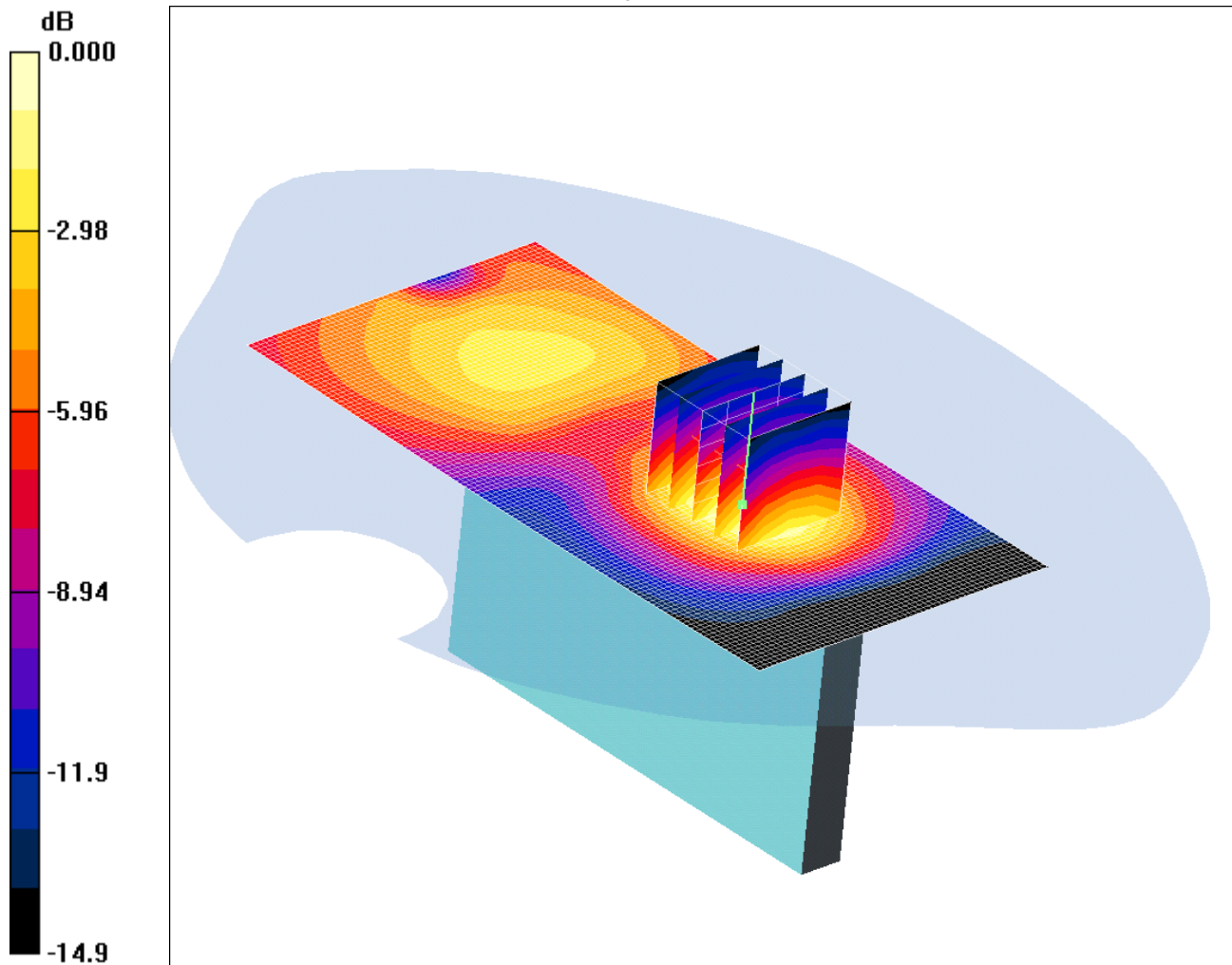


SCN/83554JD09/034: Left Hand Side of EUT facing Phantom Antenna Retracted Hotspot Mode GPRS CH660

Date 08/09/2011

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: Softbank 101P; Serial: 004401221134063



0 dB = 0.071mW/g

Communication System: GPRS 1900 (Class 12); Frequency: 1879.8 MHz; Duty Cycle: 1:2

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1879.8 \text{ MHz}$ ;  $\sigma = 1.55 \text{ mho/m}$ ;  $\epsilon_r = 51.6$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.55, 4.55, 4.55); Calibrated: 12/05/2011

- 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

**Left Hand Side of EUT Facing Phantom Antenna Retracted - Middle/Area Scan (61x121x1):** Measurement

grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.071 mW/g

**Left Hand Side of EUT Facing Phantom Antenna Retracted - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:**

Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 4.09 V/m; Power Drift = -0.106 dB

Peak SAR (extrapolated) = 0.103 W/kg

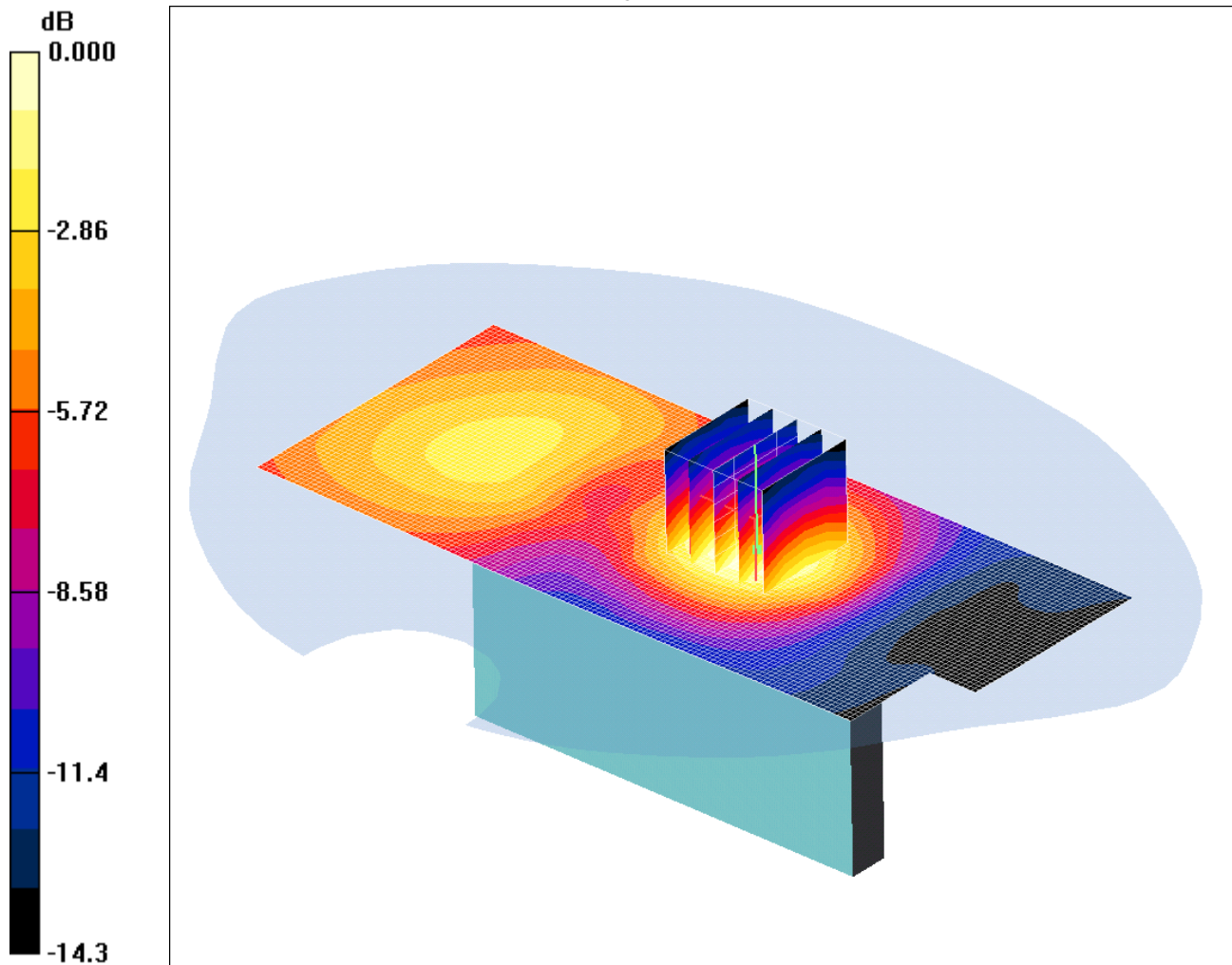
**SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.038 mW/g**

Maximum value of SAR (measured) = 0.071 mW/g

SCN/83554JD09/035: Left Hand Side of EUT facing Phantom Antenna Extended Hotspot Mode GPRS CH660

Date 08/09/2011

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: Softbank 101P; Serial: 004401221134063



0 dB = 0.052mW/g

Communication System: GPRS 1900 (Class 12); Frequency: 1879.8 MHz; Duty Cycle: 1:2

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1879.8$  MHz;  $\sigma = 1.55$  mho/m;  $\epsilon_r = 51.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.55, 4.55, 4.55); Calibrated: 12/05/2011

- 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

**Left Hand Side of EUT Facing Phantom Antenna Extended - Middle/Area Scan (61x141x1):** Measurement

grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (interpolated) = 0.052 mW/g

**Left Hand Side of EUT Facing Phantom Antenna Extended - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:**

Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 3.62 V/m; Power Drift = -0.151 dB

Peak SAR (extrapolated) = 0.075 W/kg

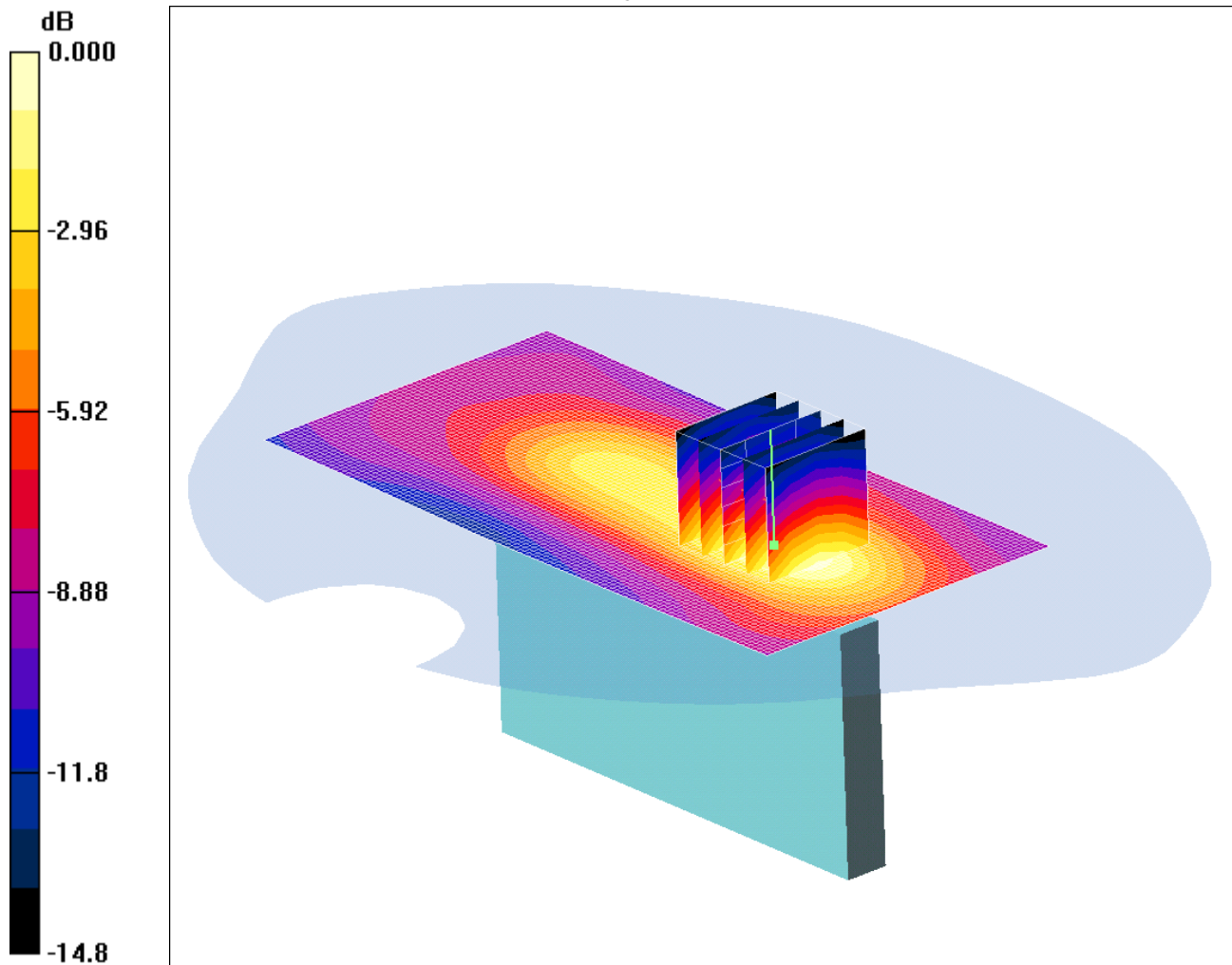
**SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.029 mW/g**

Maximum value of SAR (measured) = 0.052 mW/g

SCN/83554JD09/036: Right Hand Side of EUT facing Phantom Antenna Retracted Hotspot Mode GPRS CH660

Date 08/09/2011

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: Softbank 101P; Serial: 004401221134063



0 dB = 0.060mW/g

Communication System: GPRS 1900 (Class 12); Frequency: 1879.8 MHz; Duty Cycle: 1:2

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1879.8$  MHz;  $\sigma = 1.55$  mho/m;  $\epsilon_r = 51.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.55, 4.55, 4.55); Calibrated: 12/05/2011

- 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

**Right Hand Side of EUT Facing Phantom Antenna Retracted - Middle/Area Scan (61x121x1):** Measurement

grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (interpolated) = 0.060 mW/g

**Right Hand Side of EUT Facing Phantom Antenna Retracted - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:**

Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 5.06 V/m; Power Drift = 0.083 dB

Peak SAR (extrapolated) = 0.090 W/kg

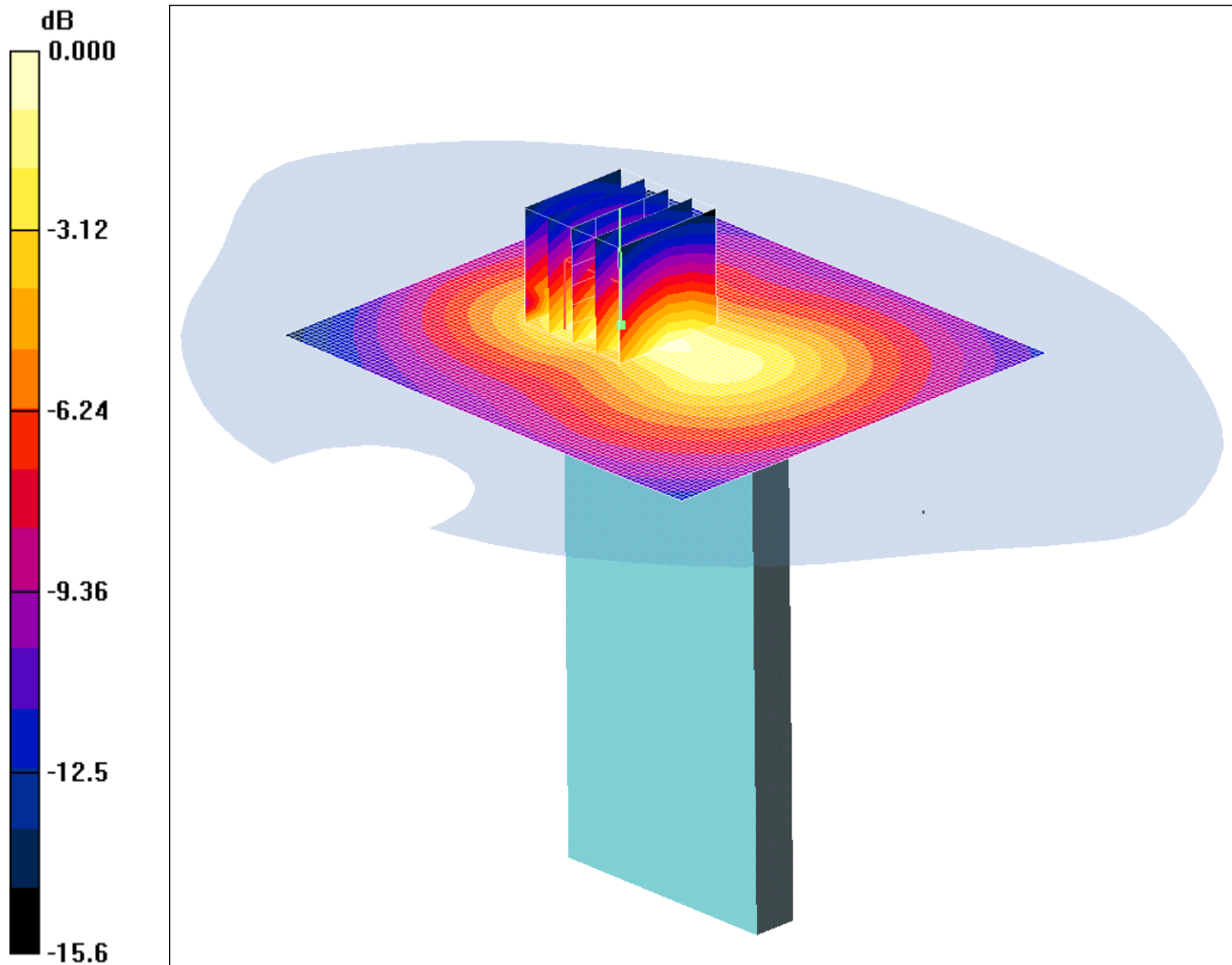
**SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.033 mW/g**

Maximum value of SAR (measured) = 0.060 mW/g

SCN/83554JD09/037: Base of EUT facing Phantom Antenna Retracted Hotspot Mode GPRS CH660

Date 08/09/2011

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: Softbank 101P; Serial: 004401221134063



0 dB = 0.115mW/g

Communication System: GPRS 1900 (Class 12); Frequency: 1879.8 MHz; Duty Cycle: 1:2

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1879.8$  MHz;  $\sigma = 1.55$  mho/m;  $\epsilon_r = 51.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.55, 4.55, 4.55); Calibrated: 12/05/2011

- 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

**Base of EUT Facing Phantom Antenna Retracted - Middle/Area Scan (81x91x1):** Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.108 mW/g

**Base of EUT Facing Phantom Antenna Retracted - Middle/Zoom Scan (5x5x7)(5x5x7)/Cube 0:**

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.21 V/m; Power Drift = 0.009 dB

