Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

Appendix 3. SAR Distribution Scans

This appendix contains SAR distribution scans which are not included in the total number of pages for this report.

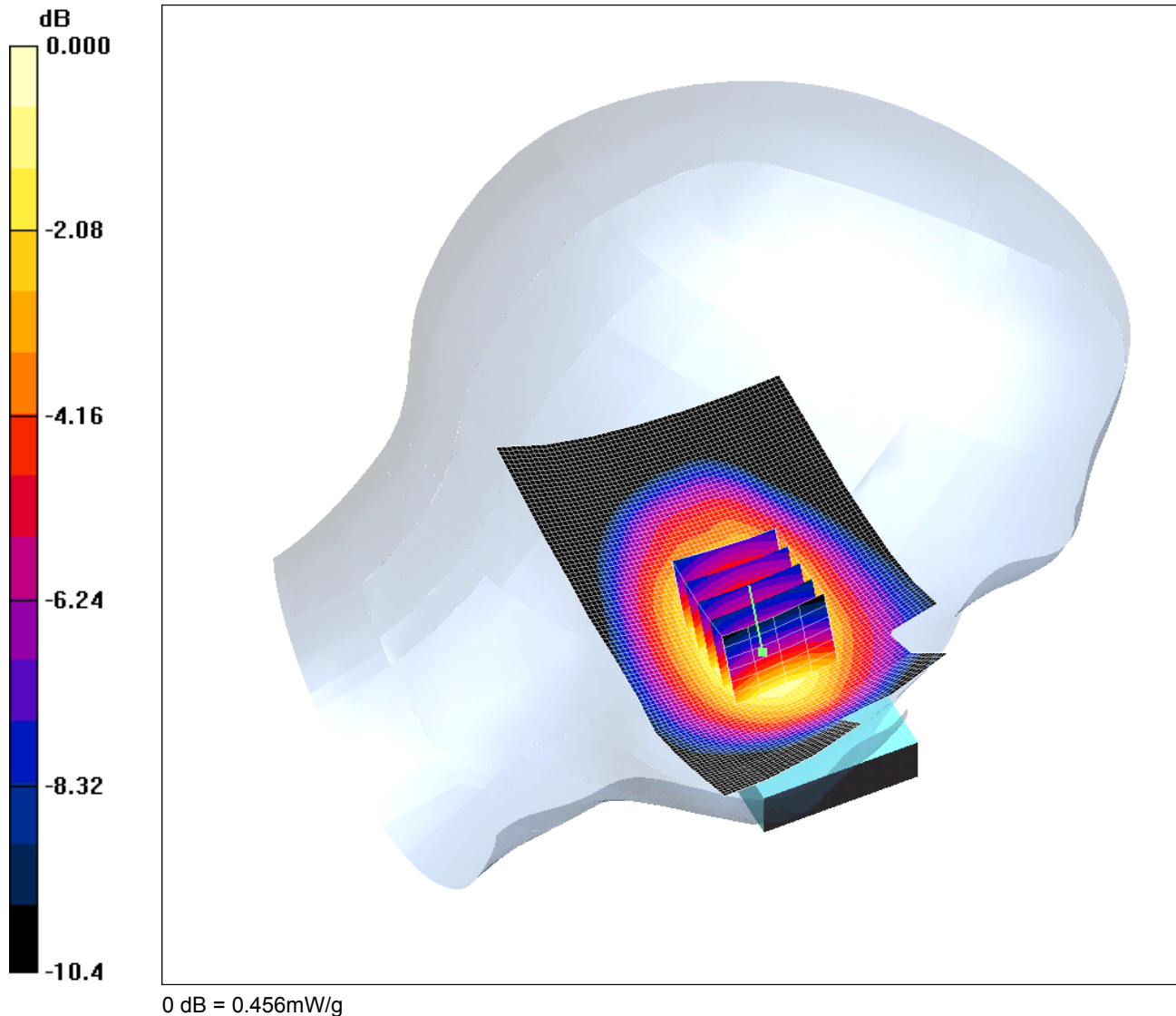| Scan Reference Number	Title
SCN/73564JD01/001	Touch Left GSM CH189
SCN/73564JD01/002	Tilt Left GSM CH189
SCN/73564JD01/003	Touch Right GSM CH189
SCN/73564JD01/004	Tilt Right GSM CH189
SCN/73564JD01/005	Touch Left PCS CH660
SCN/73564JD01/006	Tilt Left PCS CH660
SCN/73564JD01/007	Touch Right PCS CH660
SCN/73564JD01/008	Tilt Right PCS CH660
SCN/73564JD01/009	Front of EUT Facing Phantom PCS CH660
SCN/73564JD01/010	Front of EUT Facing Phantom GPRS CH660
SCN/73564JD01/011	Rear of EUT Facing Phantom GPRS CH660
SCN/73564JD01/012	Front of EUT Facing Phantom PCS CH189
SCN/73564JD01/013	Front of EUT Facing Phantom GPRS CH189
SCN/73564JD01/014	Rear of EUT Facing Phantom GPRS CH189
SCN/73564JD01/015	Rear of EUT Facing Phantom GPRS CH975
SCN/73564JD01/016	Rear of EUT Facing Phantom GPRS CH128
SCN/73564JD01/017	System Performance Check 900MHz Head 02 06 08
SCN/73564JD01/018	System Performance Check 900MHz Body 03 06 08
SCN/73564JD01/019	System Performance Check 1900MHz Head 03 06 08
SCN/73564JD01/020	System Performance Check 1900MHz Body 03 06 08

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

SCN/73564JD01/001: Touch Left GSM CH189
Date: 02/06/2008
DUT: TAGHeuer; Type: TH01M; Serial: 019358009804000506

0 dB = 0.456mW/g

Communication System: 850 MHz; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: 900 MHz HSL Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.861 mho/m; ε_r = 41.6; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(6.39, 6.39, 6.39); Calibrated: 06/07/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 13/06/2007
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Touch Left - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.469 mW/g
Touch Left - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.1 V/m; Power Drift = -0.210 dB
Peak SAR (extrapolated) = 0.593 W/kg
SAR(1 g) = 0.427 mW/g; SAR(10 g) = 0.299 mW/g
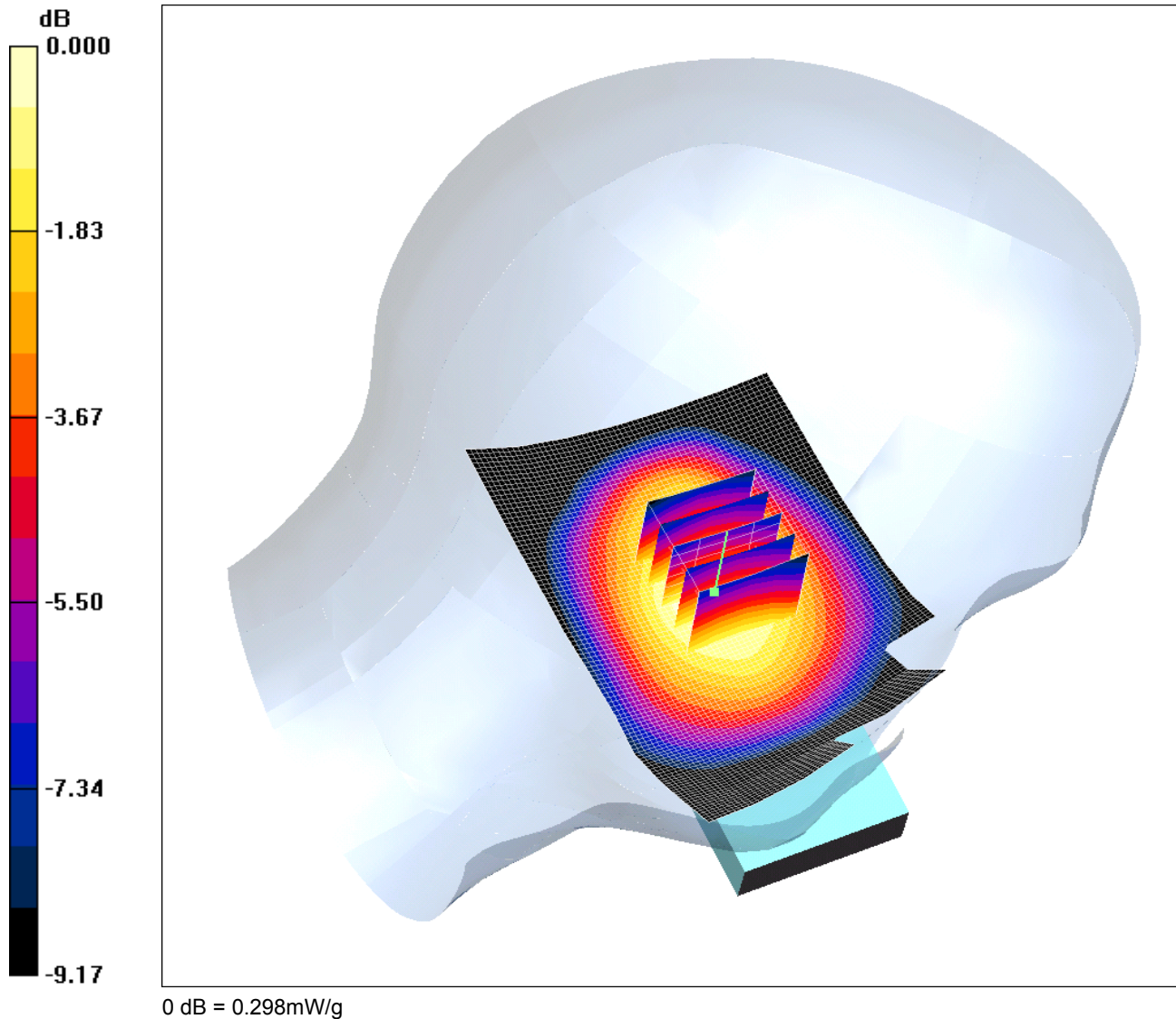Maximum value of SAR (measured) = 0.456 mW/g

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

SCN/73564JD01/002: Tilt Left GSM CH189
Date: 02/06/2008
DUT: TAGHeuer; Type: TH01M; Serial: 019358009804000506

0 dB = 0.298mW/g

Communication System: 850 MHz; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: 900 MHz HSL Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.861 mho/m; ε_r = 41.6; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(6.39, 6.39, 6.39); Calibrated: 06/07/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 13/06/2007
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Tilt Left - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.305 mW/g
Tilt Left - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.8 V/m; Power Drift = 0.496 dB
Peak SAR (extrapolated) = 0.361 W/kg
SAR(1 g) = 0.280 mW/g; SAR(10 g) = 0.206 mW/g
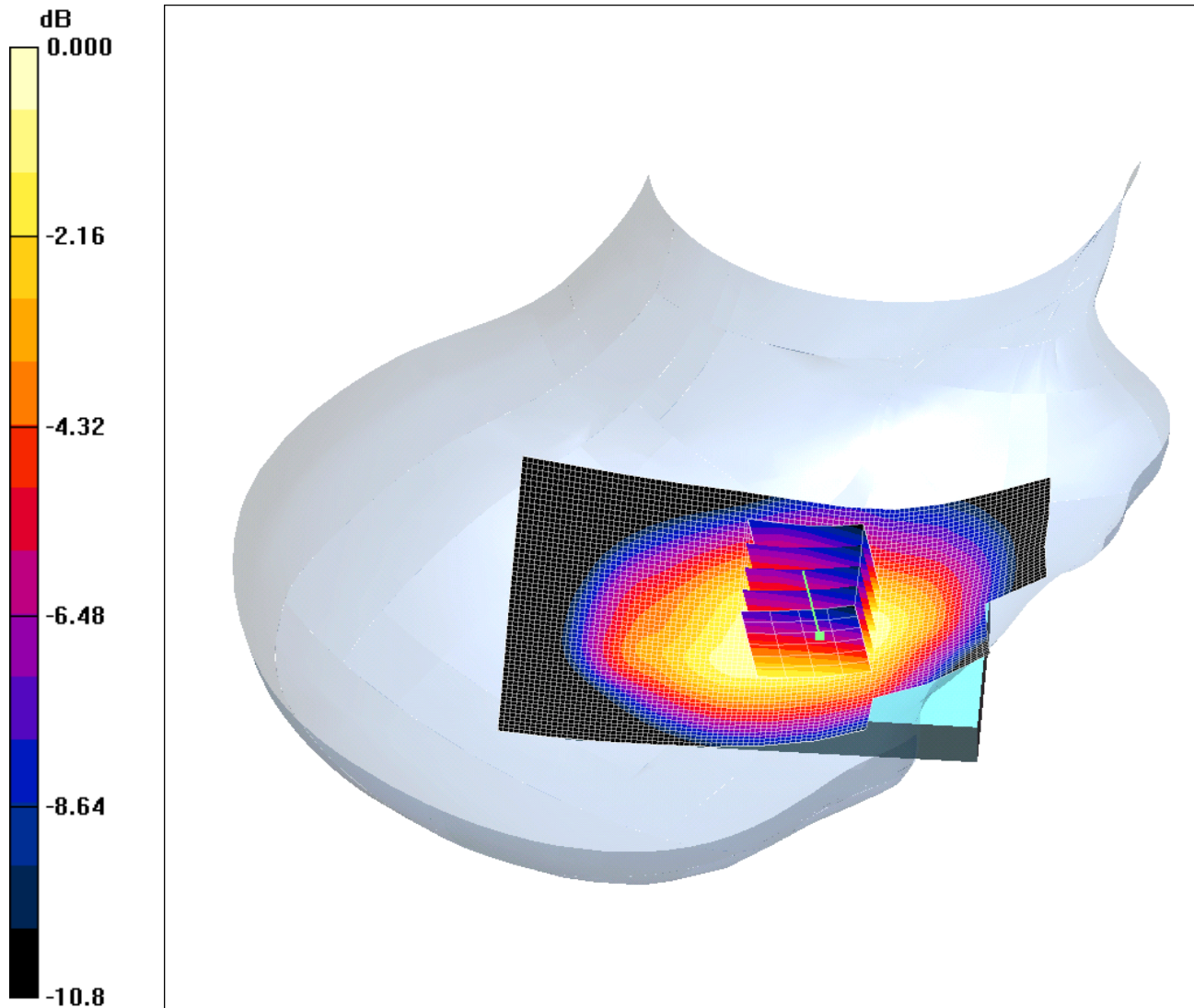Maximum value of SAR (measured) = 0.298 mW/g

