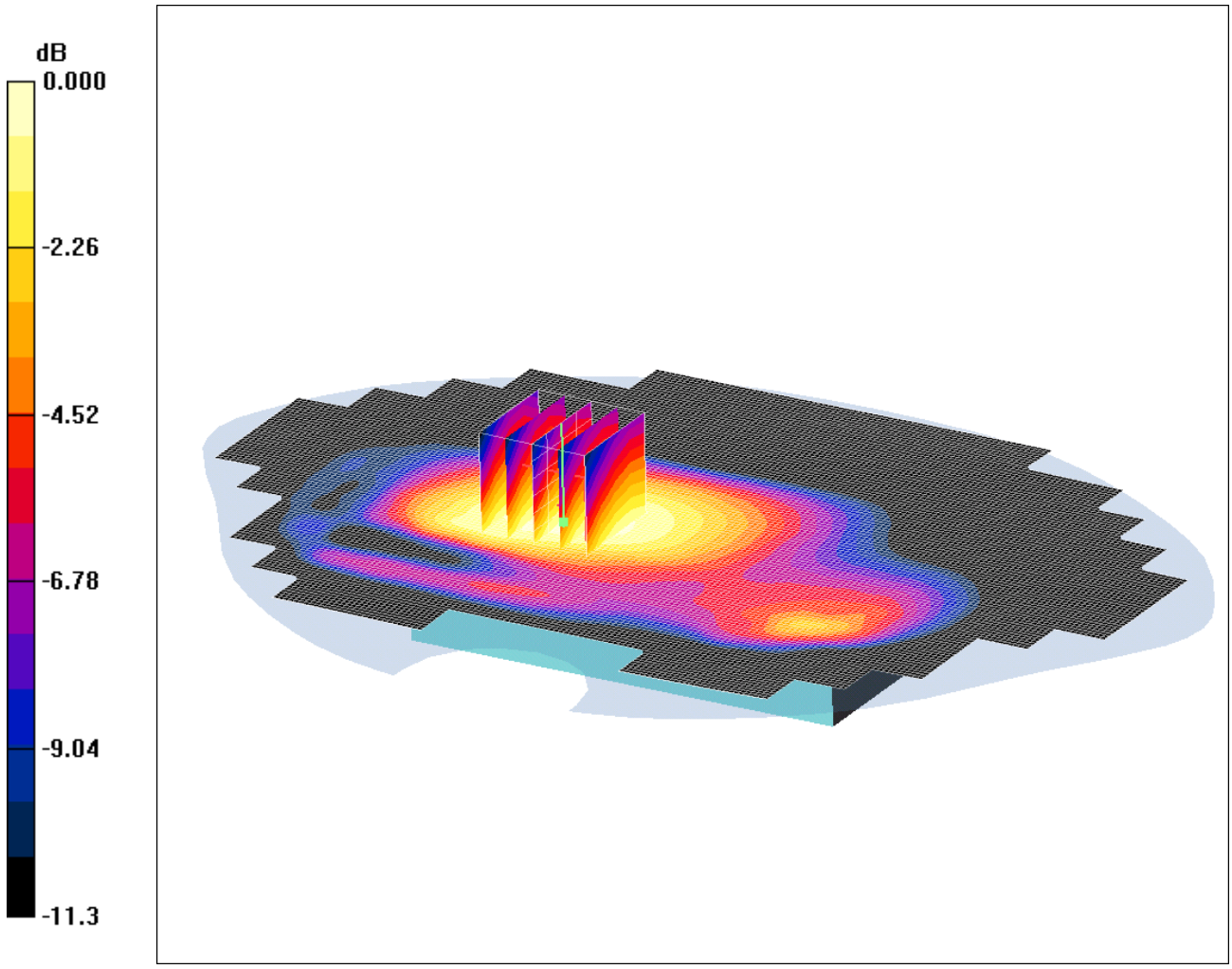
SCN/81533JD05/050: Rear of EUT Facing Phantom Antenna Retracted with PHF Hotspot Mode GSM CH128
Date 07/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Retracted); Serial: 356333040014081

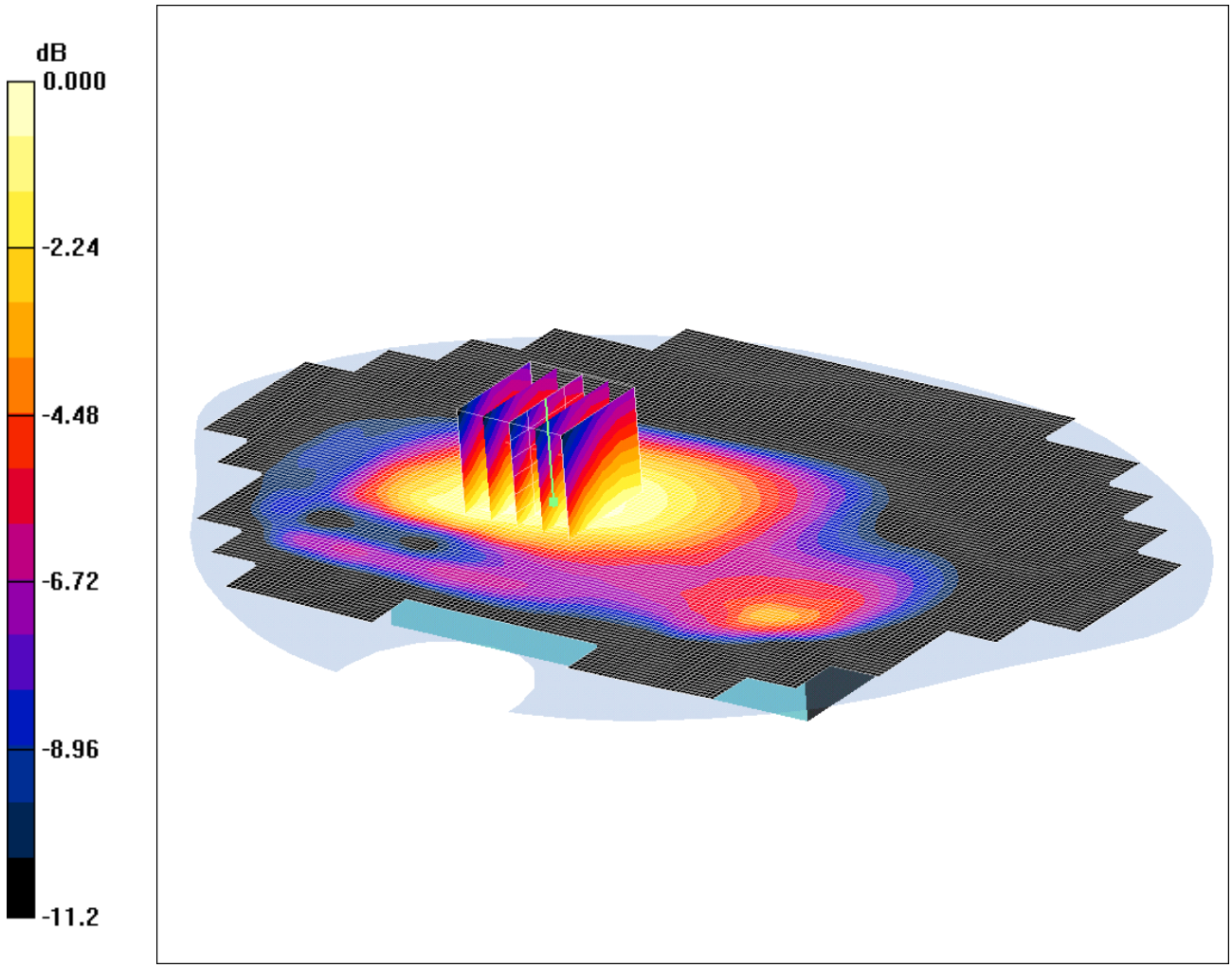


0 dB = 0.793mW/g

Communication System: 850 MHz; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 824.2 MHz; σ = 1.04 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.54, 10.54, 10.54); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 EUT Facing Phantom Antenna Retracted - Middle/Area Scan (121x181x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.756 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 = 23.7 V/m; Power Drift = -0.115 dB
Peak SAR (extrapolated) = 0.900 W/kg
SAR(1 g) = 0.699 mW/g; SAR(10 g) = 0.523 mW/g
Maximum value of SAR (measured) = 0.793 mW/g

SCN/81533JD05/051: Rear of EUT Facing Phantom Antenna Retracted with PHF Hotspot Mode GSM CH251
Date 07/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Retracted); Serial: 356333040014081

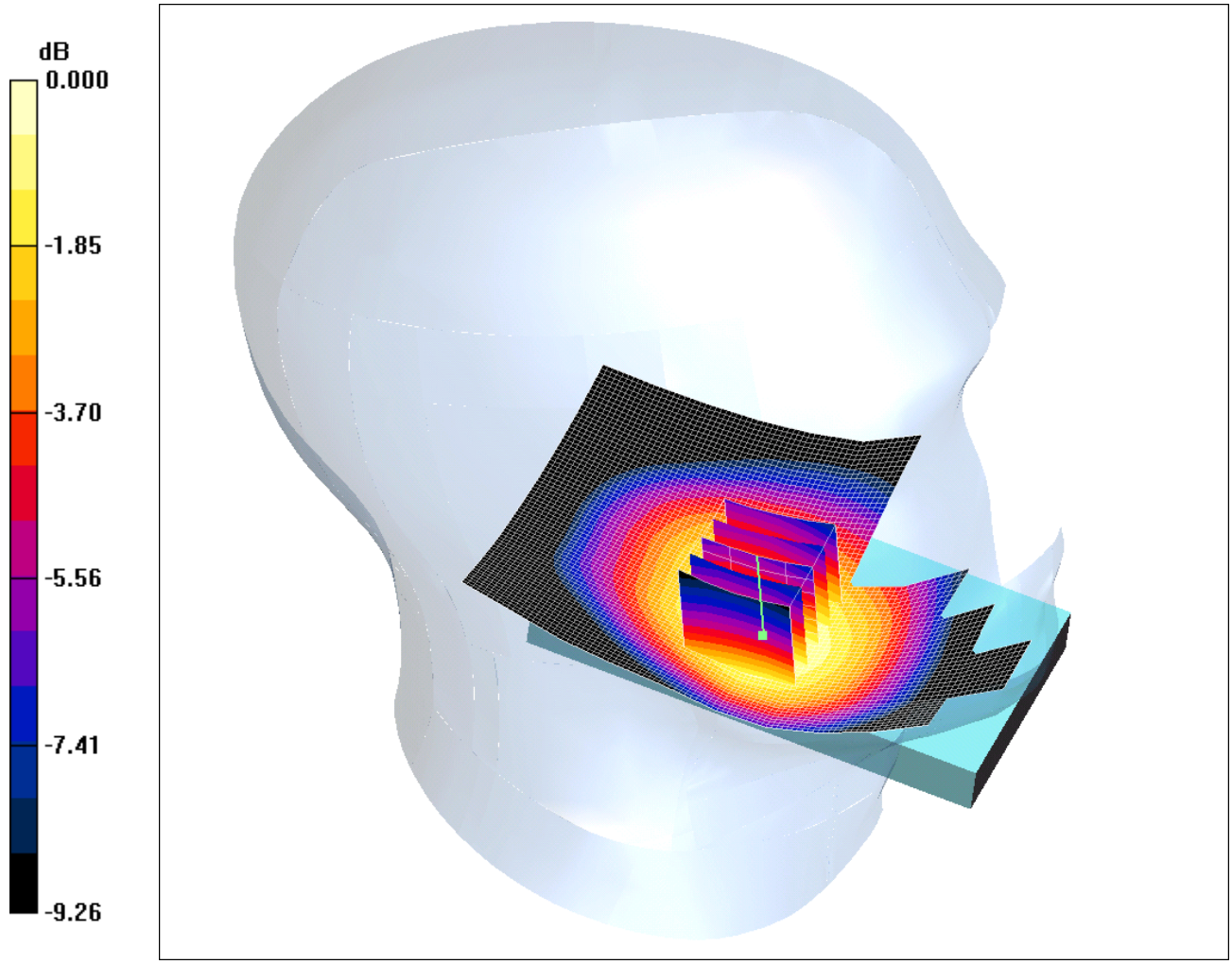


0 dB = 0.979mW/g

Communication System: 850 MHz; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 848.8 MHz; σ = 1.06 mho/m; ε_r = 53.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.27, 10.27, 10.27); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 EUT Facing Phantom Antenna Retracted - High/Area Scan (121x181x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.930 mW/g
Rear Of EUT Facing Phantom Antenna Retracted - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.5 V/m; Power Drift = -0.129 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.860 mW/g; SAR(10 g) = 0.641 mW/g
Maximum value of SAR (measured) = 0.979 mW/g

SCN/81533JD05/052: Touch Left Antenna Retracted UMTS FDD V CH4183
Date 06/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C; Serial: 356333040014081

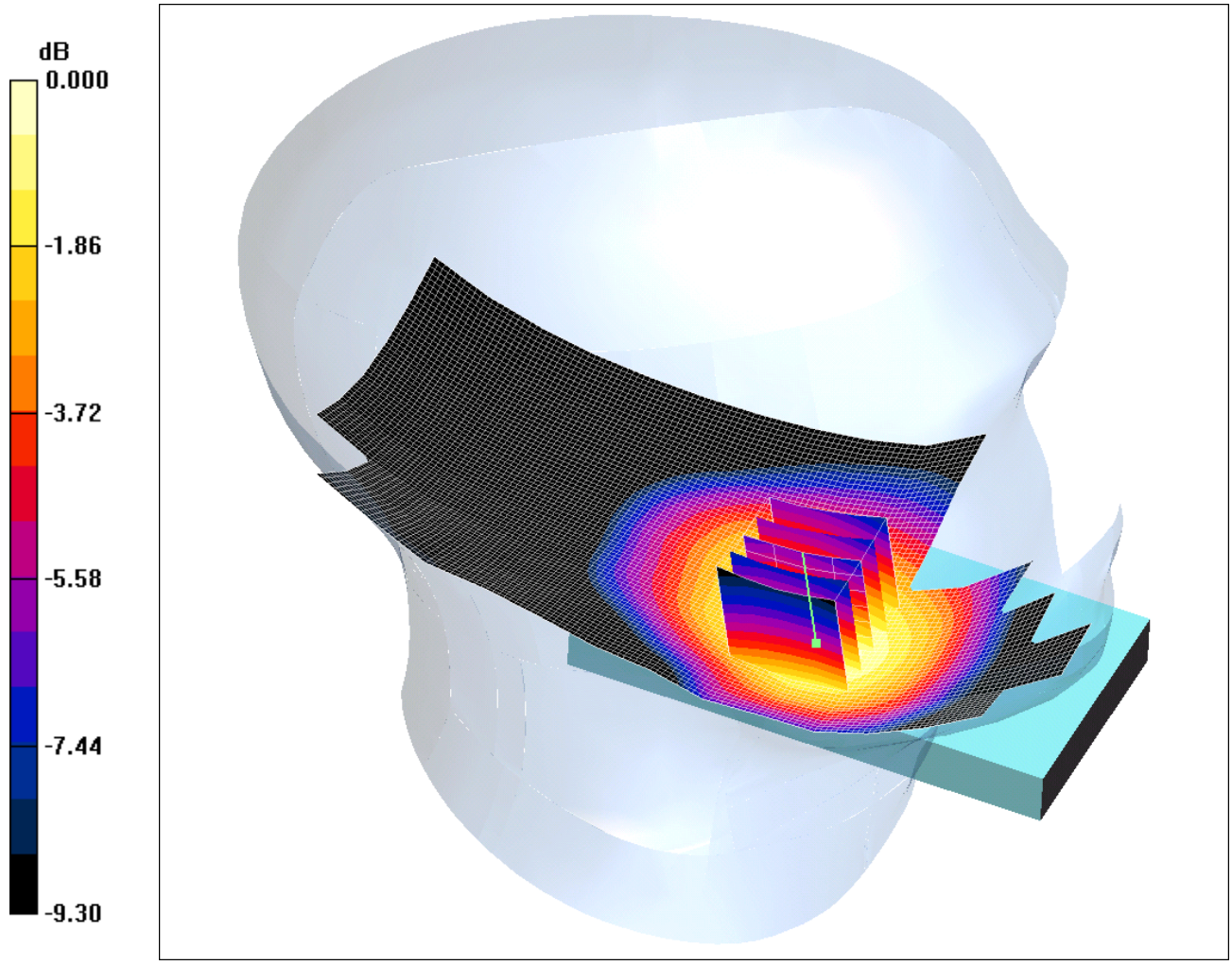


0 dB = 0.561mW/g

Communication System: UMTS-FDD V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz HSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.895 mho/m; ε_r = 42.2; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.73, 10.73, 10.73); Calibrated: 15/02/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 - Middle/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.554 mW/g
Touch Left - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.39 V/m; Power Drift = -0.043 dB
Peak SAR (extrapolated) = 0.629 W/kg
SAR(1 g) = 0.501 mW/g; SAR(10 g) = 0.380 mW/g
Maximum value of SAR (measured) = 0.561 mW/g

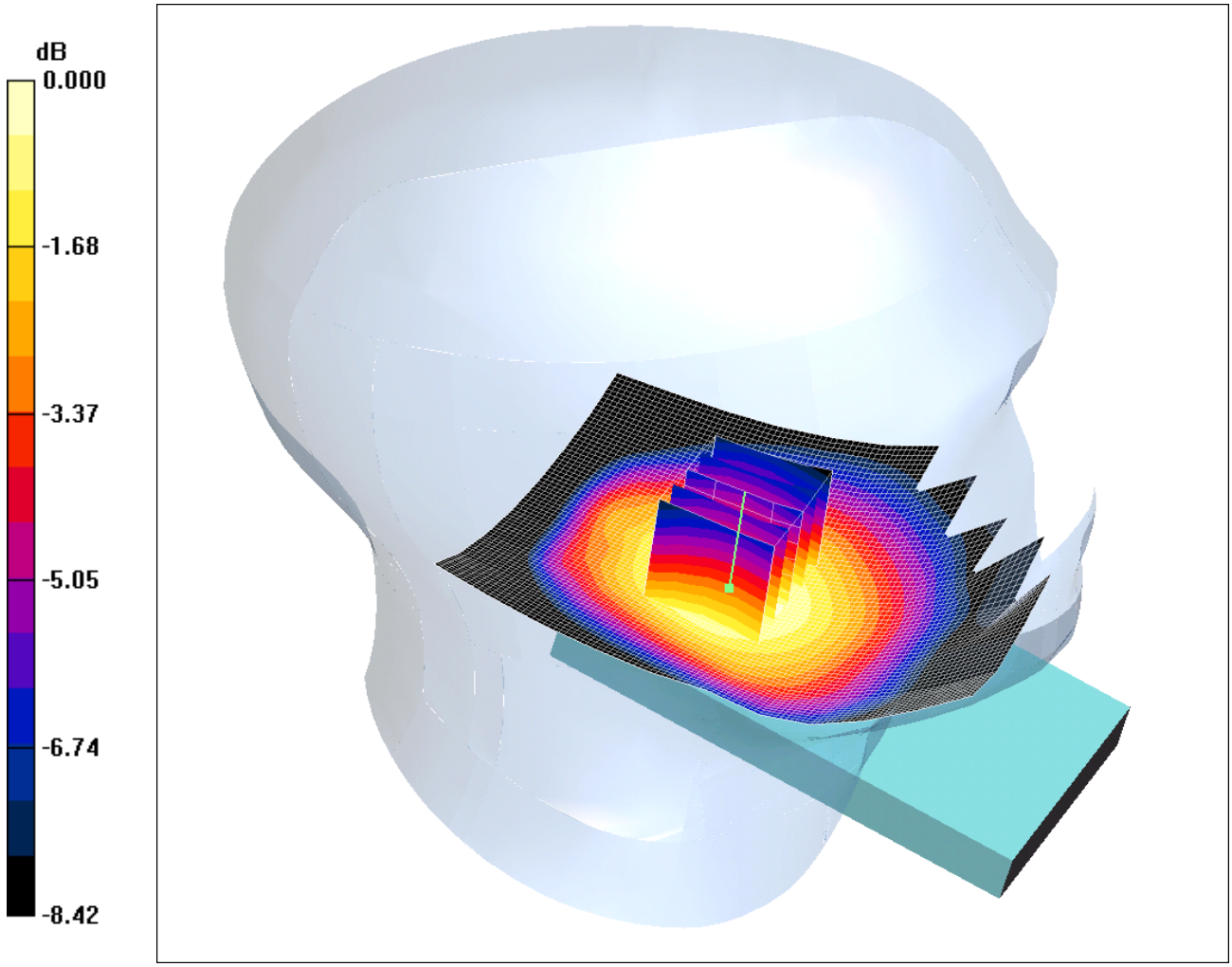
SCN/81533JD05/053: Touch Left Antenna Extended UMTS FDD V CH4183
Date 06/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C; Serial: 356333040014081



0 dB = 0.540mW/g

Communication System: UMTS-FDD V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz HSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.895 mho/m; ε_r = 42.2; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.73, 10.73, 10.73); Calibrated: 15/02/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 Extended - Middle/Area Scan (71x141x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.537 mW/g
Touch Left Extended - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.83 V/m; Power Drift = 0.007 dB
Peak SAR (extrapolated) = 0.608 W/kg
SAR(1 g) = 0.484 mW/g; SAR(10 g) = 0.368 mW/g
Maximum value of SAR (measured) = 0.540 mW/g

SCN/81533JD05/054: Tilt Left Antenna Retracted UMTS FDD V CH4183
Date 06/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C; Serial: 356333040014081

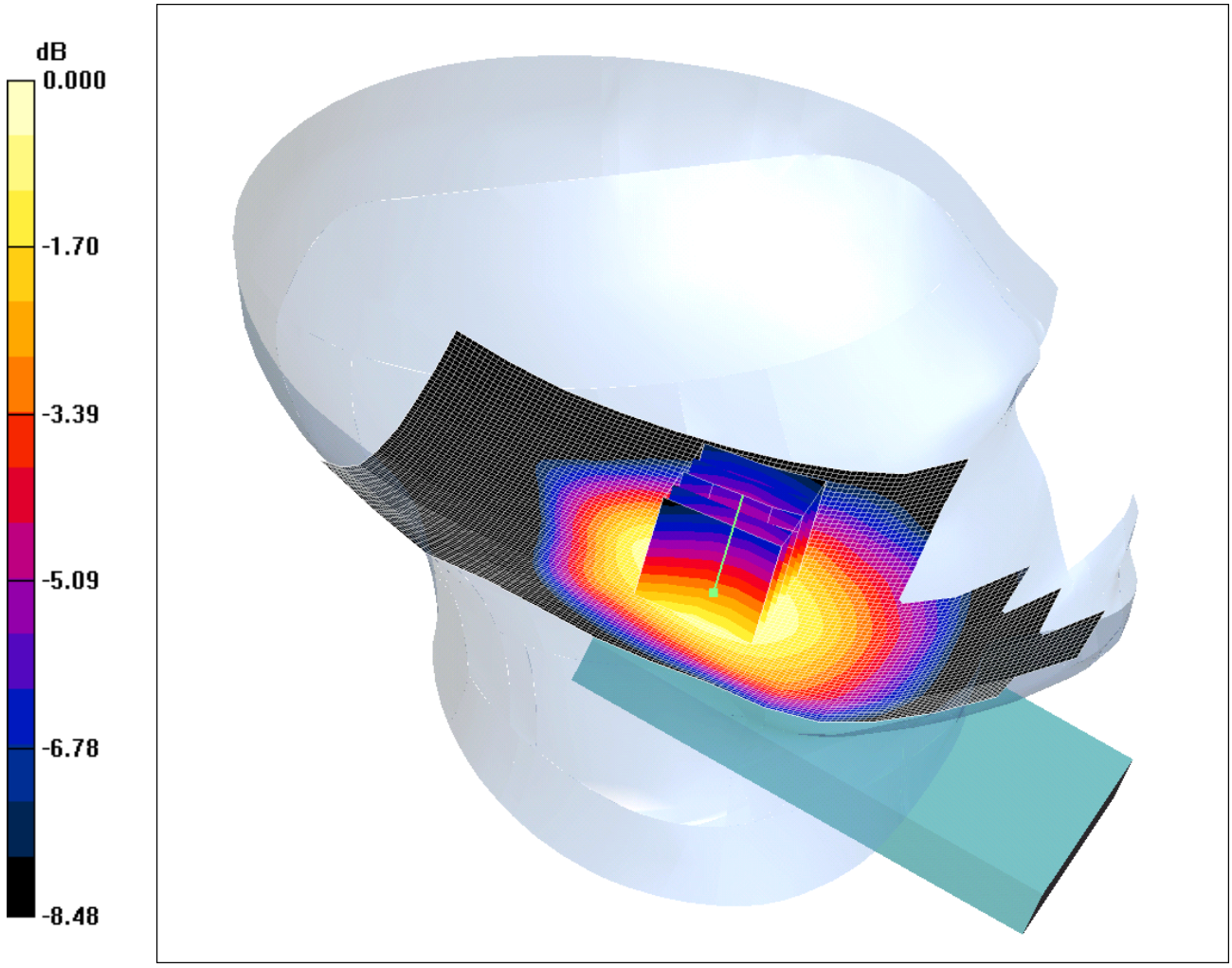


0 dB = 0.359mW/g

Communication System: UMTS-FDD V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz HSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.895 mho/m; ε_r = 42.2; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.73, 10.73, 10.73); Calibrated: 15/02/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 Retracted - Middle/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.360 mW/g
Tilt Left Retracted - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.2 V/m; Power Drift = 0.101 dB
Peak SAR (extrapolated) = 0.404 W/kg
SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.247 mW/g
Maximum value of SAR (measured) = 0.359 mW/g

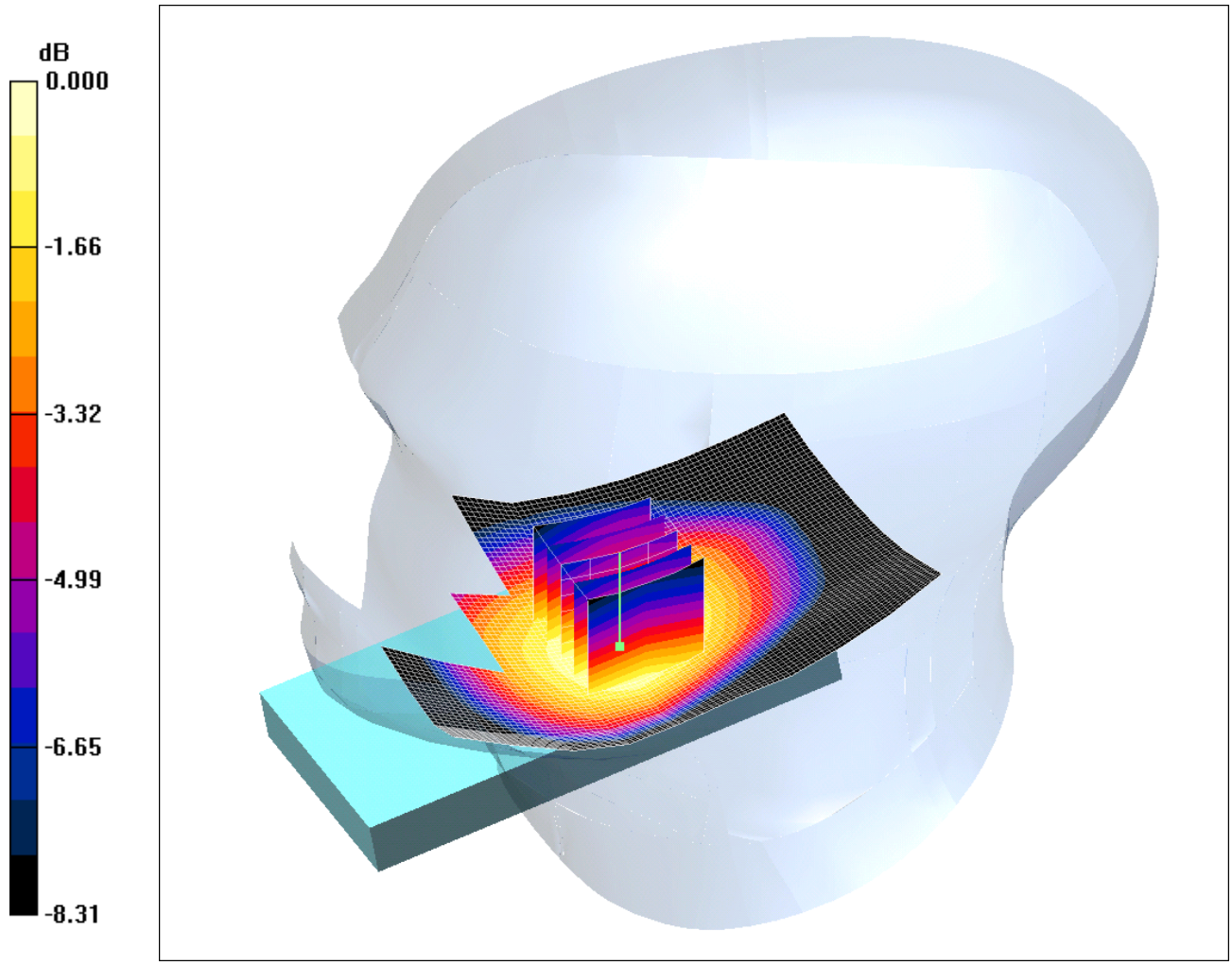
SCN/81533JD05/055: Tilt Left Antenna Extended UMTS FDD V CH4183
Date 06/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Extended); Serial: 356333040014081



0 dB = 0.357mW/g

Communication System: UMTS-FDD V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz HSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.895 mho/m; ε_r = 42.2; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.73, 10.73, 10.73); Calibrated: 15/02/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 Extended - Middle/Area Scan (71x141x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.358 mW/g
Tilt Left Extended - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.7 V/m; Power Drift = 0.132 dB
Peak SAR (extrapolated) = 0.401 W/kg
SAR(1 g) = 0.319 mW/g; SAR(10 g) = 0.242 mW/g
Maximum value of SAR (measured) = 0.357 mW/g

SCN/81533JD05/056: Touch Right Antenna Retracted UMTS FDD V CH4183
Date 06/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Retracted); Serial: 356333040014081

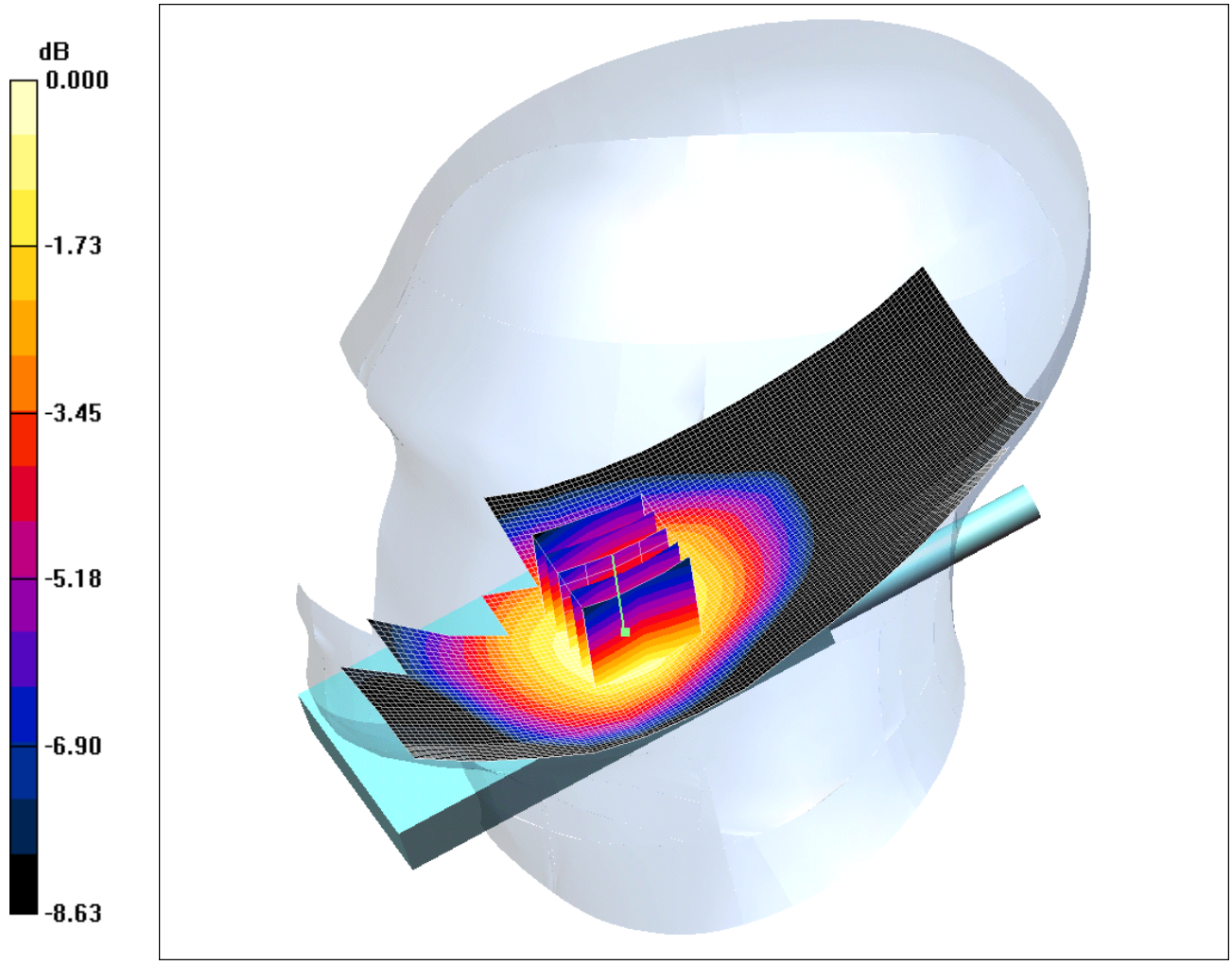


0 dB = 0.590mW/g

Communication System: UMTS-FDD V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz HSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.895 mho/m; ε_r = 42.2; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.73, 10.73, 10.73); Calibrated: 15/02/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 Retracted - Middle/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.590 mW/g
Touch Right Retracted - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.96 V/m; Power Drift = -0.134 dB
Peak SAR (extrapolated) = 0.654 W/kg
SAR(1 g) = 0.532 mW/g; SAR(10 g) = 0.409 mW/g
Maximum value of SAR (measured) = 0.590 mW/g