Peak SAR (extrapolated) = 0.173 W/kg

**SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.059 mW/g**

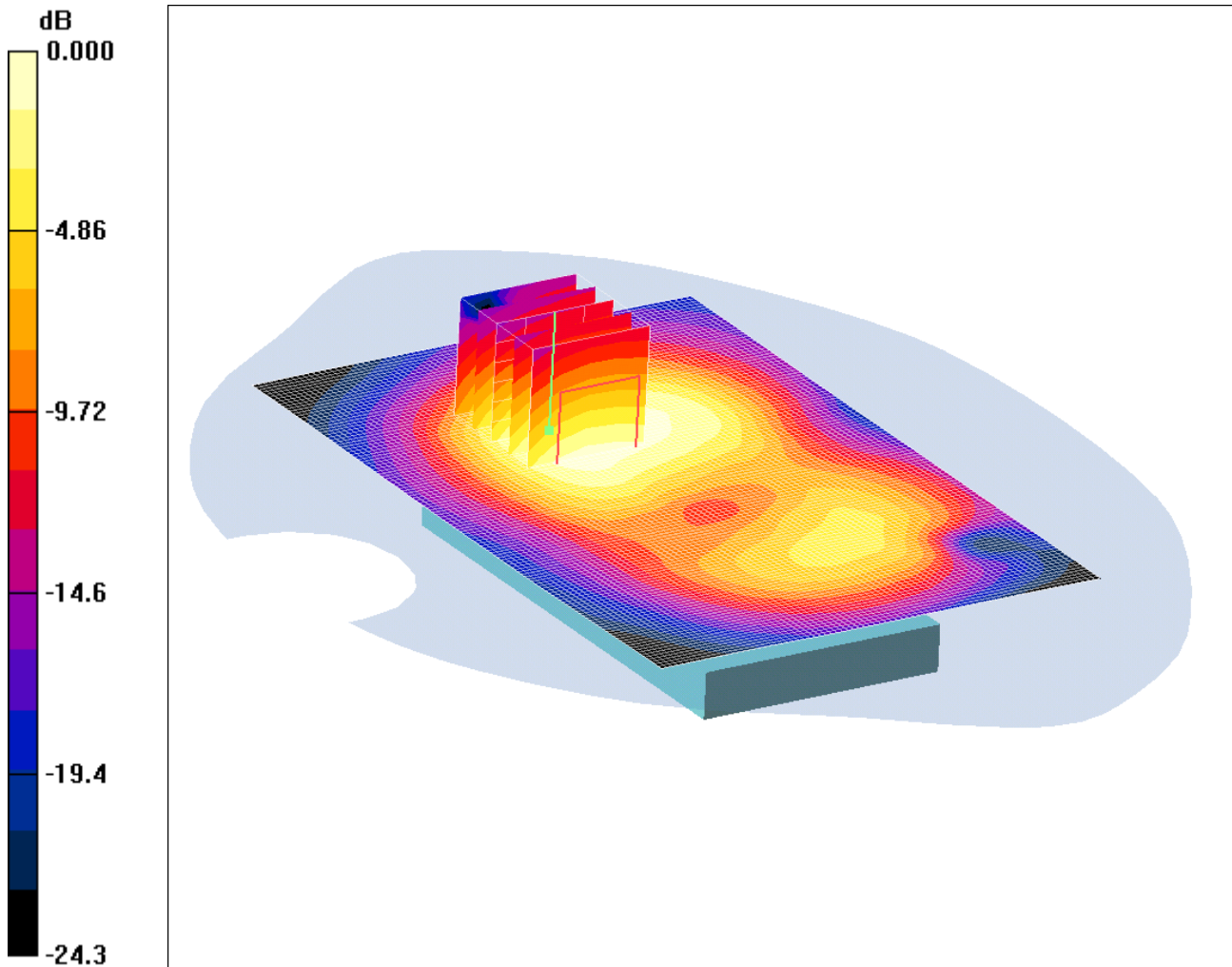
Maximum value of SAR (measured) = 0.115 mW/g



SCN/83554JD09/038: Front of EUT facing Phantom Antenna Retracted Hotspot Mode EGPRS CH660

Date 08/09/2011

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: Softbank 101P; Serial: 004401221134063



0 dB = 0.304mW/g

Communication System: EGPRS 1900 Class 12; Frequency: 1879.8 MHz; Duty Cycle: 1:2

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1879.8$  MHz;  $\sigma = 1.55$  mho/m;  $\epsilon_r = 51.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.55, 4.55, 4.55); Calibrated: 12/05/2011

- 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

**Front of EUT Facing Phantom Antenna Retracted - Middle/Area Scan (81x121x1):** Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.326 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 = 7.11 V/m; Power Drift = 0.284 dB

Peak SAR (extrapolated) = 0.462 W/kg

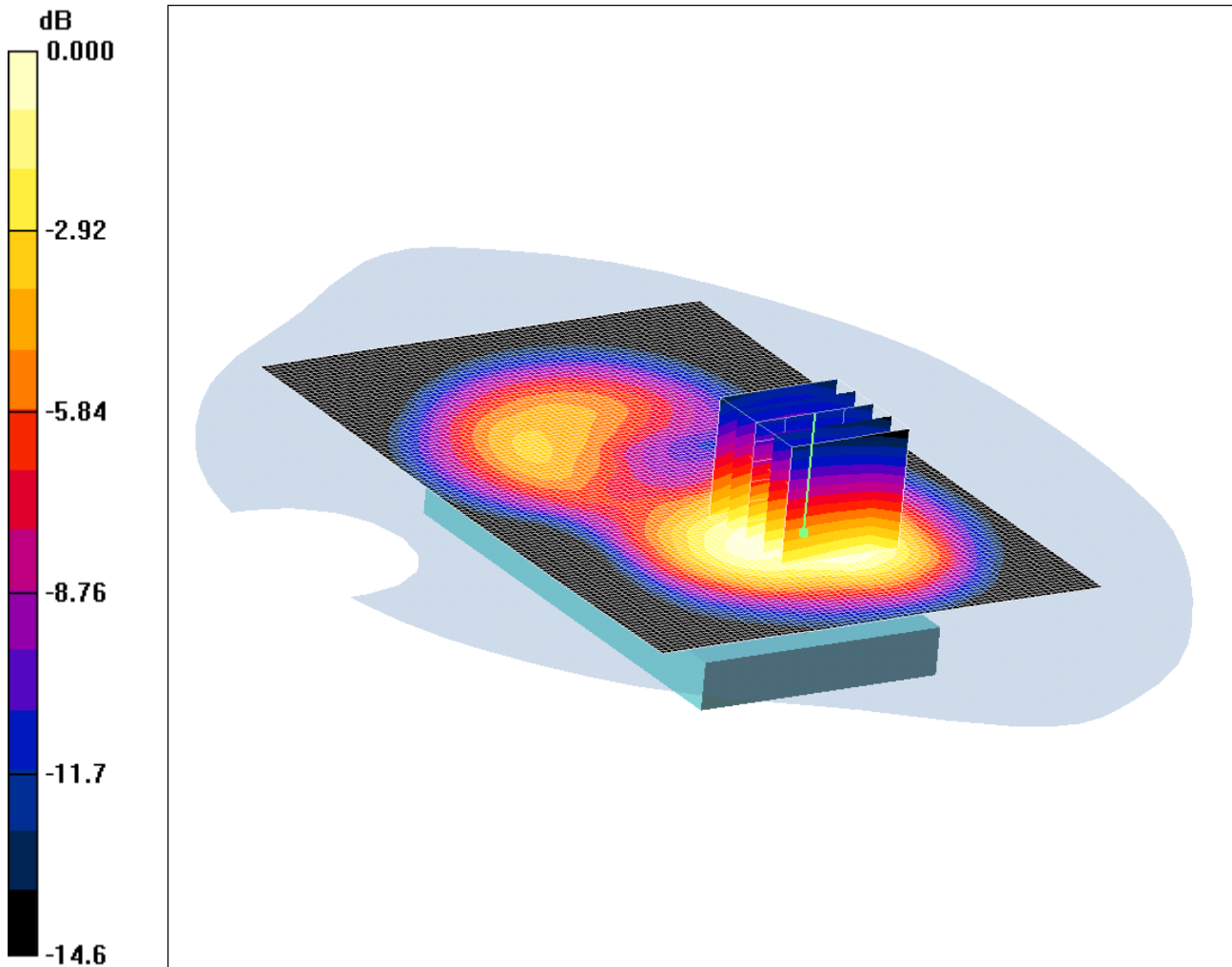
**SAR(1 g) = 0.281 mW/g; SAR(10 g) = 0.171 mW/g**

Maximum value of SAR (measured) = 0.304 mW/g

SCN/83554JD09/039: Front of EUT facing Phantom Antenna Retracted Hotspot Mode PCS CH660

Date 08/09/2011

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: Softbank 101P; Serial: 004401221134063



0 dB = 0.274mW/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;  $\sigma = 1.55$  mho/m;  $\epsilon_r = 51.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.55, 4.55, 4.55); Calibrated: 12/05/2011

- 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

**Front of EUT Facing Phantom Antenna Retracted - Middle/Area Scan (81x121x1):** Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.276 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 = 5.38 V/m; Power Drift = 0.122 dB

Peak SAR (extrapolated) = 0.394 W/kg

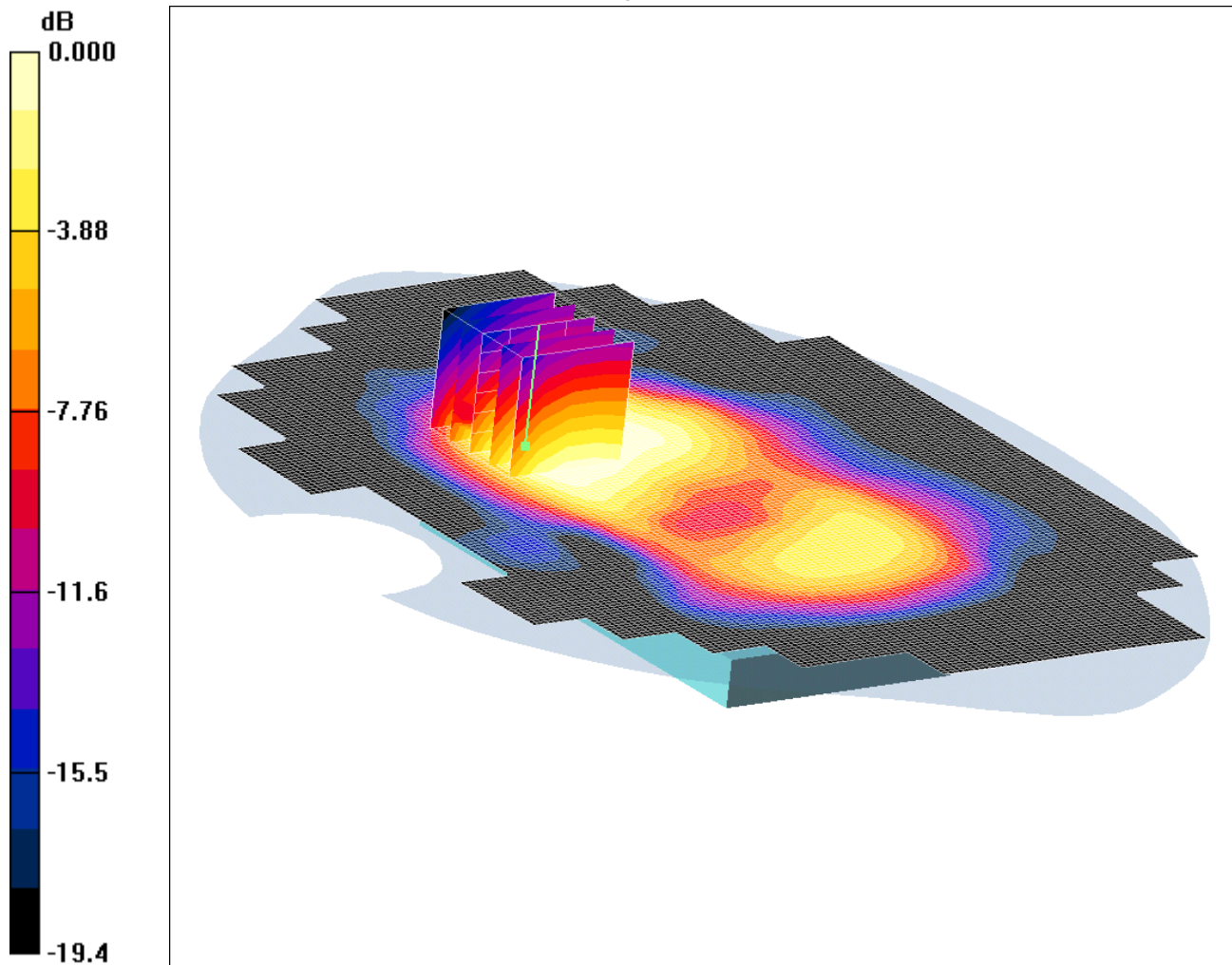
**SAR(1 g) = 0.254 mW/g; SAR(10 g) = 0.159 mW/g**

Maximum value of SAR (measured) = 0.274 mW/g

SCN/83554JD09/040: Front of EUT facing Phantom Antenna Retracted with PHF Hotspot Mode GPRS CH660

Date 08/09/2011

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: Softbank 101P; Serial: 004401221134063



0 dB = 0.276mW/g

Communication System: GPRS 1900 (Class 12); Frequency: 1879.8 MHz; Duty Cycle: 1:2

Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1879.8$  MHz;  $\sigma = 1.55$  mho/m;  $\epsilon_r = 51.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.55, 4.55, 4.55); Calibrated: 12/05/2011

- 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

**Front of EUT Facing Phantom Antenna Retracted - Middle/Area Scan (121x171x1):** Measurement grid:

$dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (interpolated) = 0.305 mW/g

**Front of EUT Facing Phantom Antenna Retracted - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:**

Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 7.26 V/m; Power Drift = -0.347 dB

Peak SAR (extrapolated) = 1.07 W/kg

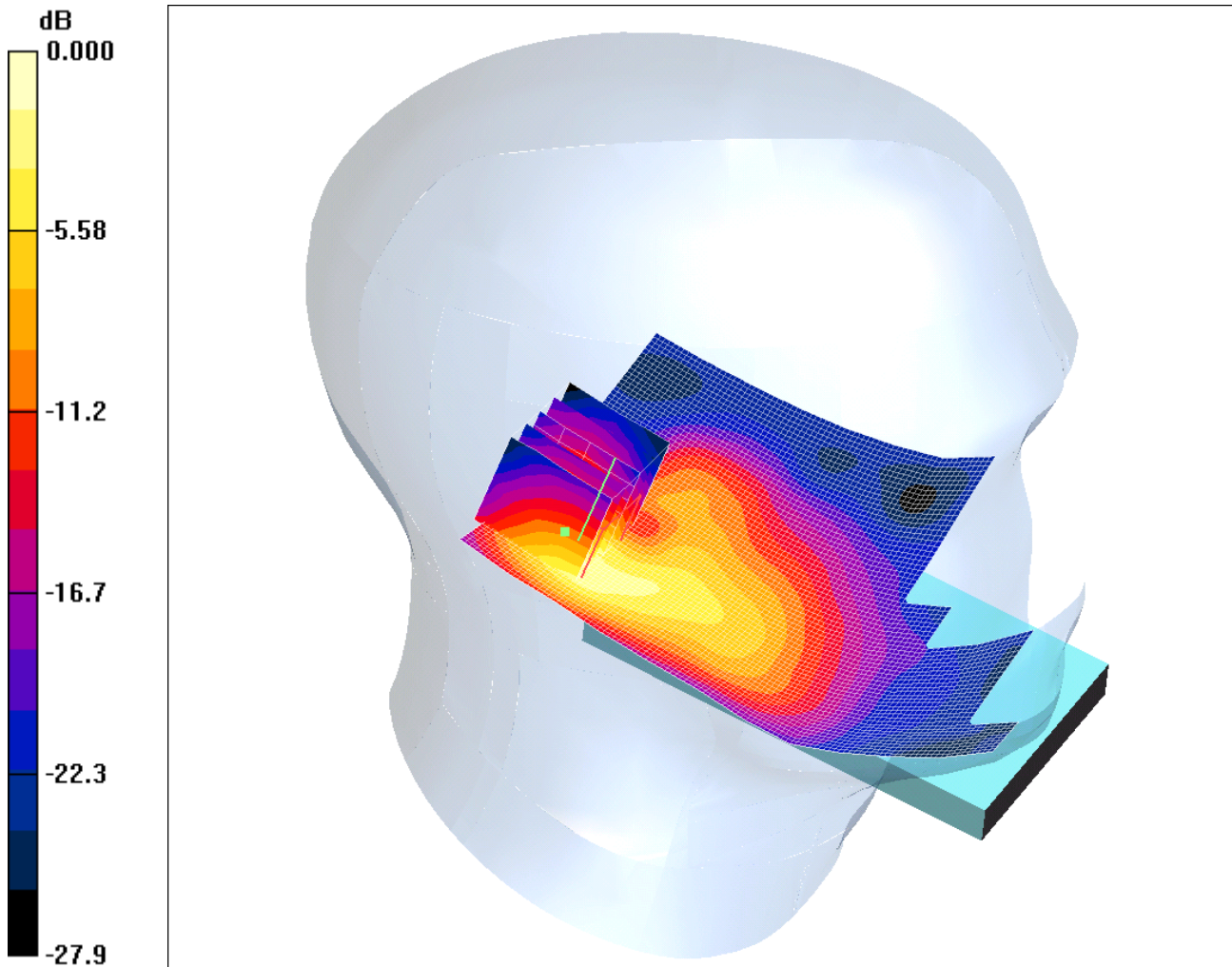
**SAR(1 g) = 0.281 mW/g; SAR(10 g) = 0.169 mW/g**

Maximum value of SAR (measured) = 0.276 mW/g

SCN/83554JD09/041: Touch Left Antenna Retracted WLAN 802.11b 1Mbps CH6

Date 13/09/2011

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: Softbank 101P; Serial: 004401221134089



0 dB = 0.135mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.83$  mho/m;  $\epsilon_r = 37.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.55, 4.55, 4.55); Calibrated: 12/05/2011

- 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

**Touch Left Antenna Retracted - Middle/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.131 mW/g

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

Reference Value = 3.49 V/m; Power Drift = -0.110 dB

Peak SAR (extrapolated) = 0.267 W/kg

**SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.054 mW/g**

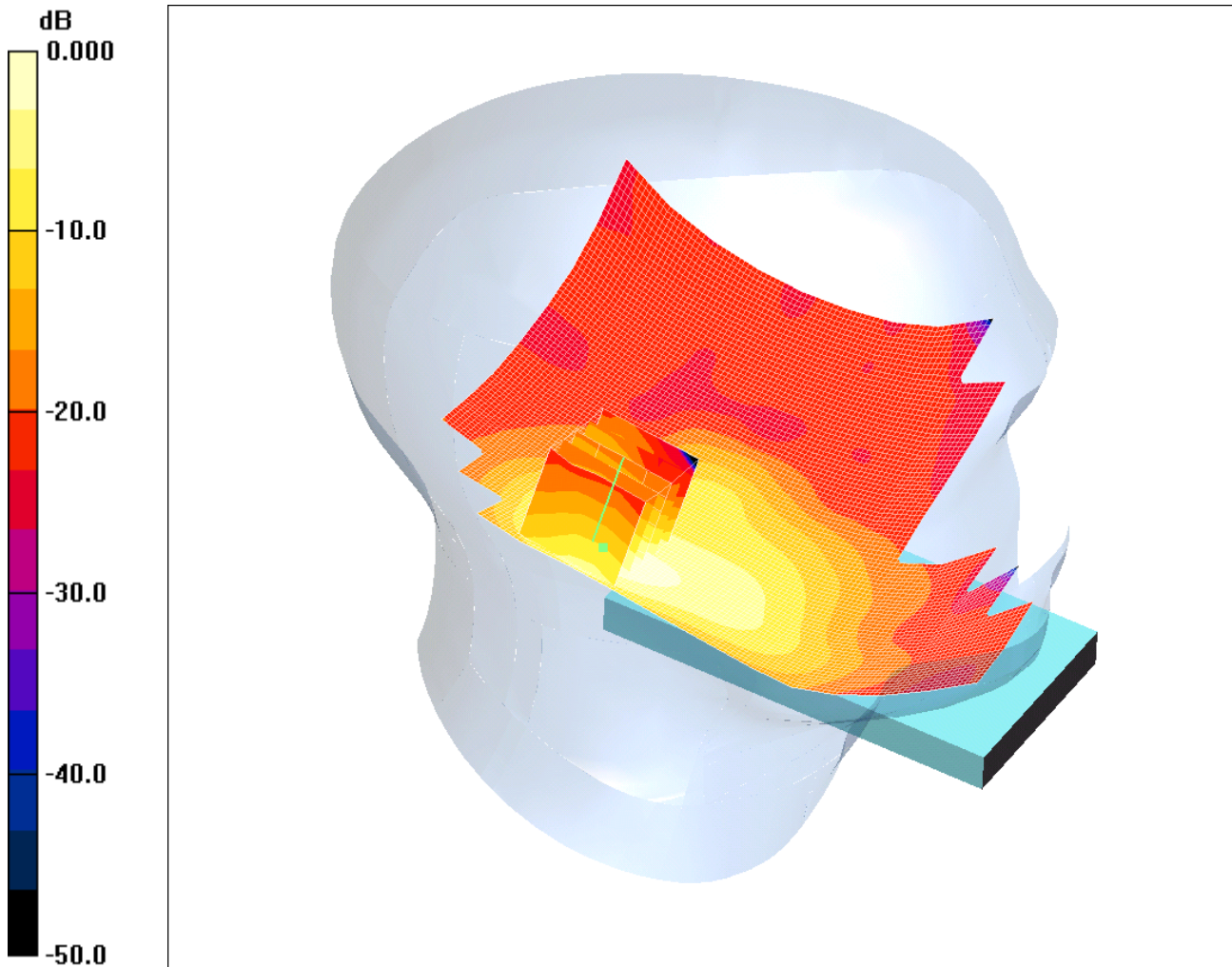
Maximum value of SAR (measured) = 0.135 mW/g



