

Test of: Panasonic Mobile Comms Dev of Europe Ltd
VS8x

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/72838JD03/001	Touch Left Antenna Retracted PCS CH660
SCN/72838JD03/002	Touch Left Antenna Extended PCS CH660
SCN/72838JD03/003	Tilt Left Antenna Retracted PCS CH660
SCN/72838JD03/004	Tilt Left Antenna Extended PCS CH660
SCN/72838JD03/005	Touch Right Antenna Retracted PCS CH660
SCN/72838JD03/006	Touch Right Antenna Extended PCS CH660
SCN/72838JD03/007	Tilt Right Antenna Retracted PCS CH660
SCN/72838JD03/008	Tilt Right Antenna Extended PCS CH660
SCN/72838JD03/009	Front Of EUT Open Facing Phantom Antenna Extended PCS CH660
SCN/72838JD03/010	Front Of EUT Open Facing Phantom Antenna Extended GPRS CH660
SCN/72838JD03/011	Front Of EUT Open Facing Phantom Antenna Retracted GPRS CH660
SCN/72838JD03/012	Rear Of EUT Open Facing Phantom Antenna Extended GPRS CH660
SCN/72838JD03/013	Rear Of EUT Open Facing Phantom Antenna Retracted GPRS CH660
SCN/72838JD03/014	Rear Of EUT Open Facing Phantom Antenna Retracted With PHF GPRS CH660
SCN/72838JD03/015	System Performance Check 1900MHz Body 27 10 07
SCN/72838JD03/016	System Performance Check 1900MHz Head 26 10 07
SCN/72838JD03/017	System Performance Check 1900MHz Body 26 10 07

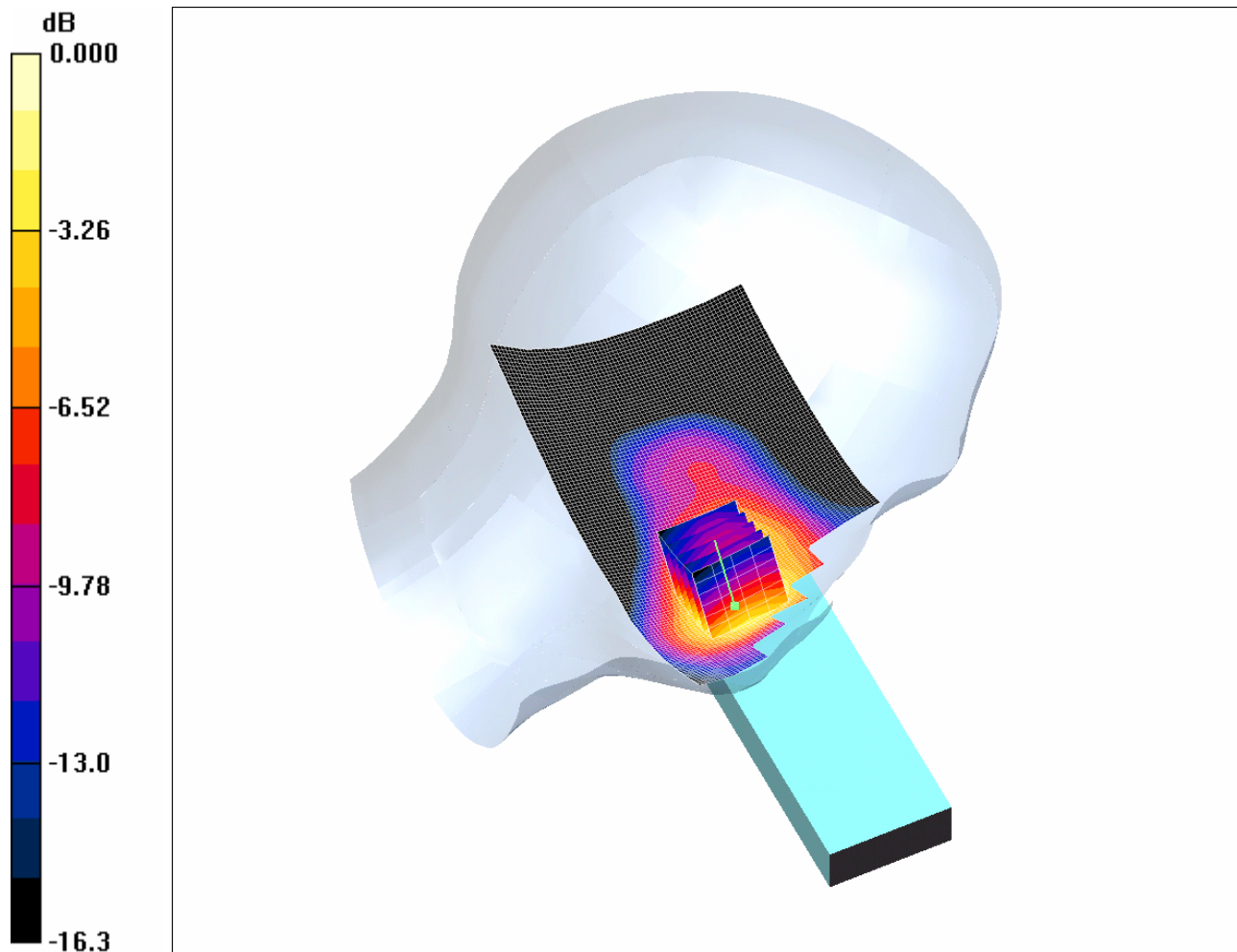
Test of: Panasonic Mobile Comms Dev of Europe Ltd
VS8x

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

SCN/72838JD03/001: Touch Left Antenna Retracted PCS CH660

DUT: Panasonic VS8x; Type: VS8x (Sample C6); Serial: 004401220294876

Date: 26/10/2007



0 dB = 0.518mW/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; $\sigma = 1.42$ mho/m; $\epsilon_r = 38.7$; $\rho = 1000$ kg/m³

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 Sn394; Calibrated: 24/05/2007

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

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

Touch Left Antenna Retracted - Middle/Area Scan (71x161x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.510 mW/g

Touch Left Antenna Retracted - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.93 V/m; Power Drift = -0.108 dB

Peak SAR (extrapolated) = 0.677 W/kg

SAR(1 g) = 0.479 mW/g; SAR(10 g) = 0.293 mW/g

Maximum value of SAR (measured) = 0.518 mW/g

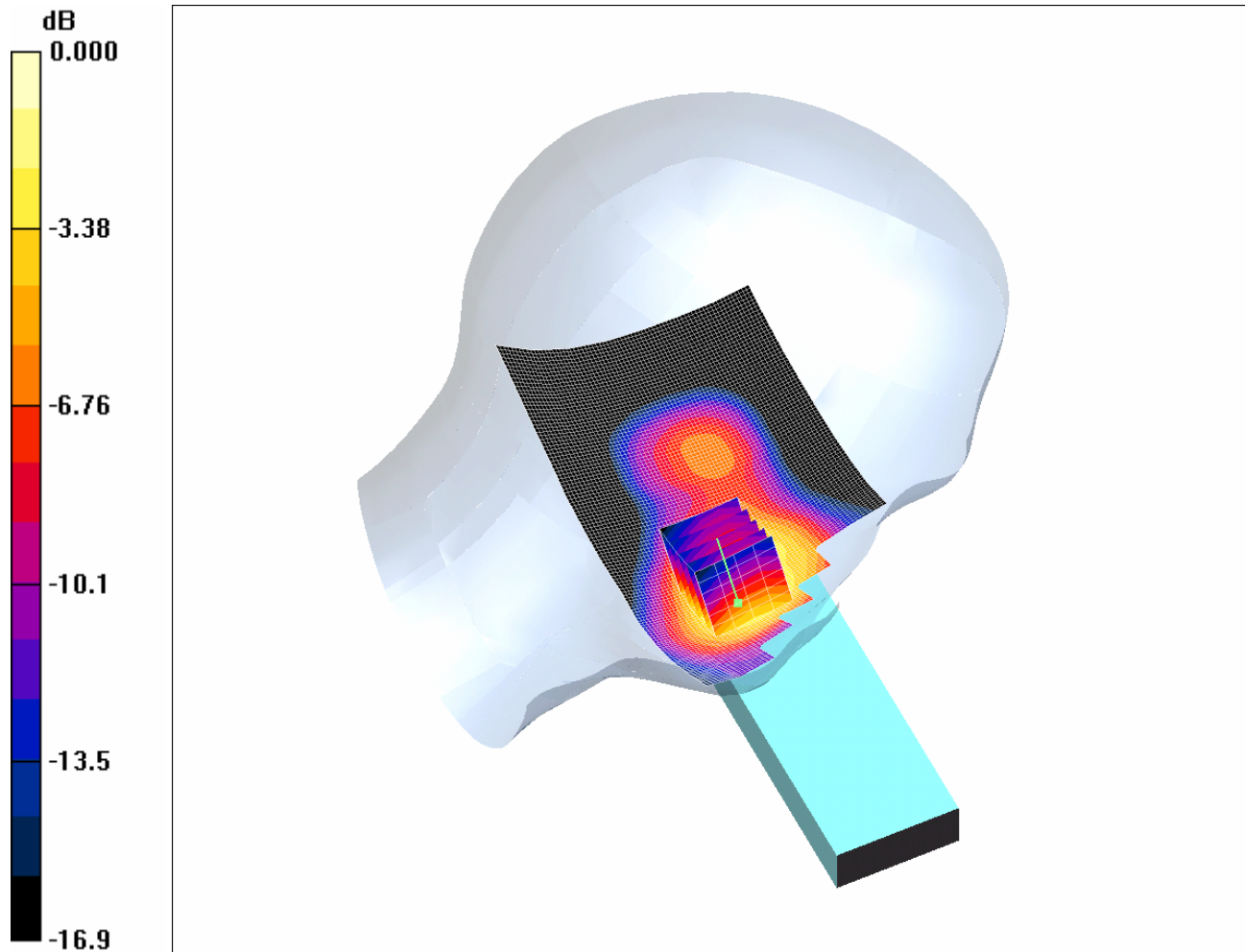
Test of: Panasonic Mobile Comms Dev of Europe Ltd
VS8x

