

Appendix 3. SAR Distribution Scans

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

Scan Reference Number	Title
SCN/83554JD09/001	Touch Left Antenna Retracted GSM CH189
SCN/83554JD09/002	Touch Left Antenna Extended GSM CH189
SCN/83554JD09/003	Tilt Left Antenna Retracted GSM CH189
SCN/83554JD09/004	Tilt Left Antenna Extended GSM CH189
SCN/83554JD09/005	Touch Right Antenna Retracted GSM CH189
SCN/83554JD09/006	Touch Right Antenna Extended GSM CH189
SCN/83554JD09/007	Tilt Right Antenna Retracted GSM CH189
SCN/83554JD09/008	Tilt Right Antenna Extended GSM CH189
SCN/83554JD09/009	Touch Right Antenna Retracted GPRS CH189
SCN/83554JD09/010	Front of EUT facing Phantom Antenna Retracted Hotspot Mode GPRS CH189
SCN/83554JD09/011	Front of EUT facing Phantom Antenna Extended Hotspot Mode GPRS CH189
SCN/83554JD09/012	Rear of EUT facing Phantom Antenna Retracted Hotspot Mode GPRS CH189
SCN/83554JD09/013	Rear of EUT facing Phantom Antenna Extended Hotspot Mode GPRS CH189
SCN/83554JD09/014	Left Hand Side of EUT facing Phantom Antenna Retracted Hotspot Mode GPRS CH189
SCN/83554JD09/015	Left Hand Side of EUT facing Phantom Antenna Extended Hotspot Mode GPRS CH189
SCN/83554JD09/016	Right Hand Side of EUT facing Phantom Antenna Retracted Hotspot Mode GPRS CH189
SCN/83554JD09/017	Base of EUT facing Phantom Antenna Retracted Hotspot Mode GPRS CH189
SCN/83554JD09/018	Rear of EUT facing Phantom Antenna Retracted Hotspot Mode GSM CH189
SCN/83554JD09/019	Rear of EUT facing Phantom Antenna Retracted Hotspot Mode EGPRS CH189
SCN/83554JD09/020	Rear of EUT facing Phantom Antenna Retracted With PHF Hotspot Mode EGPRS CH189
SCN/83554JD09/021	Touch Left Antenna Retracted PCS CH660
SCN/83554JD09/022	Touch Left Antenna Extended PCS CH660
SCN/83554JD09/023	Tilt Left Antenna Retracted PCS CH660
SCN/83554JD09/024	Tilt Left Antenna Extended PCS CH660

SAR Distribution Scans (continued)

Scan Reference Number	Title
SCN/83554JD09/025	Touch Right Antenna Retracted PCS CH660
SCN/83554JD09/026	Touch Right Antenna Extended PCS CH660
SCN/83554JD09/027	Tilt Right Antenna Retracted PCS CH660
SCN/83554JD09/028	Tilt Right Antenna Extended PCS CH660
SCN/83554JD09/029	Touch Right Antenna Retracted GPRS CH660
SCN/83554JD09/030	Front of EUT facing Phantom Antenna Retracted Hotspot Mode GPRS CH660
SCN/83554JD09/031	Front of EUT facing Phantom Antenna Extended Hotspot Mode GPRS CH660
SCN/83554JD09/032	Rear of EUT facing Phantom Antenna Retracted Hotspot Mode GPRS CH660
SCN/83554JD09/033	Rear of EUT facing Phantom Antenna Extended Hotspot Mode GPRS CH660
SCN/83554JD09/034	Left Hand Side of EUT facing Phantom Antenna Retracted Hotspot Mode GPRS CH660
SCN/83554JD09/035	Left Hand Side of EUT facing Phantom Antenna Extended Hotspot Mode GPRS CH660
SCN/83554JD09/036	Right Hand Side of EUT facing Phantom Antenna Retracted Hotspot Mode GPRS CH660
SCN/83554JD09/037	Base of EUT facing Phantom Antenna Retracted Hotspot Mode GPRS CH660
SCN/83554JD09/038	Front of EUT facing Phantom Antenna Retracted Hotspot Mode EGPRS CH660
SCN/83554JD09/039	Front of EUT facing Phantom Antenna Retracted Hotspot Mode PCS CH660
SCN/83554JD09/040	Front of EUT facing Phantom Antenna Retracted with PHF Hotspot Mode GPRS CH660
SCN/83554JD09/041	Touch Left Antenna Retracted WLAN 802.11b 1Mbps CH6
SCN/83554JD09/042	Touch Left Antenna Extended WLAN 802.11b 1Mbps CH6
SCN/83554JD09/043	Tilt Left Antenna Retracted WLAN 802.11b 1Mbps CH6
SCN/83554JD09/044	Tilt Left Antenna Extended WLAN 802.11b 1Mbps CH6
SCN/83554JD09/045	Touch Right Antenna Retracted WLAN 802.11b 1Mbps CH6
SCN/83554JD09/046	Touch Right Antenna Extended WLAN 802.11b 1Mbps CH6
SCN/83554JD09/047	Tilt Right Antenna Retracted WLAN 802.11b 1Mbps CH6
SCN/83554JD09/048	Tilt Right Antenna Extended WLAN 802.11b 1Mbps CH6
SCN/83554JD09/049	Touch Right Antenna Retracted WLAN 802.11g 6Mbps CH6
SCN/83554JD09/050	Touch Right Antenna Retracted WLAN 802.11n 6.5Mbps CH6

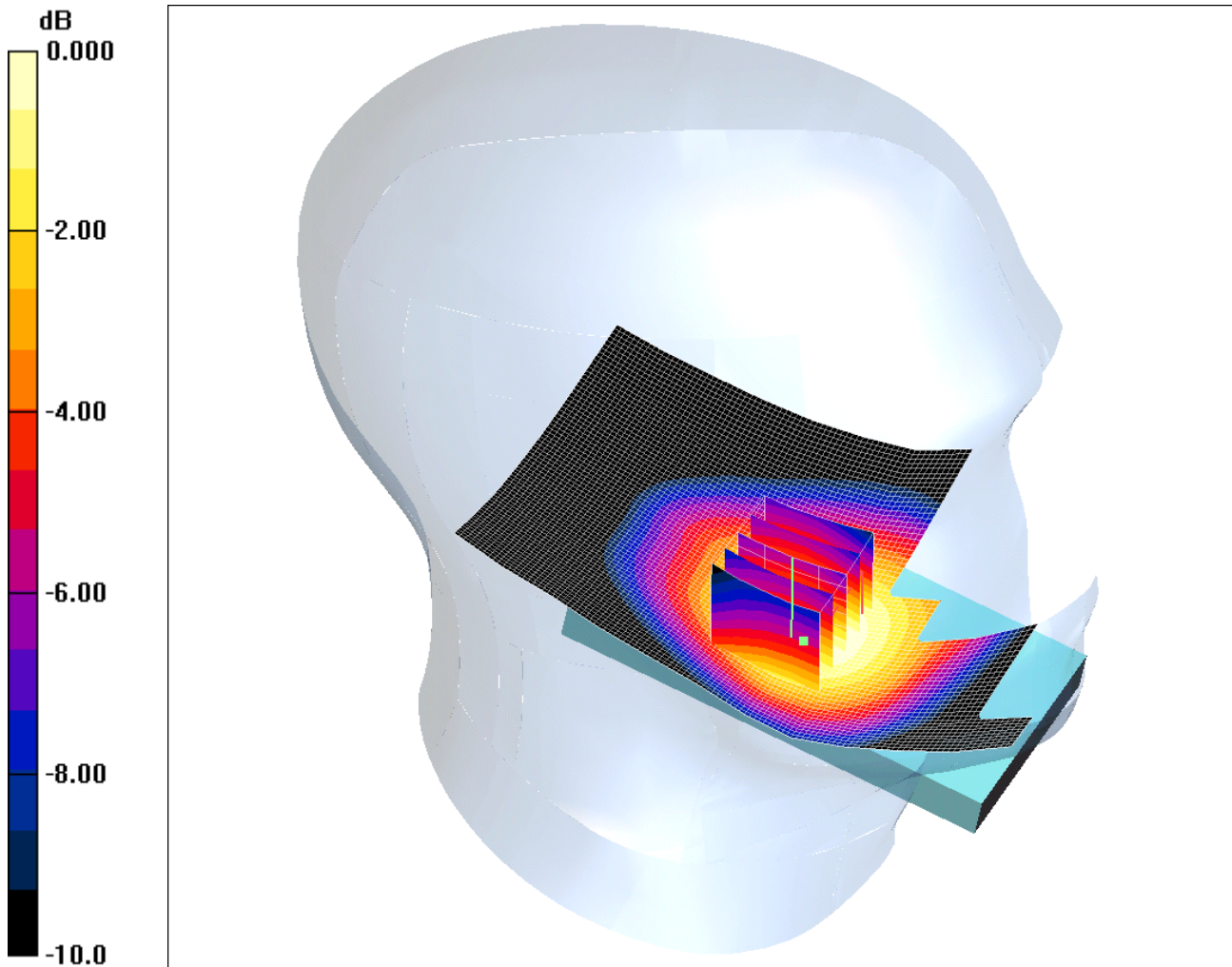
SAR Distribution Scans (continued)

Scan Reference Number	Title
SCN/83554JD09/051	Front of EUT Facing Phantom Antenna Retracted Hotspot Mode WLAN 802.11b 1Mbps CH6
SCN/83554JD09/052	Front of EUT Facing Phantom Antenna Extended Hotspot Mode WLAN 802.11b 1Mbps CH6
SCN/83554JD09/053	Rear of EUT Facing Phantom Antenna Retracted Hotspot Mode WLAN 802.11b 1Mbps CH6
SCN/83554JD09/054	Rear of EUT Facing Phantom Antenna Extended Hotspot Mode WLAN 802.11b 1Mbps CH6
SCN/83554JD09/055	Left Hand Side of EUT Facing Phantom Antenna Retracted Hotspot Mode WLAN 802.11b 1Mbps CH6
SCN/83554JD09/056	Left Hand Side of EUT Facing Phantom Antenna Extended Hotspot Mode WLAN 802.11b 1Mbps CH6
SCN/83554JD09/057	Right Hand Side of EUT Facing Phantom Antenna Retracted Hotspot Mode WLAN 802.11b 1Mbps CH6
SCN/83554JD09/058	Top of EUT Facing Phantom Antenna Retracted Hotspot Mode WLAN 802.11b 1Mbps CH6
SCN/83554JD09/059	Top of EUT Facing Phantom Antenna Retracted Hotspot Mode WLAN 802.11g 6Mbps CH6
SCN/83554JD09/060	Top of EUT Facing Phantom Antenna Retracted Hotspot Mode WLAN 802.11n 6.5Mbps CH6
SCN/83554JD09/061	Top of EUT Facing Phantom Antenna Retracted with PHF Hotspot Mode WLAN 802.11b 1Mbps CH6
SCN/83554JD09/062	System Performance Check 900MHz Head 02 09 11
SCN/83554JD09/063	System Performance Check 900MHz Body 06 09 11
SCN/83554JD09/064	System Performance Check 1900MHz Head 07 09 11
SCN/83554JD09/065	System Performance Check 1900MHz Body 08 09 11
SCN/83554JD09/066	System Performance Check 2450MHz Head 13 09 11
SCN/83554JD09/067	System Performance Check 2450MHz Head 14 09 11
SCN/83554JD09/068	System Performance Check 2450MHz Body 14 09 11
SCN/83554JD09/069	System Performance Check 2450MHz Body 15 09 11

SCN/83554JD09/001: Touch Left Antenna Retracted GSM CH189

Date 02/09/2011

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



0 dB = 0.339mW/g

Communication System: 850 MHz; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ kg/m³

Phantom section: Left 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

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

Maximum value of SAR (interpolated) = 0.352 mW/g

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

Reference Value = 5.78 V/m; Power Drift = 0.154 dB

Peak SAR (extrapolated) = 0.387 W/kg

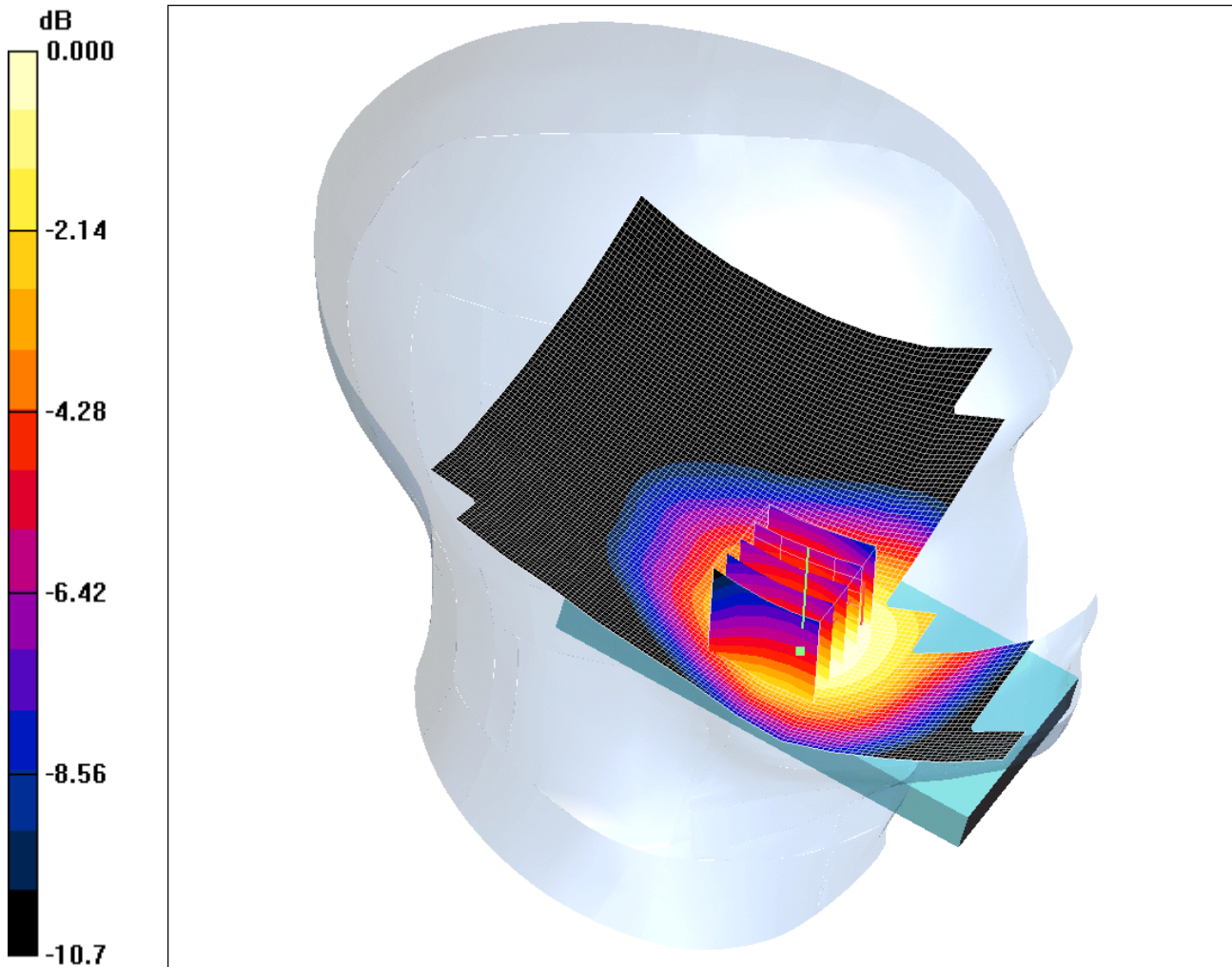
SAR(1 g) = 0.327 mW/g; SAR(10 g) = 0.250 mW/g

Maximum value of SAR (measured) = 0.339 mW/g

SCN/83554JD09/002: Touch Left Antenna Extended GSM CH189

Date 02/09/2011

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



0 dB = 0.313mW/g

Communication System: 850 MHz; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ kg/m³

Phantom section: Left 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

Touch Left Antenna Extended - Middle/Area Scan (91x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.328 mW/g

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

Reference Value = 5.77 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 0.350 W/kg

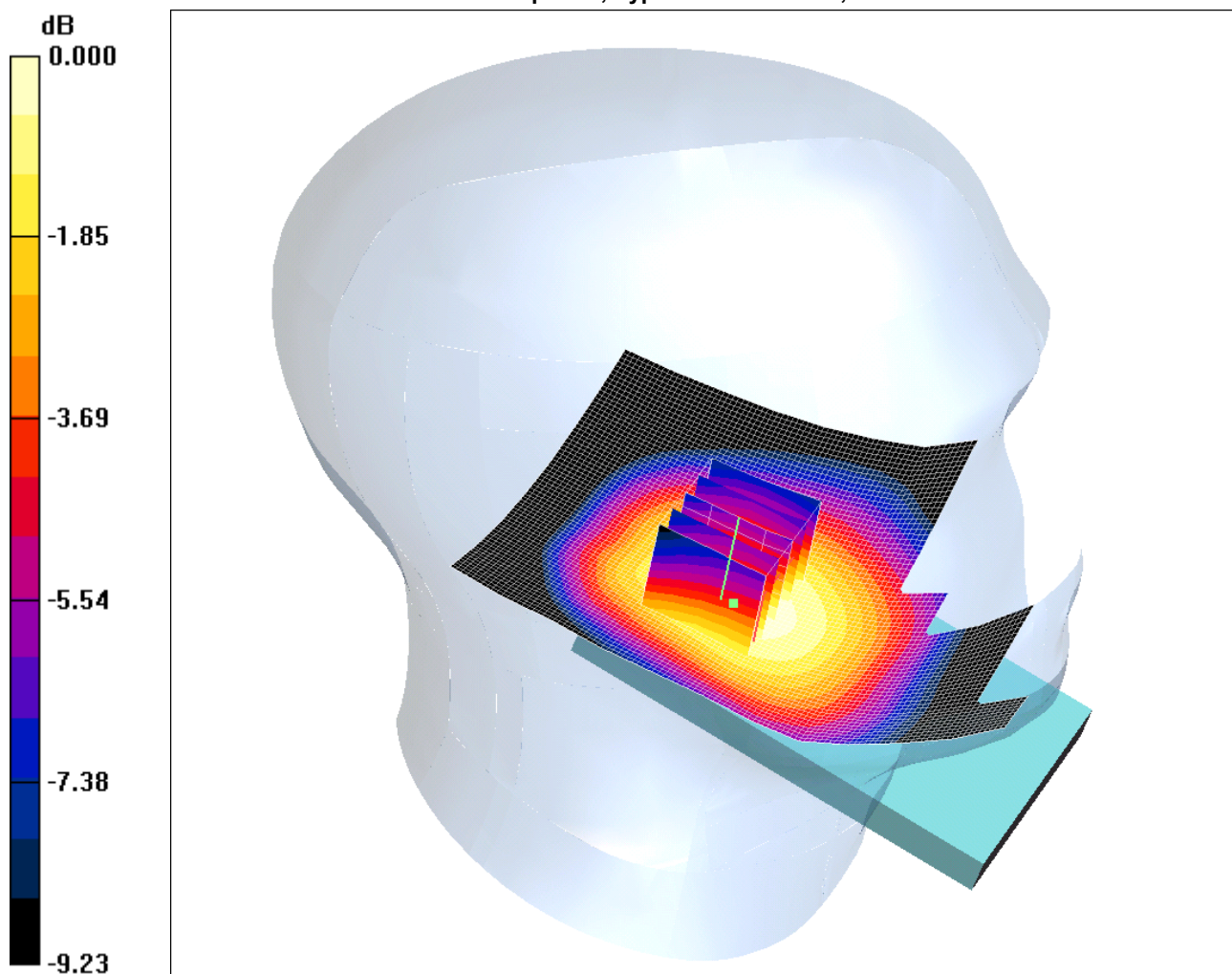
SAR(1 g) = 0.301 mW/g; SAR(10 g) = 0.230 mW/g