SCN/83554JD09/042: Touch Left Antenna Extended WLAN 802.11b 1Mbps CH6

Date 14/09/2011

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: Softbank 101P; Serial: 004401221134089



0 dB = 0.110mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.83$  mho/m;  $\epsilon_r = 37.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.55, 4.55, 4.55); Calibrated: 12/05/2011

- 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

**Touch Left Antenna Extended - Middle/Area Scan (91x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.108 mW/g

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

Reference Value = 3.26 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 0.242 W/kg

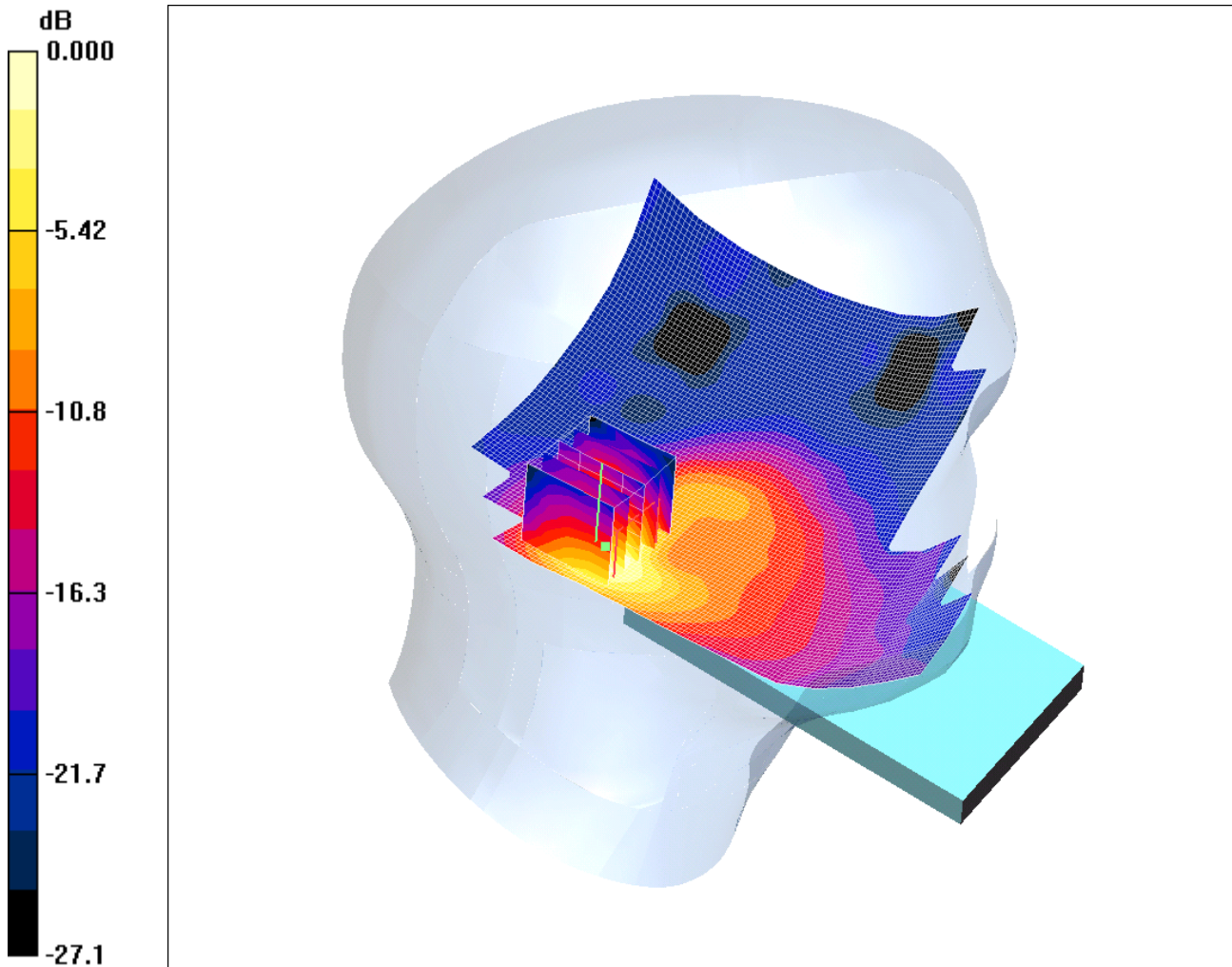
**SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.049 mW/g**

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

SCN/83554JD09/043: Tilt Left Antenna Retracted WLAN 802.11b 1Mbps CH6

Date 14/09/2011

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: Softbank 101P; Serial: 004401221134089



0 dB = 0.110mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.83$  mho/m;  $\epsilon_r = 37.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.55, 4.55, 4.55); Calibrated: 12/05/2011

- 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

**Tilt Left Antenna Retracted - Middle/Area Scan (91x141x1):** Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 3.59 V/m; Power Drift = -0.176 dB

Peak SAR (extrapolated) = 0.246 W/kg

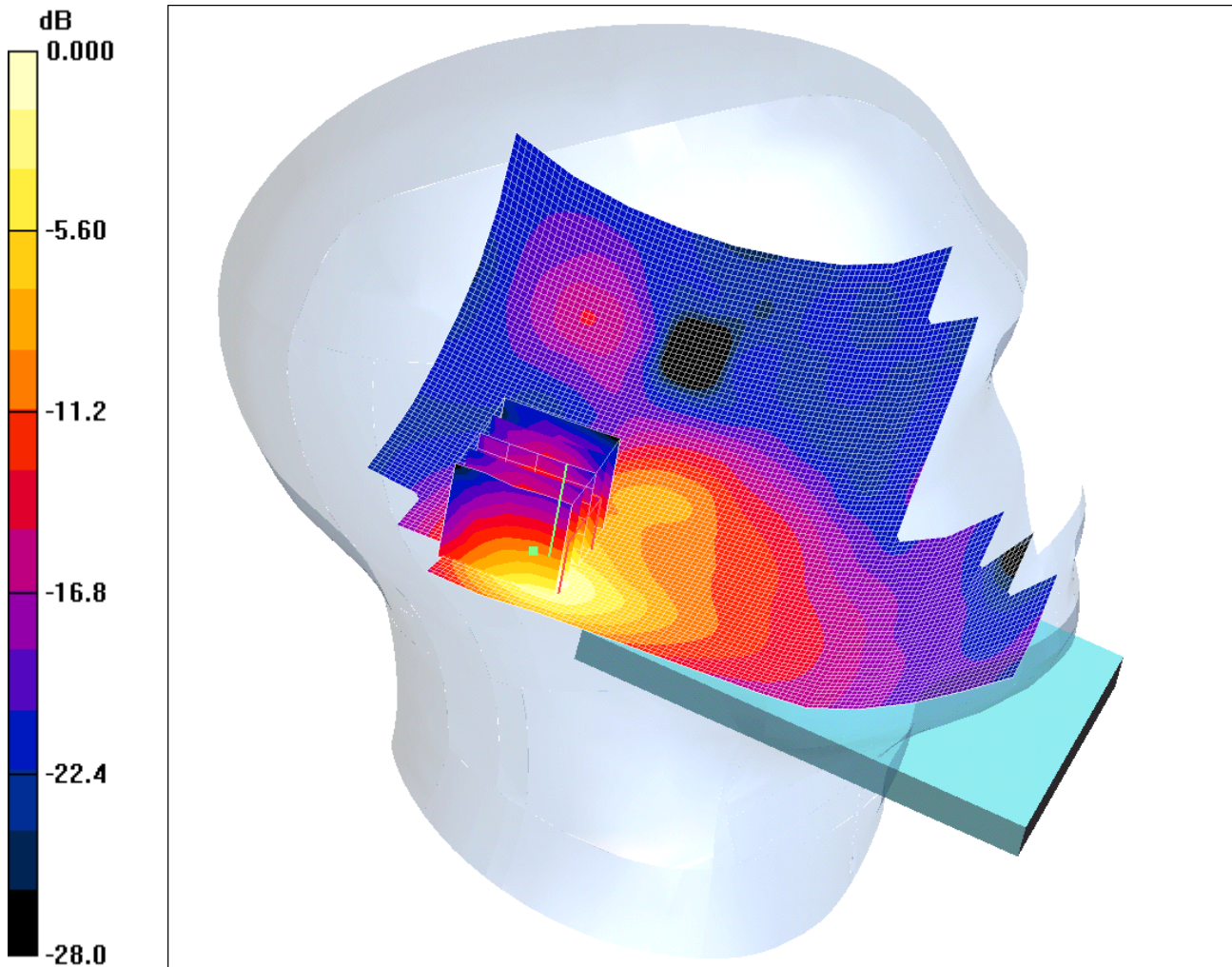
**SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.047 mW/g**

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

SCN/83554JD09/044: Tilt Left Antenna Extended WLAN 802.11b 1Mbps CH6

Date 14/09/2011

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: Softbank 101P; Serial: 004401221134089



0 dB = 0.119mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.83$  mho/m;  $\epsilon_r = 37.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.55, 4.55, 4.55); Calibrated: 12/05/2011

- 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

**Tilt Left Antenna Extended - Middle/Area Scan (91x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.098 mW/g

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

Reference Value = 3.06 V/m; Power Drift = -0.398 dB

Peak SAR (extrapolated) = 0.232 W/kg

**SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.047 mW/g**

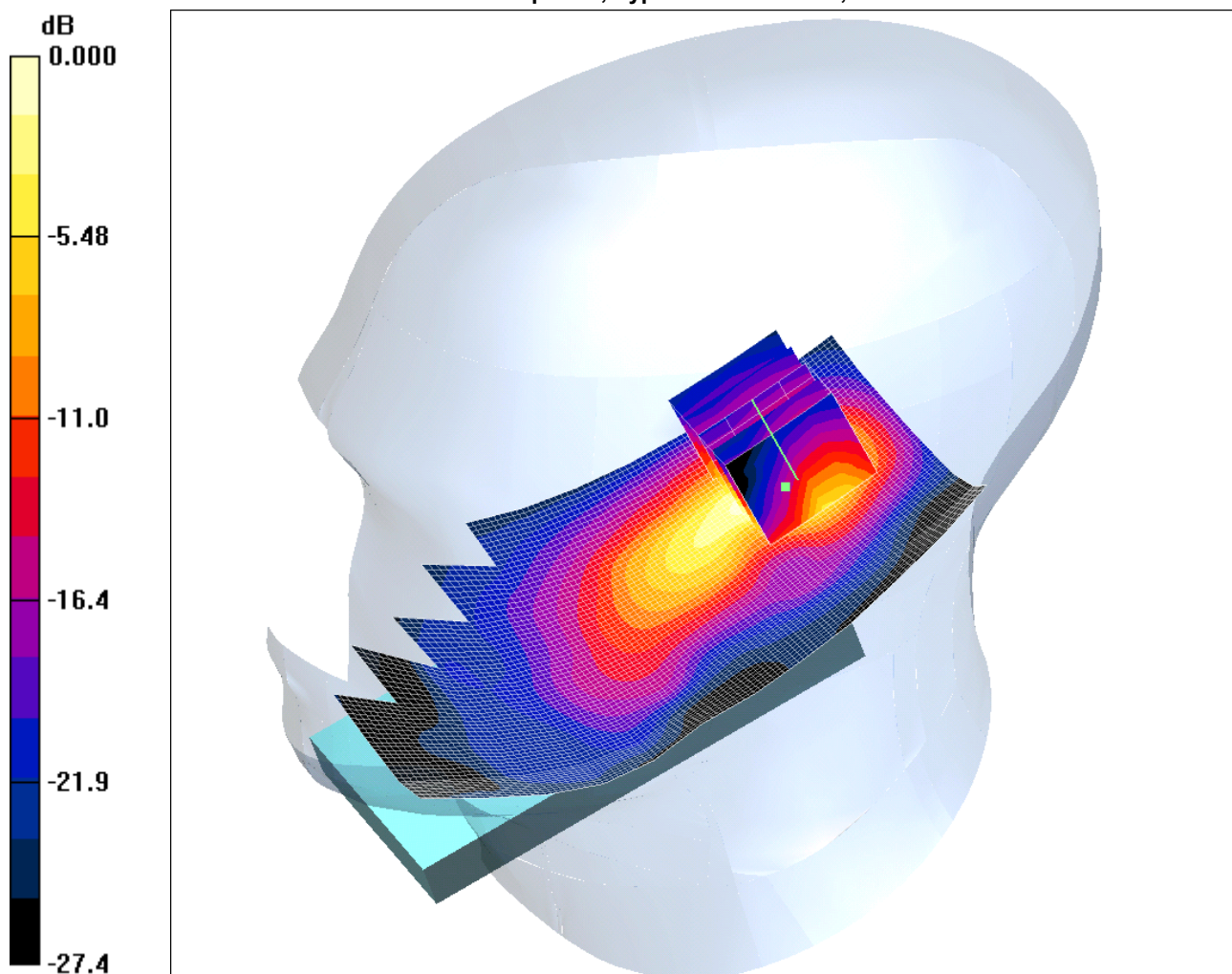
Maximum value of SAR (measured) = 0.119 mW/g



SCN/83554JD09/045: Touch Right Antenna Retracted WLAN 802.11b 1Mbps CH6

Date 14/09/2011

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: Softbank 101P; Serial: 004401221134089



0 dB = 0.303mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.83$  mho/m;  $\epsilon_r = 37.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.55, 4.55, 4.55); Calibrated: 12/05/2011

- 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

**Touch Right Antenna Retracted - Middle /Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.358 mW/g

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

Reference Value = 3.81 V/m; Power Drift = 0.057 dB

Peak SAR (extrapolated) = 0.670 W/kg

**SAR(1 g) = 0.260 mW/g; SAR(10 g) = 0.104 mW/g**

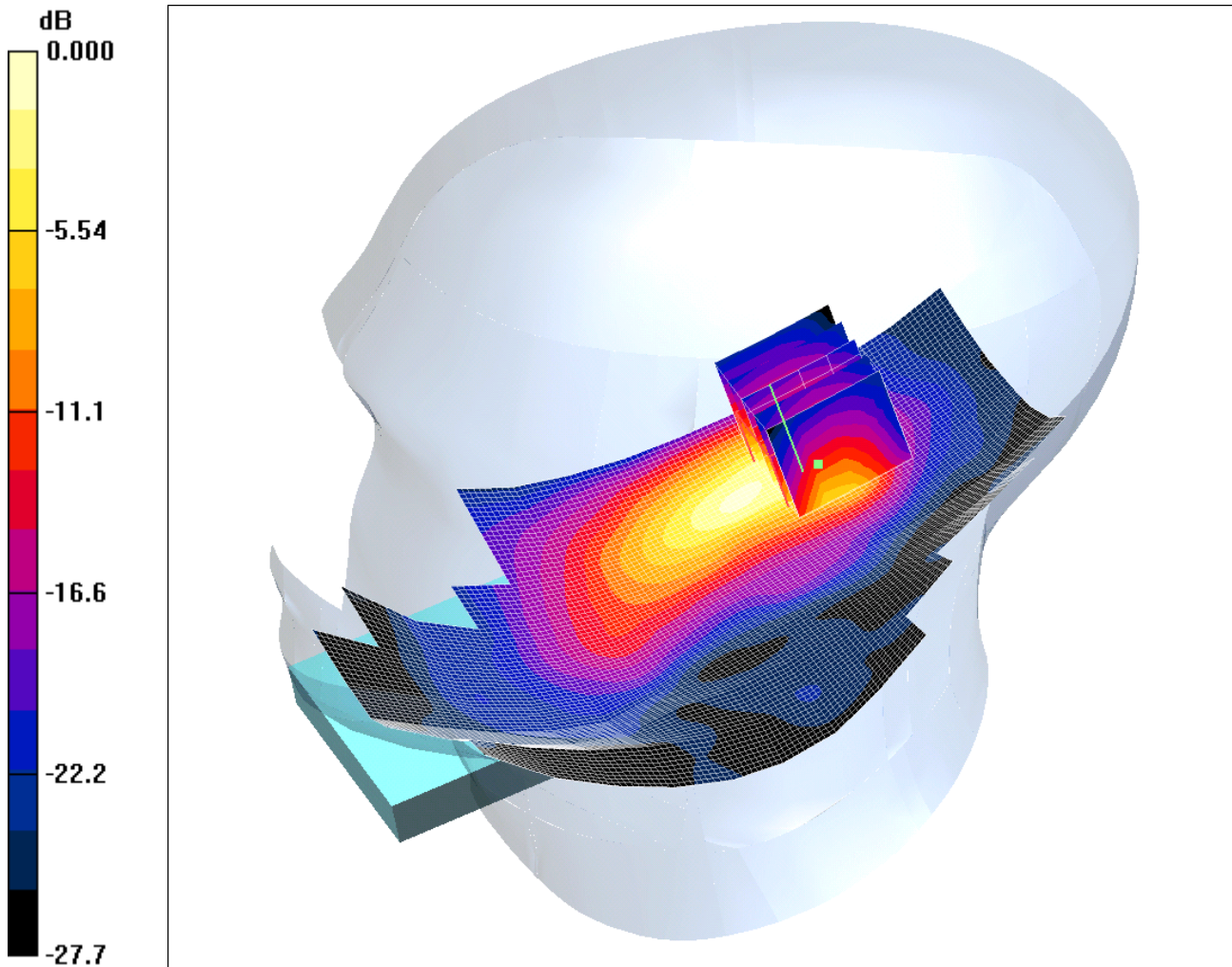
Maximum value of SAR (measured) = 0.303 mW/g



SCN/83554JD09/046: Touch Right Antenna Extended WLAN 802.11b 1Mbps CH6

Date 14/09/2011

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: Softbank 101P; Serial: 004401221134089



0 dB = 0.282mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.83$  mho/m;  $\epsilon_r = 37.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.55, 4.55, 4.55); Calibrated: 12/05/2011

- 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

**Touch Right Antenna Extended - Middle/Area Scan (91x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.245 mW/g

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

Reference Value = 3.49 V/m; Power Drift = -0.424 dB

Peak SAR (extrapolated) = 0.677 W/kg

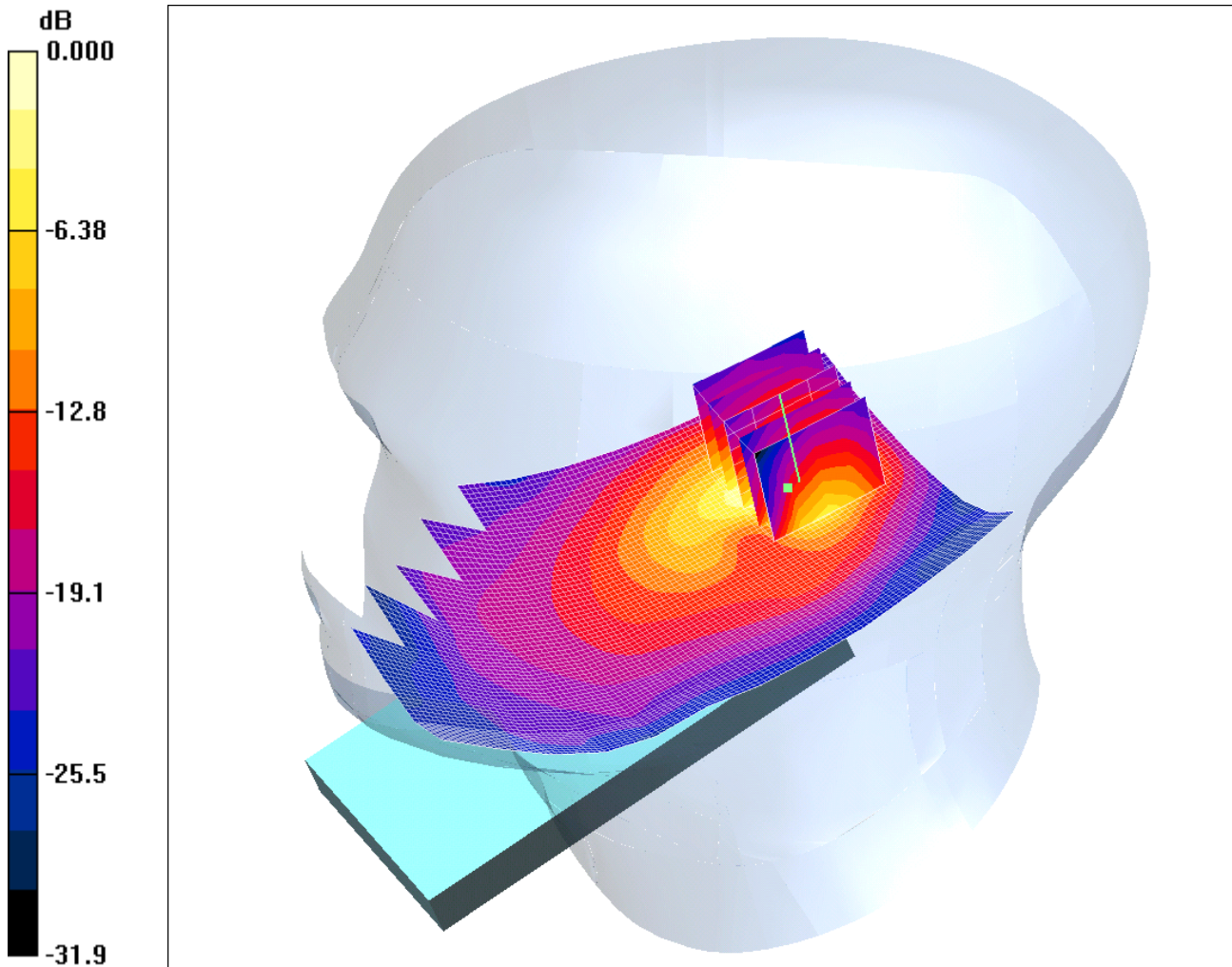
**SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.101 mW/g**

