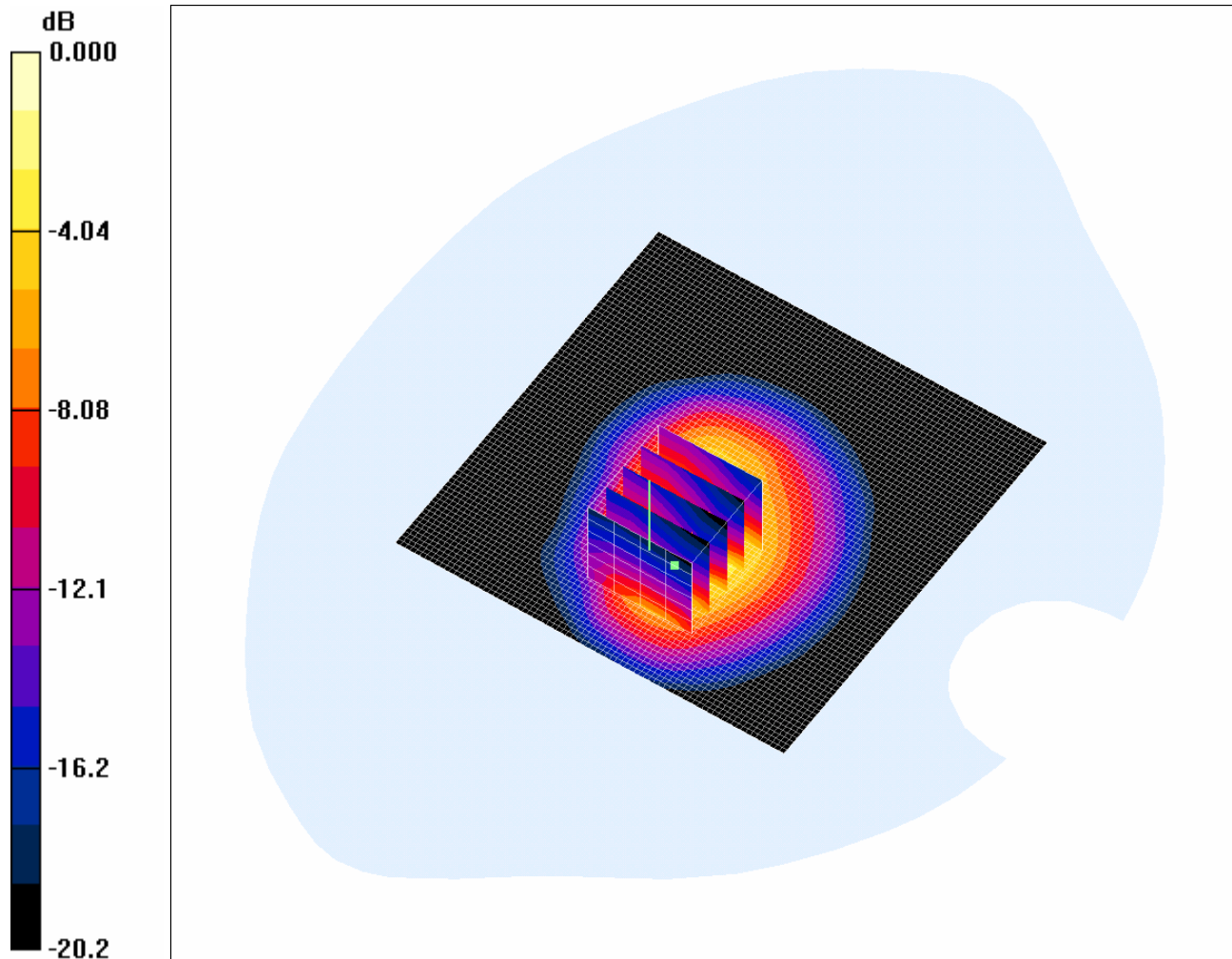
Test of: Aerotel Medical Systems (1998) Ltd.  
Skeeper S-56

To: OET Bulletin 65 Supplement C: (2001-01)