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

SCN/72838JD03/002: Touch Left Antenna Extended PCS CH660

DUT: Panasonic VS8x; Type: VS8x (Sample C6); Serial: 004401220294876

Date: 26/10/2007



0 dB = 0.571mW/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; $\sigma = 1.42$ mho/m; $\epsilon_r = 38.7$; $\rho = 1000$ kg/m³
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 Sn394; Calibrated: 24/05/2007
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Touch Left Antenna Extended - Middle/Area Scan (71x161x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.539 mW/g

Touch Left Antenna Extended - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.17 V/m; Power Drift = -0.067 dB
Peak SAR (extrapolated) = 0.721 W/kg
SAR(1 g) = 0.514 mW/g; SAR(10 g) = 0.319 mW/g

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

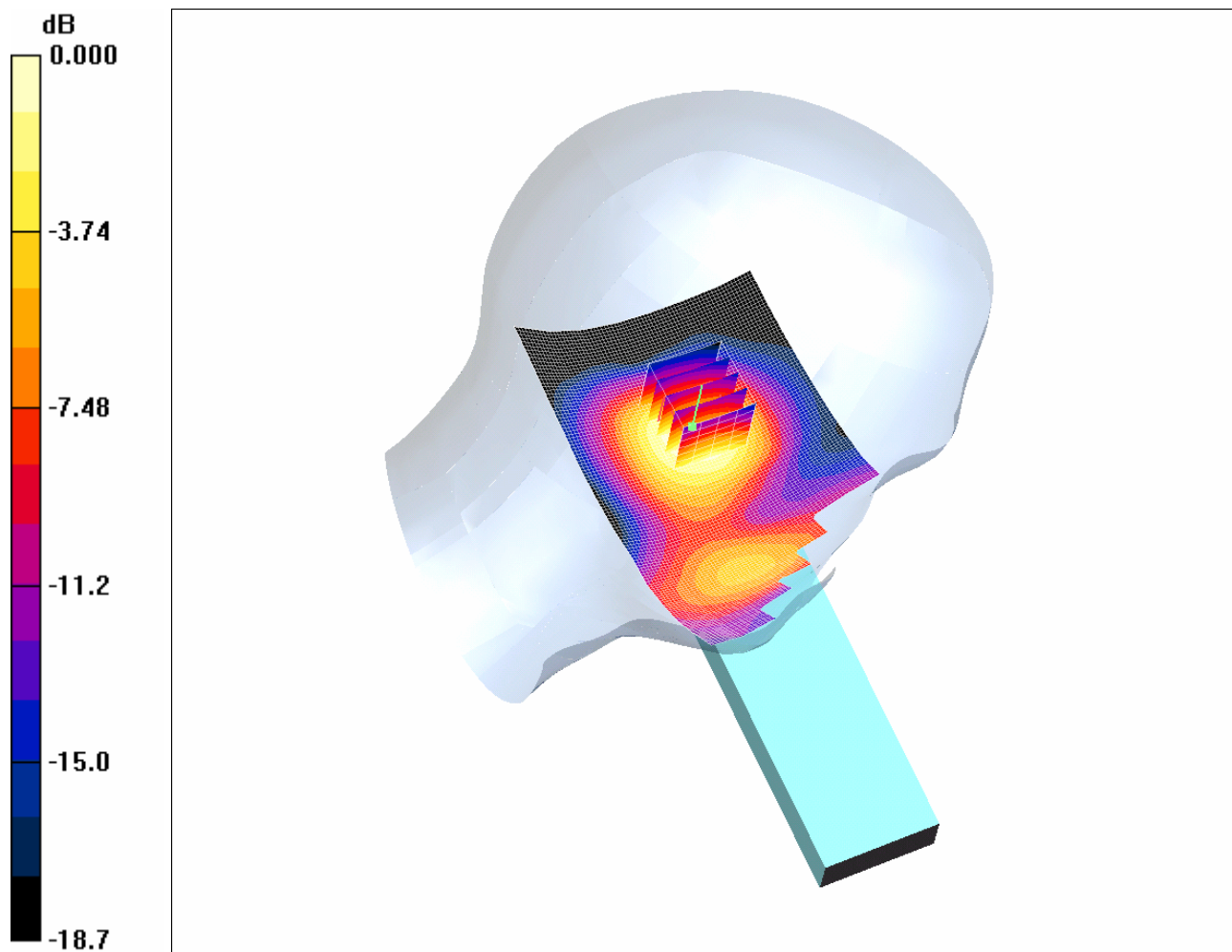
Test of: Panasonic Mobile Comms Dev of Europe Ltd
VS8x

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

SCN/72838JD03/003: Tilt Left Antenna Retracted PCS CH660

DUT: Panasonic VS8x; Type: VS8x (Sample C6); Serial: 004401220294876

Date: 26/10/2007



0 dB = 0.162mW/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; $\sigma = 1.42$ mho/m; $\epsilon_r = 38.7$; $\rho = 1000$ kg/m³
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 Sn394; Calibrated: 24/05/2007
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Tilt Left Antenna Retracted - Middle/Area Scan (71x161x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.173 mW/g

Tilt Left Antenna Retracted - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.67 V/m; Power Drift = -0.082 dB

Peak SAR (extrapolated) = 0.218 W/kg

SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.092 mW/g

Maximum value of SAR (measured) = 0.162 mW/g

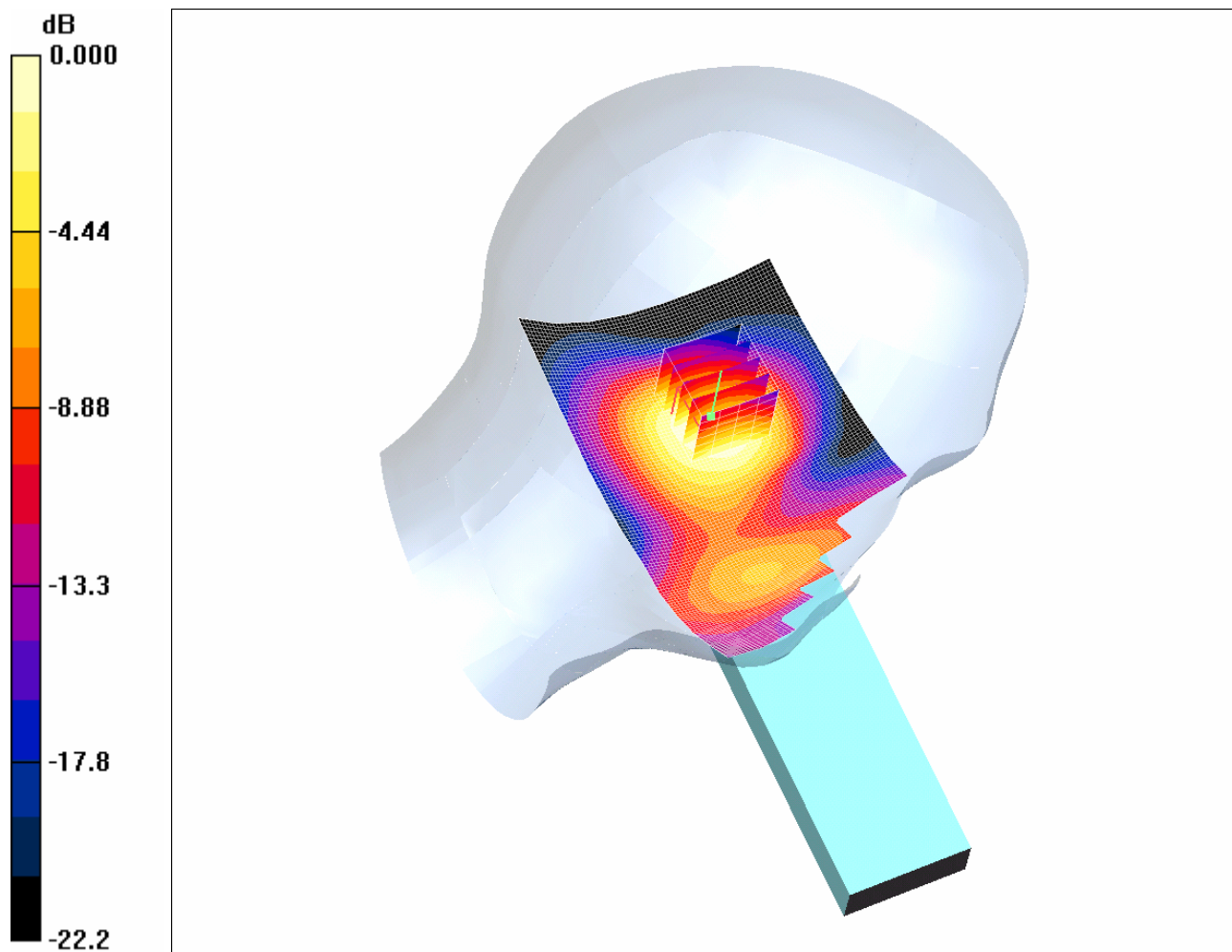
Test of: Panasonic Mobile Comms Dev of Europe Ltd
VS8x

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

SCN/72838JD03/004: Tilt Left Antenna Extended PCS CH660

DUT: Panasonic VS8x; Type: VS8x (Sample C6); Serial: 004401220294876

Date: 26/10/2007



0 dB = 0.249mW/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; $\sigma = 1.42$ mho/m; $\epsilon_r = 38.7$; $\rho = 1000$ kg/m³
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 Sn394; Calibrated: 24/05/2007
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Tilt Left Antenna Extended - Middle/Area Scan (71x161x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.279 mW/g