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

SCN/83554JD09/047: Tilt Right Antenna Retracted WLAN 802.11b 1Mbps CH6

Date 14/09/2011

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: Softbank 101P; Serial: 004401221134089



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;  $\sigma = 1.83$  mho/m;  $\epsilon_r = 37.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.55, 4.55, 4.55); Calibrated: 12/05/2011

- 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

**Tilt Right Antenna Retracted - Middle/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.281 mW/g

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

Reference Value = 3.73 V/m; Power Drift = 0.126 dB

Peak SAR (extrapolated) = 0.557 W/kg

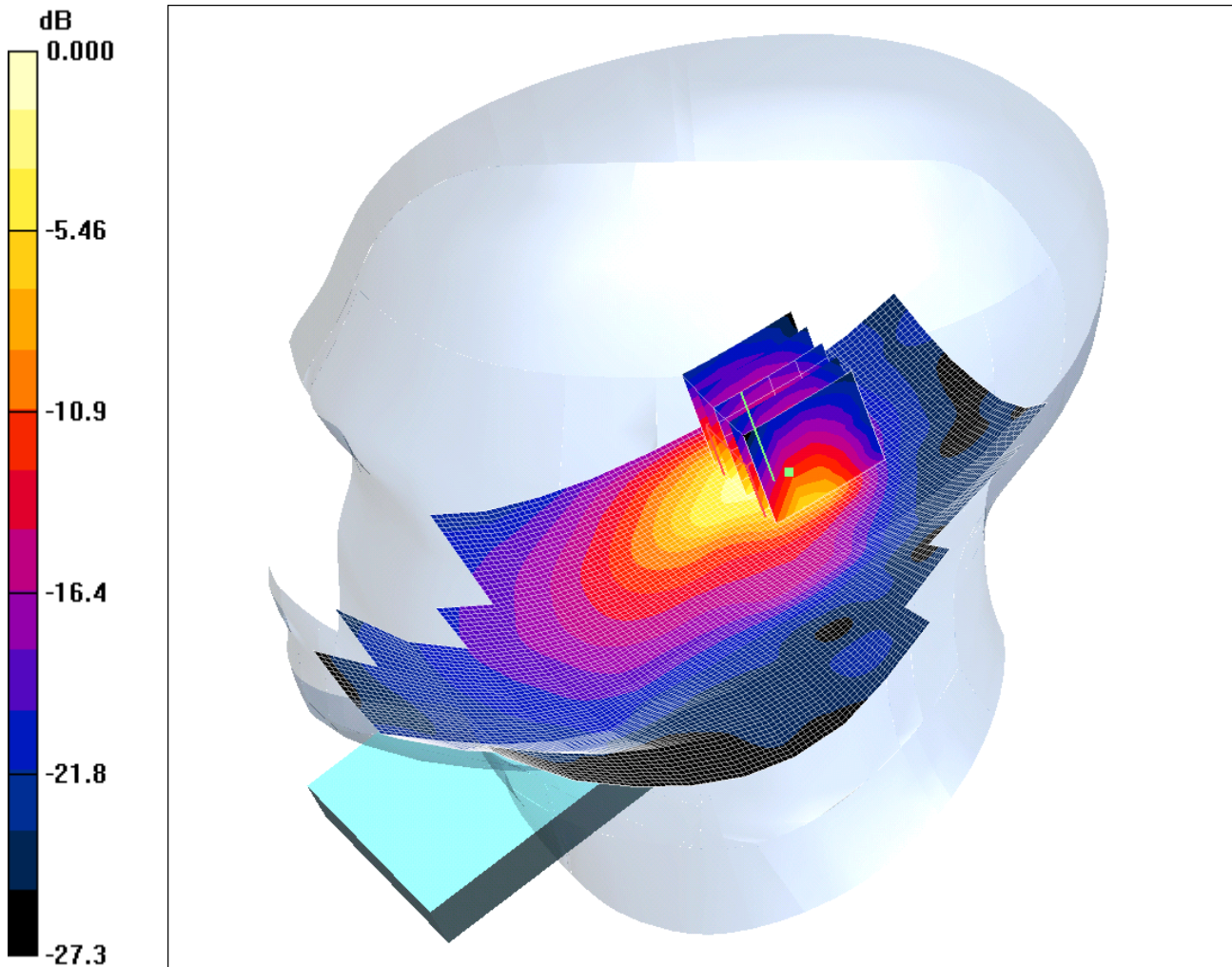
**SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.087 mW/g**

Maximum value of SAR (measured) = 0.260 mW/g

SCN/83554JD09/048: Tilt Right Antenna Extended WLAN 802.11b 1Mbps CH6

Date 14/09/2011

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: Softbank 101P; Serial: 004401221134089



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;  $\sigma = 1.83$  mho/m;  $\epsilon_r = 37.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.55, 4.55, 4.55); Calibrated: 12/05/2011

- 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

**Tilt Right Antenna Extended - Middle/Area Scan (91x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.214 mW/g

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

Reference Value = 3.58 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 0.598 W/kg

**SAR(1 g) = 0.229 mW/g; SAR(10 g) = 0.087 mW/g**

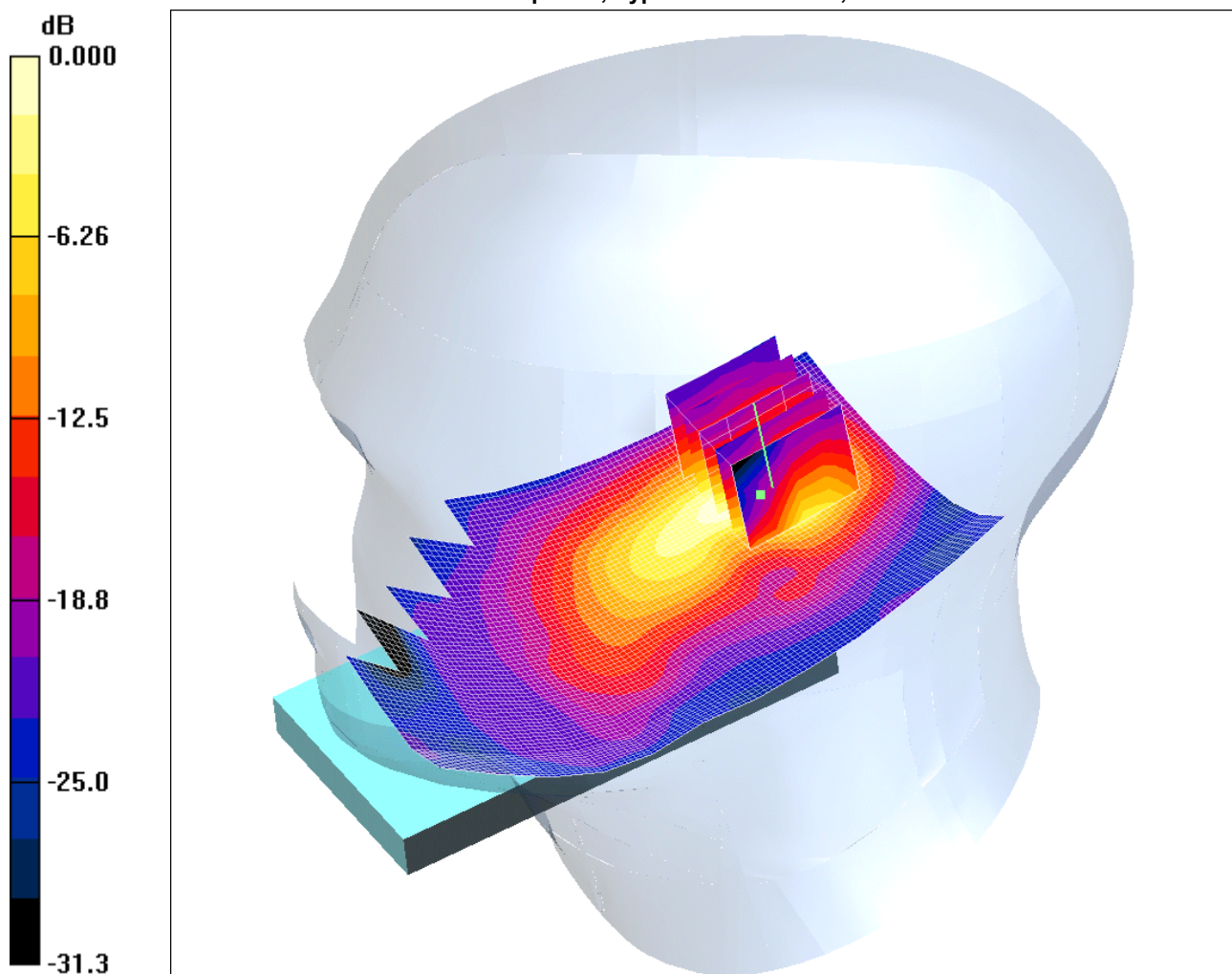
Maximum value of SAR (measured) = 0.261 mW/g



SCN/83554JD09/049: Touch Right Antenna Retracted WLAN 802.11g 6Mbps CH6

Date 14/09/2011

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: Softbank 101P; Serial: 004401221134089



0 dB = 0.183mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.83$  mho/m;  $\epsilon_r = 37.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.55, 4.55, 4.55); Calibrated: 12/05/2011

- 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

**Touch Right Antenna Retracted - Middle/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.213 mW/g

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

Reference Value = 2.76 V/m; Power Drift = -0.102 dB

Peak SAR (extrapolated) = 0.401 W/kg

**SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.063 mW/g**

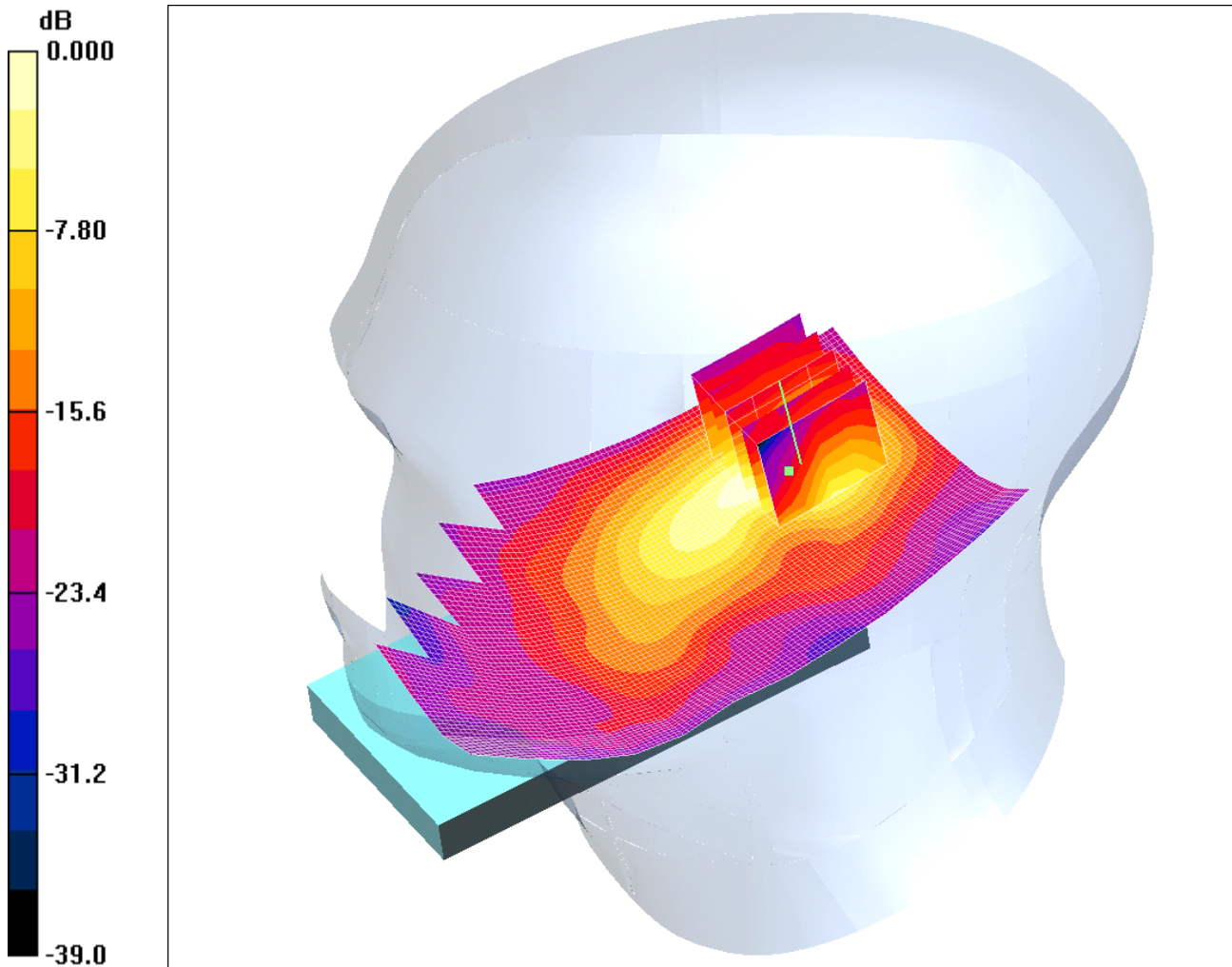
Maximum value of SAR (measured) = 0.183 mW/g



SCN/83554JD09/050: Touch Right Antenna Retracted WLAN 802.11n 6.5Mbps CH6

Date 14/09/2011

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: Softbank 101P; Serial: 004401221134089



0 dB = 0.169mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.83$  mho/m;  $\epsilon_r = 37.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.55, 4.55, 4.55); Calibrated: 12/05/2011

- 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

**Touch Right Antenna Retracted - Middle/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.195 mW/g

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

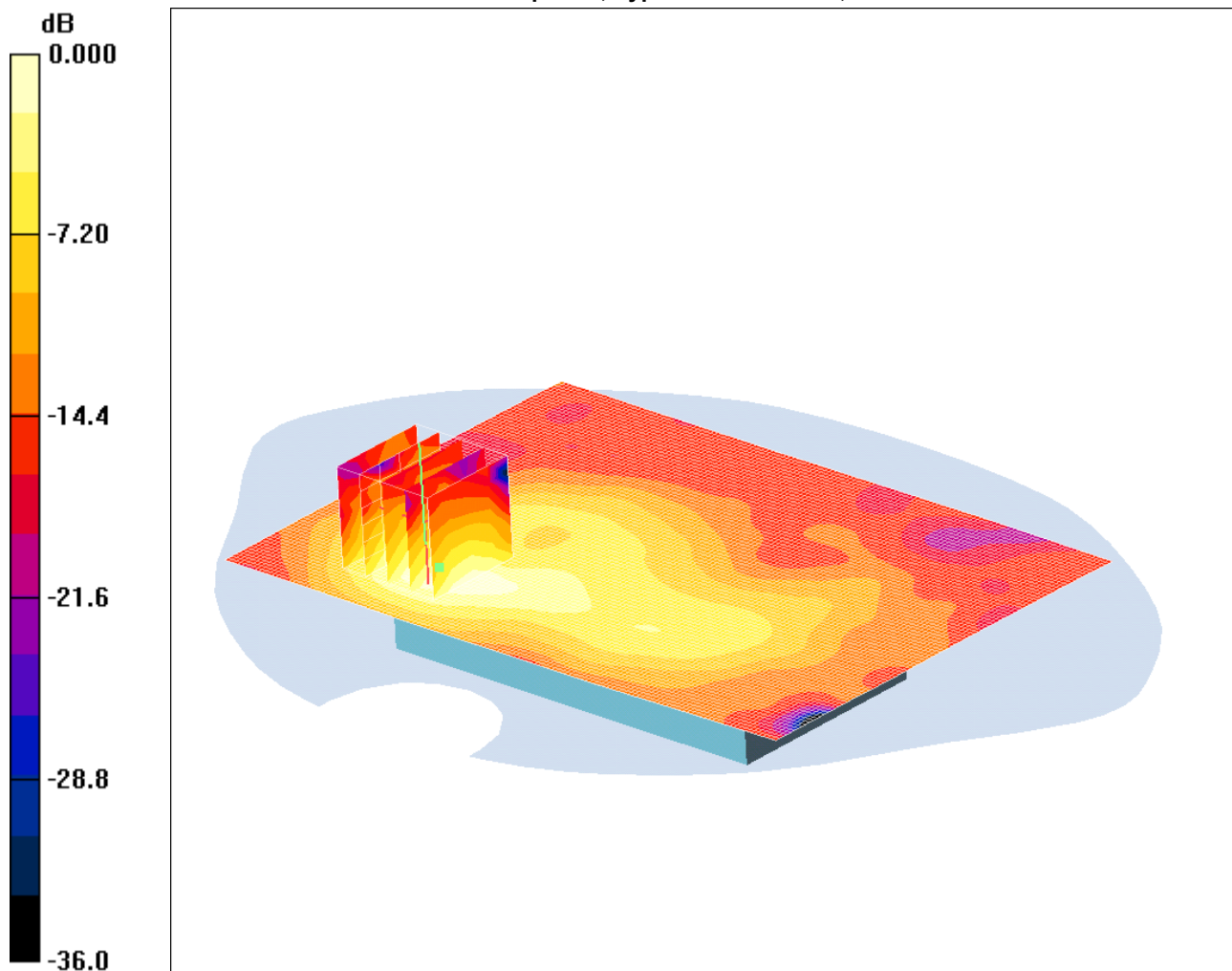
Reference Value = 2.76 V/m; Power Drift = -0.206 dB

Peak SAR (extrapolated) = 0.367 W/kg

**SAR(1 g) = 0.145 mW/g; SAR(10 g) = 0.058 mW/g**

Maximum value of SAR (measured) = 0.169 mW/g

SCN/83554JD09/051: Front of EUT Facing Phantom Antenna Retracted Hotspot Mode WLAN 802.11b  
 1Mbps CH6  
 Date 14/09/2011  
 DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: Softbank 101P; Serial: 004401221134089



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;  $\sigma = 2.02$  mho/m;  $\epsilon_r = 50.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.09, 4.09, 4.09); Calibrated: 12/05/2011