SCN/81533JD05/057: Touch Right Antenna Extended UMTS FDD V CH4183
Date 06/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Extended); Serial: 356333040014081

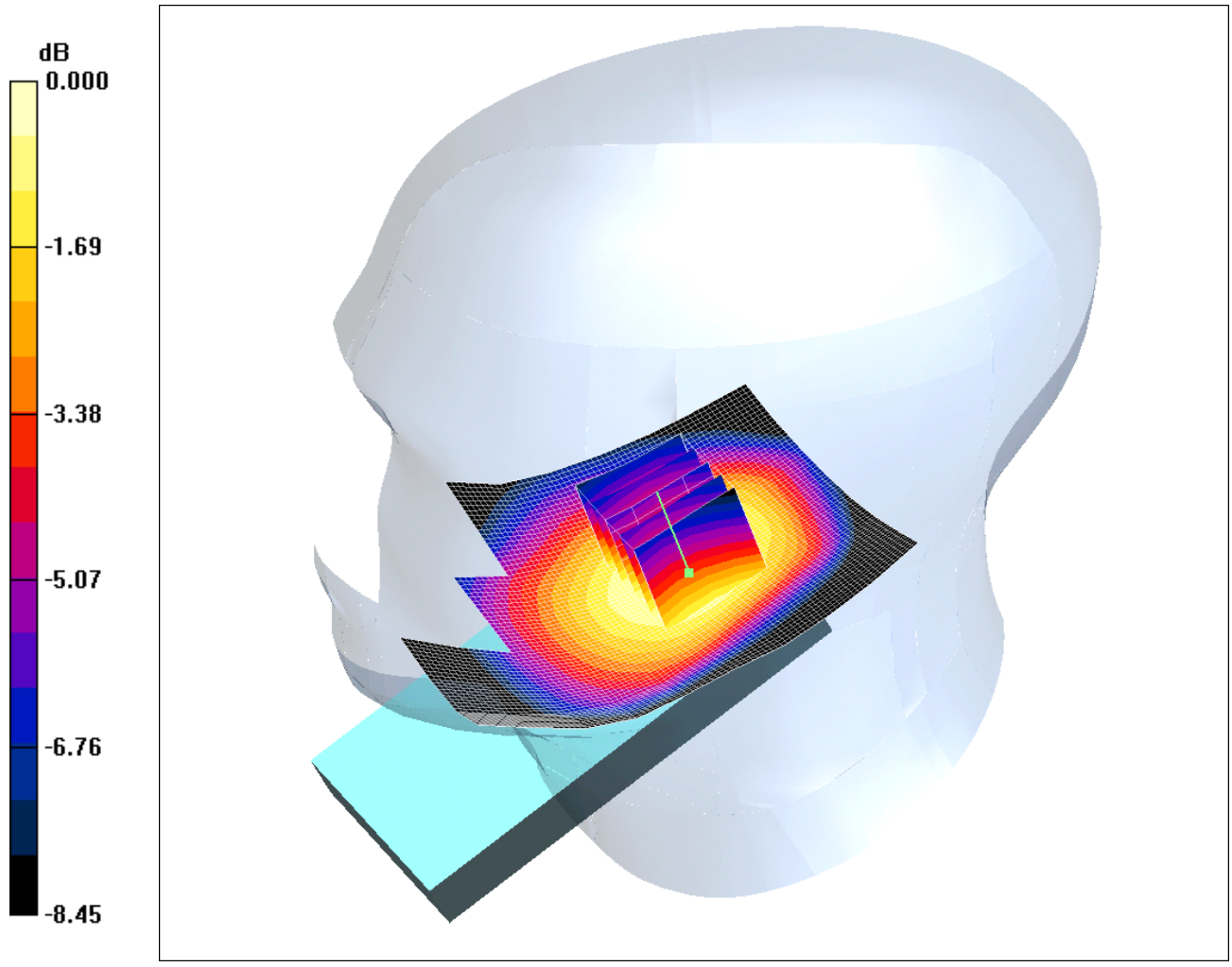


0 dB = 0.597mW/g

Communication System: UMTS-FDD V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz HSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.895 mho/m; ε_r = 42.2; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.73, 10.73, 10.73); Calibrated: 15/02/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 Extended - Middle/Area Scan (71x141x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.591 mW/g
Touch Right Extended - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.22 V/m; Power Drift = 0.229 dB
Peak SAR (extrapolated) = 0.660 W/kg
SAR(1 g) = 0.540 mW/g; SAR(10 g) = 0.414 mW/g
Maximum value of SAR (measured) = 0.597 mW/g

SCN/81533JD05/058: Tilt Right Antenna Retracted UMTS FDD V CH4183
Date 06/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Retracted); Serial: 356333040014081

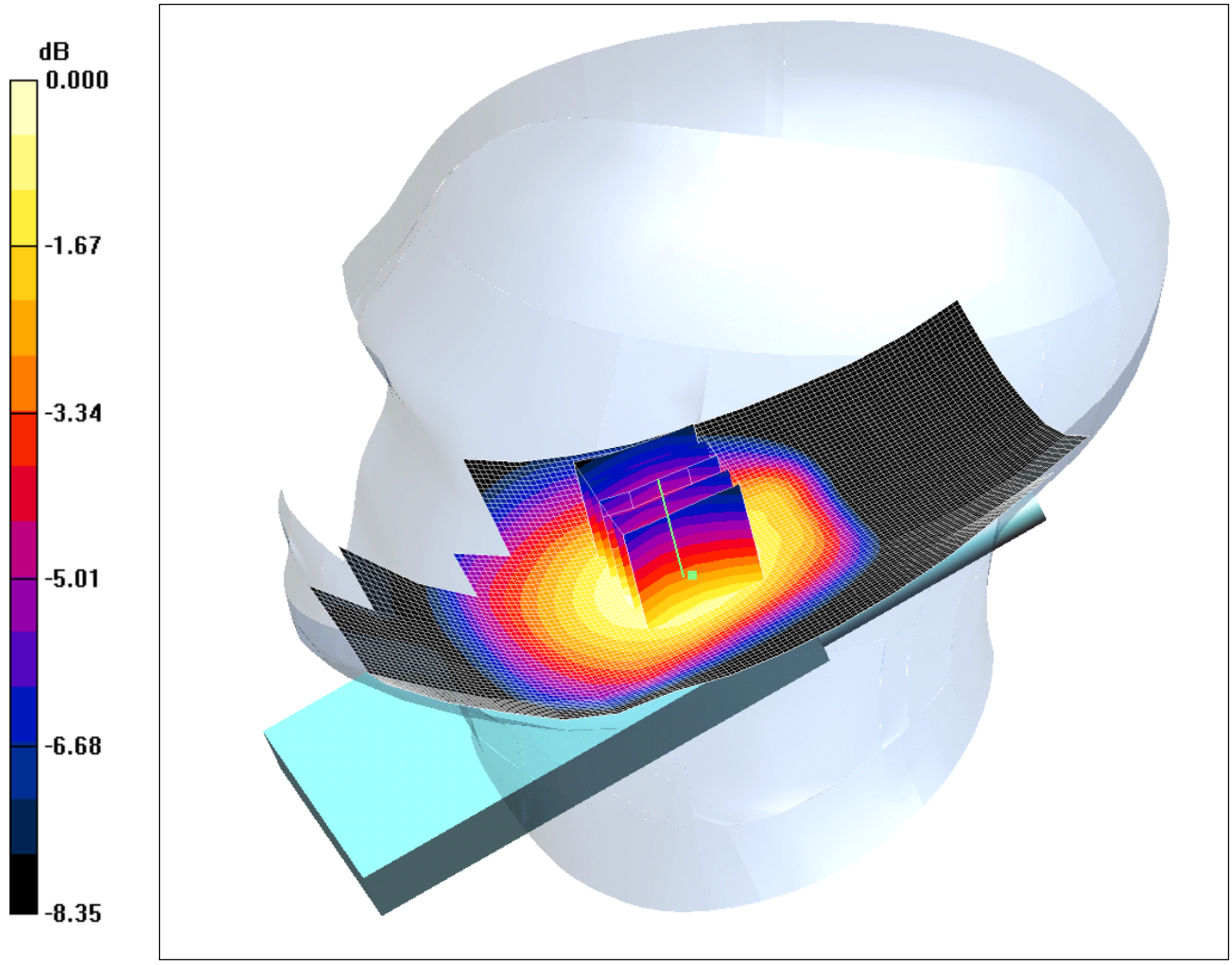


0 dB = 0.381mW/g

Communication System: UMTS-FDD V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz HSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.895 mho/m; ε_r = 42.2; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.73, 10.73, 10.73); Calibrated: 15/02/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 Right Retracted - Middle/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.380 mW/g
Tilt Right Retracted - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.6 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 0.422 W/kg
SAR(1 g) = 0.340 mW/g; SAR(10 g) = 0.260 mW/g
Maximum value of SAR (measured) = 0.381 mW/g

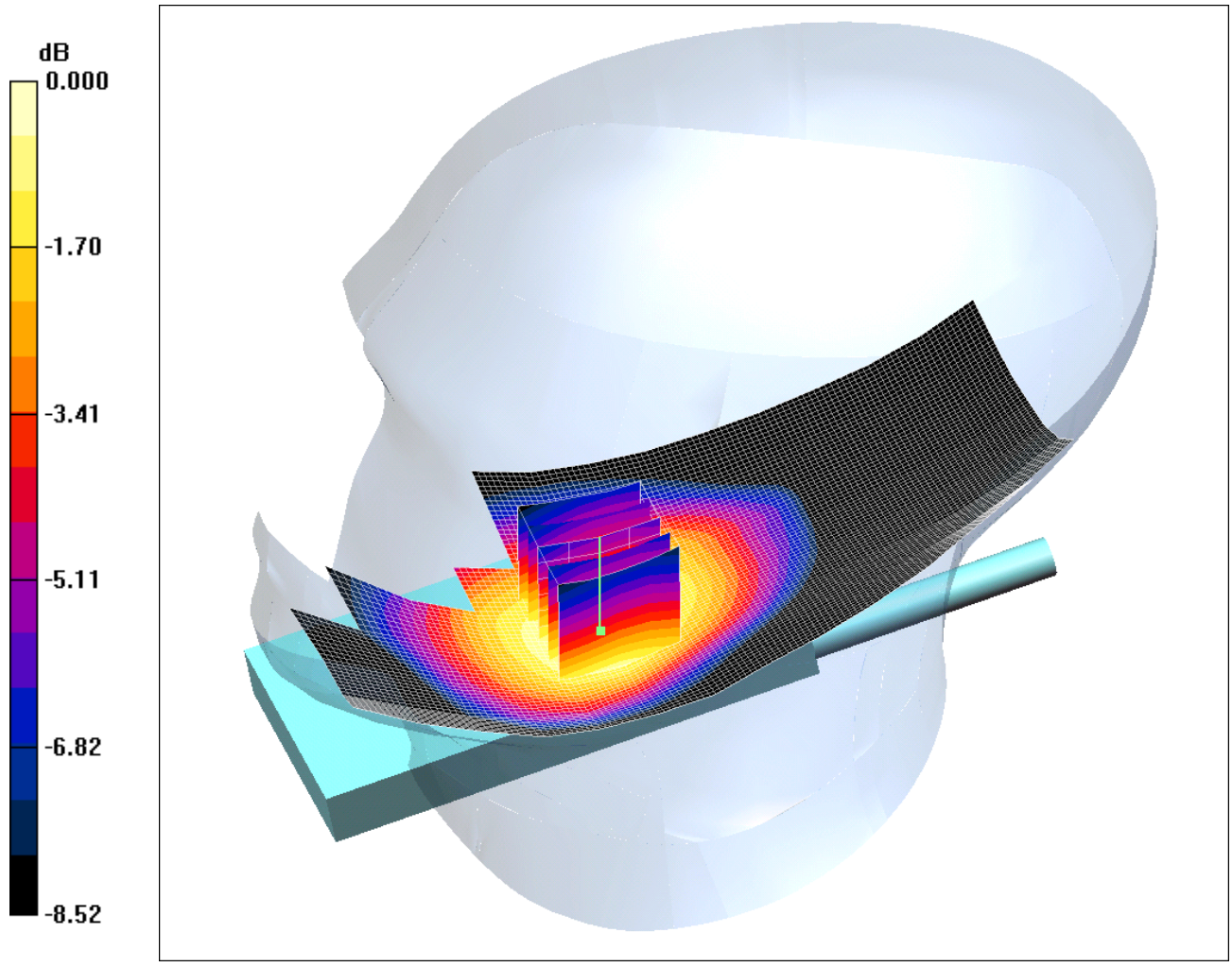
SCN/81533JD05/059: Tilt Right Antenna Extended UMTS FDD V CH4183
Date 06/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Extended); Serial: 356333040014081



0 dB = 0.374mW/g

Communication System: UMTS-FDD V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz HSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.895 mho/m; ε_r = 42.2; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.73, 10.73, 10.73); Calibrated: 15/02/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 Right Extended - Middle/Area Scan (71x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.380 mW/g
Tilt Right Extended - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.1 V/m; Power Drift = -0.050 dB
Peak SAR (extrapolated) = 0.421 W/kg
SAR(1 g) = 0.336 mW/g; SAR(10 g) = 0.257 mW/g
Maximum value of SAR (measured) = 0.374 mW/g

SCN/81533JD05/060: Touch Right Antenna Extended UMTS FDD V + HSDPA CH4183
Date 06/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Extended); Serial: 356333040014081

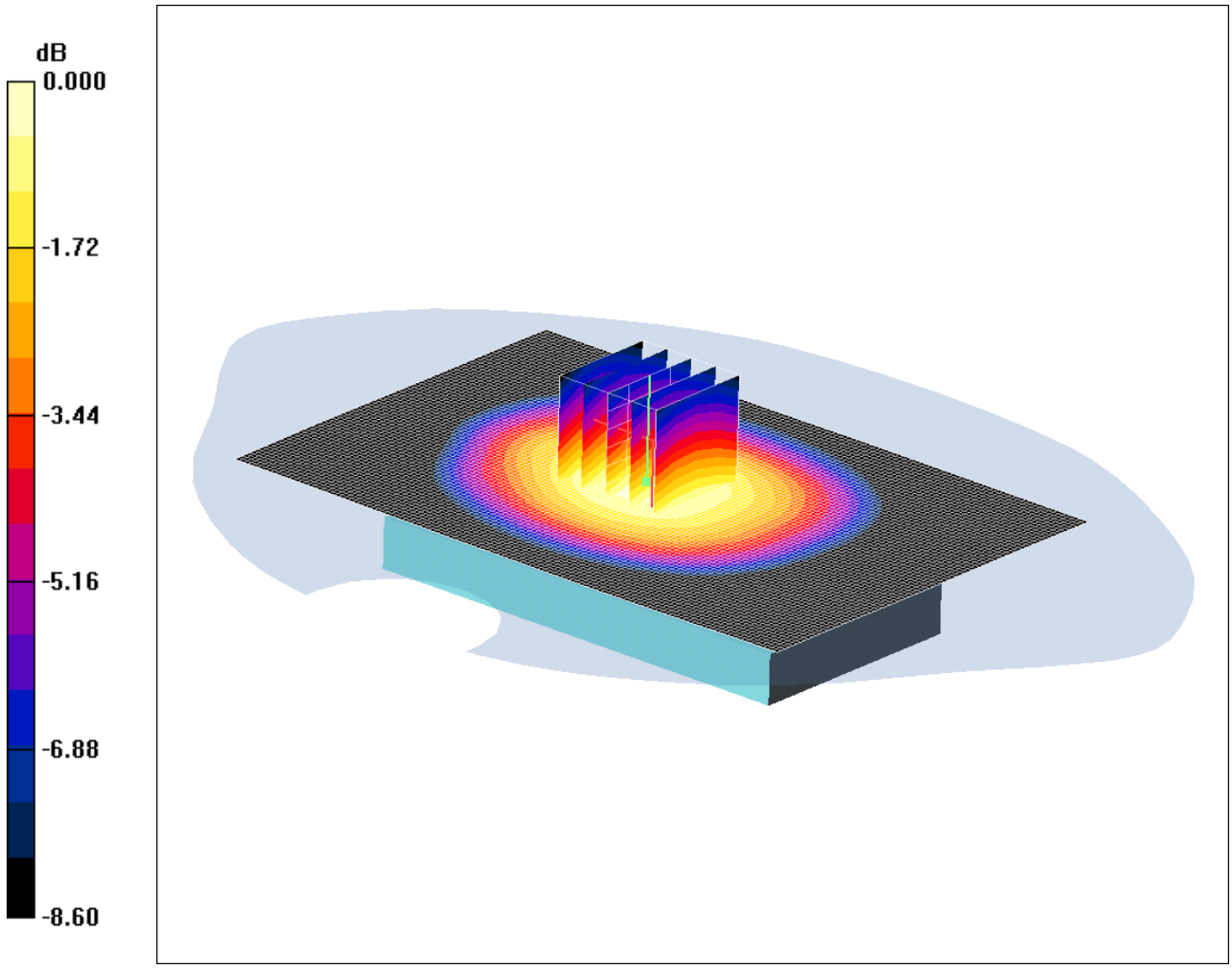


0 dB = 0.578mW/g

Communication System: UMTS-FDD V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz HSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.895 mho/m; ε_r = 42.2; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.73, 10.73, 10.73); Calibrated: 15/02/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 Extended - Middle/Area Scan (71x141x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.578 mW/g
Touch Right Extended - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.82 V/m; Power Drift = 0.058 dB
Peak SAR (extrapolated) = 0.640 W/kg
SAR(1 g) = 0.521 mW/g; SAR(10 g) = 0.401 mW/g
Maximum value of SAR (measured) = 0.578 mW/g

SCN/81533JD05/061: Front of EUT Facing Phantom Antenna Retracted with PHF Hotspot Mode UMTS FDD V CH4183
Date 08/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Retracted); Serial: 356333040014081

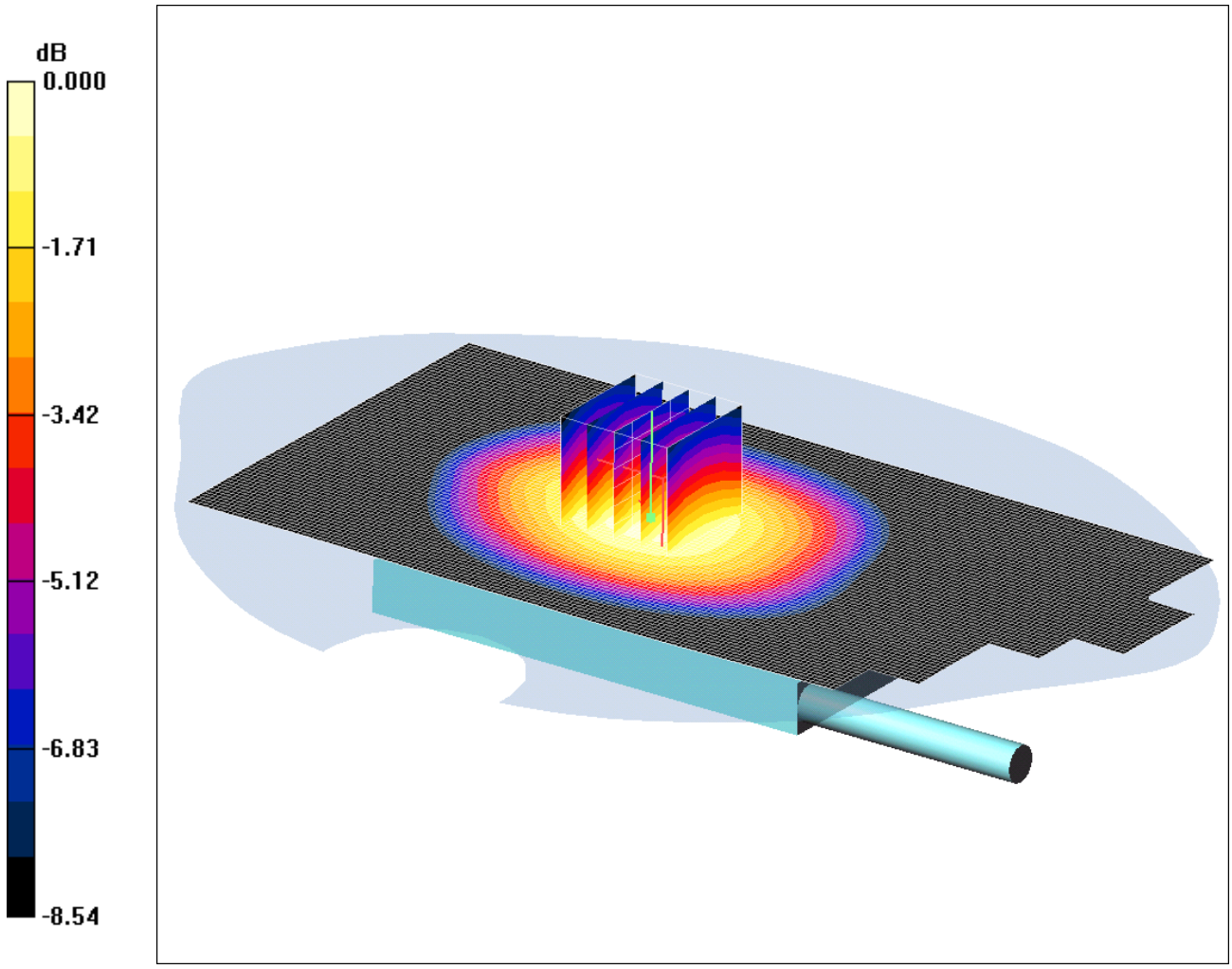


0 dB = 0.740mW/g

Communication System: UMTS-FDD V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.05 mho/m; ε_r = 53.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.27, 10.27, 10.27); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 EUT Facing Phantom Antenna Retracted - middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.680 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 = 26.3 V/m; Power Drift = 0.144 dB
Peak SAR (extrapolated) = 0.834 W/kg
SAR(1 g) = 0.657 mW/g; SAR(10 g) = 0.497 mW/g
Maximum value of SAR (measured) = 0.740 mW/g

SCN/81533JD05/062: Front of EUT Facing Phantom Antenna Extended Hotspot Mode UMTS FDD V CH4183
Date 08/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Extended); Serial: 356333040014081

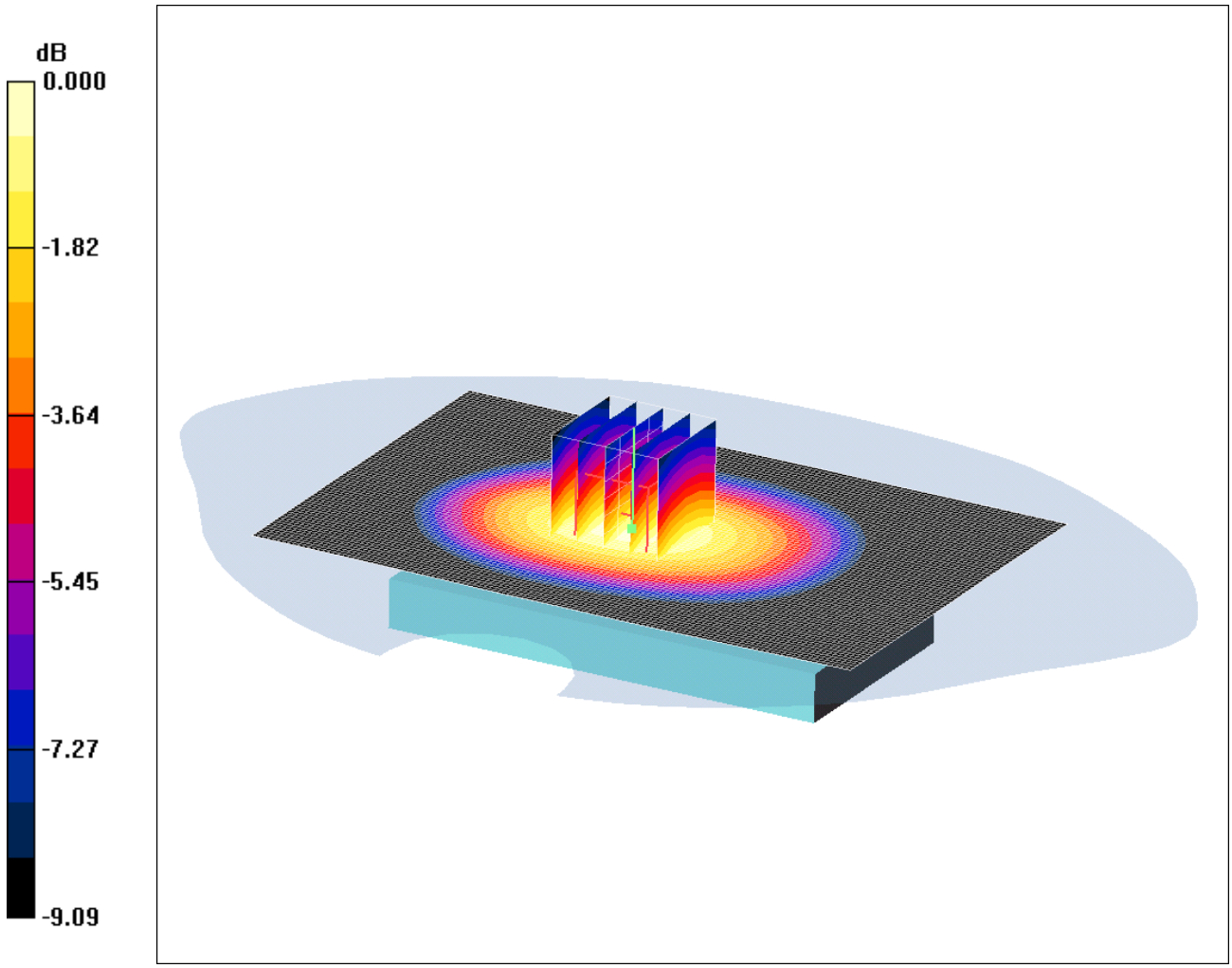


0 dB = 0.699mW/g

Communication System: UMTS-FDD V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.05 mho/m; ε_r = 53.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.27, 10.27, 10.27); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 EUT Facing Phantom Antenna Extended - middle/Area Scan (81x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.650 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 = 25.9 V/m; Power Drift = 0.024 dB
Peak SAR (extrapolated) = 0.785 W/kg
SAR(1 g) = 0.620 mW/g; SAR(10 g) = 0.469 mW/g
Maximum value of SAR (measured) = 0.699 mW/g

SCN/81533JD05/063: Rear of EUT Facing Phantom Antenna Retracted Hotspot Mode UMTS FDD V CH4183
Date 08/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Retracted); Serial: 356333040014081

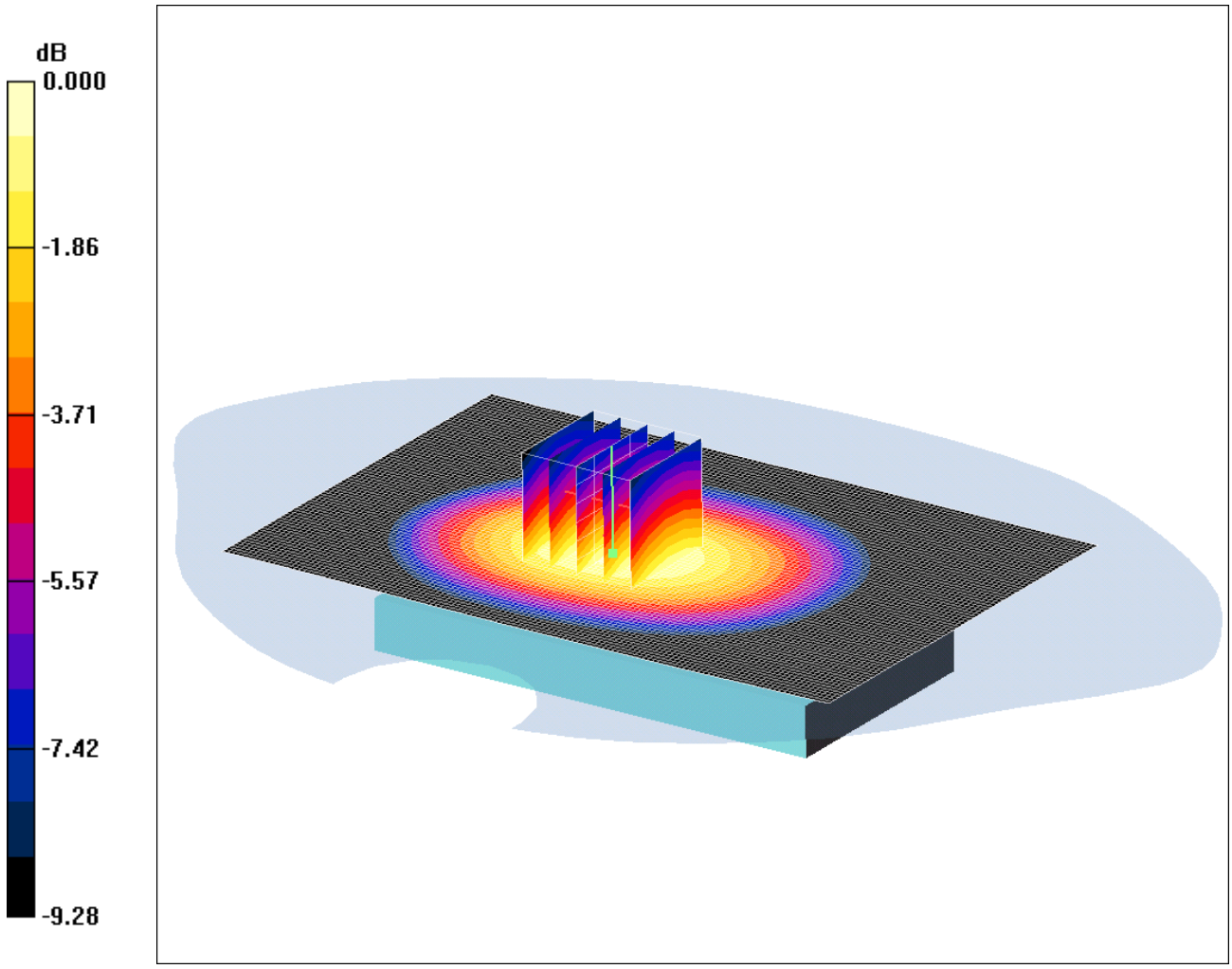


0 dB = 1.00mW/g

Communication System: UMTS-FDD V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.05 mho/m; ε_r = 53.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.27, 10.27, 10.27); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 EUT Facing Phantom Antenna Retracted - middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.918 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 = 30.6 V/m; Power Drift = 0.065 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.876 mW/g; SAR(10 g) = 0.643 mW/g
Maximum value of SAR (measured) = 1.00 mW/g

SCN/81533JD05/064: Rear of EUT Facing Phantom Antenna Retracted Hotspot Mode UMTS FDD V CH4132
Date 08/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Retracted); Serial: 356333040014081

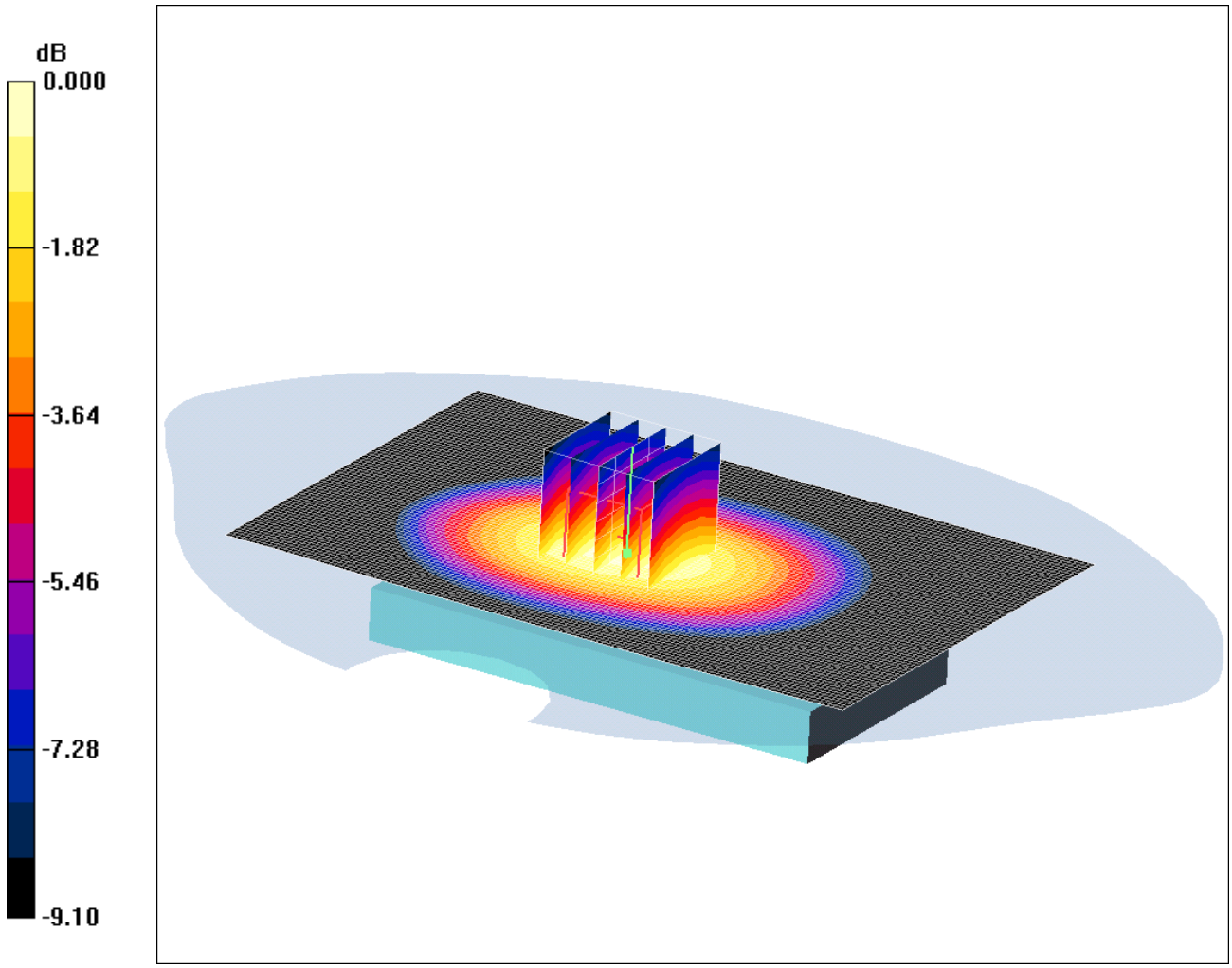


0 dB = 0.955mW/g

Communication System: UMTS-FDD V; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 826.4 MHz; σ = 1.04 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.27, 10.27, 10.27); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 EUT Facing Phantom Antenna Retracted - Low/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.874 mW/g
Rear of EUT Facing Phantom Antenna Retracted - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.4 V/m; Power Drift = 0.131 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.836 mW/g; SAR(10 g) = 0.614 mW/g
Maximum value of SAR (measured) = 0.955 mW/g