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

SCN/73564JD01/003: Touch Right GSM CH189
Date: 02/06/2008
DUT: TAGHeuer; Type: TH01M; Serial: 019358009804000506

0 dB = 0.428mW/g

Communication System: 850 MHz; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: 900 MHz HSL Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.861 mho/m; ε_r = 41.6; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(6.39, 6.39, 6.39); Calibrated: 06/07/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 13/06/2007
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Touch Right - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.446 mW/g
Touch Right - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.5 V/m; Power Drift = -0.241 dB
Peak SAR (extrapolated) = 0.557 W/kg
SAR(1 g) = 0.401 mW/g; SAR(10 g) = 0.282 mW/g
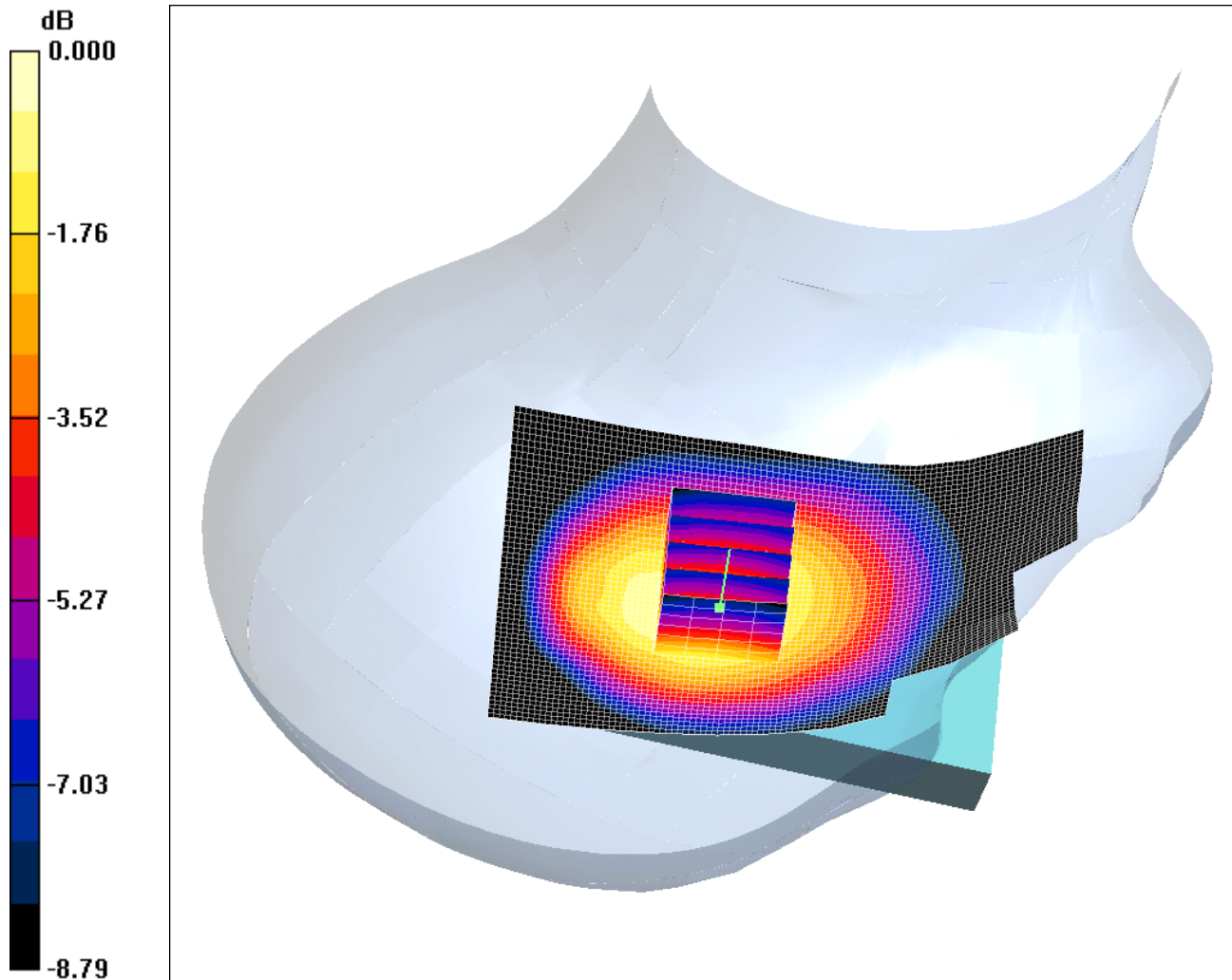Maximum value of SAR (measured) = 0.428 mW/g

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

SCN/73564JD01/004: Tilt Right GSM CH189
Date: 02/06/2008
DUT: TAGHeuer; Type: TH01M; Serial: 019358009804000506

0 dB = 0.336mW/g

Communication System: 850 MHz; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: 900 MHz HSL Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.861 mho/m; ε_r = 41.6; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(6.39, 6.39, 6.39); Calibrated: 06/07/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 13/06/2007
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Tilt Right - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.306 mW/g
Tilt Right - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.0 V/m; Power Drift = 0.925 dB
Peak SAR (extrapolated) = 0.408 W/kg
SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.235 mW/g
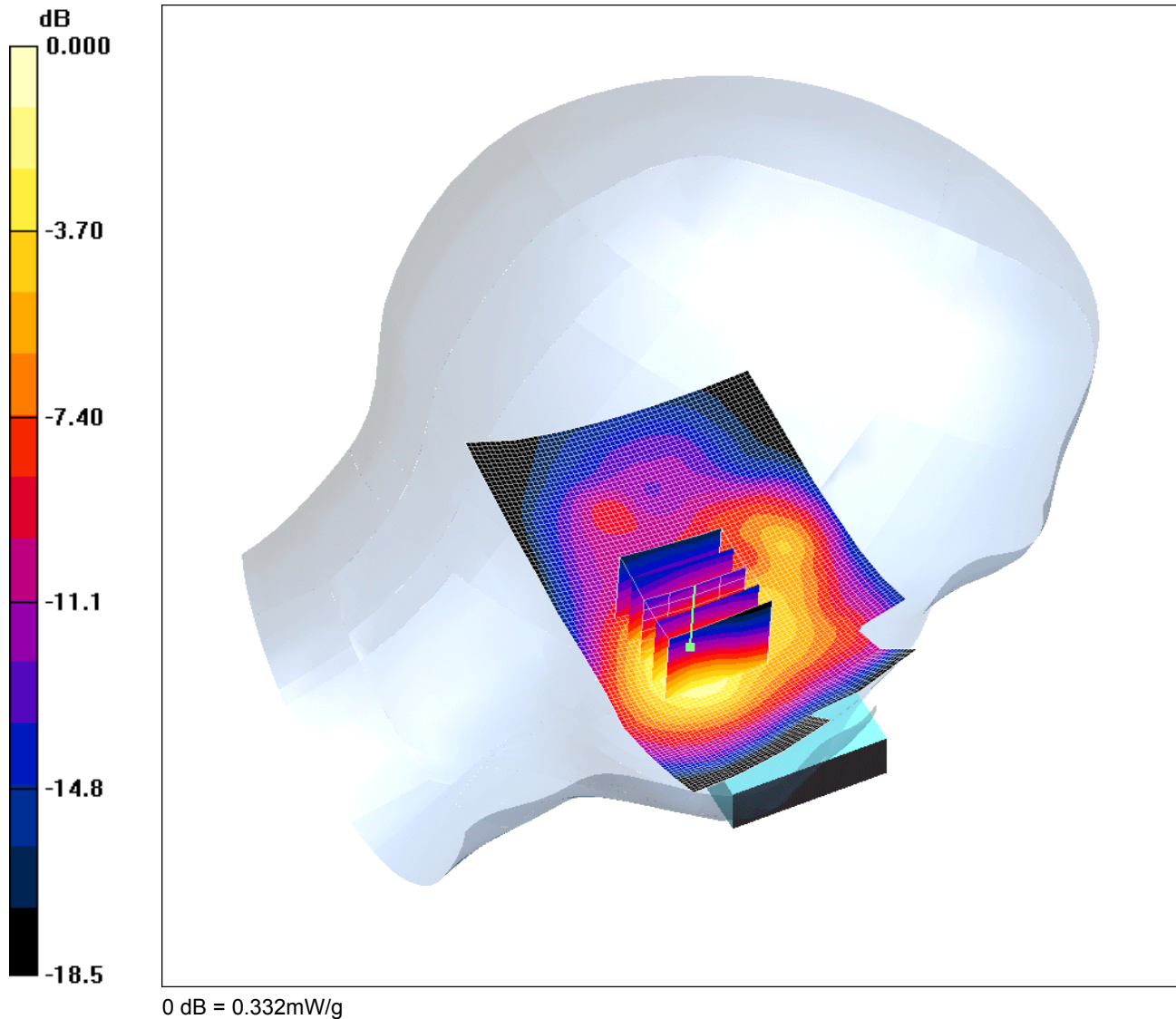Maximum value of SAR (measured) = 0.336 mW/g

Test of: TUV Product Services Ltd
        TAGHeuer TH01M

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

SCN/73564JD01/005: Touch Left PCS CH660
Date: 03/06/2008
DUT: TAGHeuer; Type: TH01M; Serial: 019358009804000506

0 dB = 0.332mW/g

Communication System: PCS 1900; Frequency: 1879.8 MHz;Duty Cycle: 1:8.3
Medium: 1900 MHz HSL Medium parameters used (interpolated): f = 1879.8 MHz; σ = 1.35 mho/m; ε_r = 38.7; ρ = 1000 kg/m^3
Phantom section: Left 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 Sn450; Calibrated: 13/06/2007
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Touch Left - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.317 mW/g
Touch Left - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.10 V/m; Power Drift = -0.037 dB
Peak SAR (extrapolated) = 0.500 W/kg
SAR(1 g) = 0.287 mW/g; SAR(10 g) = 0.156 mW/g
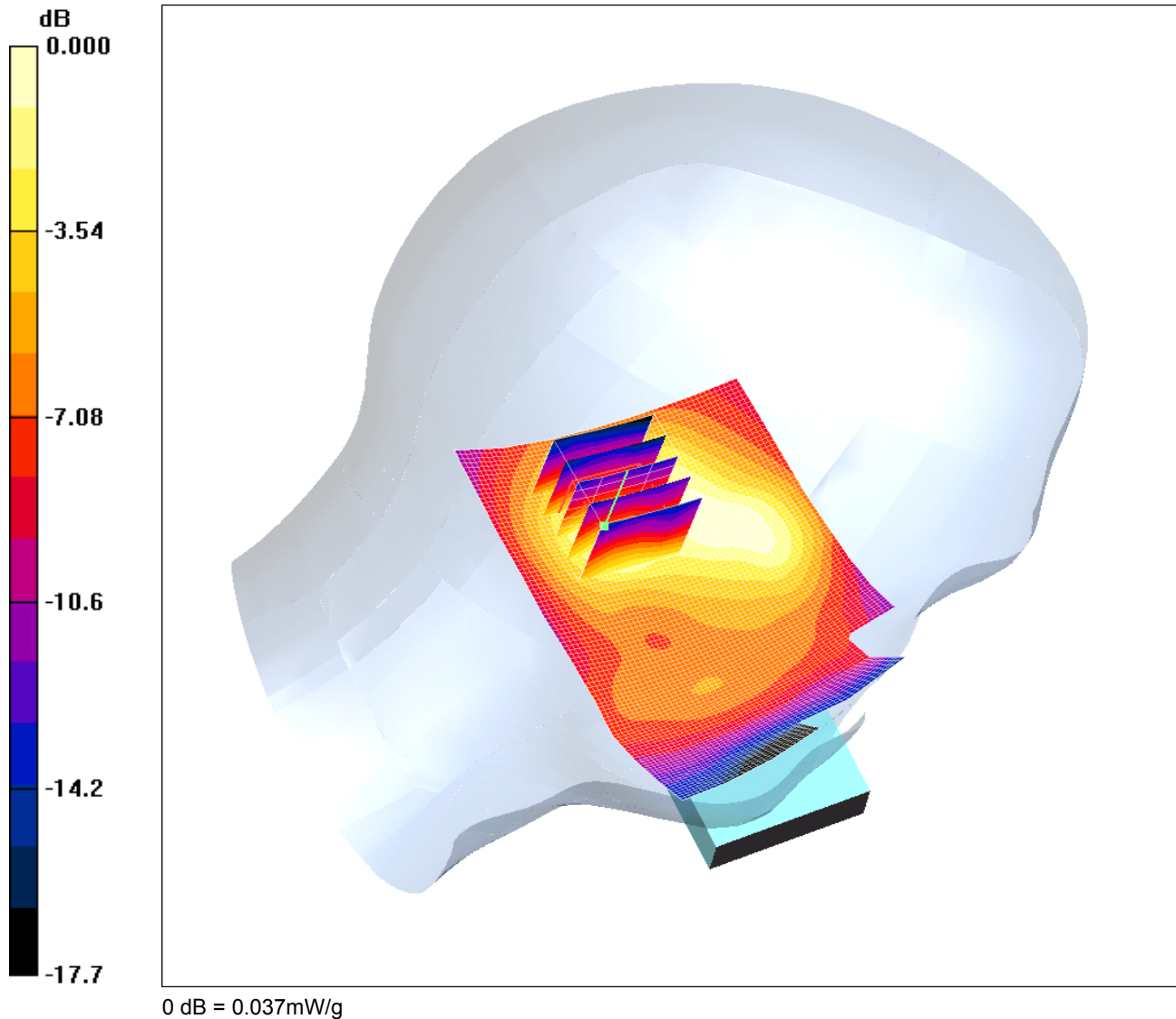Maximum value of SAR (measured) = 0.332 mW/g