Maximum value of SAR (measured) = 0.313 mW/g

SCN/83554JD09/003: Tilt Left Antenna Retracted GSM CH189

Date 02/09/2011

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



0 dB = 0.214mW/g

Communication System: 850 MHz; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ kg/m³

Phantom section: Left 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

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

Maximum value of SAR (interpolated) = 0.212 mW/g

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

Reference Value = 10.5 V/m; Power Drift = -0.080 dB

Peak SAR (extrapolated) = 0.241 W/kg

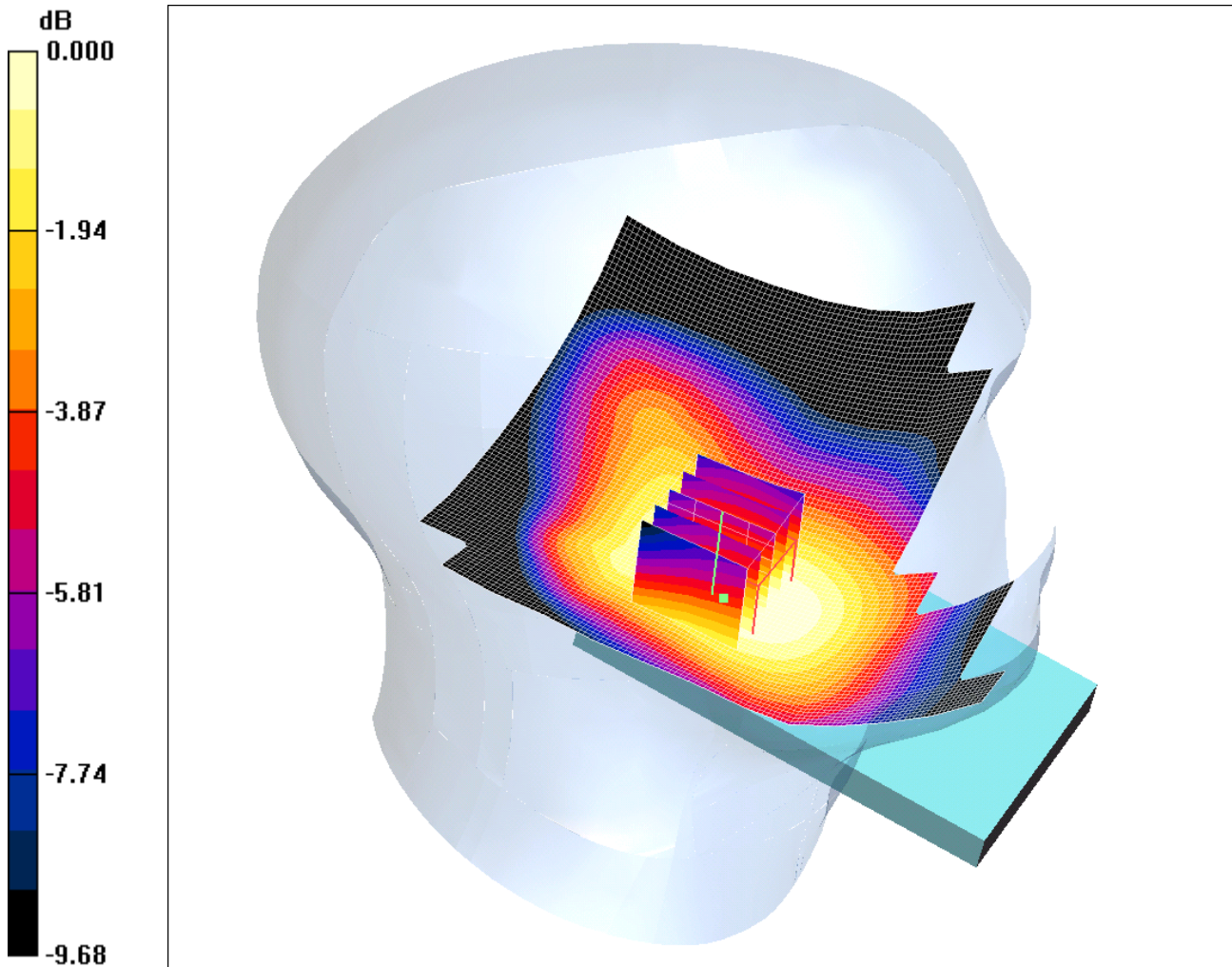
SAR(1 g) = 0.202 mW/g; SAR(10 g) = 0.155 mW/g

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

SCN/83554JD09/004: Tilt Left Antenna Extended GSM CH189

Date 02/09/2011

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



0 dB = 0.139mW/g

Communication System: 850 MHz; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ kg/m³

Phantom section: Left 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

Tilt Left Antenna Extended - Middle/Area Scan (91x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.142 mW/g

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

Reference Value = 10.6 V/m; Power Drift = -0.017 dB

Peak SAR (extrapolated) = 0.158 W/kg

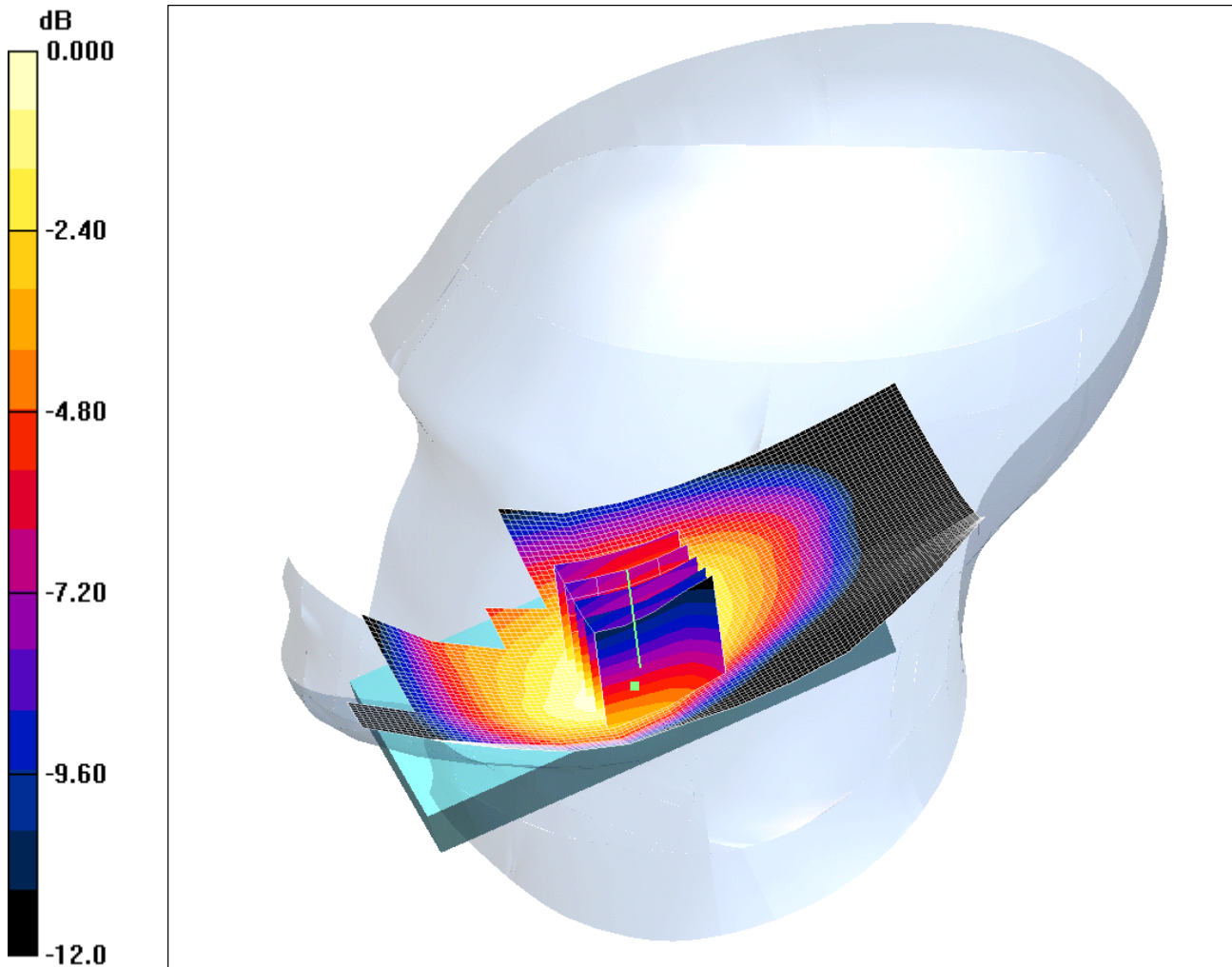
SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.104 mW/g

Maximum value of SAR (measured) = 0.139 mW/g

SCN/83554JD09/005: Touch Right Antenna Retracted GSM CH189

Date 02/09/2011

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



0 dB = 0.353mW/g

Communication System: 850 MHz; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ kg/m³

Phantom section: Right 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

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

Maximum value of SAR (interpolated) = 0.357 mW/g

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

Reference Value = 5.80 V/m; Power Drift = -0.150 dB

Peak SAR (extrapolated) = 0.428 W/kg

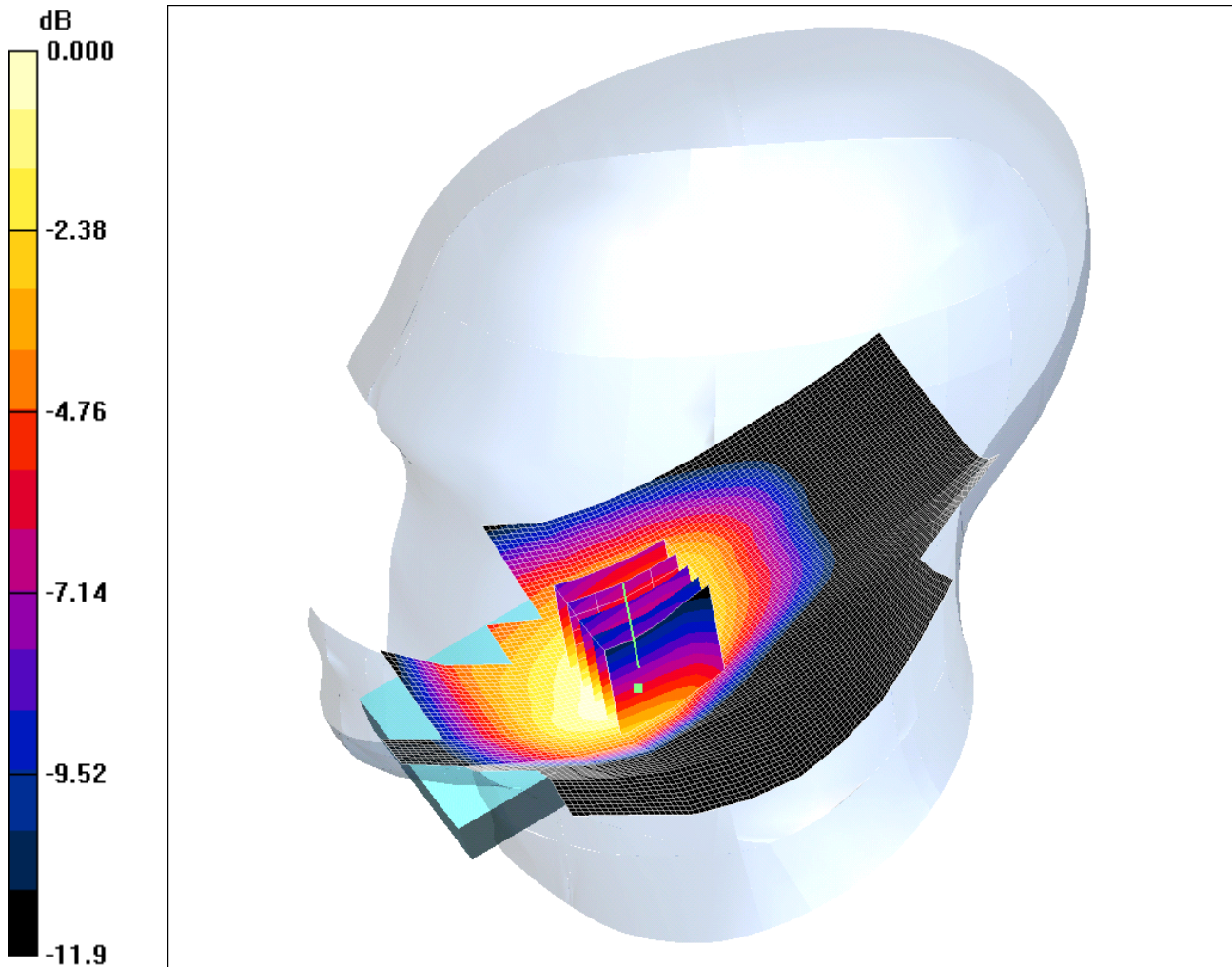
SAR(1 g) = 0.334 mW/g; SAR(10 g) = 0.240 mW/g

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

SCN/83554JD09/006: Touch Right Antenna Extended GSM CH189

Date 02/09/2011

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



0 dB = 0.333mW/g

Communication System: 850 MHz; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ kg/m³

Phantom section: Right 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

Touch Right Antenna Extended - Middle/Area Scan (91x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.347 mW/g

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

Reference Value = 5.08 V/m; Power Drift = -0.110 dB

Peak SAR (extrapolated) = 0.413 W/kg

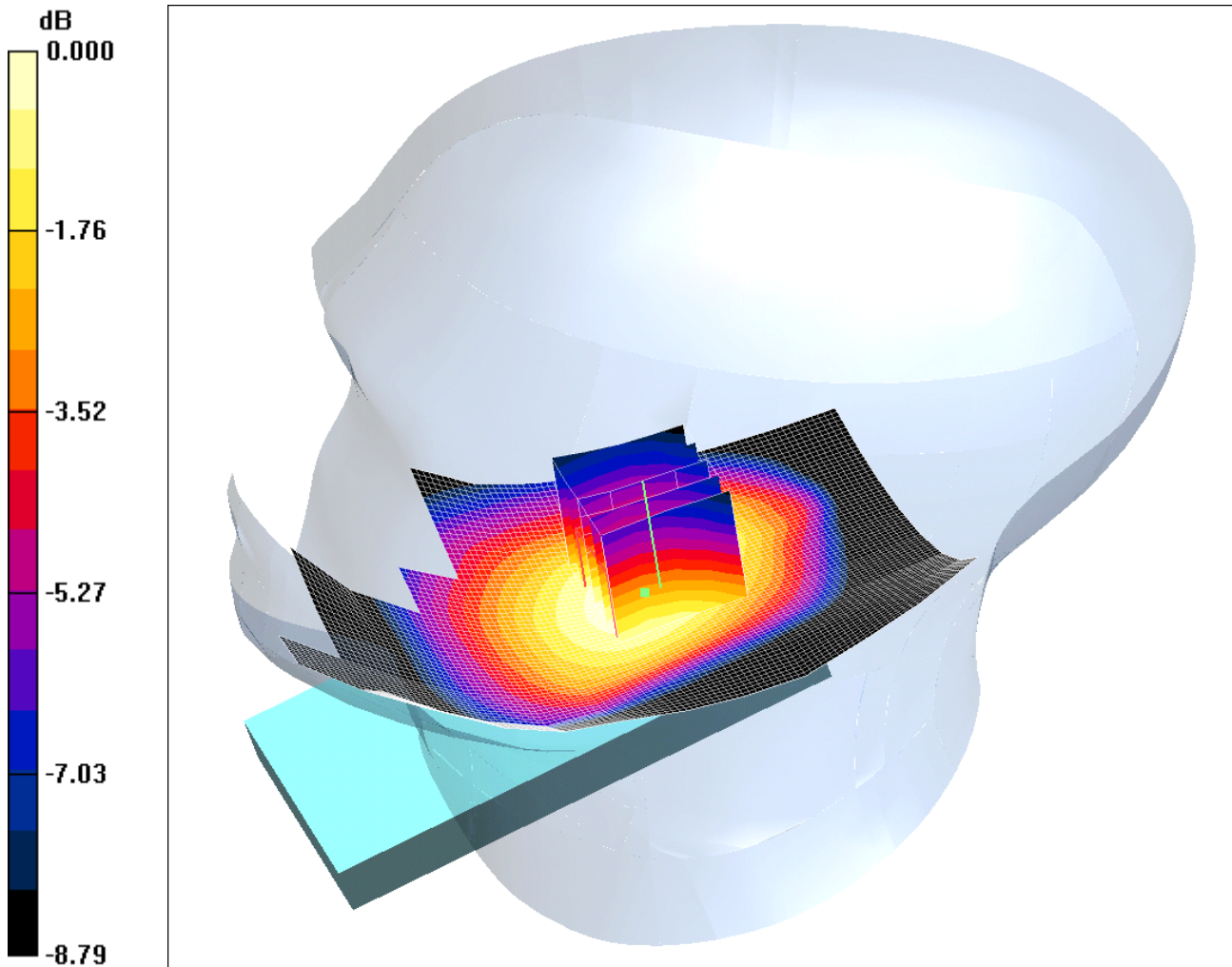
SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.227 mW/g

