Date/Time: 03/11/05 13:13:23

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

ant0_flat_ch2_back

DUT: RTX 3055; Type: 1.9G DECT Phone Handset; Serial: RTX 3055

Communication System: DECT; Frequency: 1925 MHz;Duty Cycle: 1:12.3
Medium: Muscle 1900 MHz Medium parameters used (interpolated): f = 1925 MHz; σ = 1.58 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

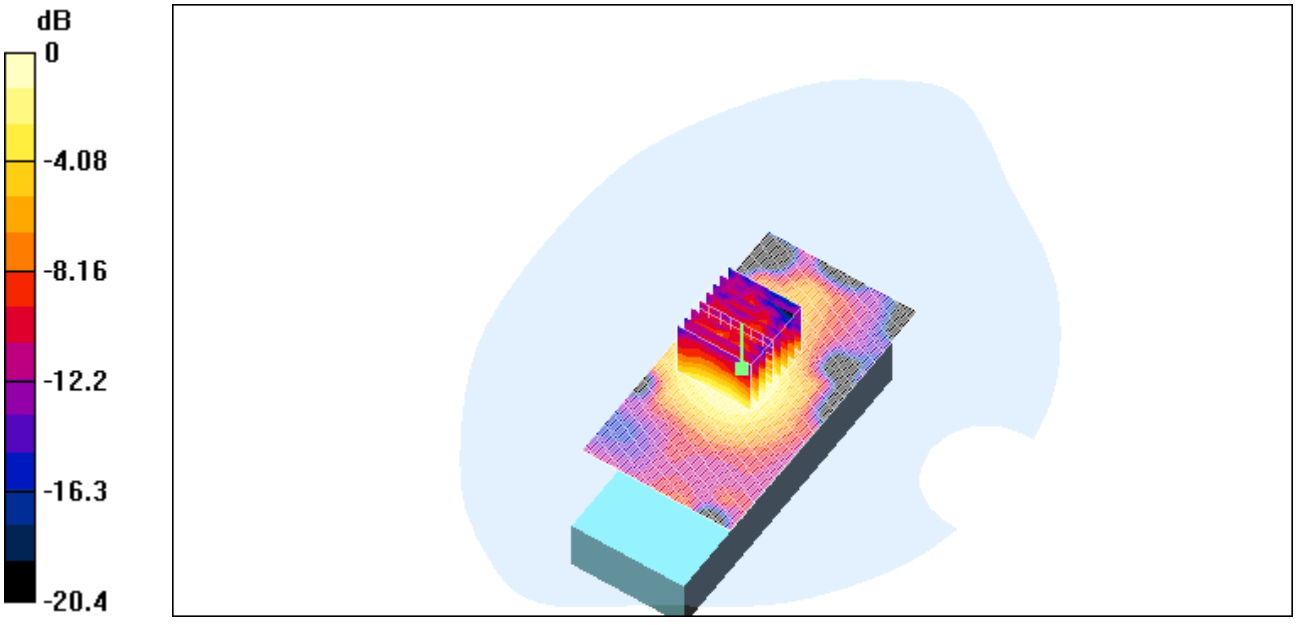
- Probe: ET3DV6 - SN1711; ConvF(4.6, 4.6, 4.6); Calibrated: 12/16/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

ant0_flat_ch2_back/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.017 mW/g

ant0_flat_ch2_back/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.71 V/m; Power Drift = 0.1 dB
Peak SAR (extrapolated) = 0.023 W/kg
SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00888 mW/g

Maximum value of SAR (measured) = 0.016 mW/g



0 dB = 0.016mW/g

Date/Time: 03/10/05 10:48:08

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

ant0_left_ch0_cheek

DUT: RTX 3055; Type: 1.9G DECT Phone Handset; Serial: RTX 3055

Communication System: DECT; Frequency: 1928 MHz;Duty Cycle: 1:12.3
Medium: Head 1900 MHz Medium parameters used (interpolated): f = 1928 MHz; σ = 1.42 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:

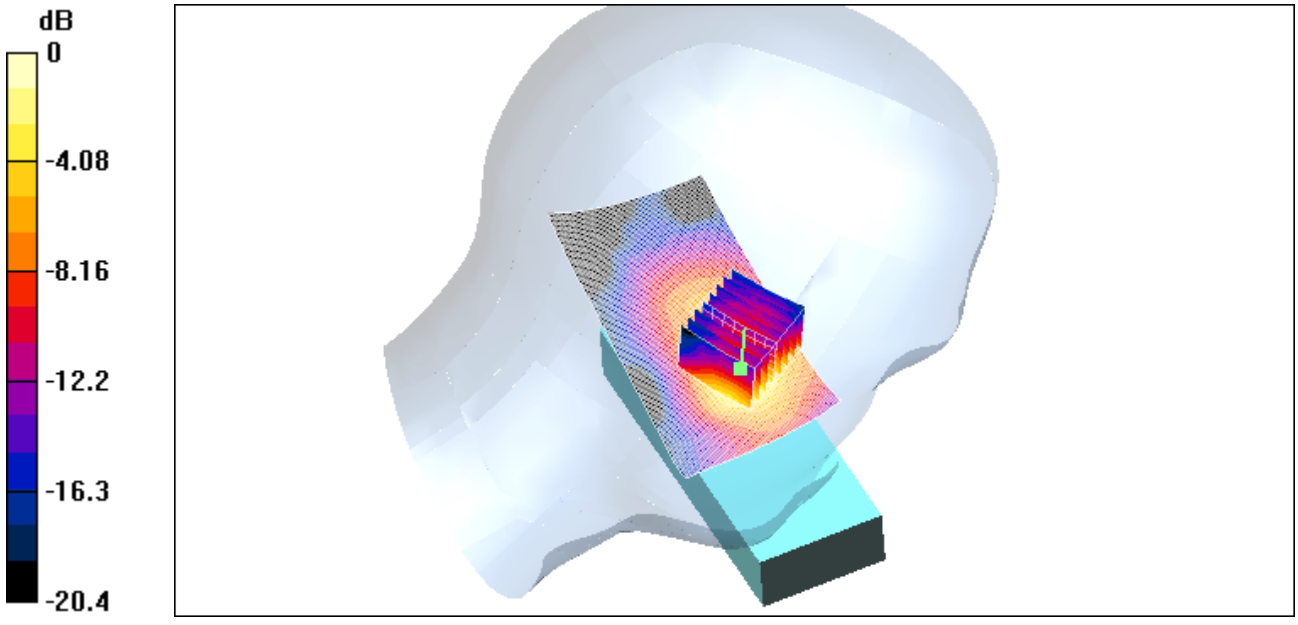
- Probe: ET3DV6 - SN1711; ConvF(5.2, 5.2, 5.2); Calibrated: 12/16/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