Tilt Left Antenna Extended - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.8 V/m; Power Drift = -0.039 dB

Peak SAR (extrapolated) = 0.335 W/kg

SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.142 mW/g

Maximum value of SAR (measured) = 0.249 mW/g

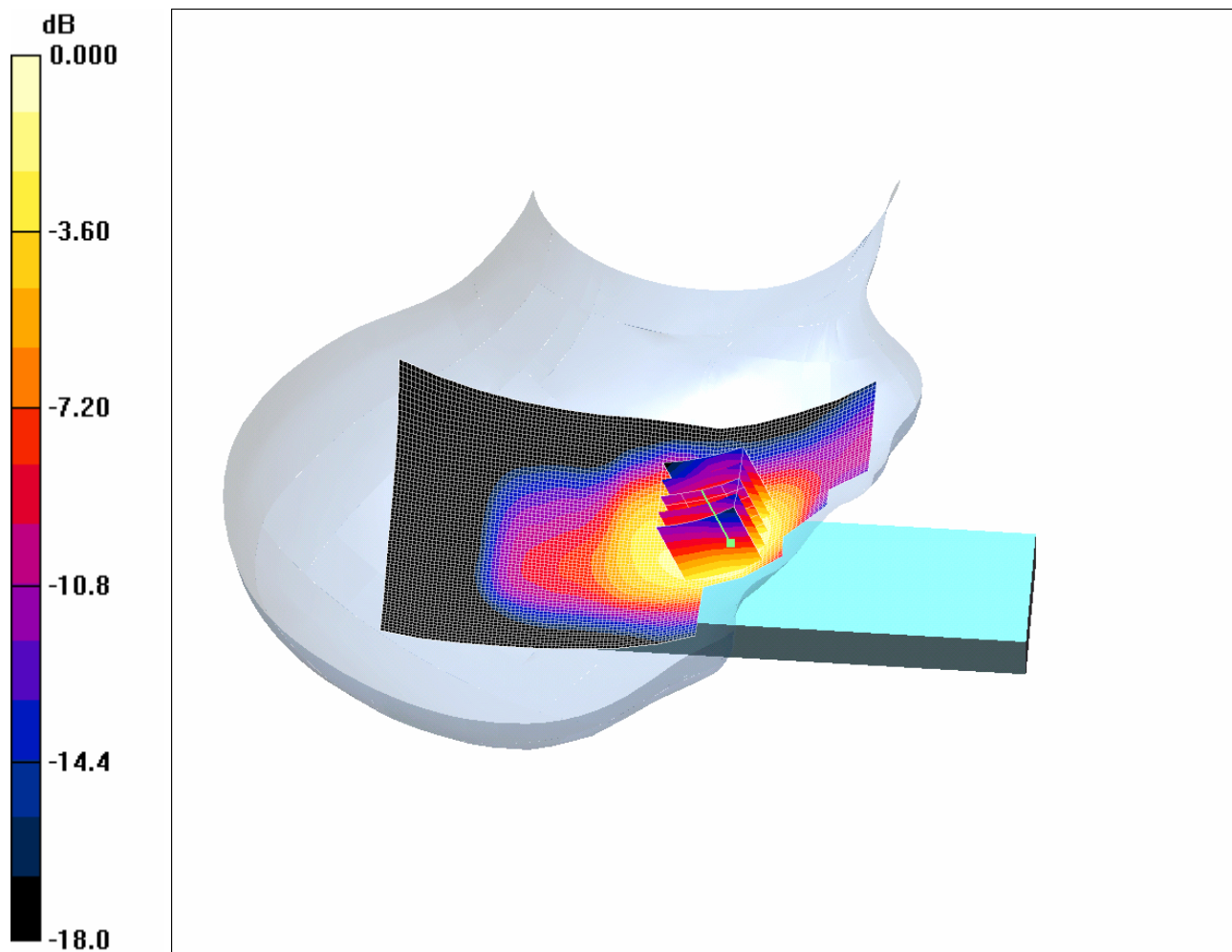
Test of: Panasonic Mobile Comms Dev of Europe Ltd
VS8x

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

SCN/72838JD03/005: Touch Right Antenna Retracted PCS CH660

DUT: Panasonic VS8x; Type: VS8x (Sample C6); Serial: 004401220294876

Date: 26/10/2007



0 dB = 0.519mW/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; $\sigma = 1.42$ mho/m; $\epsilon_r = 38.7$; $\rho = 1000$ kg/m³
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 Sn394; Calibrated: 24/05/2007
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Touch Right Antenna Retracted - Middle/Area Scan (71x161x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.488 mW/g

Touch Right Antenna Retracted - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.57 V/m; Power Drift = 0.006 dB

Peak SAR (extrapolated) = 0.714 W/kg

SAR(1 g) = 0.483 mW/g; SAR(10 g) = 0.297 mW/g

Maximum value of SAR (measured) = 0.519 mW/g

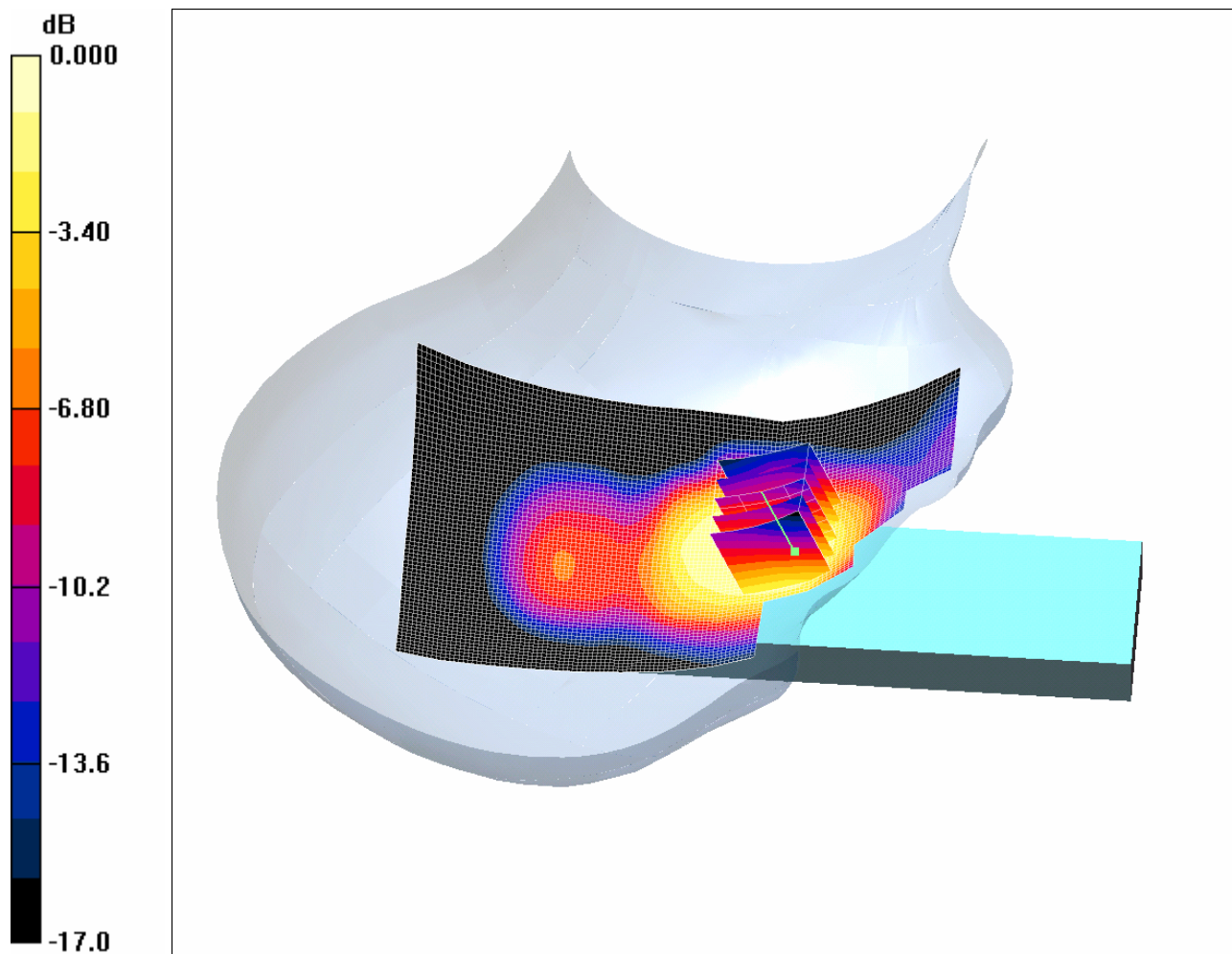
Test of: Panasonic Mobile Comms Dev of Europe Ltd
VS8x

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

SCN/72838JD03/006: Touch Right Antenna Extended PCS CH660

DUT: Panasonic VS8x; Type: VS8x (Sample C6); Serial: 004401220294876

Date: 26/10/2007



0 dB = 0.524mW/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; $\sigma = 1.42$ mho/m; $\epsilon_r = 38.7$; $\rho = 1000$ kg/m³

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 Sn394; Calibrated: 24/05/2007

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

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

Touch Right Antenna Extended - Middle/Area Scan (71x161x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.509 mW/g

Touch Right Antenna Extended - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.48 V/m; Power Drift = -0.117 dB