Maximum value of SAR (measured) = 0.333 mW/g

SCN/83554JD09/007: Tilt Right Antenna Retracted GSM CH189

Date 02/09/2011

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



0 dB = 0.224mW/g

Communication System: 850 MHz; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ kg/m³

Phantom section: Right 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

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

Maximum value of SAR (interpolated) = 0.226 mW/g

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

Reference Value = 10.5 V/m; Power Drift = 0.147 dB

Peak SAR (extrapolated) = 0.245 W/kg

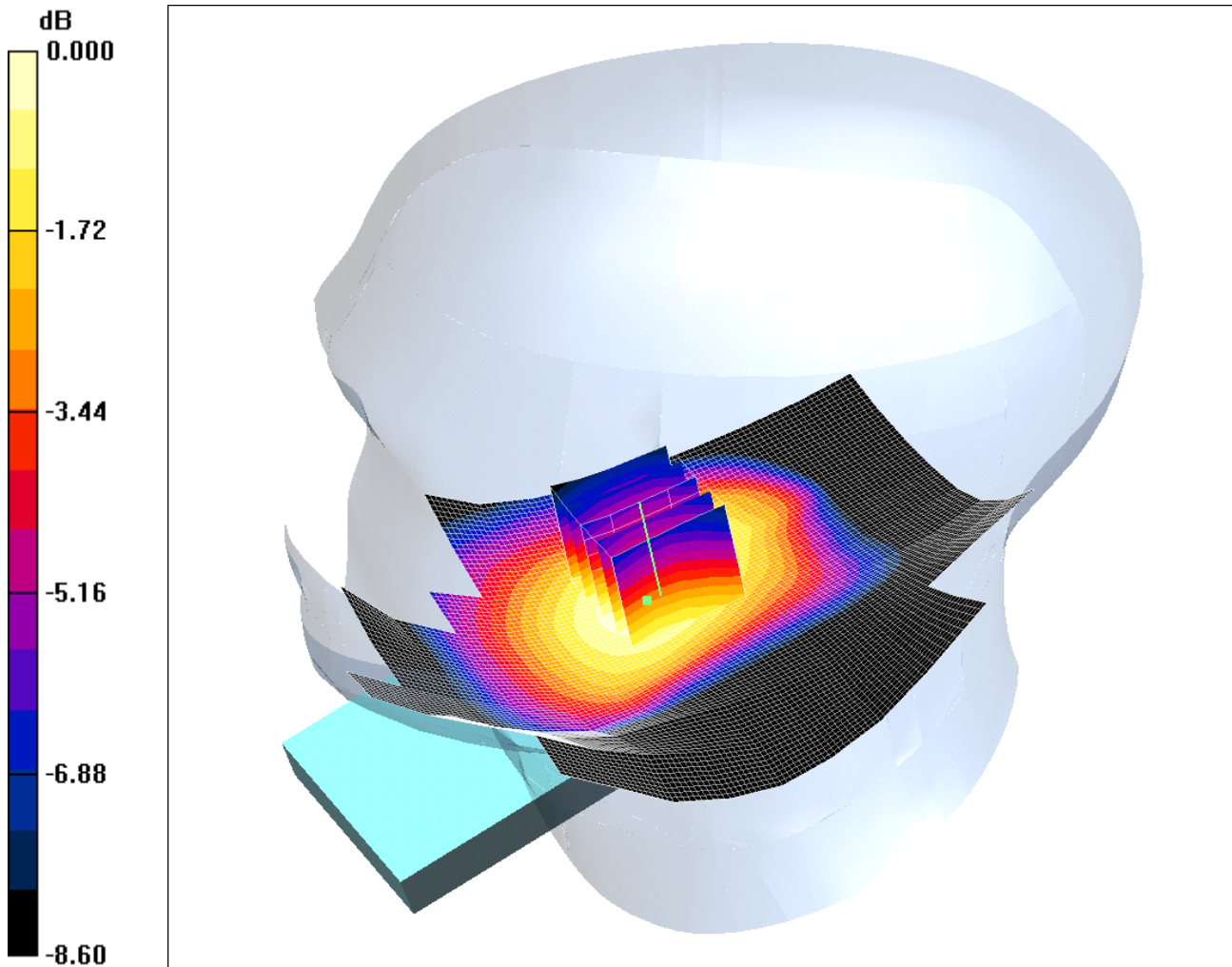
SAR(1 g) = 0.212 mW/g; SAR(10 g) = 0.164 mW/g

Maximum value of SAR (measured) = 0.224 mW/g

SCN/83554JD09/008: Tilt Right Antenna Extended GSM CH189

Date 02/09/2011

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



0 dB = 0.164mW/g

Communication System: 850 MHz; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ kg/m³

Phantom section: Right 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

Tilt Right Antenna Extended - Middle/Area Scan (91x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.163 mW/g

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

Reference Value = 9.93 V/m; Power Drift = -0.042 dB

Peak SAR (extrapolated) = 0.180 W/kg

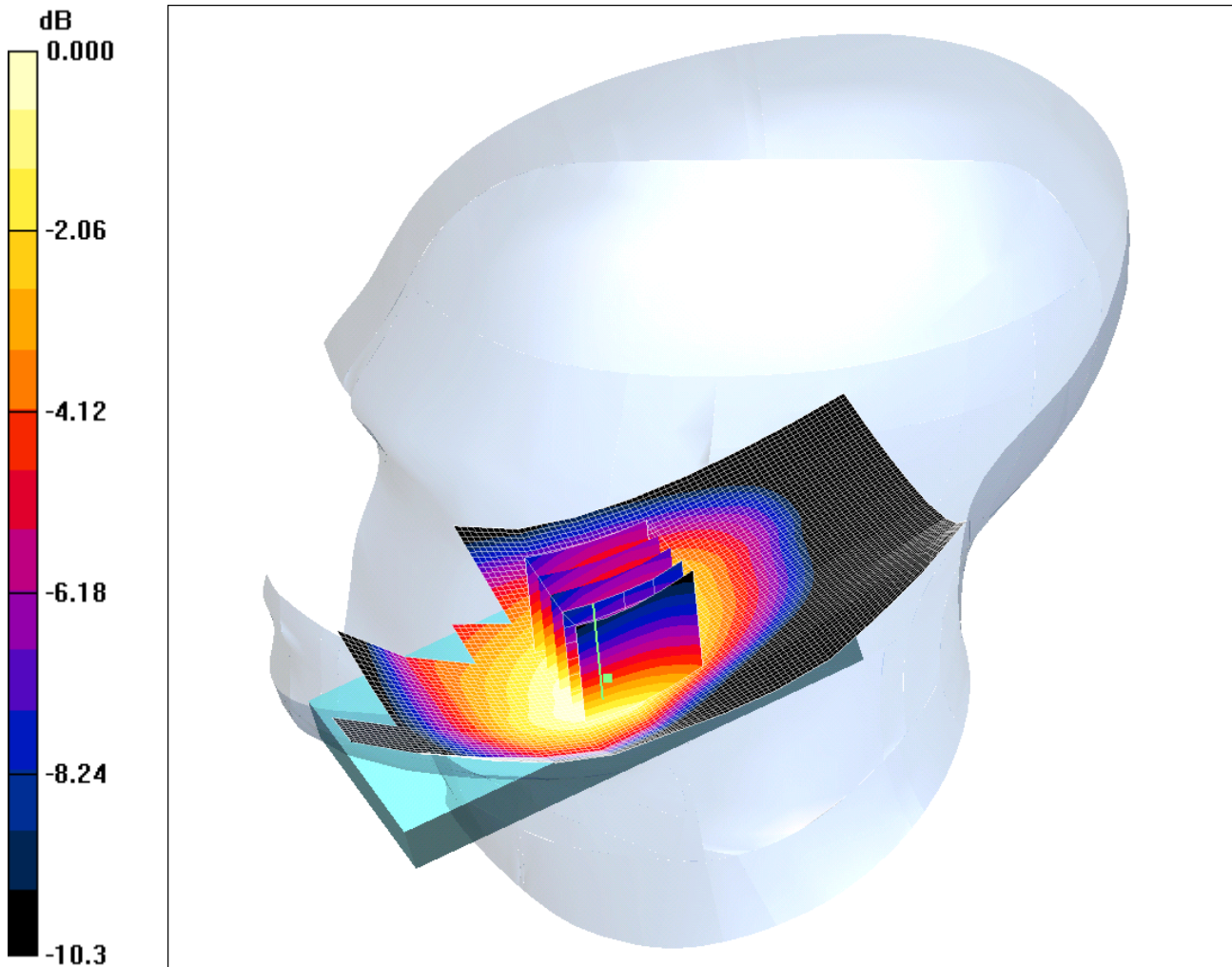
SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.120 mW/g

Maximum value of SAR (measured) = 0.164 mW/g

SCN/83554JD09/009: Touch Right Antenna Retracted GPRS CH189

Date 02/09/2011

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



0 dB = 0.393mW/g

Communication System: GPRS 850 MHz (Class 12); Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ kg/m³

Phantom section: Right 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

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

Maximum value of SAR (interpolated) = 0.405 mW/g

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

Reference Value = 6.43 V/m; Power Drift = -0.180 dB

Peak SAR (extrapolated) = 0.486 W/kg

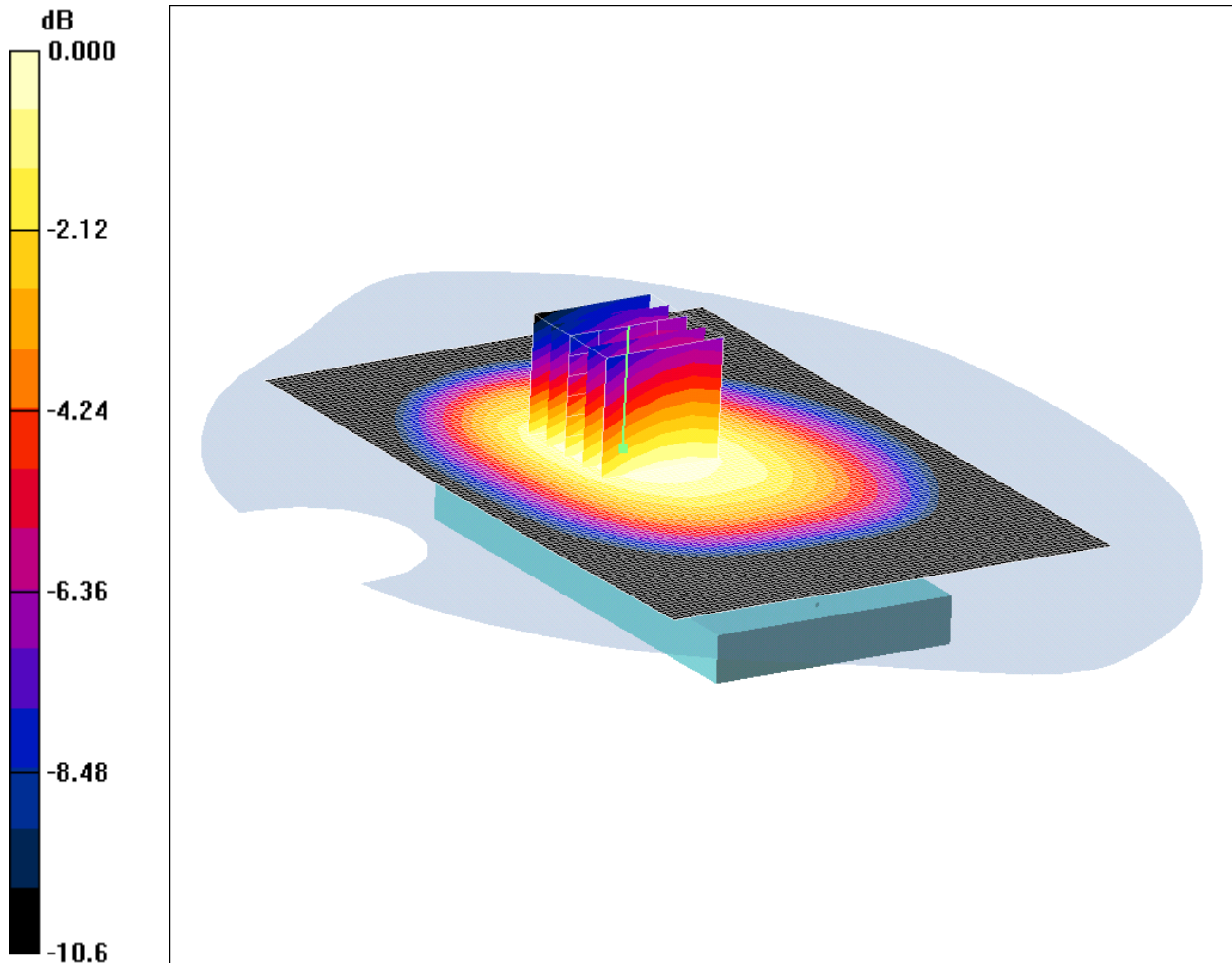
SAR(1 g) = 0.375 mW/g; SAR(10 g) = 0.280 mW/g

Maximum value of SAR (measured) = 0.393 mW/g

SCN/83554JD09/010: Front of EUT facing Phantom Antenna Retracted Hotspot Mode GPRS CH189

Date 06/09/2011

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



0 dB = 0.552mW/g

Communication System: GPRS 850 MHz (Class 12); Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 1.03$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(6.4, 6.4, 6.4); 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) = 0.552 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 = 23.2 V/m; Power Drift = -0.004 dB

Peak SAR (extrapolated) = 0.654 W/kg

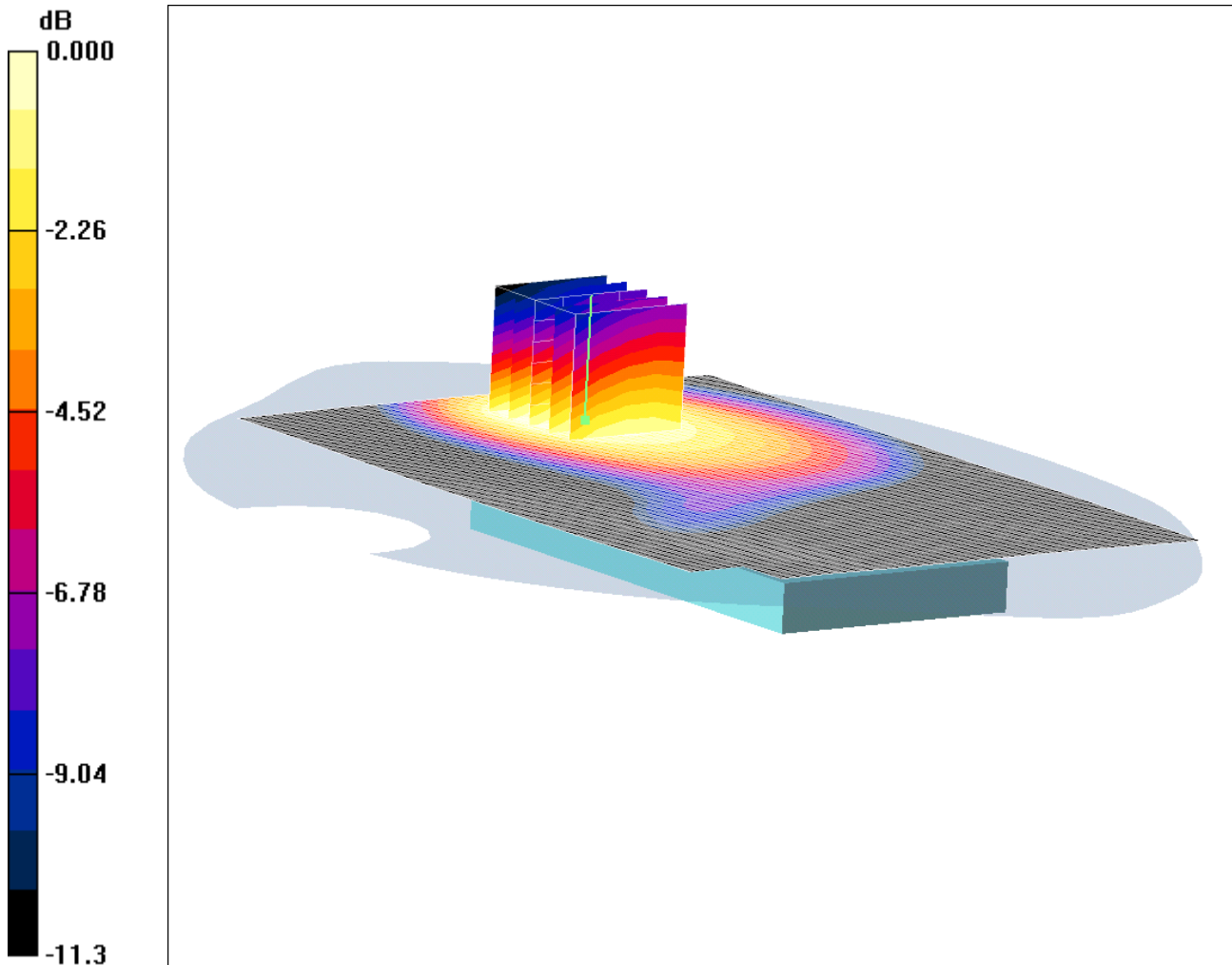
SAR(1 g) = 0.524 mW/g; SAR(10 g) = 0.395 mW/g

Maximum value of SAR (measured) = 0.552 mW/g

SCN/83554JD09/011: Front of EUT facing Phantom Antenna Extended Hotspot Mode GPRS CH189

Date 06/09/2011

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



0 dB = 0.434mW/g

Communication System: GPRS 850 MHz (Class 12); Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 1.03$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(6.4, 6.4, 6.4); 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 Extended - Middle/Area Scan (91x131x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.436 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 = 10.3 V/m; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 0.548 W/kg

