Test of: SoftBank 840P

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.

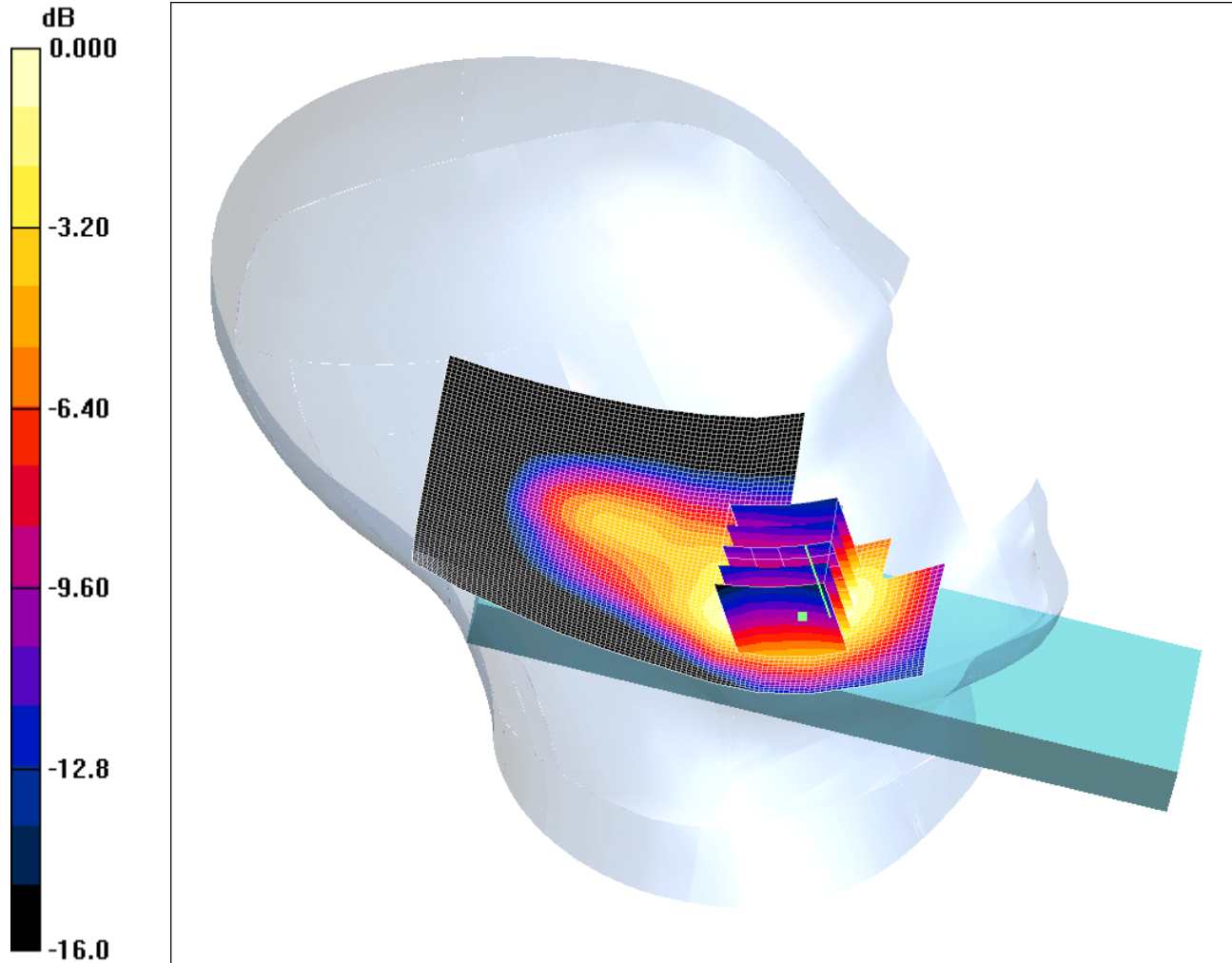| Scan Reference Number	Title
SCN/76125JD01/001	Touch Left PCS CH660
SCN/76125JD01/002	Tilt Left PCS CH660
SCN/76125JD01/003	Touch Right PCS CH660
SCN/76125JD01/004	Tilt Right PCS CH660
SCN/76125JD01/005	Front of EUT Facing Phantom PCS CH660
SCN/76125JD01/006	Front of EUT Facing Phantom GPRS CH660
SCN/76125JD01/007	Rear of EUT Facing Phantom GPRS CH660
SCN/76125JD01/008	Rear of EUT Facing Phantom With PHF GPRS CH660
SCN/76125JD01/009	System Performance Check 1900MHz Head 26 09 09
SCN/76125JD01/010	System Performance Check 1900MHz Body 26 09 09

Test of: SoftBank 840P

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

SCN/76125JD01/001: Touch Left PCS CH660
Date 26/09/2009
DUT: Panasonic S92CS3; Type: S92CS3 (Sample C10); Serial: 004401220834101

0 dB = 0.834mW/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 = 1.38 mho/m; ε_r = 38.3; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(8.58, 8.58, 8.58); Calibrated: 26/06/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 30/04/2009
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Touch Left - Middie/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.893 mW/g