Peak SAR (extrapolated) = 0.699 W/kg

SAR(1 g) = 0.490 mW/g; SAR(10 g) = 0.312 mW/g

Maximum value of SAR (measured) = 0.524 mW/g

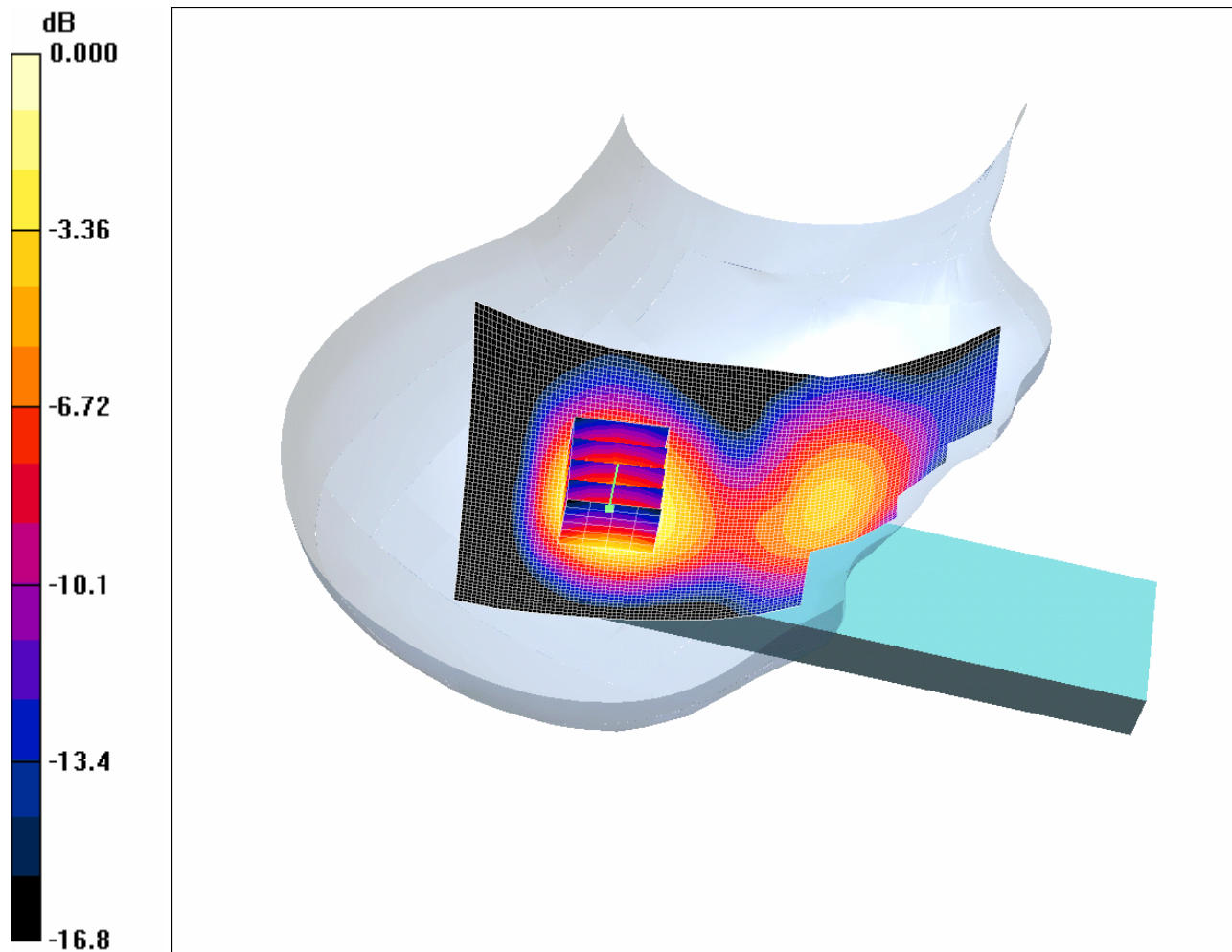
Test of: Panasonic Mobile Comms Dev of Europe Ltd
VS8x

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

SCN/72838JD03/007: Tilt Right Antenna Retracted PCS CH660

DUT: Panasonic VS8x; Type: VS8x (Sample C6); Serial: 004401220294876

Date: 26/10/2007



0 dB = 0.185mW/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; $\sigma = 1.42$ mho/m; $\epsilon_r = 38.7$; $\rho = 1000$ kg/m³
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 Sn394; Calibrated: 24/05/2007
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Touch Right Antenna Extended - Middle/Area Scan (71x161x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.199 mW/g

Touch Right Antenna Extended - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.0 V/m; Power Drift = 0.007 dB

Peak SAR (extrapolated) = 0.242 W/kg

SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.104 mW/g

Maximum value of SAR (measured) = 0.185 mW/g

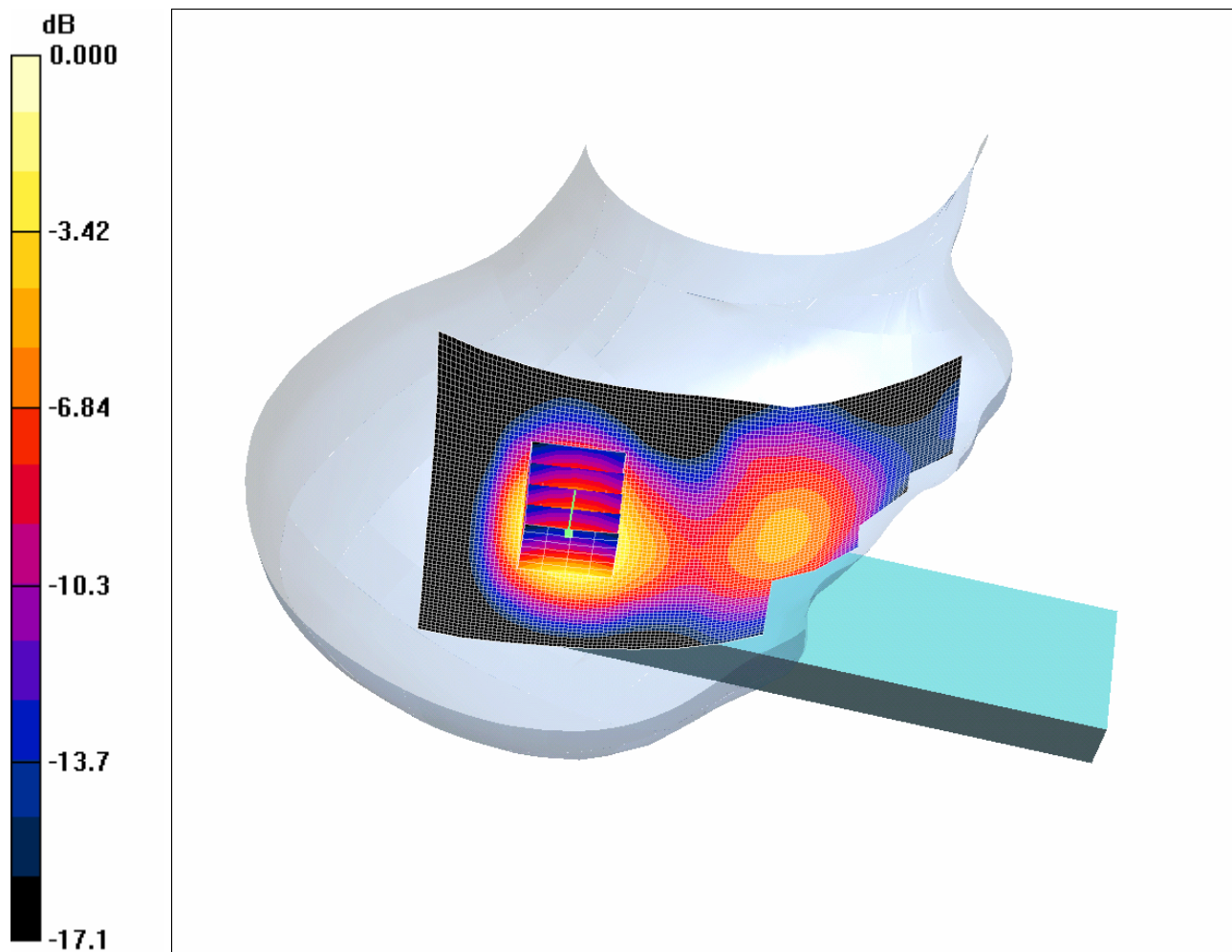
Test of: Panasonic Mobile Comms Dev of Europe Ltd
VS8x

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

SCN/72838JD03/008: Tilt Right Antenna Extended PCS CH660

DUT: Panasonic VS8x; Type: VS8x (Sample C6); Serial: 004401220294876

Date: 26/10/2007



0 dB = 0.261mW/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; $\sigma = 1.42$ mho/m; $\epsilon_r = 38.7$; $\rho = 1000$ kg/m³
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 Sn394; Calibrated: 24/05/2007
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Tilt Right Antenna Extended - Middle/Area Scan (71x161x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.282 mW/g

Tilt Right Antenna Extended - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.5 V/m; Power Drift = 0.006 dB