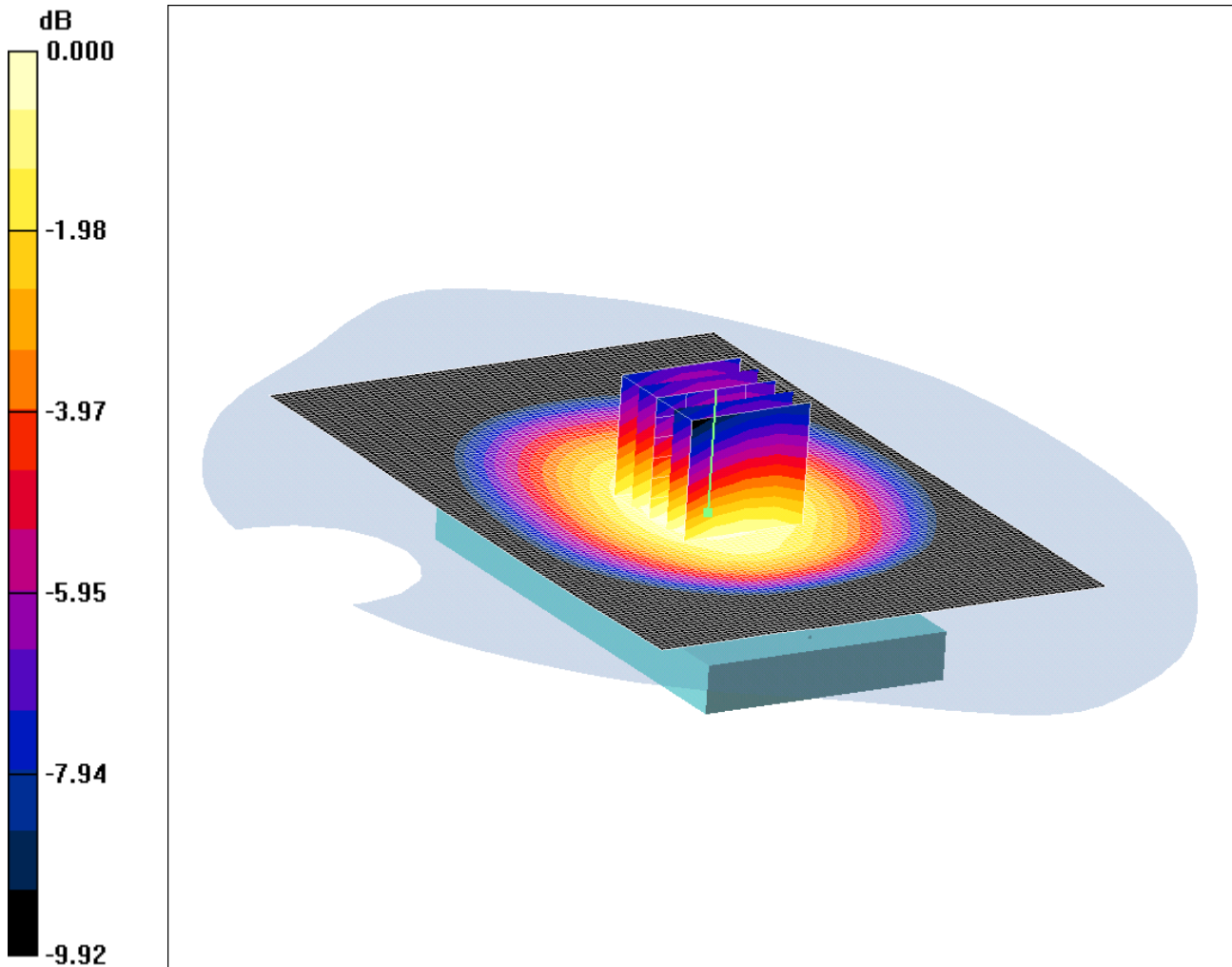
SAR(1 g) = 0.406 mW/g; SAR(10 g) = 0.289 mW/g

Maximum value of SAR (measured) = 0.434 mW/g

SCN/83554JD09/012: Rear of EUT facing Phantom Antenna Retracted Hotspot Mode GPRS CH189

Date 06/09/2011

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



0 dB = 0.636mW/g

Communication System: GPRS 850 MHz (Class 12); Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 1.03$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(6.4, 6.4, 6.4); 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 Retracted - Middle/Area Scan (81x121x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.645 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 = 25.4 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 0.742 W/kg

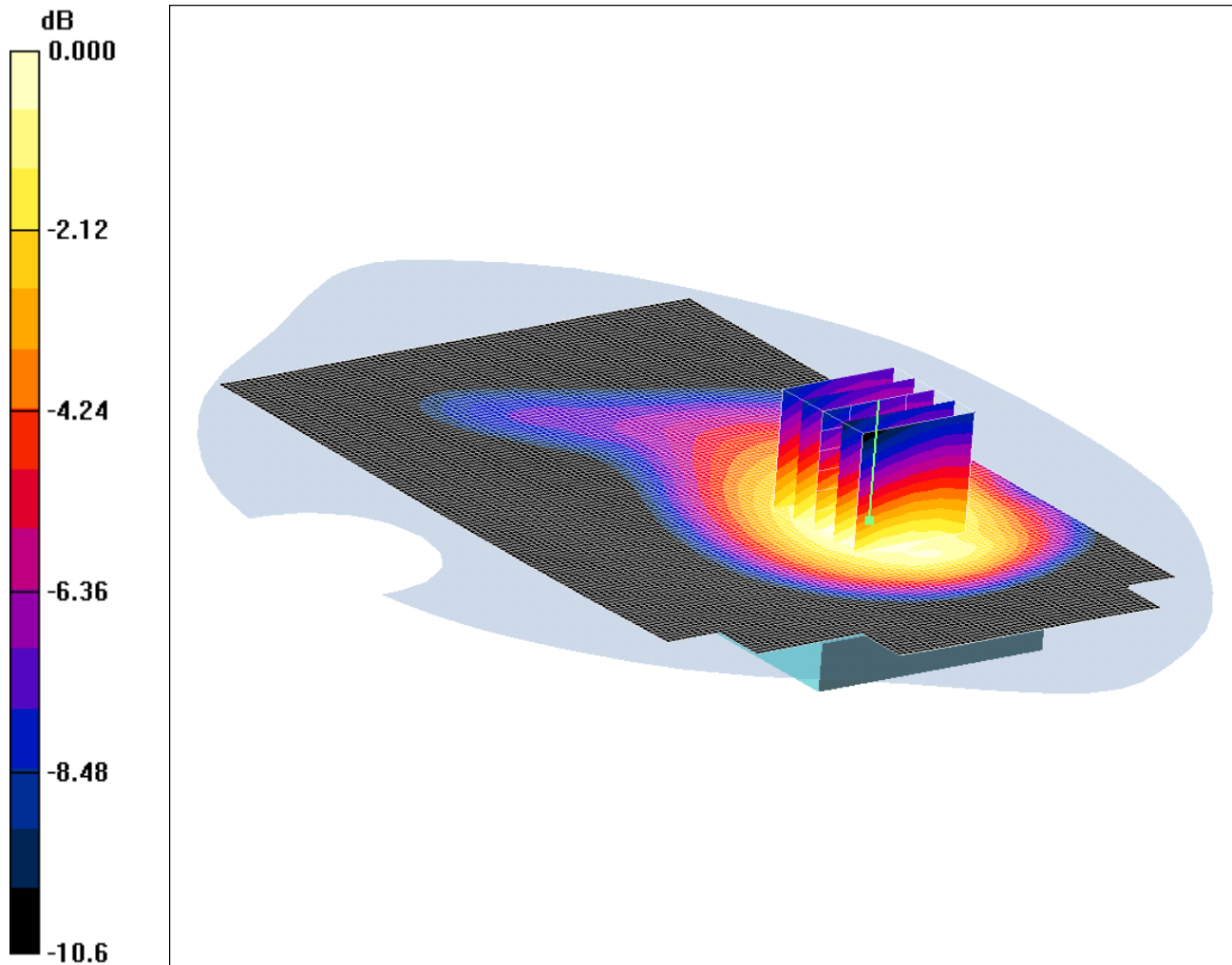
SAR(1 g) = 0.606 mW/g; SAR(10 g) = 0.455 mW/g

Maximum value of SAR (measured) = 0.636 mW/g

SCN/83554JD09/013: Rear of EUT facing Phantom Antenna Extended Hotspot Mode GPRS CH189

Date 06/09/2011

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



0 dB = 0.445mW/g

Communication System: GPRS 850 MHz (Class 12); Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 1.03$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(6.4, 6.4, 6.4); 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 (91x141x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.449 mW/g

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

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

Reference Value = 10.8 V/m; Power Drift = 0.056 dB

Peak SAR (extrapolated) = 0.534 W/kg

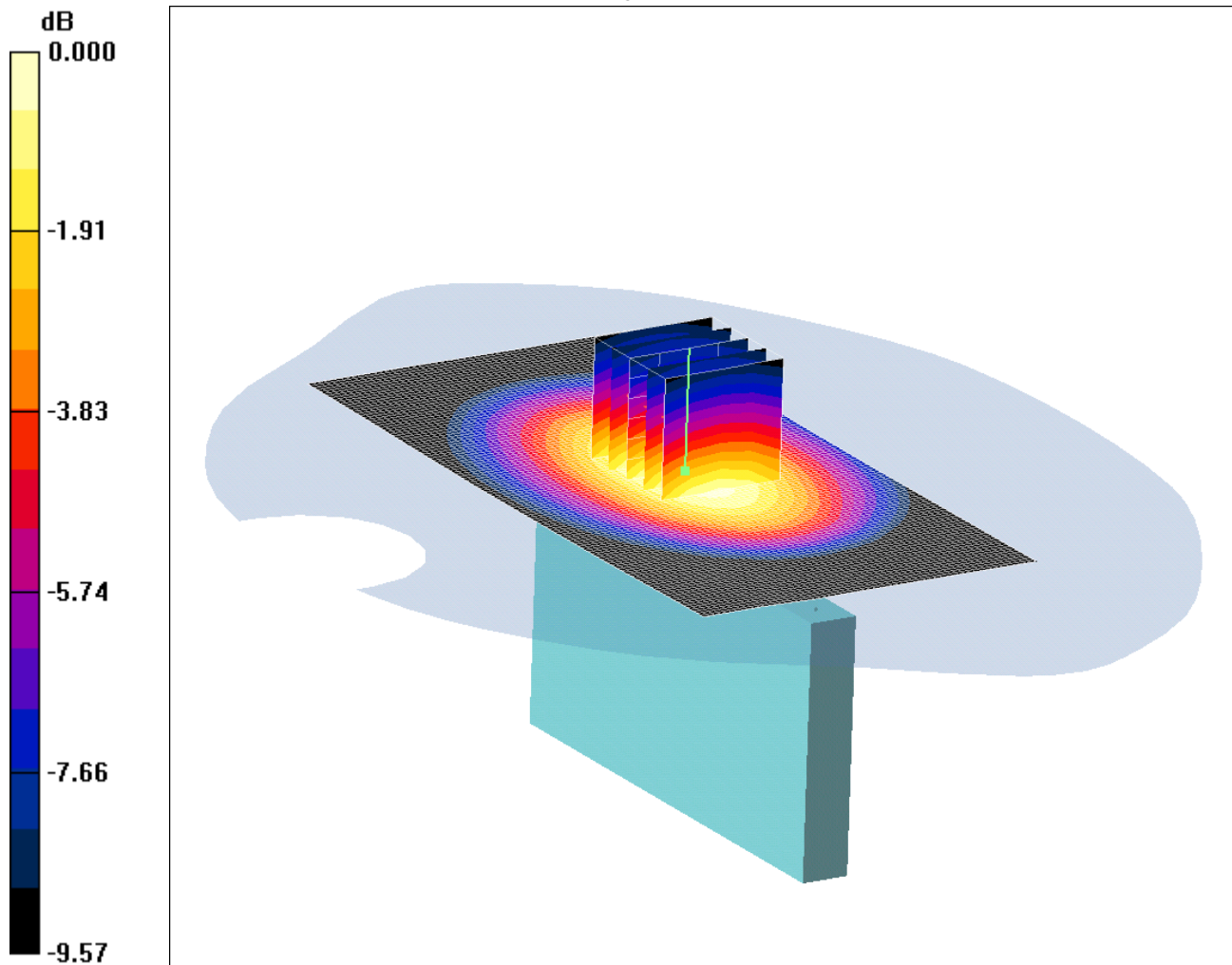
SAR(1 g) = 0.419 mW/g; SAR(10 g) = 0.303 mW/g

Maximum value of SAR (measured) = 0.445 mW/g

SCN/83554JD09/014: Left Hand Side of EUT facing Phantom Antenna Retracted Hotspot Mode GPRS CH189

Date 06/09/2011

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



0 dB = 0.411mW/g

Communication System: GPRS 850 MHz (Class 12); Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 1.03$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(6.4, 6.4, 6.4); 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) = 0.406 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 = 20.8 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 0.511 W/kg

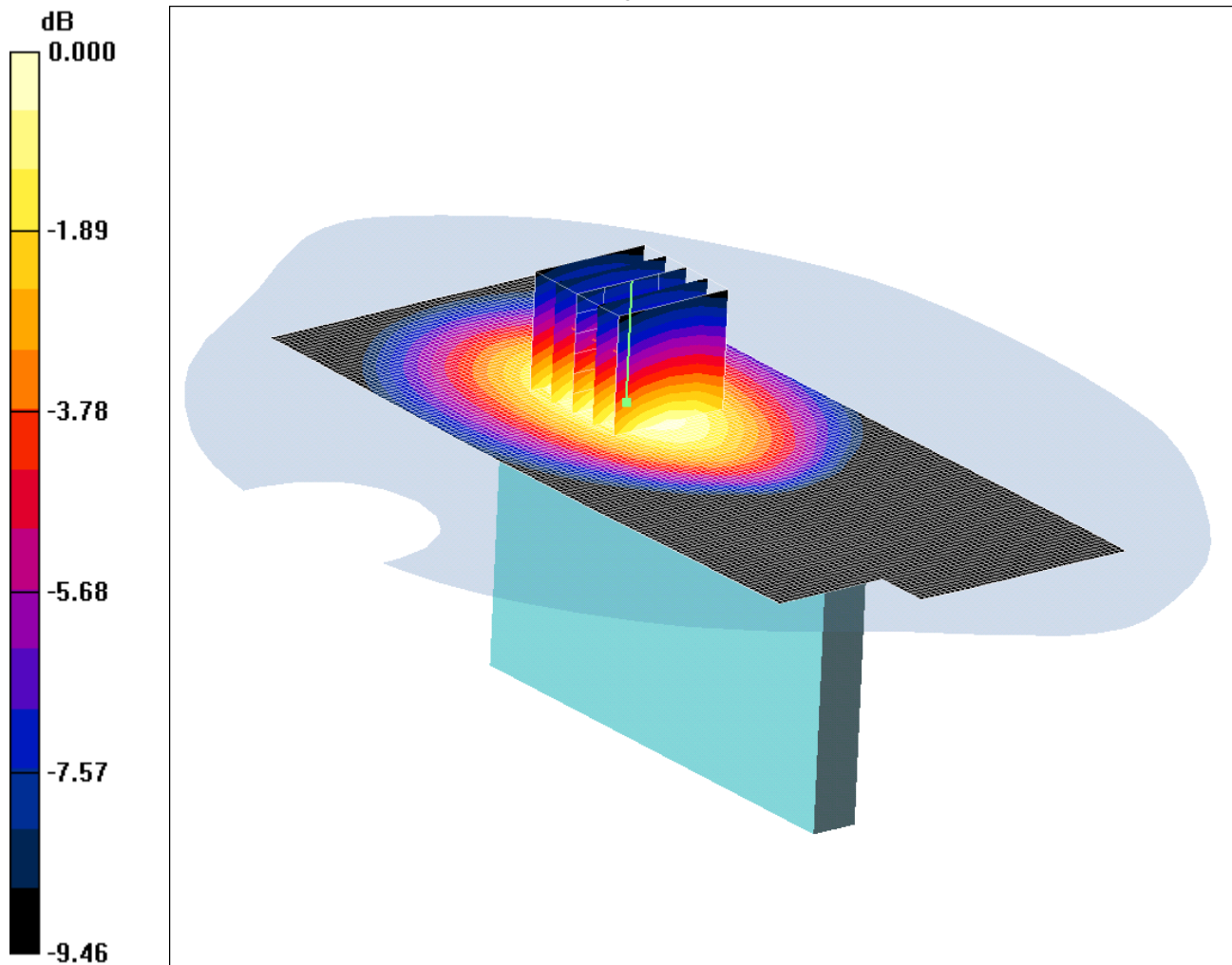
SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.266 mW/g

Maximum value of SAR (measured) = 0.411 mW/g

SCN/83554JD09/015: Left Hand Side of EUT facing Phantom Antenna Extended Hotspot Mode GPRS
CH189

Date 06/09/2011

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



0 dB = 0.210mW/g

Communication System: GPRS 850 MHz (Class 12); Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 1.03$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(6.4, 6.4, 6.4); 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) = 0.209 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 = 14.2 V/m; Power Drift = -0.046 dB

Peak SAR (extrapolated) = 0.260 W/kg

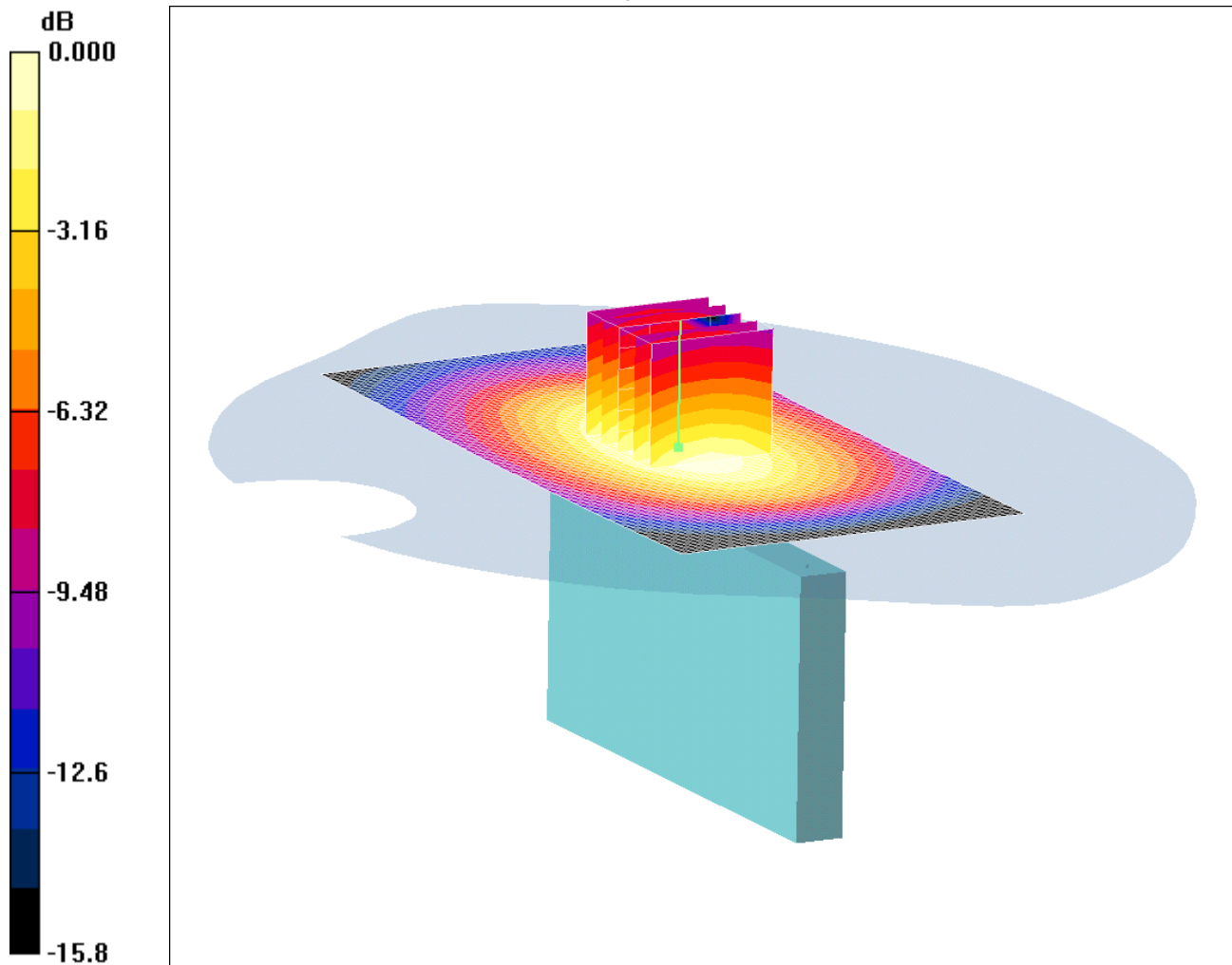
SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.137 mW/g