SCN/72900JD03/023: Front Of EUT Facing Phantom With Wrist Strap CH189

Date: 22/01/2008

DUT: Aerotel Medical System Ltd; Type: SKeeper; Serial: 352023-00-306649



0 dB = 0.884mW/g

Communication System: 850 MHz; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.967$  mho/m;  $\epsilon_r = 53.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.19, 6.19, 6.19); Calibrated: 06/07/2007

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

- Electronics: DAE3 Sn394; Calibrated: 24/05/2007

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Front of EUT Facing Phantom with Wrist Strap - Middle/Area Scan (81x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.598 mW/g

**Front of EUT Facing Phantom with Wrist Strap - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.0 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 1.88 W/kg

**SAR(1 g) = 0.684 mW/g; SAR(10 g) = 0.290 mW/g**

Maximum value of SAR (measured) = 0.884 mW/g

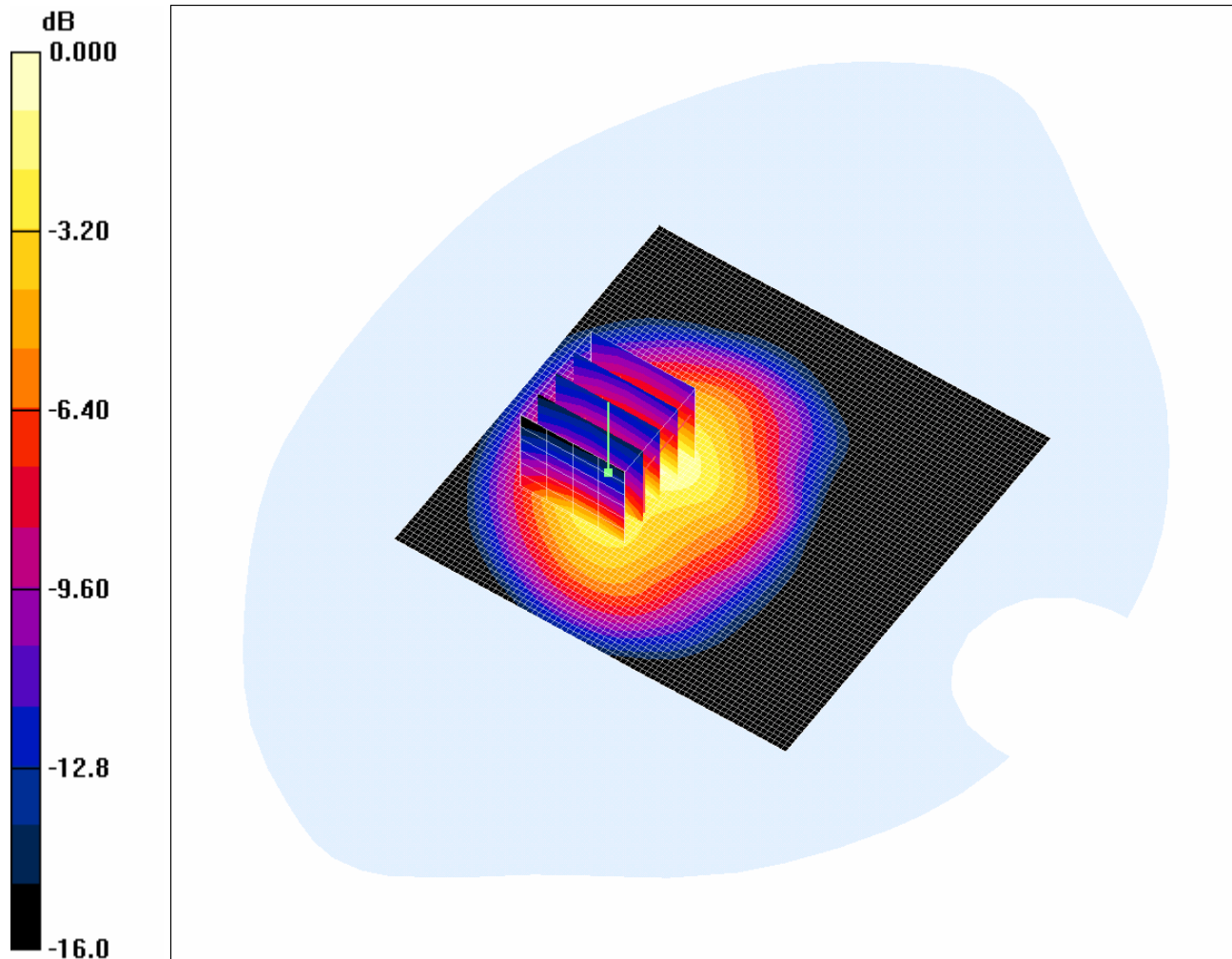
Test of: Aerotel Medical Systems (1998) Ltd.  
Skeeper S-56