Peak SAR (extrapolated) = 0.340 W/kg

SAR(1 g) = 0.239 mW/g; SAR(10 g) = 0.145 mW/g

Maximum value of SAR (measured) = 0.261 mW/g

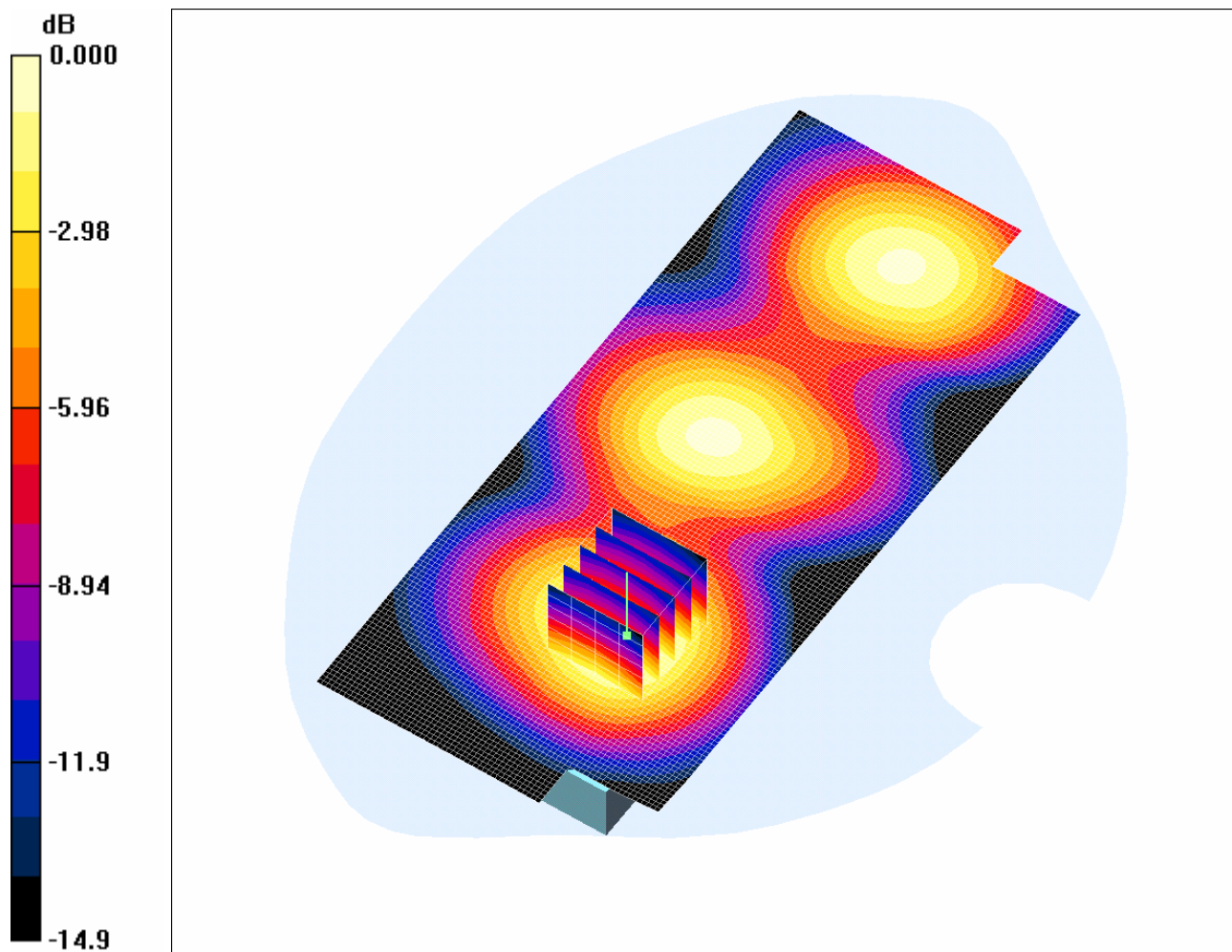
Test of: Panasonic Mobile Comms Dev of Europe Ltd
VS8x

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

SCN/72838JD03/009: Front Of EUT Open Facing Phantom Antenna Extended PCS CH660

DUT: Panasonic VS8x; Type: VS8x (Sample C6); Serial: 004401220294876

Date: 26/10/2007



0 dB = 0.141mW/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; $\sigma = 1.54$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³

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

Front Of EUT Facing Phantom Antenna Extended - Middle/Area Scan (71x161x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.140 mW/g

Front Of EUT Facing Phantom Antenna Extended - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.41 V/m; Power Drift = 0.239 dB

Peak SAR (extrapolated) = 0.200 W/kg

SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.081 mW/g

Maximum value of SAR (measured) = 0.141 mW/g

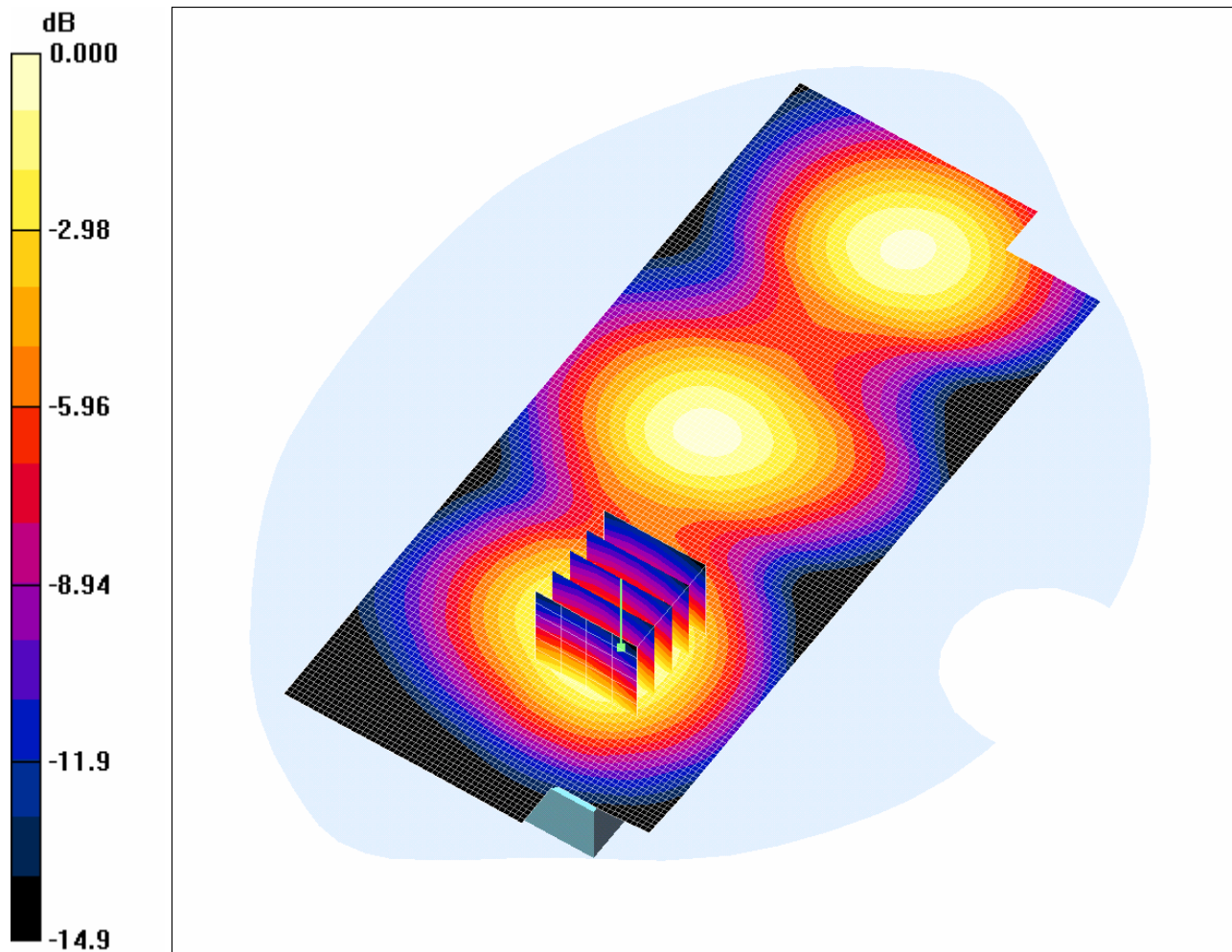
Test of: Panasonic Mobile Comms Dev of Europe Ltd
VS8x

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

SCN/72838JD03/010: Front Of EUT Open Facing Phantom Antenna Extended GPRS CH660

DUT: Panasonic VS8x; Type: VS8x (Sample C6); Serial: 004401220294876

Date: 26/10/2007



0 dB = 0.167mW/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; $\sigma = 1.54$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³

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

Front Of EUT Facing Phantom Antenna Extended - Middle/Area Scan (71x161x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.166 mW/g

Front Of EUT Facing Phantom Antenna Extended - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.40 V/m; Power Drift = 0.018 dB