- 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

**Front of EUT Facing Phantom - Middle/Area Scan (91x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.029 mW/g

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

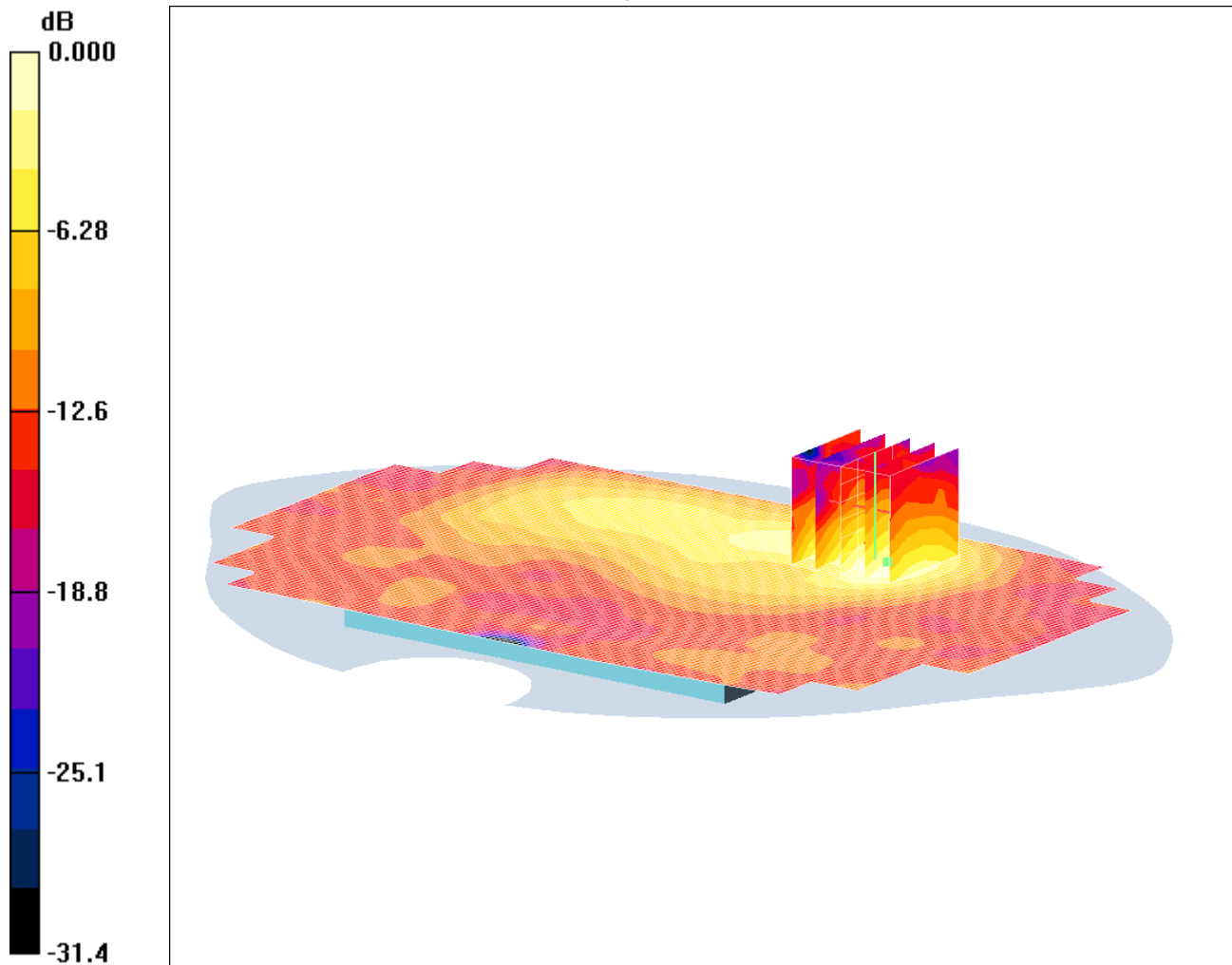
Reference Value = 1.58 V/m; Power Drift = -0.259 dB

Peak SAR (extrapolated) = 0.060 W/kg

**SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.013 mW/g**

Maximum value of SAR (measured) = 0.028 mW/g

SCN/83554JD09/052: Front of EUT Facing Phantom Antenna Extended Hotspot Mode WLAN 802.11b  
 1Mbps CH6  
 Date 14/09/2011  
 DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: Softbank 101P; Serial: 004401221134089



0 dB = 0.023mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 2.02$  mho/m;  $\epsilon_r = 50.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.09, 4.09, 4.09); Calibrated: 12/05/2011

- 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

**Front of EUT Facing Phantom - Middle/Area Scan (101x161x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.024 mW/g

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

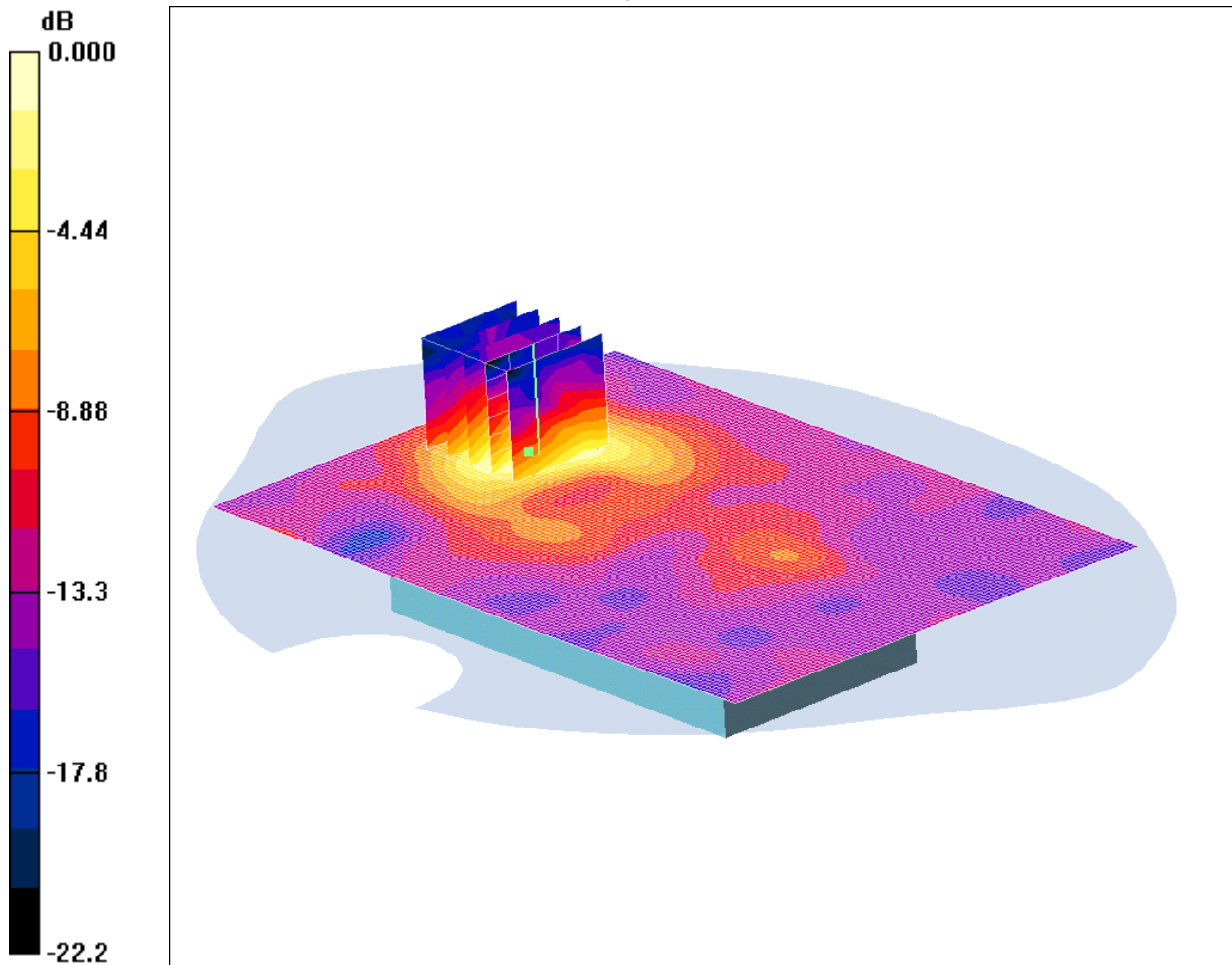
Reference Value = 1.04 V/m; Power Drift = 0.277 dB

Peak SAR (extrapolated) = 0.050 W/kg

**SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.011 mW/g**

Maximum value of SAR (measured) = 0.023 mW/g

SCN/83554JD09/053: Rear of EUT Facing Phantom Antenna Retracted Hotspot Mode WLAN 802.11b  
 1Mbps CH6  
 Date 14/09/2011  
 DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: Softbank 101P; Serial: 004401221134089



0 dB = 0.024mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 2.02$  mho/m;  $\epsilon_r = 50.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.09, 4.09, 4.09); Calibrated: 12/05/2011

- 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

**Rear of EUT Facing Phantom - Middle/Area Scan (91x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.024 mW/g

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

Reference Value = 1.25 V/m; Power Drift = -0.140 dB

Peak SAR (extrapolated) = 0.056 W/kg

**SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.011 mW/g**

Maximum value of SAR (measured) = 0.024 mW/g

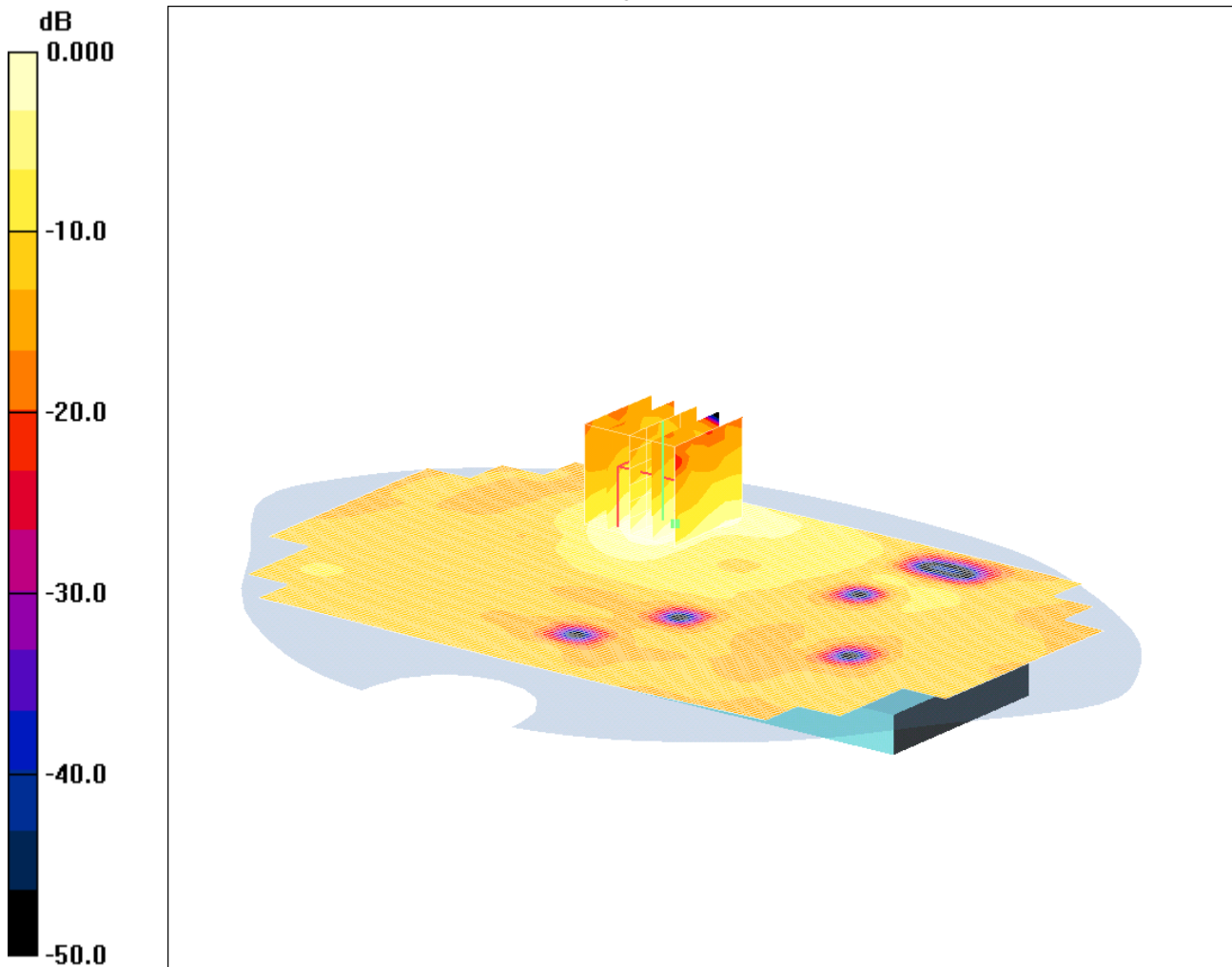


SCN/83554JD09/054: Rear of EUT Facing Phantom Antenna Extended Hotspot Mode WLAN 802.11b

1Mbps CH6

Date 14/09/2011

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: Softbank 101P; Serial: 004401221134089



0 dB = 0.019mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 2.02$  mho/m;  $\epsilon_r = 50.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.09, 4.09, 4.09); Calibrated: 12/05/2011

- 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

**Rear of EUT Facing Phantom Antenna Extended - Middle/Area Scan (101x161x1):** Measurement grid:

$dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (interpolated) = 0.019 mW/g

**Rear of EUT Facing Phantom Antenna Extended - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:**

Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 1.12 V/m; Power Drift = -0.006 dB

Peak SAR (extrapolated) = 0.045 W/kg

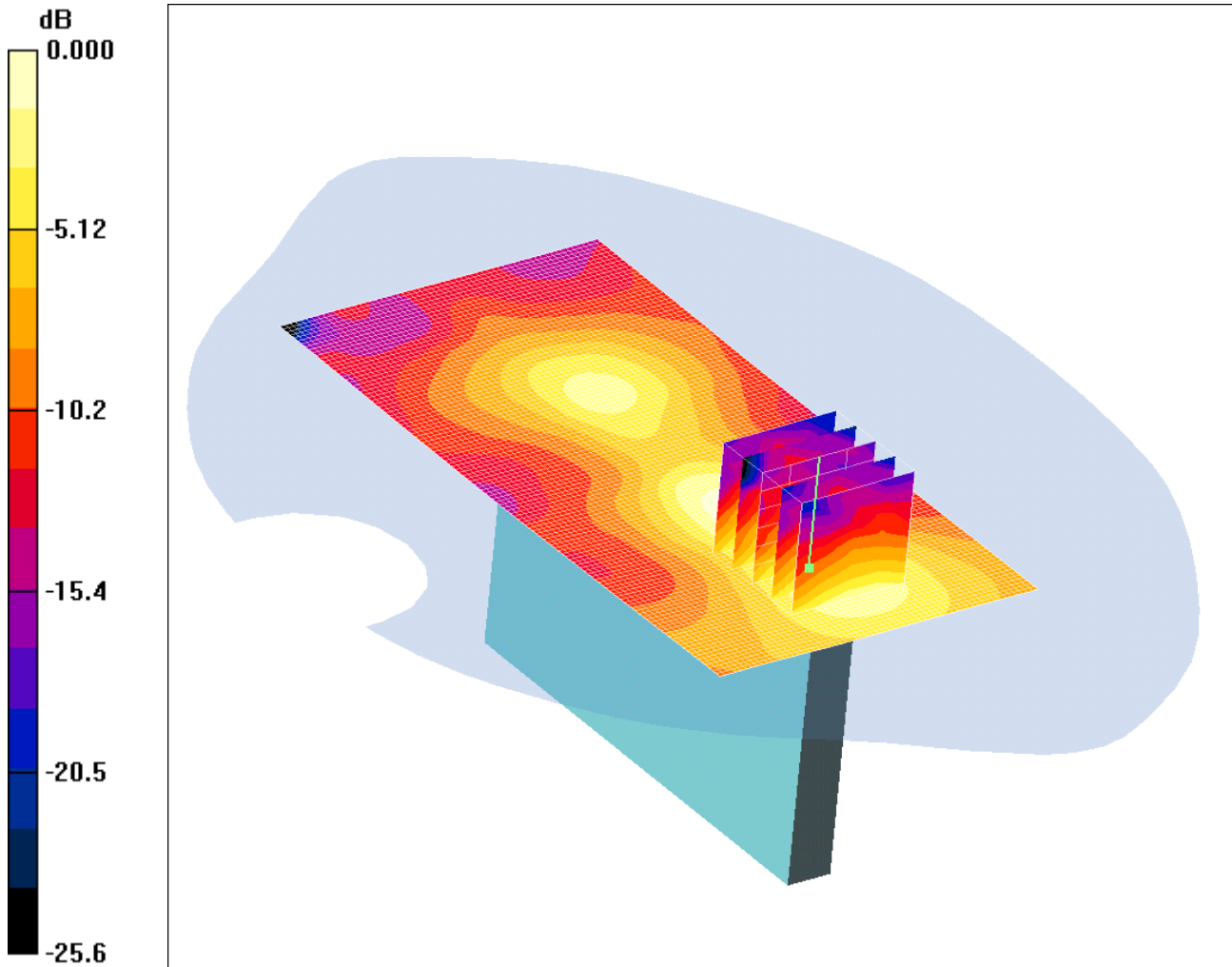
**SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.0091 mW/g**

Maximum value of SAR (measured) = 0.019 mW/g

SCN/83554JD09/055: Left Hand Side of EUT Facing Phantom Antenna Retracted Hotspot Mode WLAN  
802.11b 1Mbps CH6

Date 14/09/2011

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: Softbank 101P; Serial: 004401221134089



0 dB = 0.020mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 2.02$  mho/m;  $\epsilon_r = 50.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.09, 4.09, 4.09); Calibrated: 12/05/2011

- 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

**Left Hand Side of EUT Facing Phantom Antenna Retracted - Middle/Area Scan (61x121x1):** Measurement

grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (interpolated) = 0.019 mW/g

**Left Hand Side of EUT Facing Phantom Antenna Retracted - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:**

Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 1.79 V/m; Power Drift = -0.126 dB

Peak SAR (extrapolated) = 0.040 W/kg

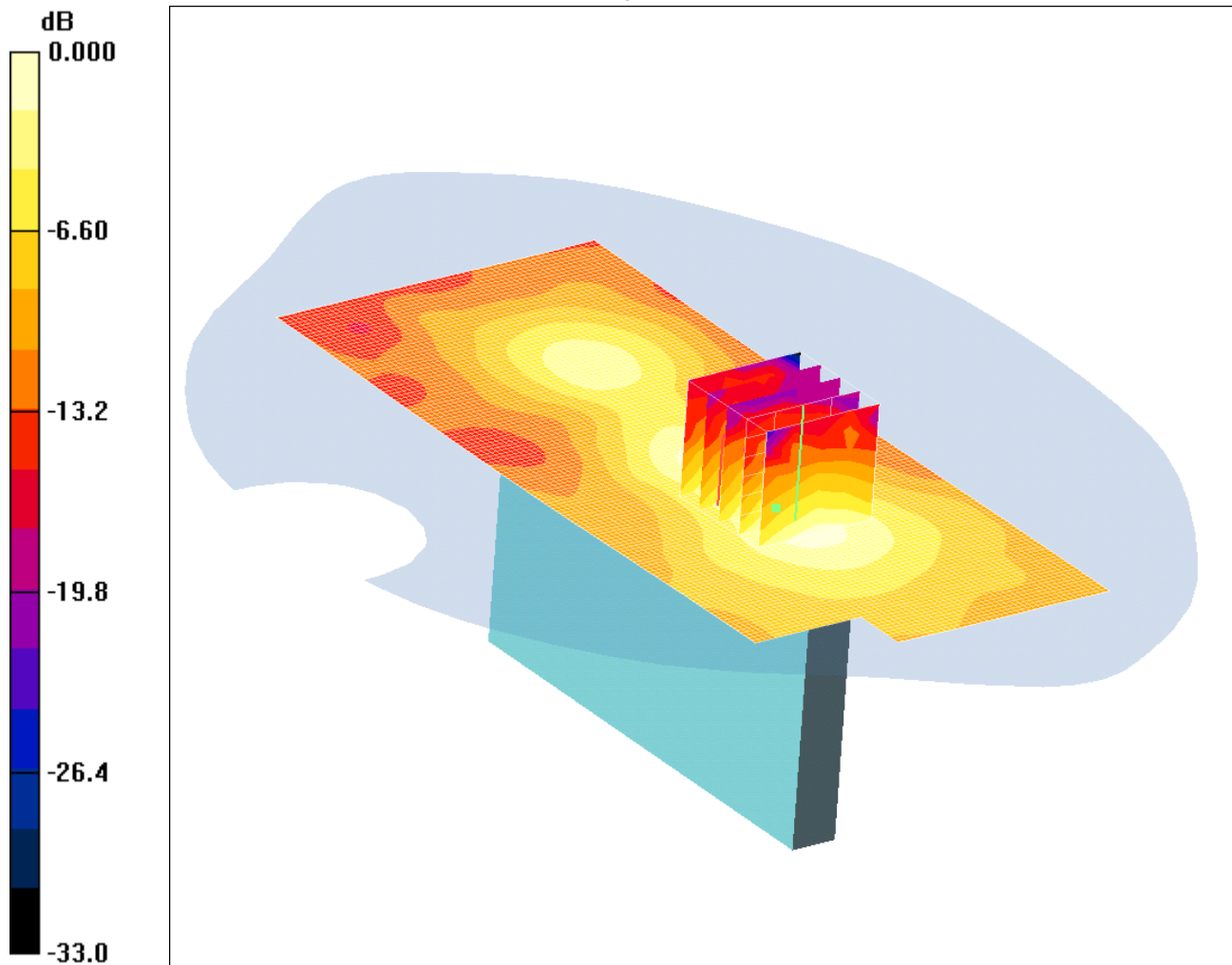
**SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.00914 mW/g**