Test of: TUV Product Services Ltd
     TAGHeuer TH01M

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

SCN/73564JD01/006: Tilt Left PCS CH660
Date: 03/06/2008
DUT: TAGHeuer; Type: TH01M; Serial: 019358009804000506

0 dB = 0.037mW/g

Communication System: PCS 1900; Frequency: 1879.8 MHz;Duty Cycle: 1:8.3
Medium: 1900 MHz HSL Medium parameters used (interpolated): f = 1879.8 MHz; σ = 1.35 mho/m; ε_r = 38.7; ρ = 1000 kg/m^3
Phantom section: Left 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 Sn450; Calibrated: 13/06/2007
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Tilt Left - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.038 mW/g
Tilt Left - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.14 V/m; Power Drift = -0.153 dB
Peak SAR (extrapolated) = 0.054 W/kg
SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.019 mW/g
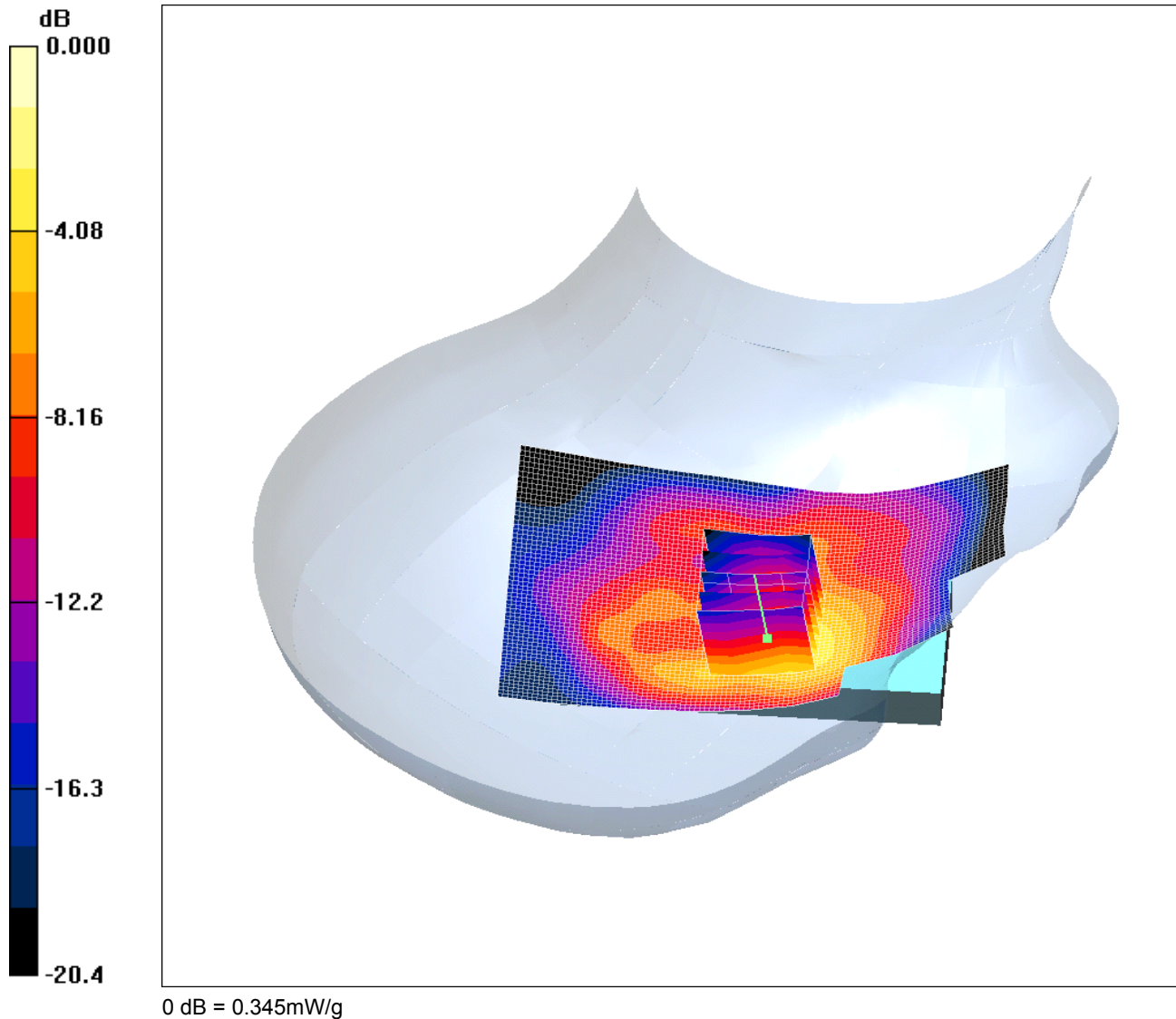Maximum value of SAR (measured) = 0.037 mW/g

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

SCN/73564JD01/007: Touch Right PCS CH660
Date: 03/06/2008
DUT: TAGHeuer; Type: TH01M; Serial: 019358009804000506

0 dB = 0.345mW/g

Communication System: PCS 1900; Frequency: 1879.8 MHz;Duty Cycle: 1:8.3
Medium: 1900 MHz HSL Medium parameters used (interpolated): f = 1879.8 MHz; σ = 1.35 mho/m; ε_r = 38.7; ρ = 1000 kg/m^3
Phantom section: Right 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 Sn450; Calibrated: 13/06/2007
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Touch Left - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.289 mW/g
Touch Left - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.33 V/m; Power Drift = 0.396 dB
Peak SAR (extrapolated) = 0.529 W/kg
SAR(1 g) = 0.284 mW/g; SAR(10 g) = 0.145 mW/g
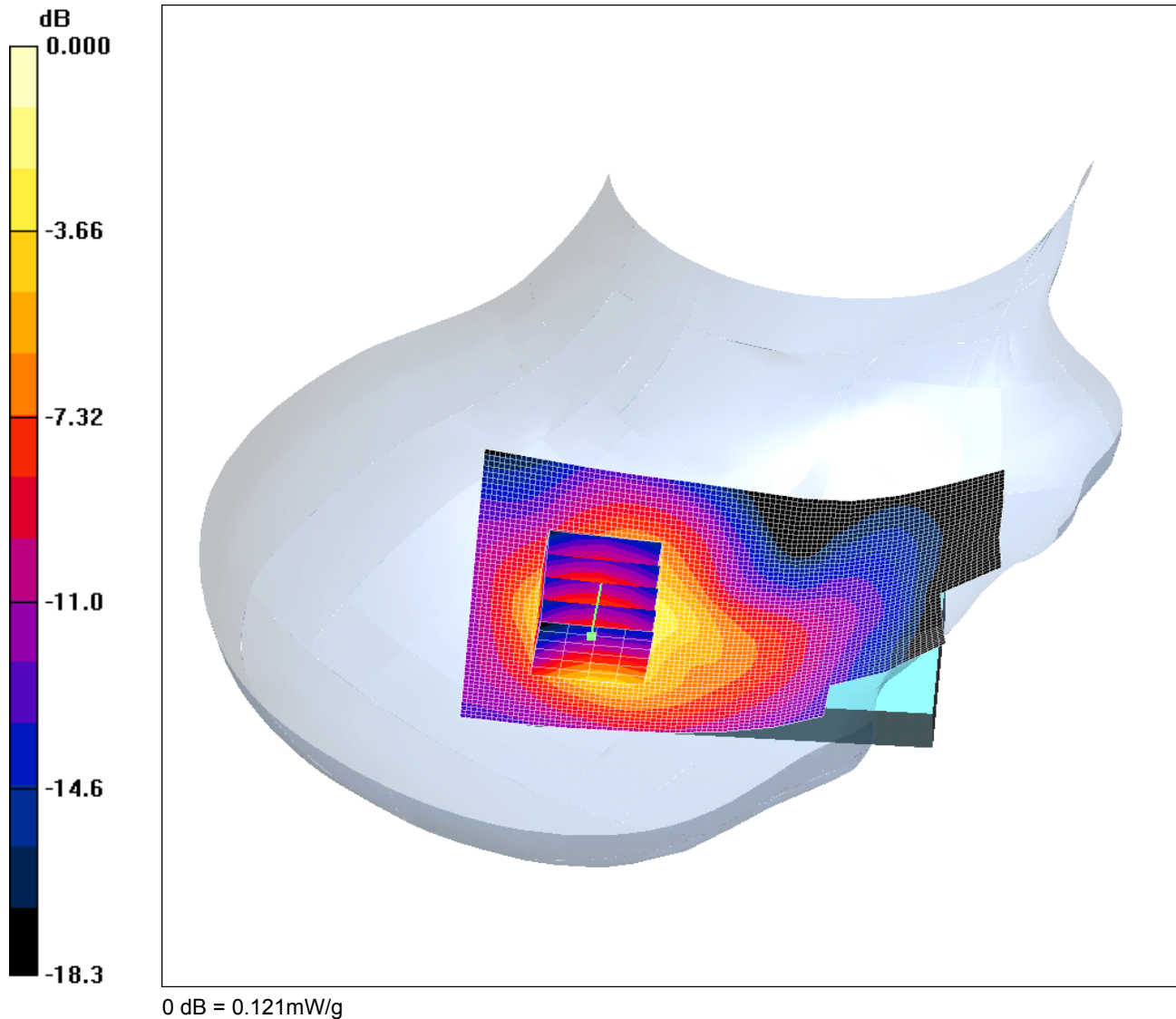Maximum value of SAR (measured) = 0.345 mW/g

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

SCN/73564JD01/008: Tilt Right PCS CH660
Date: 03/06/2008
DUT: TAGHeuer; Type: TH01M; Serial: 019358009804000506

0 dB = 0.121mW/g

Communication System: PCS 1900; Frequency: 1879.8 MHz;Duty Cycle: 1:8.3
Medium: 1900 MHz HSL Medium parameters used (interpolated): f = 1879.8 MHz; σ = 1.35 mho/m; ε_r = 38.7; ρ = 1000 kg/m^3
Phantom section: Right 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 Sn450; Calibrated: 13/06/2007
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Tilt Left - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.134 mW/g
Tilt Left - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.72 V/m; Power Drift = 0.166 dB
Peak SAR (extrapolated) = 0.171 W/kg
SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.060 mW/g
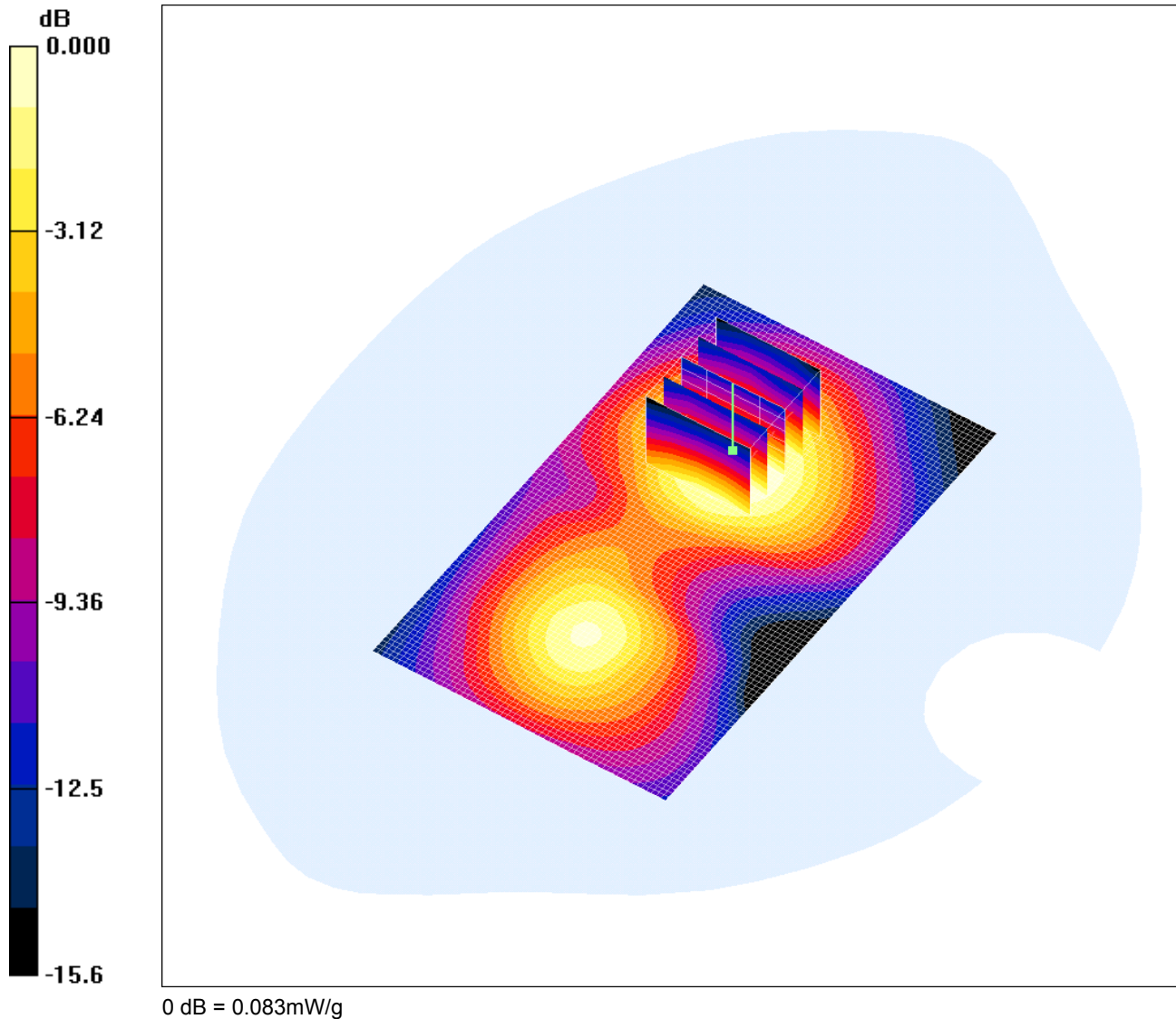Maximum value of SAR (measured) = 0.121 mW/g

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

SCN/73564JD01/009: Front of EUT Facing Phantom PCS CH660
Date: 03/06/2008
DUT: TAGHeuer; Type: TH01M; Serial: 019358009804000506