Maximum value of SAR (measured) = 0.210 mW/g

SCN/83554JD09/016: Right Hand Side of EUT facing Phantom Antenna Retracted Hotspot Mode GPRS CH189

Date 06/09/2011

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



0 dB = 0.311mW/g

Communication System: GPRS 850 MHz (Class 12); Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 1.03$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(6.4, 6.4, 6.4); 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=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.307 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 = 17.8 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 0.397 W/kg

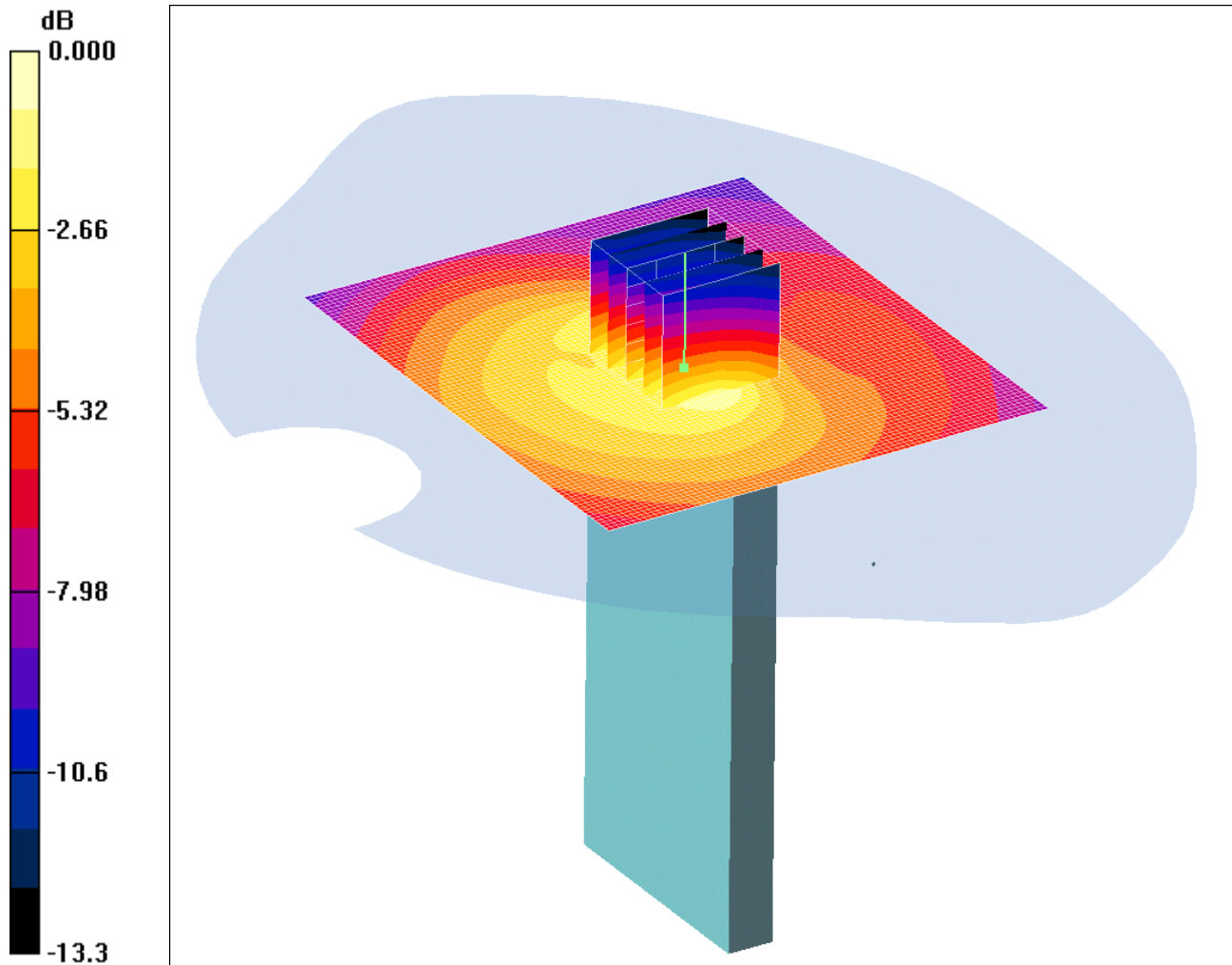
SAR(1 g) = 0.291 mW/g; SAR(10 g) = 0.201 mW/g

Maximum value of SAR (measured) = 0.311 mW/g

SCN/83554JD09/017: Base of EUT facing Phantom Antenna Retracted Hotspot Mode GPRS CH189

Date 06/09/2011

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



0 dB = 0.061mW/g

Communication System: GPRS 850 MHz (Class 12); Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 1.03$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(6.4, 6.4, 6.4); 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) = 0.064 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 = 8.01 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 0.110 W/kg

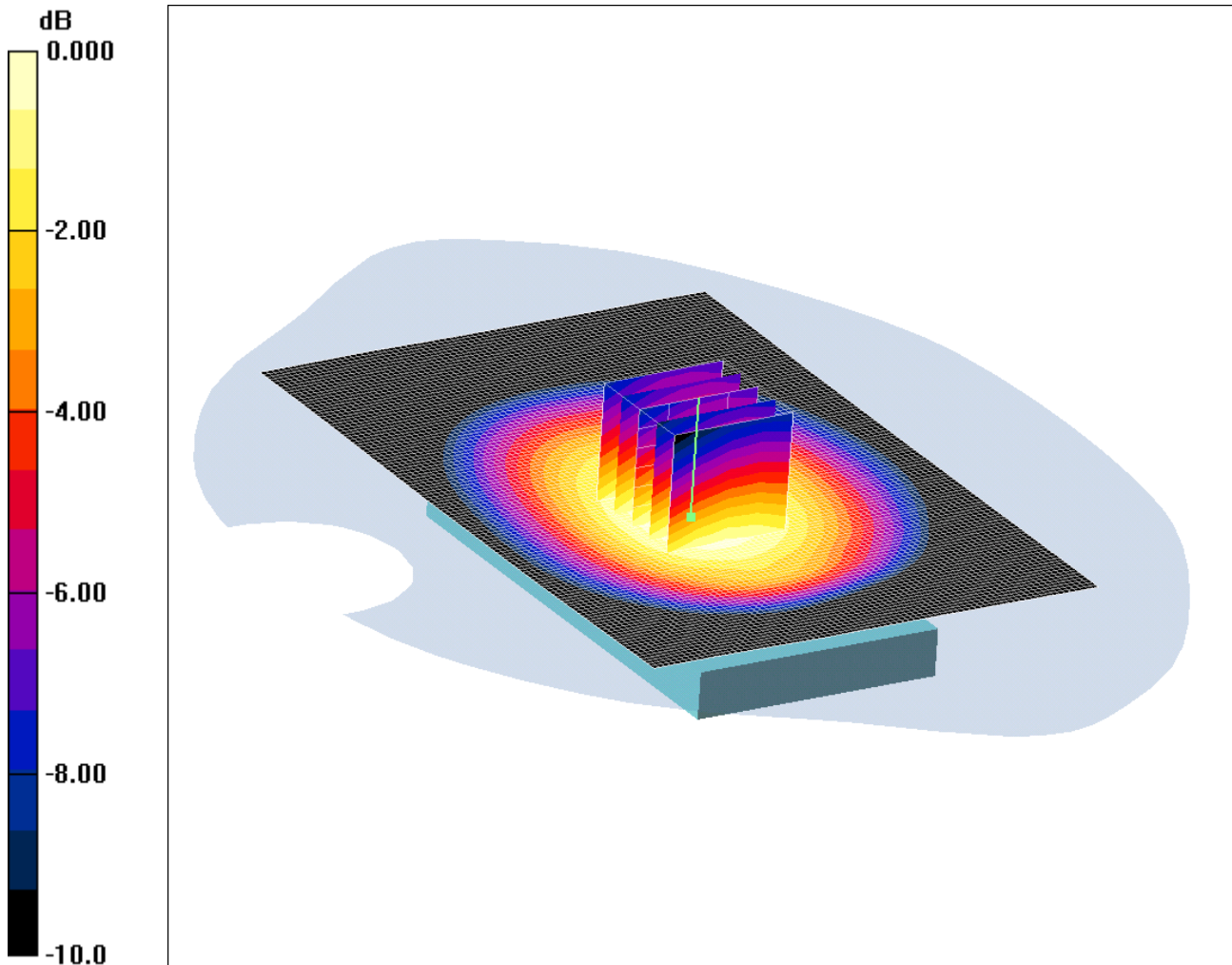
SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.033 mW/g

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

SCN/83554JD09/018: Rear of EUT facing Phantom Antenna Retracted Hotspot Mode GSM CH189

Date 06/09/2011

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



0 dB = 0.584mW/g

Communication System: 850 MHz; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 1.03$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(6.4, 6.4, 6.4); 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 Retracted - Middle/Area Scan (81x121x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.597 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 = 23.9 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 0.673 W/kg

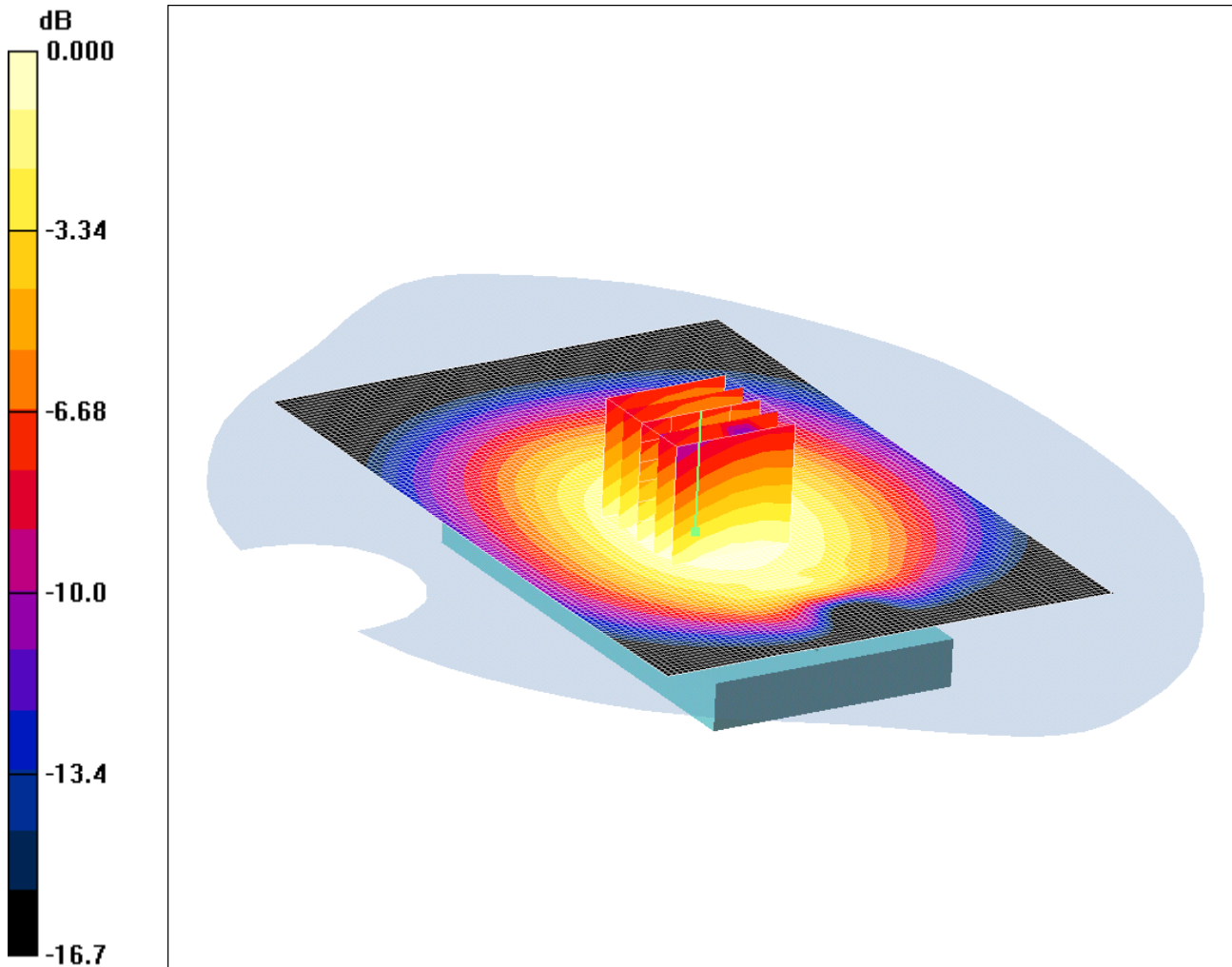
SAR(1 g) = 0.559 mW/g; SAR(10 g) = 0.421 mW/g

Maximum value of SAR (measured) = 0.584 mW/g

SCN/83554JD09/019: Rear of EUT facing Phantom Antenna Retracted Hotspot Mode EGPRS CH189

Date 06/09/2011

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



0 dB = 0.651mW/g

Communication System: EGPRS 850 MHz (Class 12); Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 1.03$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(6.4, 6.4, 6.4); 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 Retracted - Middle/Area Scan (81x121x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.653 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 = 24.9 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 0.761 W/kg

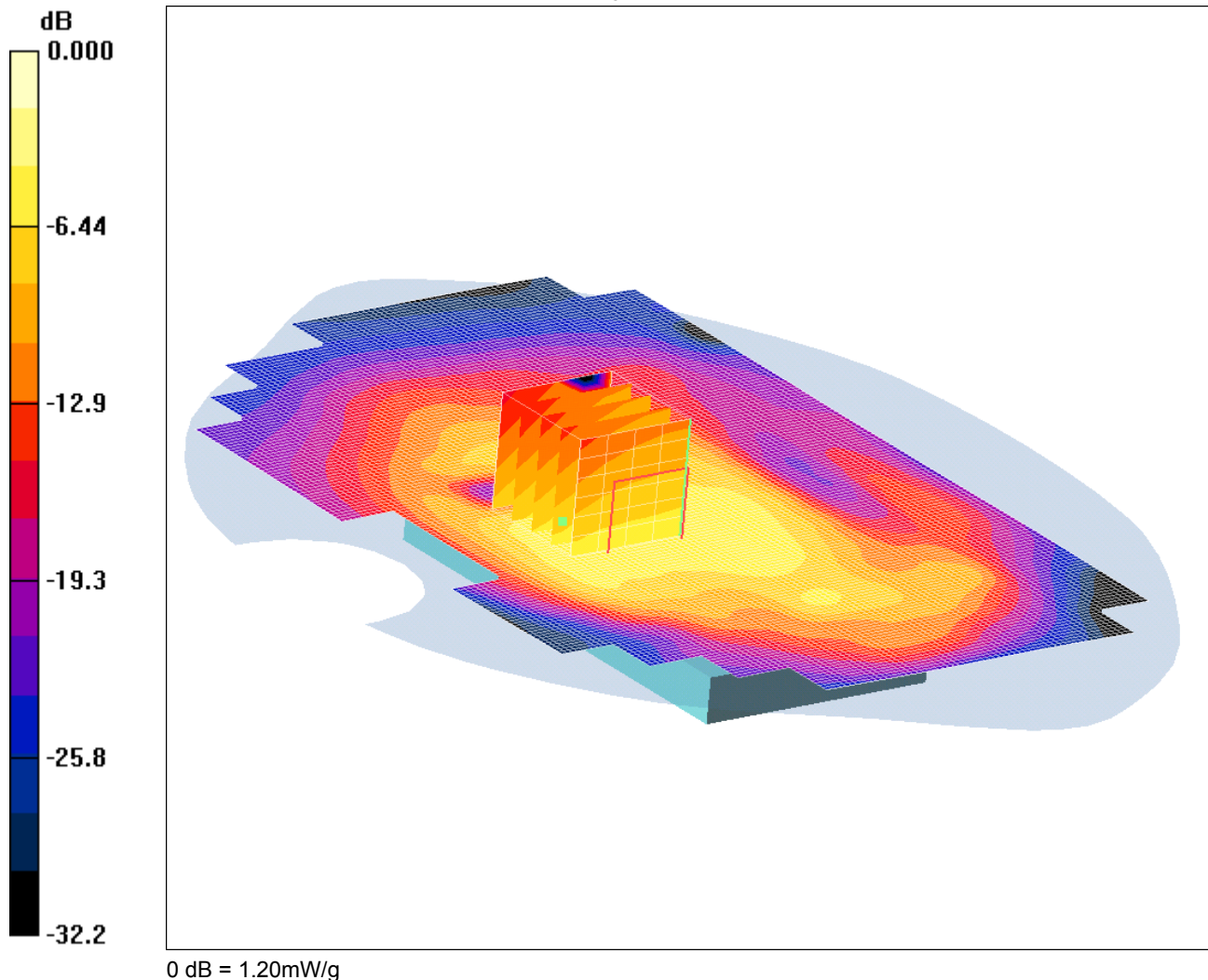
SAR(1 g) = 0.619 mW/g; SAR(10 g) = 0.462 mW/g