To: OET Bulletin 65 Supplement C: (2001-01)

SCN/72900JD03/024: Rear Of EUT Facing Phantom With Wrist Strap CH189

Date: 22/01/2008

DUT: Aerotel Medical System Ltd; Type: SKeeper; Serial: 352023-00-306649



0 dB = 0.110mW/g

Communication System: 850 MHz; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.967$  mho/m;  $\epsilon_r = 53.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.19, 6.19, 6.19); Calibrated: 06/07/2007

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

- Electronics: DAE3 Sn394; Calibrated: 24/05/2007

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Front of EUT Facing Phantom with Wrist Strap - Middle/Area Scan (81x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.102 mW/g

**Front of EUT Facing Phantom with Wrist Strap - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.38 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.201 W/kg

**SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.056 mW/g**

Maximum value of SAR (measured) = 0.110 mW/g



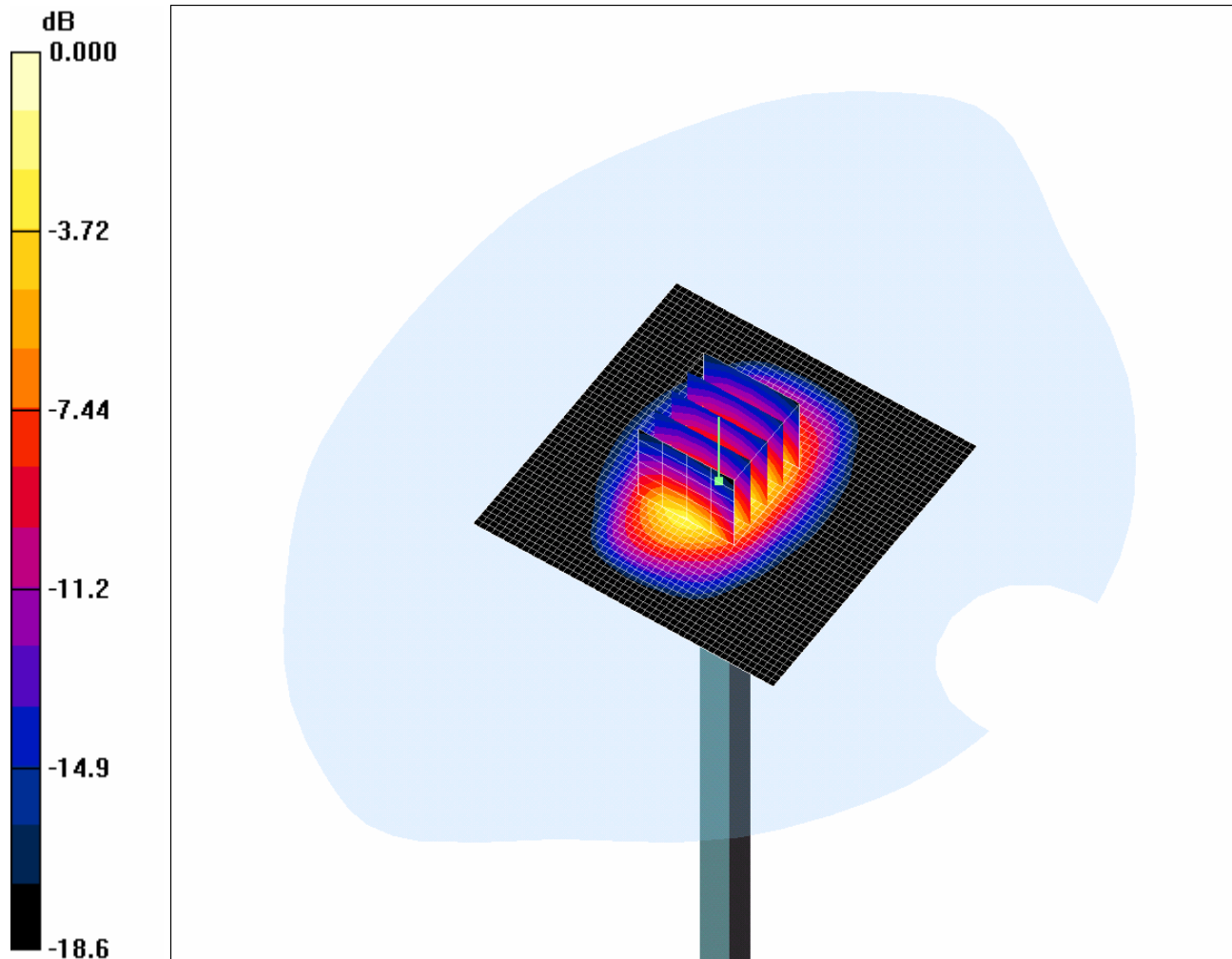
Test of: Aerotel Medical Systems (1998) Ltd.  
Skeeper S-56