0 dB = 0.083mW/g

Communication System: PCS 1900; Frequency: 1879.8 MHz;Duty Cycle: 1:8.3
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1879.8 MHz; σ = 1.55 mho/m; ε_r = 52; ρ = 1000 kg/m^3
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 Sn450; Calibrated: 13/06/2007
- 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 - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.087 mW/g
Front of EUT - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.78 V/m; Power Drift = -0.076 dB
Peak SAR (extrapolated) = 0.117 W/kg
SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.047 mW/g
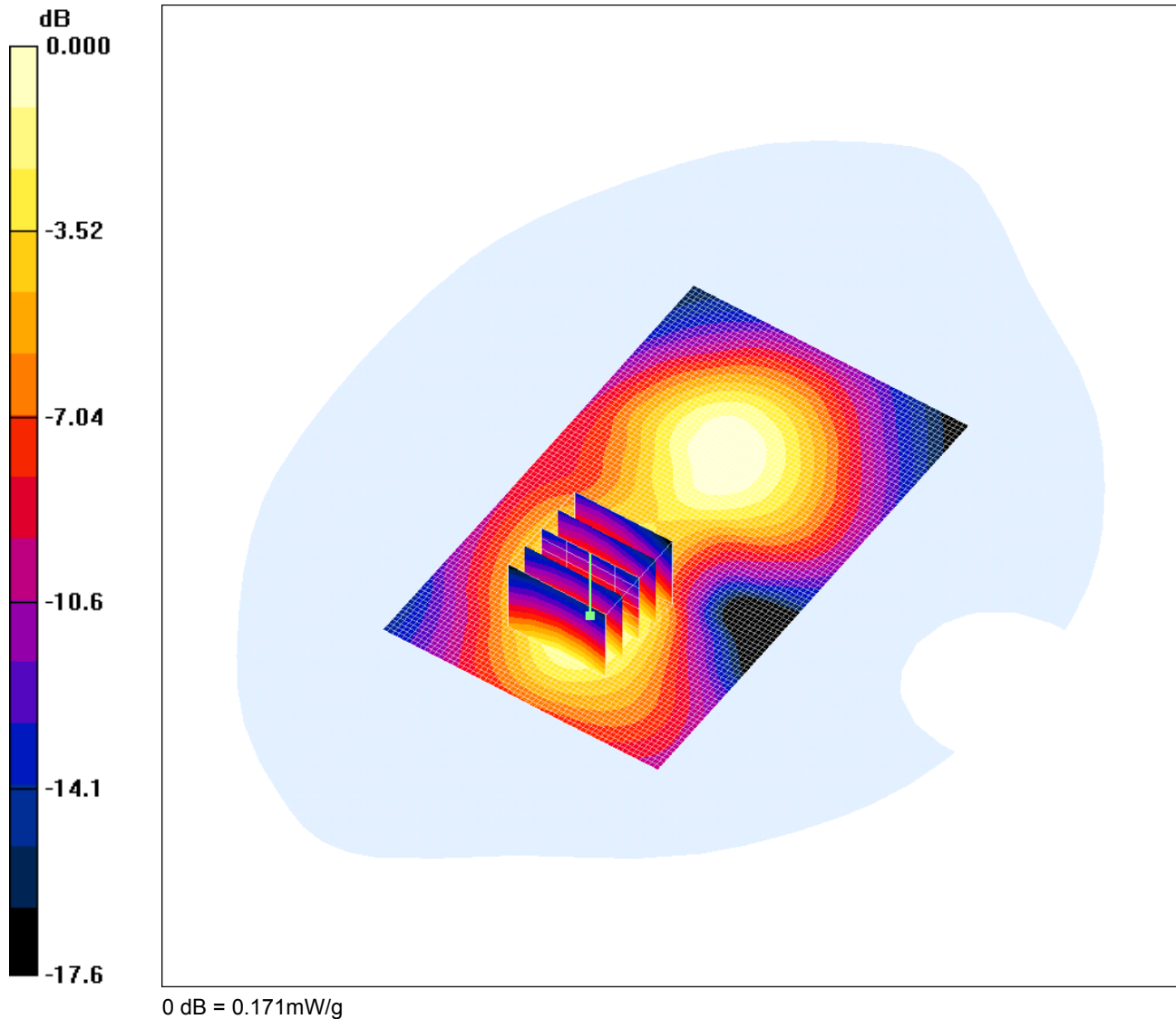Maximum value of SAR (measured) = 0.083 mW/g

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

SCN/73564JD01/010: Front of EUT Facing Phantom GPRS CH660
Date: 03/06/2008
DUT: TAGHeuer; Type: TH01M; Serial: 019358009804000506

0 dB = 0.171mW/g

Communication System: GPRS 1900; Frequency: 1879.8 MHz;Duty Cycle: 1:4
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1879.8 MHz; σ = 1.55 mho/m; ε_r = 52; ρ = 1000 kg/m^3
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 Sn450; Calibrated: 13/06/2007
- 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 - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.181 mW/g
Front of EUT - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.83 V/m; Power Drift = -0.111 dB
Peak SAR (extrapolated) = 0.251 W/kg
SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.090 mW/g
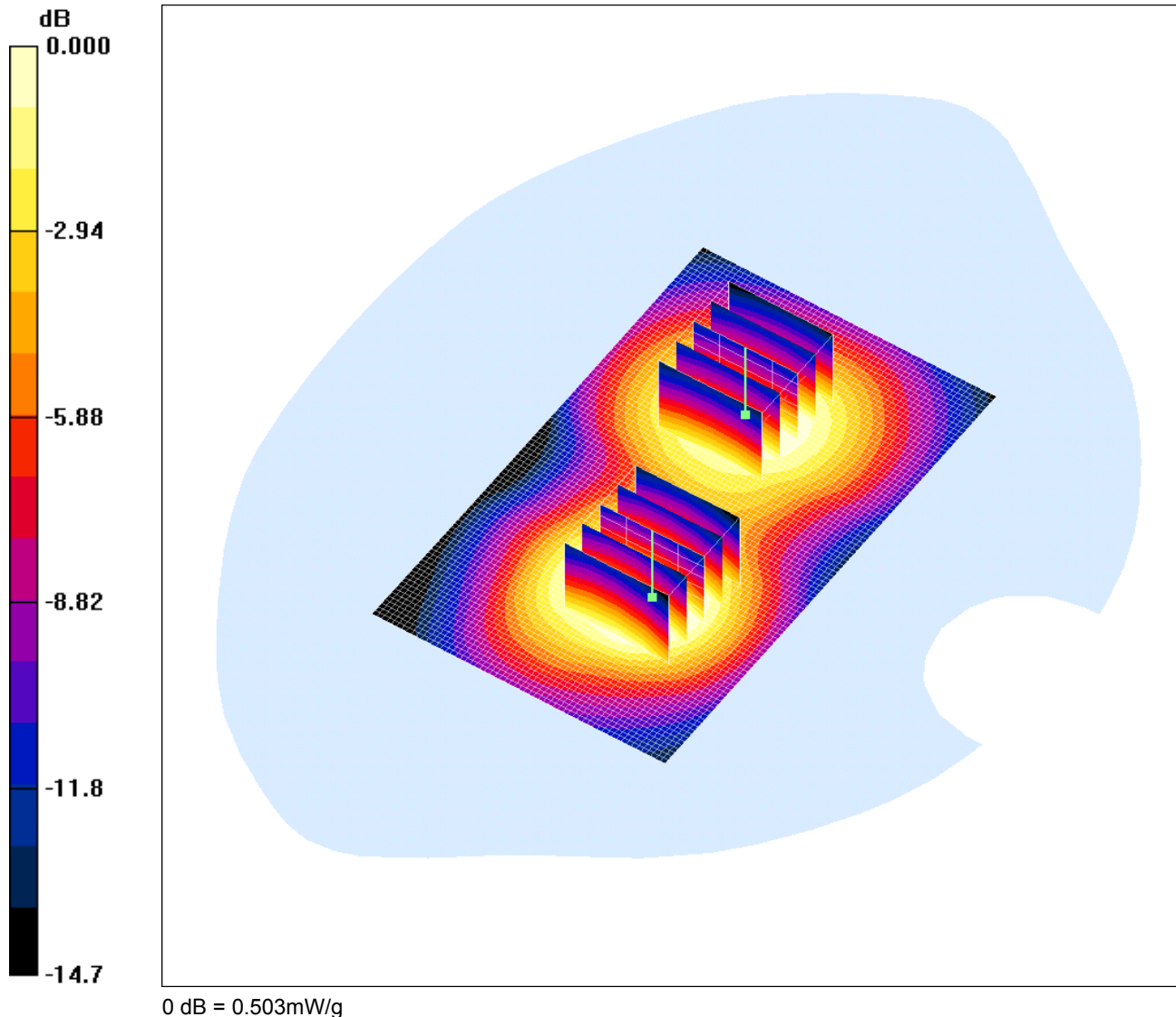Maximum value of SAR (measured) = 0.171 mW/g

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

SCN/73564JD01/011: Rear of EUT Facing Phantom GPRS CH660
Date: 03/06/2008
DUT: TAGHeuer; Type: TH01M; Serial: 019358009804000506

0 dB = 0.503mW/g

Communication System: GPRS 1900; Frequency: 1879.8 MHz;Duty Cycle: 1:4
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1879.8 MHz; σ = 1.55 mho/m; ε_r = 52; ρ = 1000 kg/m^3
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 Sn450; Calibrated: 13/06/2007
- 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 - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.809 mW/g
Rear of EUT - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.6 V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.689 mW/g; SAR(10 g) = 0.404 mW/g
Maximum value of SAR (measured) = 0.766 mW/g

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

Rear of EUT - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.6 V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 0.675 W/kg
SAR(1 g) = 0.466 mW/g; SAR(10 g) = 0.296 mW/g
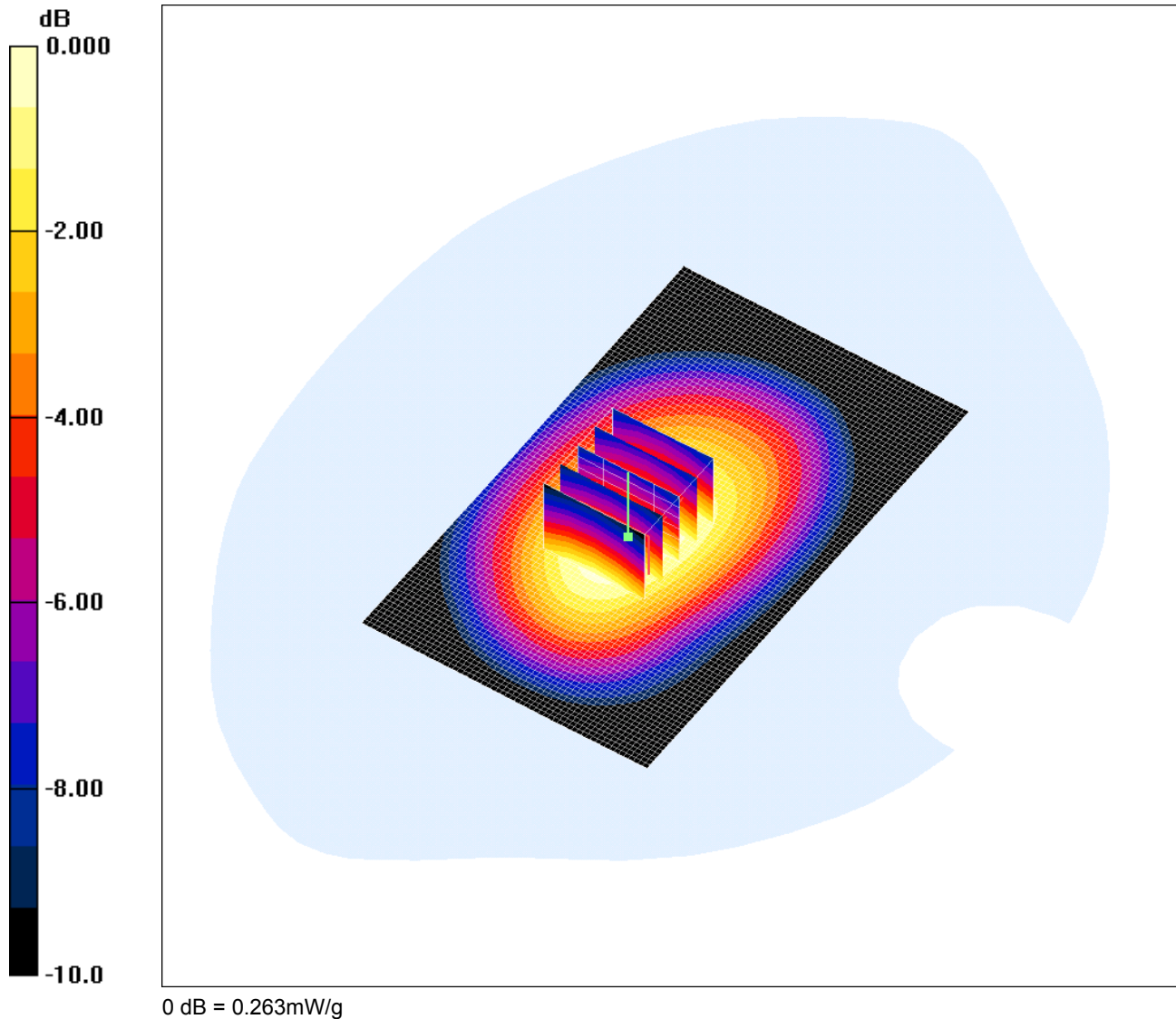Maximum value of SAR (measured) = 0.503 mW/g

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

SCN/73564JD01/012: Front of EUT Facing Phantom PCS CH189
Date: 03/06/2008
DUT: TAGHeuer; Type: TH01M; Serial: 019358009804000506