SCN/81533JD05/065: Rear of EUT Facing Phantom Antenna Retracted Hotspot Mode UMTS FDD V CH4233
Date 08/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Retracted); Serial: 356333040014081

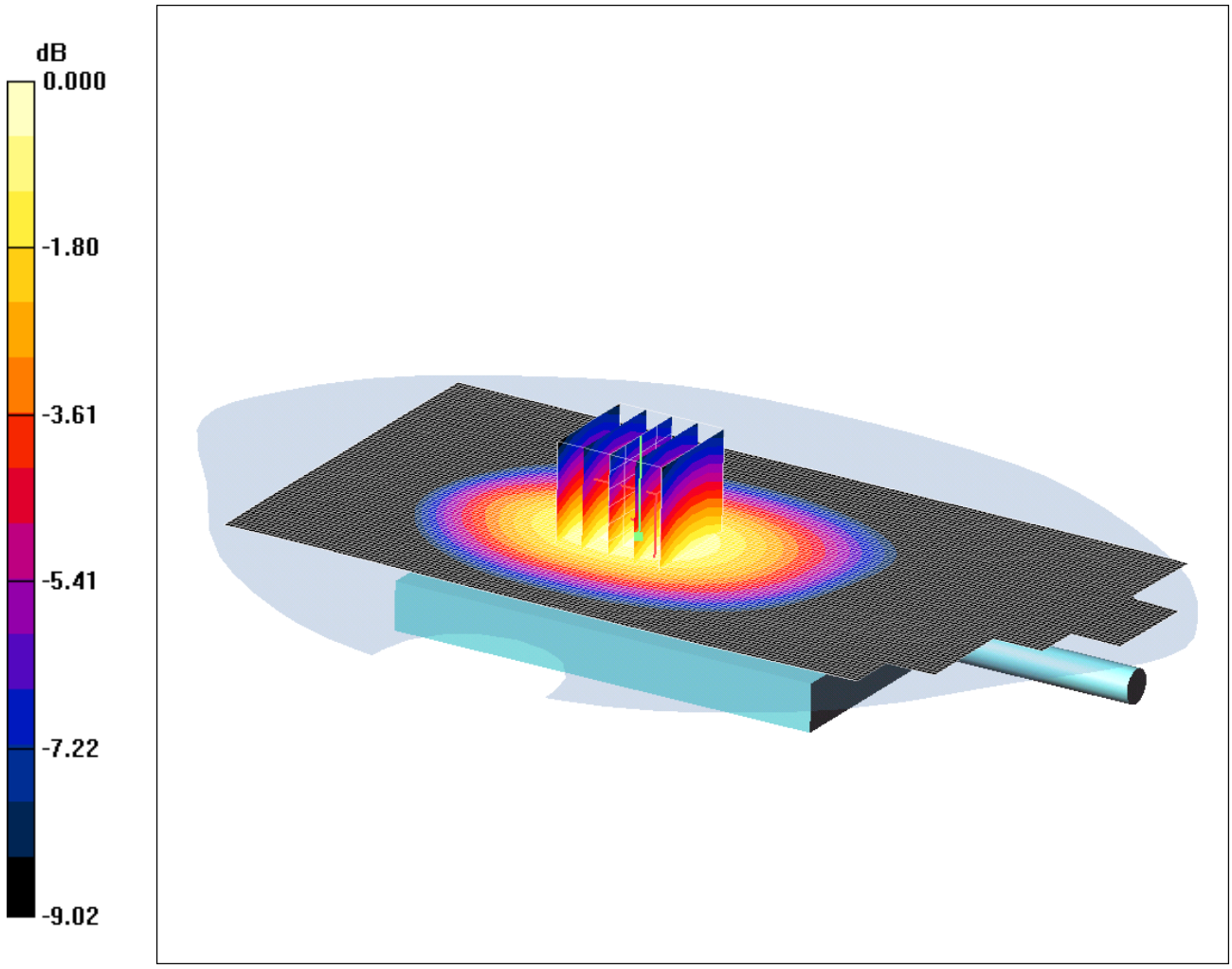


0 dB = 1.04mW/g

Communication System: UMTS-FDD V; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 846.6 MHz; σ = 1.06 mho/m; ε_r = 53.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.27, 10.27, 10.27); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 EUT Facing Phantom Antenna Retracted - High/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.957 mW/g
Rear of EUT Facing Phantom Antenna Retracted - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.8 V/m; Power Drift = 0.074 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.908 mW/g; SAR(10 g) = 0.669 mW/g
Maximum value of SAR (measured) = 1.04 mW/g

SCN/81533JD05/066: Rear of EUT Facing Phantom Antenna Extended Hotspot Mode UMTS FDD V CH4183
Date 08/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Extended); Serial: 356333040014081

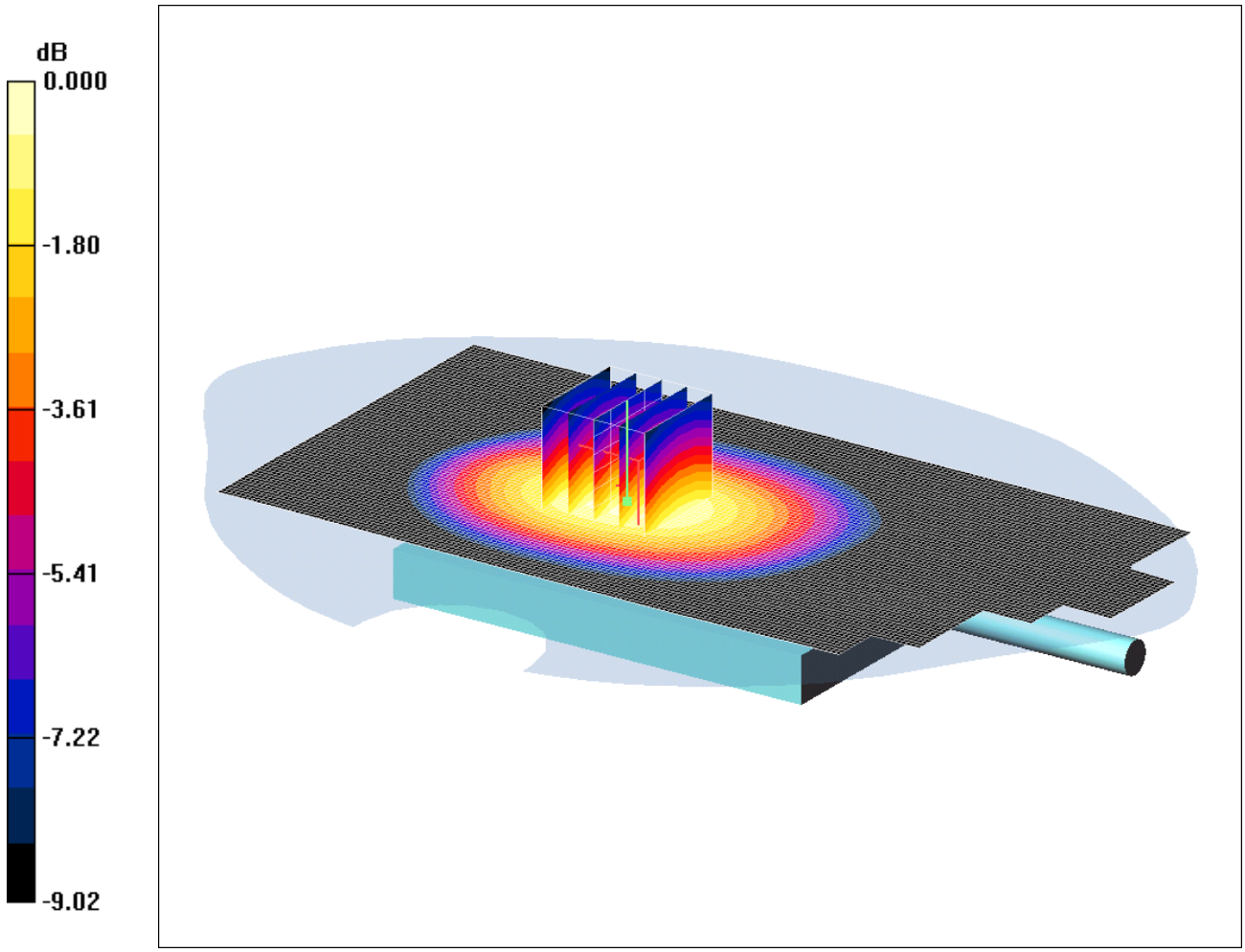


0 dB = 0.924mW/g

Communication System: UMTS-FDD V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.05 mho/m; ε_r = 53.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.27, 10.27, 10.27); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 EUT Facing Phantom Antenna Extended - middle/Area Scan (81x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.849 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 = 29.2 V/m; Power Drift = 0.109 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.811 mW/g; SAR(10 g) = 0.597 mW/g
Maximum value of SAR (measured) = 0.924 mW/g

SCN/81533JD05/067: Rear of EUT Facing Phantom Antenna Extended Hotspot Mode UMTS FDD V CH4132
Date 08/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Extended); Serial: 356333040014081

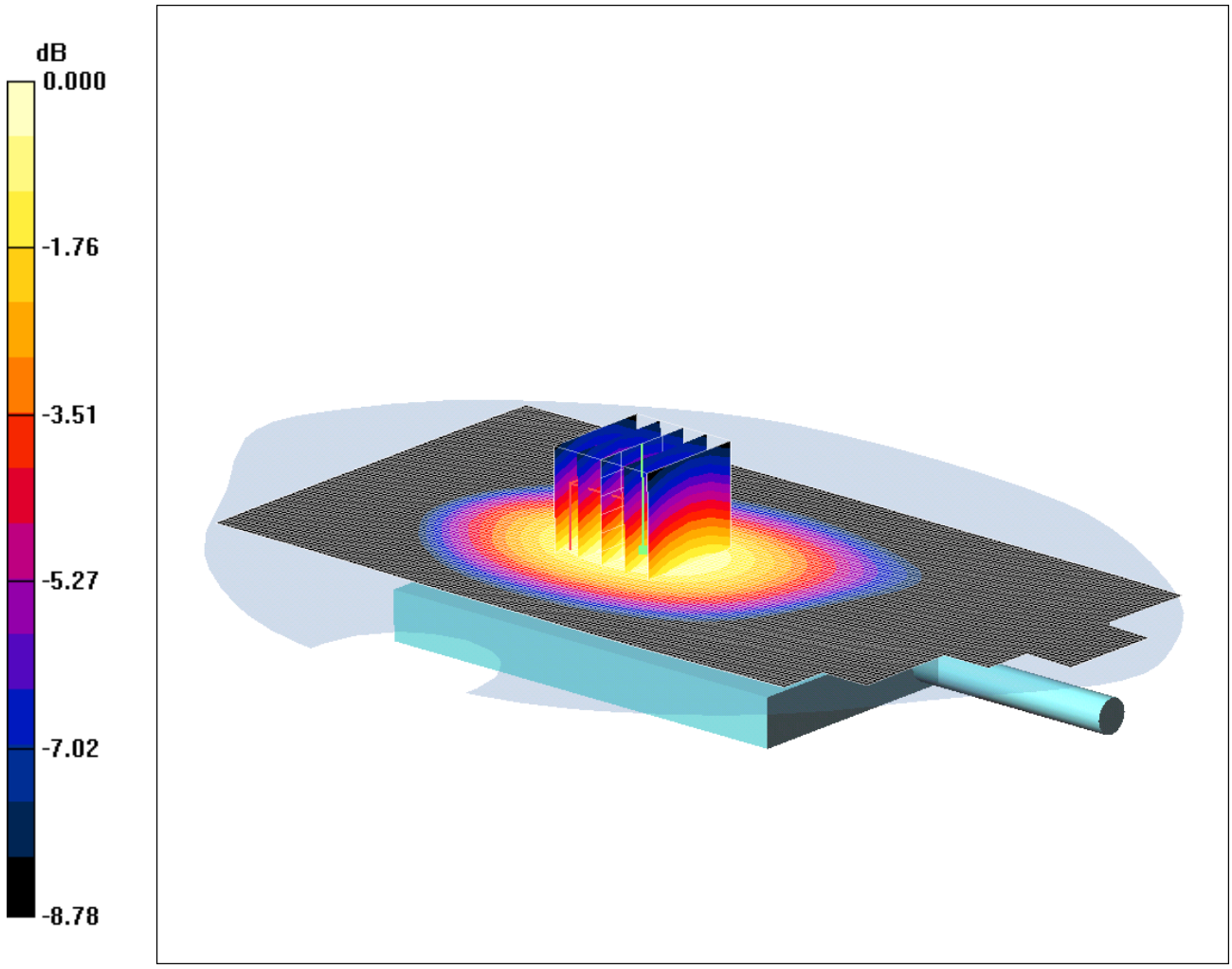


0 dB = 0.889mW/g

Communication System: UMTS-FDD V; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 826.4 MHz; σ = 1.04 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.27, 10.27, 10.27); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 EUT Facing Phantom Antenna Extended - Low/Area Scan (81x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.827 mW/g
Rear of EUT Facing Phantom Antenna Extended - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.0 V/m; Power Drift = 0.005 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.779 mW/g; SAR(10 g) = 0.573 mW/g
Maximum value of SAR (measured) = 0.889 mW/g

SCN/81533JD05/068: Rear of EUT Facing Phantom Antenna Extended Hotspot Mode UMTS FDD V CH4233
Date 08/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Extended); Serial: 356333040014081

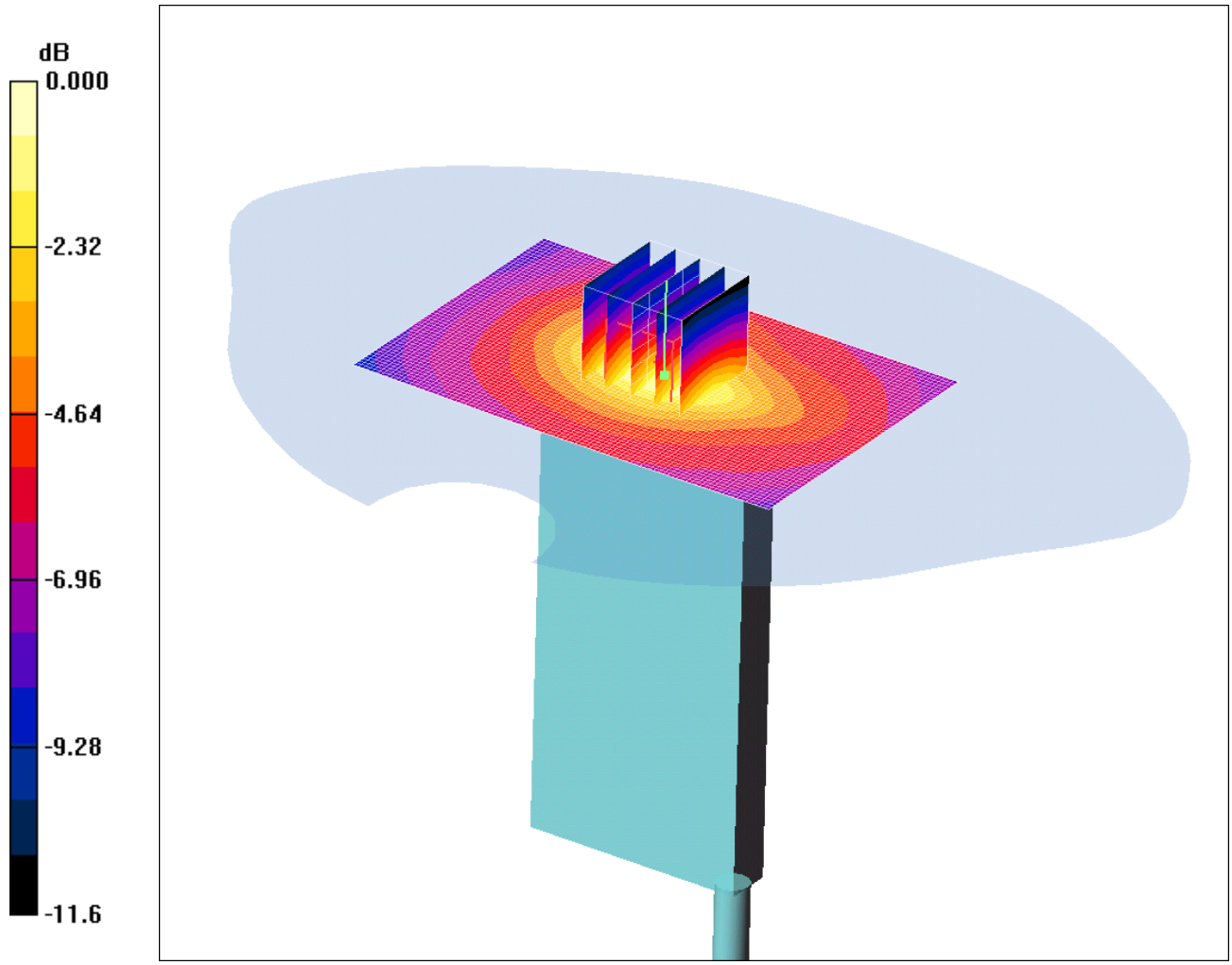


0 dB = 0.860mW/g

Communication System: UMTS-FDD V; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 846.6 MHz; σ = 1.06 mho/m; ε_r = 53.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.27, 10.27, 10.27); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 EUT Facing Phantom Antenna Extended - High/Area Scan (81x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.802 mW/g
Rear of EUT Facing Phantom Antenna Extended - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.9 V/m; Power Drift = -0.120 dB
Peak SAR (extrapolated) = 0.979 W/kg
SAR(1 g) = 0.757 mW/g; SAR(10 g) = 0.556 mW/g
Maximum value of SAR (measured) = 0.860 mW/g

SCN/81533JD05/069: Base of EUT Facing Phantom Antenna Extended Hotspot Mode UMTS FDD V CH4183
Date 08/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Extended); Serial: 356333040014081

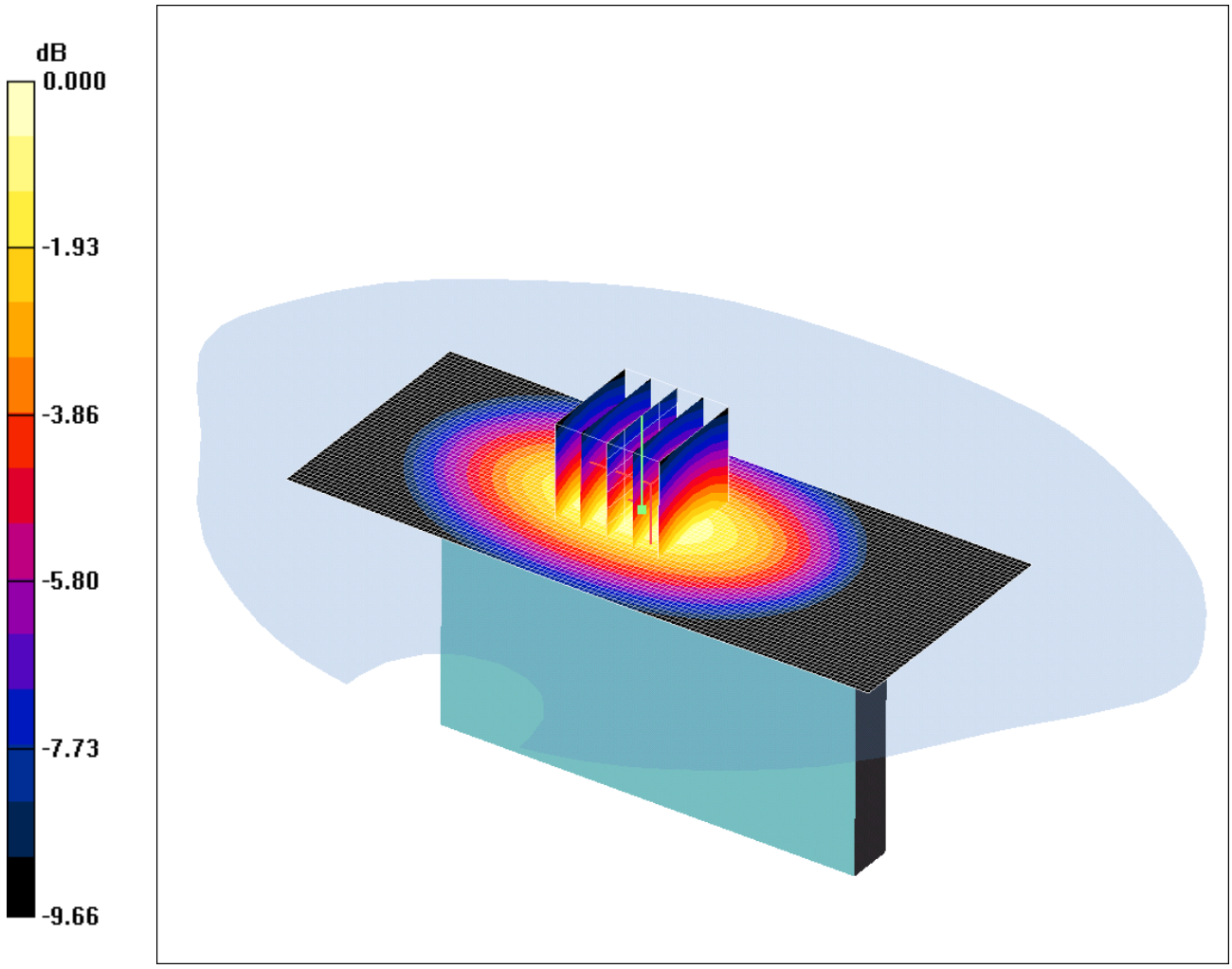


0 dB = 0.071mW/g

Communication System: UMTS-FDD V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.05 mho/m; ε_r = 53.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.27, 10.27, 10.27); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Base Of EUT Facing Phantom Antenna Extended - Middle/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.062 mW/g
Base Of EUT Facing Phantom Antenna Extended - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.99 V/m; Power Drift = 0.120 dB
Peak SAR (extrapolated) = 0.087 W/kg
SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.037 mW/g
Maximum value of SAR (measured) = 0.071 mW/g

SCN/81533JD05/070: Left Hand Side of EUT Facing Phantom Antenna Extended Hotspot Mode UMTS FDD V CH4183
Date 08/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Retracted); Serial: 356333040014081

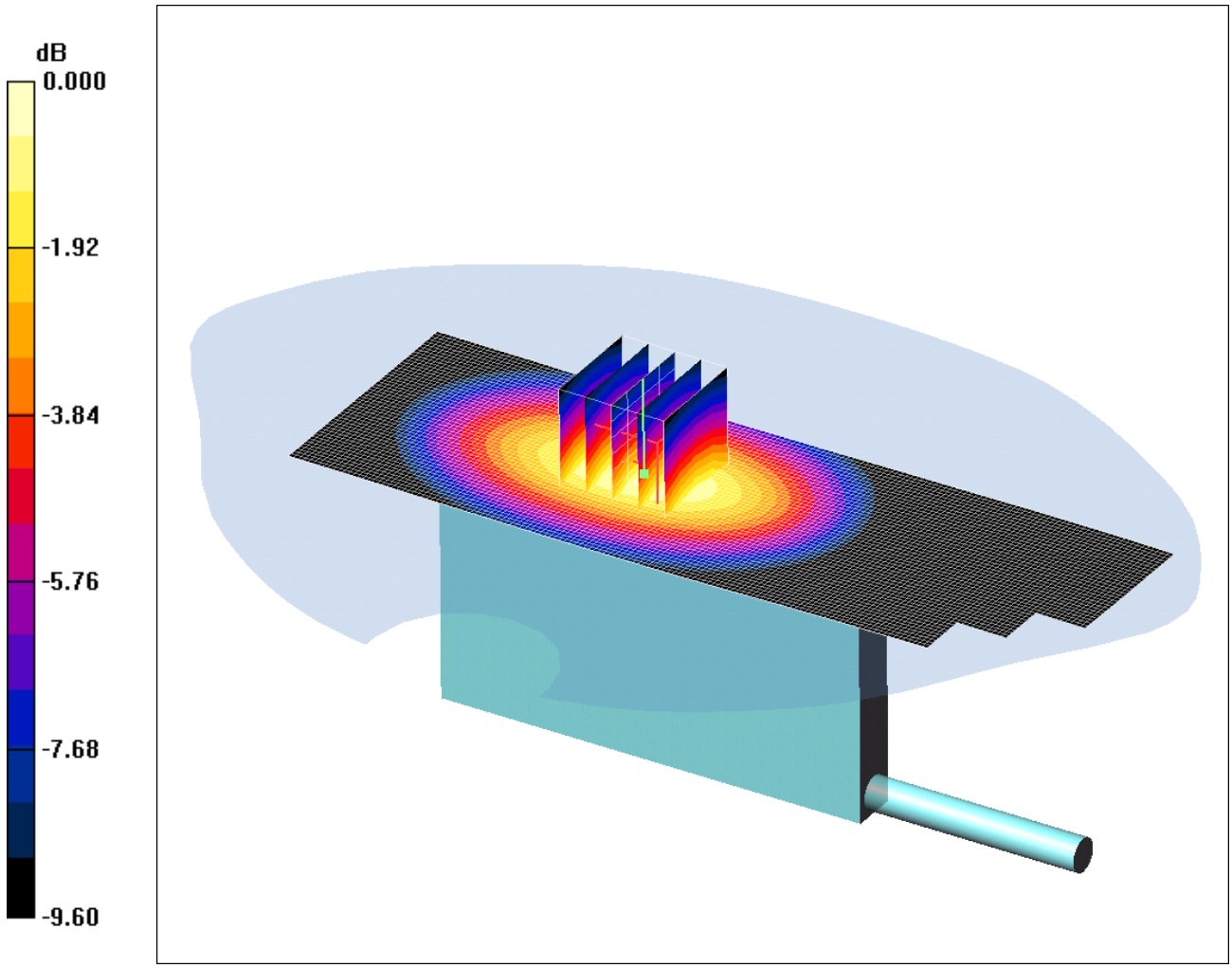


0 dB = 0.704mW/g

Communication System: UMTS-FDD V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.05 mho/m; ε_r = 53.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.27, 10.27, 10.27); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Hand Side Of EUT Facing Phantom Antenna Retracted - Middle/Area Scan 2 (51x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.631 mW/g
Left Hand Side Of EUT Facing Phantom Antenna Retracted - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.6 V/m; Power Drift = 0.076 dB
Peak SAR (extrapolated) = 0.833 W/kg
SAR(1 g) = 0.594 mW/g; SAR(10 g) = 0.411 mW/g
Maximum value of SAR (measured) = 0.704 mW/g

SCN/81533JD05/071: Left Hand Side of EUT Facing Phantom Antenna Extended Hotspot Mode UMTS FDD V CH4183
Date 08/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Extended); Serial: 356333040014081

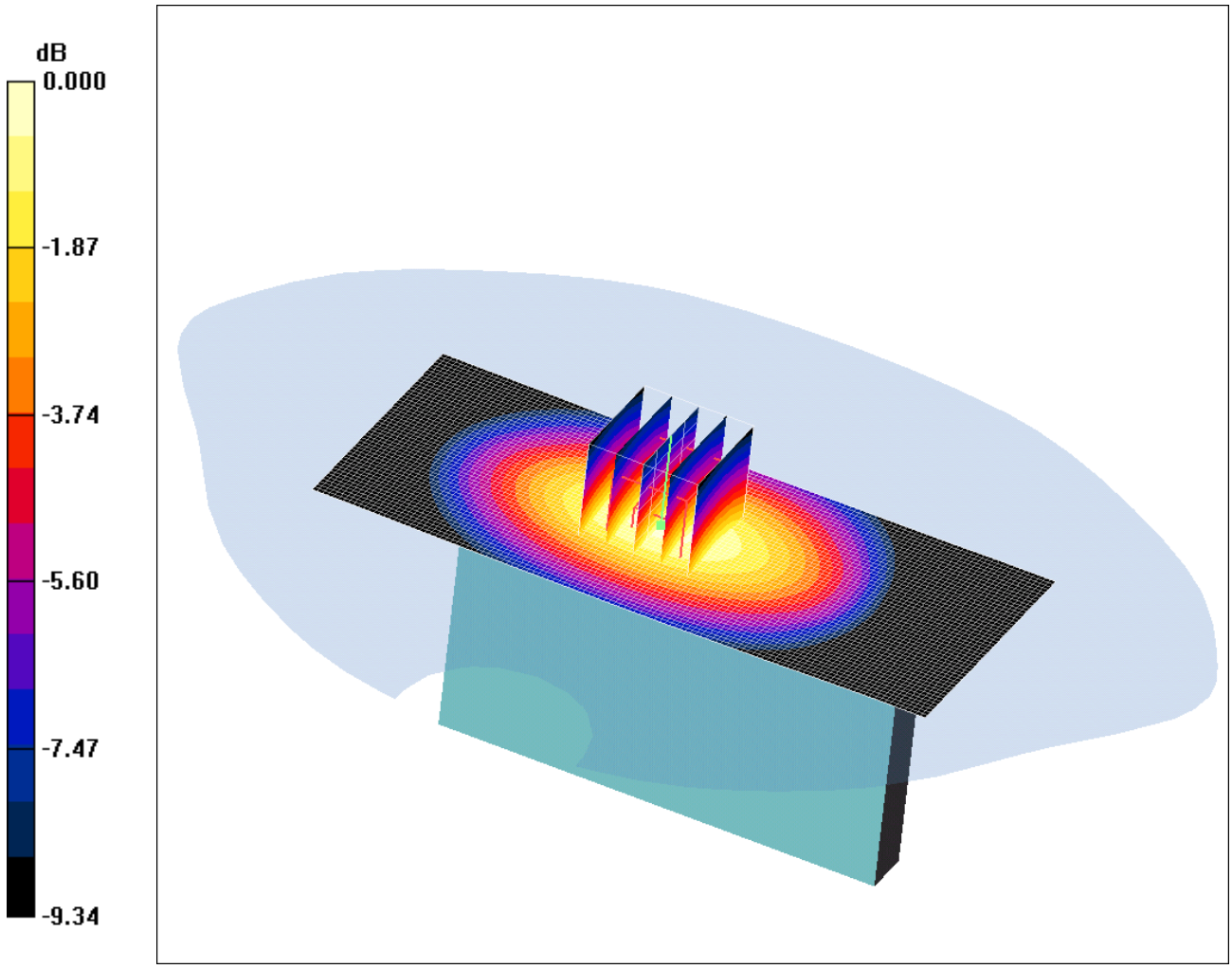


0 dB = 0.593mW/g

Communication System: UMTS-FDD V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.05 mho/m; ε_r = 53.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.27, 10.27, 10.27); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Hand Side Of EUT Facing Phantom Antenna Extended - Middle/Area Scan 2 (51x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.535 mW/g
Left Hand Side Of EUT Facing Phantom Antenna Extended - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.6 V/m; Power Drift = 0.064 dB
Peak SAR (extrapolated) = 0.703 W/kg
SAR(1 g) = 0.501 mW/g; SAR(10 g) = 0.347 mW/g
Maximum value of SAR (measured) = 0.593 mW/g

SCN/81533JD05/072: Right Hand Side of EUT Facing Phantom Antenna Retracted Hotspot Mode UMTS FDD CH4183
Date 08/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Retracted); Serial: 356333040014081