Touch Left - Middie/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.69 V/m; Power Drift = 0.099 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.769 mW/g; SAR(10 g) = 0.461 mW/g
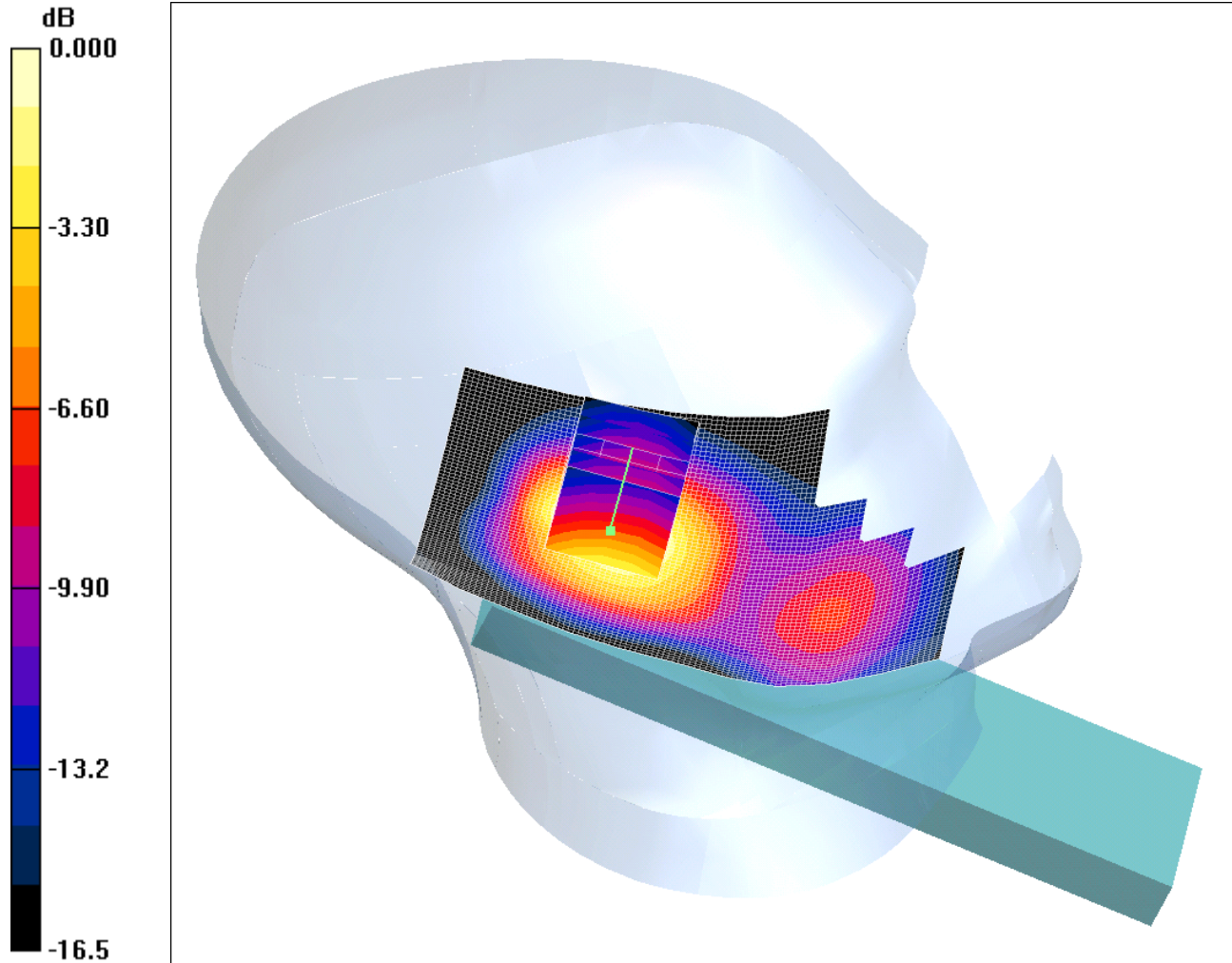
Maximum value of SAR (measured) = 0.834 mW/g

Test of: SoftBank 840P

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

SCN/76125JD01/002: Tilt Left PCS CH660
Date 26/09/2009
DUT: Panasonic S92CS3; Type: S92CS3 (Sample C10); Serial: 004401220834101

0 dB = 0.397mW/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 = 1.38 mho/m; ϵ_r = 38.3; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(8.58, 8.58, 8.58); Calibrated: 26/06/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 30/04/2009
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Tilt Left - Middie/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.420 mW/g

Tilt Left - Middie/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.89 V/m; Power Drift = -0.032 dB
Peak SAR (extrapolated) = 0.569 W/kg
SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.222 mW/g
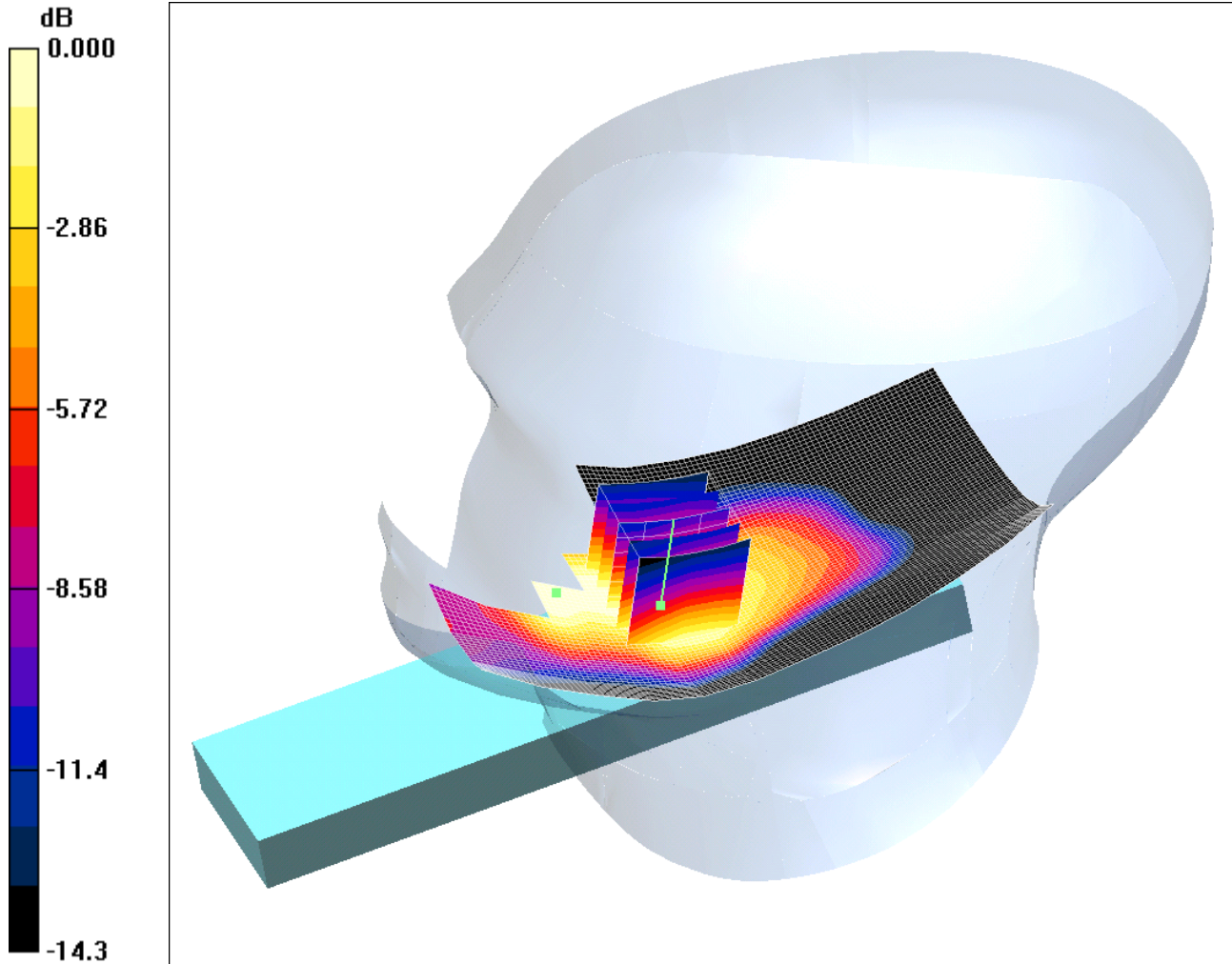
Maximum value of SAR (measured) = 0.397 mW/g