0 dB = 0.263mW/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; σ = 0.97 mho/m; ε_r = 53.3; ρ = 1000 kg/m^3
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 Sn450; Calibrated: 13/06/2007
- 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 - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.266 mW/g
Front of EUT - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.2 V/m; Power Drift = -0.049 dB
Peak SAR (extrapolated) = 0.321 W/kg
SAR(1 g) = 0.246 mW/g; SAR(10 g) = 0.177 mW/g
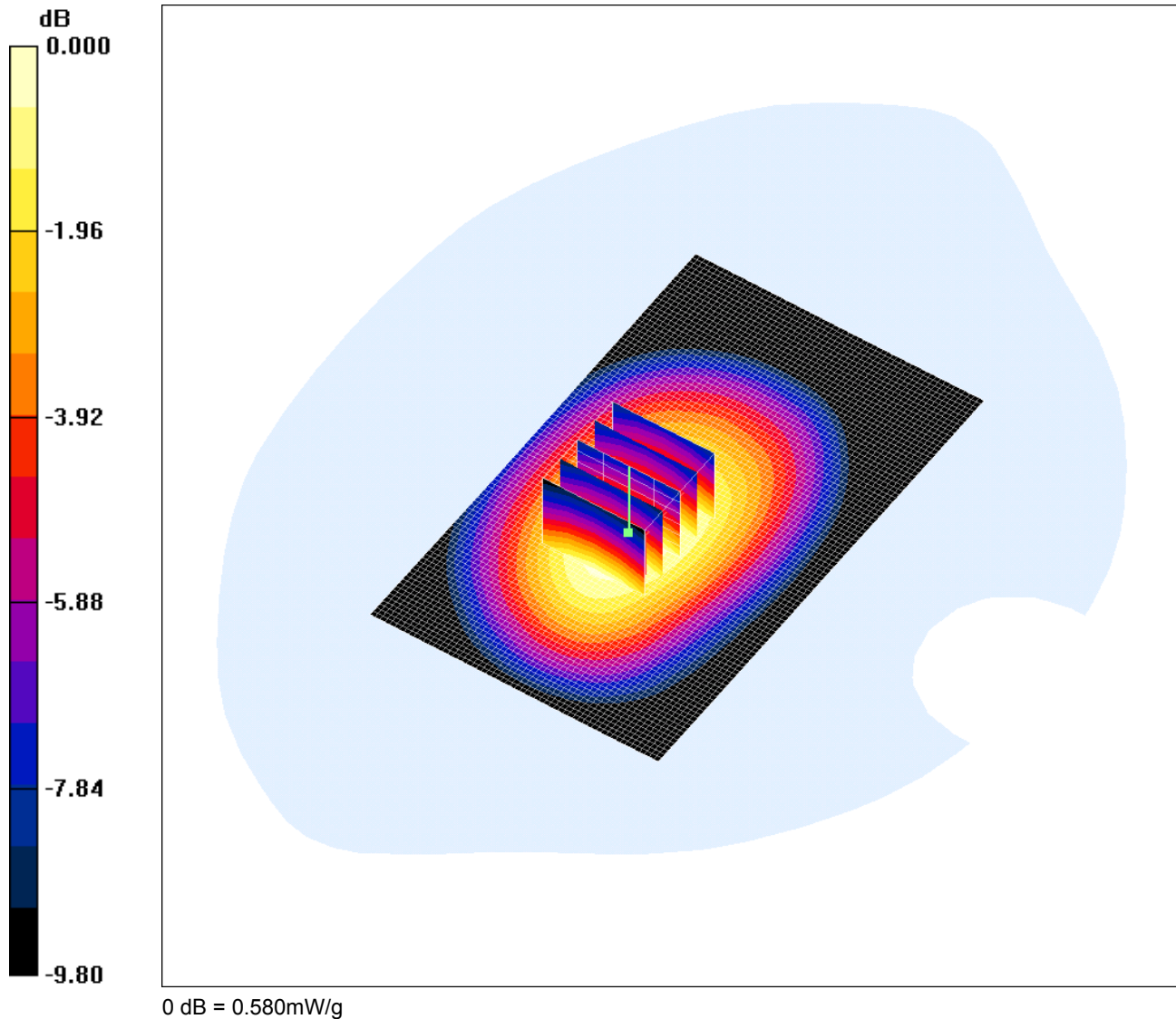Maximum value of SAR (measured) = 0.263 mW/g

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

SCN/73564JD01/013: Front of EUT Facing Phantom GPRS CH189
Date: 03/06/2008
DUT: TAGHeuer; Type: TH01M; Serial: 019358009804000506

0 dB = 0.580mW/g

Communication System: GPRS 850 MHz; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.97 mho/m; ε_r = 53.3; ρ = 1000 kg/m^3
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 Sn450; Calibrated: 13/06/2007
- 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 - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.581 mW/g
Front of EUT - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.1 V/m; Power Drift = -0.023 dB
Peak SAR (extrapolated) = 0.716 W/kg
SAR(1 g) = 0.546 mW/g; SAR(10 g) = 0.390 mW/g
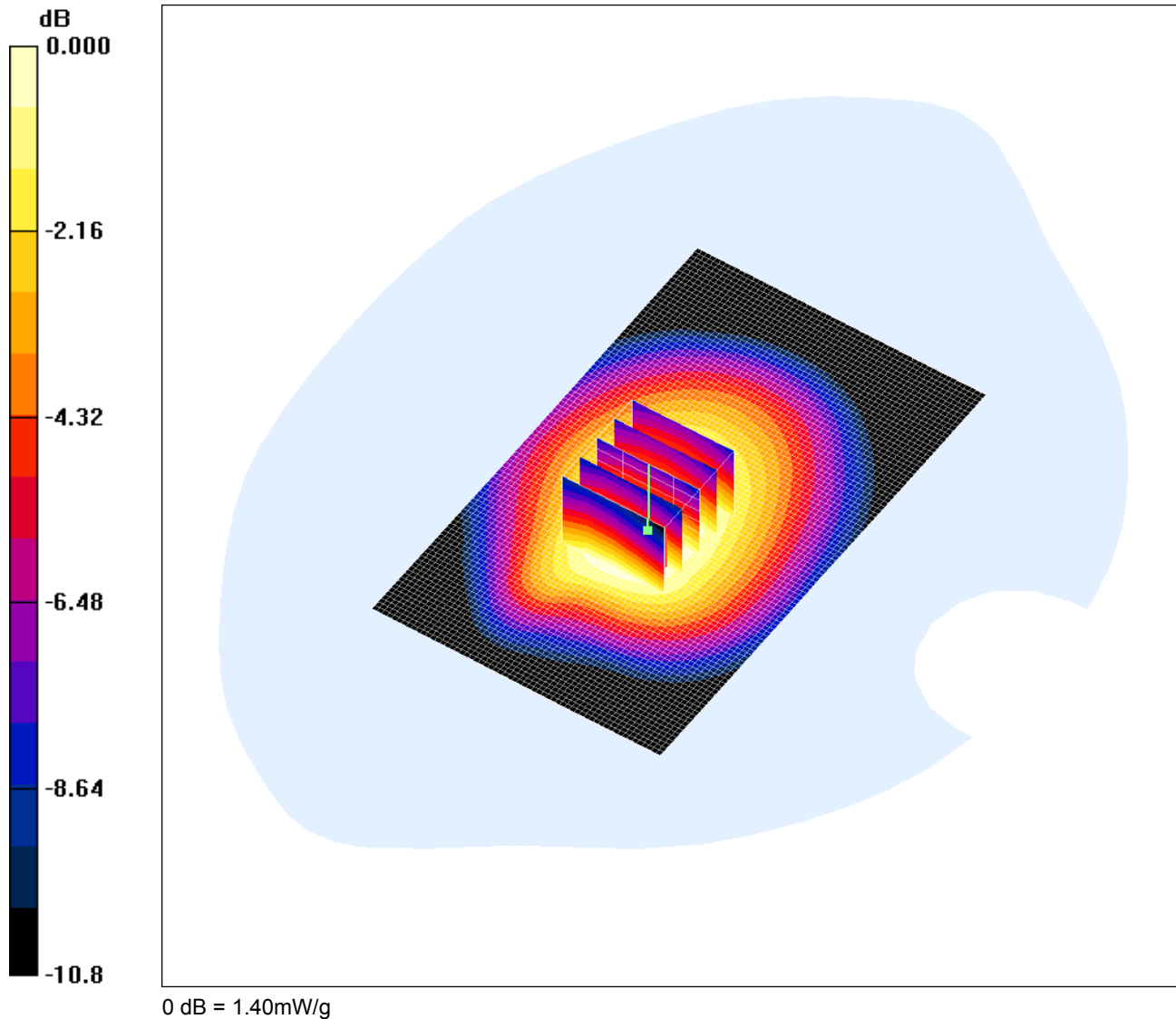Maximum value of SAR (measured) = 0.580 mW/g

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

SCN/73564JD01/014: Rear of EUT Facing Phantom GPRS CH189
Date: 03/06/2008
DUT: TAGHeuer; Type: TH01M; Serial: 019358009804000506

0 dB = 1.40mW/g

Communication System: GPRS 850 MHz; Frequency: 836.4 MHz; Duty Cycle: 1:4
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.97 mho/m; ε_r = 53.3; ρ = 1000 kg/m^3
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 Sn450; Calibrated: 13/06/2007
- 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 - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.43 mW/g
Rear of EUT - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 37.9 V/m; Power Drift = -0.060 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 1.33 mW/g; SAR(10 g) = 0.968 mW/g
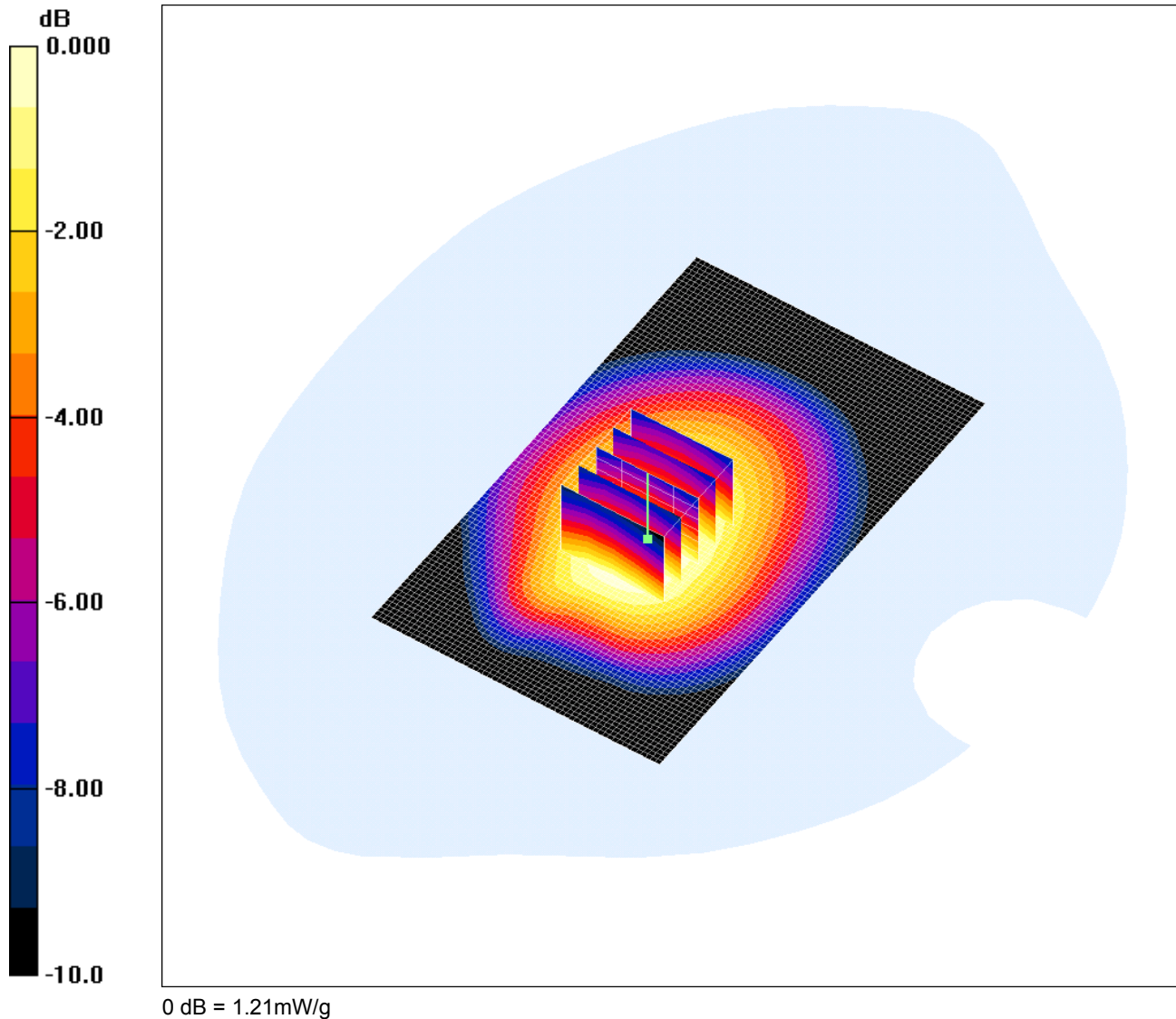Maximum value of SAR (measured) = 1.40 mW/g

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

SCN/73564JD01/015: Rear of EUT Facing Phantom GPRS CH975
Date: 03/06/2008
DUT: TAGHeuer; Type: TH01M; Serial: 019358009804000506