To: OET Bulletin 65 Supplement C: (2001-01)

SCN/72900JD03/025: System Performance Check 1900MHz Body 21 01 08

Date: 21/01/2008

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN540



0 dB = 11.1mW/g

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

Medium: 1900 MHz MSL Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 51.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.57, 4.57, 4.57); Calibrated: 06/07/2007

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

- Electronics: DAE3 Sn394; Calibrated: 24/05/2007

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**d=15mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 14.6 mW/g

**d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 88.3 V/m; Power Drift = 0.055 dB

Peak SAR (extrapolated) = 17.8 W/kg

**SAR(1 g) = 9.85 mW/g; SAR(10 g) = 5.06 mW/g**

Maximum value of SAR (measured) = 11.1 mW/g

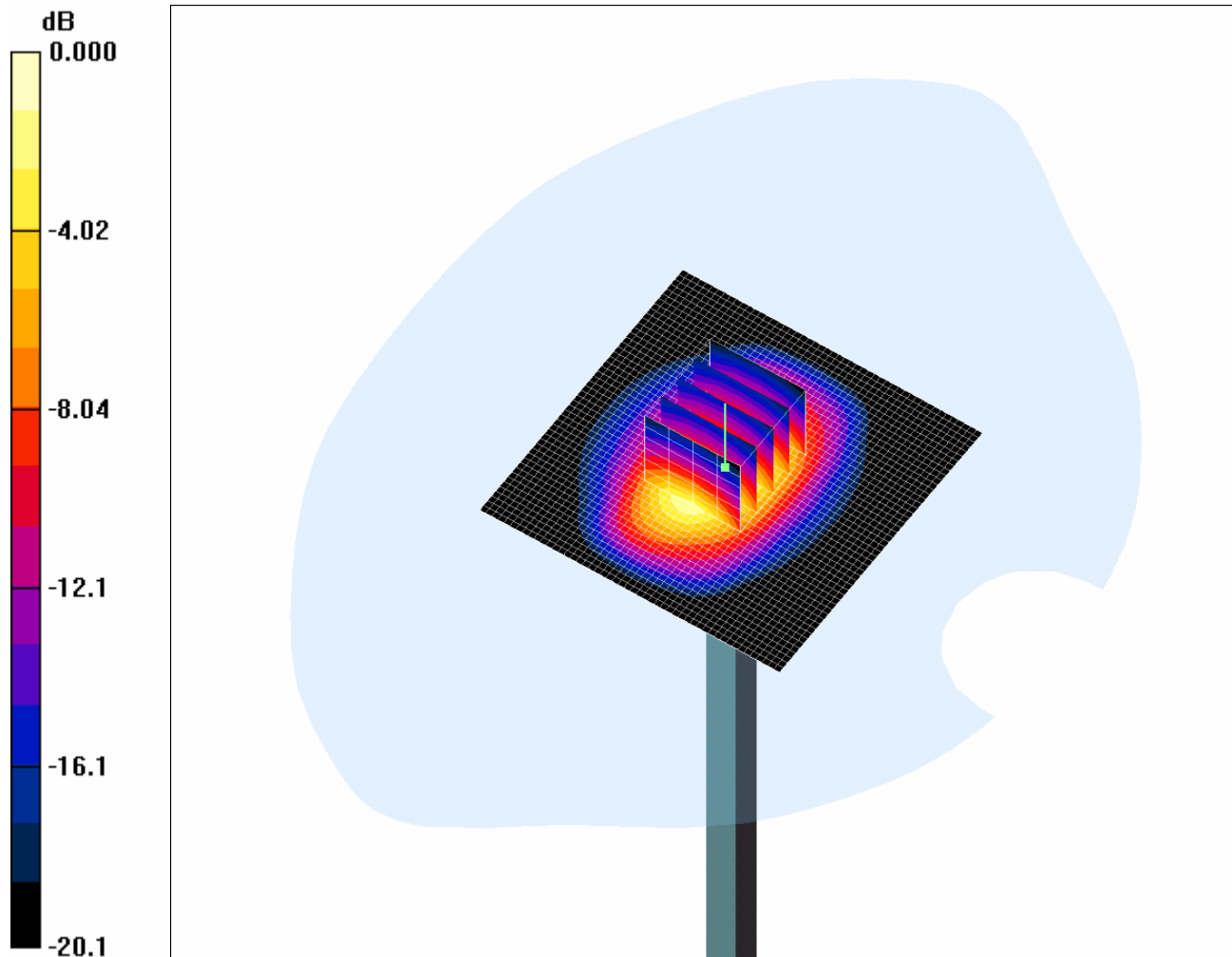
Test of: Aerotel Medical Systems (1998) Ltd.  
Skeeper S-56

To: OET Bulletin 65 Supplement C: (2001-01)

SCN/72900JD03/026: System Performance Check 1900MHz Head 21 01 08

Date: 21/01/2008

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN540



0 dB = 10.5mW/g

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

Medium: 1900 MHz HSL Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 41.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.98, 4.98, 4.98); Calibrated: 06/07/2007

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

- Electronics: DAE3 Sn394; Calibrated: 24/05/2007

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**d=15mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 13.5 mW/g

**d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 87.7 V/m; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 17.4 W/kg

**SAR(1 g) = 9.32 mW/g; SAR(10 g) = 4.67 mW/g**

Maximum value of SAR (measured) = 10.5 mW/g

Test of: Aerotel Medical Systems (1998) Ltd.