Maximum value of SAR (measured) = 0.020 mW/g

SCN/83554JD09/056: Left Hand Side of EUT Facing Phantom Antenna Extended Hotspot Mode WLAN  
802.11b 1Mbps CH6

Date 14/09/2011

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: Softbank 101P; Serial: 004401221134089



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;  $\sigma = 2.02$  mho/m;  $\epsilon_r = 50.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.09, 4.09, 4.09); Calibrated: 12/05/2011

- 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

**Left Hand Side of EUT Facing Phantom Antenna Extended - Middle/Area Scan (61x141x1):** Measurement

grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (interpolated) = 0.022 mW/g

**Left Hand Side of EUT Facing Phantom Antenna Extended - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:**

Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 2.10 V/m; Power Drift = -0.325 dB

Peak SAR (extrapolated) = 0.051 W/kg

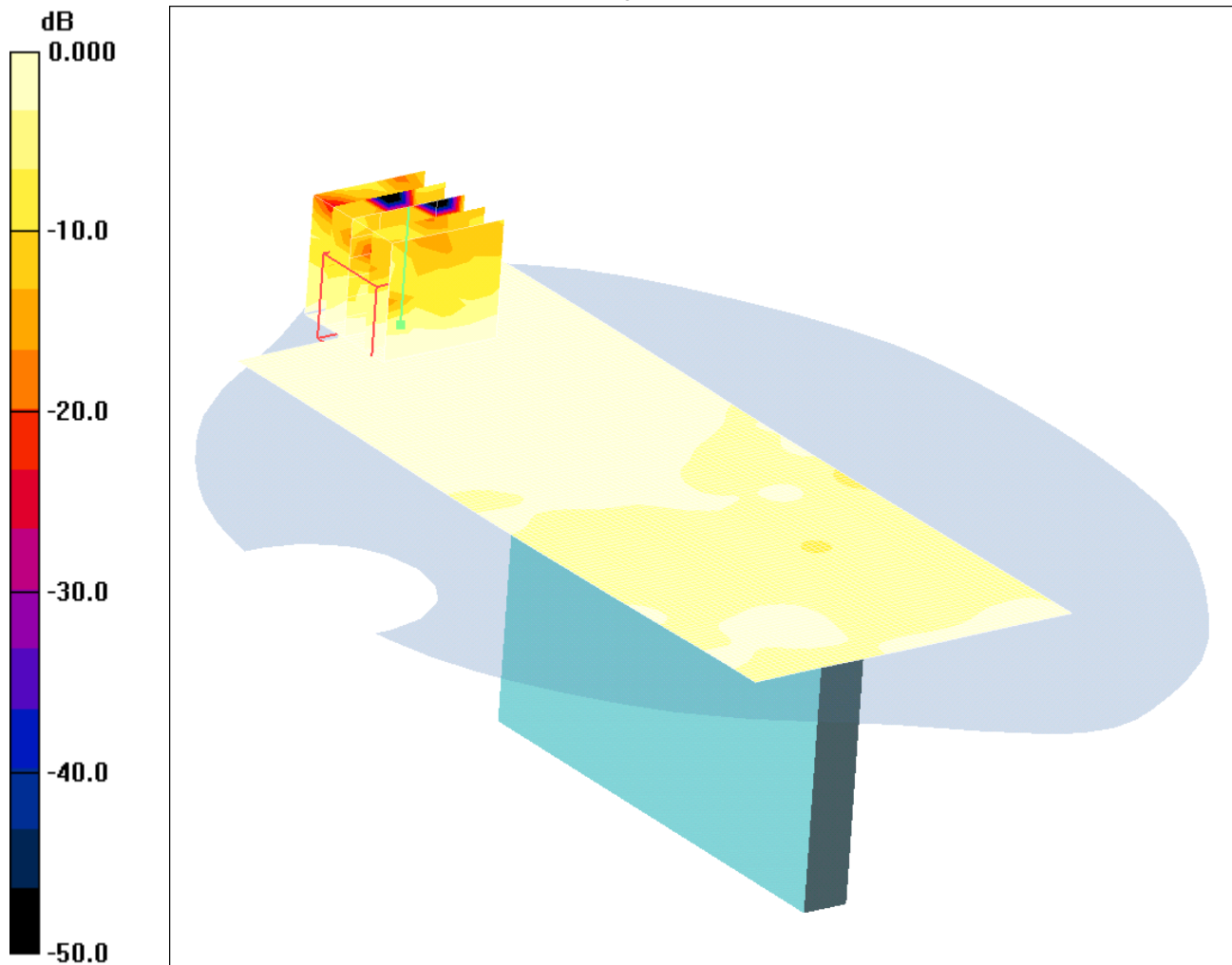
**SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.010 mW/g**

Maximum value of SAR (measured) = 0.022 mW/g

SCN/83554JD09/057: Right Hand Side of EUT Facing Phantom Antenna Retracted Hotspot Mode WLAN  
802.11b 1Mbps CH6

Date 14/09/2011

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: Softbank 101P; Serial: 004401221134089



0 dB = 0.030mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 2.02$  mho/m;  $\epsilon_r = 50.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.09, 4.09, 4.09); Calibrated: 12/05/2011

- 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

**Right Hand Side of EUT Facing Phantom Antenna Retracted - Middle /Area Scan (61x161x1):**

Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (interpolated) = 0.003 mW/g

**Right Hand Side of EUT Facing Phantom Antenna Retracted - Middle /Zoom Scan (5x5x7) (5x5x7)/Cube 0:**

Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 0.815 V/m; Power Drift = 0.297 dB

Peak SAR (extrapolated) = 0.006 W/kg

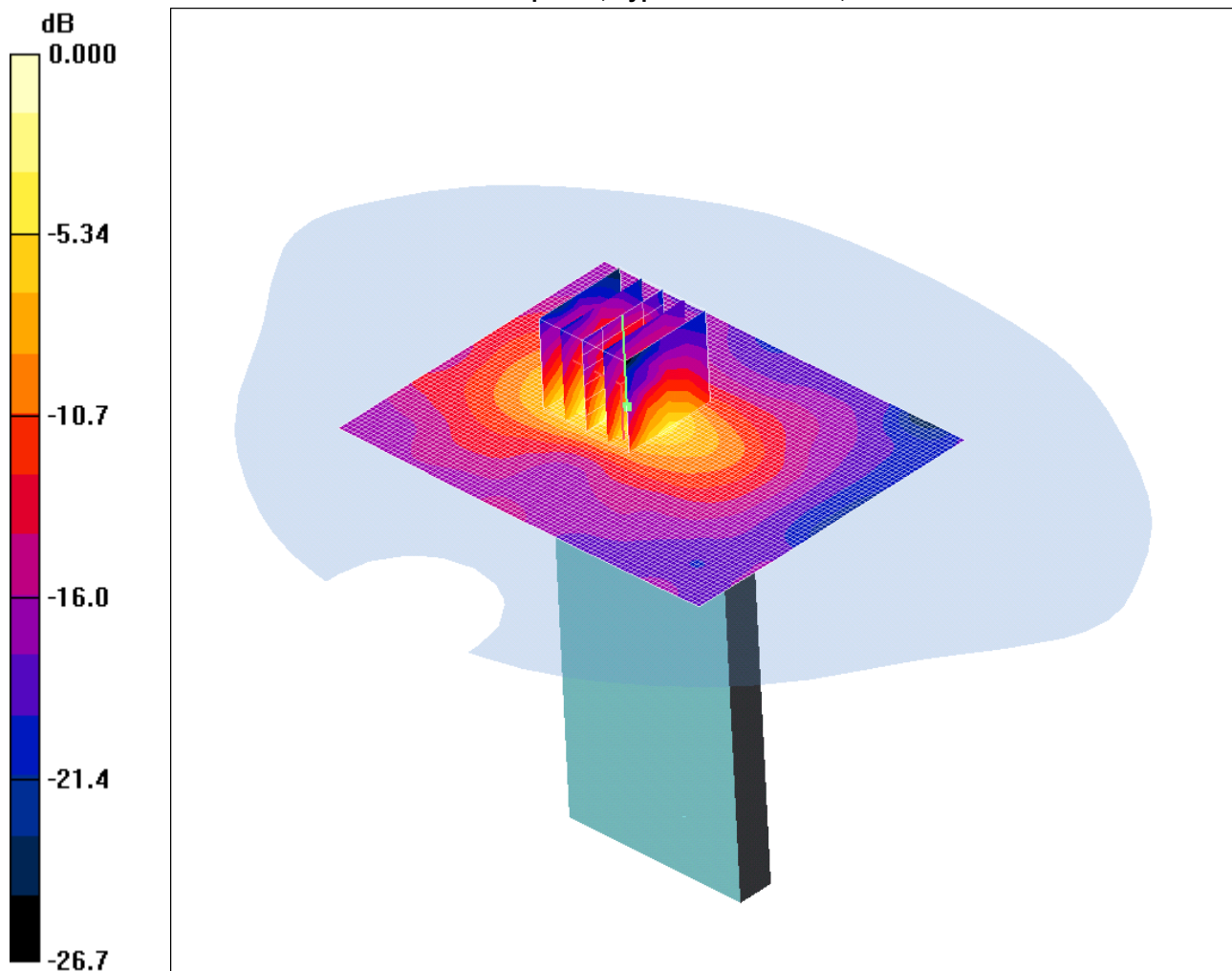
**SAR(1 g) = 0.00273 mW/g; SAR(10 g) = 0.00144 mW/g**

Maximum value of SAR (measured) = 0.003 mW/g

**Note: \*The SAR level measured is near noise flow.**



SCN/83554JD09/058: Top of EUT Facing Phantom Antenna Retracted Hotspot Mode WLAN 802.11b  
 1Mbps CH6  
 Date 15/09/2011  
 DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: Softbank 101P; Serial: 004401221134089



0 dB = 0.076mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 2.02$  mho/m;  $\epsilon_r = 50.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.09, 4.09, 4.09); Calibrated: 12/05/2011
- 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

**Top of EUT Facing Phantom Antenna Retracted - Middle/Area Scan (71x91x1):** Measurement grid:

$dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (interpolated) = 0.070 mW/g

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

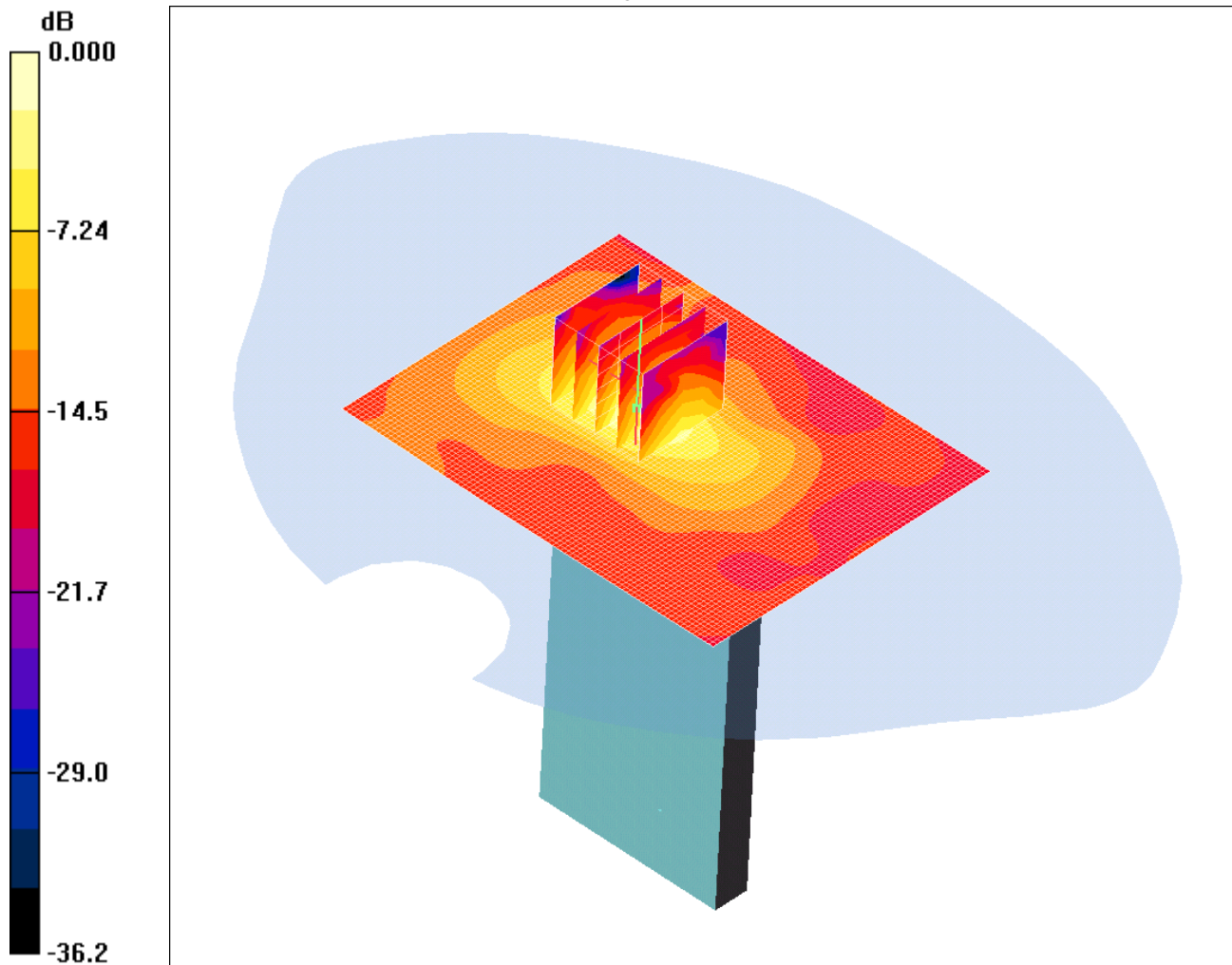
Reference Value = 3.56 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 0.171 W/kg

**SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.028 mW/g**

Maximum value of SAR (measured) = 0.076 mW/g

SCN/83554JD09/059: Top of EUT Facing Phantom Antenna Retracted Hotspot Mode WLAN 802.11g  
 6Mbps CH6  
 Date 15/09/2011  
 DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: Softbank 101P; Serial: 004401221134089



0 dB = 0.042mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 2.02$  mho/m;  $\epsilon_r = 50.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.09, 4.09, 4.09); Calibrated: 12/05/2011

- 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

**Top of EUT Facing Phantom Antenna Retracted - Middle/Area Scan (71x91x1):** Measurement grid:

$dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (interpolated) = 0.039 mW/g

**Top of EUT Facing Phantom Antenna Retracted - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement

grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

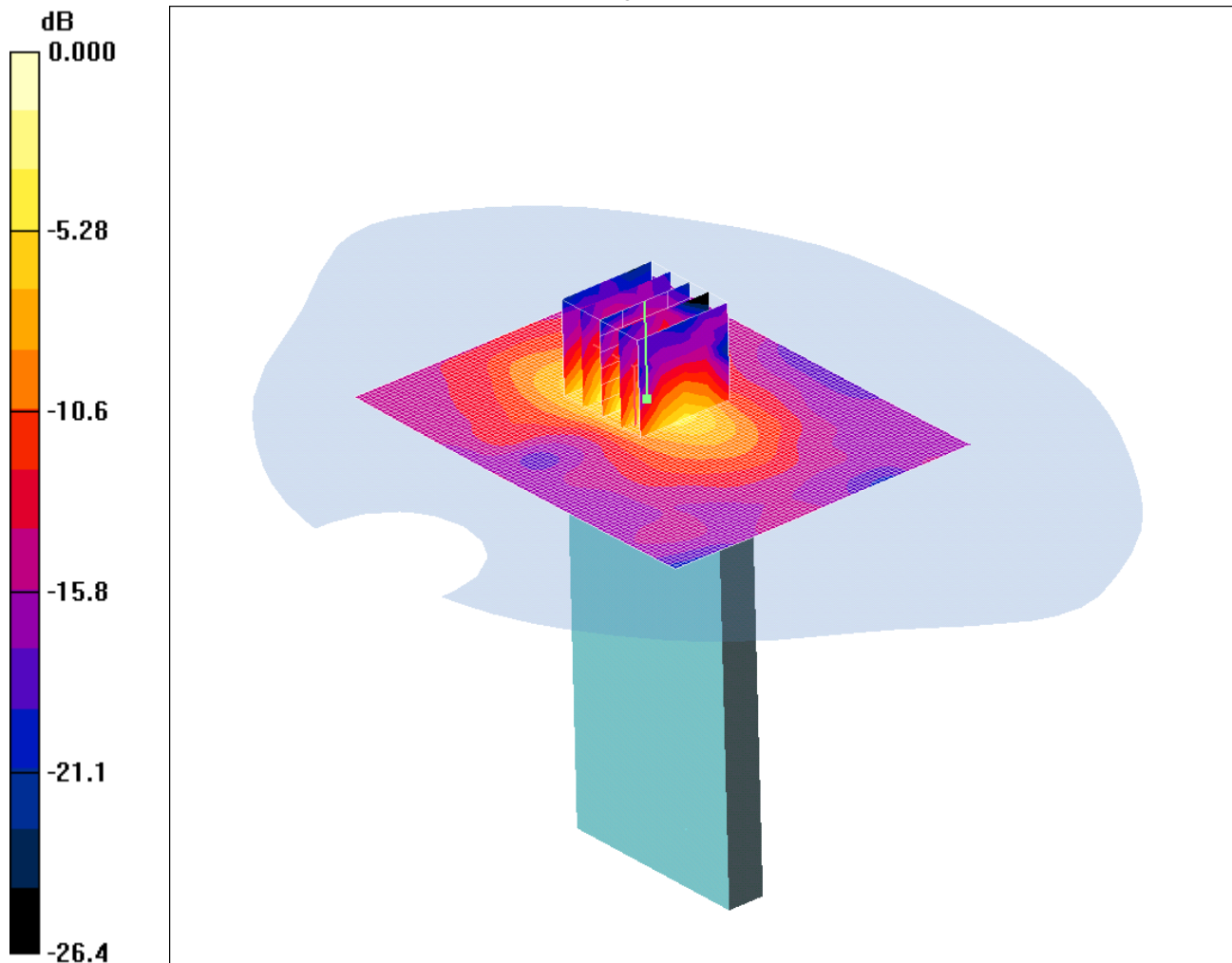
Reference Value = 2.85 V/m; Power Drift = -0.071 dB

Peak SAR (extrapolated) = 0.096 W/kg

**SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.016 mW/g**

Maximum value of SAR (measured) = 0.042 mW/g

SCN/83554JD09/060: Top of EUT Facing Phantom Antenna Retracted Hotspot Mode WLAN 802.11n  
 6.5Mbps CH6  
 Date 15/09/2011  
 DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: Softbank 101P; Serial: 004401221134089