Test of: SoftBank 840P

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

SCN/76125JD01/003: Touch Right PCS CH660
Date 26/09/2009
DUT: Panasonic S92CS3; Type: S92CS3 (Sample C10); Serial: 004401220834101

0 dB = 0.598mW/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 = 1.38 mho/m; ε_r = 38.3; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(8.58, 8.58, 8.58); Calibrated: 26/06/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 30/04/2009
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Touch Right - Middle /Area Scan (71x161x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.640 mW/g

Touch Right - Middle /Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.44 V/m; Power Drift = 0.322 dB
Peak SAR (extrapolated) = 0.859 W/kg
SAR(1 g) = 0.559 mW/g; SAR(10 g) = 0.364 mW/g
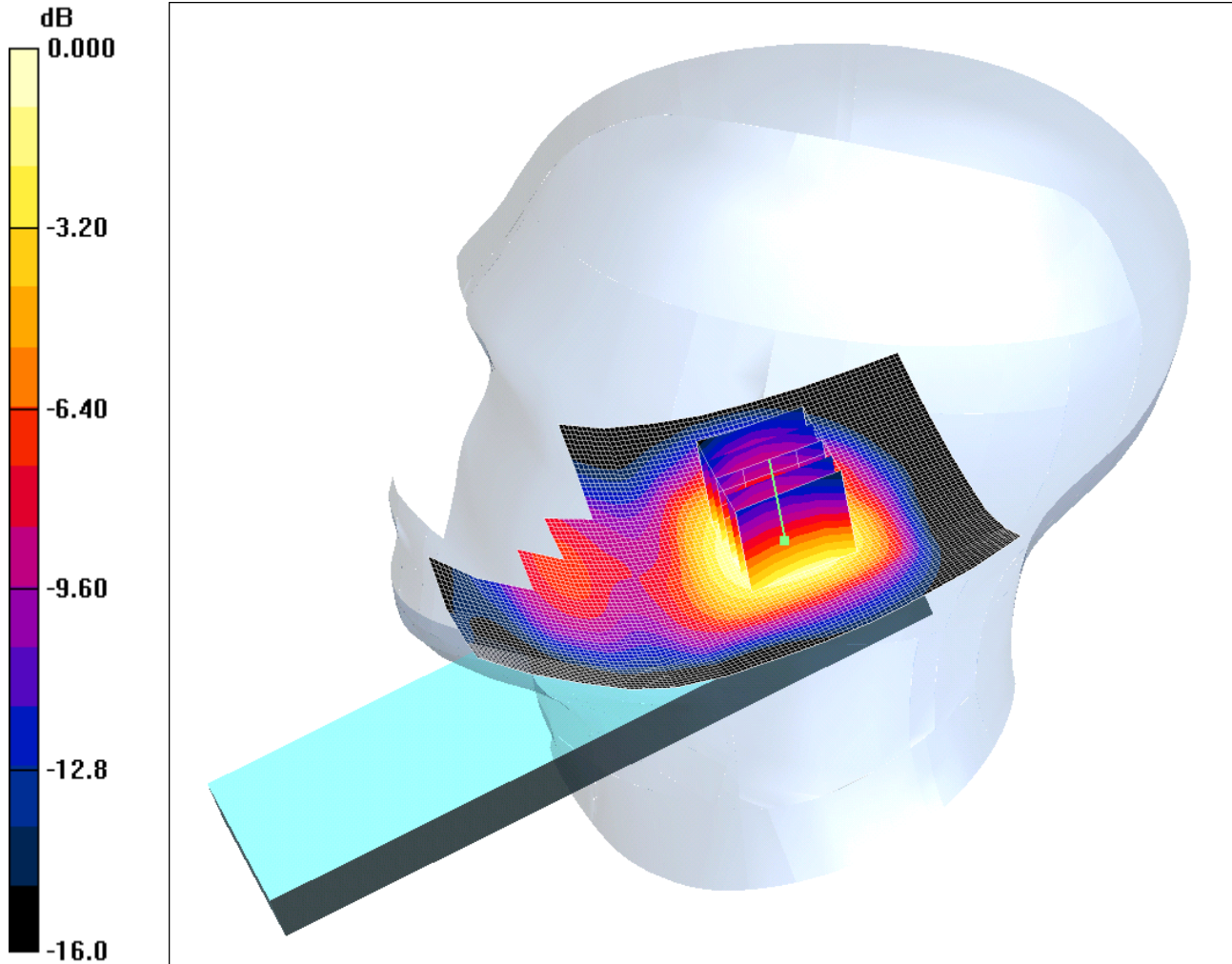
Maximum value of SAR (measured) = 0.598 mW/g