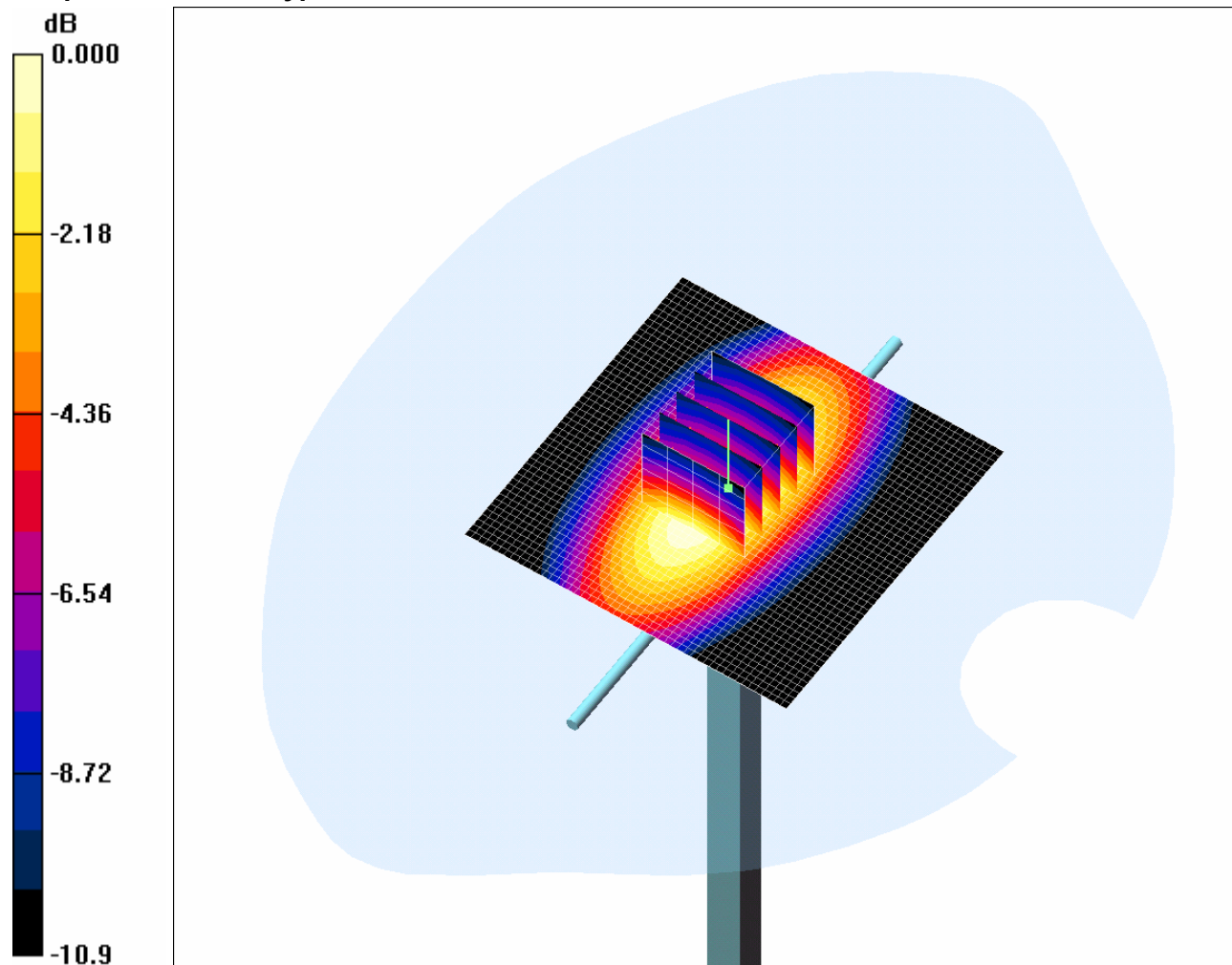
Skeeper S-56

To: OET Bulletin 65 Supplement C: (2001-01)

SCN/72900JD03/027: System Performance Check 900MHz Body 22 01 08

Date: 22/01/2008

DUT: Dipole 900 MHz - Type: D900V2; Serial: SN185



0 dB = 2.82mW/g

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used:  $f = 900 \text{ MHz}$ ;  $\sigma = 1.02 \text{ mho/m}$ ;  $\epsilon_r = 52.7$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.9, 5.9, 5.9); Calibrated: 06/07/2007

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

- Electronics: DAE3 Sn394; Calibrated: 24/05/2007

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**d=15mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 2.94 mW/g

**d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 54.5 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 3.81 W/kg

**SAR(1 g) = 2.61 mW/g; SAR(10 g) = 1.69 mW/g**

Maximum value of SAR (measured) = 2.82 mW/g

Test of: Aerotel Medical Systems (1998) Ltd.