0 dB = 0.045mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 2.02$  mho/m;  $\epsilon_r = 50.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.09, 4.09, 4.09); Calibrated: 12/05/2011

- 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

**Top of EUT Facing Phantom Antenna Retracted - Middle/Area Scan (71x91x1):** Measurement grid:

$dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (interpolated) = 0.041 mW/g

**Top of EUT Facing Phantom Antenna Retracted - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement

grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 2.91 V/m; Power Drift = -0.045 dB

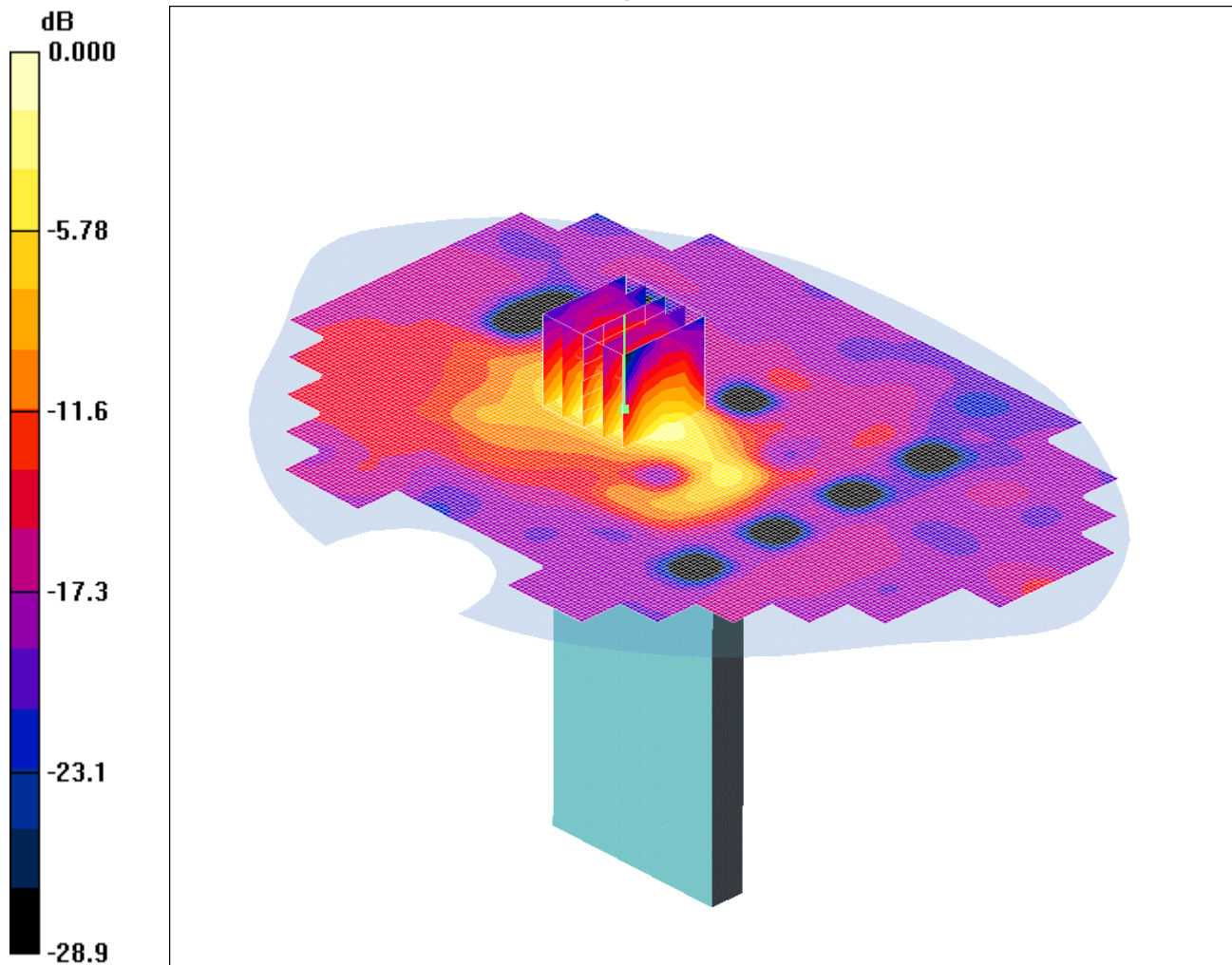
Peak SAR (extrapolated) = 0.104 W/kg

**SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.017 mW/g**

Maximum value of SAR (measured) = 0.045 mW/g



SCN/83554JD09/061: Top of EUT Facing Phantom Antenna Retracted with PHF Hotspot Mode WLAN  
 802.11b 1Mbps CH6  
 Date 15/09/2011  
 DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: Softbank 101P; Serial: 004401221134089



0 dB = 0.061mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 2.02$  mho/m;  $\epsilon_r = 50.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.09, 4.09, 4.09); Calibrated: 12/05/2011

- 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

**Top of EUT Facing Phantom Antenna Retracted - Middle/Area Scan (121x171x1):** Measurement grid:

$dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (interpolated) = 0.060 mW/g

**Top of EUT Facing Phantom Antenna Retracted - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement

grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 3.83 V/m; Power Drift = -0.136 dB

Peak SAR (extrapolated) = 0.134 W/kg

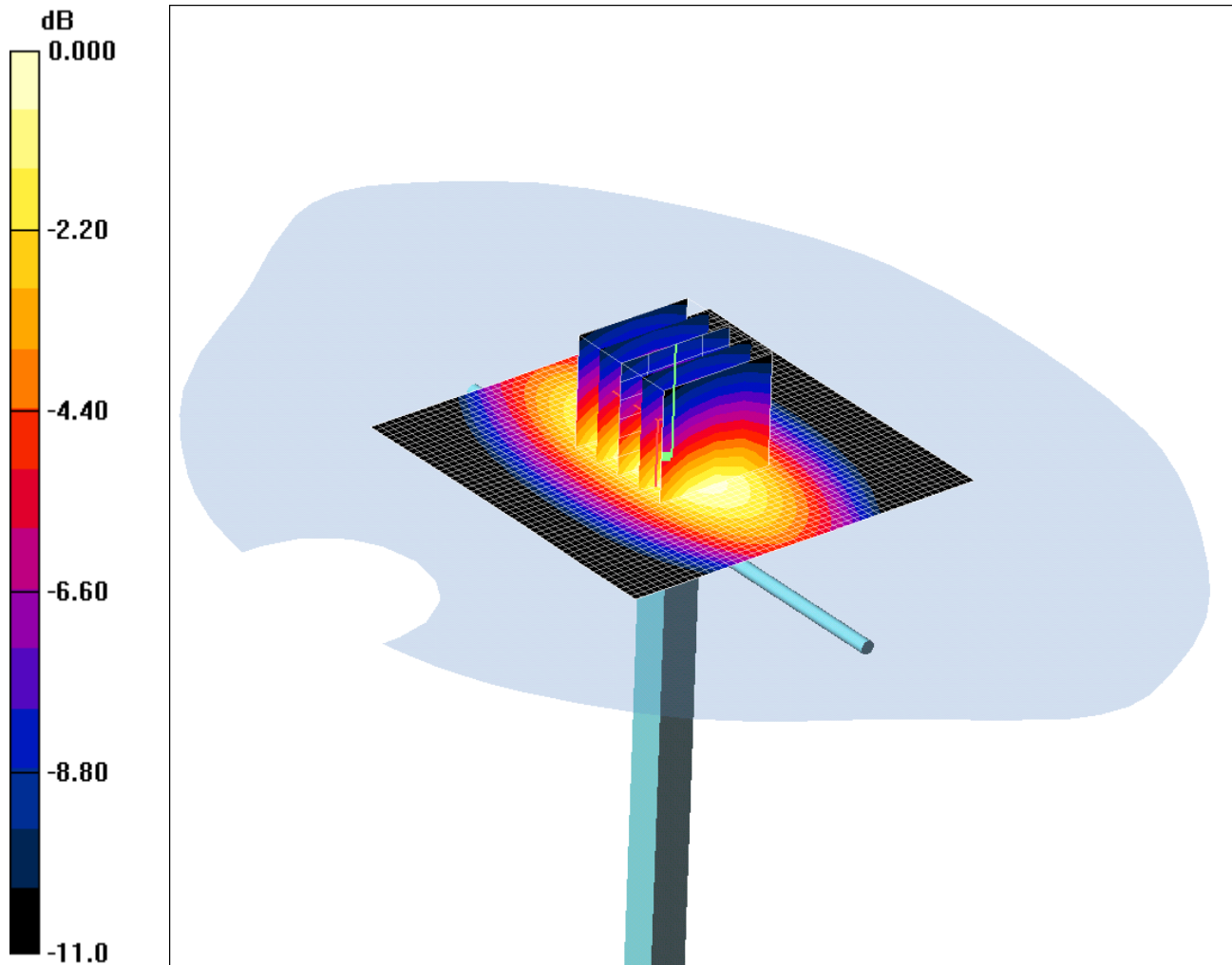
**SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.025 mW/g**

Maximum value of SAR (measured) = 0.061 mW/g

SCN/83554JD09/062: System Performance Check 900MHz Head 02 09 11

Date 02/09/2011

DUT: Dipole 900 MHz; SN: 124; Type: D900V2; Serial: SN124



0 dB = 2.86mW/g

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

Medium: 900 MHz HSL Medium parameters used:  $f = 900 \text{ MHz}$ ;  $\sigma = 0.942 \text{ mho/m}$ ;  $\epsilon_r = 41.4$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(6.51, 6.51, 6.51); Calibrated: 12/05/2011

- 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) = 2.90 mW/g

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

Reference Value = 57.3 V/m; Power Drift = -0.070 dB

Peak SAR (extrapolated) = 3.74 W/kg

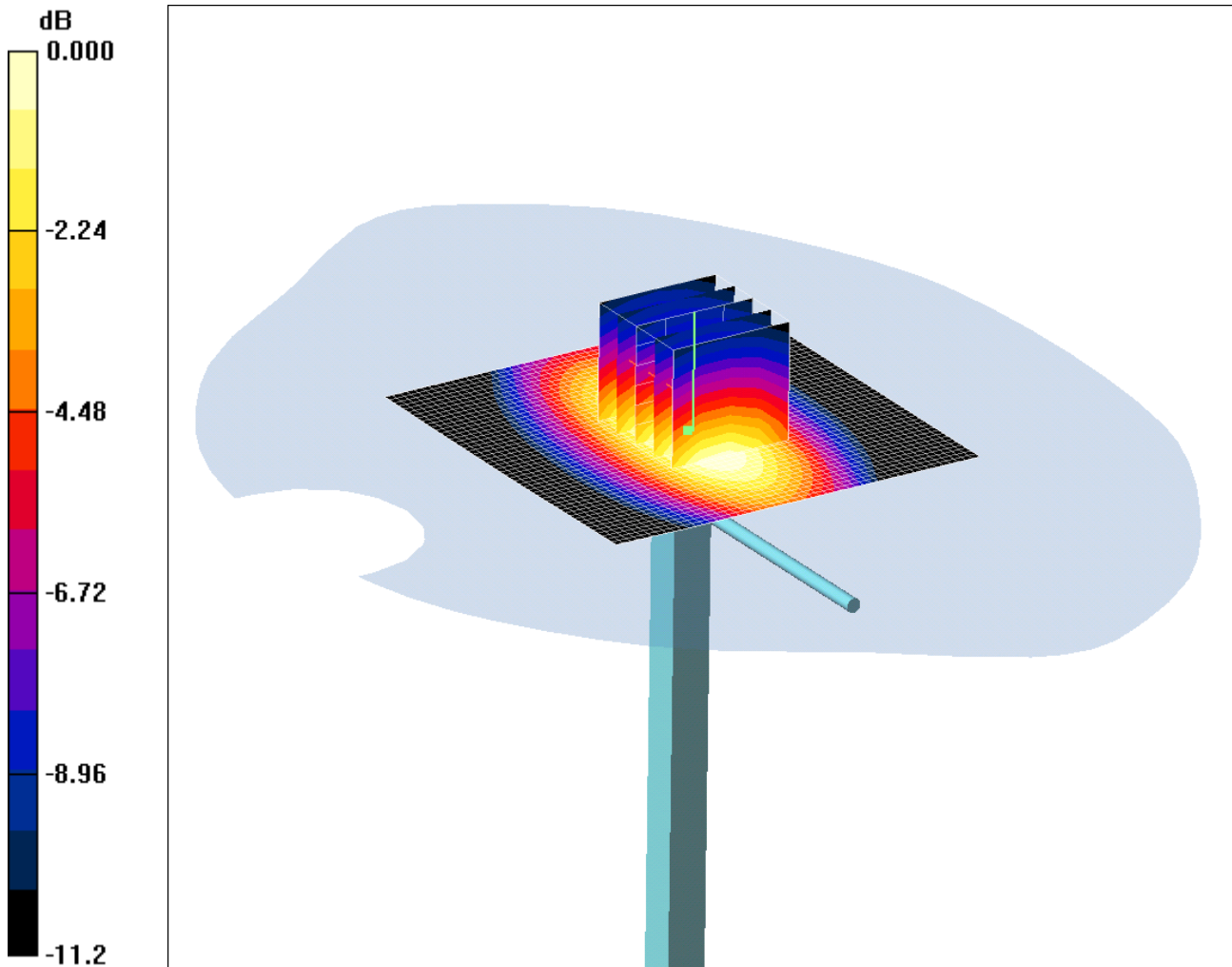
**SAR(1 g) = 2.63 mW/g; SAR(10 g) = 1.72 mW/g**

Maximum value of SAR (measured) = 2.86 mW/g

SCN/83554JD09/063: System Performance Check 900MHz Body 06 09 11

Date 06/09/2011

DUT: Dipole 900 MHz; SN: 124; Type: D900V2; Serial: SN124



0 dB = 2.90mW/g

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

Medium: 900 MHz MSL Medium parameters used:  $f = 900 \text{ MHz}$ ;  $\sigma = 1.07 \text{ mho/m}$ ;  $\epsilon_r = 52.9$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(6.32, 6.32, 6.32); Calibrated: 12/05/2011

- 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/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 3.03 mW/g

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

Reference Value = 55.2 V/m; Power Drift = -0.114 dB

Peak SAR (extrapolated) = 3.80 W/kg

**SAR(1 g) = 2.69 mW/g; SAR(10 g) = 1.75 mW/g**

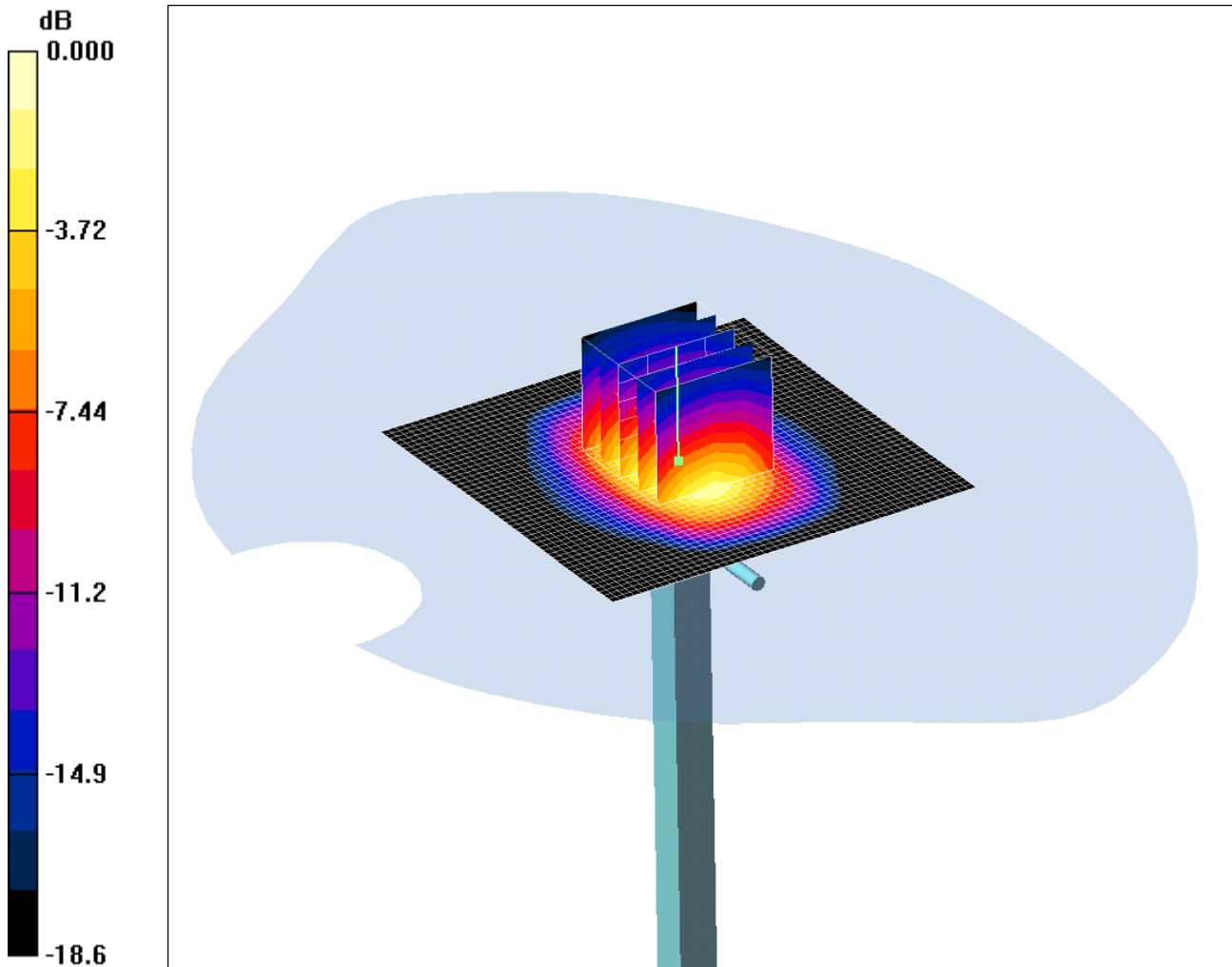
Maximum value of SAR (measured) = 2.90 mW/g



SCN/83554JD09/064: System Performance Check 1900MHz Head 07 09 11

Date 07/09/2011

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



0 dB = 11.0mW/g

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

Medium: 1900 MHz HSL Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.42 \text{ mho/m}$ ;  $\epsilon_r = 39.4$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(5.23, 5.23, 5.23); Calibrated: 12/05/2011