Peak SAR (extrapolated) = 0.236 W/kg

SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.098 mW/g

Maximum value of SAR (measured) = 0.167 mW/g

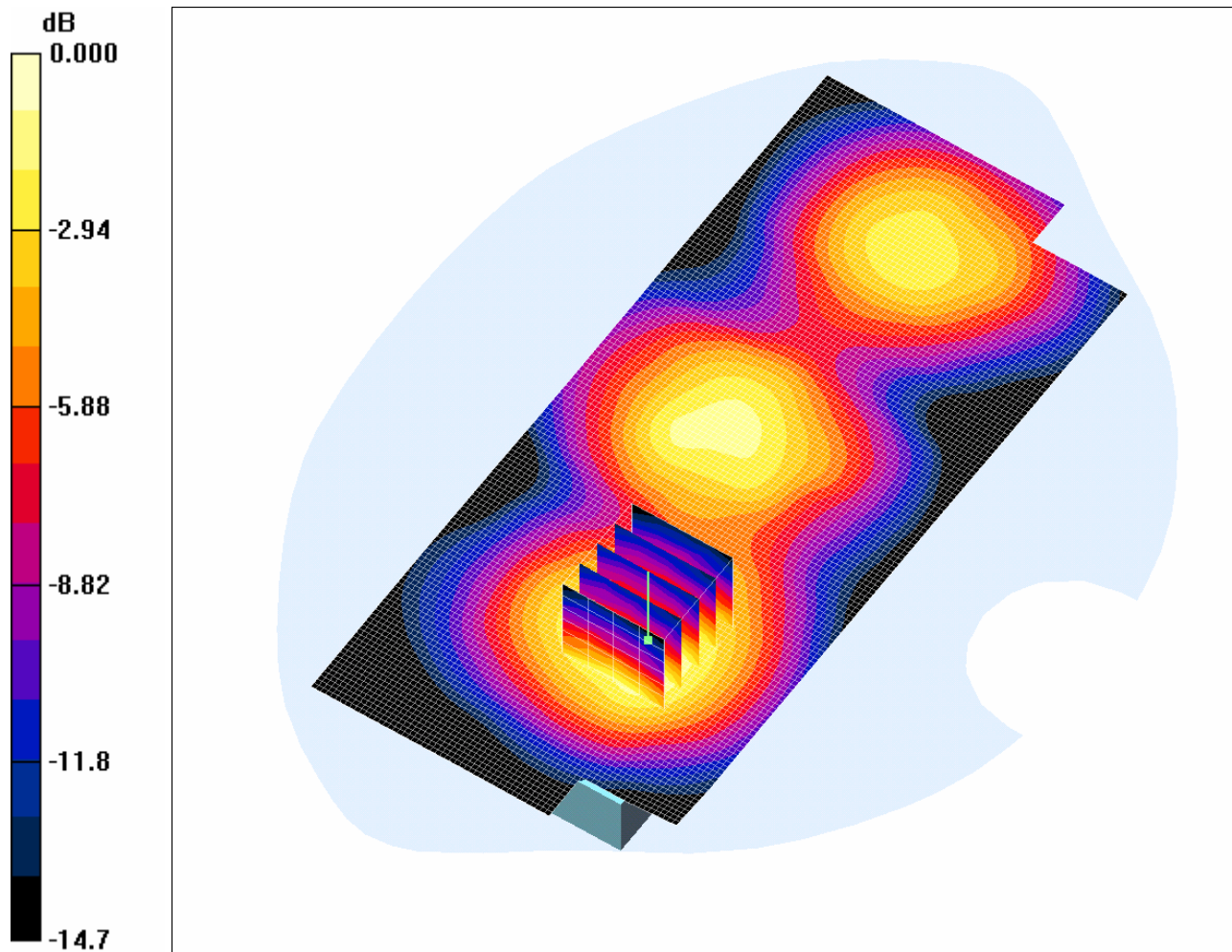
Test of: Panasonic Mobile Comms Dev of Europe Ltd
VS8x

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

SCN/72838JD03/011: Front Of EUT Open Facing Phantom Antenna Retracted GPRS CH660

DUT: Panasonic VS8x; Type: VS8x (Sample C6); Serial: 004401220294876

Date: 26/10/2007



0 dB = 0.166mW/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; $\sigma = 1.54$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³

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

Front Of EUT Facing Phantom Antenna Retracted - Middle/Area Scan (71x161x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.145 mW/g

Front Of EUT Facing Phantom Antenna Retracted - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.56 V/m; Power Drift = -0.183 dB

Peak SAR (extrapolated) = 0.270 W/kg

SAR(1 g) = 0.153 mW/g; SAR(10 g) = 0.093 mW/g

Maximum value of SAR (measured) = 0.166 mW/g

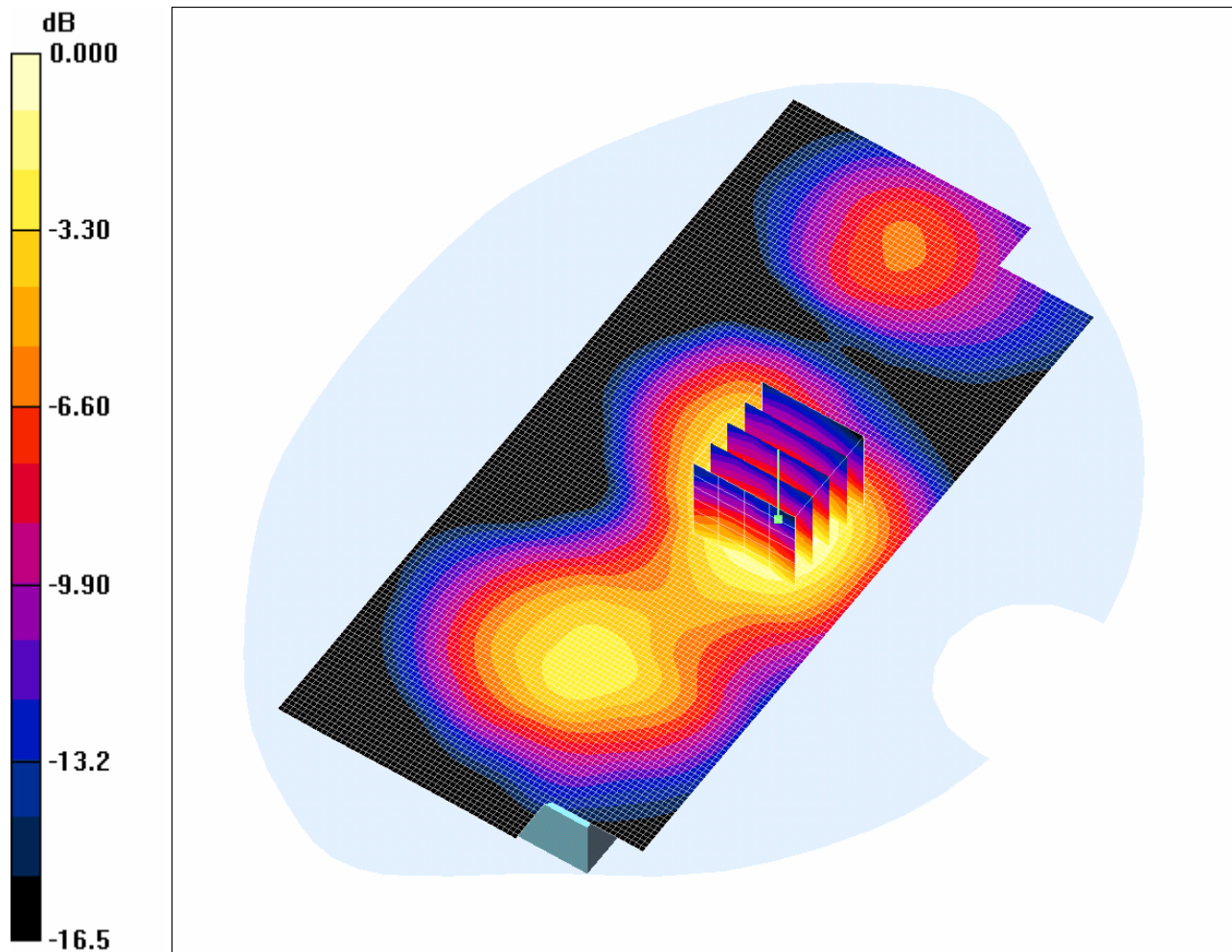
Test of: Panasonic Mobile Comms Dev of Europe Ltd
VS8x

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

SCN/72838JD03/012: Rear Of EUT Open Facing Phantom Antenna Extended GPRS CH660

DUT: Panasonic VS8x; Type: VS8x (Sample C6); Serial: 004401220294876

Date: 27/10/2007



0 dB = 0.244mW/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; $\sigma = 1.54$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³

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

Rear Of EUT Facing Phantom Antenna Extended - Middle/Area Scan (71x161x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.251 mW/g

Rear Of EUT Facing Phantom Antenna Extended - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.5 V/m; Power Drift = -0.076 dB

Peak SAR (extrapolated) = 0.361 W/kg

SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.130 mW/g

Maximum value of SAR (measured) = 0.244 mW/g

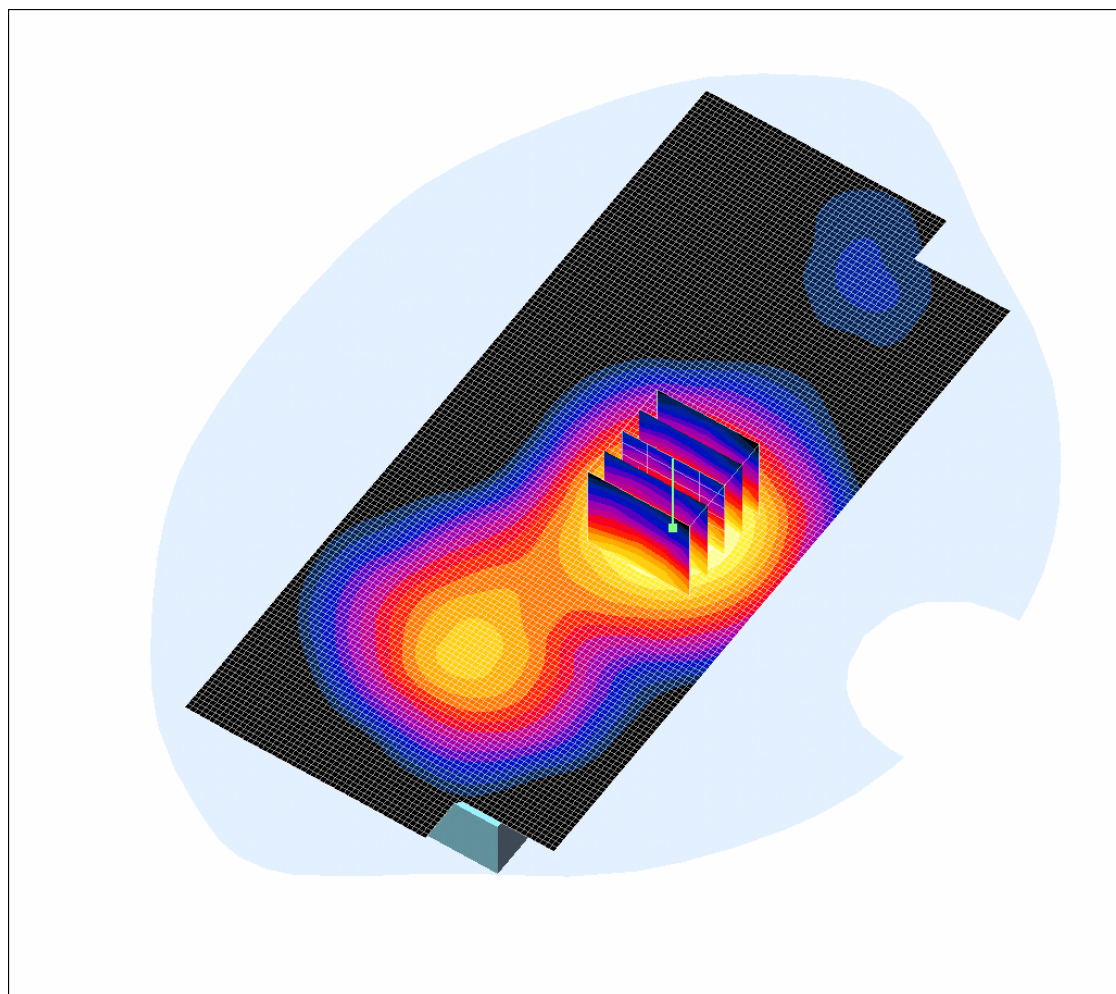
Test of: Panasonic Mobile Comms Dev of Europe Ltd
VS8x