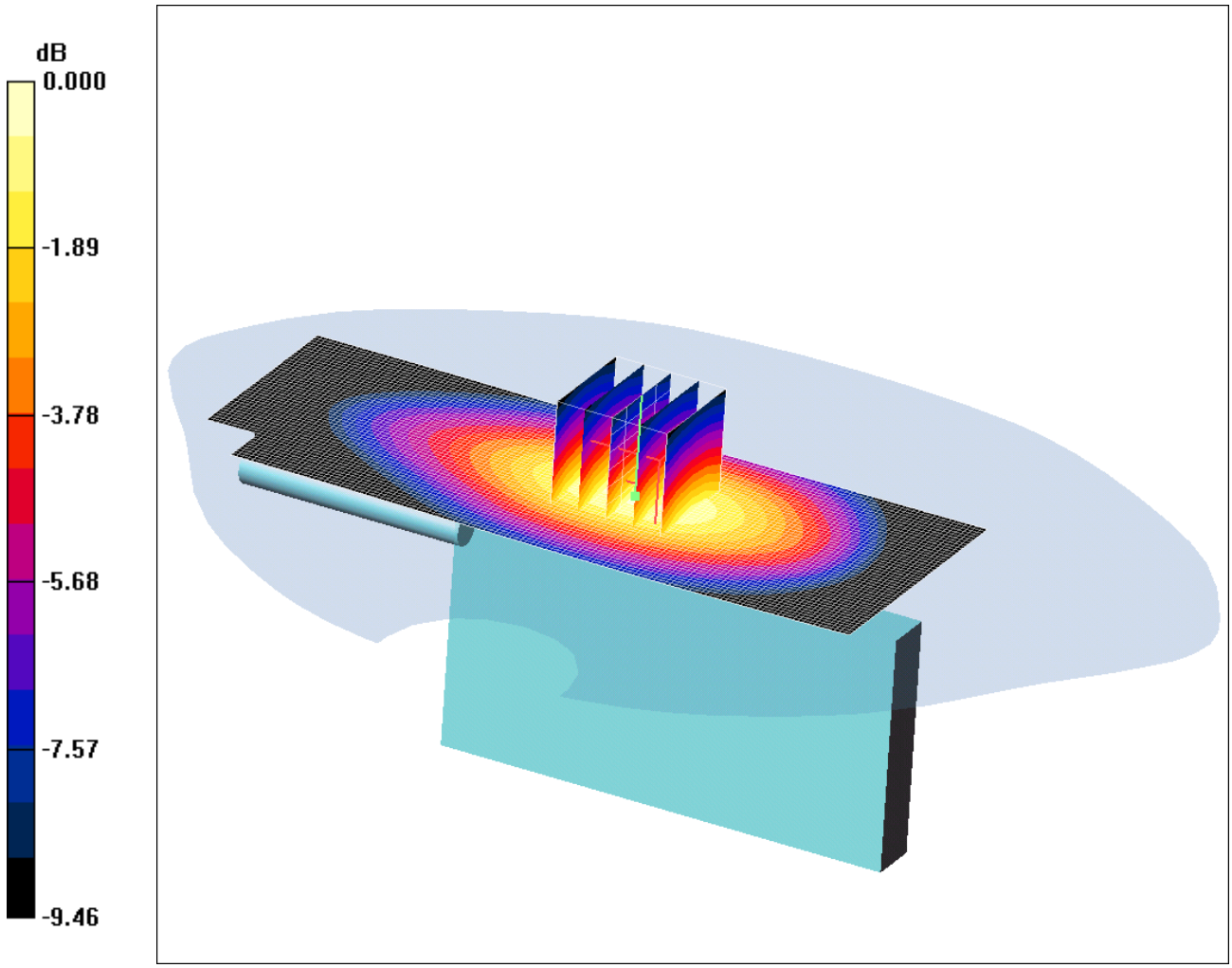


0 dB = 0.586mW/g

Communication System: UMTS-FDD V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.05 mho/m; ε_r = 53.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.27, 10.27, 10.27); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Right Hand Side Of EUT Facing Phantom Antenna Retracted - Middle/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.532 mW/g
Right Hand Side Of EUT Facing Phantom Antenna Retracted - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.7 V/m; Power Drift = 0.076 dB
Peak SAR (extrapolated) = 0.690 W/kg
SAR(1 g) = 0.499 mW/g; SAR(10 g) = 0.350 mW/g
Maximum value of SAR (measured) = 0.586 mW/g

SCN/81533JD05/073: Right Hand Side of EUT Facing Phantom Antenna Extended Hotspot Mode UMTS FDD CH4183
Date 08/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Extended); Serial: 356333040014081

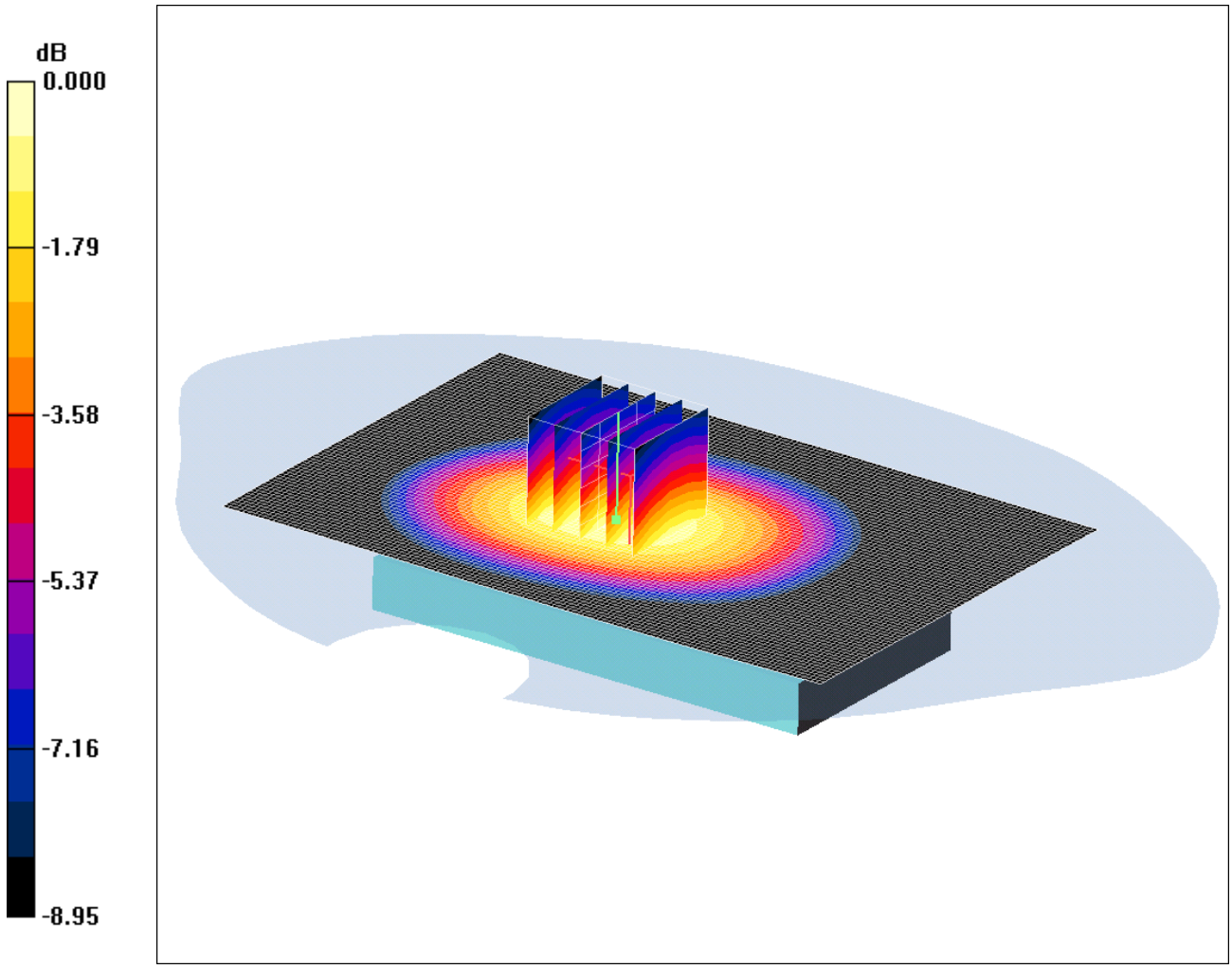


0 dB = 0.538mW/g

Communication System: UMTS-FDD V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.05 mho/m; ε_r = 53.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.27, 10.27, 10.27); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Right Hand Side Of EUT Facing Phantom Antenna Extended - Middle/Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.483 mW/g
Right Hand Side Of EUT Facing Phantom Antenna Extended - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.4 V/m; Power Drift = 0.050 dB
Peak SAR (extrapolated) = 0.634 W/kg
SAR(1 g) = 0.456 mW/g; SAR(10 g) = 0.319 mW/g
Maximum value of SAR (measured) = 0.538 mW/g

SCN/81533JD05/074: Rear of EUT Facing Phantom Antenna Retracted Hotspot Mode UMTS FDD V + HSDPA CH4233
Date 08/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Retracted); Serial: 356333040014081

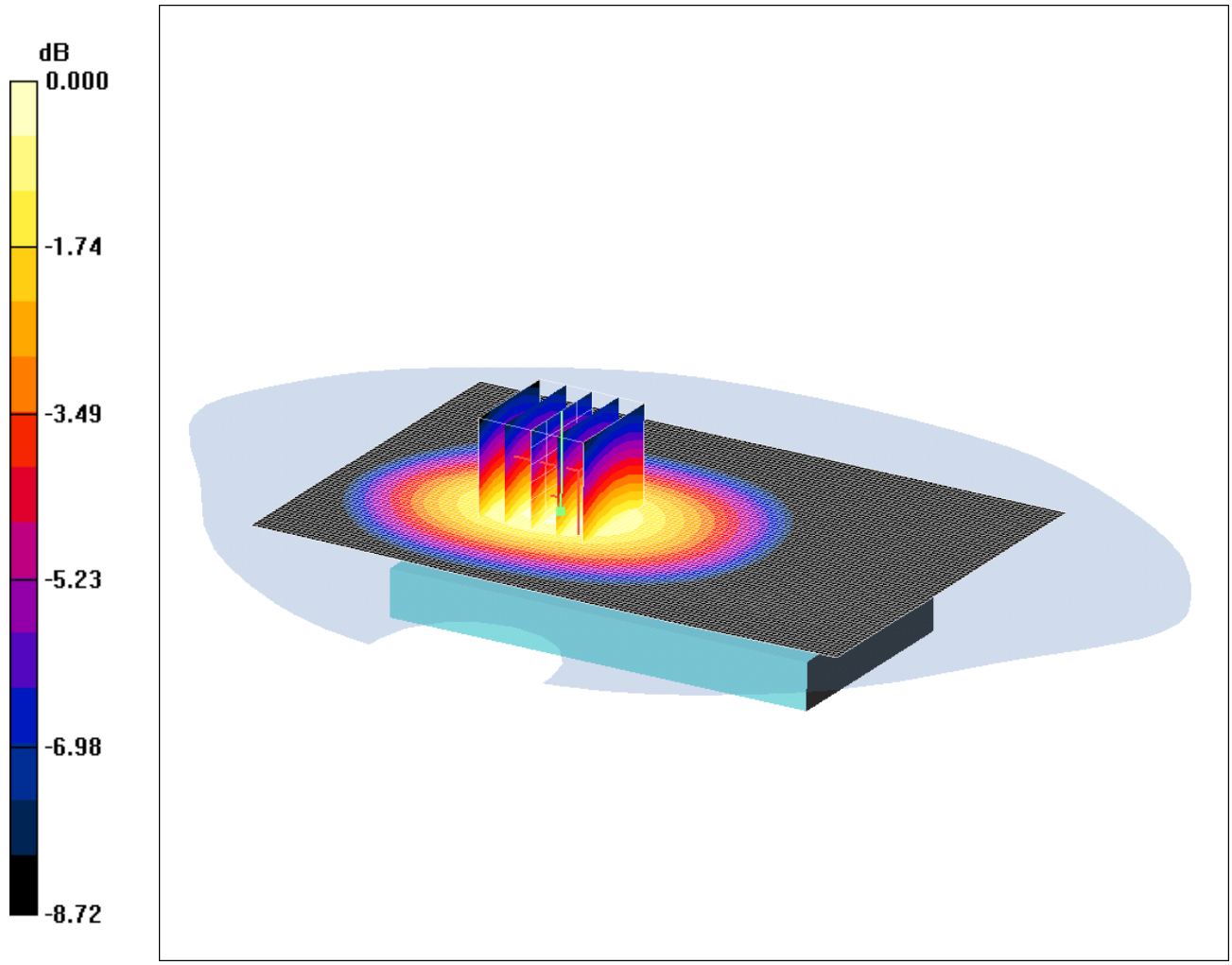


0 dB = 1.10mW/g

Communication System: UMTS-FDD V; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 846.6 MHz; σ = 1.06 mho/m; ε_r = 53.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.27, 10.27, 10.27); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 EUT Facing Phantom Antenna Retracted - High/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.993 mW/g
Rear of EUT Facing Phantom Antenna Retracted - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.1 V/m; Power Drift = 0.138 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.957 mW/g; SAR(10 g) = 0.702 mW/g
Maximum value of SAR (measured) = 1.10 mW/g

SCN/81533JD05/075: Rear of EUT Facing Phantom Antenna Retracted Hotspot Mode UMTS FDD V + HSDPA CH4183
Date 08/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Retracted); Serial: 356333040014081

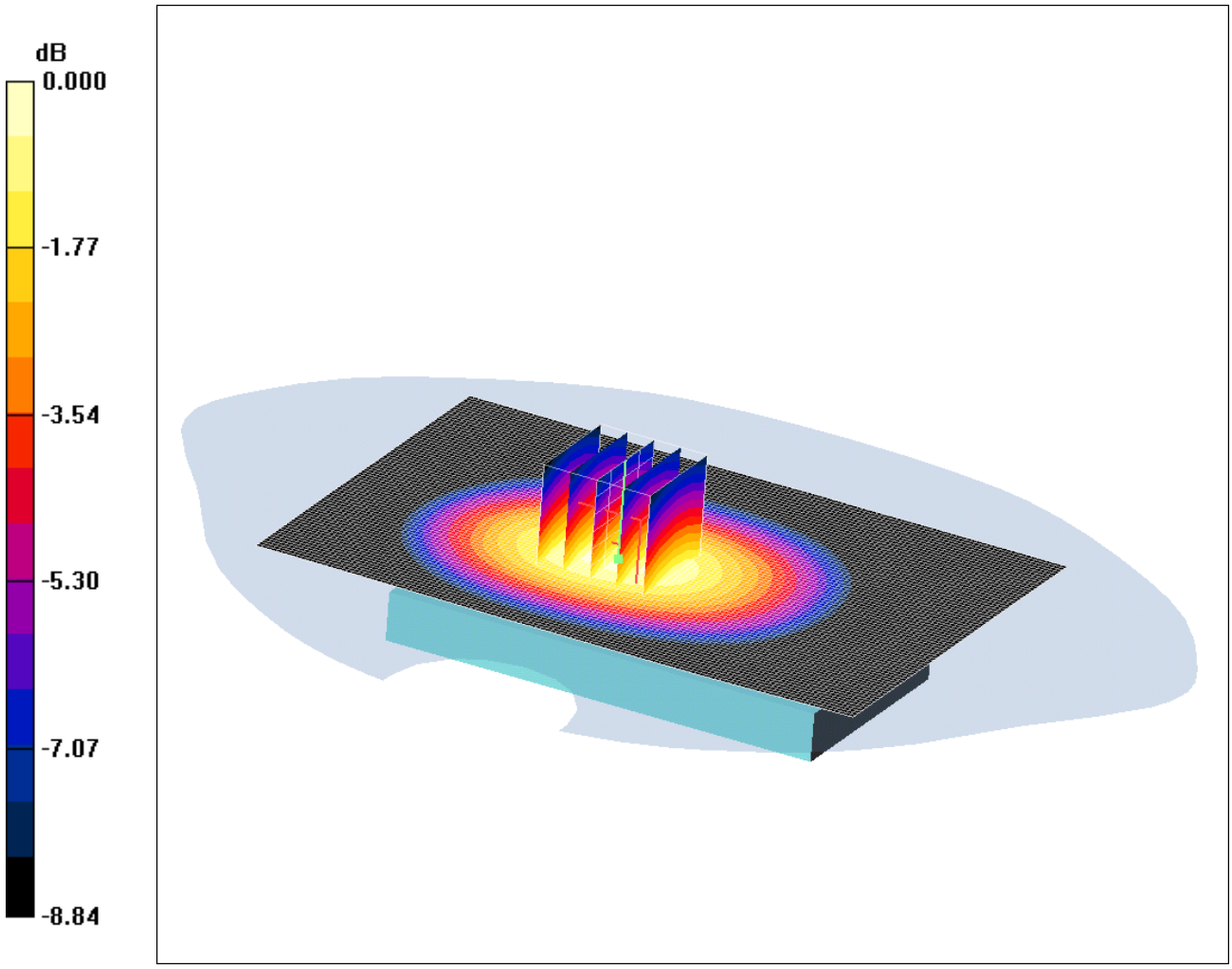


0 dB = 1.01mW/g

Communication System: UMTS-FDD V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.05 mho/m; ε_r = 53.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.27, 10.27, 10.27); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 EUT Facing Phantom Antenna Retracted - Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.940 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 = 27.2 V/m; Power Drift = 0.066 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.892 mW/g; SAR(10 g) = 0.657 mW/g
Maximum value of SAR (measured) = 1.01 mW/g

SCN/81533JD05/076: Rear of EUT Facing Phantom Antenna Retracted Hotspot Mode UMTS FDD V + HSDPA CH4132
Date 08/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Retracted); Serial: 356333040014081

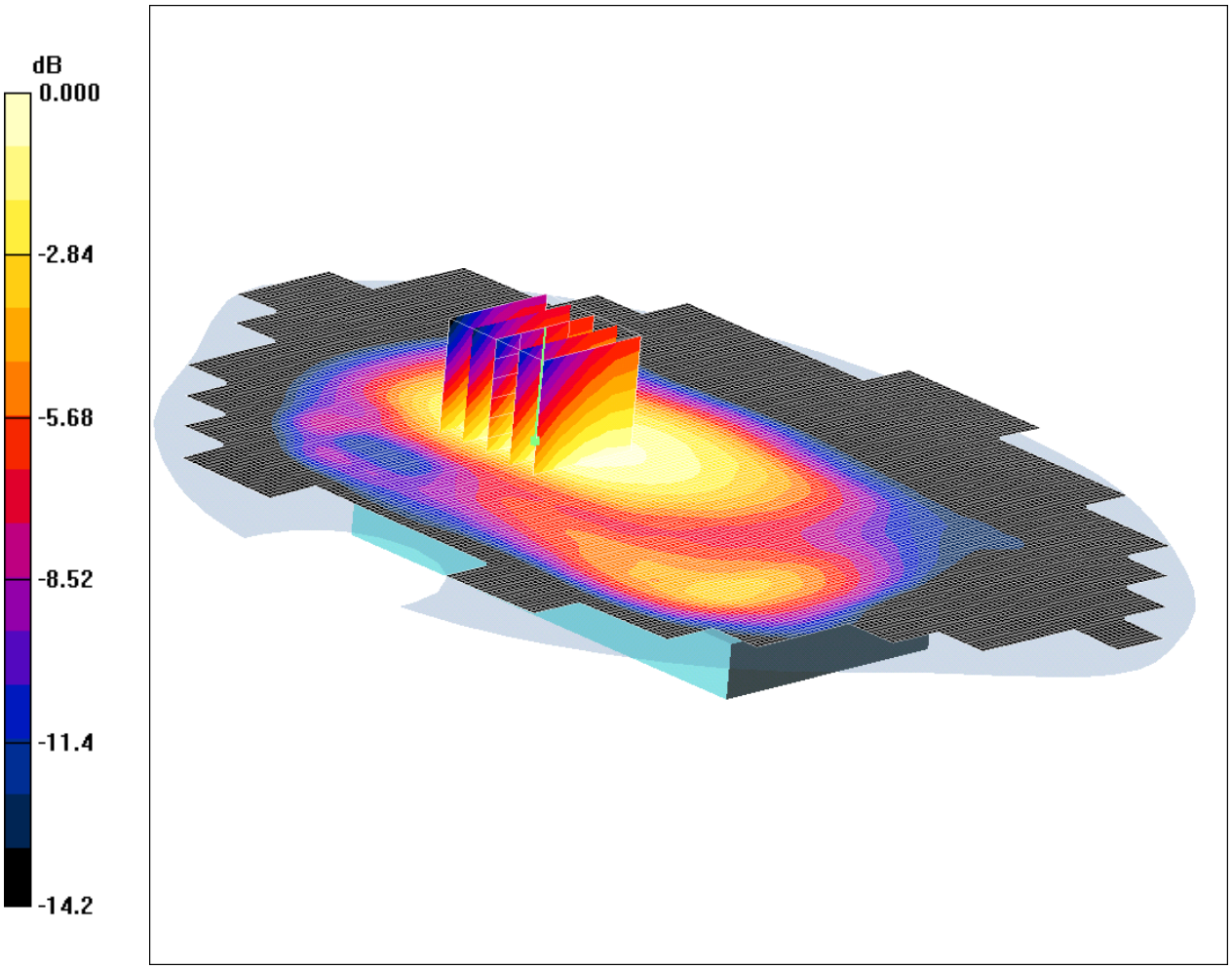


0 dB = 0.986mW/g

Communication System: UMTS-FDD V; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 826.4 MHz; σ = 1.04 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.27, 10.27, 10.27); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 EUT Facing Phantom Antenna Retracted - Low/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.907 mW/g
Rear of EUT Facing Phantom Antenna Retracted - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.1 V/m; Power Drift = 0.032 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.865 mW/g; SAR(10 g) = 0.637 mW/g
Maximum value of SAR (measured) = 0.986 mW/g

SCN/81533JD05/077: Rear of EUT Facing Phantom Antenna Retracted With PHF Hotspot Mode UMTS FDD V + HSDPA CH4233
Date 09/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Retracted); Serial: 356333040014081

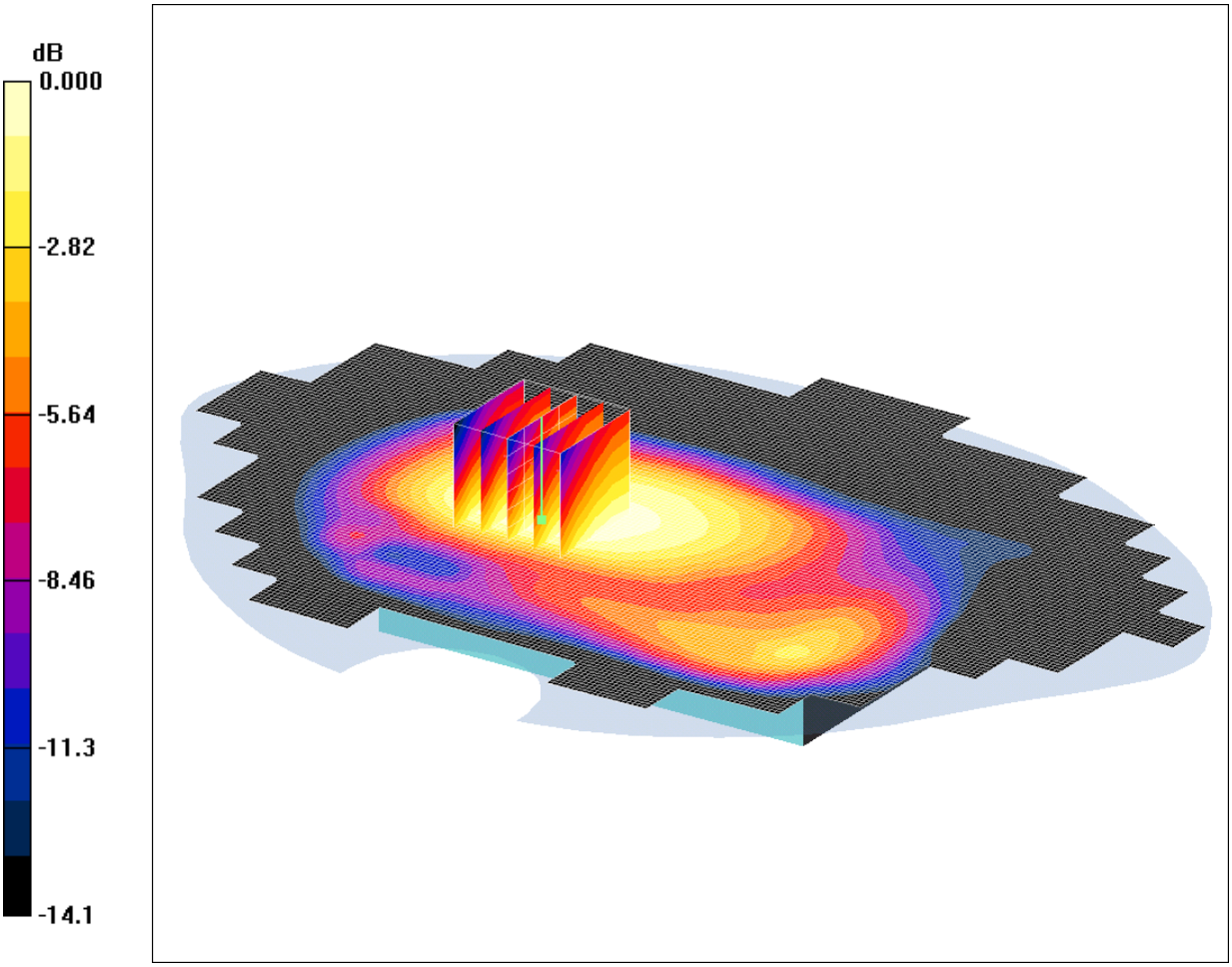


0 dB = 0.732mW/g

Communication System: UMTS-FDD V; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 846.6 MHz; σ = 1.05 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.54, 10.54, 10.54); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 EUT Facing Phantom Antenna Retracted - High/Area Scan (131x191x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.677 mW/g
Rear of EUT Facing Phantom Antenna Retracted - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.8 V/m; Power Drift = 0.384 dB
Peak SAR (extrapolated) = 0.844 W/kg
SAR(1 g) = 0.650 mW/g; SAR(10 g) = 0.486 mW/g
Maximum value of SAR (measured) = 0.732 mW/g

SCN/81533JD05/078: Rear of EUT Facing Phantom Antenna Retracted With PHF Hotspot Mode UMTS FDD V + HSDPA CH4183
Date 08/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Retracted); Serial: 356333040014081

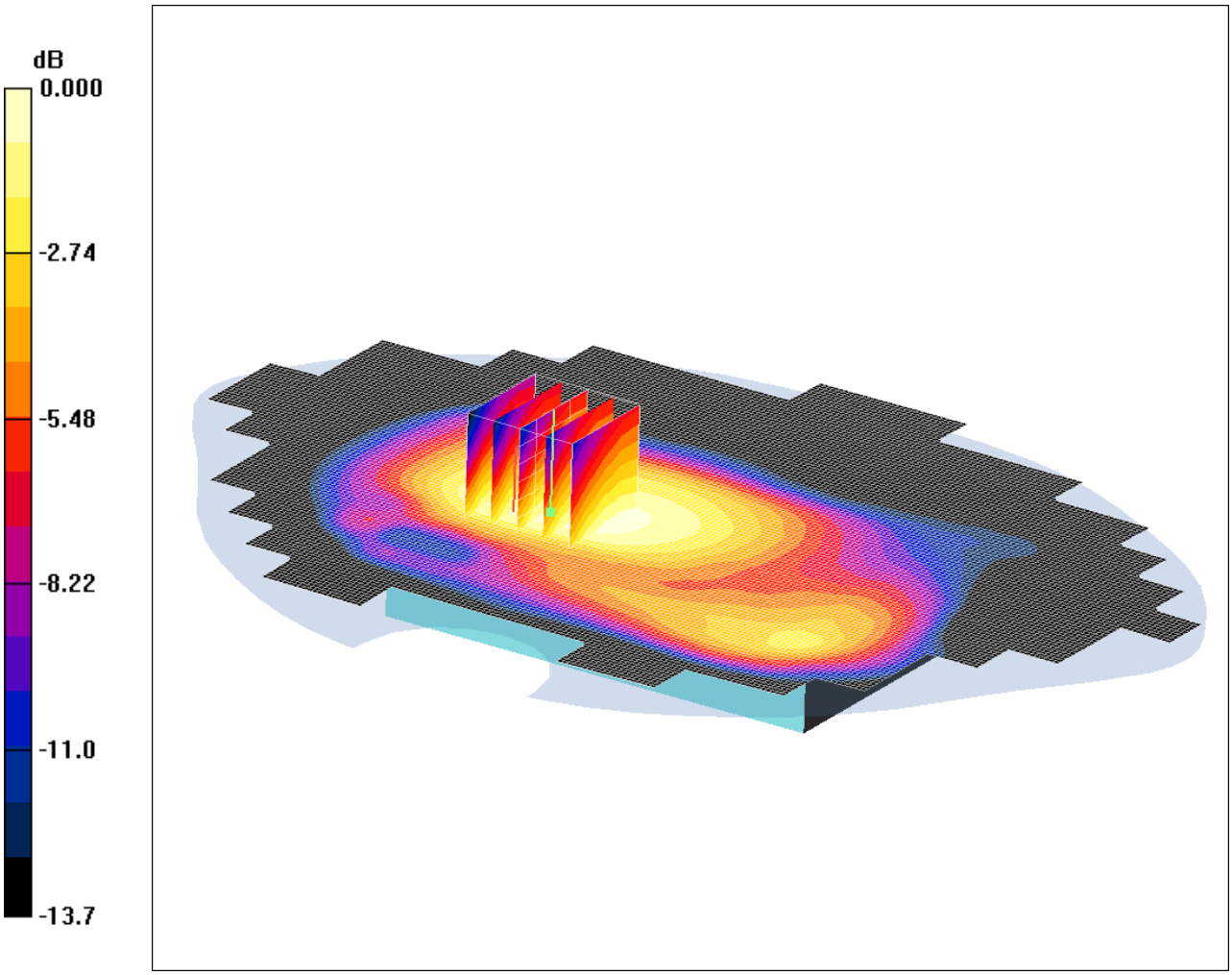


0 dB = 0.679mW/g

Communication System: UMTS-FDD V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.05 mho/m; ε_r = 53.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.27, 10.27, 10.27); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 EUT Facing Phantom Antenna Retracted With PHF - Middle/Area Scan (131x191x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.652 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 = 23.2 V/m; Power Drift = -0.016 dB
Peak SAR (extrapolated) = 0.778 W/kg
SAR(1 g) = 0.606 mW/g; SAR(10 g) = 0.456 mW/g
Maximum value of SAR (measured) = 0.679 mW/g

SCN/81533JD05/079: Rear of EUT Facing Phantom Antenna Retracted With PHF Hotspot Mode UMTS FDD V + HSDPA CH4132
Date 08/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Retracted); Serial: 356333040014081

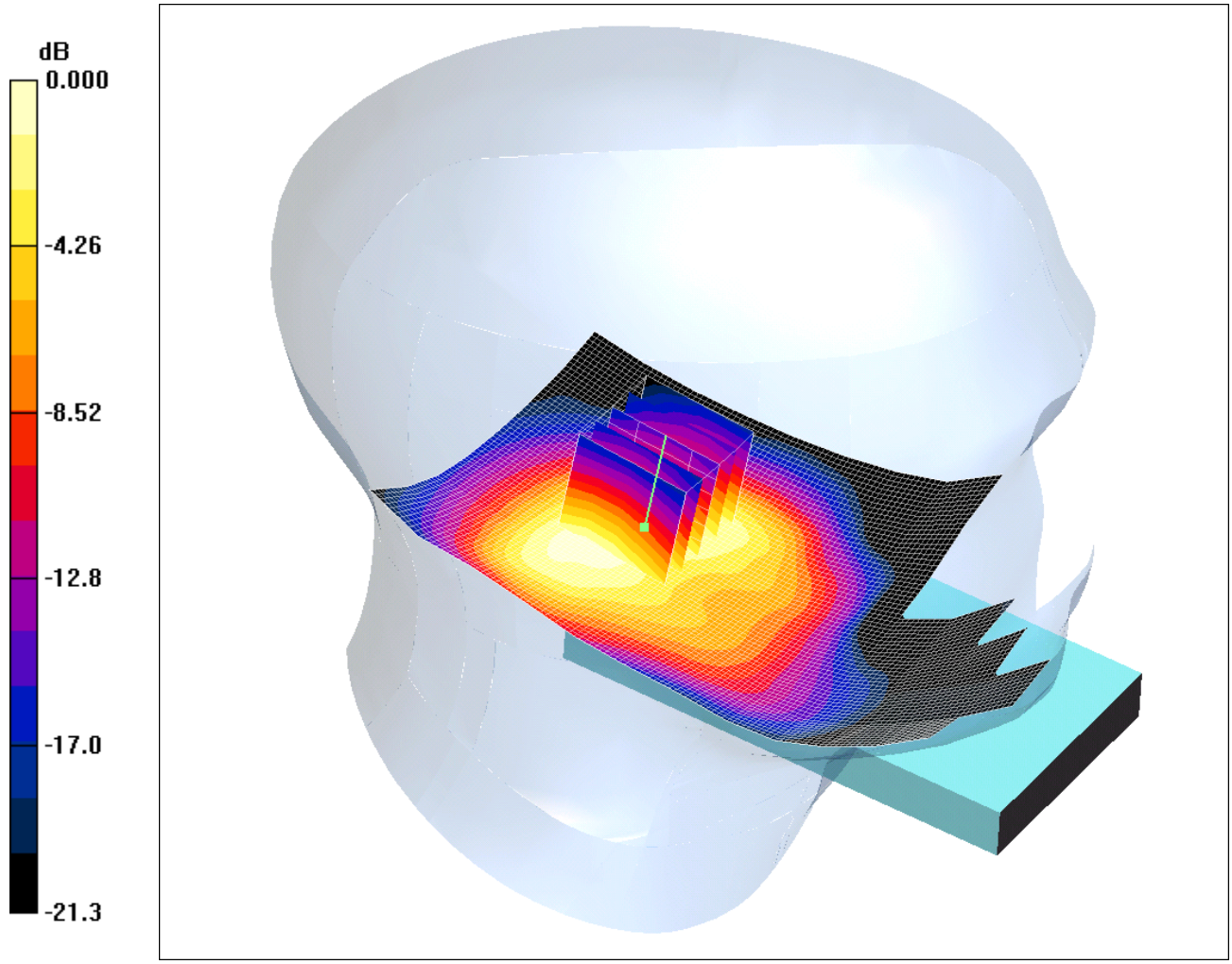


0 dB = 0.624mW/g

Communication System: UMTS-FDD V; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 826.4 MHz; σ = 1.04 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.27, 10.27, 10.27); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 EUT Facing Phantom Antenna Retracted With PHF - Low/Area Scan (131x191x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.594 mW/g
Rear of EUT Facing Phantom Antenna Retracted With PHF - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.2 V/m; Power Drift = 0.101 dB
Peak SAR (extrapolated) = 0.711 W/kg
SAR(1 g) = 0.555 mW/g; SAR(10 g) = 0.417 mW/g
Maximum value of SAR (measured) = 0.624 mW/g

SCN/81533JD05/080: Touch Left Antenna Retracted WiFi 802.11b 1Mbps CH6
Date 08/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C; Serial: 356333040014081