- 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) = 15.2 mW/g

**d=10mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 93.0 V/m; Power Drift = -0.063 dB

Peak SAR (extrapolated) = 17.1 W/kg

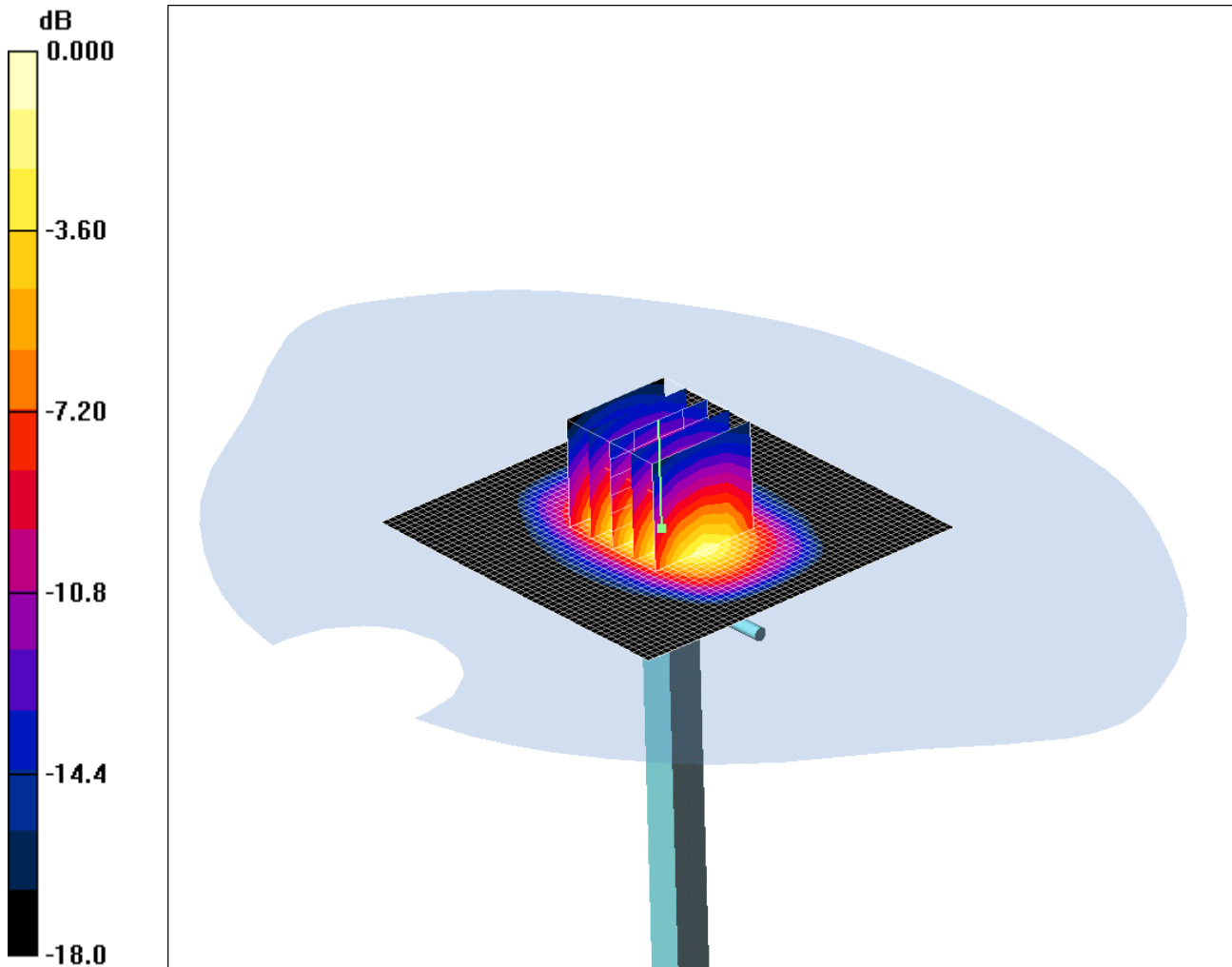
**SAR(1 g) = 9.78 mW/g; SAR(10 g) = 5.1 mW/g**

Maximum value of SAR (measured) = 11.0 mW/g

SCN/83554JD09/065: System Performance Check 1900MHz Body 08 09 11

Date 08/09/2011

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



0 dB = 11.8mW/g

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

Medium: 1900 MHz MSL Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.57 \text{ mho/m}$ ;  $\epsilon_r = 51.6$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.55, 4.55, 4.55); Calibrated: 12/05/2011

- 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) = 15.7 mW/g

**d=10mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 92.3 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 18.1 W/kg

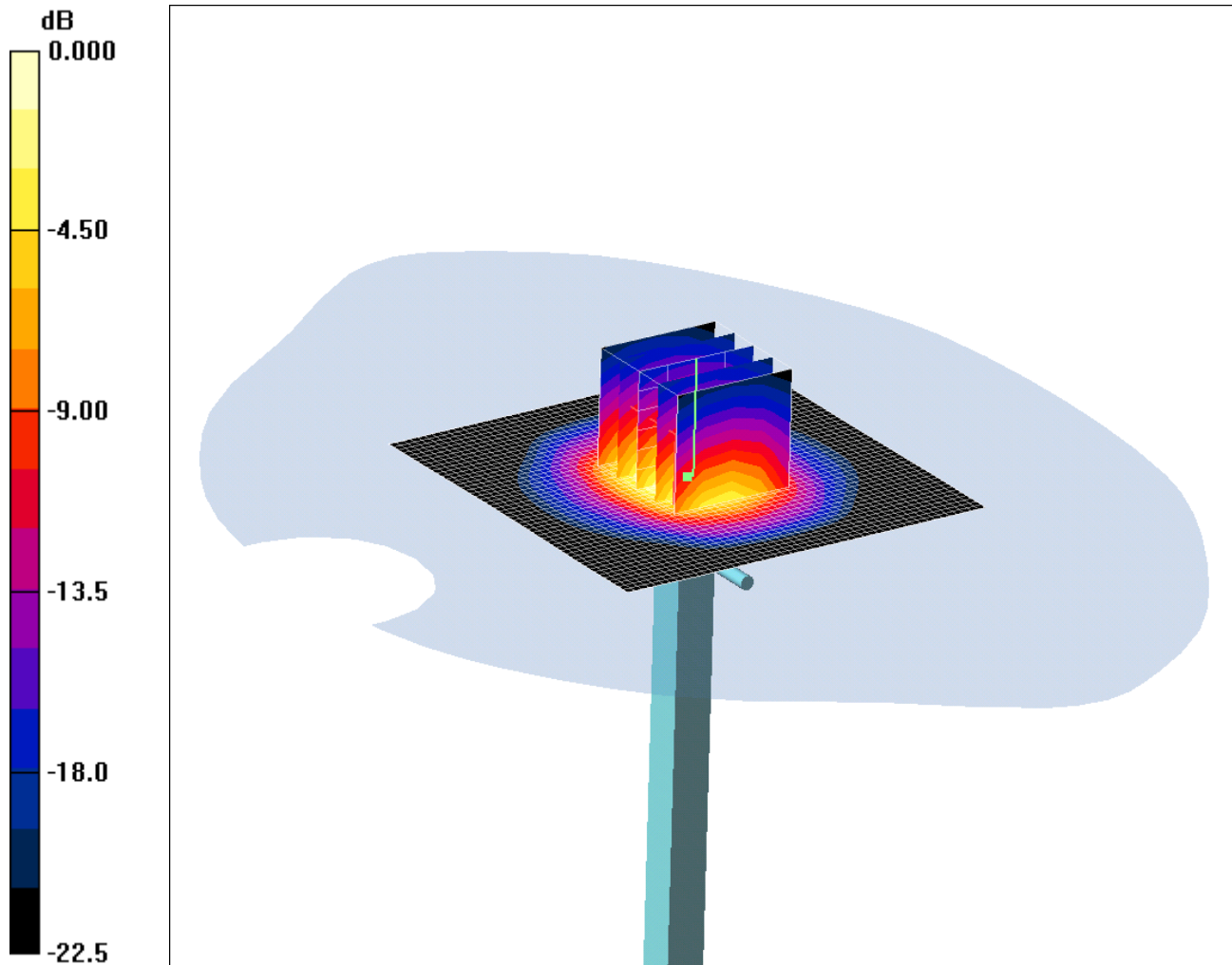
**SAR(1 g) = 10.5 mW/g; SAR(10 g) = 5.53 mW/g**

Maximum value of SAR (measured) = 11.8 mW/g

SCN/83554JD09/066: System Performance Check 2450MHz Head 13 09 11

Date 13/09/2011

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:725



0 dB = 14.3mW/g

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.85$  mho/m;  $\epsilon_r = 37.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.55, 4.55, 4.55); Calibrated: 12/05/2011

- 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) = 21.8 mW/g

**d=10mm, Pin=250mW/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 93.7 V/m; Power Drift = -0.074 dB

Peak SAR (extrapolated) = 29.2 W/kg

**SAR(1 g) = 13.2 mW/g; SAR(10 g) = 6.13 mW/g**

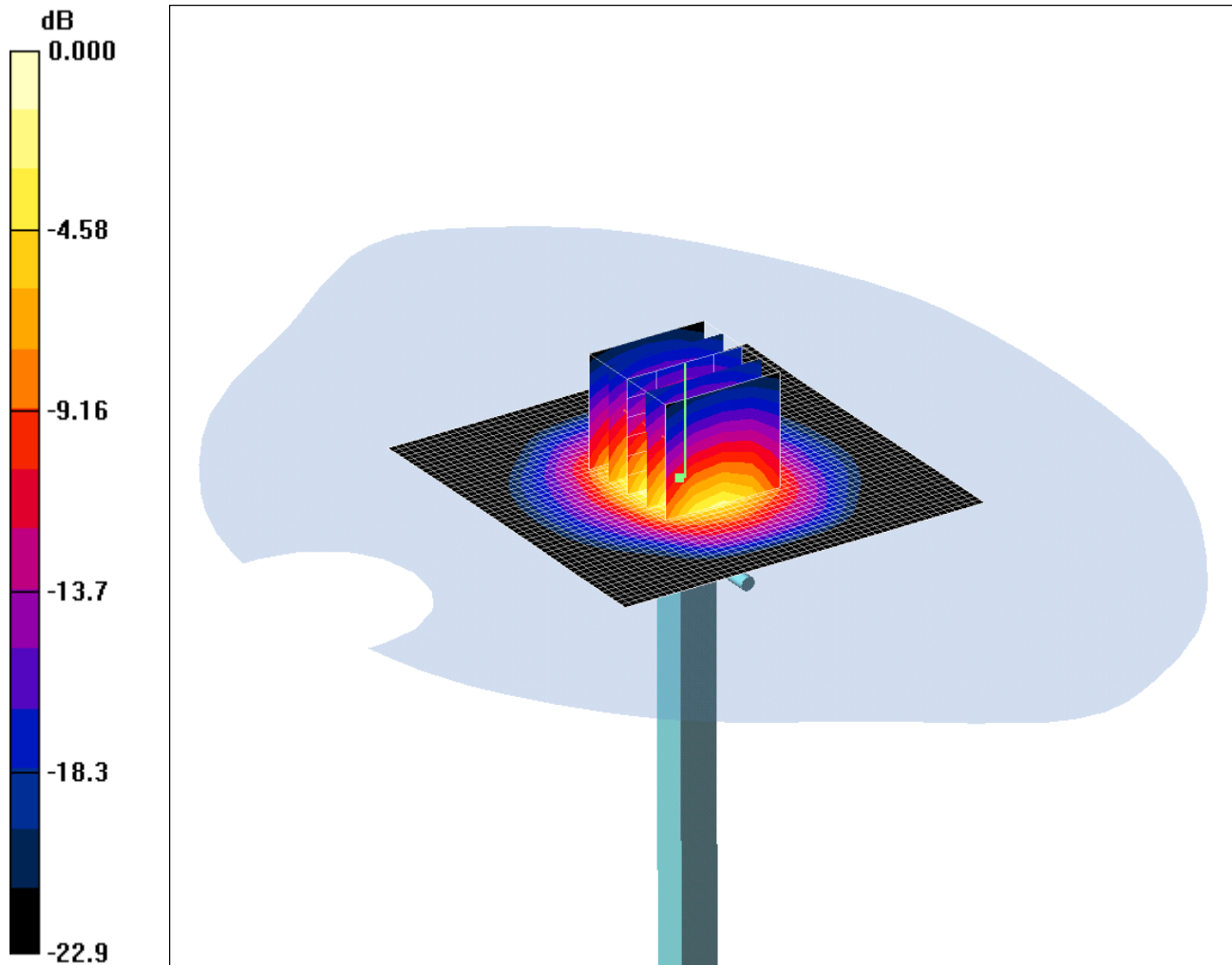
Maximum value of SAR (measured) = 14.3 mW/g



SCN/83554JD09/067: System Performance Check 2450MHz Head 14 09 11

Date 14/09/2011

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:725



0 dB = 14.5mW/g

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.85$  mho/m;  $\epsilon_r = 37.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.55, 4.55, 4.55); Calibrated: 12/05/2011

- 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) = 20.4 mW/g

**d=10mm, Pin=250mW/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 95.9 V/m; Power Drift = -0.371 dB

Peak SAR (extrapolated) = 29.4 W/kg

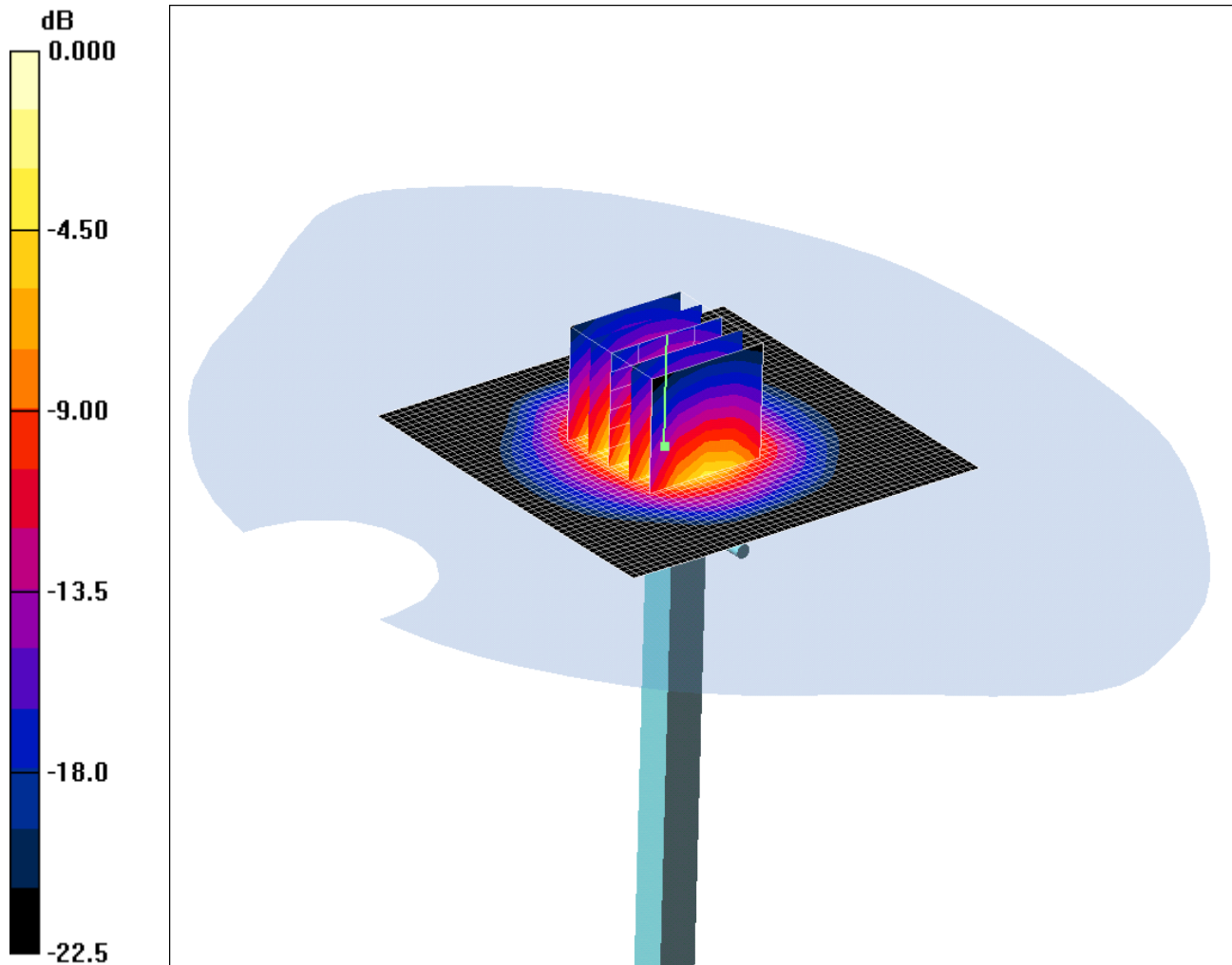
**SAR(1 g) = 13.3 mW/g; SAR(10 g) = 6.19 mW/g**

Maximum value of SAR (measured) = 14.5 mW/g

SCN/83554JD09/068: System Performance Check 2450MHz Body 14 09 11

Date 14/09/2011

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:725



0 dB = 14.0mW/g

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used:  $f = 2450$  MHz;  $\sigma = 2.04$  mho/m;  $\epsilon_r = 50.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.09, 4.09, 4.09); Calibrated: 12/05/2011

- 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) = 17.6 mW/g

**d=10mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 81.7 V/m; Power Drift = -0.034 dB

Peak SAR (extrapolated) = 32.1 W/kg

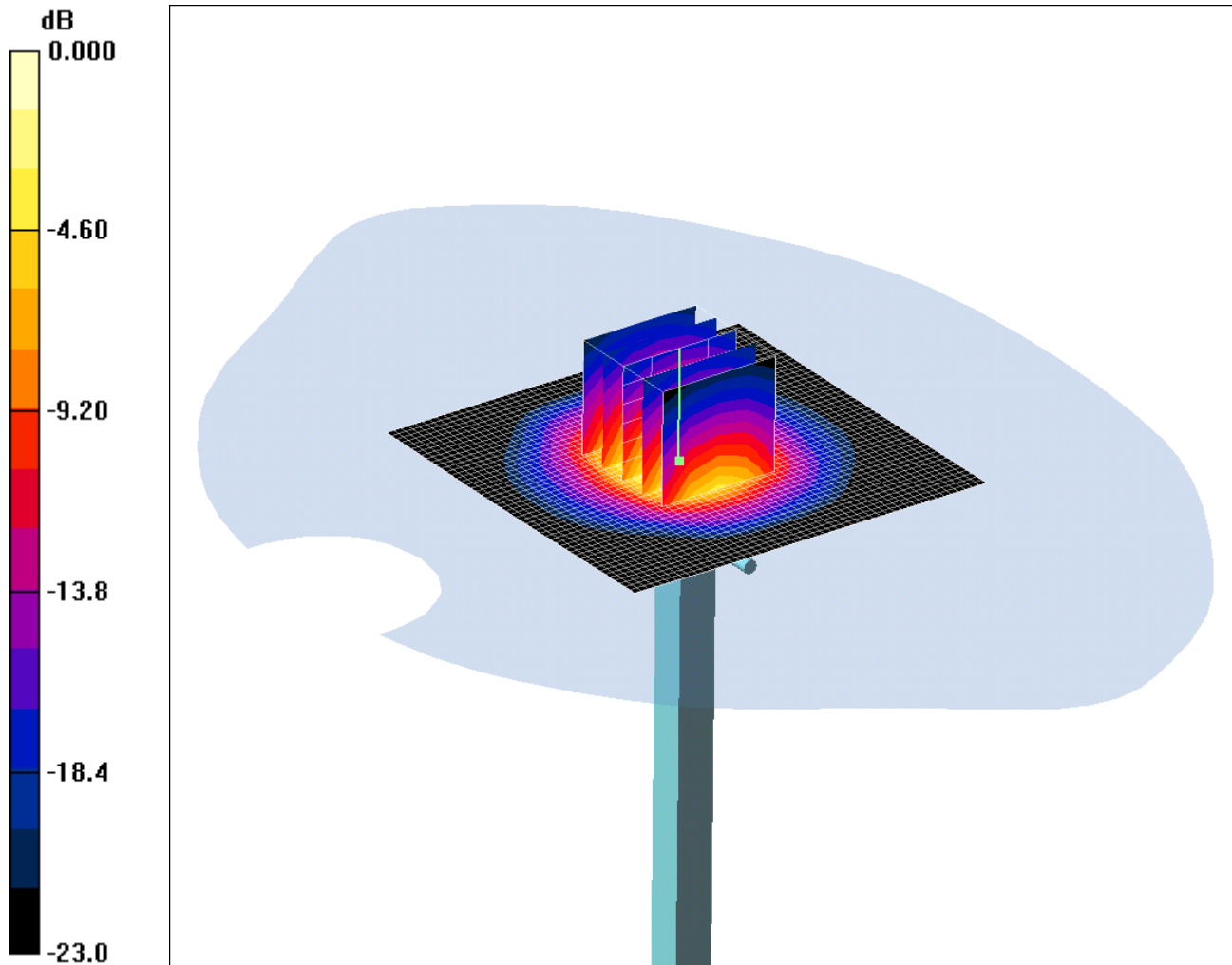
**SAR(1 g) = 13.2 mW/g; SAR(10 g) = 6 mW/g**

Maximum value of SAR (measured) = 14.0 mW/g

SCN/83554JD09/069: System Performance Check 2450MHz Body 15 09 11

Date 15/09/2011

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:725



0 dB = 14.6mW/g

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used:  $f = 2450$  MHz;  $\sigma = 2.04$  mho/m;  $\epsilon_r = 50.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(4.09, 4.09, 4.09); Calibrated: 12/05/2011

- 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) = 19.2 mW/g

**d=10mm, Pin=250mW/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 87.4 V/m; Power Drift = -0.232 dB

Peak SAR (extrapolated) = 33.0 W/kg

**SAR(1 g) = 13.5 mW/g; SAR(10 g) = 6.05 mW/g**

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