Maximum value of SAR (measured) = 0.651 mW/g

SCN/83554JD09/020: Rear of EUT facing Phantom Antenna Retracted With PHF Hotspot Mode EGPRS CH189

Date 06/09/2011

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



Communication System: EGPRS 850 MHz (Class 12); Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 1.03$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1611; ConvF(6.4, 6.4, 6.4); 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 Retracted - Middle/Area Scan (101x161x1): Measurement grid:

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

Maximum value of SAR (interpolated) = 0.421 mW/g

Rear 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 = 18.9 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 0.549 W/kg

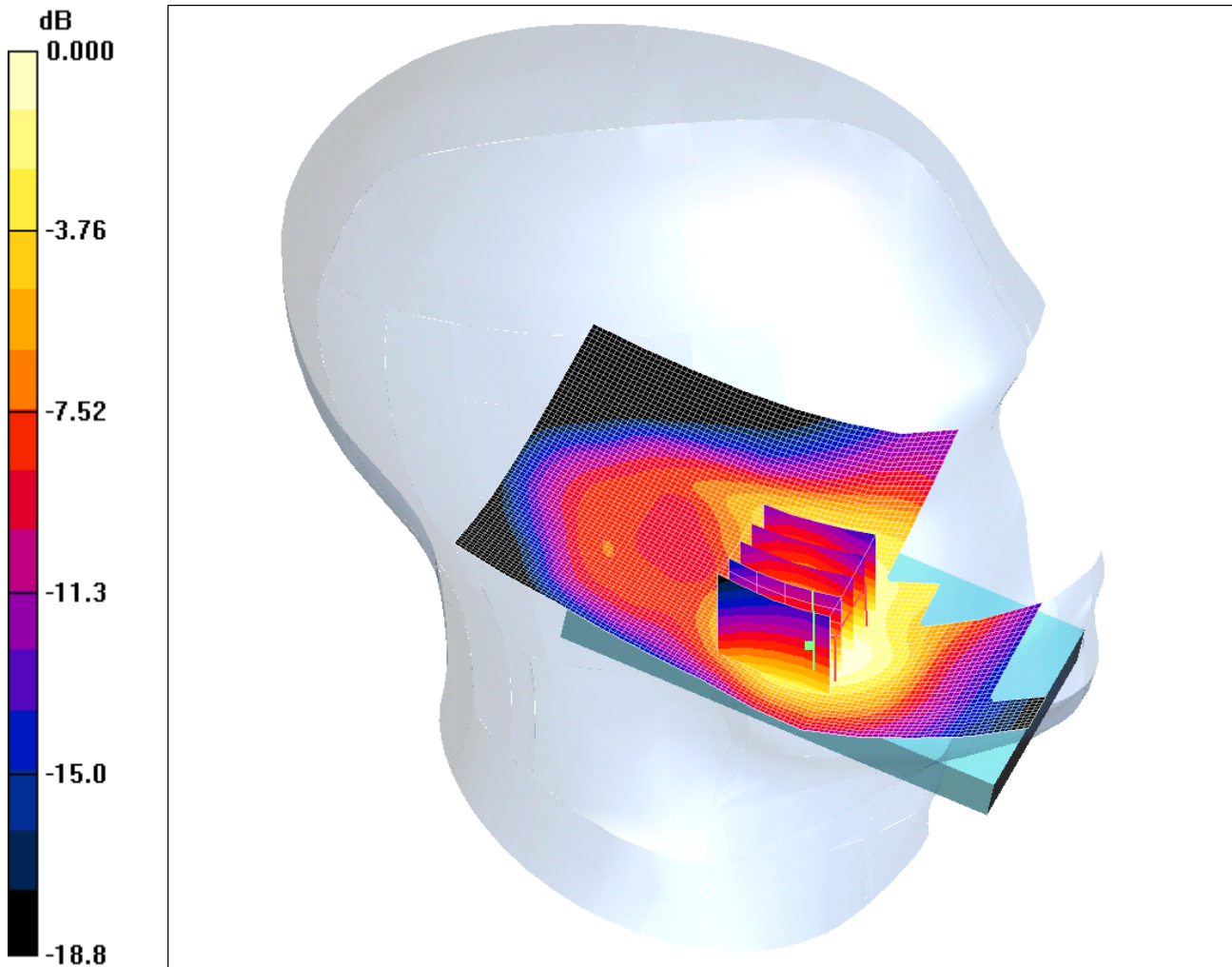
SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.283 mW/g

Maximum value of SAR (measured) = 0.388 mW/g

SCN/83554JD09/021: Touch Left Antenna Retracted PCS CH660

Date 07/09/2011

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



0 dB = 0.275mW/g

Communication System: PCS 1900; Frequency: 1879.8 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1879.8$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Left 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

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

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

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

Reference Value = 6.04 V/m; Power Drift = 0.092 dB

Peak SAR (extrapolated) = 0.401 W/kg

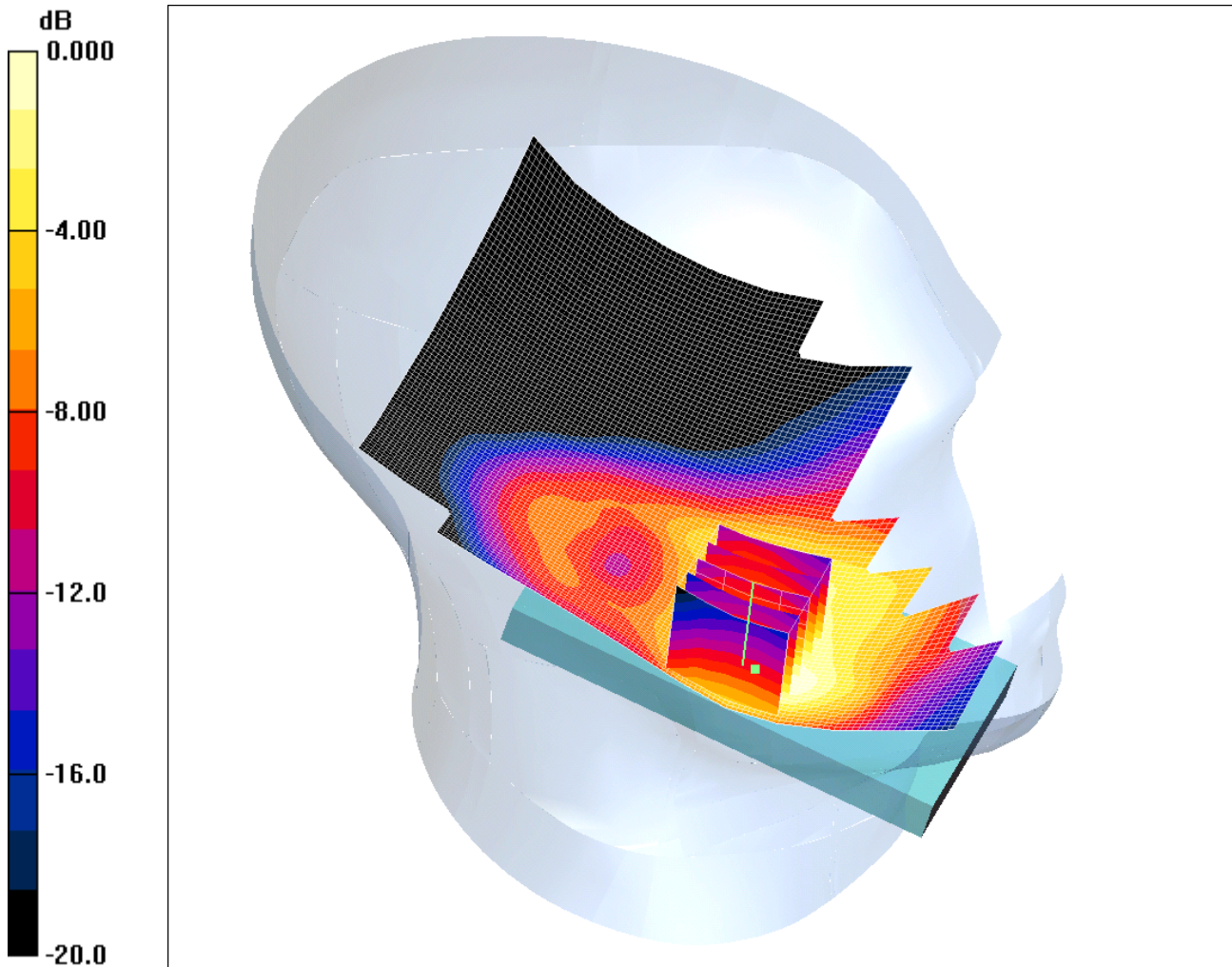
SAR(1 g) = 0.268 mW/g; SAR(10 g) = 0.165 mW/g

Maximum value of SAR (measured) = 0.275 mW/g

SCN/83554JD09/022: Touch Left Antenna Extended PCS CH660

Date 07/09/2011

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



0 dB = 0.290mW/g

Communication System: PCS 1900; Frequency: 1879.8 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1879.8$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Left 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

Touch Left Antenna Extended - Middle/Area Scan (91x131x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 6.46 V/m; Power Drift = -0.061 dB

Peak SAR (extrapolated) = 0.403 W/kg

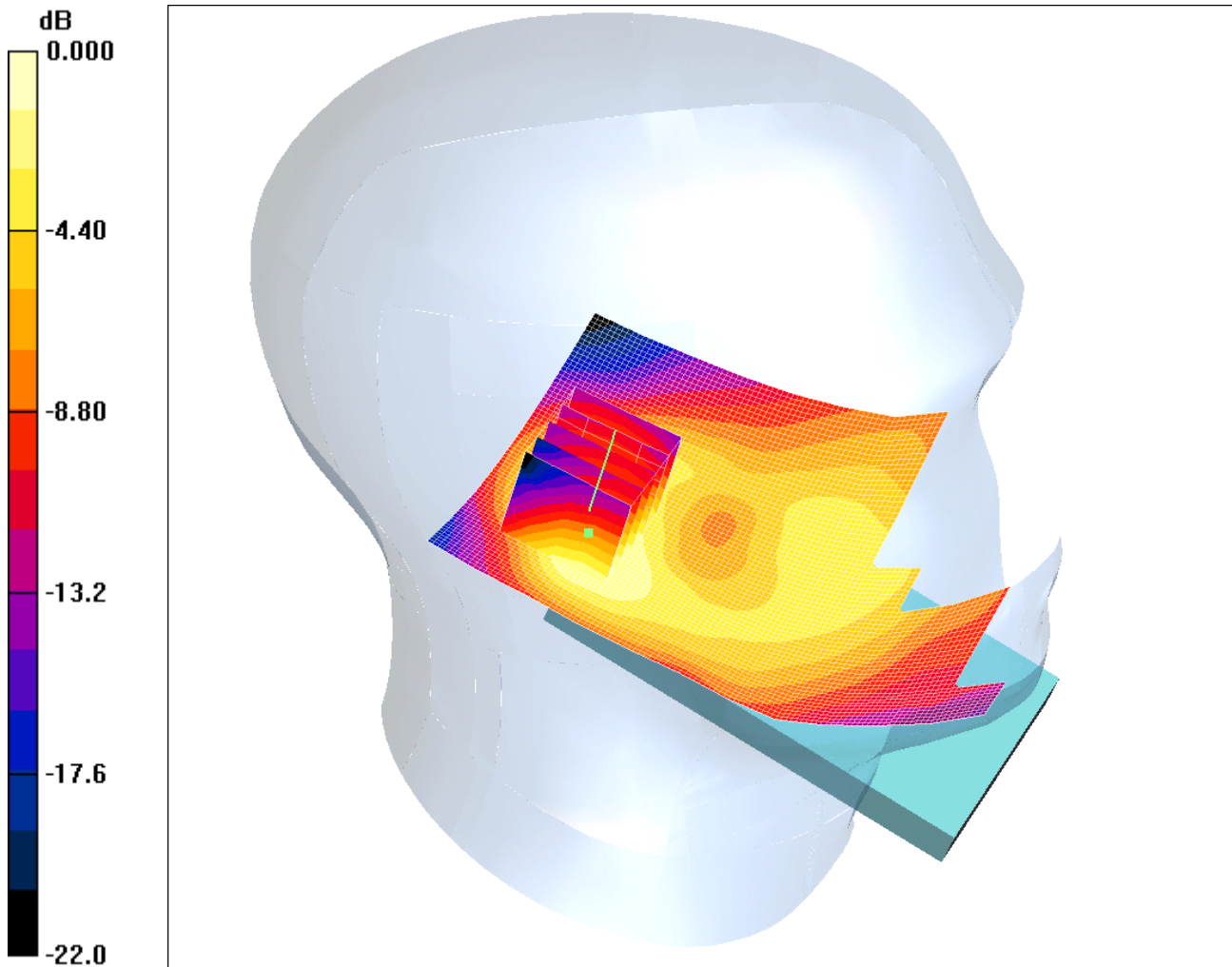
SAR(1 g) = 0.268 mW/g; SAR(10 g) = 0.165 mW/g

Maximum value of SAR (measured) = 0.290 mW/g

SCN/83554JD09/023: Tilt Left Antenna Retracted PCS CH660

Date 07/09/2011

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



0 dB = 0.086mW/g

Communication System: PCS 1900; Frequency: 1879.8 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1879.8$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Left 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

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

Maximum value of SAR (interpolated) = 0.090 mW/g

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

Reference Value = 8.27 V/m; Power Drift = -0.073 dB

Peak SAR (extrapolated) = 0.118 W/kg

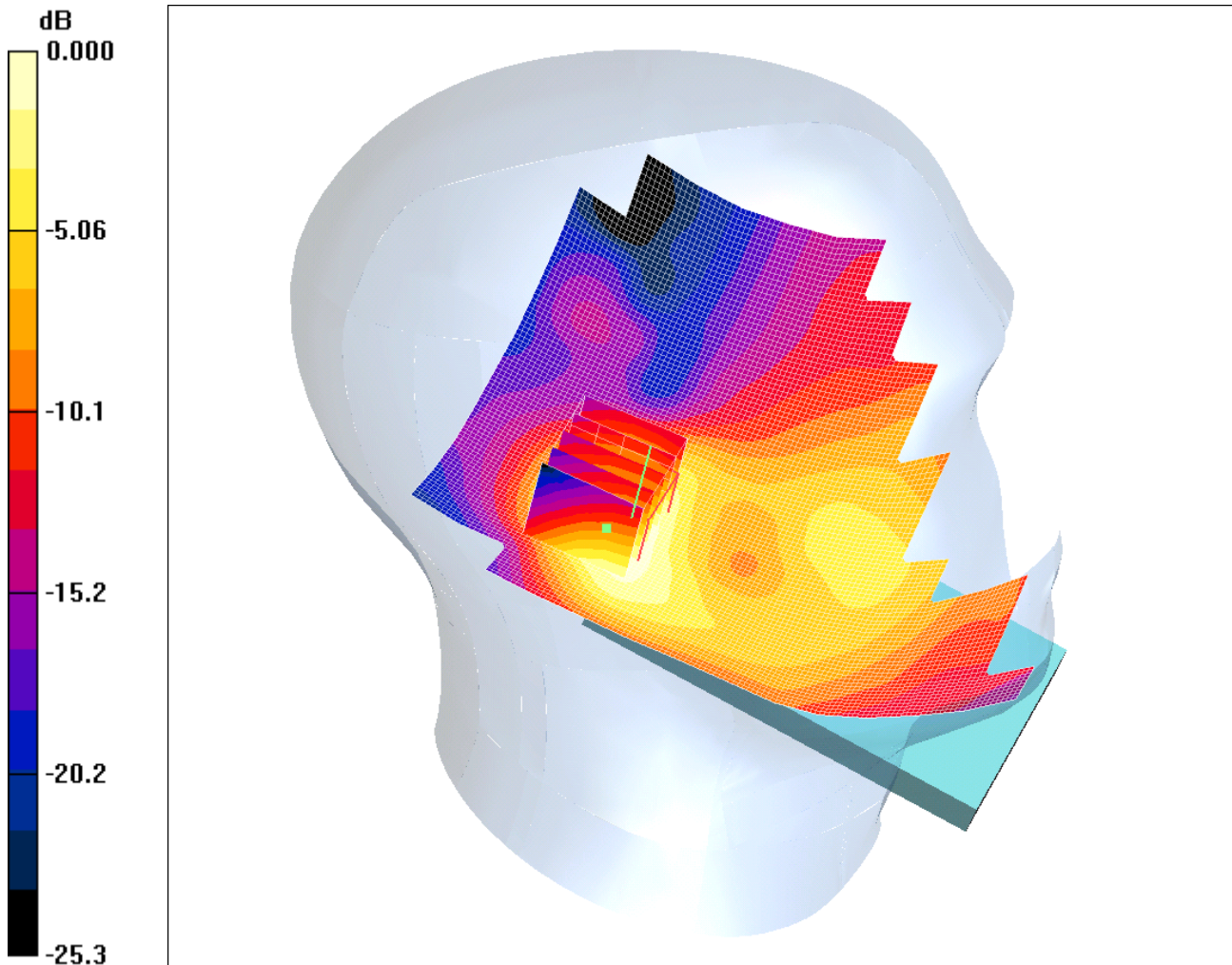
SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.047 mW/g

Maximum value of SAR (measured) = 0.086 mW/g

SCN/83554JD09/024: Tilt Left Antenna Extended PCS CH660

Date 07/09/2011

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



0 dB = 0.106mW/g

Communication System: PCS 1900; Frequency: 1879.8 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1879.8$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Left 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

Tilt Left Antenna Extended - Middle/Area Scan (101x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.121 mW/g