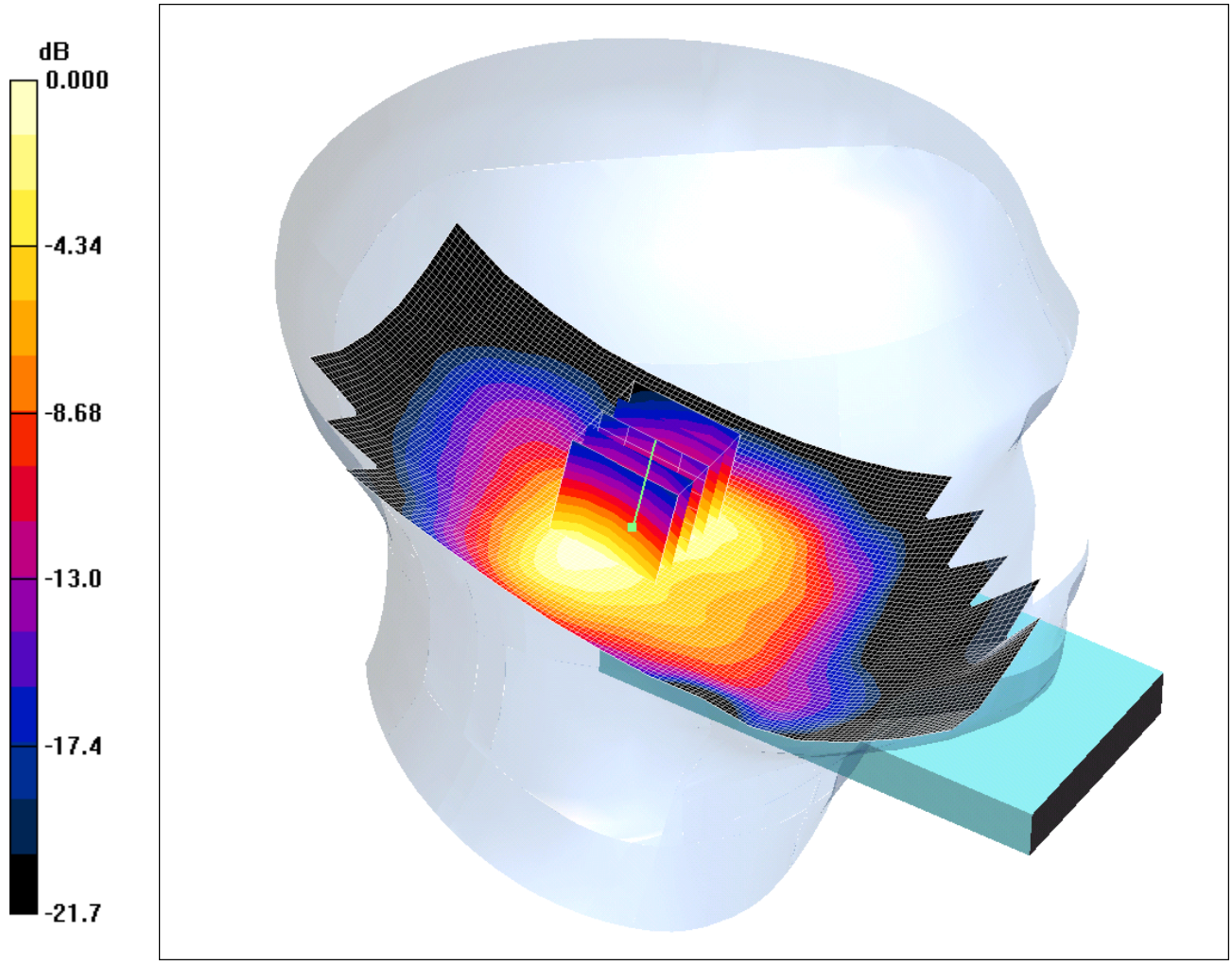


0 dB = 0.244mW/g

Communication System: WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): f = 2437 MHz; σ = 1.81 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(7.88, 7.88, 7.88); Calibrated: 15/02/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 Antenna Retracted - Middle/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.264 mW/g
Touch Left Antenna Retracted - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.7 V/m; Power Drift = -0.038 dB
Peak SAR (extrapolated) = 0.337 W/kg
SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.106 mW/g
Maximum value of SAR (measured) = 0.244 mW/g

SCN/81533JD05/081: Touch Left Antenna Extended WiFi 802.11b 1Mbps CH6
Date 08/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Extended); Serial: 356333040014081

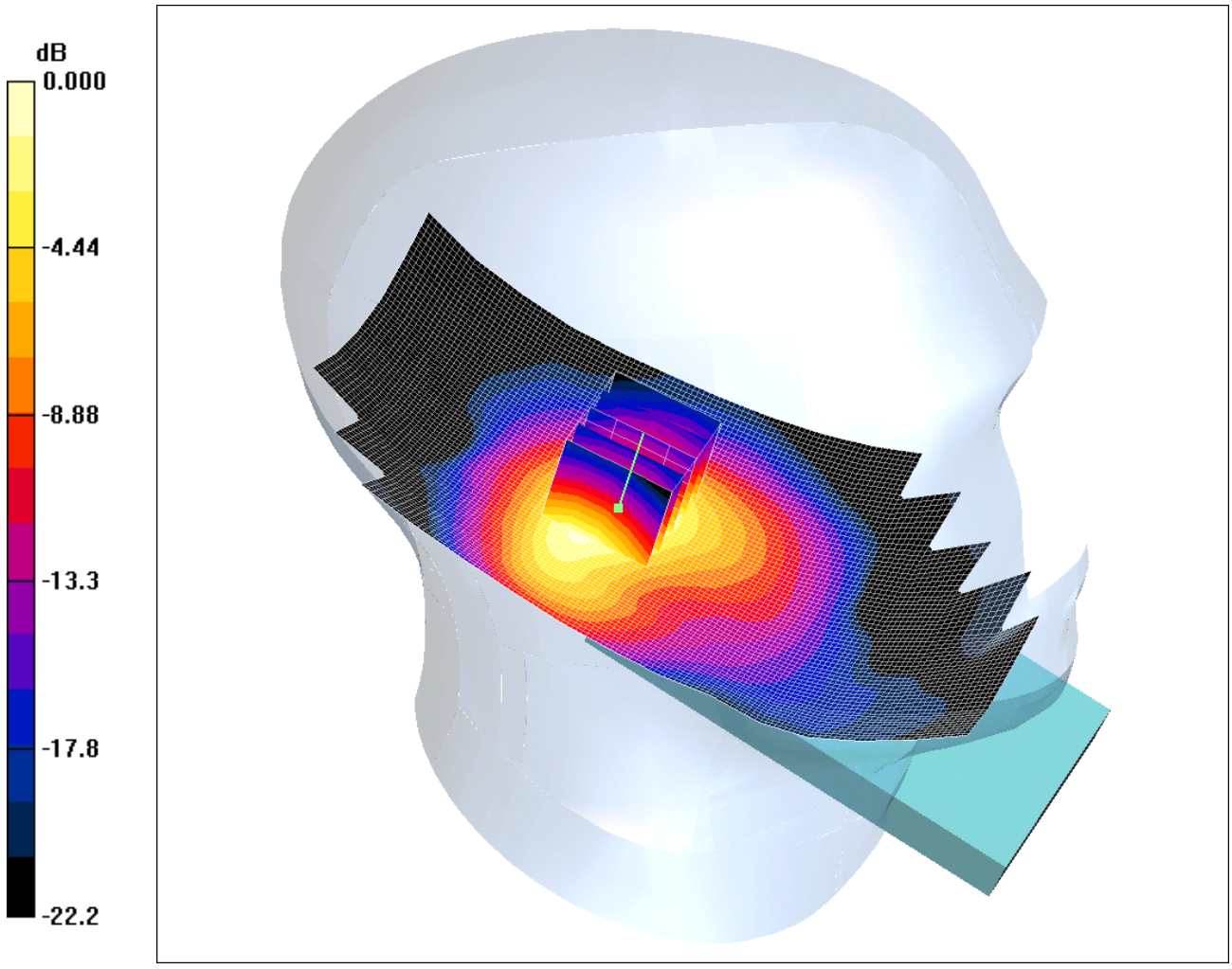


0 dB = 0.246mW/g

Communication System: WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): f = 2437 MHz; σ = 1.81 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(7.88, 7.88, 7.88); Calibrated: 15/02/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 Antenna Extended - Middle/Area Scan (71x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.247 mW/g
Touch Left Antenna Extended - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.5 V/m; Power Drift = 0.008 dB
Peak SAR (extrapolated) = 0.331 W/kg
SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.104 mW/g
Maximum value of SAR (measured) = 0.246 mW/g

SCN/81533JD05/082: Tilt Left Antenna Retracted WiFi 802.11b 1Mbps CH6
Date 08/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Retracted); Serial: 356333040014081

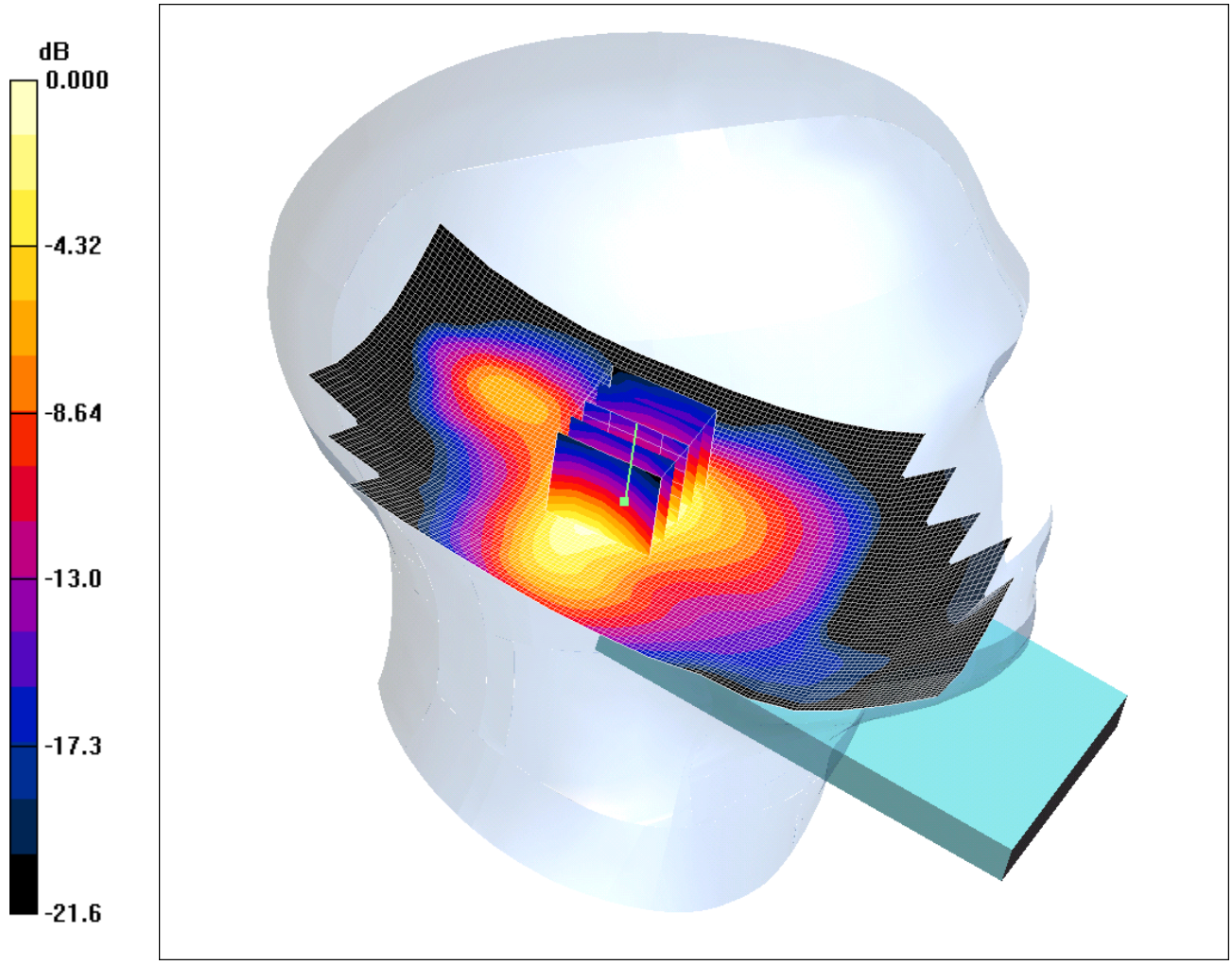


0 dB = 0.274mW/g

Communication System: WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): f = 2437 MHz; σ = 1.81 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(7.88, 7.88, 7.88); Calibrated: 15/02/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 Antenna Retracted - Middle/Area Scan (71x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.285 mW/g
Tilt Left Antenna Retracted - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.4 V/m; Power Drift = -0.245 dB
Peak SAR (extrapolated) = 0.375 W/kg
SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.108 mW/g
Maximum value of SAR (measured) = 0.274 mW/g

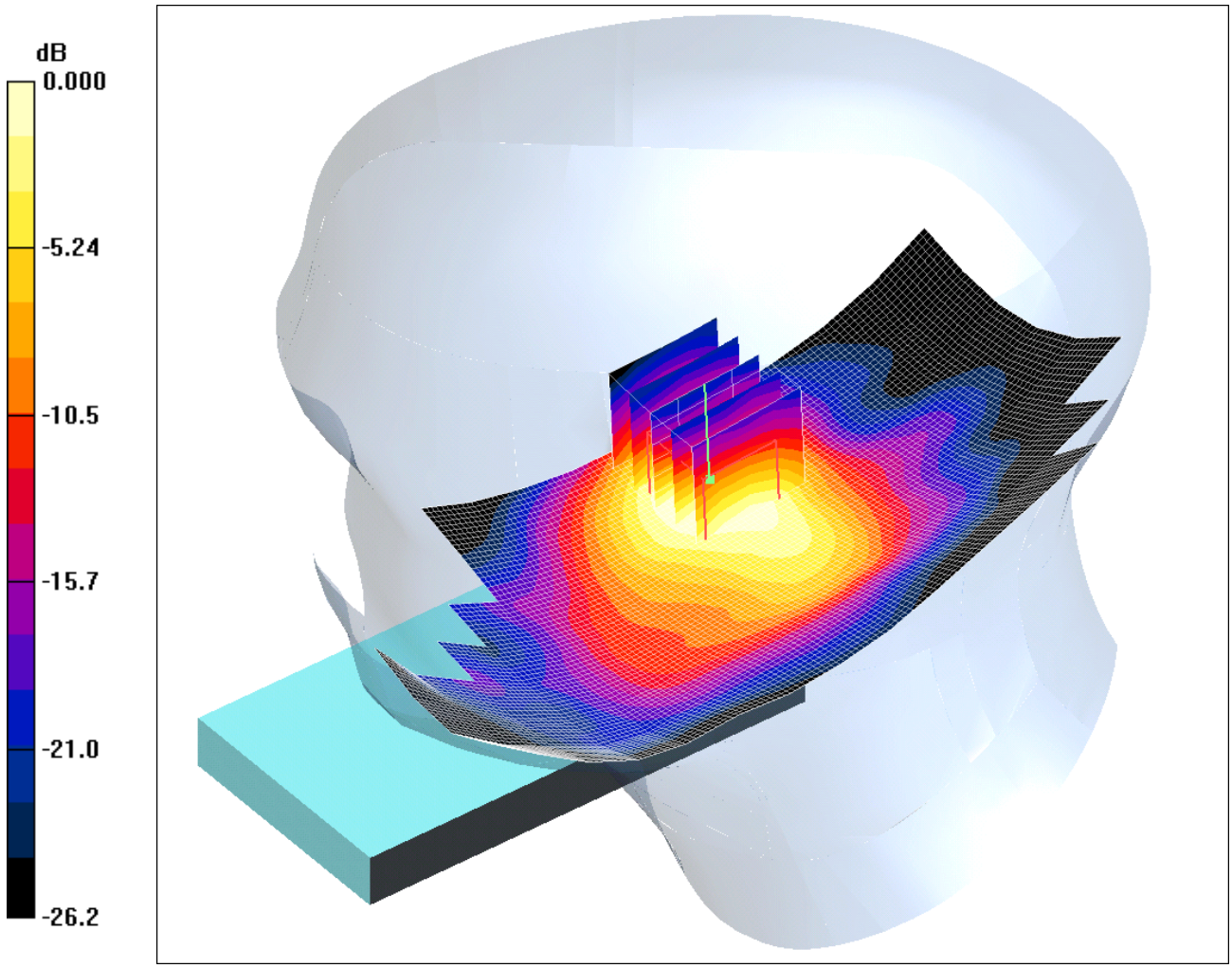
SCN/81533JD05/083: Tilt Left Antenna Extended WiFi 802.11b 1Mbps CH6
Date 08/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Extended); Serial: 356333040014081



0 dB = 0.260mW/g

Communication System: WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): f = 2437 MHz; σ = 1.81 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(7.88, 7.88, 7.88); Calibrated: 15/02/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 Antenna Extended - Middle/Area Scan (71x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.265 mW/g
Tilt Left Antenna Extended - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.8 V/m; Power Drift = -0.035 dB
Peak SAR (extrapolated) = 0.356 W/kg
SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.101 mW/g
Maximum value of SAR (measured) = 0.260 mW/g

SCN/81533JD05/084: Touch Right Antenna Retracted WiFi 802.11b 1Mbps CH6
Date 08/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Retracted); Serial: 356333040014081

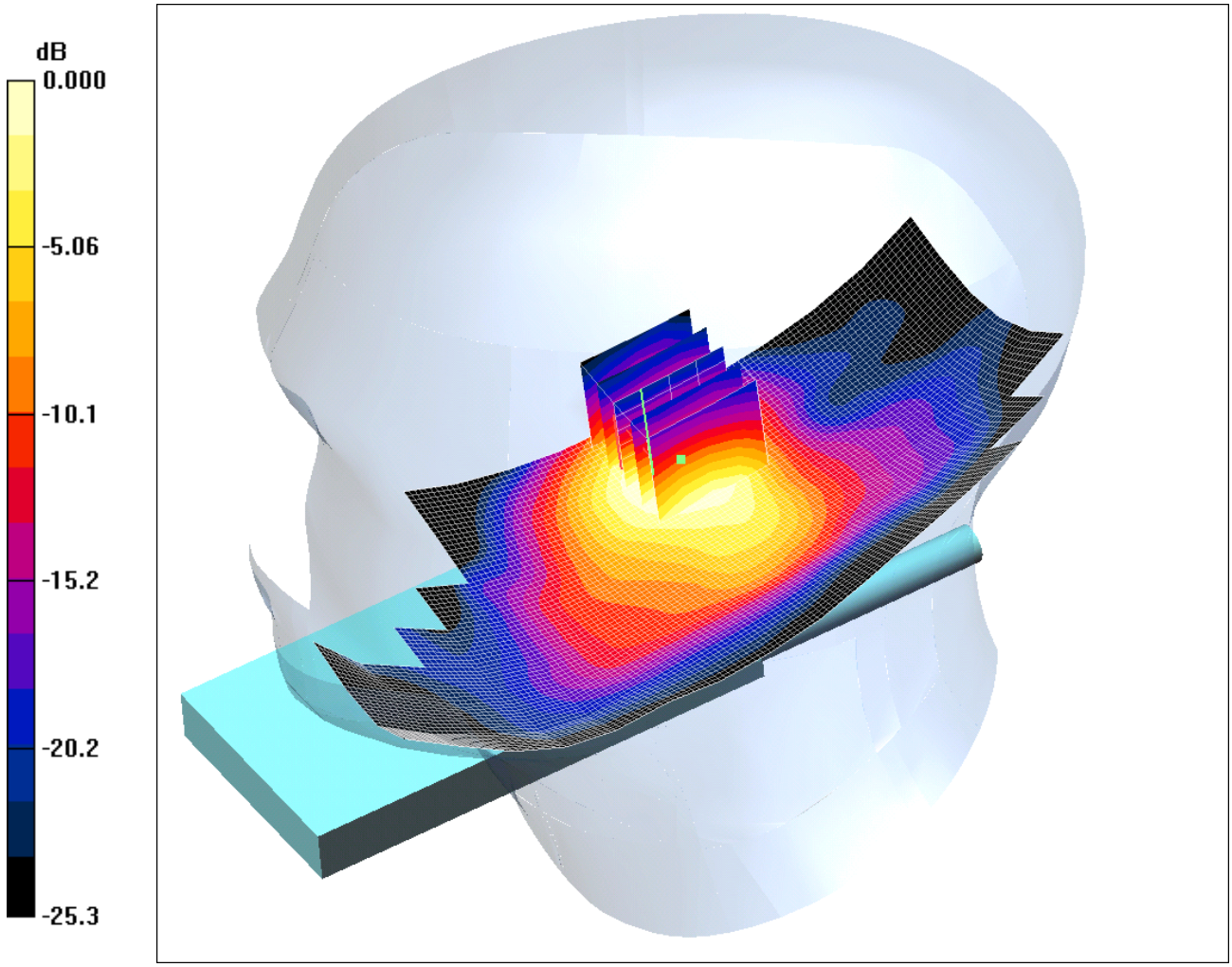


0 dB = 0.394mW/g

Communication System: WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): f = 2437 MHz; σ = 1.81 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(7.88, 7.88, 7.88); Calibrated: 15/02/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 Antenna Retracted - Middle/Area Scan (71x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.601 mW/g
Touch Right Antenna Retracted - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.2 V/m; Power Drift = -0.071 dB
Peak SAR (extrapolated) = 0.677 W/kg
SAR(1 g) = 0.294 mW/g; SAR(10 g) = 0.158 mW/g
Maximum value of SAR (measured) = 0.394 mW/g

SCN/81533JD05/085: Touch Right Antenna Extended WiFi 802.11b 1Mbps CH6
Date 08/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Extended); Serial: 356333040014081

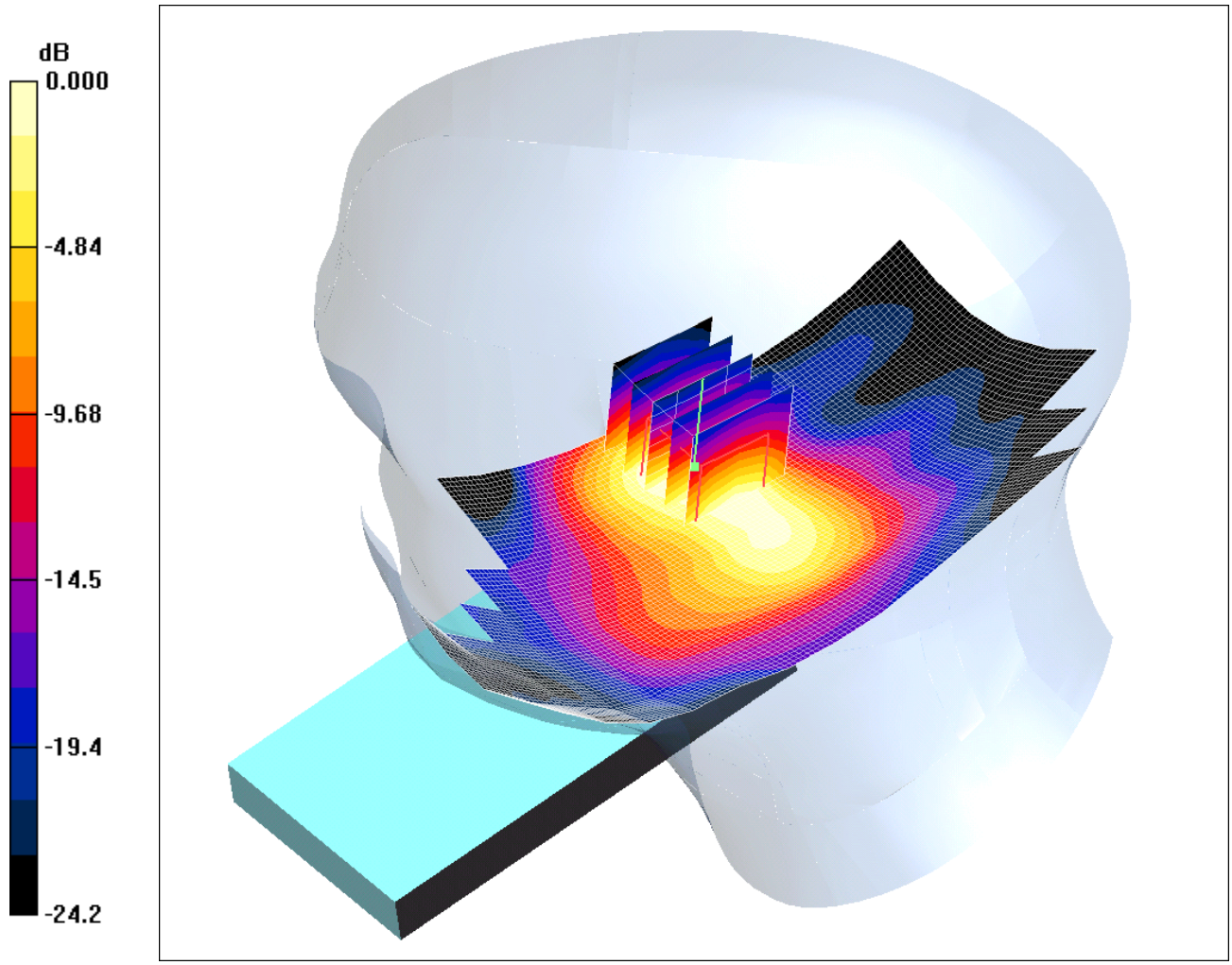


0 dB = 0.442mW/g

Communication System: WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): f = 2437 MHz; σ = 1.81 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(7.88, 7.88, 7.88); Calibrated: 15/02/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 Antenna Extended - Middle/Area Scan (71x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.723 mW/g
Touch Right Antenna Extended - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.0 V/m; Power Drift = -0.291 dB
Peak SAR (extrapolated) = 0.779 W/kg
SAR(1 g) = 0.336 mW/g; SAR(10 g) = 0.178 mW/g
Maximum value of SAR (measured) = 0.442 mW/g

SCN/81533JD05/086: Tilt Right Antenna Retracted WiFi 802.11b 1Mbps CH6
Date 08/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Extended); Serial: 356333040014081

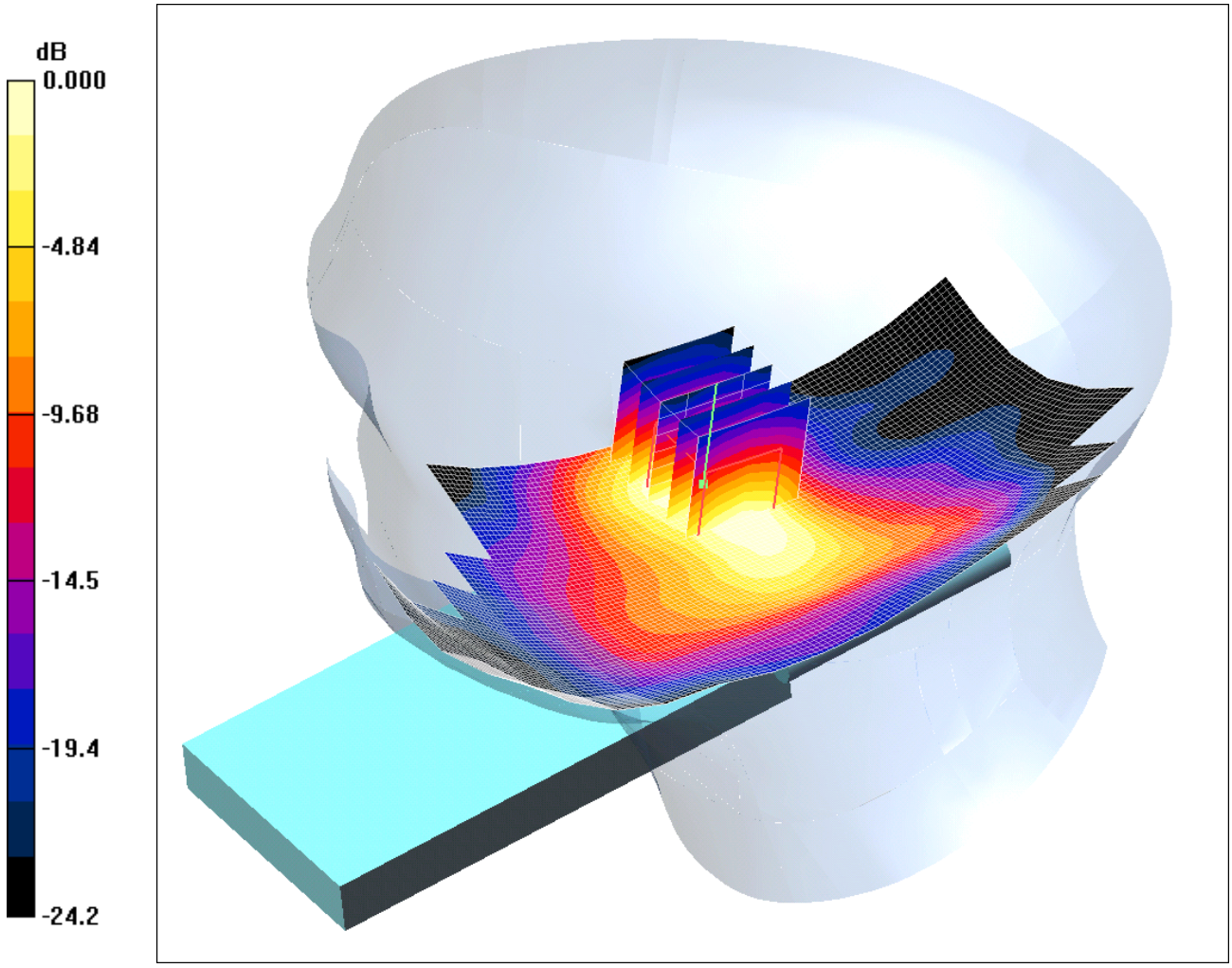


0 dB = 0.302mW/g

Communication System: WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): f = 2437 MHz; σ = 1.81 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(7.88, 7.88, 7.88); Calibrated: 15/02/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 Right Antenna Retracted - Middle/Area Scan (71x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.409 mW/g
Tilt Right Antenna Retracted - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.6 V/m; Power Drift = -0.075 dB
Peak SAR (extrapolated) = 0.491 W/kg
SAR(1 g) = 0.220 mW/g; SAR(10 g) = 0.112 mW/g
Maximum value of SAR (measured) = 0.302 mW/g

SCN/81533JD05/087: Tilt Right Antenna Extended WiFi 802.11b 1Mbps CH6
Date 08/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Extended); Serial: 356333040014081

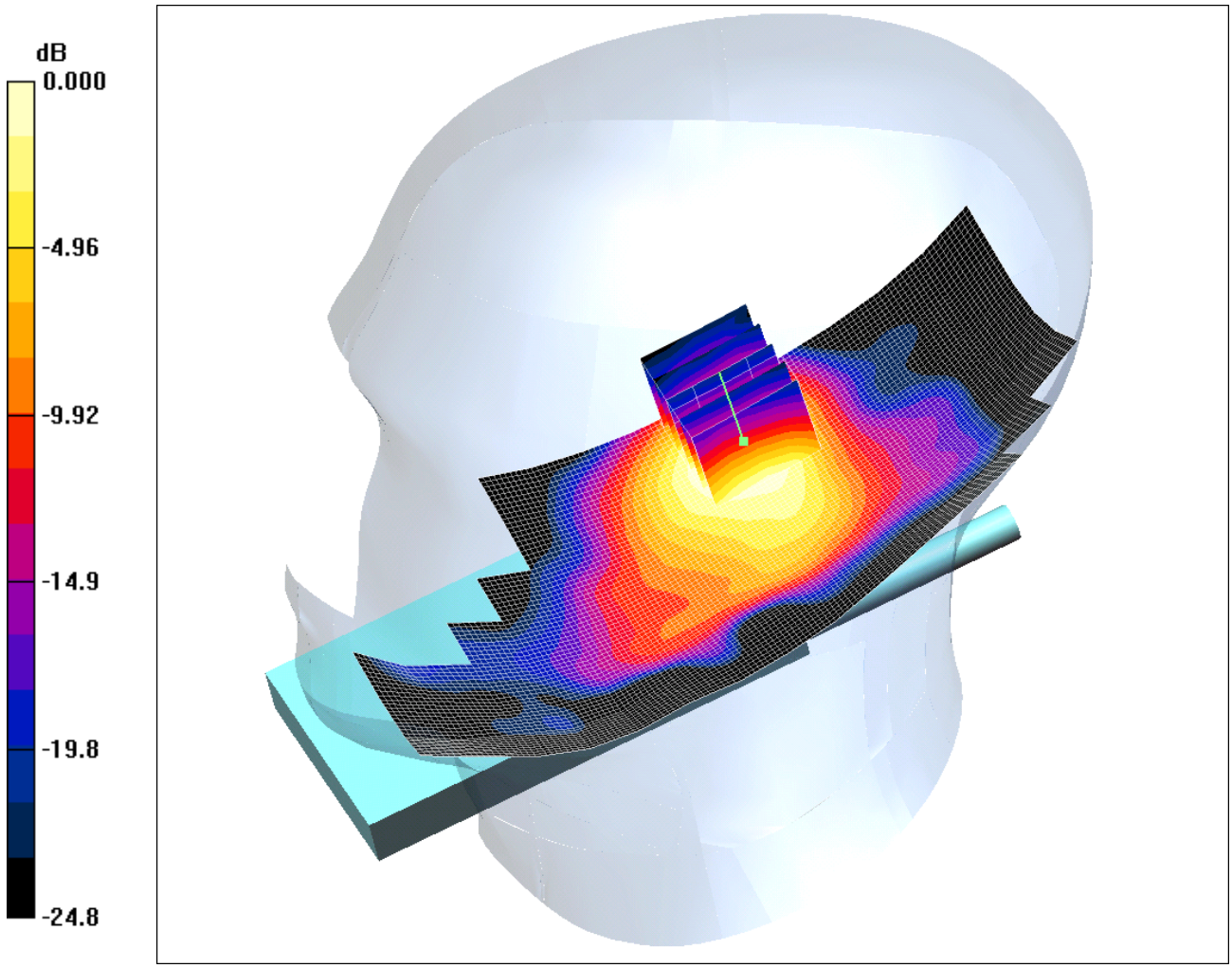


0 dB = 0.317mW/g

Communication System: WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): f = 2437 MHz; σ = 1.81 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(7.88, 7.88, 7.88); Calibrated: 15/02/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 Right Antenna Extended - Middle/Area Scan (71x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.422 mW/g
Tilt Right Antenna Extended - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.9 V/m; Power Drift = -0.042 dB
Peak SAR (extrapolated) = 0.507 W/kg
SAR(1 g) = 0.230 mW/g; SAR(10 g) = 0.118 mW/g
Maximum value of SAR (measured) = 0.317 mW/g