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

SCN/72838JD03/013: Rear Of EUT Open Facing Phantom Antenna Retracted GPRS CH660

DUT: Panasonic VS8x; Type: VS8x (Sample C6); Serial: 004401220294876

Date: 27/10/2007



0 dB = 0.321mW/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; $\sigma = 1.54$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³

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

Rear Of EUT Facing Phantom Antenna Retracted - Middle/Area Scan (71x161x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.326 mW/g

Rear Of EUT Facing Phantom Antenna Retracted - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.2 V/m; Power Drift = -0.065 dB

Peak SAR (extrapolated) = 0.499 W/kg

SAR(1 g) = 0.292 mW/g; SAR(10 g) = 0.171 mW/g

Maximum value of SAR (measured) = 0.321 mW/g

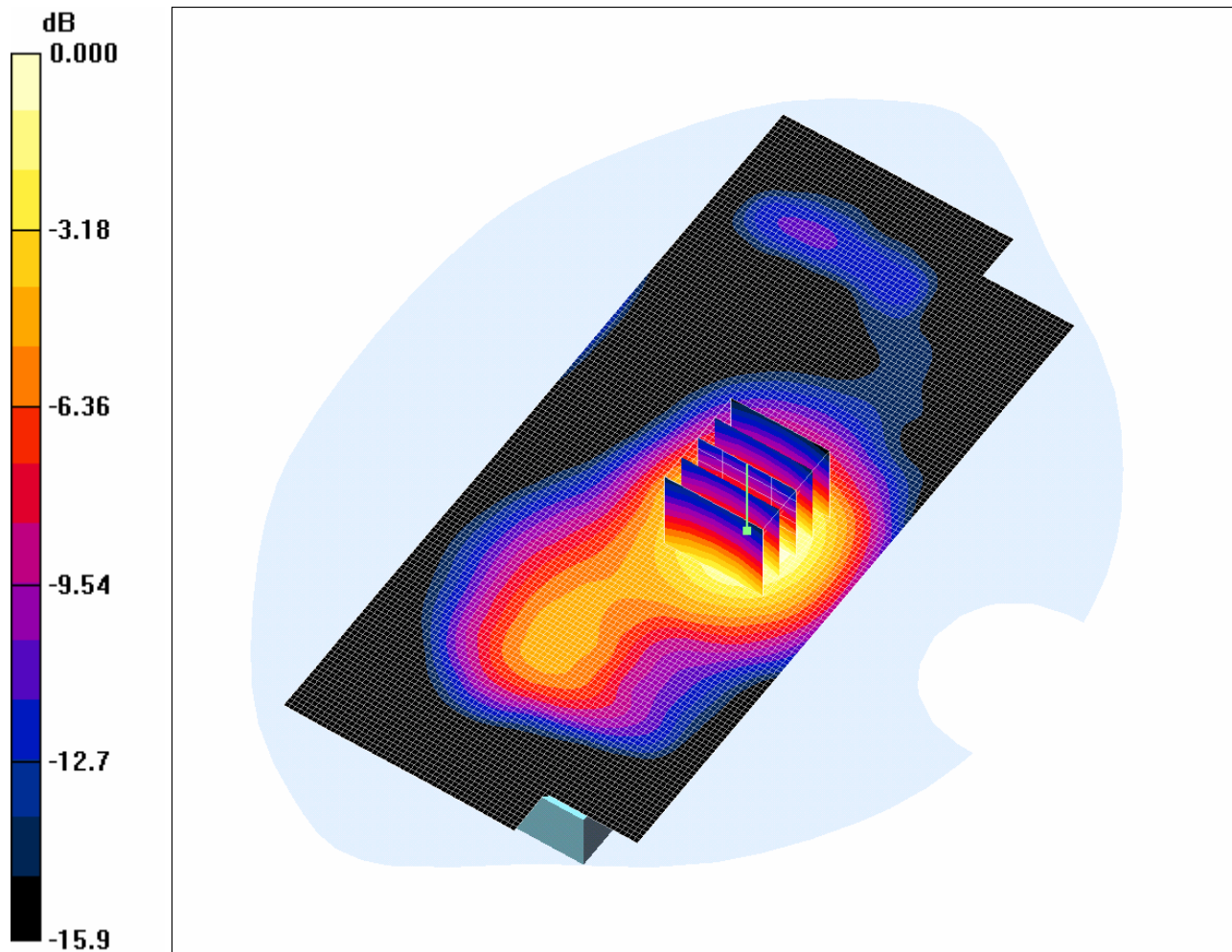
Test of: Panasonic Mobile Comms Dev of Europe Ltd
VS8x

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

SCN/72838JD03/014: Rear Of EUT Open Facing Phantom Antenna Retracted With PHF GPRS CH660

DUT: Panasonic VS8x; Type: VS8x (Sample C6); Serial: 004401220294876

Date: 27/10/2007



0 dB = 0.369mW/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; $\sigma = 1.54$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³

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

Rear Of EUT Facing Phantom Antenna Retracted With PHF - Middle/Area Scan (71x161x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.380 mW/g

Rear Of EUT Facing Phantom Antenna Retracted With PHF - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.5 V/m; Power Drift = -0.079 dB

Peak SAR (extrapolated) = 0.551 W/kg

SAR(1 g) = 0.342 mW/g; SAR(10 g) = 0.205 mW/g

Maximum value of SAR (measured) = 0.369 mW/g

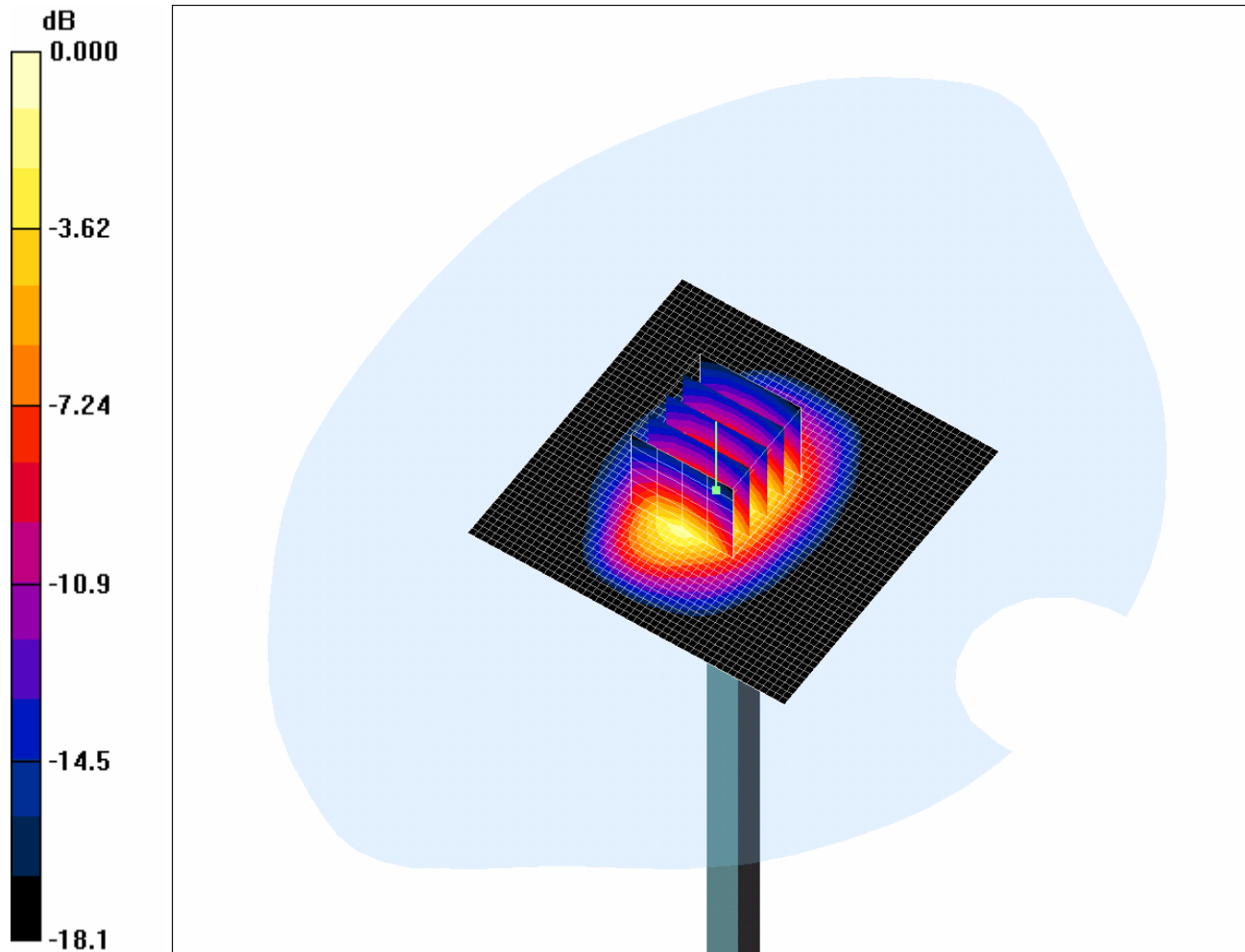
Test of: Panasonic Mobile Comms Dev of Europe Ltd
VS8x