Test of: SoftBank 840P

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

SCN/76125JD01/004: Tilt Right PCS CH660
Date 26/09/2009
DUT: Panasonic S92CS3; Type: S92CS3 (Sample C10); Serial: 004401220834101

0 dB = 0.318mW/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 = 1.38 mho/m; ε_r = 38.3; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(8.58, 8.58, 8.58); Calibrated: 26/06/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 30/04/2009
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Touch Right - Middle /Area Scan (71x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.334 mW/g

Touch Right - Middle /Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.63 V/m; Power Drift = 0.002 dB
Peak SAR (extrapolated) = 0.444 W/kg
SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.191 mW/g

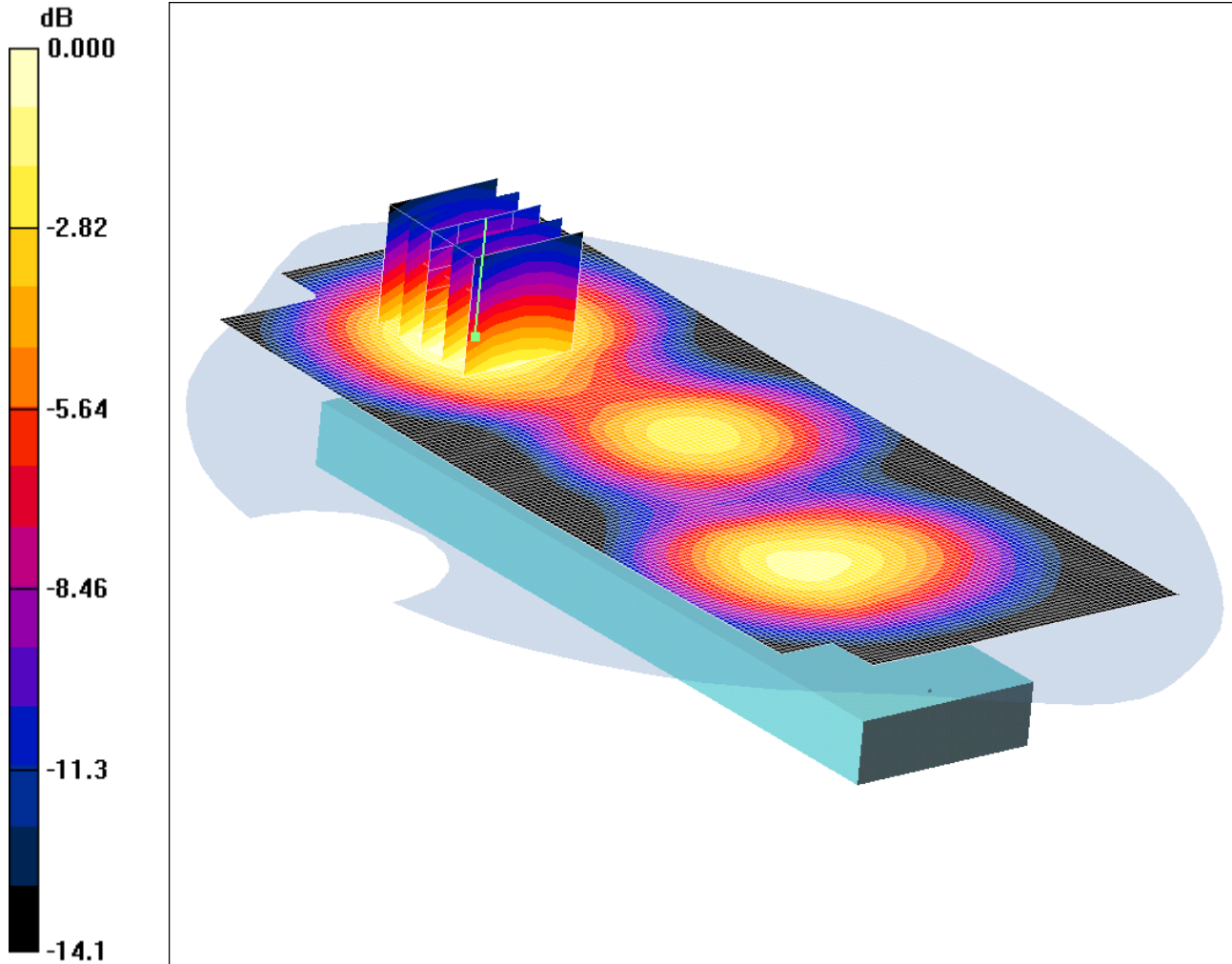Maximum value of SAR (measured) = 0.318 mW/g

Test of: SoftBank 840P

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

SCN/76125JD01/005: Front of EUT Facing Phantom PCS CH660
Date 26/09/2009
DUT: Panasonic S92CS3; Type: S92CS3 (Sample C10); Serial: 004401220834101

0 dB = 0.306mW/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 = 1.38 mho/m; ε_r = 38.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(8.58, 8.58, 8.58); Calibrated: 26/06/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 30/04/2009
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Front of Facing Phantom - Middle/Area Scan (71x161x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.315 mW/g