SCN/81533JD05/088: Tilt Right Antenna Extended WiFi 802.11g 6Mbps CH6
Date 08/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Extended); Serial: 356333040014081

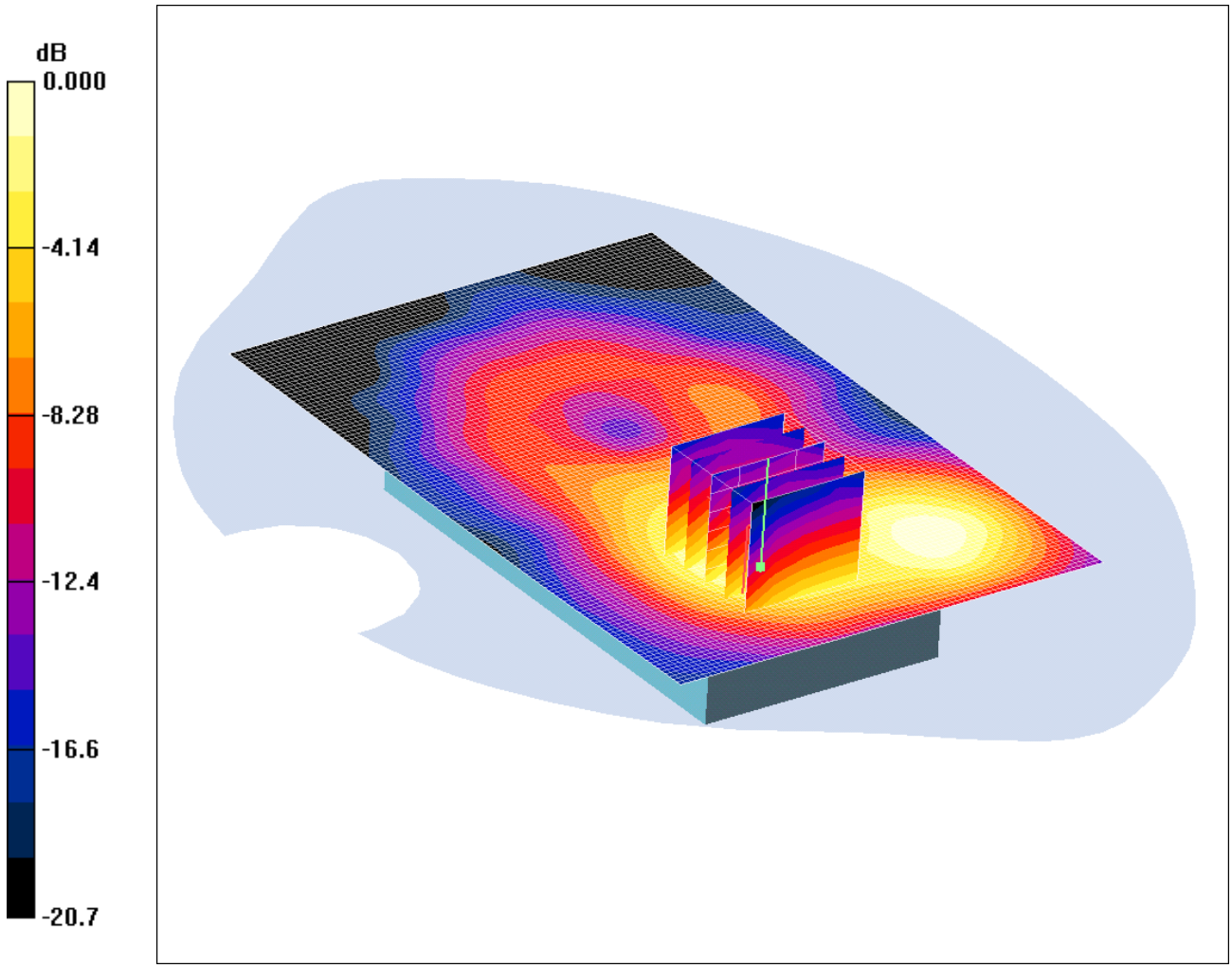


0 dB = 0.261mW/g

Communication System: WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): f = 2437 MHz; σ = 1.81 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(7.88, 7.88, 7.88); Calibrated: 15/02/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 Antenna Extended - Middle/Area Scan (71x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.396 mW/g
Touch Right Antenna Extended - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.64 V/m; Power Drift = -0.202 dB
Peak SAR (extrapolated) = 0.444 W/kg
SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.100 mW/g
Maximum value of SAR (measured) = 0.261 mW/g

SCN/81533JD05/089: Front of EUT Facing Phantom Antenna Retracted Hotspot Mode WiFi 802.11b 1 Mbps CH6
Date 09/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Retracted); Serial: 356333040014081

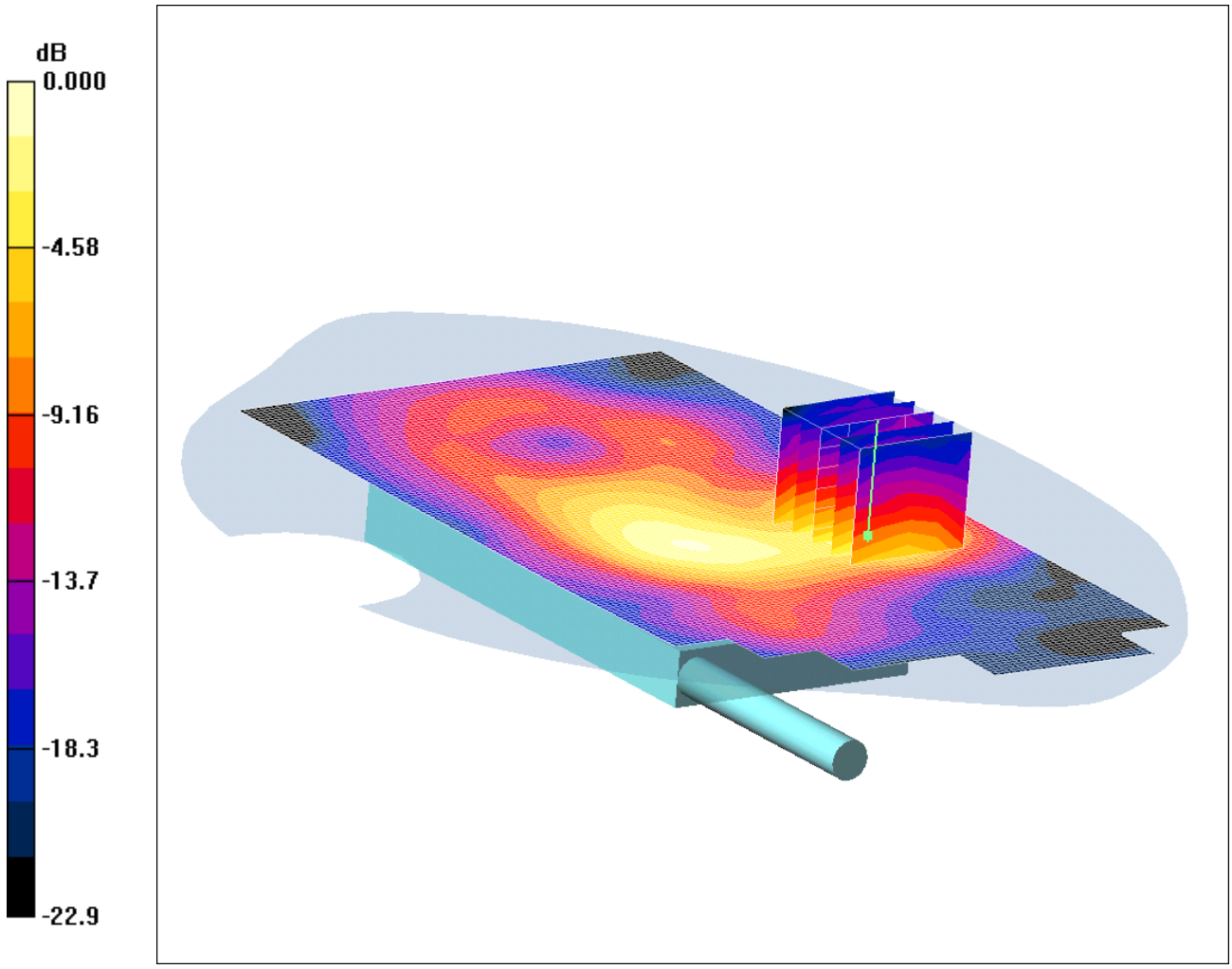


0 dB = 0.083mW/g

Communication System: WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450 MHz MSL Medium parameters used (interpolated): f = 2437 MHz; σ = 1.97 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(7.97, 7.97, 7.97); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 EUT Facing Phantom Antenna Retracted - Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.074 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 = 2.86 V/m; Power Drift = 0.139 dB
Peak SAR (extrapolated) = 0.114 W/kg
SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.037 mW/g
Maximum value of SAR (measured) = 0.083 mW/g

SCN/81533JD05/090: Front of EUT Facing Phantom Antenna Extended Hotspot Mode WiFi 802.11b 1 Mbps CH6
Date 09/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Extended); Serial: 356333040014081

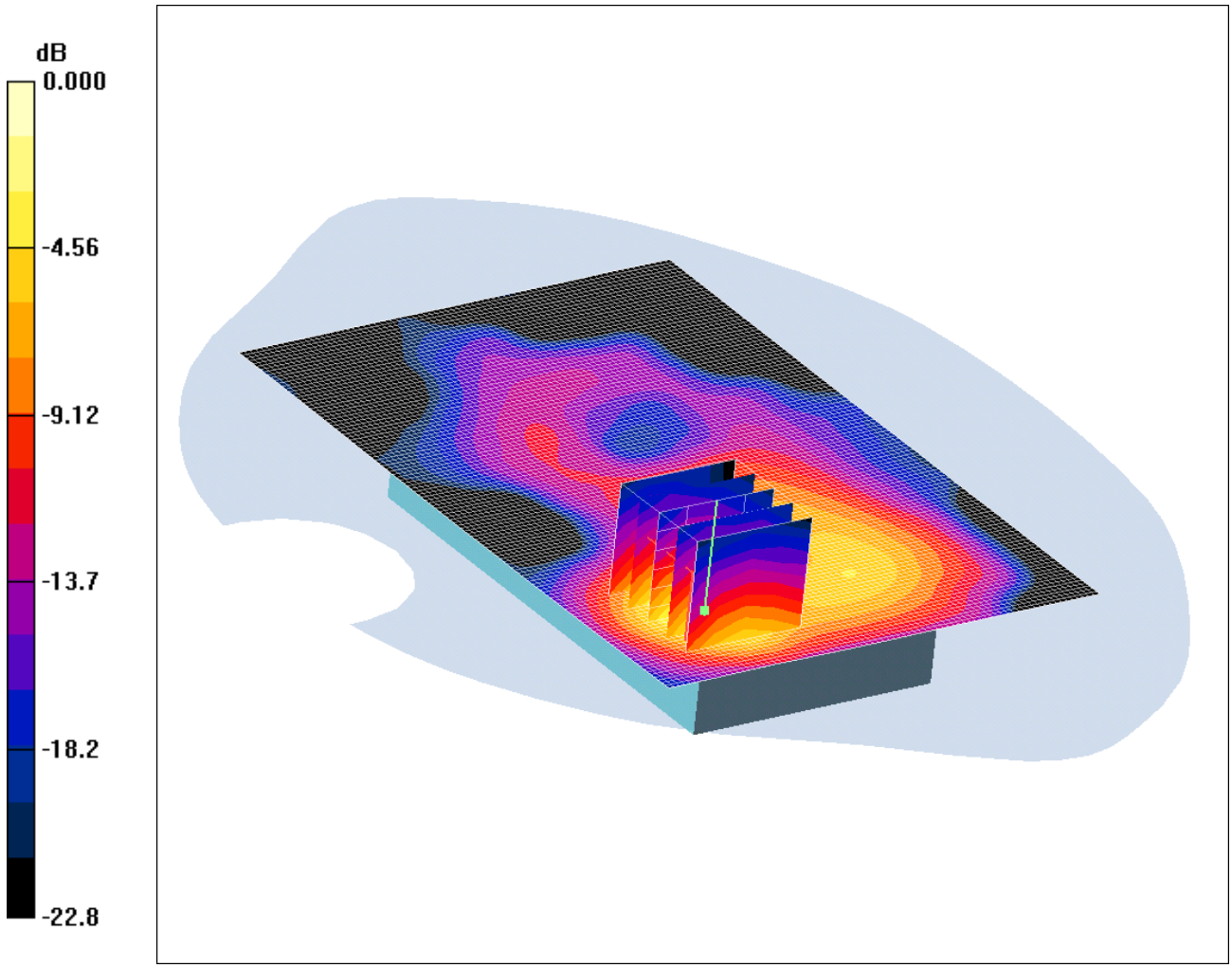


0 dB = 0.097mW/g

Communication System: WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450 MHz MSL Medium parameters used (interpolated): f = 2437 MHz; σ = 1.97 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(7.97, 7.97, 7.97); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 EUT Facing Phantom Antenna Extended- Middle/Area Scan (81x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.084 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 = 4.10 V/m; Power Drift = -0.238 dB
Peak SAR (extrapolated) = 0.146 W/kg
SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.035 mW/g
Maximum value of SAR (measured) = 0.097 mW/g

SCN/81533JD05/091: Rear of EUT Facing Phantom Antenna Retracted Hotspot Mode WiFi 802.11b 1 Mbps CH6
Date 09/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Retracted); Serial: 356333040014081

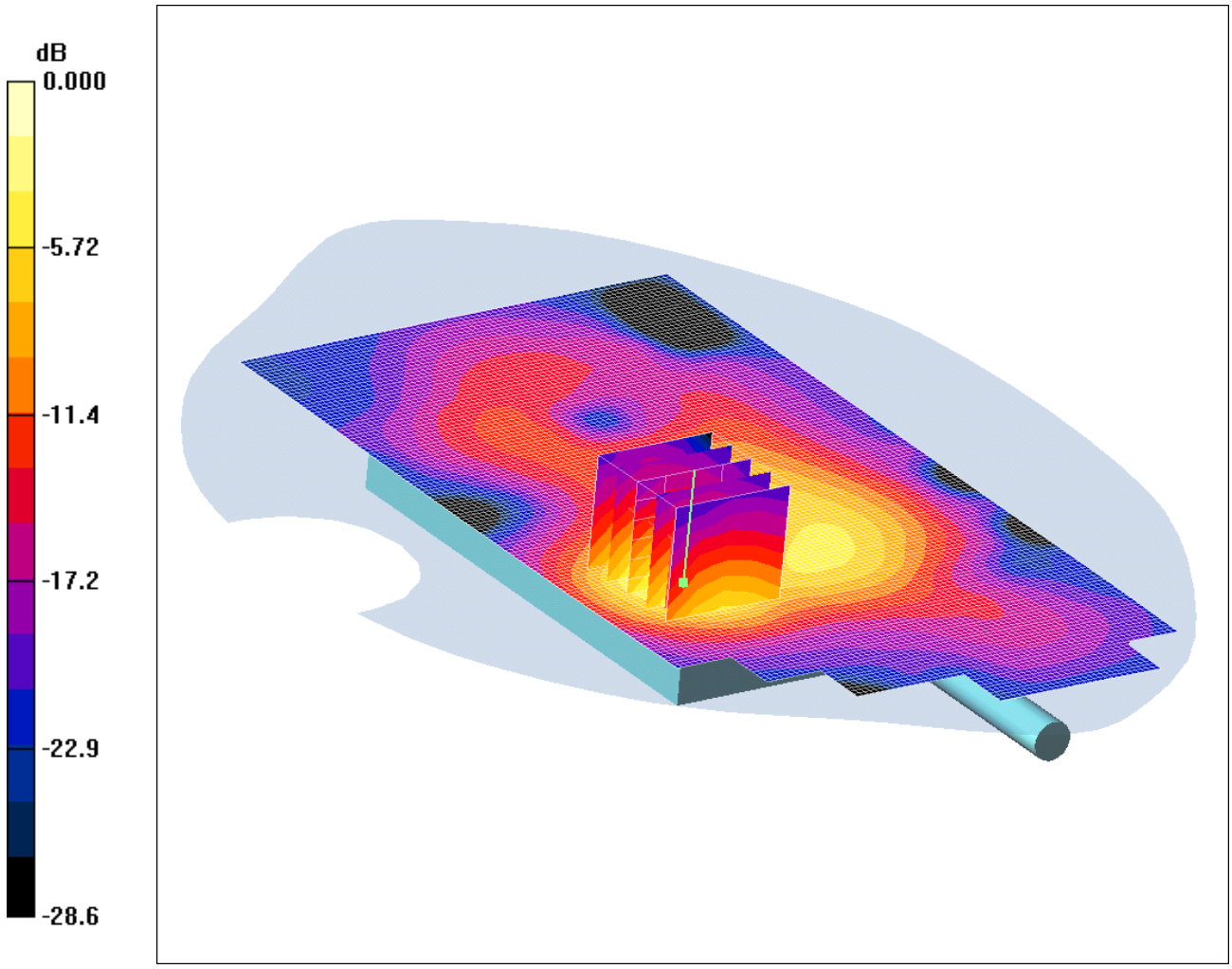


0 dB = 0.140mW/g

Communication System: WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450 MHz MSL Medium parameters used (interpolated): f = 2437 MHz; σ = 1.97 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(7.97, 7.97, 7.97); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 EUT Facing Phantom Antenna Retracted - Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.112 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 = 2.54 V/m; Power Drift = 0.406 dB
Peak SAR (extrapolated) = 0.208 W/kg
SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.046 mW/g
Maximum value of SAR (measured) = 0.140 mW/g

SCN/81533JD05/092: Rear of EUT Facing Phantom Antenna Extended Hotspot Mode WiFi 802.11b 1 Mbps CH6
Date 09/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Extended); Serial: 356333040014081

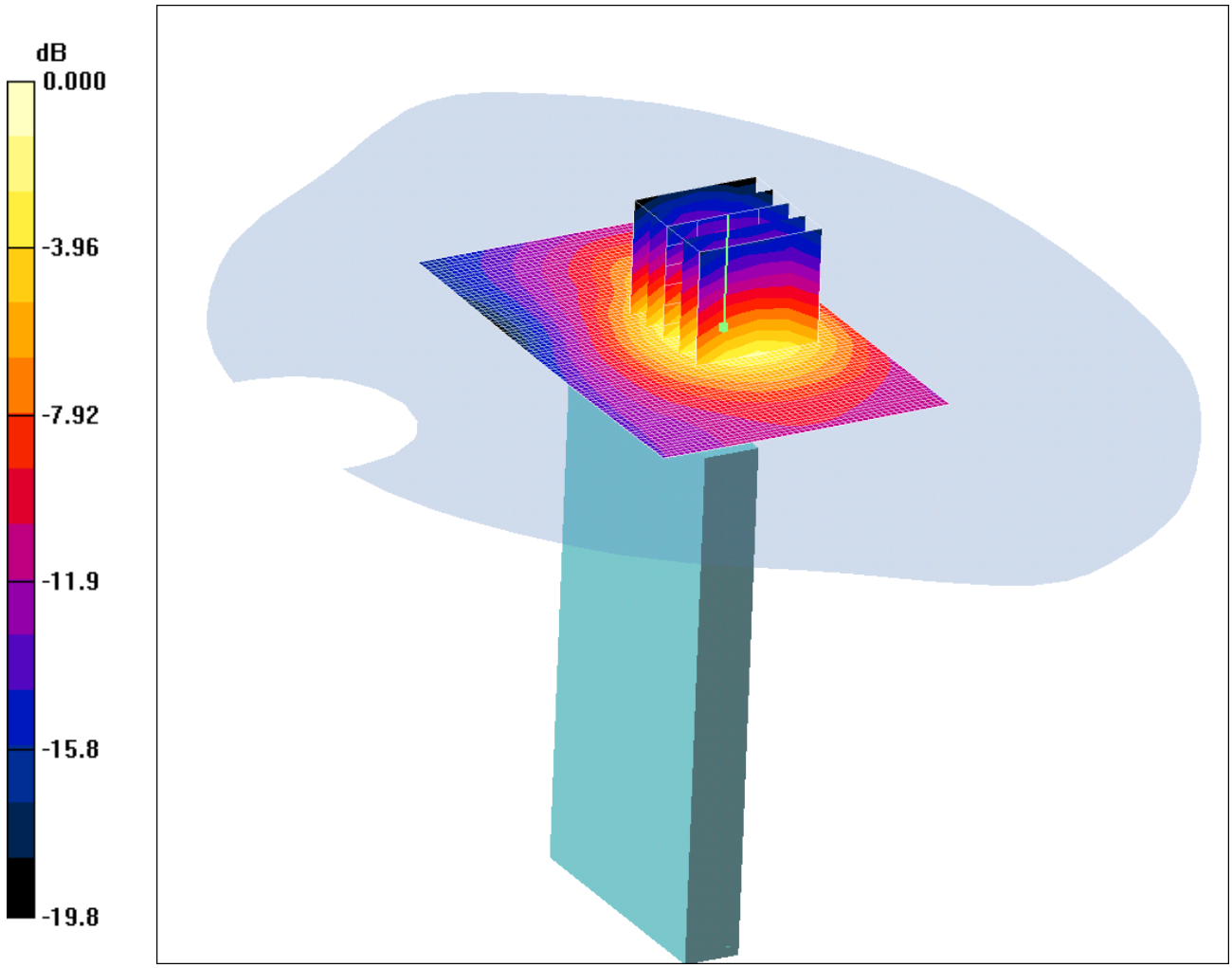


0 dB = 0.171mW/g

Communication System: WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450 MHz MSL Medium parameters used (interpolated): f = 2437 MHz; σ = 1.97 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(7.97, 7.97, 7.97); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 EUT Facing Phantom Antenna Extended - Middle/Area Scan (81x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.143 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 = 3.53 V/m; Power Drift = -0.163 dB
Peak SAR (extrapolated) = 0.250 W/kg
SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.054 mW/g
Maximum value of SAR (measured) = 0.171 mW/g

SCN/81533JD05/093: Top of EUT Facing Phantom Antenna Retracted Hotspot Mode WiFi 802.11b 1 Mbps CH6
Date 09/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Extended); Serial: 356333040014081

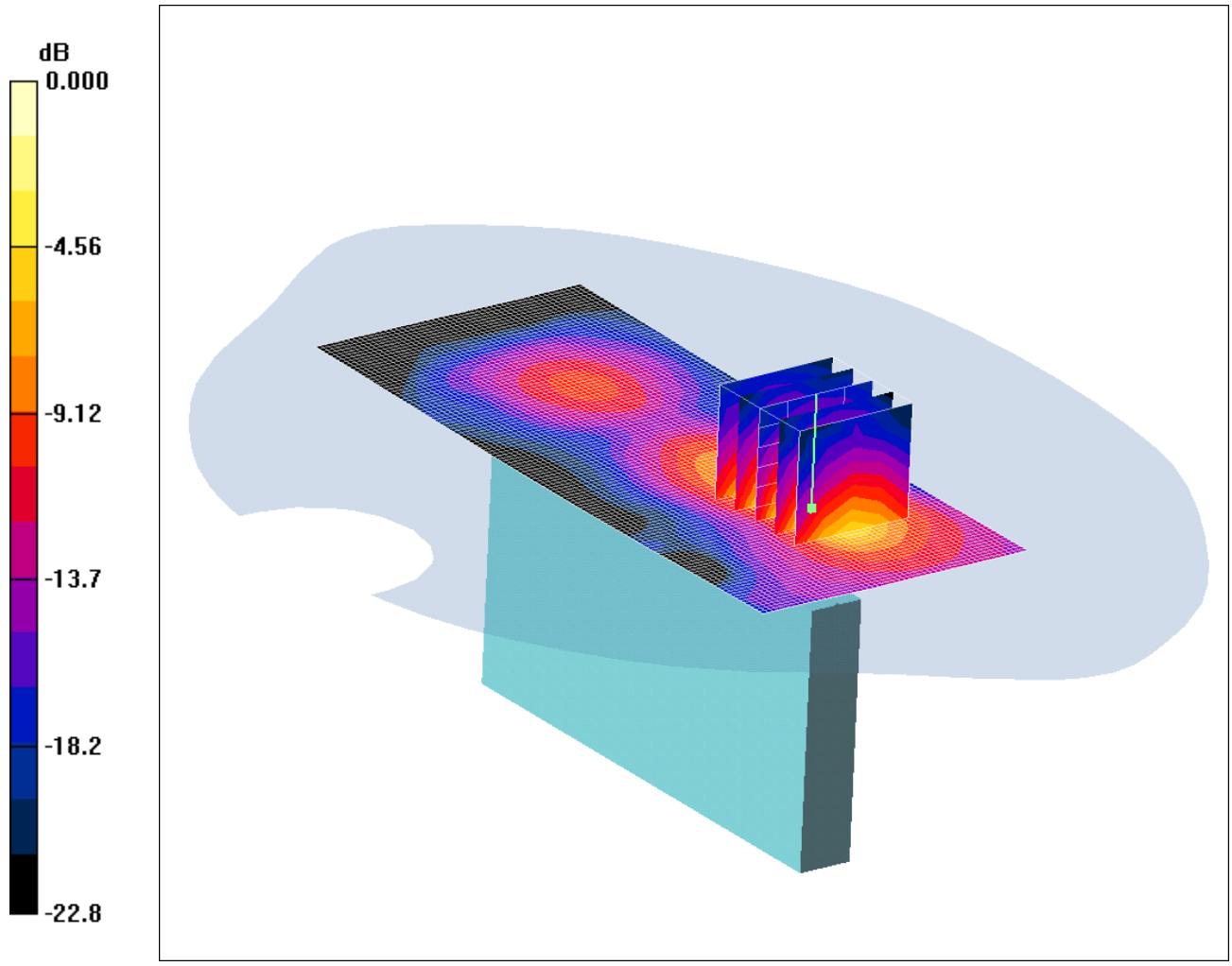


0 dB = 0.116mW/g

Communication System: WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450 MHz MSL Medium parameters used (interpolated): f = 2437 MHz; σ = 1.97 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(7.97, 7.97, 7.97); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Top Of EUT Facing Phantom Antenna Retracted - Middle/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.098 mW/g
Top Of EUT Facing Phantom Antenna Retracted - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.99 V/m; Power Drift = 0.107 dB
Peak SAR (extrapolated) = 0.161 W/kg
SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.116 mW/g

SCN/81533JD05/094: Left Hand Side of EUT Facing Phantom Antenna Retracted Hotspot Mode WiFi 802.11b 1 Mbps CH6
Date 09/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Retracted); Serial: 356333040014081

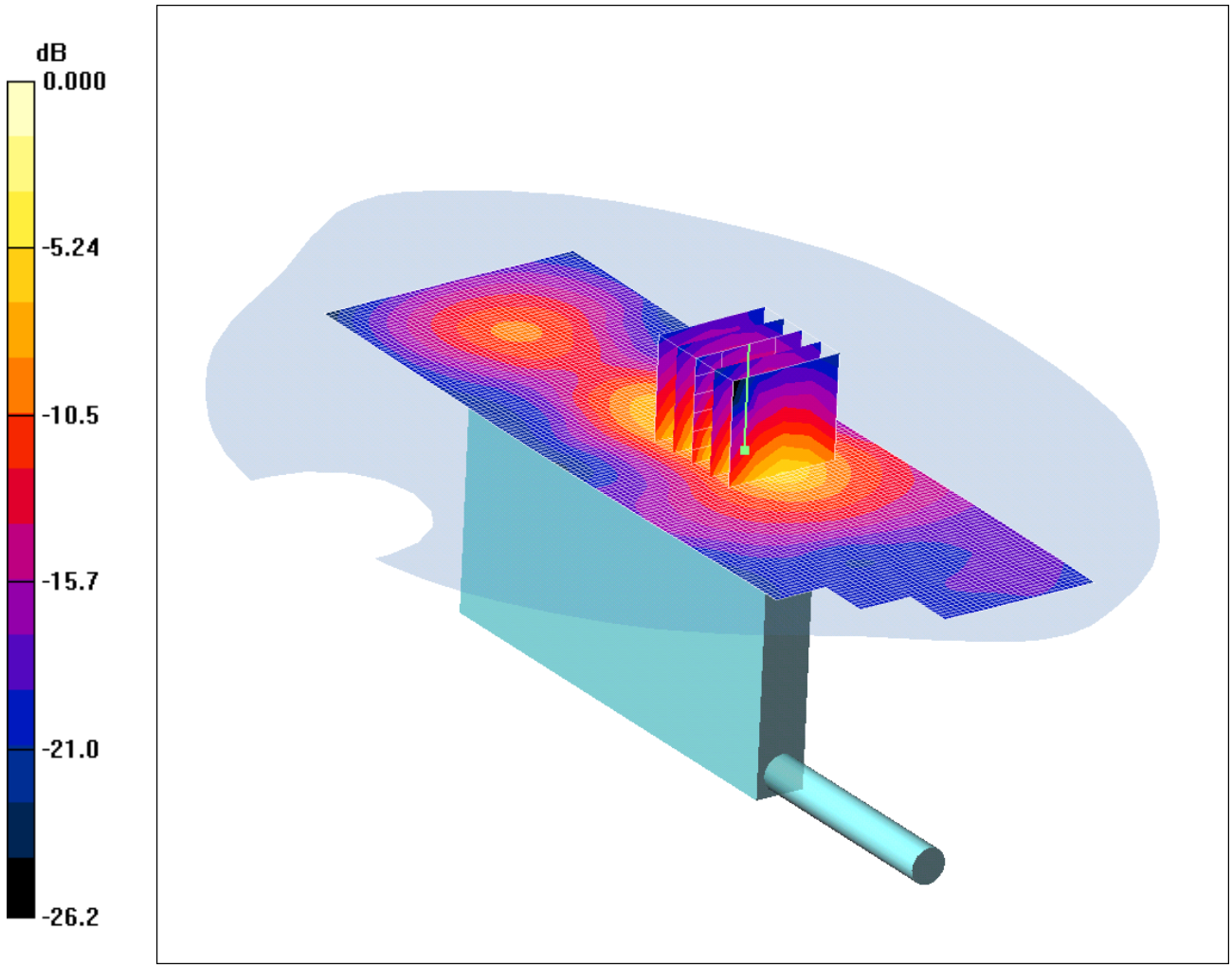


0 dB = 0.146mW/g

Communication System: WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450 MHz MSL Medium parameters used (interpolated): f = 2437 MHz; σ = 1.97 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(7.97, 7.97, 7.97); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Hand Side Of EUT Facing Phantom Antenna Extended - Middle/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.114 mW/g
Left Hand Side Of EUT Facing Phantom Antenna Extended - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.86 V/m; Power Drift = 0.046 dB
Peak SAR (extrapolated) = 0.218 W/kg
SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.044 mW/g
Maximum value of SAR (measured) = 0.146 mW/g

SCN/81533JD05/095: Left Hand Side of EUT Facing Phantom Antenna Extended Hotspot Mode WiFi 802.11b 1 Mbps CH6
Date 09/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Extended); Serial: 356333040014081

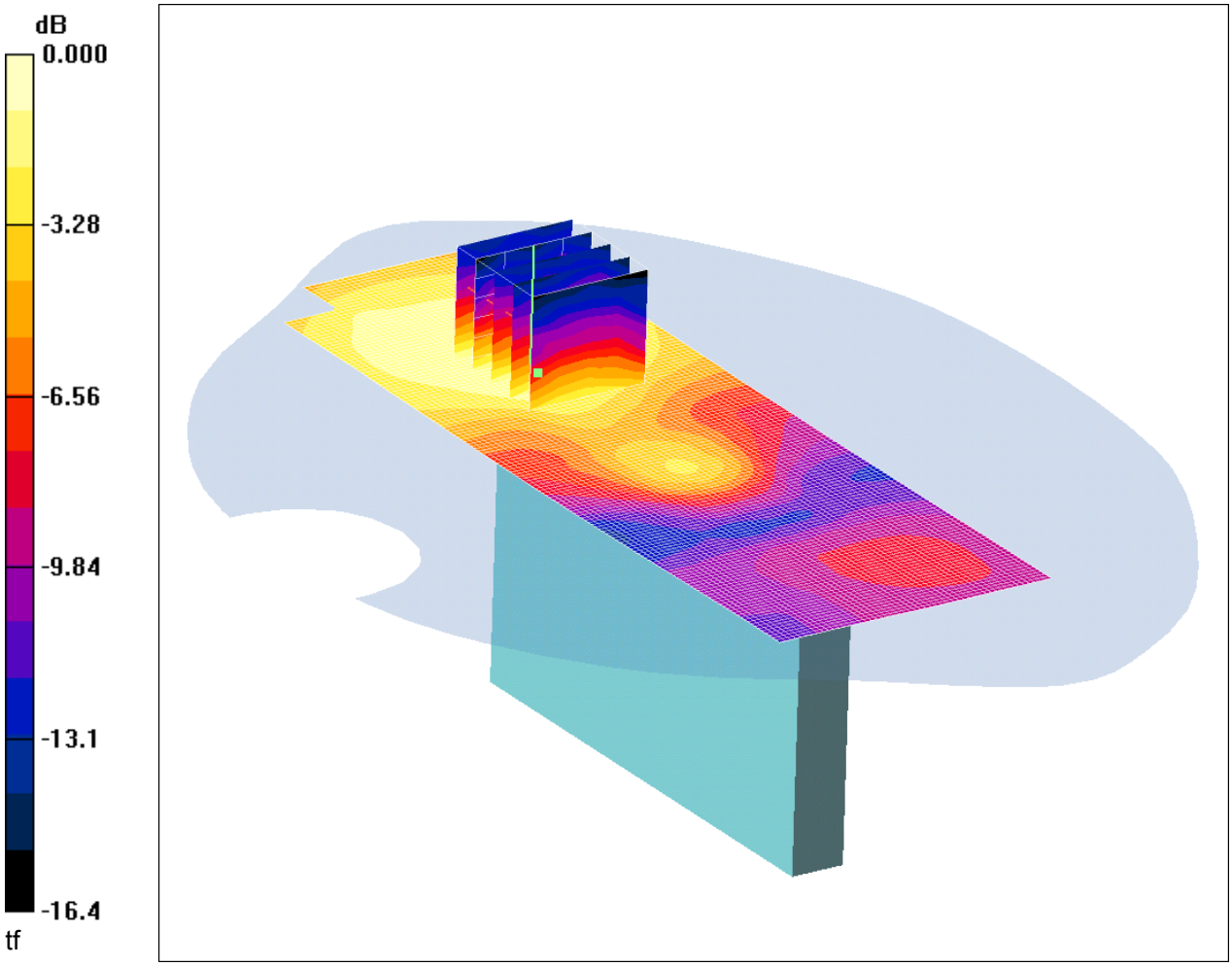


0 dB = 0.185mW/g

Communication System: WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450 MHz MSL Medium parameters used (interpolated): f = 2437 MHz; σ = 1.97 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(7.97, 7.97, 7.97); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Hand Side Of EUT Facing Phantom Antenna Extended - Middle/Area Scan 2 (51x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.147 mW/g
Left Hand Side Of EUT Facing Phantom Antenna Extended - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.04 V/m; Power Drift = 0.129 dB
Peak SAR (extrapolated) = 0.275 W/kg
SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.056 mW/g
Maximum value of SAR (measured) = 0.185 mW/g