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

SCN/72838JD03/015: System Performance Check 1900MHz Body 27 10 07

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

Date: 27/10/2007



0 dB = 10.7mW/g

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium: 1900 MHz MSL Medium parameters used: $f = 1900$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 50.7$; $\rho = 1000$ kg/m³
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) = 13.1 mW/g

d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 84.5 V/m; Power Drift = 0.055 dB
Peak SAR (extrapolated) = 16.9 W/kg
SAR(1 g) = 9.5 mW/g; SAR(10 g) = 4.93 mW/g
Maximum value of SAR (measured) = 10.7 mW/g

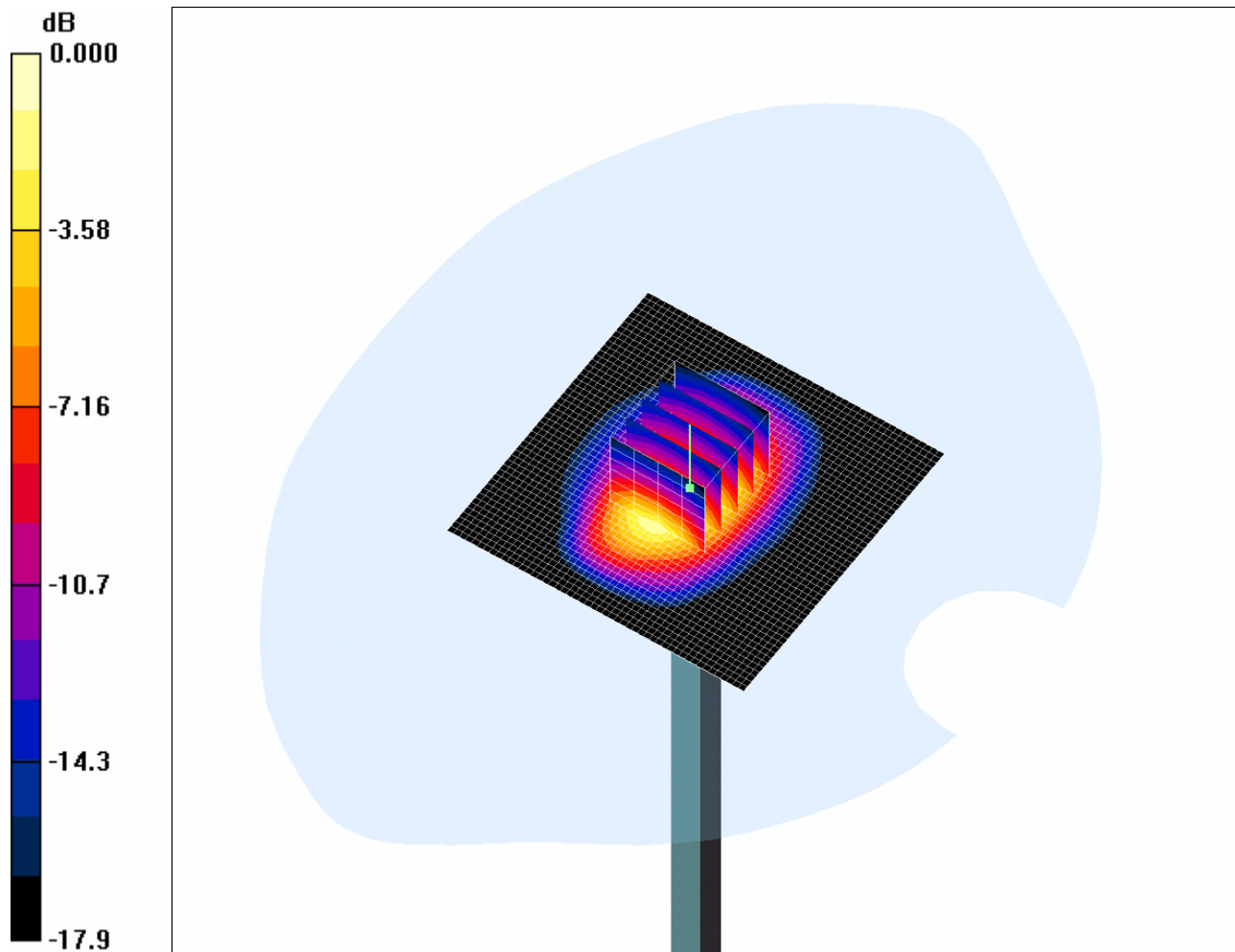
Test of: Panasonic Mobile Comms Dev of Europe Ltd
VS8x

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

SCN/72838JD03/016: System Performance Check 1900MHz Head 26 10 07

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

Date: 26/10/2007



0 dB = 10.1mW/g

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

Medium: 1900 MHz HSL Medium parameters used: $f = 1900$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

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 12a; Type: SAM 4.0; Serial: TP:1193

- 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) = 13.0 mW/g

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

Reference Value = 86.2 V/m; Power Drift = 0.127 dB

Peak SAR (extrapolated) = 15.5 W/kg

SAR(1 g) = 9 mW/g; SAR(10 g) = 4.73 mW/g

Maximum value of SAR (measured) = 10.1 mW/g

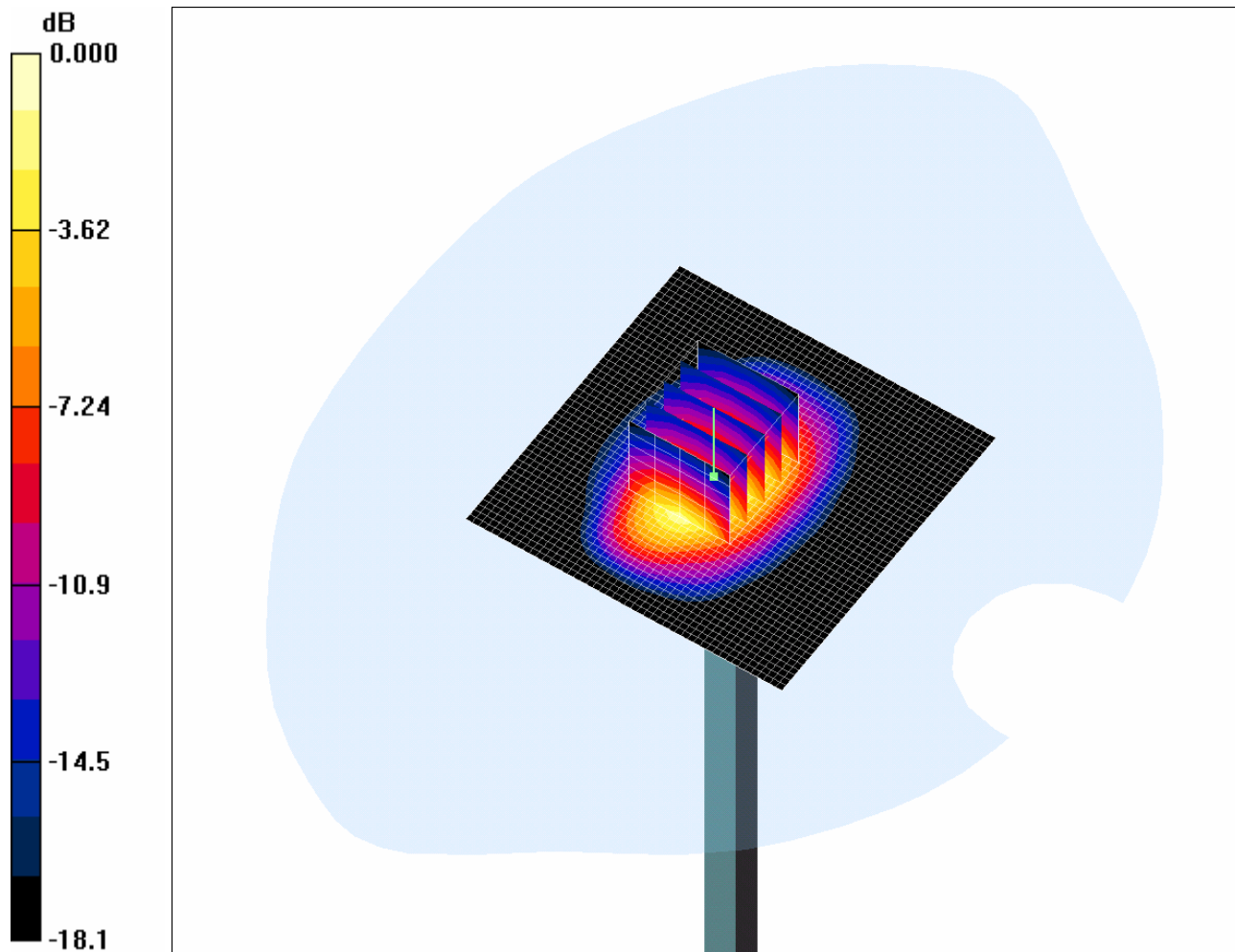
Test of: Panasonic Mobile Comms Dev of Europe Ltd
VS8x

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

SCN/72838JD03/017: System Performance Check 1900MHz Body 26 10 07

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

Date: 26/10/2007



0 dB = 10.9mW/g

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium: 1900 MHz MSL Medium parameters used: $f = 1900$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 50.7$; $\rho = 1000$ kg/m³
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) = 13.3 mW/g

d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 85.1 V/m; Power Drift = 0.052 dB
Peak SAR (extrapolated) = 17.3 W/kg
SAR(1 g) = 9.68 mW/g; SAR(10 g) = 5.01 mW/g
Maximum value of SAR (measured) = 10.9 mW/g