0 dB = 1.21mW/g

Communication System: GPRS 850 MHz; Frequency: 824.2 MHz;Duty Cycle: 1:4
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.956 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
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 Sn450; Calibrated: 13/06/2007
- 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 - Low/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.20 mW/g
Rear of EUT - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.7 V/m; Power Drift = -0.004 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.836 mW/g
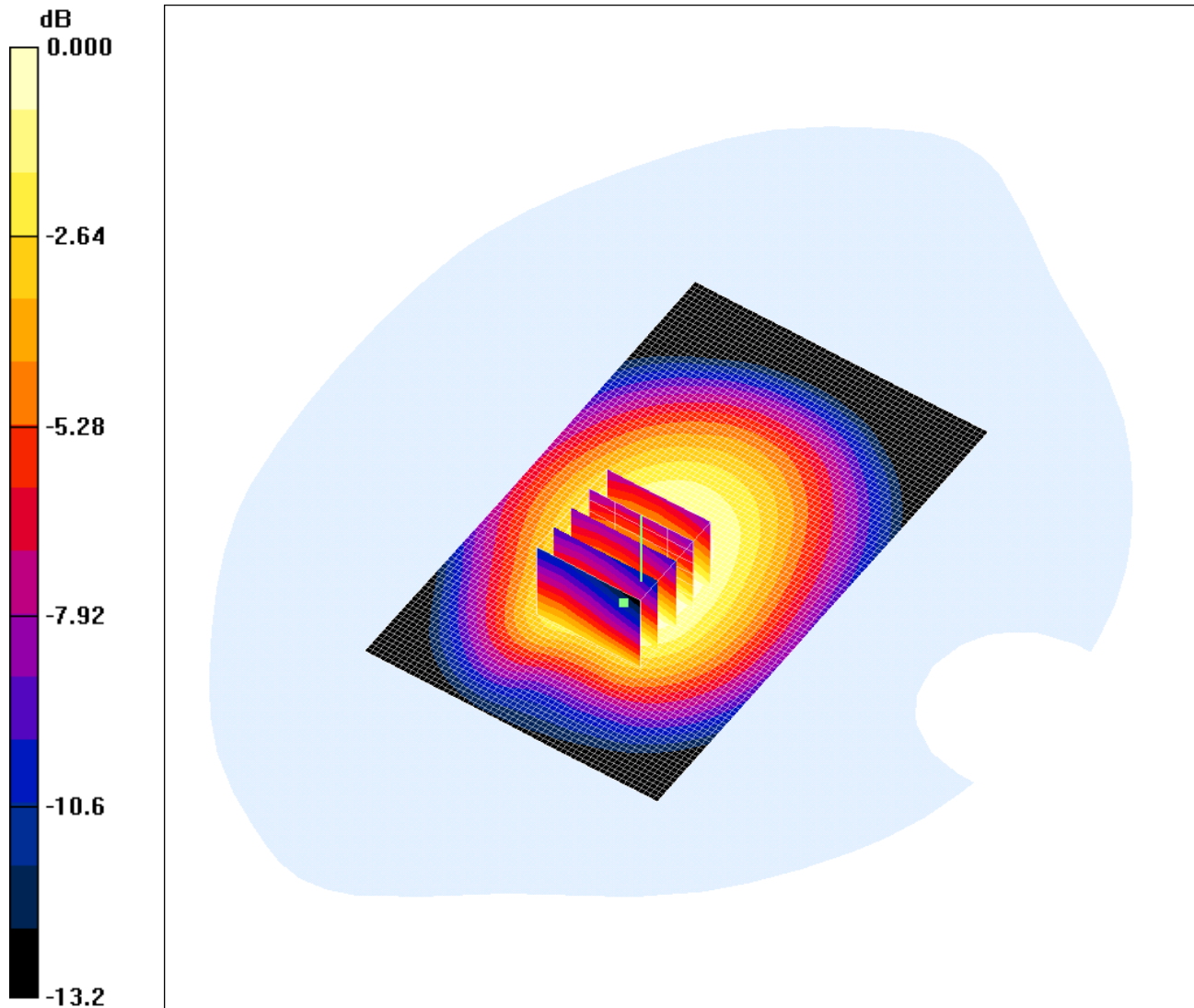Maximum value of SAR (measured) = 1.21 mW/g

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

SCN/73564JD01/016: Rear of EUT Facing Phantom GPRS CH124
Date: 03/06/2008
DUT: TAGHeuer; Type: TH01M; Serial: 019358009804000506

0 dB = 1.31mW/g

Communication System: GPRS 850 MHz; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.984 mho/m; ε_r = 53.2; ρ = 1000 kg/m^3
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 Sn450; Calibrated: 13/06/2007
- 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 - High/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.34 mW/g
Rear of EUT - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 36.0 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 1.68 W/kg
SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.888 mW/g
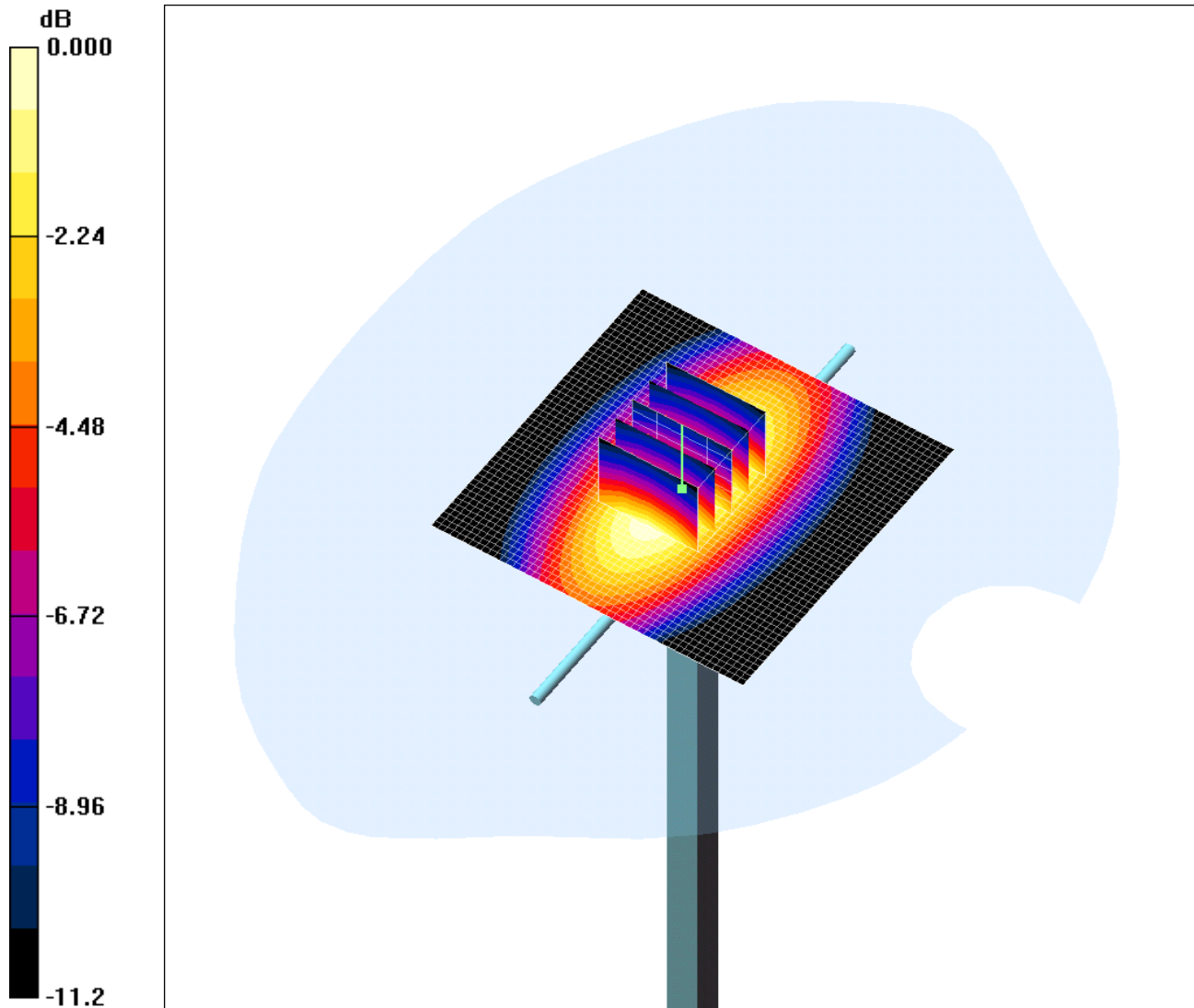. Maximum value of SAR (measured) = 1.31 mW/g

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

SCN/73564JD01/017: System Performance Check 900MHz Head 02 06 08
Date: 02/06/2008
DUT: Dipole 900 MHz; Type: D900V2; Serial: D900V2 - SN:124

0 dB = 2.88mW/g

Communication System: CW; Frequency: 900 MHz;Duty Cycle: 1:1
Medium: 900 MHz HSL Medium parameters used: f = 900 MHz; σ = 0.934 mho/m; ε_r = 41; ρ = 1000 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 Sn450; Calibrated: 13/06/2007
- 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) = 2.92 mW/g
d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 57.1 V/m; Power Drift = -0.007 dB
Peak SAR (extrapolated) = 3.95 W/kg
SAR(1 g) = 2.64 mW/g; SAR(10 g) = 1.7 mW/g
Maximum value of SAR (measured) = 2.88 mW/g

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

SCN/73564JD01/018: System Performance Check 900MHz Body 03 06 08
Date: 03/06/2008
DUT: Dipole 900 MHz; Type: D900V2; Serial: SN185

0 dB = 2.85mW/g

Communication System: CW; Frequency: 900 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used: f = 900 MHz; σ = 1.02 mho/m; ε_r = 52.8; ρ = 1000 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 Sn450; Calibrated: 13/06/2007
- 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) = 2.95 mW/g
d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 54.9 V/m; Power Drift = 0.020 dB
Peak SAR (extrapolated) = 3.79 W/kg
SAR(1 g) = 2.62 mW/g; SAR(10 g) = 1.7 mW/g
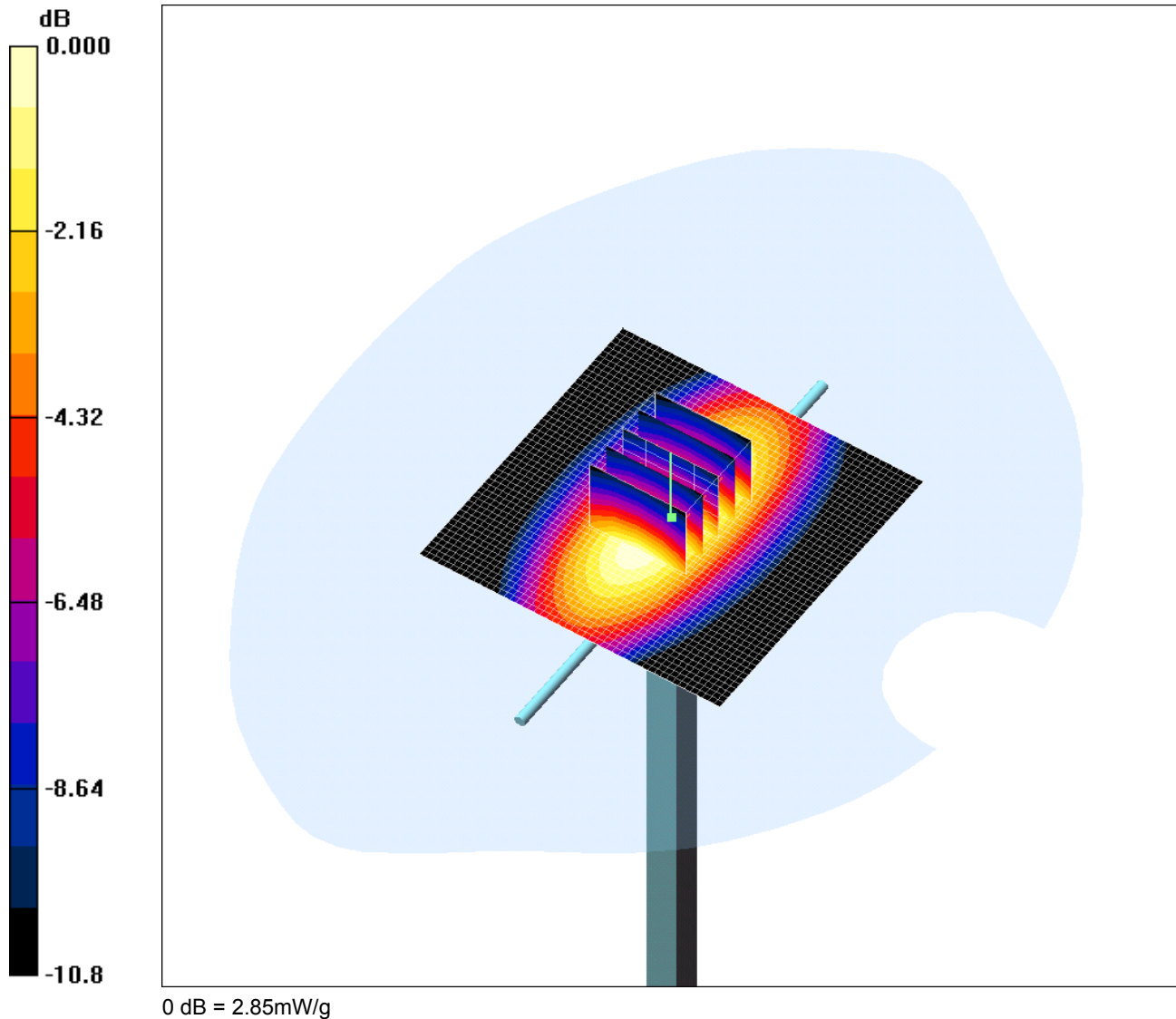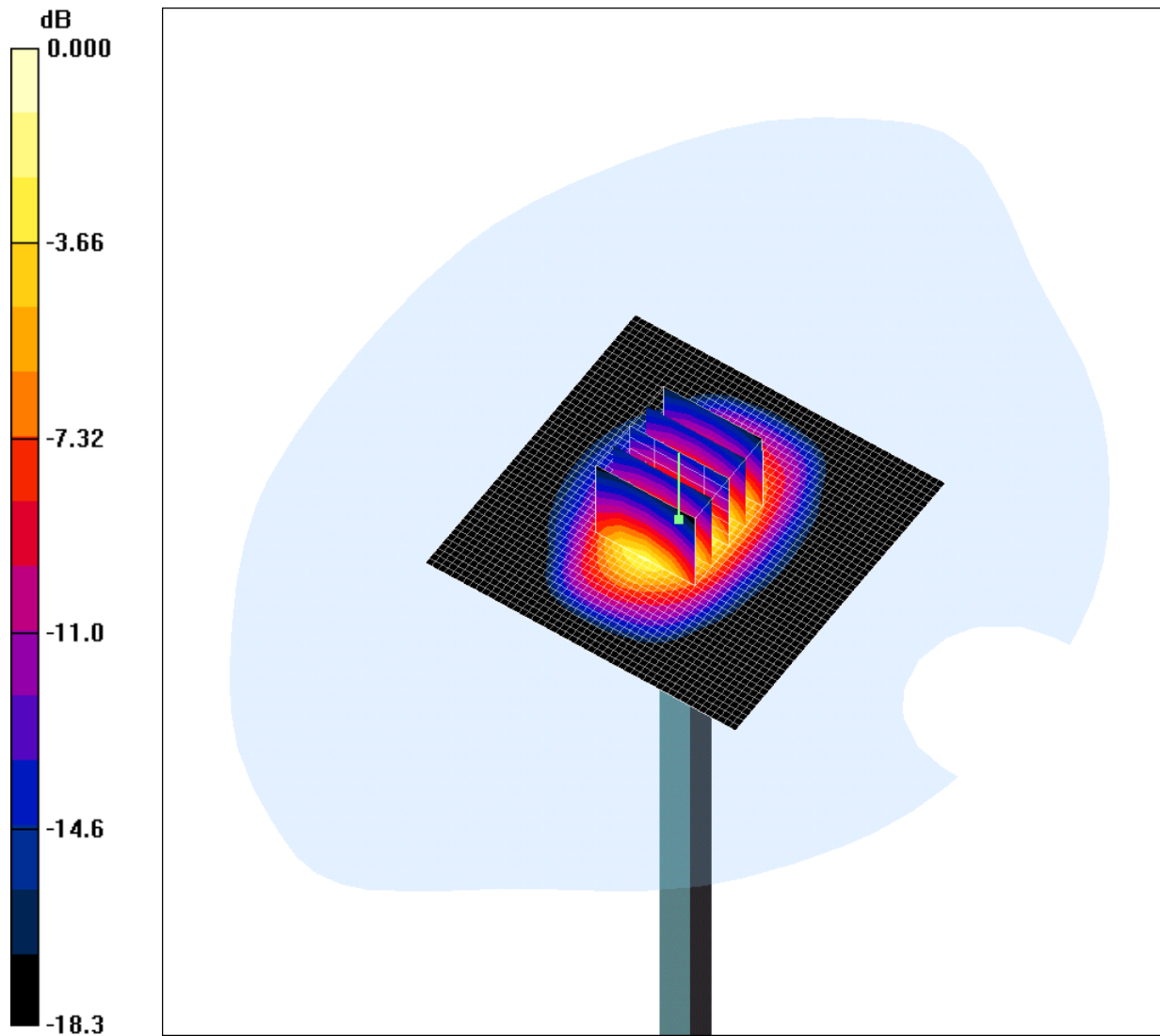Maximum value of SAR (measured) = 2.85 mW/g