SCN/81533JD05/096: Right Hand Side of EUT Facing Phantom Antenna Retracted Hotspot Mode WiFi 802.11b 1 Mbps CH6
Date 09/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Retracted); Serial: 356333040014081

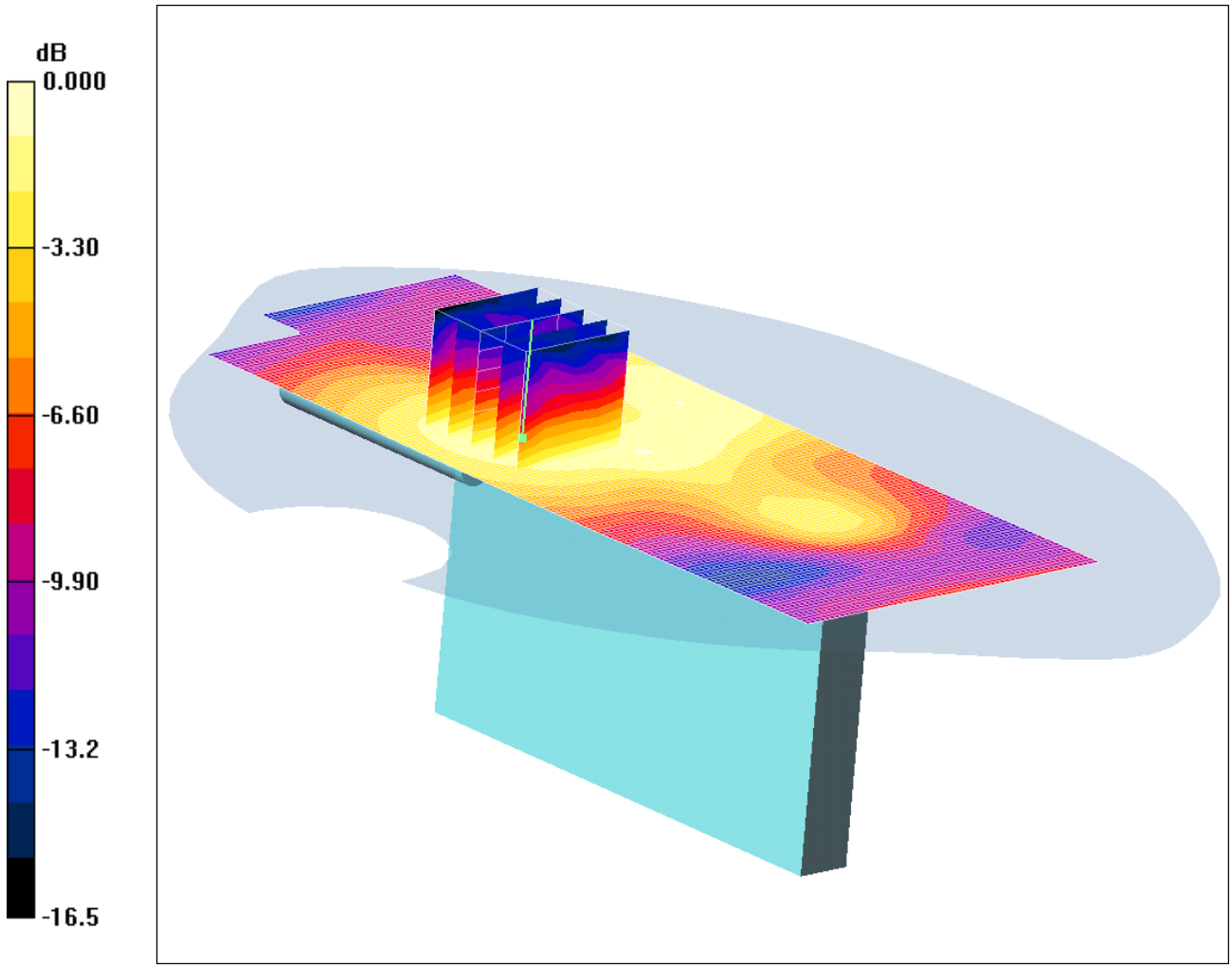


0 dB = 0.028mW/g

Communication System: WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450 MHz MSL Medium parameters used (interpolated): f = 2437 MHz; σ = 1.97 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(7.97, 7.97, 7.97); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Right Hand Side Of EUT Facing Phantom Antenna Retracted- Middle/Area Scan (51x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.023 mW/g
Right Hand Side Of EUT Facing Phantom Antenna Retracted- Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.78 V/m; Power Drift = -0.061 dB
Peak SAR (extrapolated) = 0.039 W/kg
SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.013 mW/g
Maximum value of SAR (measured) = 0.028 mW/g

SCN/81533JD05/097: Right Hand Side of EUT Facing Phantom Antenna Extended Hotspot Mode WiFi 802.11b 1 Mbps CH6
Date 09/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Extended); Serial: 356333040014081



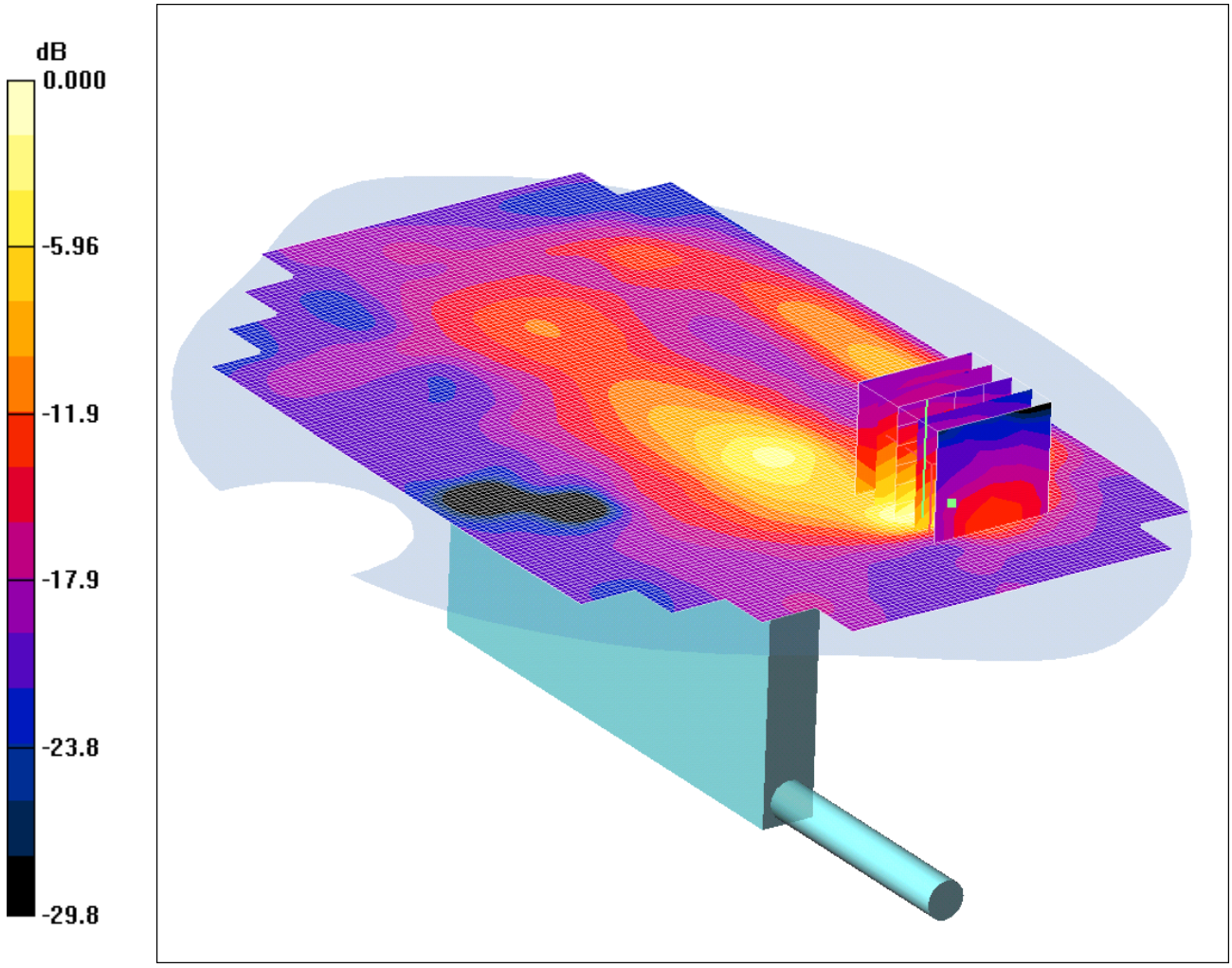
0 dB = 0.022mW/g

Communication System: WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450 MHz MSL Medium parameters used (interpolated): f = 2437 MHz; σ = 1.97 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(7.97, 7.97, 7.97); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Right Hand Side Of EUT Facing Phantom Antenna Extended - Middle/Area Scan 2 2 (61x151x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.018 mW/g

Right Hand Side Of EUT Facing Phantom Antenna Extended - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.20 V/m; Power Drift = 0.087 dB
Peak SAR (extrapolated) = 0.030 W/kg
SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.010 mW/g
Maximum value of SAR (measured) = 0.022 mW/g

SCN/81533JD05/098: Left Hand Side of EUT Facing Phantom Antenna Extended Hotspot Mode With PHF
WiFi 802.11b 1 Mbps CH6
Date 09/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Extended); Serial: 356333040014081

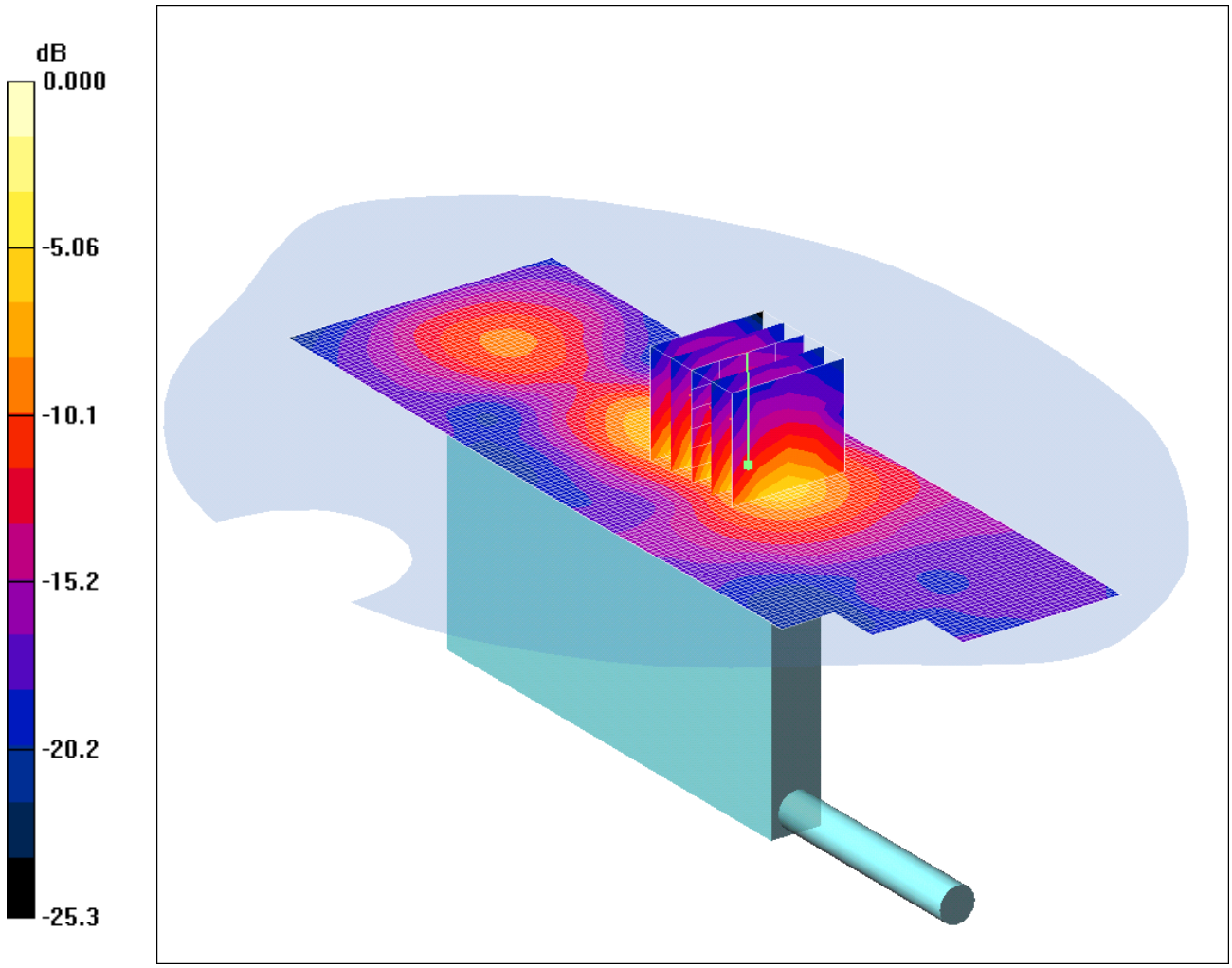


0 dB = 0.226mW/g

Communication System: WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450 MHz MSL Medium parameters used (interpolated): f = 2437 MHz; σ = 1.97 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(7.97, 7.97, 7.97); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Hand Side Of EUT Facing Phantom Antenna Extended - Middle/Area Scan (101x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.179 mW/g
Left Hand Side Of EUT Facing Phantom Antenna Extended - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.15 V/m; Power Drift = -0.342 dB
Peak SAR (extrapolated) = 0.358 W/kg
SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.062 mW/g
Maximum value of SAR (measured) = 0.226 mW/g

SCN/81533JD05/099: Left Hand Side of EUT Facing Phantom Antenna Extended Hotspot Mode WiFi 802.11g 6 Mbps CH6
Date 09/05/2011
DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: P-07C (Antenna Extended); Serial: 356333040014081

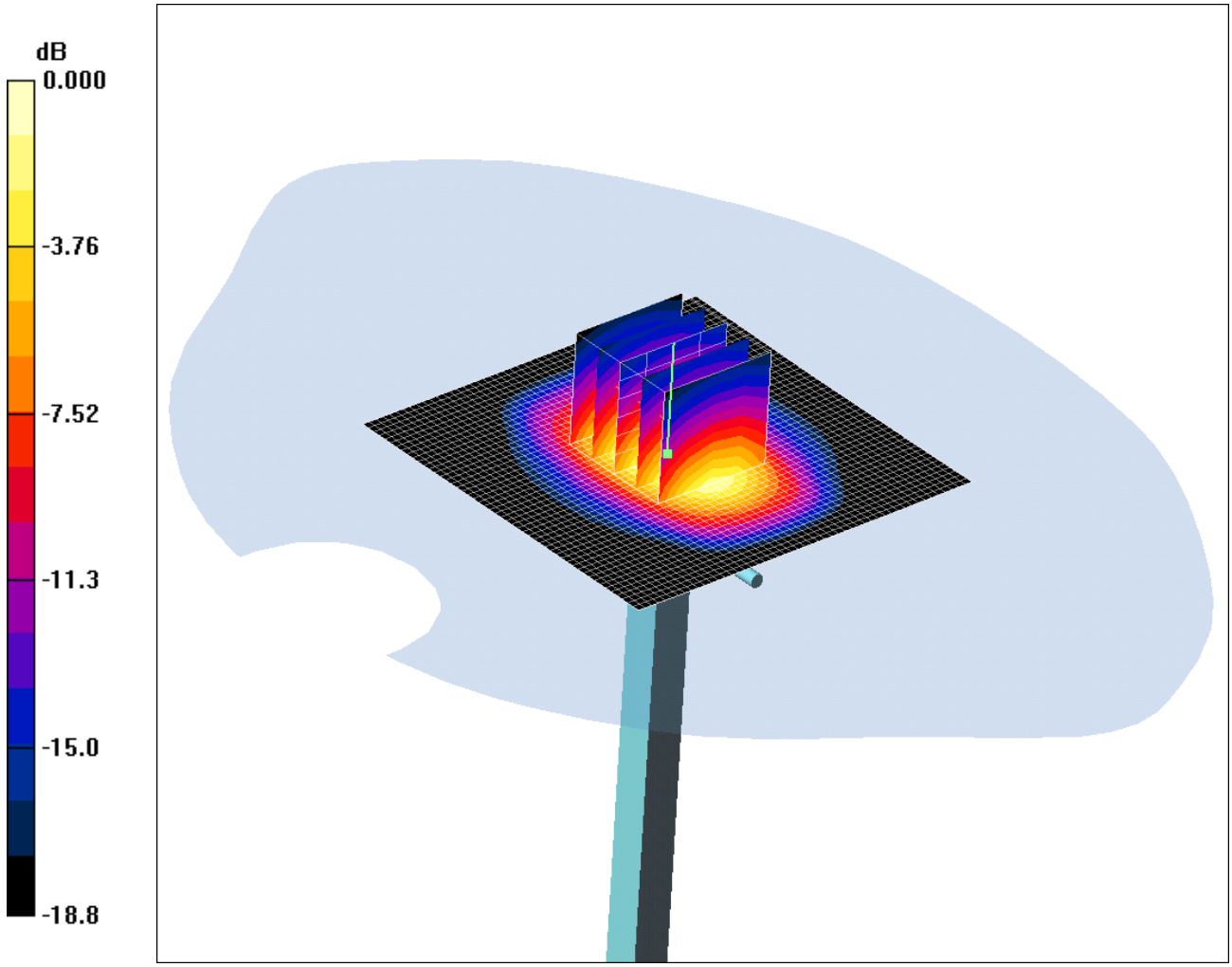


0 dB = 0.115mW/g

Communication System: WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450 MHz MSL Medium parameters used (interpolated): f = 2437 MHz; σ = 1.97 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(7.97, 7.97, 7.97); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Hand Side Of EUT Facing Phantom Antenna Extended - Middle/Area Scan 2 (51x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.090 mW/g
Left Hand Side Of EUT Facing Phantom Antenna Extended - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.98 V/m; Power Drift = 0.342 dB
Peak SAR (extrapolated) = 0.169 W/kg
SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.115 mW/g

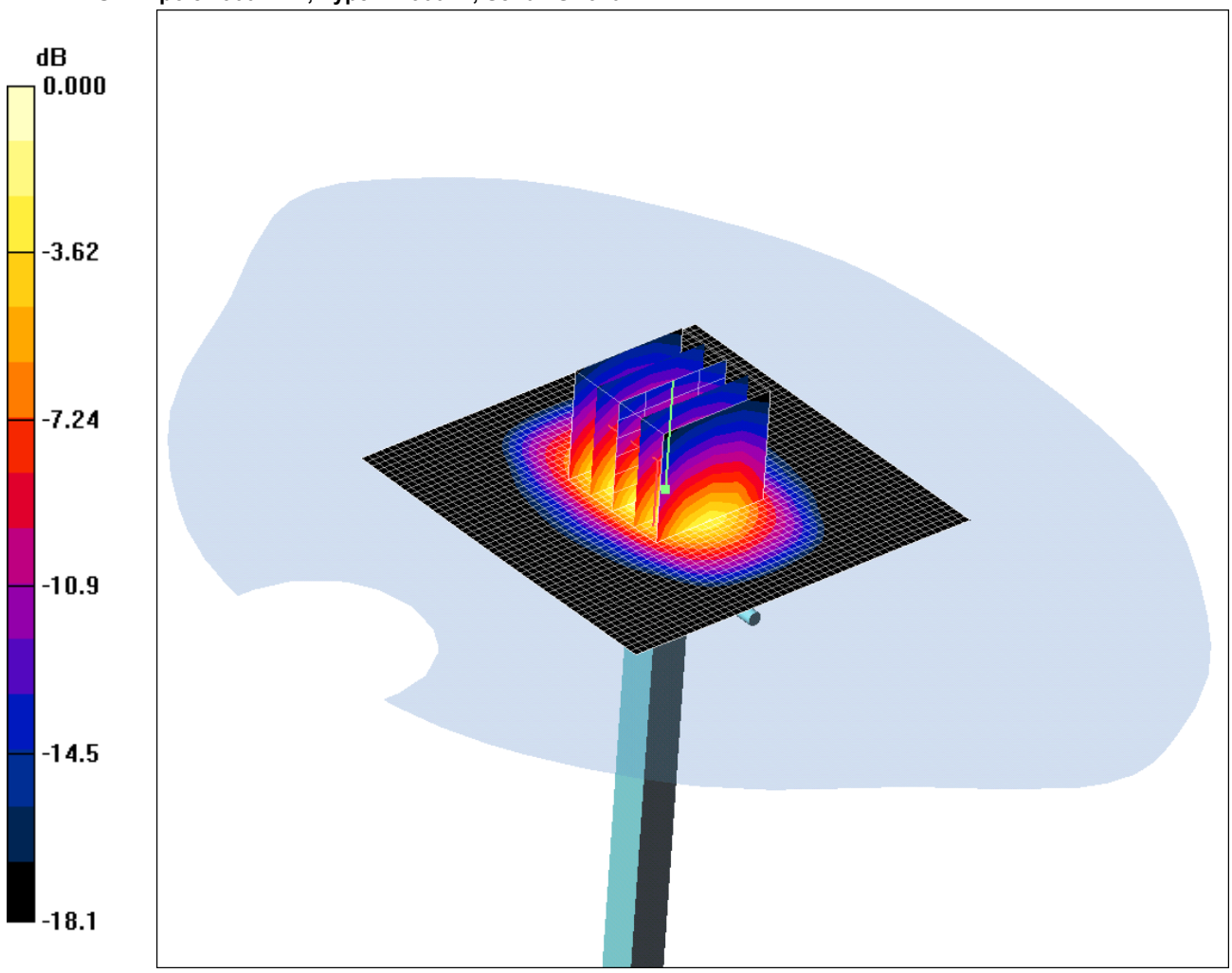
SCN/81533JD05/100: System Performance Check 1900MHz Head 28 04 11
Date 28/04/2011
DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN540



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 = 1.37 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(8.83, 8.83, 8.83); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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) = 16.0 mW/g
d=10mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 90.9 V/m; Power Drift = 0.037 dB
Peak SAR (extrapolated) = 19.4 W/kg
SAR(1 g) = 10.2 mW/g; SAR(10 g) = 5.22 mW/g
Maximum value of SAR (measured) = 11.4 mW/g

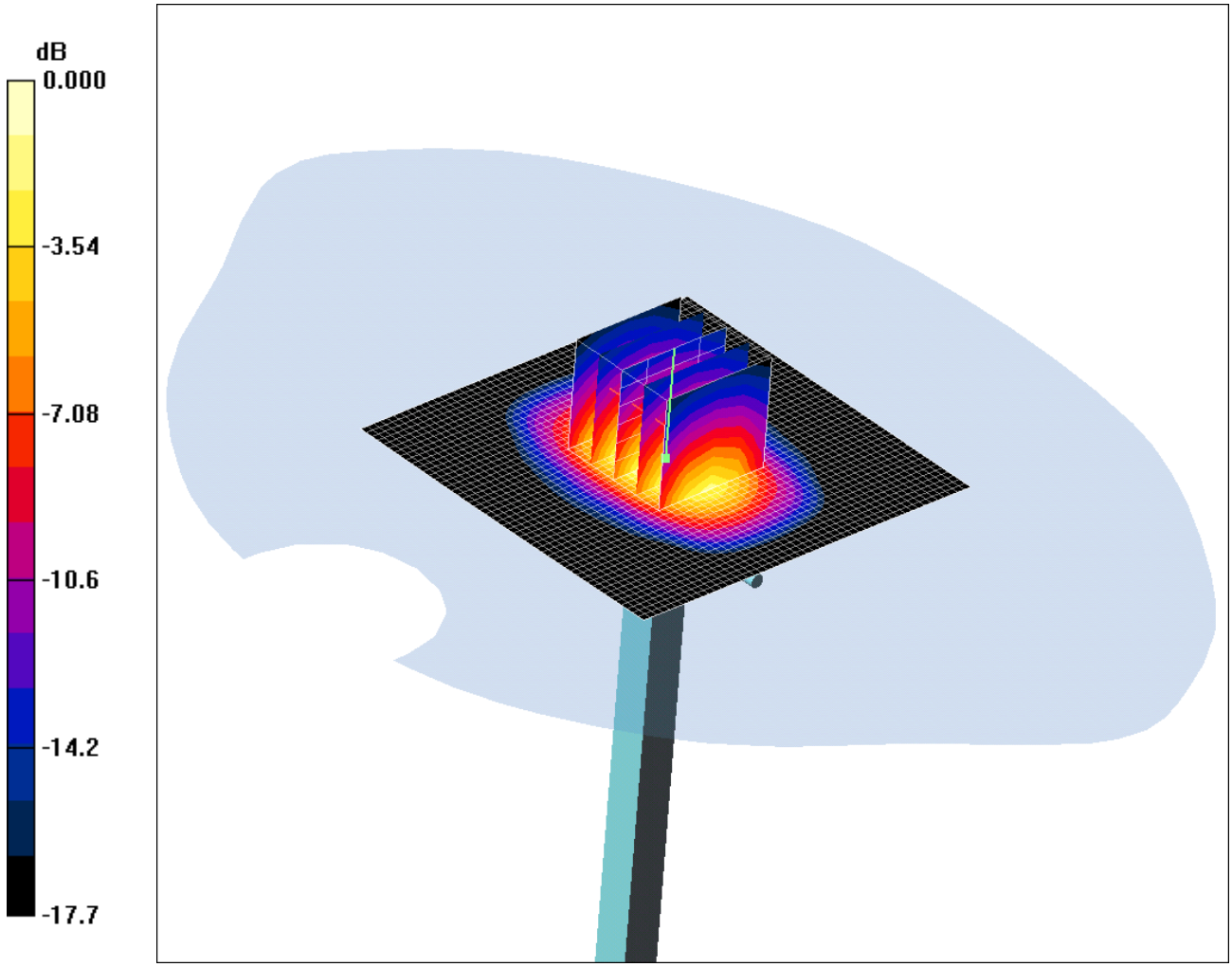
SCN/81533JD05/101: System Performance Check 1900MHz Body 29 04 11
Date 29/04/2011
DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN540



0 dB = 11.2mW/g

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: 1900 MHz MSL Medium parameters used: f = 1900 MHz; σ = 1.51 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(8.56, 8.56, 8.56); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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=10mm, Pin=250mW/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 15.6 mW/g
d=10mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 85.9 V/m; Power Drift = 0.057 dB
Peak SAR (extrapolated) = 18.7 W/kg
SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.18 mW/g
Maximum value of SAR (measured) = 11.2 mW/g

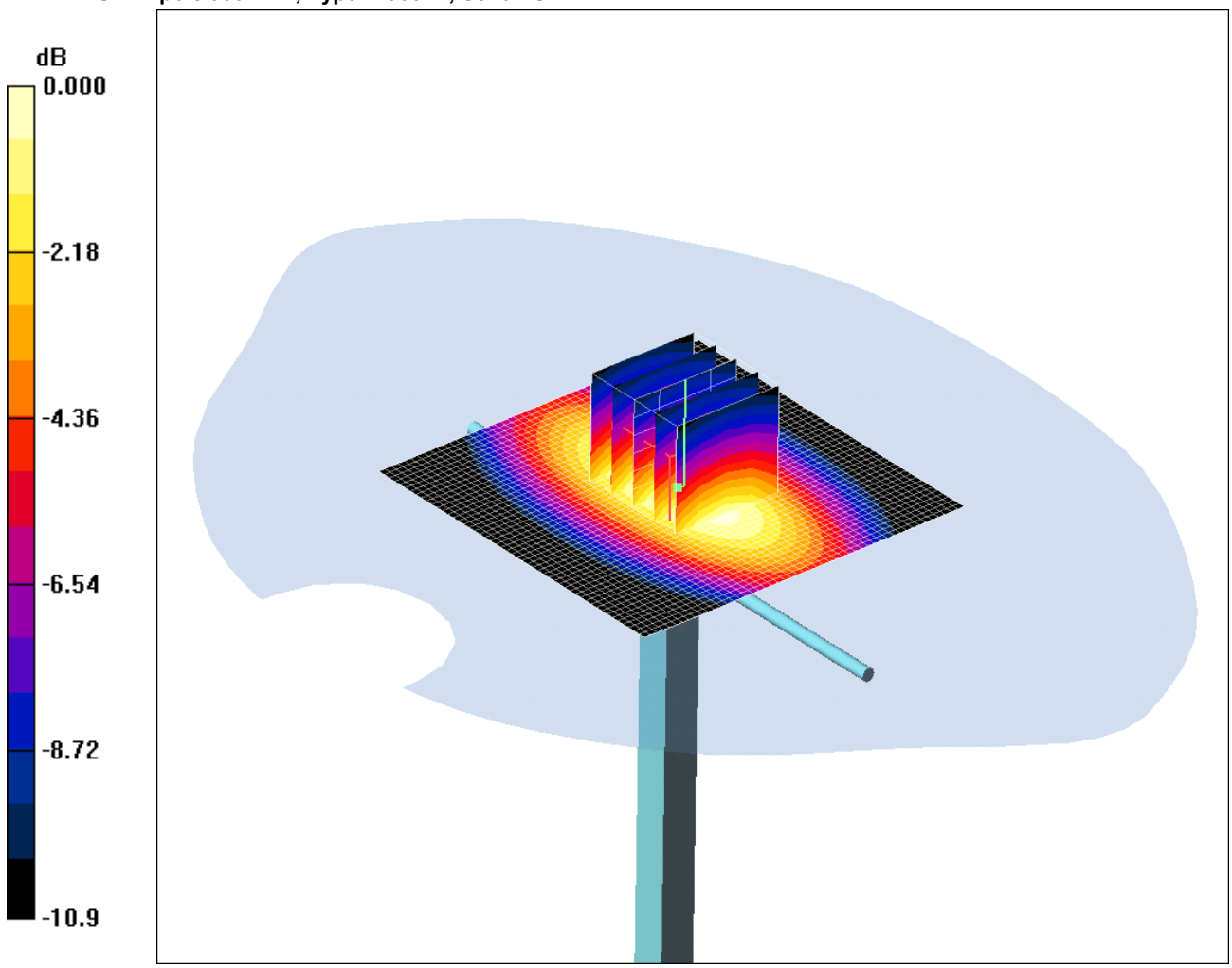
SCN/81533JD05/102: System Performance Check 1900MHz Body 03 05 11
Date 03/05/2011
DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN540



0 dB = 14.0mW/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 = 52.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(8.56, 8.56, 8.56); Calibrated: 15/02/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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=10mm, Pin=250mW/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 17.2 mW/g
d=10mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 95.4 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 18.8 W/kg
SAR(1 g) = 10.4 mW/g; SAR(10 g) = 5.42 mW/g
Maximum value of SAR (measured) = 14.0 mW/g