Front of Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.62 V/m; Power Drift = 0.023 dB
Peak SAR (extrapolated) = 0.425 W/kg
SAR(1 g) = 0.284 mW/g; SAR(10 g) = 0.182 mW/g
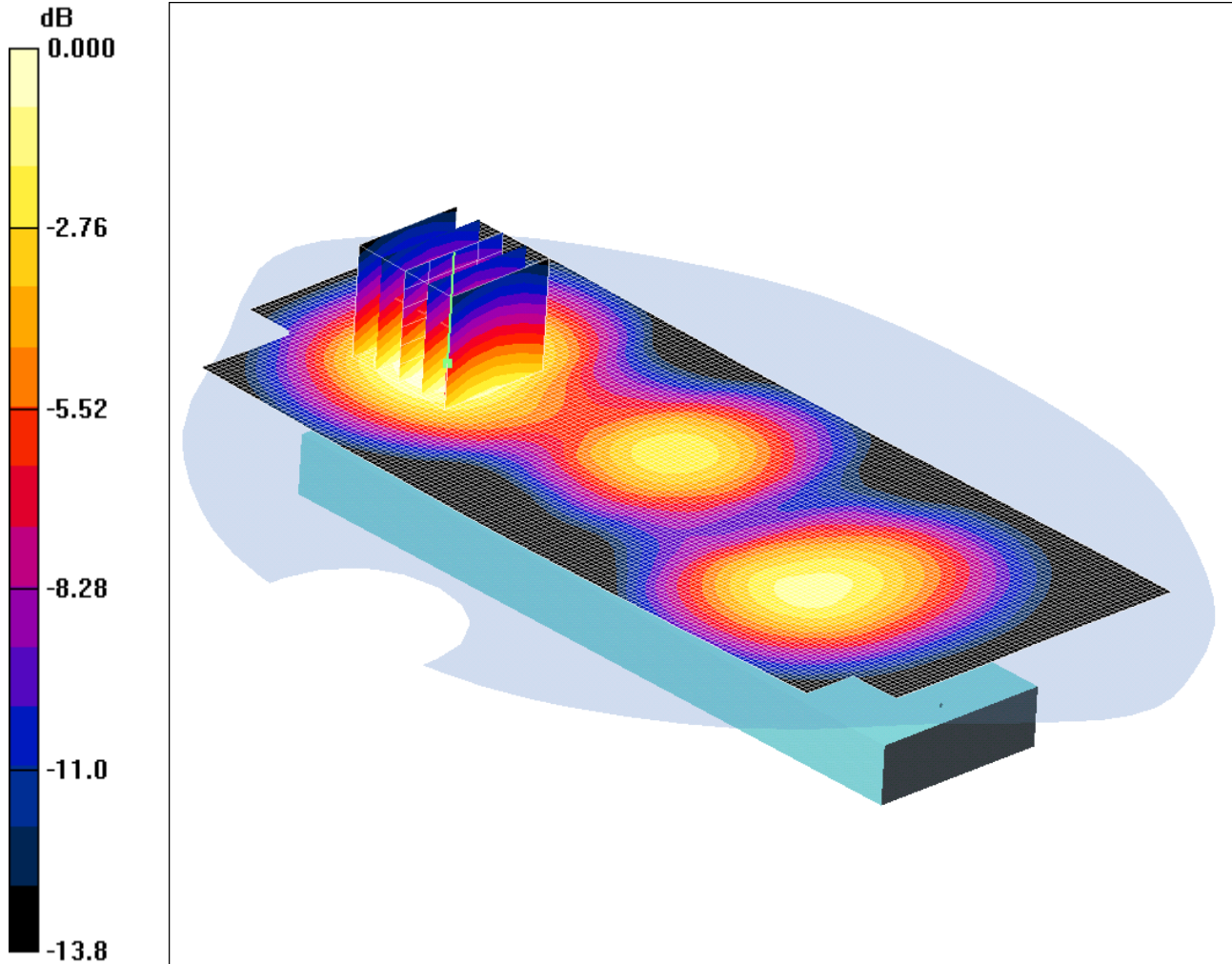Maximum value of SAR (measured) = 0.306 mW/g

Test of: SoftBank 840P

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

SCN/76125JD01/006: Front of EUT Facing Phantom GPRS CH660
Date 26/09/2009
DUT: Panasonic S92CS3; Type: S92CS3 (Sample C10); Serial: 004401220834101

0 dB = 0.374mW/g

Communication System: GPRS 1900; Frequency: 1879.8 MHz;Duty Cycle: 1:4
Medium: 1900 MHz HSL Medium parameters used (interpolated): f = 1879.8 MHz; σ = 1.38 mho/m; ε_r = 38.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(8.58, 8.58, 8.58); Calibrated: 26/06/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 30/04/2009
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Front of Facing Phantom - Middle/Area Scan (71x161x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.382 mW/g

Front of Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.7 V/m; Power Drift = -0.006 dB
Peak SAR (extrapolated) = 0.522 W/kg
SAR(1 g) = 0.347 mW/g; SAR(10 g) = 0.223 mW/g