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

SCN/73564JD01/019: System Performance Check 1900MHz Head 03 06 08
Date: 03/06/2008
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; σ = 1.37 mho/m; ε_r = 38.6; ρ = 1000 kg/m^3
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 Sn450; Calibrated: 13/06/2007
- 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 2/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 14.3 mW/g
d=15mm, Pin=250mW 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 91.3 V/m; Power Drift = 0.057 dB
Peak SAR (extrapolated) = 16.0 W/kg
SAR(1 g) = 9.28 mW/g; SAR(10 g) = 4.85 mW/g
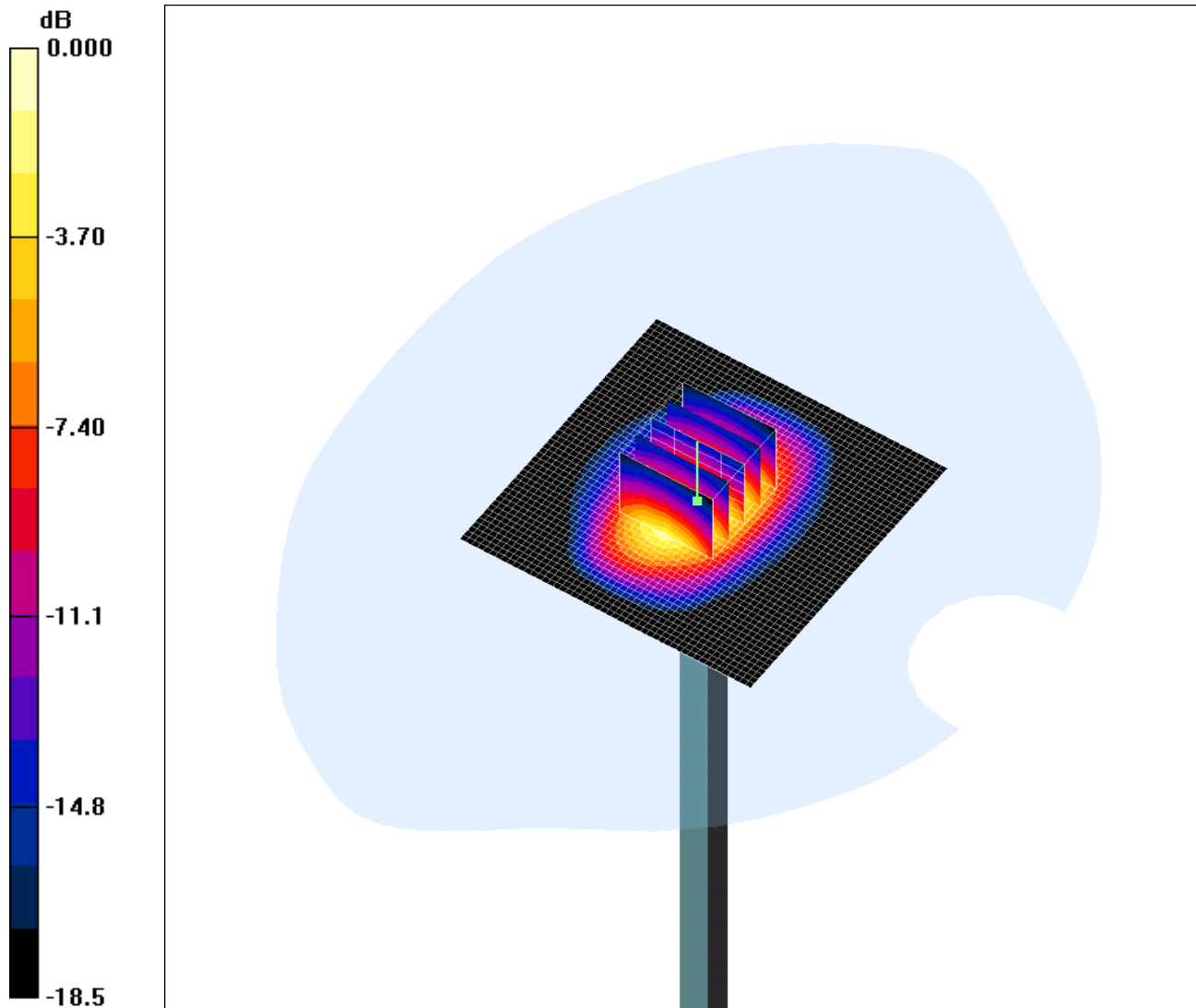Maximum value of SAR (measured) = 10.5 mW/g

Test of: TUV Product Services Ltd
       TAGHeuer TH01M

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

SCN/73564JD01/020: System Performance Check 1900MHz Body 03 06 08
Date: 03/06/2008
DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN540

0 dB = 11.0mW/g

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: 1900 MHz MSL Medium parameters used: f = 1900 MHz; σ = 1.57 mho/m; ε_r = 52; ρ = 1000 kg/m^3
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 Sn450; Calibrated: 13/06/2007
- 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) = 14.7 mW/g
d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 87.2 V/m; Power Drift = 0.015 dB
Peak SAR (extrapolated) = 16.8 W/kg
SAR(1 g) = 9.65 mW/g; SAR(10 g) = 5 mW/g
Maximum value of SAR (measured) = 11.0 mW/g

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

Appendix 4. Photographs

This appendix contains the following photographs:

Photo Reference Number	Title
PHT/73564JD01/001	Test configuration for the measurement of Specific Absorption Rate (SAR)
PHT/73564JD01/002	Touch Left
PHT/73564JD01/003	Tilt Left
PHT/73564JD01/004	Touch Right
PHT/73564JD01/005	Tilt Right
PHT/73564JD01/006	Front of EUT Facing Phantom
PHT/73564JD01/007	Rear of EUT Facing Phantom
PHT/73564JD01/008	Front of EUT
PHT/73564JD01/009	Rear of EUT
PHT/73564JD01/010	Internal View of EUT
PHT/73564JD01/011	Battery View
PHT/73564JD01/012	Charger View
PHT/73564JD01/013	850 MHz Body Simulating Liquid
PHT/73564JD01/014	850 MHz Brain Simulating Liquid
PHT/73564JD01/015	1900 MHz Body Simulating Liquid
PHT/73564JD01/016	1900 MHz Brain Simulating Liquid

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

PHT/73564JD01/01: Test configuration for the measurement of Specific Absorption Rate (SAR)

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

PHT/73564JD01/02: Touch Left

Test of: **TUV Product Services Ltd**
  TAGHeuer TH01M

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

PHT/73564JD01/03: Tilt Left

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

PHT/73564JD01/04: Touch Right

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

PHT/73564JD01/05: Tilt Right

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

PHT/73564JD01/06: Front of EUT Facing Phantom

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

PHT/73564JD01/07: Rear of EUT Facing Phantom

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

PHT/73564JD01/08: Front of EUT

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

PHT/73564JD01/09: Rear of EUT

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

PHT/73564JD01/010: Internal View of EUT

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

PHT/73564JD01/011: Battery View

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

PHT/73564JD01/012: Charger View

Test of: **TUV Product Services Ltd**
TAGHeuer TH01M

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

PHT/73564JD01/013: 850 MHz Body Simulating Liquid

Test of: **TUV Product Services Ltd**
TAGHeuer TH01M

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

PHT/73564JD01/014: 850 MHz Brain Simulating Liquid

Test of: TUV Product Services Ltd
TAGHeuer TH01M

To: **OET Bulletin 65 Supplement C: (2001-01)**
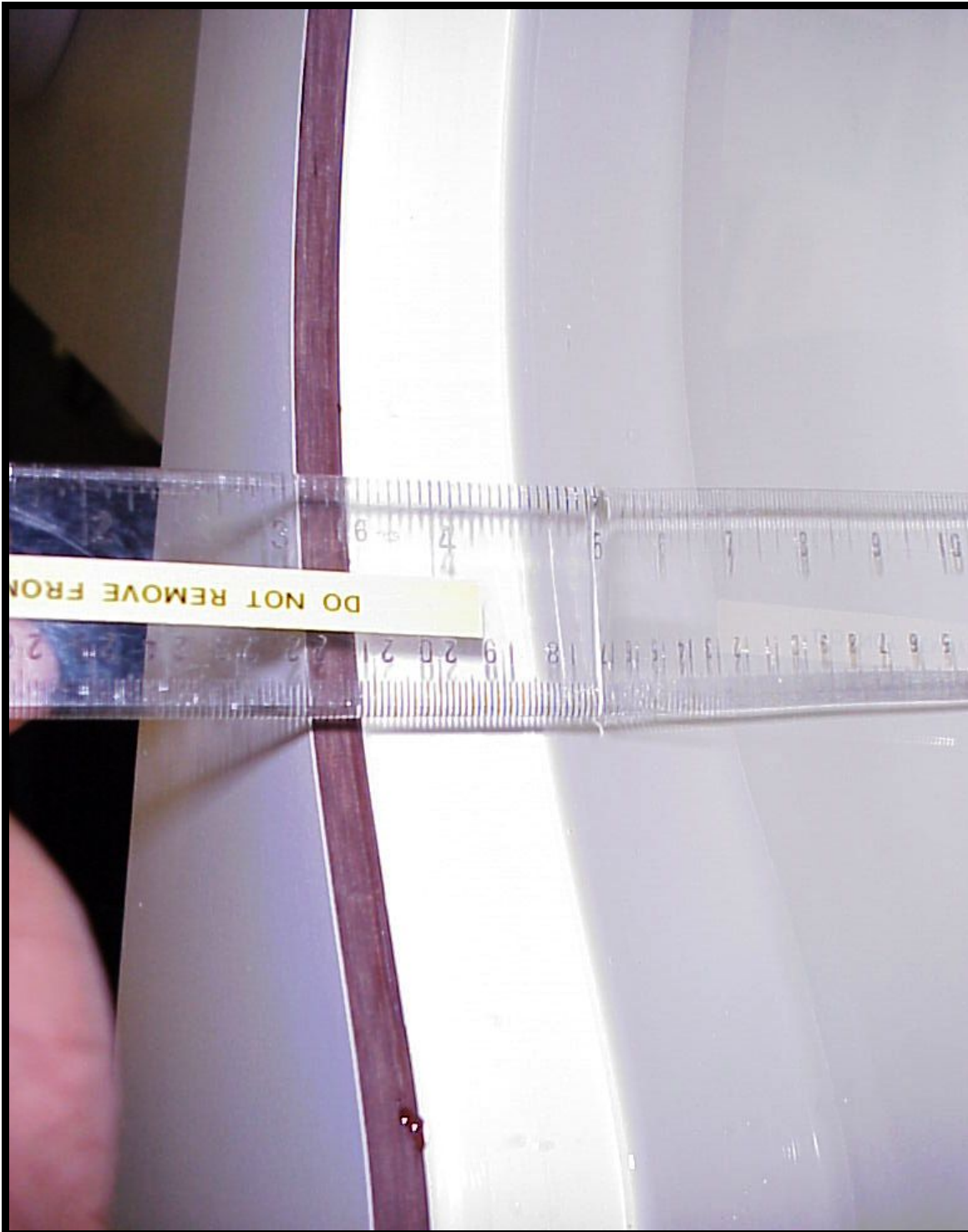
PHT/73564JD01/015: 1900 MHz Body Simulating Liquid