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

Reference Value = 9.47 V/m; Power Drift = -0.086 dB

Peak SAR (extrapolated) = 0.153 W/kg

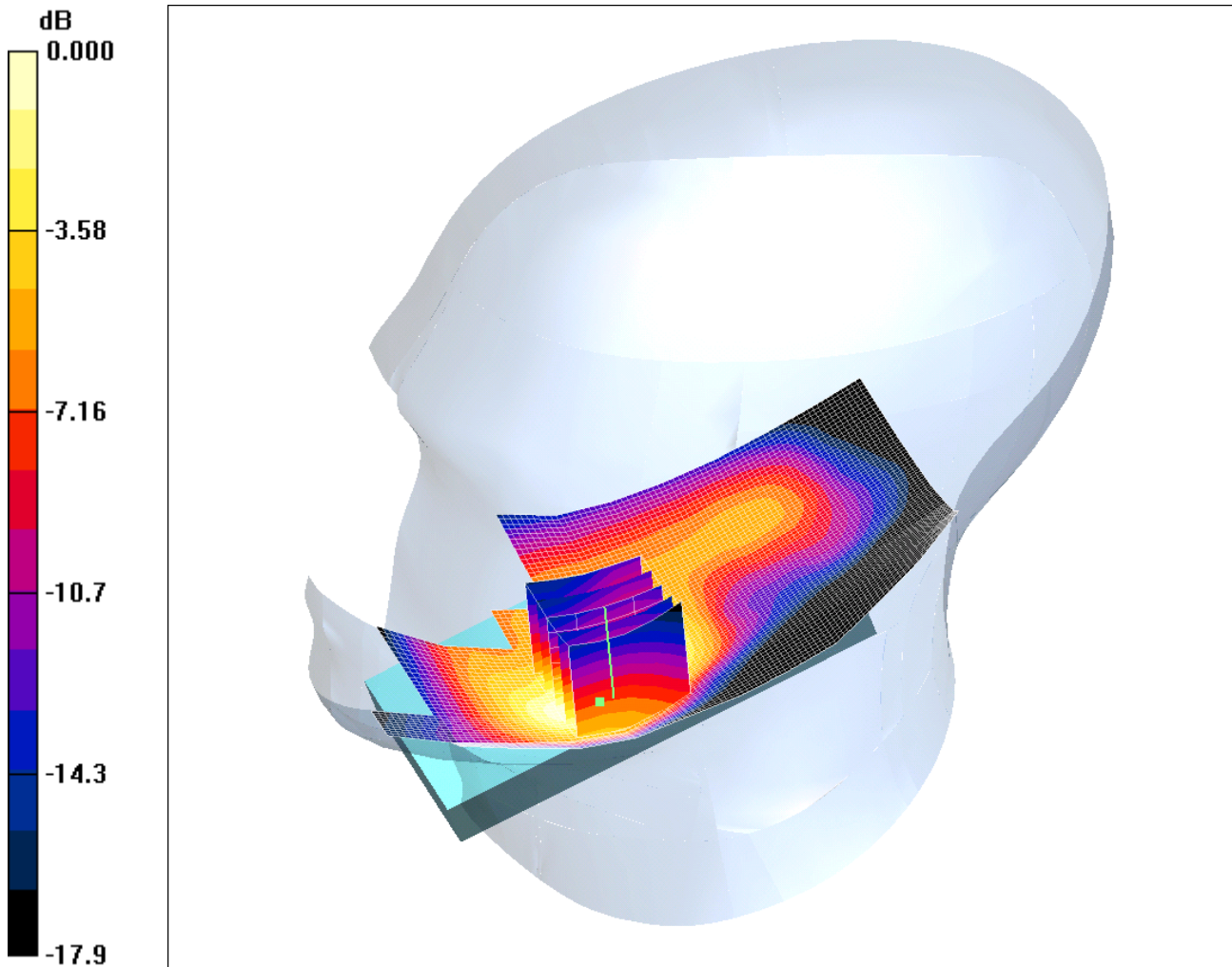
SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.060 mW/g

Maximum value of SAR (measured) = 0.106 mW/g

SCN/83554JD09/025: Touch Right Antenna Retracted PCS CH660

Date 07/09/2011

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



0 dB = 0.300mW/g

Communication System: PCS 1900; Frequency: 1879.8 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1879.8$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Right 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

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

Maximum value of SAR (interpolated) = 0.314 mW/g

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

Reference Value = 5.18 V/m; Power Drift = -0.143 dB

Peak SAR (extrapolated) = 0.430 W/kg

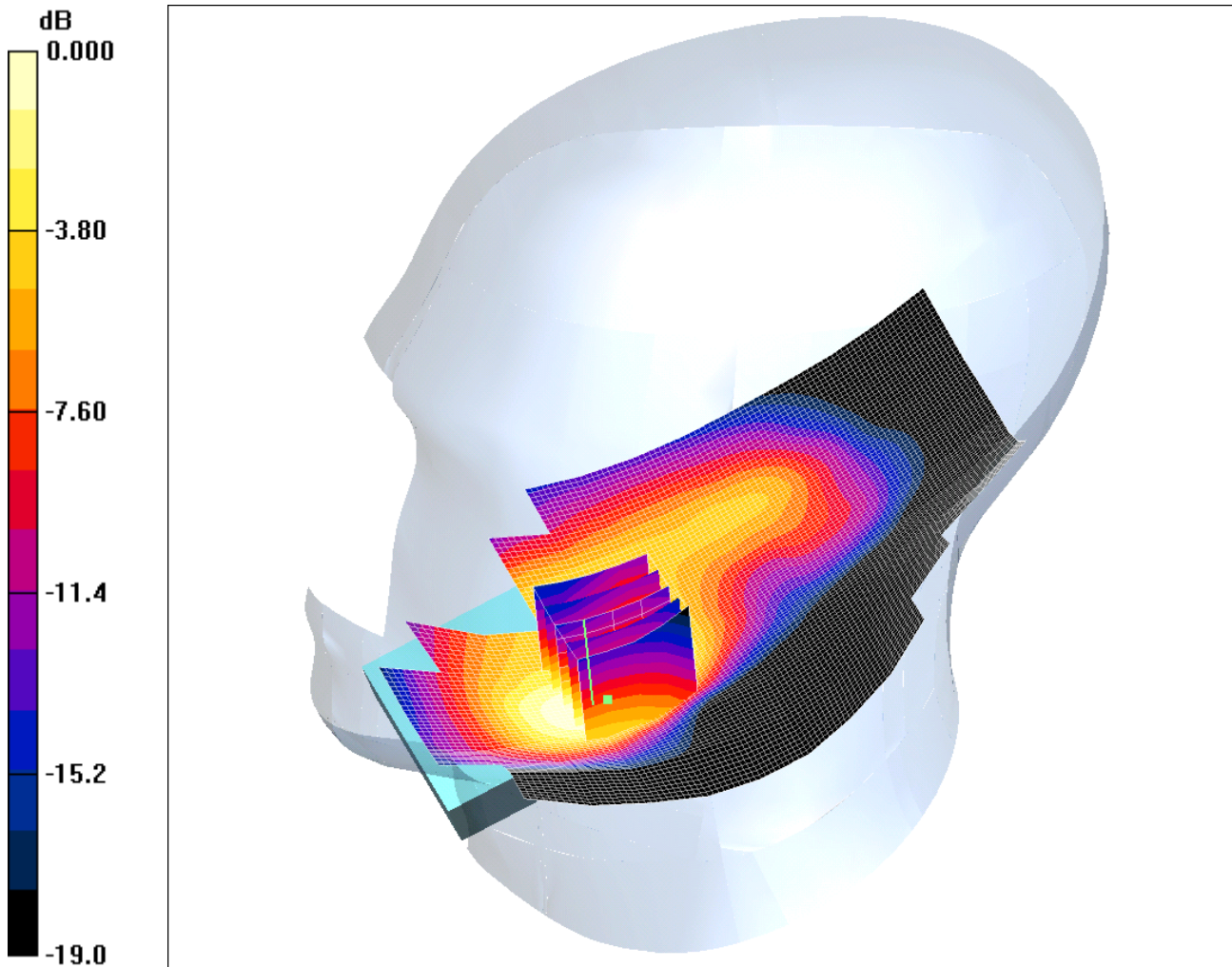
SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.161 mW/g

Maximum value of SAR (measured) = 0.300 mW/g

SCN/83554JD09/026: Touch Right Antenna Extended PCS CH660

Date 07/09/2011

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



0 dB = 0.287mW/g

Communication System: PCS 1900; Frequency: 1879.8 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1879.8$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Right 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

Touch Right Antenna Extended - Middle/Area Scan (91x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.285 mW/g

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

Reference Value = 5.39 V/m; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 0.416 W/kg

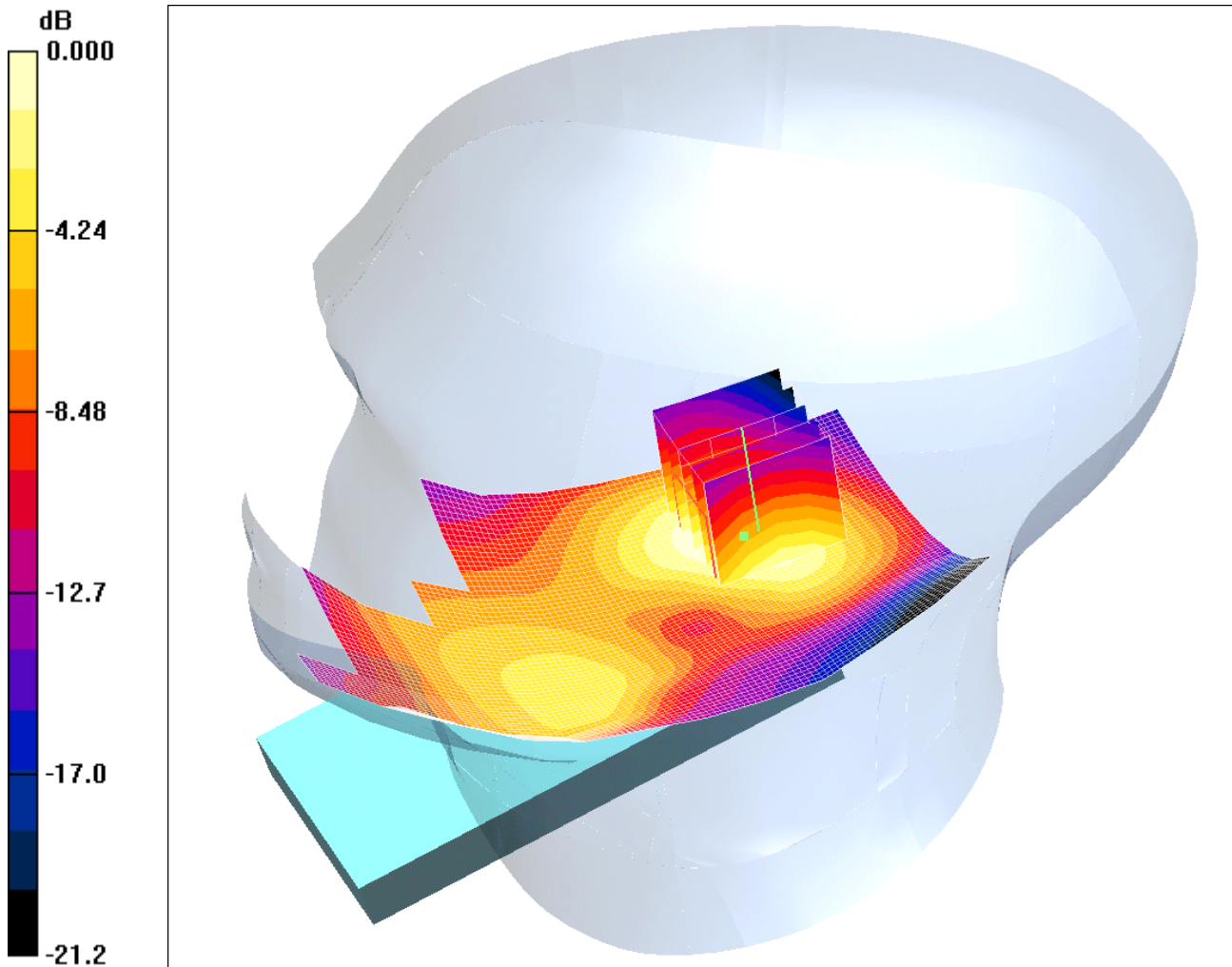
SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.154 mW/g

Maximum value of SAR (measured) = 0.287 mW/g

SCN/83554JD09/027: Tilt Right Antenna Retracted PCS CH660

Date 07/09/2011

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



0 dB = 0.115mW/g

Communication System: PCS 1900; Frequency: 1879.8 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1879.8$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Right 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

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

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

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

Reference Value = 8.07 V/m; Power Drift = -0.044 dB

Peak SAR (extrapolated) = 0.173 W/kg

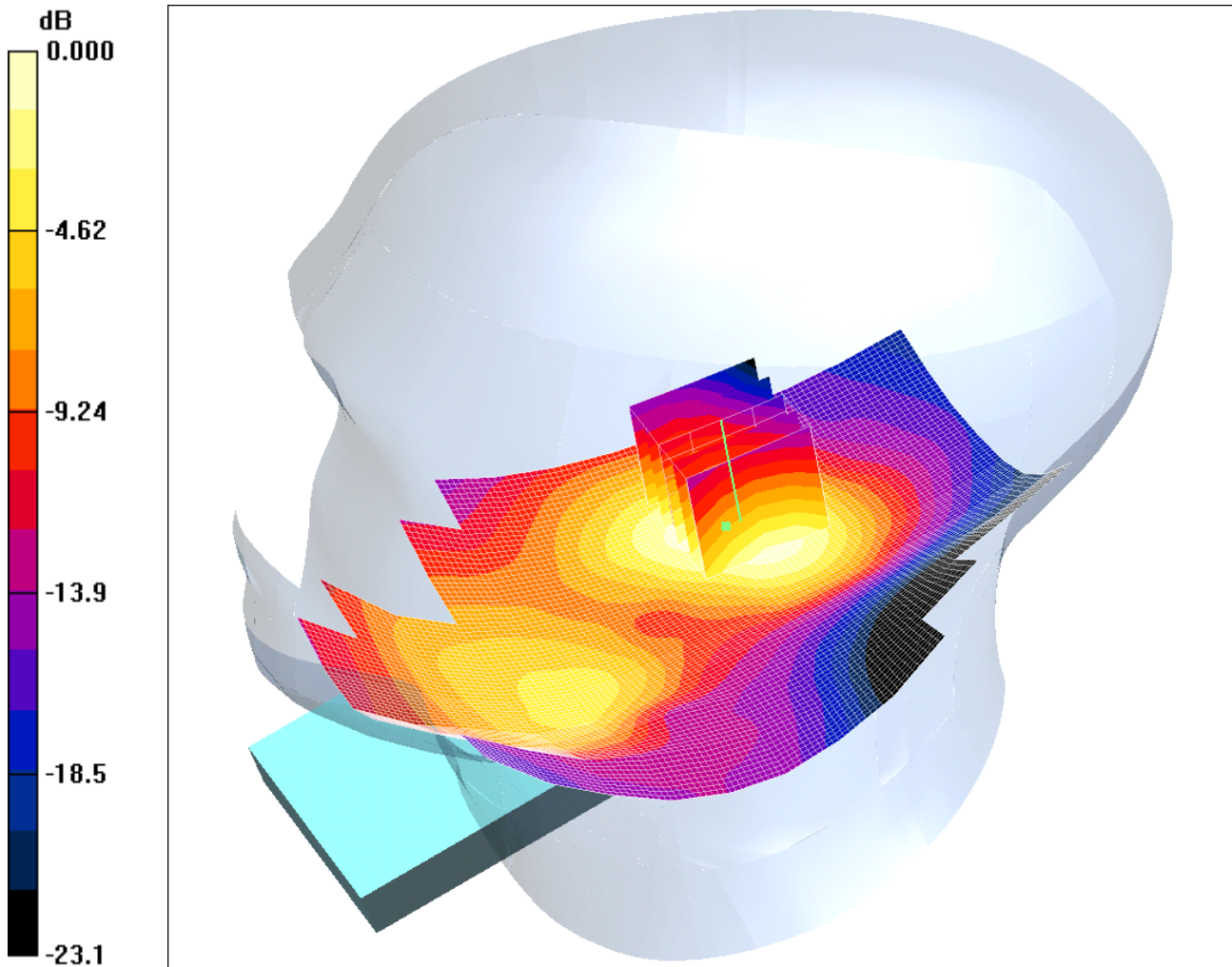
SAR(1 g) = 0.107 mW/g; SAR(10 g) = 0.066 mW/g

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

SCN/83554JD09/028: Tilt Right Antenna Extended PCS CH660

Date 07/09/2011

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



0 dB = 0.130mW/g

Communication System: PCS 1900; Frequency: 1879.8 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1879.8$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Right 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

Tilt Right Antenna Extended - Middle/Area Scan (91x131x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 9.06 V/m; Power Drift = -0.052 dB

Peak SAR (extrapolated) = 0.195 W/kg

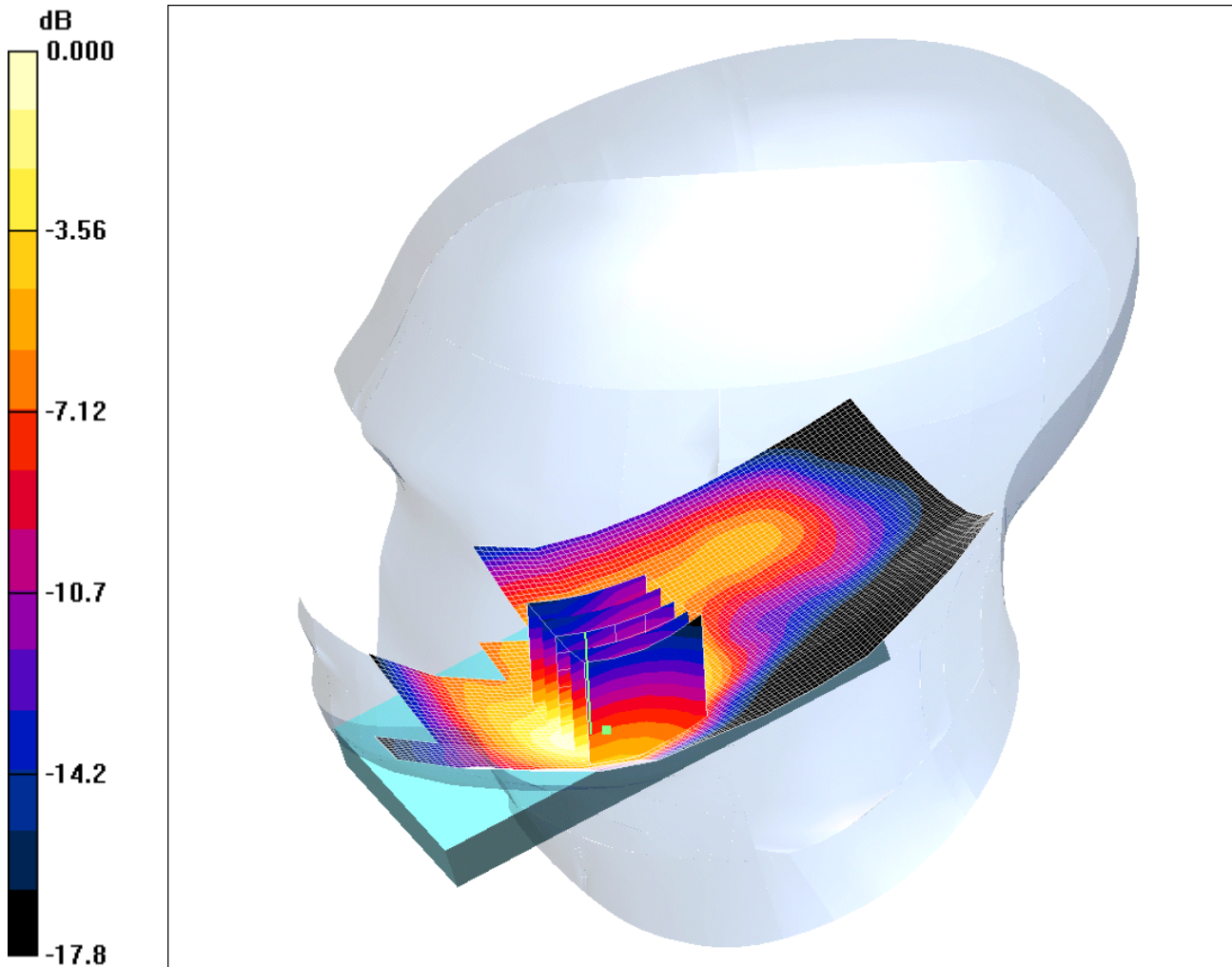
SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.074 mW/g