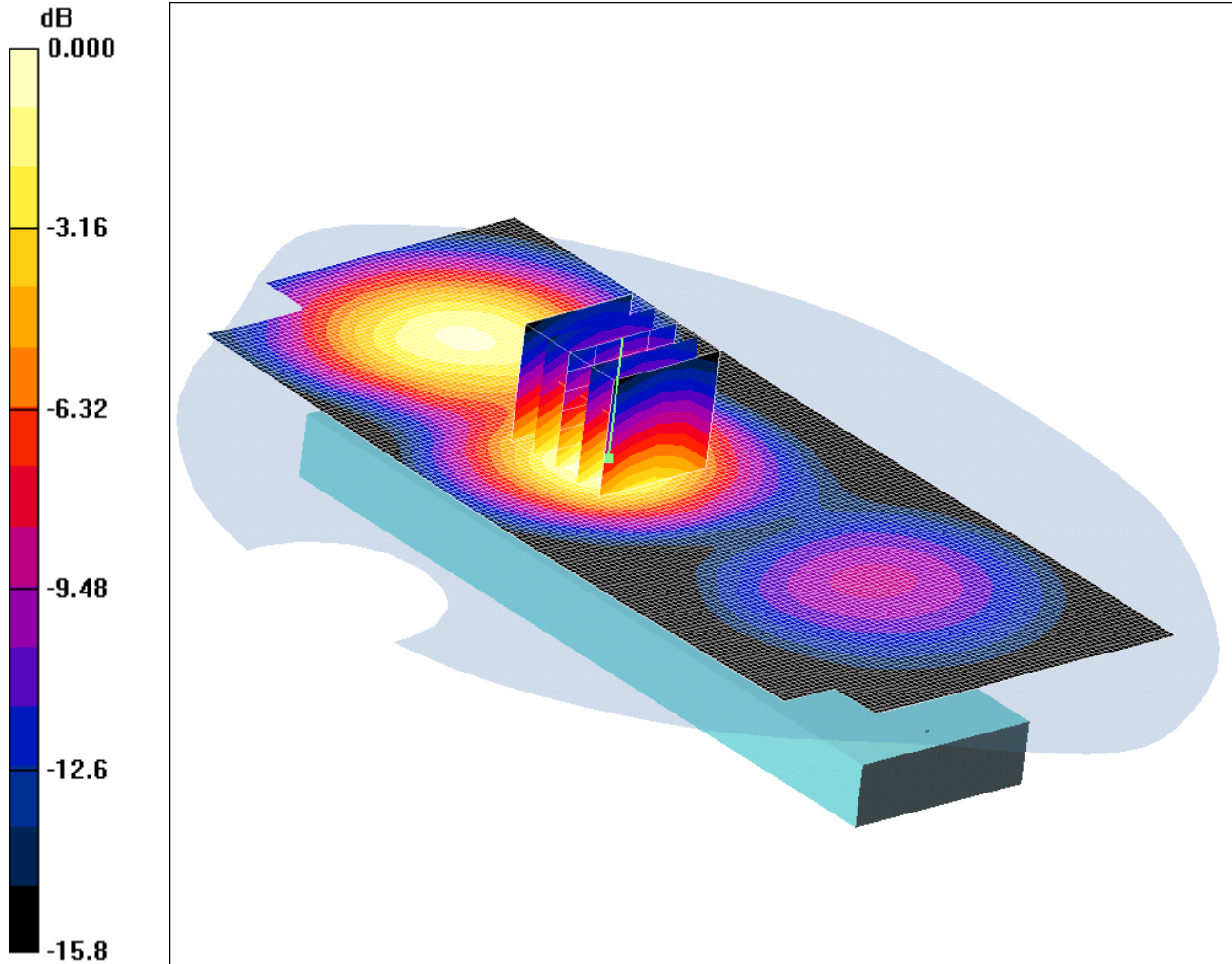Maximum value of SAR (measured) = 0.374 mW/g

Test of: SoftBank 840P

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

SCN/76125JD01/007: Rear of EUT Facing Phantom GPRS CH660
Date 26/09/2009
DUT: Panasonic S92CS3; Type: S92CS3 (Sample C10); Serial: 004401220834101

0 dB = 0.496mW/g

Communication System: GPRS 1900; Frequency: 1879.8 MHz;Duty Cycle: 1:4
Medium: 1900 MHz HSL Medium parameters used (interpolated): f = 1879.8 MHz; σ = 1.38 mho/m; ε_r = 38.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(8.58, 8.58, 8.58); Calibrated: 26/06/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 30/04/2009
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Rear of Facing Phantom - Middle/Area Scan (71x161x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.497 mW/g

Rear of Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.6 V/m; Power Drift = -0.020 dB
Peak SAR (extrapolated) = 0.731 W/kg
SAR(1 g) = 0.454 mW/g; SAR(10 g) = 0.267 mW/g

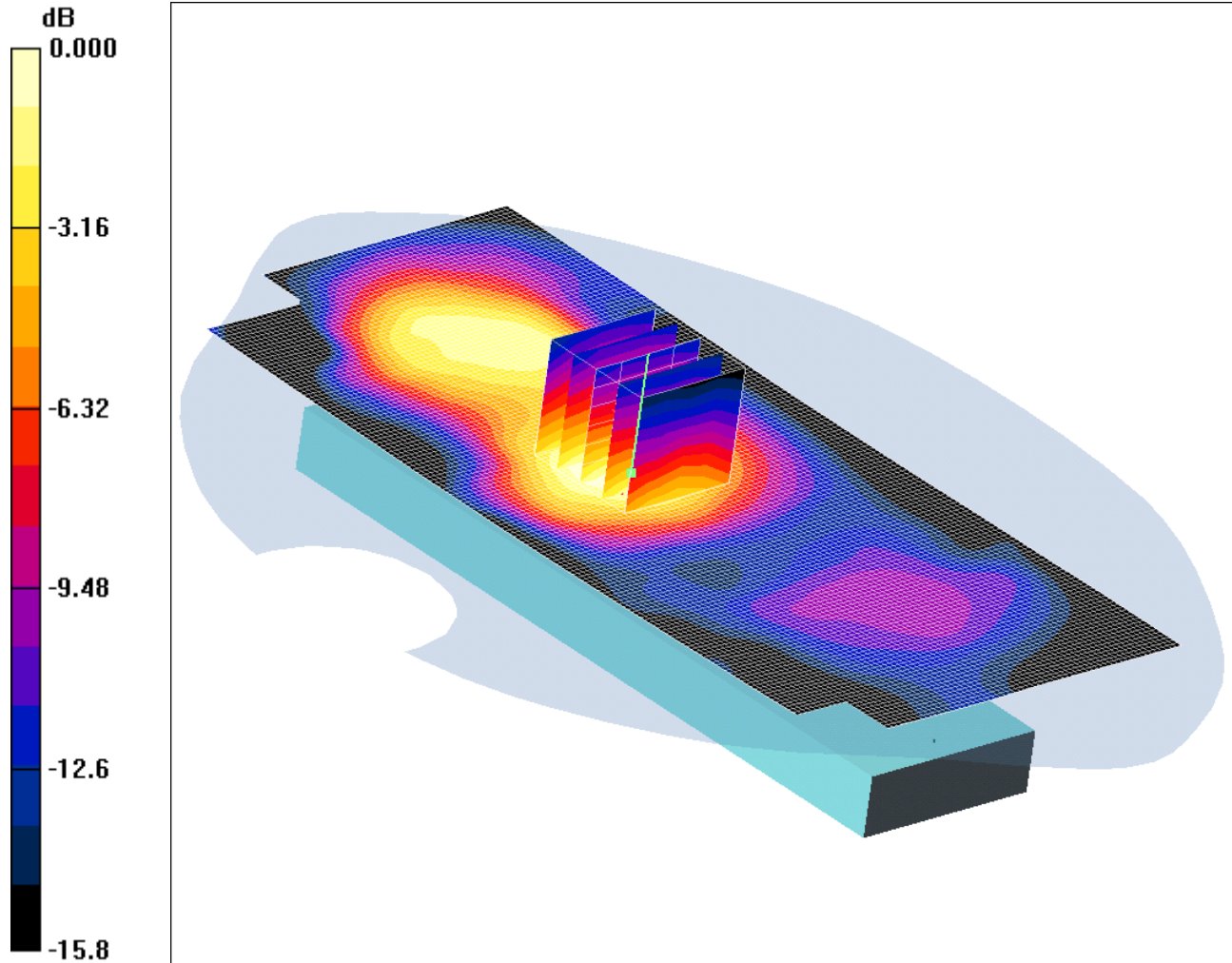Maximum value of SAR (measured) = 0.496 mW/g