Test of: TUV Product Services Ltd
TAGHeuer TH01M

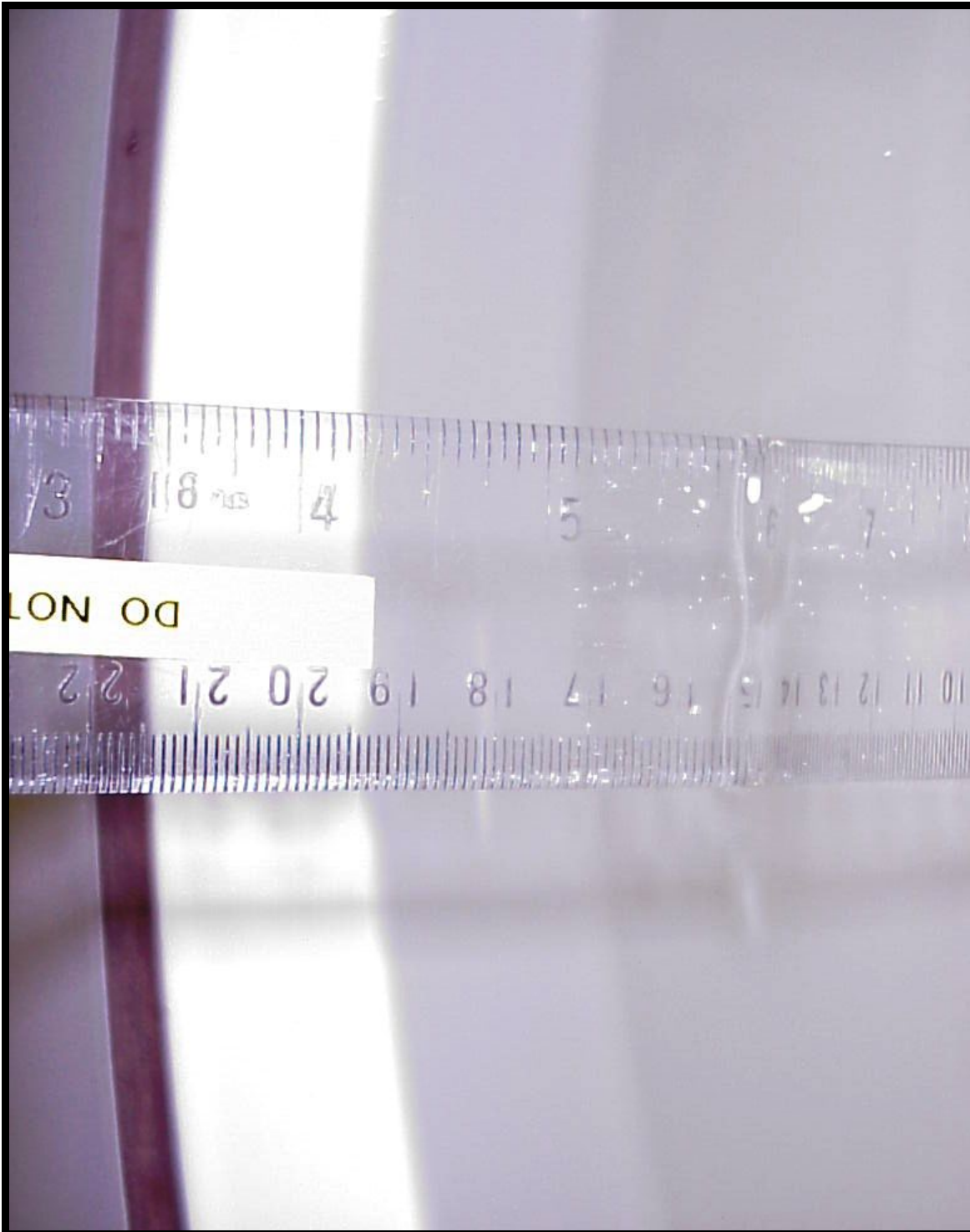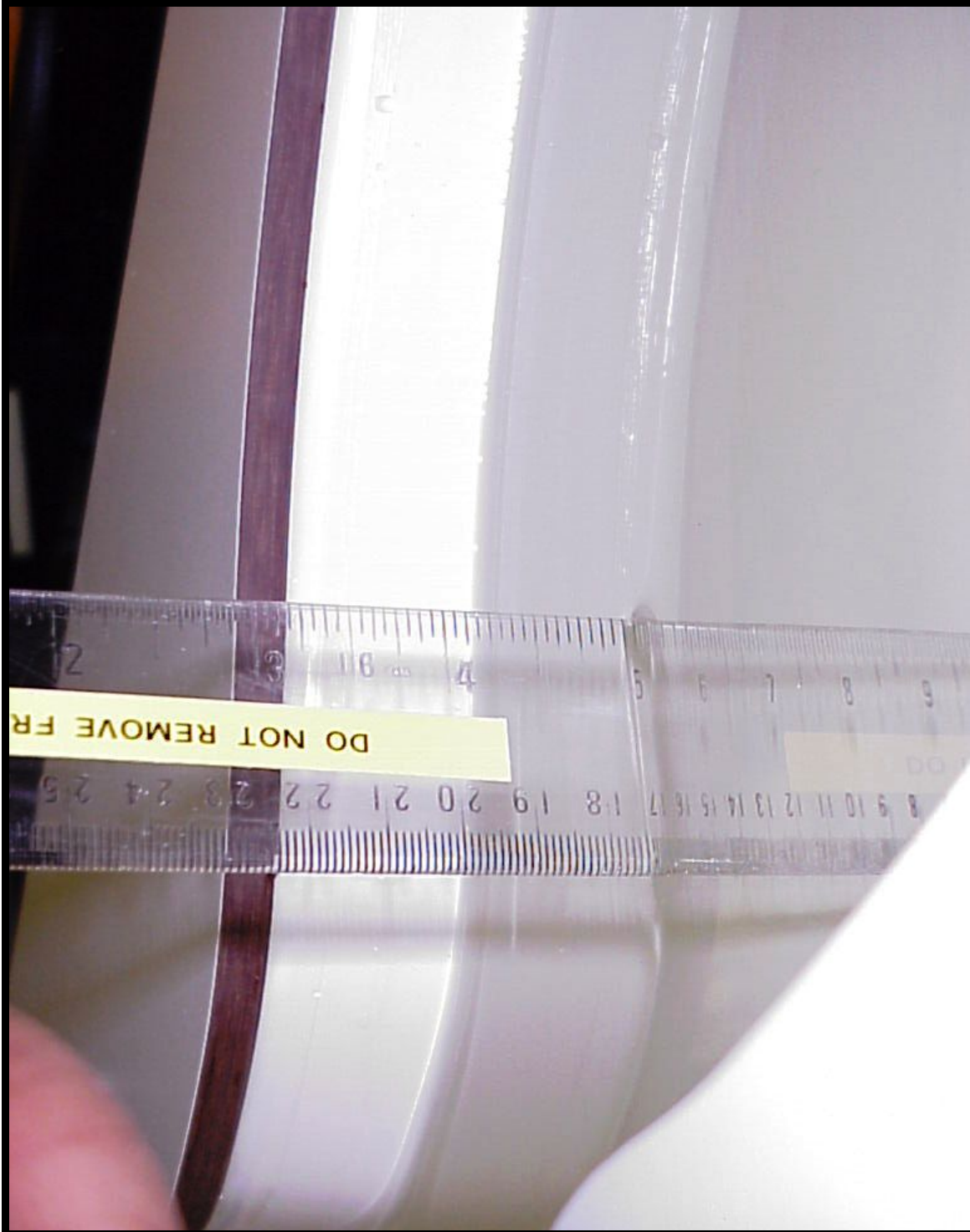**To: OET Bulletin 65 Supplement C: (2001-01)**

PHT/73564JD01/016: 1900 MHz Brain Simulating Liquid

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

Appendix 5. Validation of System

Prior to the assessment, the system was verified in the flat region of the phantom.
A 900 MHz and 1900 MHz dipole were used. A forward power of 250 mW was applied to the dipole and the system was verified to a tolerance of ±5% for the 900 MHz and 1900 MHz dipole. The applicable verification (normalised to 1 Watt).

Date: 02/06/2008

Validation Dipole and Serial Number: D900V2 SN:124

Simulant	Frequency (MHz)	Room Temperature	Liquid Temperature	Parameters	Target Value	Measured Value	Deviation (%)	Limit (%)
Head	900	23.0 ºC	23.5 ºC	ε_r	41.50	40.97	-1.28	5.00
				σ	0.97	0.93	-3.82	5.00
				1g SAR	10.60	10.56	-0.38	5.00
				10g SAR	6.84	6.80	-0.58	5.00

Date: 03/06/2008

Validation Dipole and Serial Number: D1900V2:SN:540

Simulant	Frequency (MHz)	Room Temperature	Liquid Temperature	Parameters	Target Value	Measured Value	Deviation (%)	Limit (%)
Head	1900	23.0 ºC	23.5 ºC	ε_r	40.0	38.59	-3.51	5.00
				σ	1.40	1.37	-2.06	5.00
				1g SAR	36.10	37.12	2.83	5.00
				10g SAR	19.30	19.40	0.52	5.00

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

Date: 03/06/2008

Validation Dipole and Serial Number: D1900V2:SN:540

Simulant	Frequency (MHz)	Room Temperature	Liquid Temperature	Parameters	Target Value	Measured Value	Deviation (%)	Limit (%)
Body	1900	23.0 ºC	24.0 ºC	ε_r	53.30	51.99	-1.84	5.00
				σ	1.52	1.57	3.48	5.00
				1g SAR	38.00	38.60	1.58	5.00
				10g SAR	20.70	20.00	-3.38	5.00

Date: 03/06/2008

Validation Dipole and Serial Number: D900V2 SN:185

Simulant	Frequency (MHz)	Room Temperature	Liquid Temperature	Parameters	Target Value	Measured Value	Deviation (%)	Limit (%)
Body	900	23.0 ºC	24.0 ºC	ε_r	55.00	52.83	-3.95	5.00
				σ	1.05	1.02	-2.86	5.00
				1g SAR	10.50	10.48	-0.19	5.00
				10g SAR	6.88	6.80	-1.16	5.00

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

Appendix 6. Simulated Tissues

The body mixture consists of water and glycol. Visual inspection is made to ensure air bubbles are not trapped during the mixing process. The mixture is calibrated to obtain proper dielectric constant (permittivity) and conductivity of the tissue.

Ingredient	Frequency
	1800/1900 MHz **Body**
De-Ionised Water	69.79%
Diglycol Butyl Ether (DGBE)	30.00%
Salt	0.20%

Ingredient	Frequency
	1800/1900 MHz **Head**
De-Ionised Water	55.41%
Diglycol Butyl Ether (DGBE)	44.51%
Salt	0.08%

Ingredient	Frequency
	835/850/900 MHz **Body**
De-Ionised Water	50.75%
Sugar	48.21%
Salt	0.94%
Kathon	0.10%

Ingredient	Frequency
	835/850/900 MHz **Head**
Propanediol	64.81%
De-Ionised Water	34.40%
Salt	0.79%

Test of: **TUV Product Services Ltd**
TAGHeuer TH01M

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

Appendix 7. DASY4 System Details

A.7.1. DASY4 SAR Measurement System

RFI Global Services Ltd, SAR measurement facility utilises the Dosimetric Assessment System (DASY™) manufactured by Schmid & Partner Engineering AG (SPEAG™) of Zurich, Switzerland. The DASY4 system is comprised of the robot controller, computer, near-field probe, probe alignment sensor, and the SAM phantom containing brain or muscle equivalent material. The robot is a six-axis industrial robot performing precise movements to position the probe to the location (points) of maximum electromagnetic field (EMF). A cell controller system contains the power supply, robot controller; teach pendant (Joystick), and remote control. This is used to drive the robot motors. The Staubli robot is connected to the cell controller to allow software manipulation of the robot. The data acquisition electronics (DAE) performs signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection etc. The DAE is connected to the Electro-optical coupler (EOC). The EOC performs the conversion from the optical into digital electric signal of the DAE and transfers data to the PC plug-in card. The DAE3 utilises a highly sensitive electrometer-grade preamplifier with auto-zeroing, a channel and gain-switching mulitplexer, a fast 16-bit AD-converter and a command decoder and control logic unit. Transmission to the PC-card is accomplished through an optical downlink for data and status information and an optical uplink for commands and clock lines. The mechanical probe-mounting device includes two different sensor systems for frontal and sidewise probe contacts. They are also used for mechanical surface detection and probe collision detection. The robot uses its own controller with a built in VME-bus computer.

Test of: TUV Product Services Ltd
TAGHeuer TH01M

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

A.7.2. DASY4 SAR System Specifications

Robot System

Positioner:	Stäubli Unimation Corp. Robot Model: RX90L
Repeatability:	0.025 mm
No. of Axis:	6
Serial Number:	F00/SD89A1/A/01
Reach:	1185 mm
Payload:	3.5 kg
Control Unit:	CS7
Programming Language:	V+

Data Acquisition Electronic (DAE) System

Serial Number:	DAE3 SN:450

Cell Controller

PC:	Dell Precision 340
Operating System:	Windows 2000
Data Card:	DASY4 Measurement Server
Serial Number:	1080

Data Converter

Features:	Signal Amplifier, multiplexer, A/D converted and control logic.
Software:	DASY4 Software
Connecting Lines:	Optical downlink for data and status info. Optical uplink for commands and clock.

PC Interface Card

Function:	24 bit (64 MHz) DSP for real time processing Link to DAE3 16 nit A/D converter for surface detection system serial link to robot direct emergency stop output for robot.

Test of: TUV Product Services Ltd
         TAGHeuer TH01M

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

DASY4 SAR System Specifications (Continued)

E-Field Probe

Model:	ET3DV6
Serial No:	1528
Construction:	Triangular core fibre optic detection system
Frequency:	10 MHz to 3 GHz
Linearity:	$\pm$0.2 dB (30 MHz to 3 GHz)
Probe Length (mm):	337
Probe Diameter (mm):	12
Tip Length (mm):	10
Tip Diameter (mm):	6.8
Sensor X Offset (mm):	2.7
Sensor Y Offset (mm):	2.7
Sensor Z Offset (mm):	2.7

Phantom

Phantom:	SAM Phantom
Shell Material:	Fibreglass
Thickness:	2.0 $\pm$0.1 mm