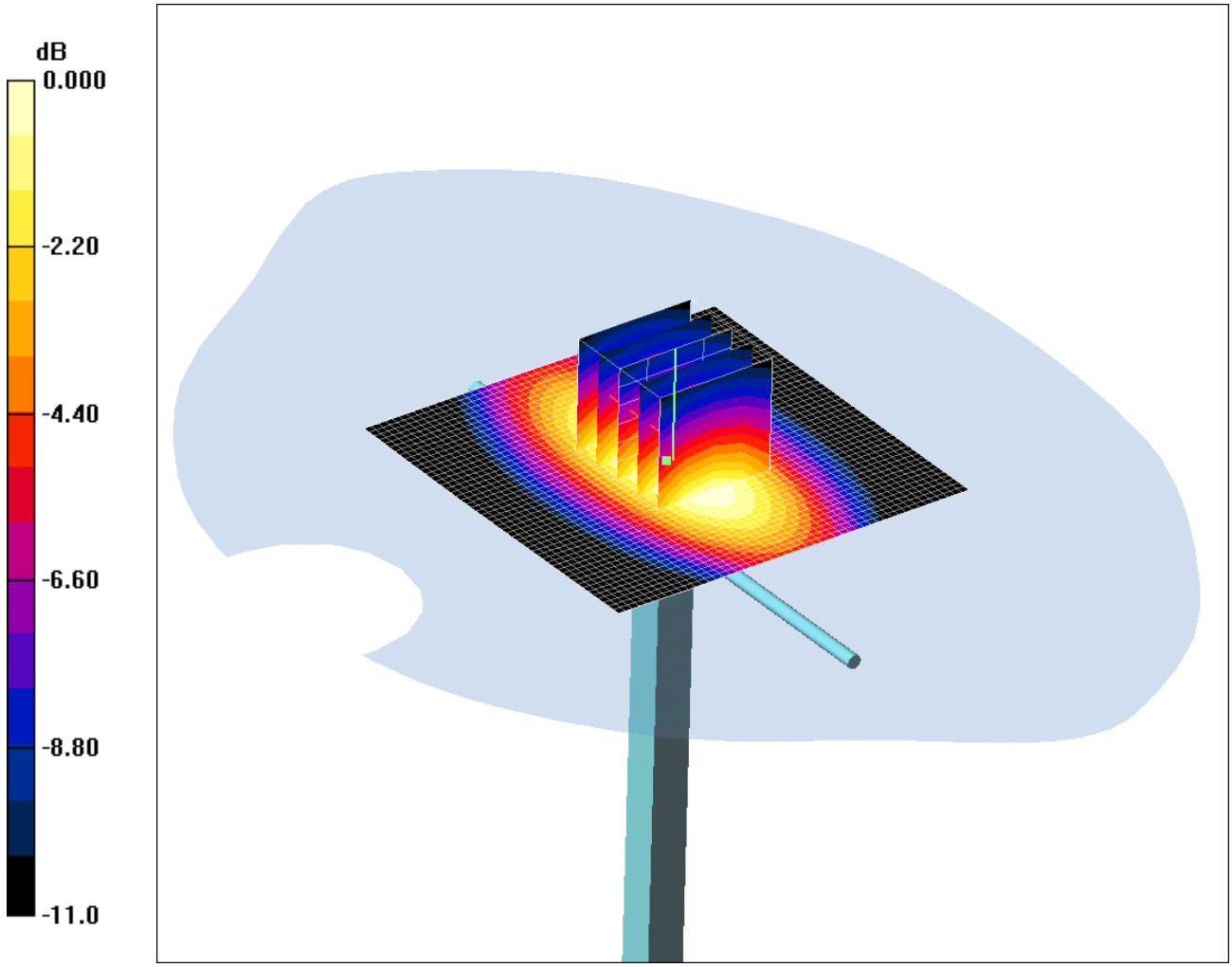
SCN/81533JD05/103: System Performance Check 900MHz Head 04 05 11
Date 04/05/2011
DUT: Dipole 900 MHz; Type: D900V2; Serial: SN124



0 dB = 3.03mW/g

Communication System: CW; Frequency: 900 MHz;Duty Cycle: 1:1
Medium: 900 MHz HSL Medium parameters used: f = 900 MHz; σ = 0.93 mho/m; ε_r = 41.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.23, 10.23, 10.23); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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=15mm, Pin=250mW/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 3.05 mW/g
d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 56.9 V/m; Power Drift = 0.033 dB
Peak SAR (extrapolated) = 4.25 W/kg
SAR(1 g) = 2.82 mW/g; SAR(10 g) = 1.82 mW/g
Maximum value of SAR (measured) = 3.03 mW/g

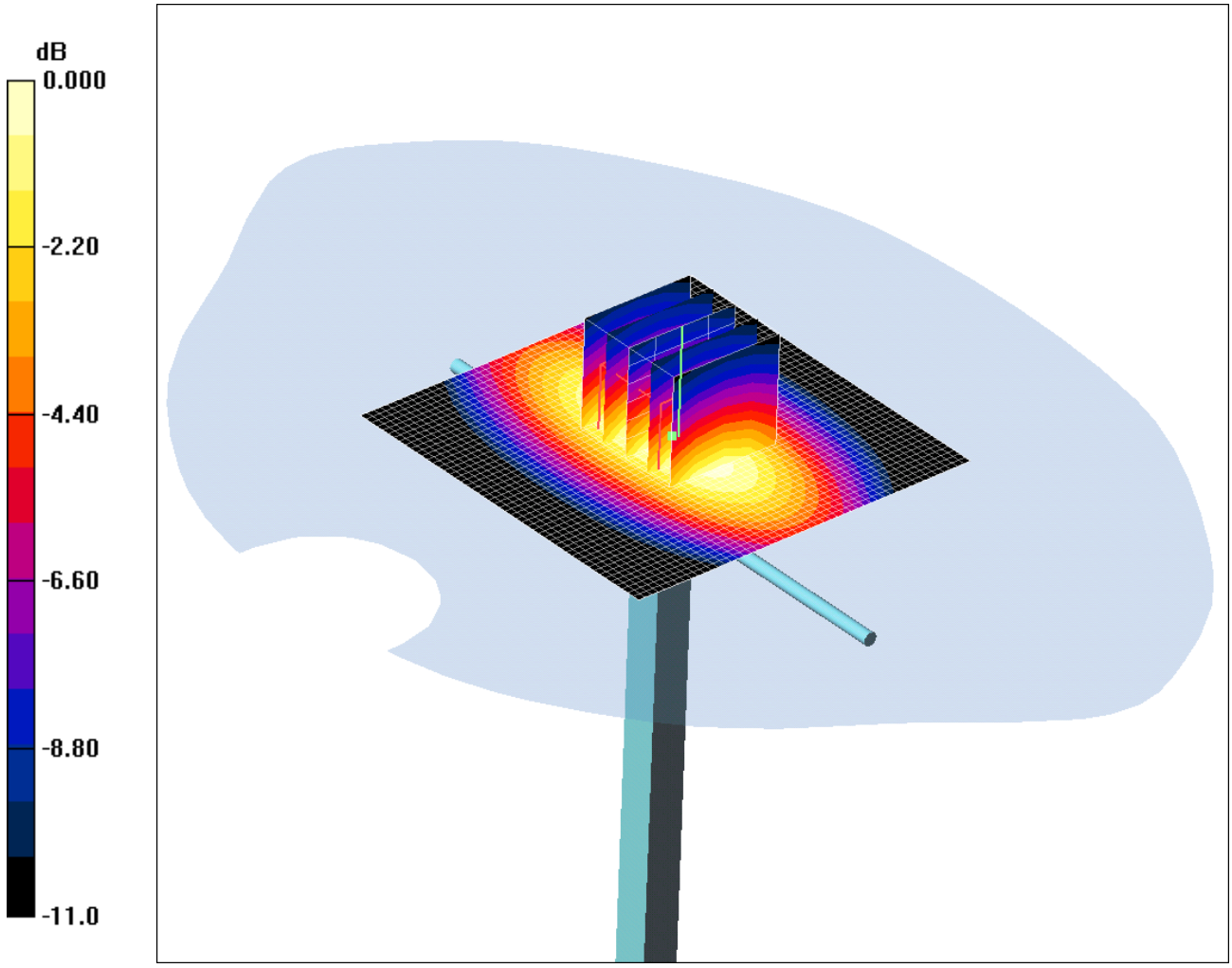
SCN/81533JD05/104: System Performance Check 900MHz Body 05 05 11
Date 05/05/2011
DUT: Dipole 900 MHz; Type: D900V2; Serial: SN185



0 dB = 2.95mW/g

Communication System: CW; Frequency: 900 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used: f = 900 MHz; σ = 1.07 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.27, 10.27, 10.27); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 2/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 3.11 mW/g
d=15mm, Pin=250mW 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 53.0 V/m; Power Drift = -0.043 dB
Peak SAR (extrapolated) = 4.12 W/kg
SAR(1 g) = 2.75 mW/g; SAR(10 g) = 1.78 mW/g
Maximum value of SAR (measured) = 2.95 mW/g

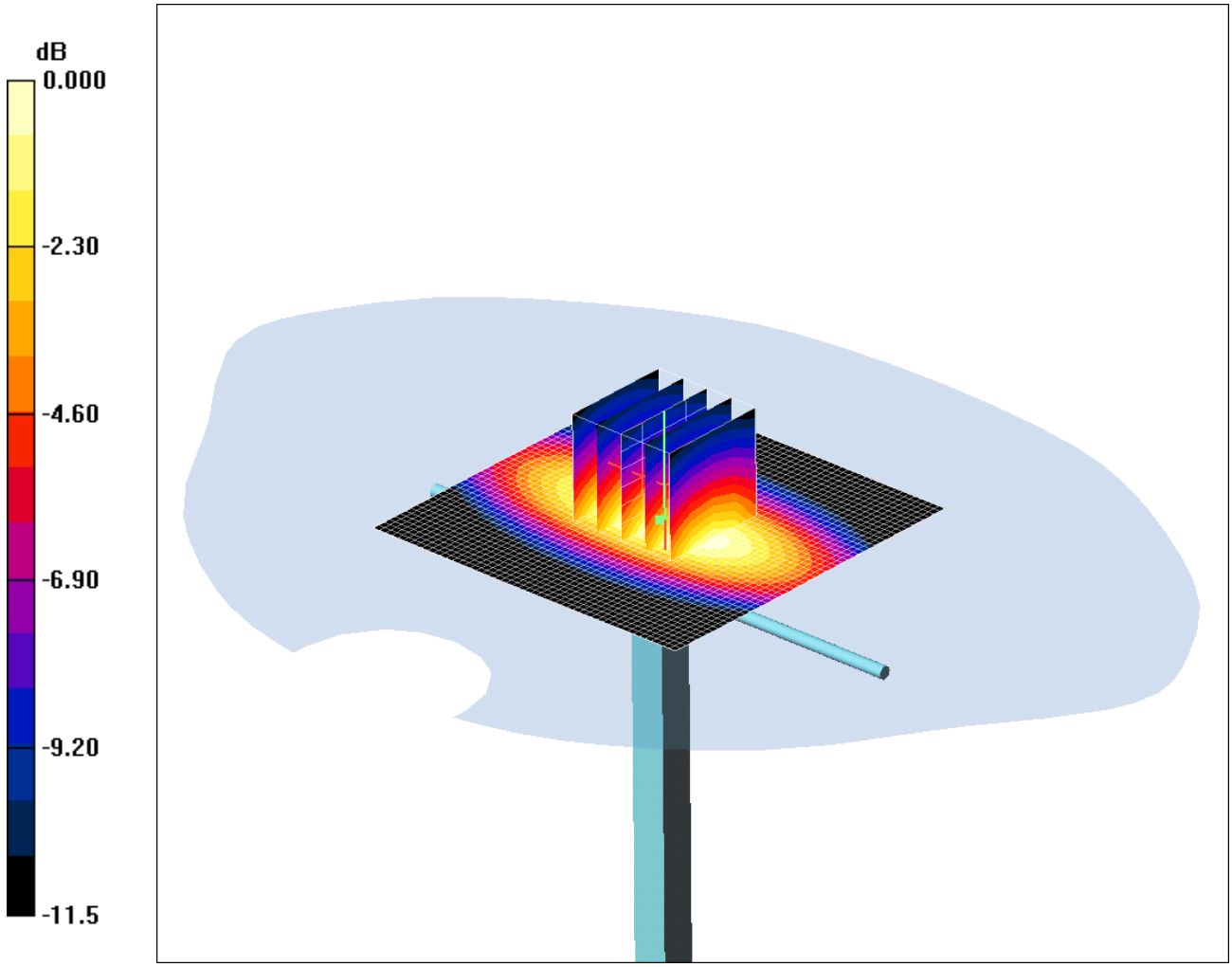
SCN/81533JD05/105: System Performance Check 900MHz Head 06 05 11
Date 06/05/2011
DUT: Dipole 900 MHz; Type: D900V2; Serial: SN124



0 dB = 2.83mW/g

Communication System: CW; Frequency: 900 MHz;Duty Cycle: 1:1
Medium: 900 MHz HSL Medium parameters used: f = 900 MHz; σ = 0.931 mho/m; ε_r = 41.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.23, 10.23, 10.23); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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=15mm, Pin=250mW 2/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 2.88 mW/g
d=15mm, Pin=250mW 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 55.3 V/m; Power Drift = -0.016 dB
Peak SAR (extrapolated) = 4.00 W/kg
SAR(1 g) = 2.65 mW/g; SAR(10 g) = 1.72 mW/g
Maximum value of SAR (measured) = 2.83 mW/g

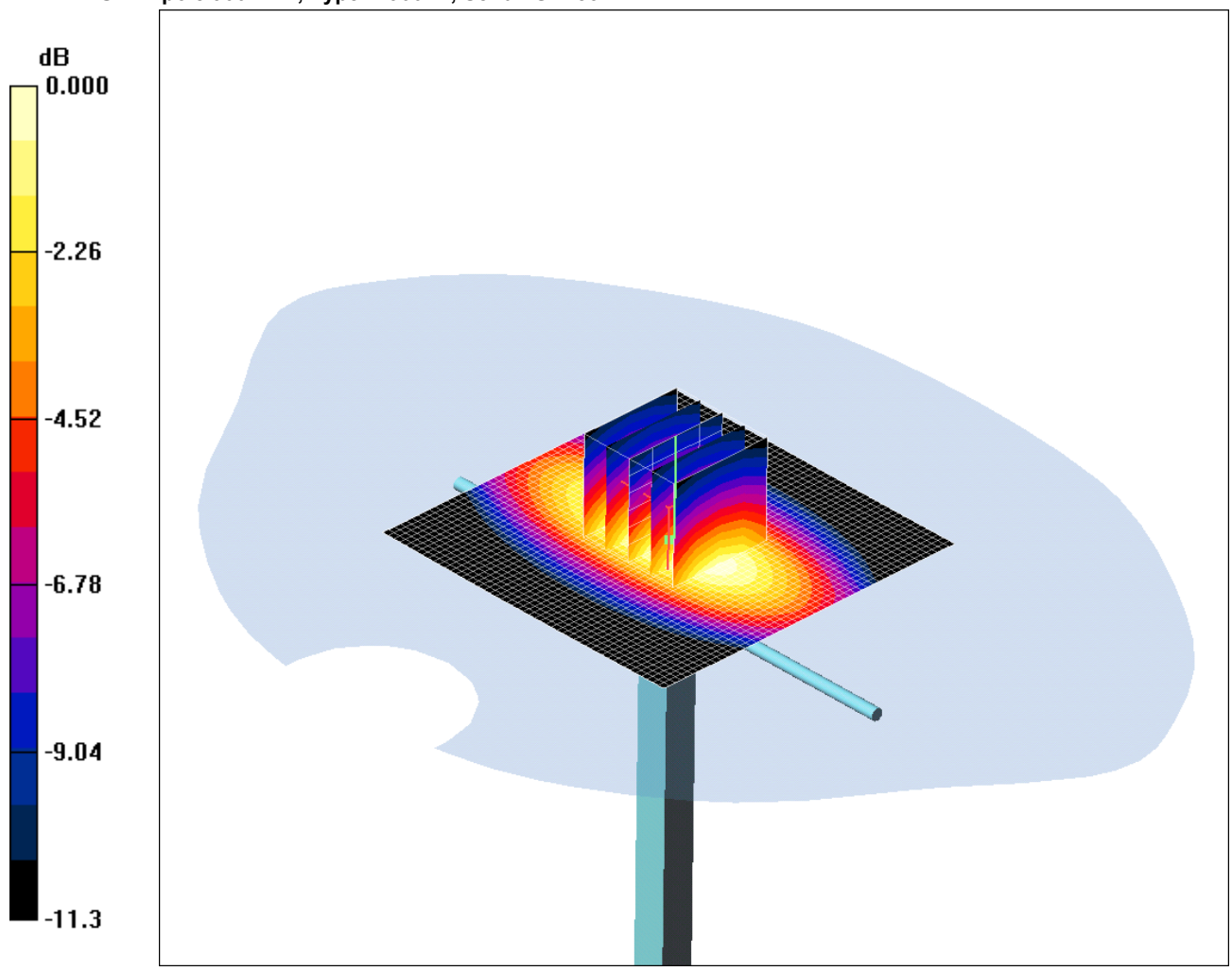
SCN/81533JD05/106: System Performance Check 900MHz Body 07 05 11
Date 07/05/2011
DUT: Dipole 900 MHz; Type: D900V2; Serial: SN185



0 dB = 3.11mW/g

Communication System: CW; Frequency: 900 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used: f = 900 MHz; σ = 1.08 mho/m; ε_r = 54; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.27, 10.27, 10.27); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 2/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 3.22 mW/g
d=15mm, Pin=250mW 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 53.8 V/m; Power Drift = -0.010 dB
Peak SAR (extrapolated) = 4.47 W/kg
SAR(1 g) = 2.85 mW/g; SAR(10 g) = 1.79 mW/g
Maximum value of SAR (measured) = 3.11 mW/g

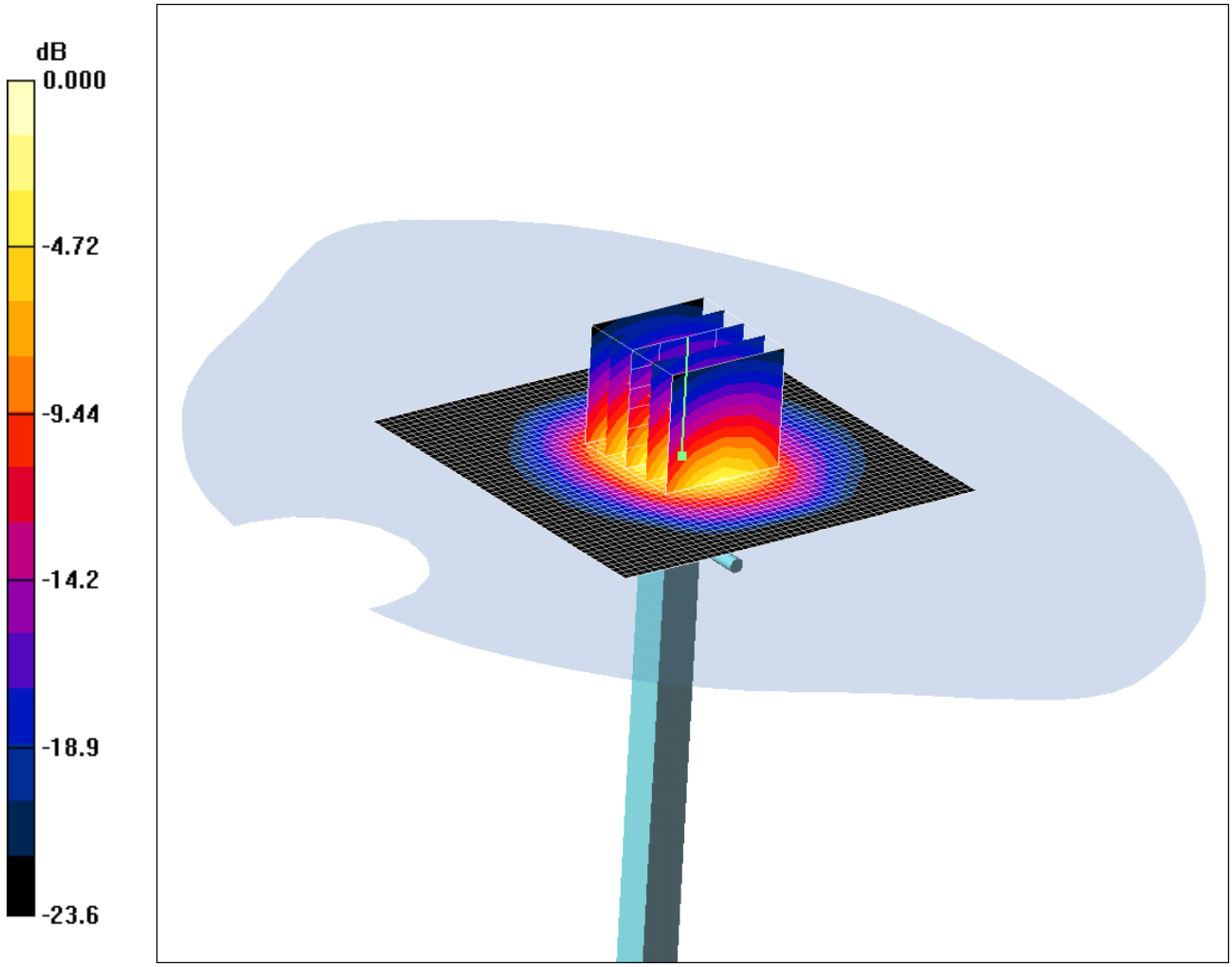
SCN/81533JD05/107: System Performance Check 900MHz Body 08 05 11
Date 08/05/2011
DUT: Dipole 900 MHz; Type: D900V2; Serial: SN185



0 dB = 2.92mW/g

Communication System: CW; Frequency: 900 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used: f = 900 MHz; σ = 1.08 mho/m; ε_r = 54; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.27, 10.27, 10.27); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 2/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 3.09 mW/g
d=15mm, Pin=250mW 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 52.5 V/m; Power Drift = -0.089 dB
Peak SAR (extrapolated) = 4.15 W/kg
SAR(1 g) = 2.7 mW/g; SAR(10 g) = 1.72 mW/g
Maximum value of SAR (measured) = 2.92 mW/g

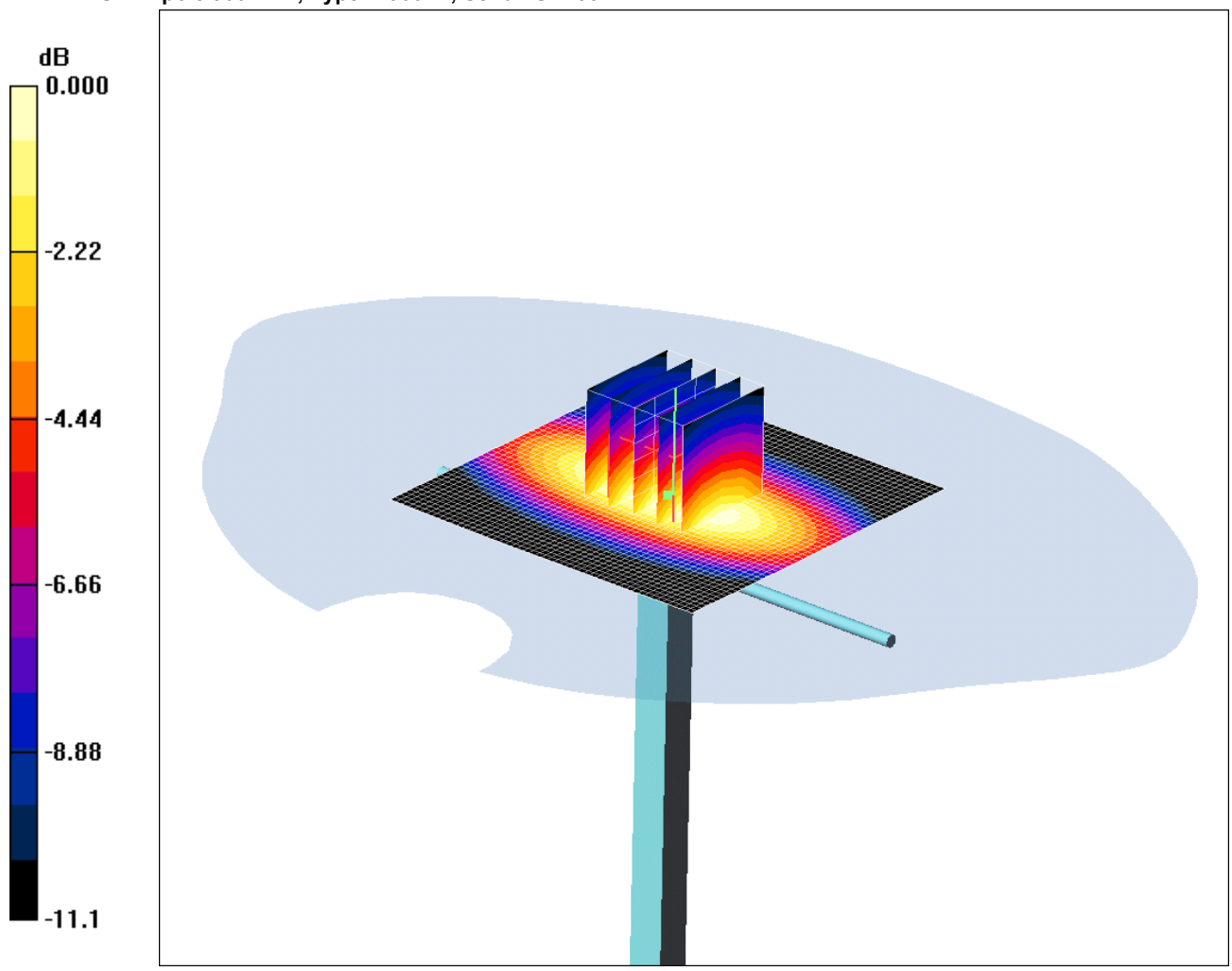
SCN/81533JD05/108: System Performance Check 2450MHz Head 08 05 11
Date 08/05/2011
DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:725



0 dB = 15.6mW/g

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used: f = 2450 MHz; σ = 1.83 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(7.88, 7.88, 7.88); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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) = 21.9 mW/g
d=10mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 88.8 V/m; Power Drift = 0.331 dB
Peak SAR (extrapolated) = 29.8 W/kg
SAR(1 g) = 13.8 mW/g; SAR(10 g) = 6.28 mW/g
Maximum value of SAR (measured) = 15.6 mW/g

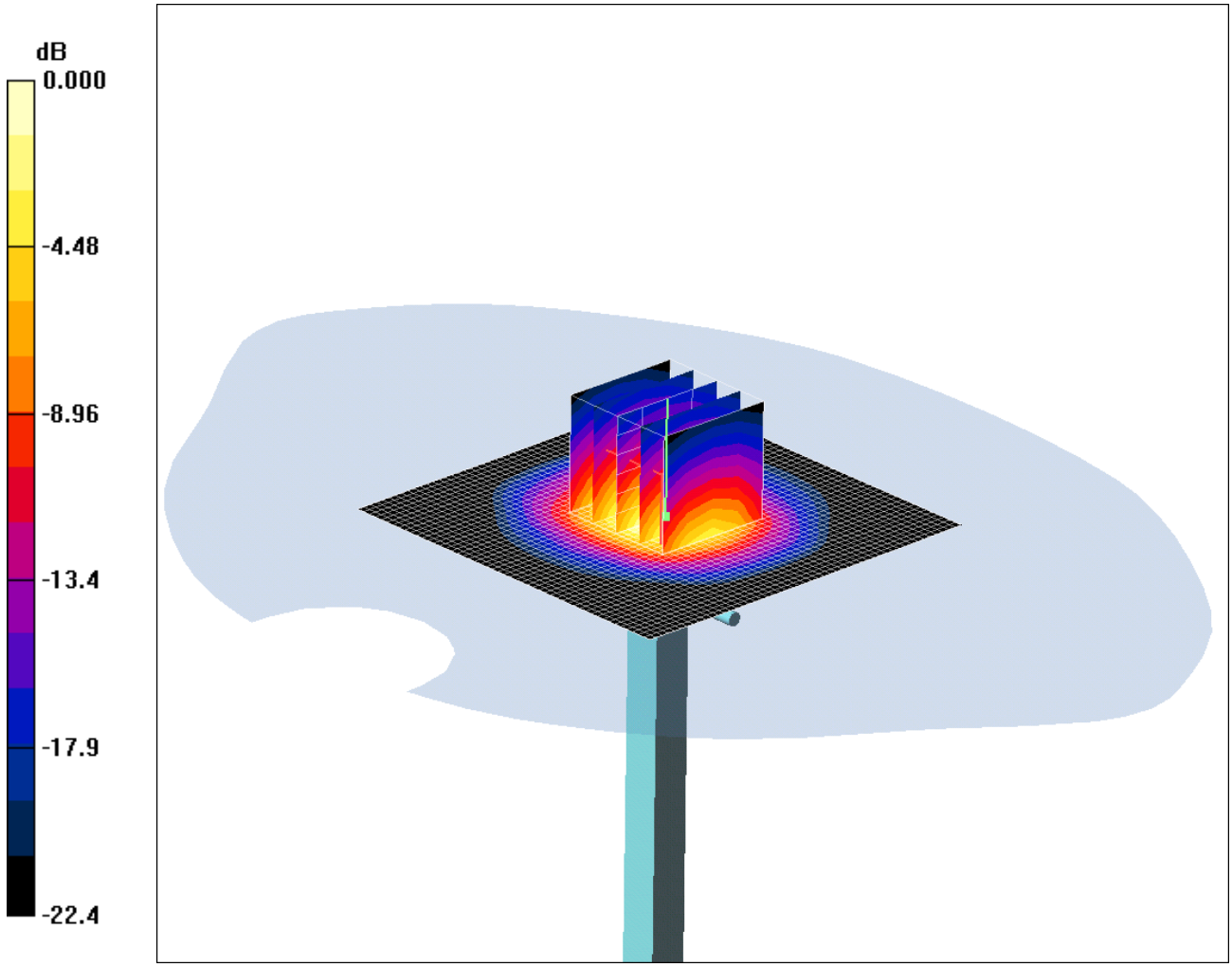
SCN/81533JD05/109: System Performance Check 900MHz Body 09 05 11
Date 09/05/2011
DUT: Dipole 900 MHz; Type: D900V2; Serial: SN185



0 dB = 2.99mW/g

Communication System: CW; Frequency: 900 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used: f = 900 MHz; σ = 1.07 mho/m; ε_r = 53.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(10.27, 10.27, 10.27); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 2/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 3.16 mW/g
d=15mm, Pin=250mW 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 53.5 V/m; Power Drift = -0.104 dB
Peak SAR (extrapolated) = 4.17 W/kg
SAR(1 g) = 2.77 mW/g; SAR(10 g) = 1.79 mW/g
Maximum value of SAR (measured) = 2.99 mW/g

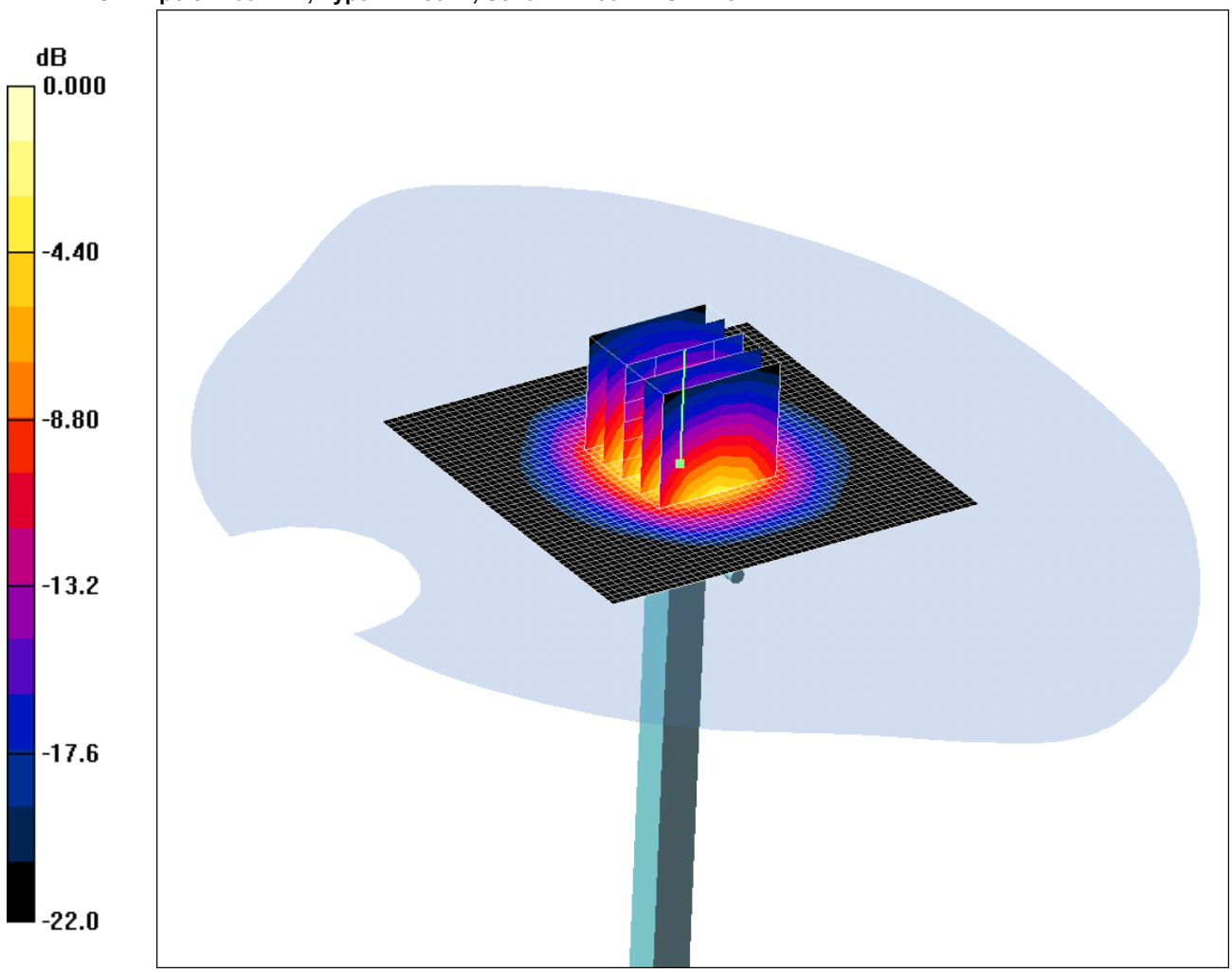
SCN/81533JD05/110: System Performance Check 2450MHz Head 09 05 11
Date 09/05/2011
DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:725



0 dB = 15.3mW/g

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used: f = 2450 MHz; σ = 1.83 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(7.88, 7.88, 7.88); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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 1/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 22.0 mW/g
d=10mm, Pin=250mW 1/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 91.2 V/m; Power Drift = -0.039 dB
Peak SAR (extrapolated) = 28.5 W/kg
SAR(1 g) = 13.5 mW/g; SAR(10 g) = 6.23 mW/g
Maximum value of SAR (measured) = 15.3 mW/g

SCN/81533JD05/111: System Performance Check 2450MHz Body 09 05 11
Date 09/05/2011
DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:725



0 dB = 15.4mW/g

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: 2450 MHz MSL Medium parameters used: f = 2450 MHz; σ = 1.98 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV3 - SN3508; ConvF(7.97, 7.97, 7.97); Calibrated: 15/02/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- 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=10mm, Pin=250mW /Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 21.6 mW/g
d=10mm, Pin=250mW /Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 87.9 V/m; Power Drift = 0.027 dB
Peak SAR (extrapolated) = 27.6 W/kg
SAR(1 g) = 13.5 mW/g; SAR(10 g) = 6.2 mW/g
Maximum value of SAR (measured) = 15.4 mW/g