Test of: SoftBank 840P

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

SCN/76125JD01/008: Rear of EUT Facing Phantom With PHF GPRS CH660
Date 26/09/2009
DUT: Panasonic S92CS3; Type: S92CS3 (Sample C10); Serial: 004401220834101

0 dB = 0.355mW/g

Communication System: GPRS 1900; Frequency: 1879.8 MHz;Duty Cycle: 1:4
Medium: 1900 MHz HSL Medium parameters used (interpolated): f = 1879.8 MHz; σ = 1.38 mho/m; ε_r = 38.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(8.58, 8.58, 8.58); Calibrated: 26/06/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 30/04/2009
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Rear of Facing Phantom - Middle/Area Scan (71x161x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.353 mW/g

Rear of Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.4 V/m; Power Drift = -0.017 dB
Peak SAR (extrapolated) = 0.536 W/kg
SAR(1 g) = 0.331 mW/g; SAR(10 g) = 0.198 mW/g
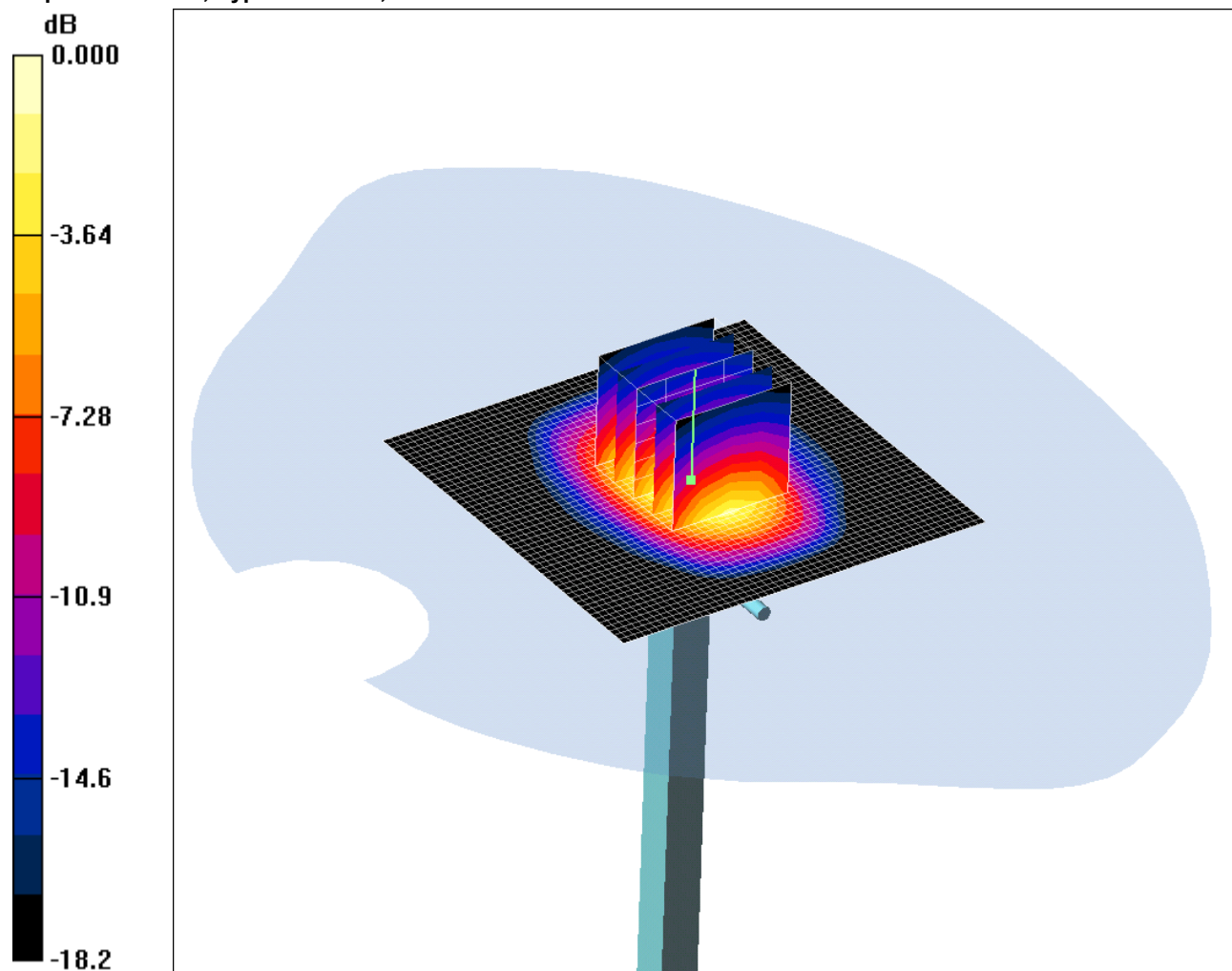Maximum value of SAR (measured) = 0.355 mW/g