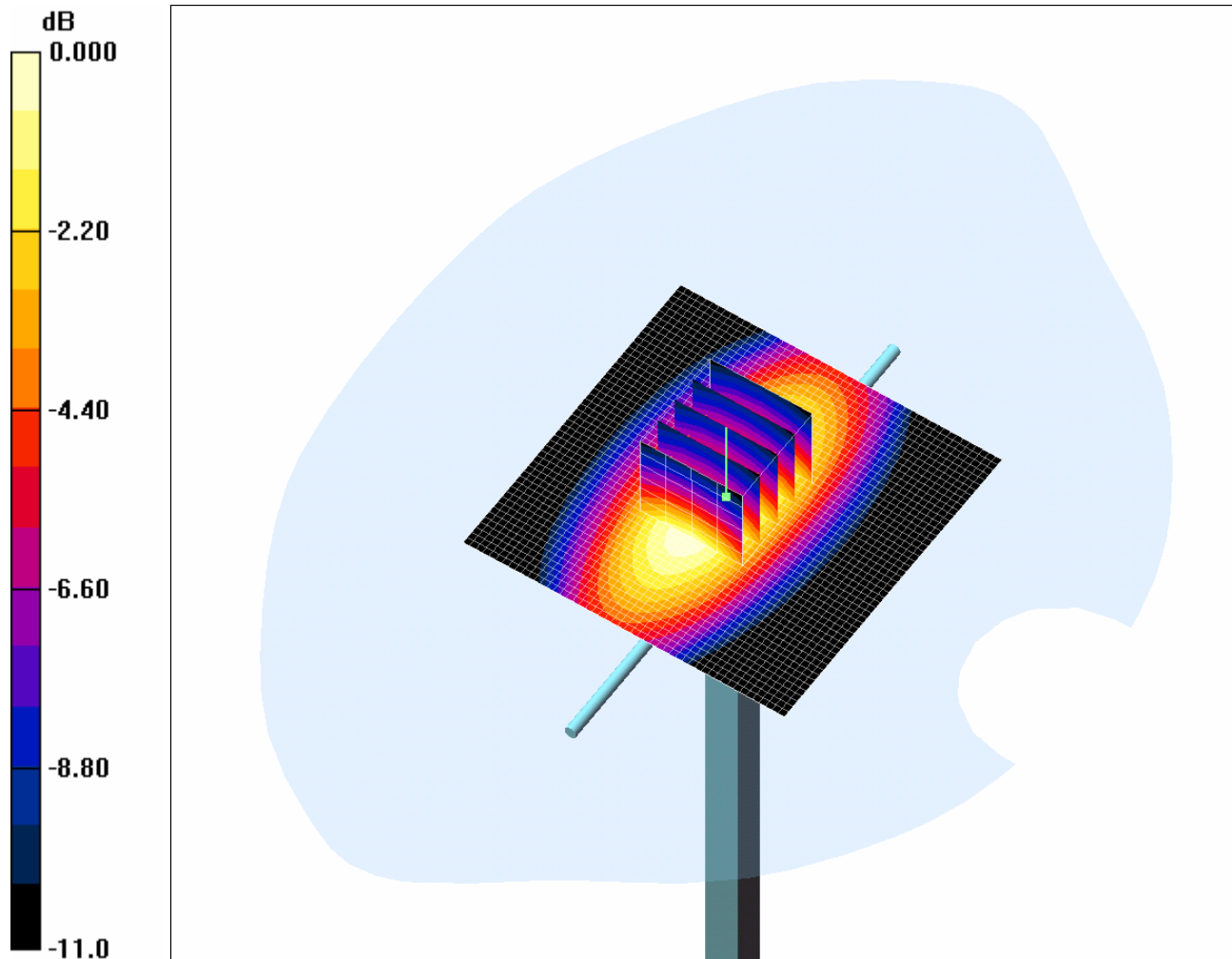
Skeeper S-56

To: OET Bulletin 65 Supplement C: (2001-01)

SCN/72900JD03/028: System Performance Check 900MHz Head 22 01 08

Date: 22/01/2008

DUT: Dipole 900 MHz - SPARE; Type: D900V2; Serial: SN185



0 dB = 2.77mW/g

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used:  $f = 900 \text{ MHz}$ ;  $\sigma = 0.94 \text{ mho/m}$ ;  $\epsilon_r = 39.7$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.3, 6.3, 6.3); Calibrated: 06/07/2007

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

- Electronics: DAE3 Sn394; Calibrated: 24/05/2007

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**d=15mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 2.89 mW/g

**d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.7 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 3.83 W/kg

**SAR(1 g) = 2.56 mW/g; SAR(10 g) = 1.64 mW/g**

Maximum value of SAR (measured) = 2.77 mW/g