Maximum value of SAR (measured) = 0.130 mW/g

SCN/83554JD09/029: Touch Right Antenna Retracted GPRS CH660

Date 07/09/2011

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



0 dB = 0.330mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1879.8$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Right 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

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

Maximum value of SAR (interpolated) = 0.344 mW/g

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

Reference Value = 5.40 V/m; Power Drift = -0.136 dB

Peak SAR (extrapolated) = 0.484 W/kg

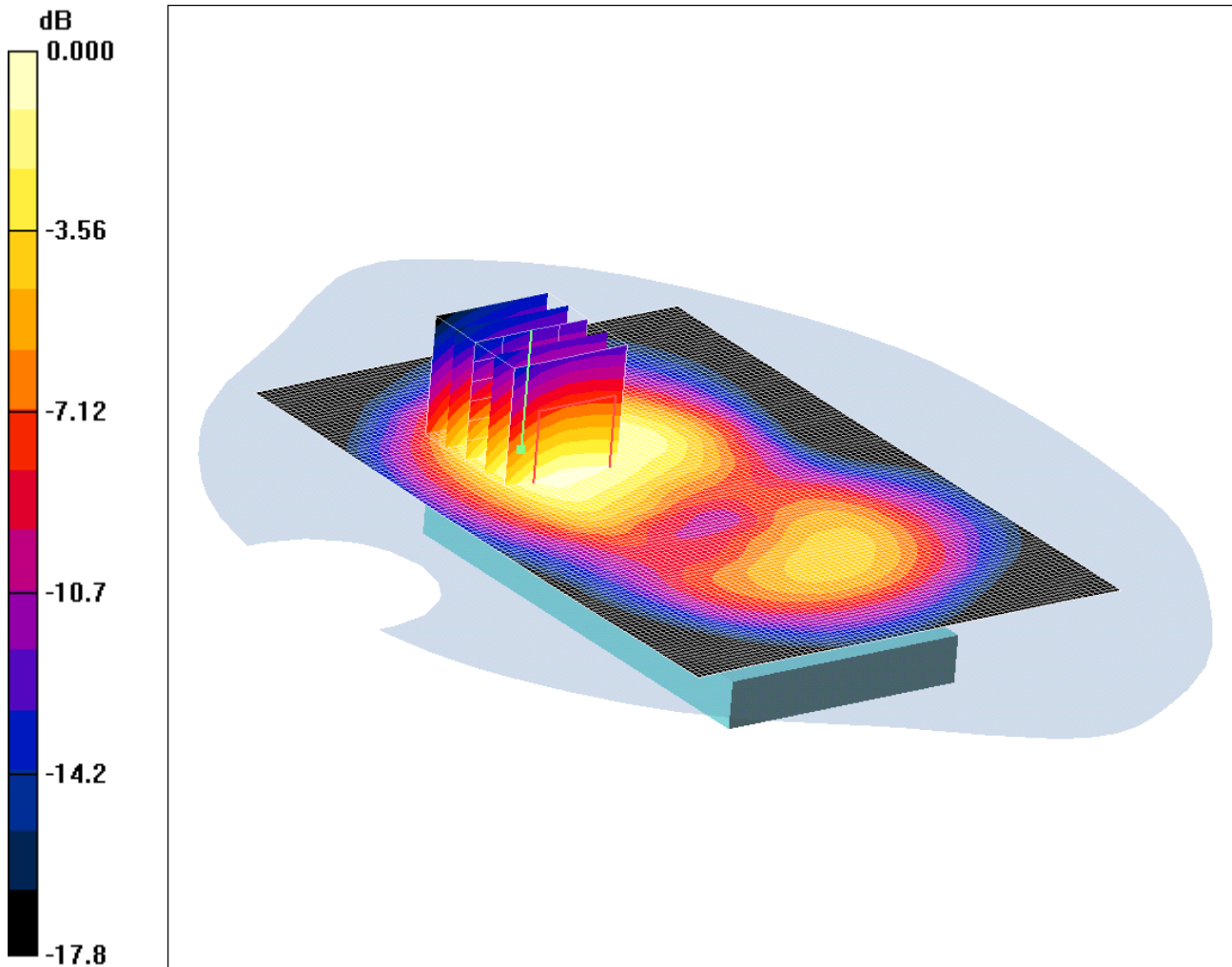
SAR(1 g) = 0.303 mW/g; SAR(10 g) = 0.178 mW/g

Maximum value of SAR (measured) = 0.330 mW/g

SCN/83554JD09/030: Front 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 = 0.304mW/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/m³

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) = 0.319 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 = 6.93 V/m; Power Drift = -0.442 dB

Peak SAR (extrapolated) = 0.462 W/kg

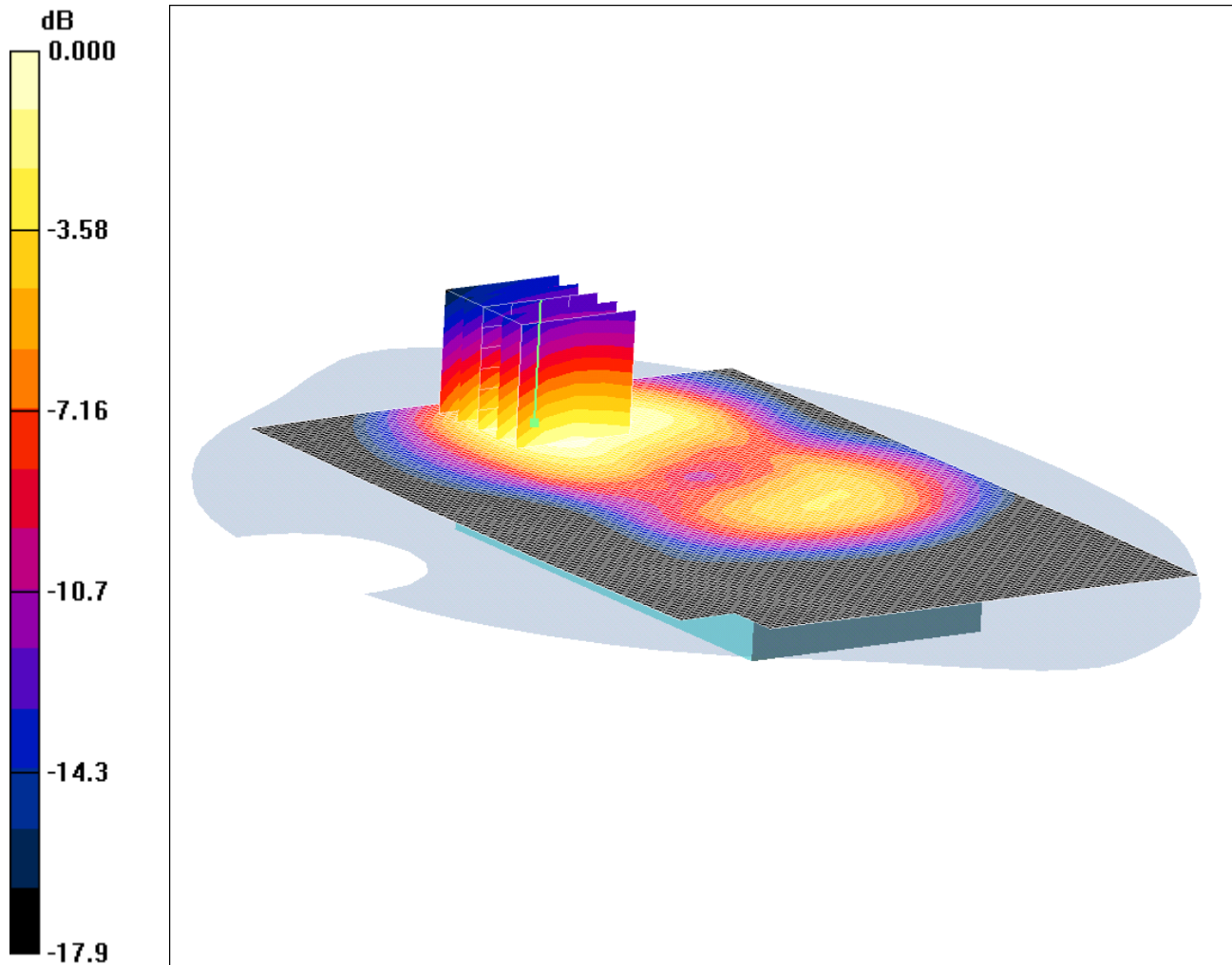
SAR(1 g) = 0.282 mW/g; SAR(10 g) = 0.172 mW/g

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

SCN/83554JD09/031: Front 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 = 0.294mW/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/m³

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 Extended - Middle/Area Scan (91x131x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.312 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 = 5.60 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.445 W/kg

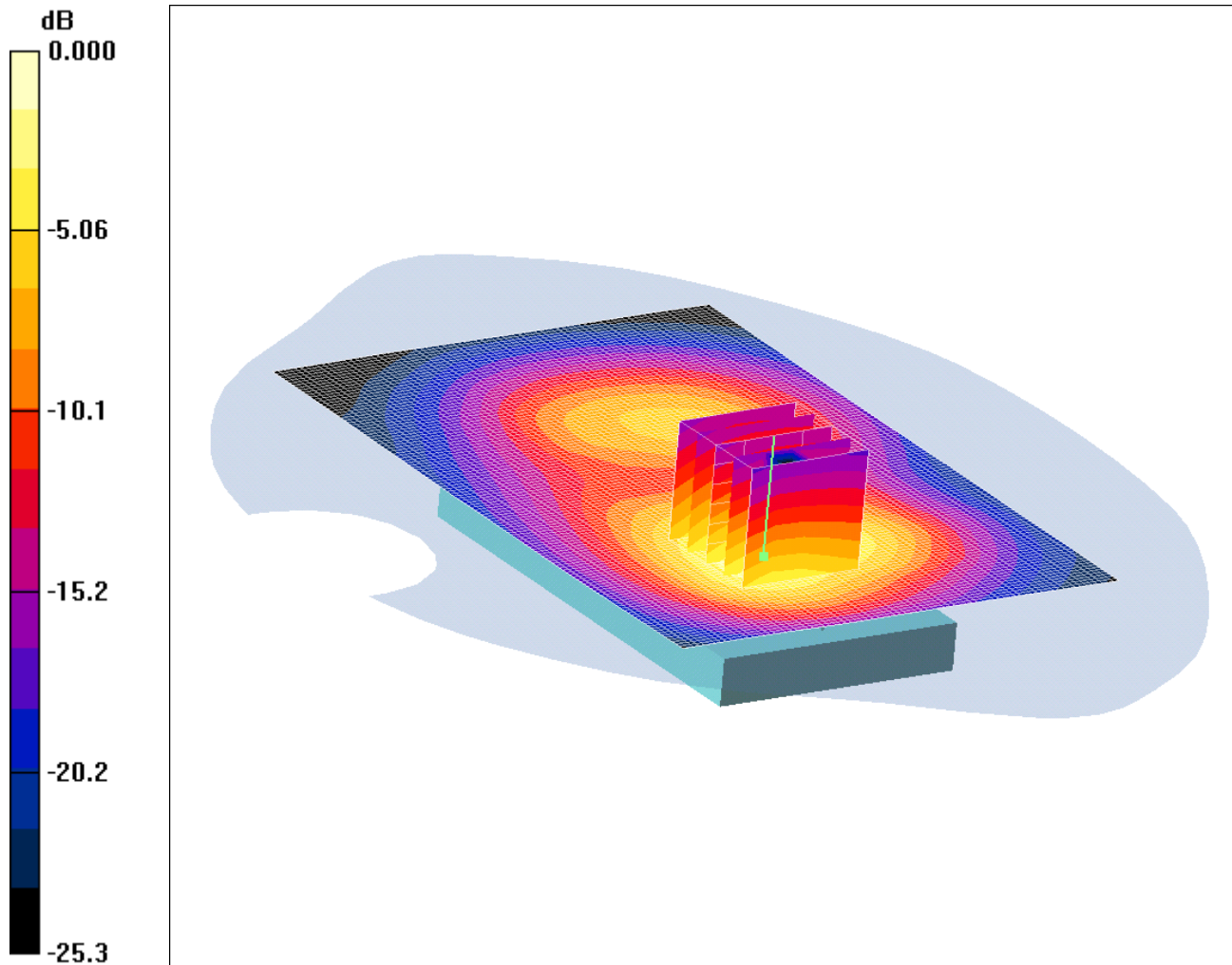
SAR(1 g) = 0.270 mW/g; SAR(10 g) = 0.164 mW/g

Maximum value of SAR (measured) = 0.294 mW/g

SCN/83554JD09/032: Rear 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 = 0.500mW/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

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

dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.310 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 = 5.42 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.446 W/kg

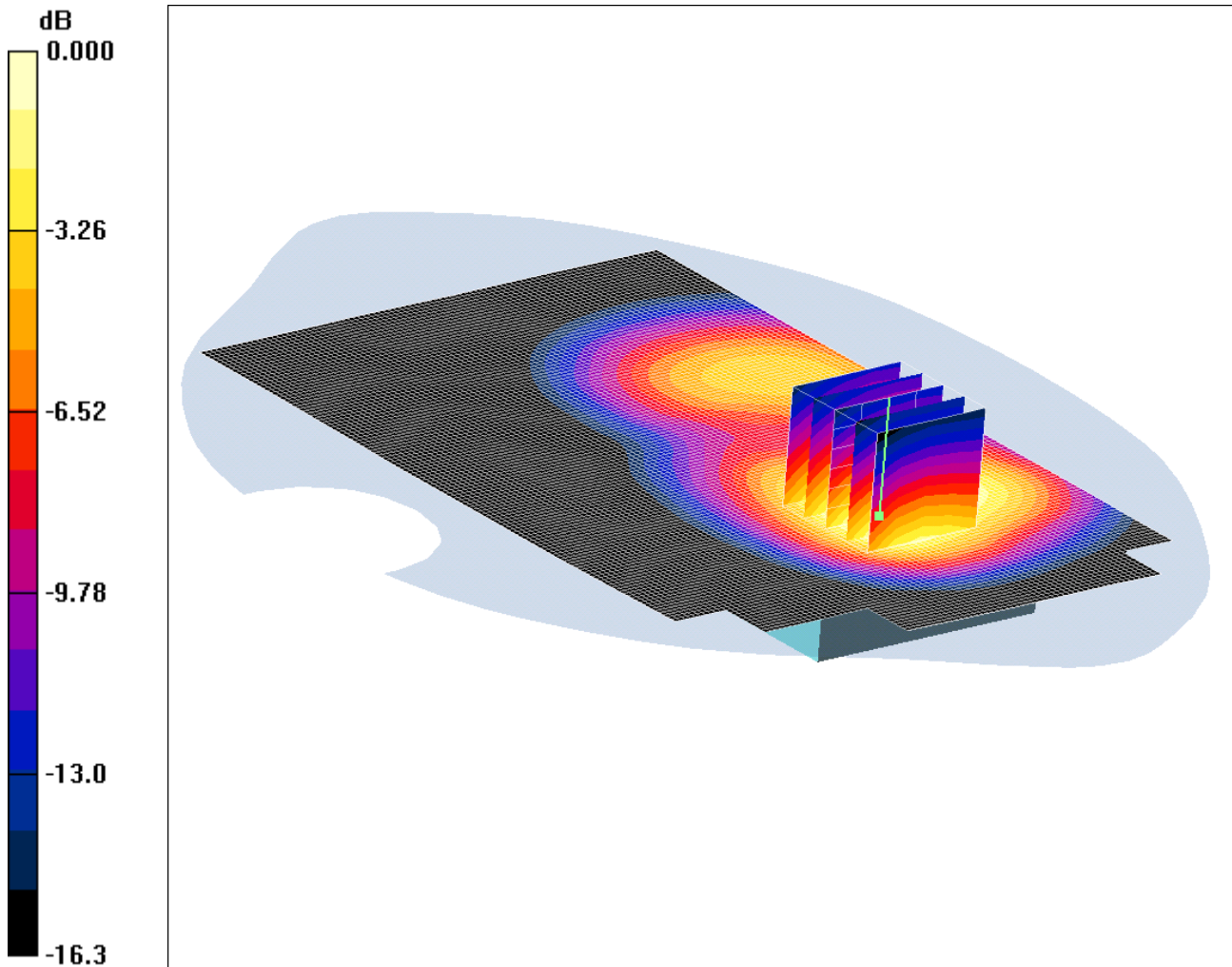
SAR(1 g) = 0.275 mW/g; SAR(10 g) = 0.170 mW/g

Maximum value of SAR (measured) = 0.296 mW/g

SCN/83554JD09/033: Rear 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 = 0.272mW/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/m³

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

Rear of EUT Facing Phantom Antenna Extended - Middle/Area Scan (91x141x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.275 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 = 3.70 V/m; Power Drift = 0.252 dB

Peak SAR (extrapolated) = 0.407 W/kg

SAR(1 g) = 0.254 mW/g; SAR(10 g) = 0.155 mW/g

Maximum value of SAR (measured) = 0.272 mW/g