Test of: SoftBank 840P

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

SCN/76125JD01/009: System Performance Check 1900MHz Head 26 09 09
Date 26/09/2009
DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN540

0 dB = 11.4mW/g

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: 1900 MHz HSL Medium parameters used: f = 1900 MHz; σ = 1.39 mho/m; ε_r = 38.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(8.58, 8.58, 8.58); Calibrated: 26/06/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 30/04/2009
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
d=10mm, Pin=250mW/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 15.5 mW/g

d=10mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 89.9 V/m; Power Drift = 0.000 dB
Peak SAR (extrapolated) = 19.3 W/kg
SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.17 mW/g
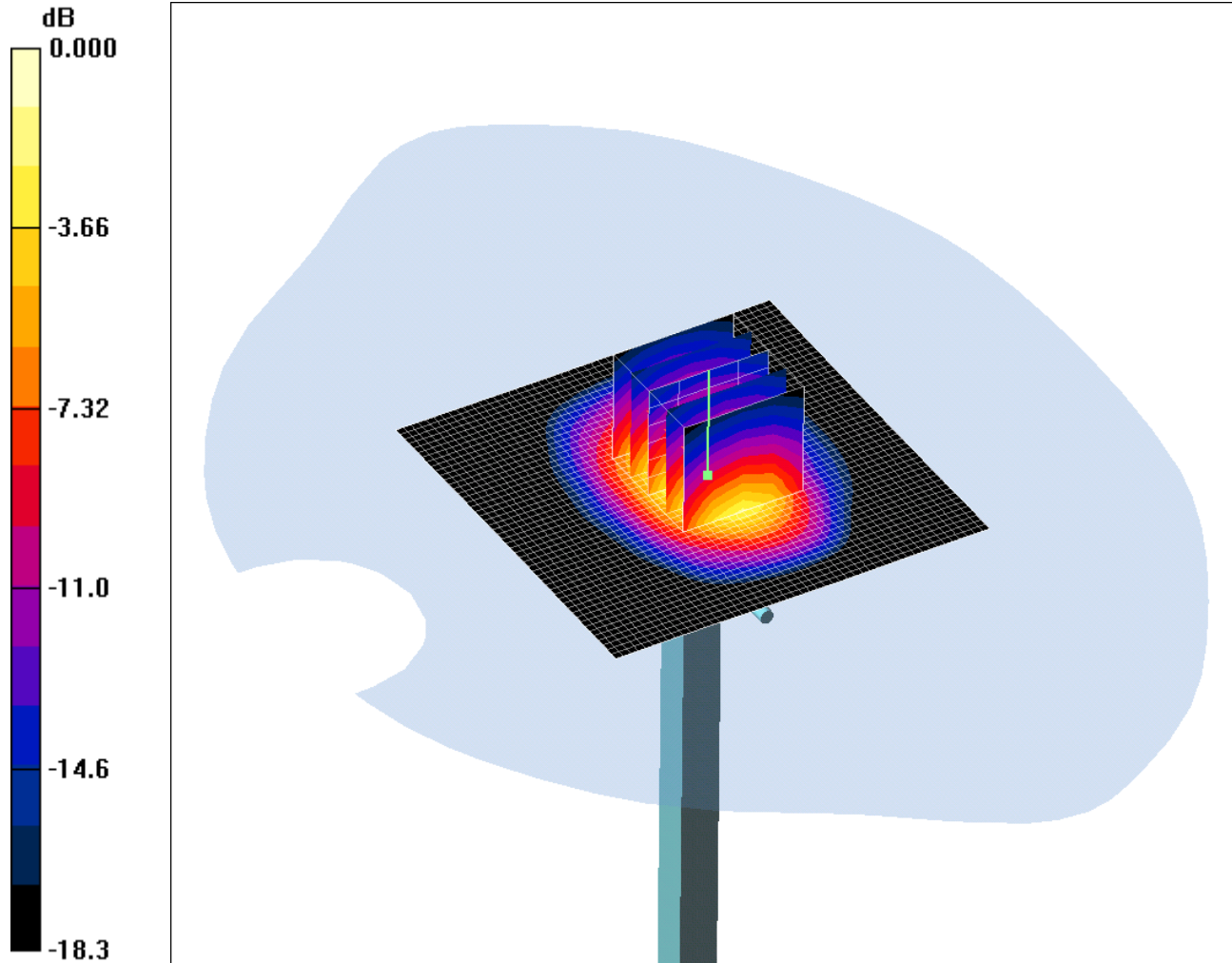Maximum value of SAR (measured) = 11.4 mW/g

Test of: SoftBank 840P

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

SCN/76125JD01/010: System Performance Check 1900MHz Body 26 09 09
Date 26/09/2009
DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN540

0 dB = 11.7mW/g

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: 1900 MHz MSL Medium parameters used: f = 1900 MHz; σ = 1.56 mho/m; ε_r = 51.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(8.23, 8.23, 8.23); Calibrated: 26/06/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 30/04/2009
- 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=10mm, Pin=250mW/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 14.4 mW/g

d=10mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 84.1 V/m; Power Drift = 0.049 dB
Peak SAR (extrapolated) = 19.6 W/kg
SAR(1 g) = 10.4 mW/g; SAR(10 g) = 5.3 mW/g
Maximum value of SAR (measured) = 11.7 mW/g