ant0_left_ch0_cheek/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.047 mW/g

ant0_left_ch0_cheek/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.74 V/m; Power Drift = -0.0 dB
Peak SAR (extrapolated) = 0.065 W/kg
SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.024 mW/g

Maximum value of SAR (measured) = 0.049 mW/g



0 dB = 0.049mW/g

Date/Time: 03/10/05 11:50:49

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

ant0_left_ch2_cheek

DUT: RTX 3055; Type: 1.9G DECT Phone Handset; Serial: RTX 3055

Communication System: DECT; Frequency: 1925 MHz;Duty Cycle: 1:12.3
Medium: Head 1900 MHz Medium parameters used (interpolated): f = 1925 MHz; σ = 1.42 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:

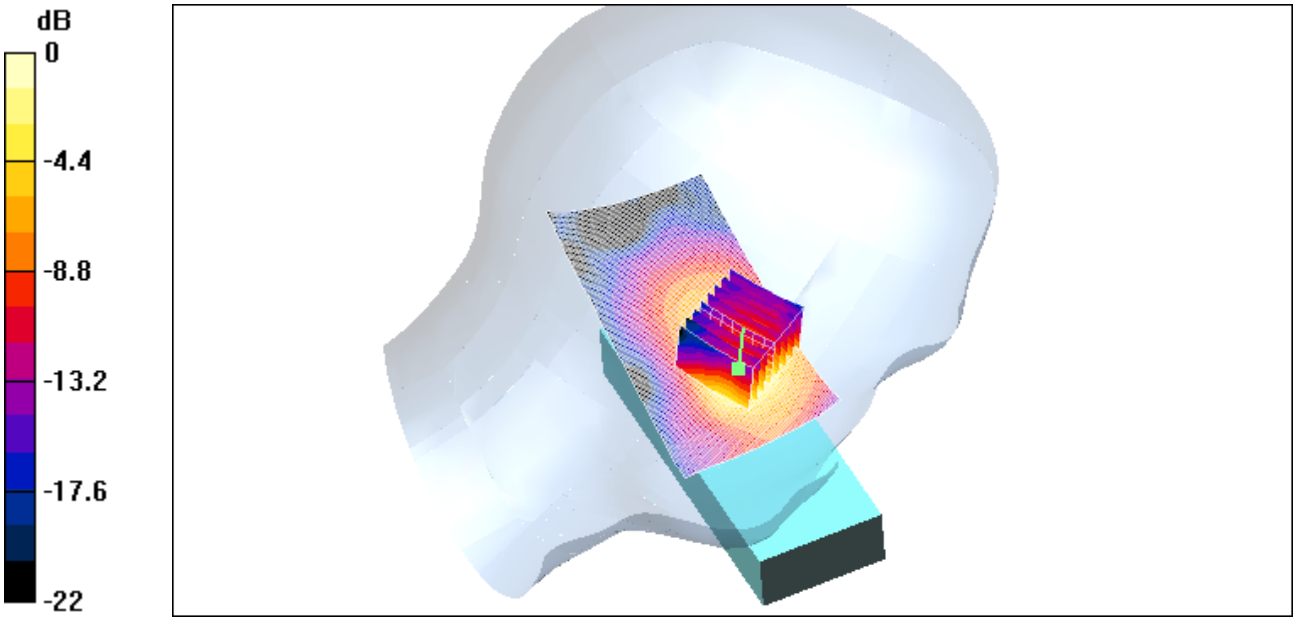
- Probe: ET3DV6 - SN1711; ConvF(5.2, 5.2, 5.2); Calibrated: 12/16/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

ant0_left_ch2_cheek/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.050 mW/g

ant0_left_ch2_cheek/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.69 V/m; Power Drift = -0.0 dB
Peak SAR (extrapolated) = 0.067 W/kg
SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.024 mW/g

Maximum value of SAR (measured) = 0.049 mW/g



0 dB = 0.049mW/g

Date/Time: 03/10/05 14:18:44

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

ant0_left_ch2_tilted

DUT: RTX 3055; Type: 1.9G DECT Phone Handset; Serial: RTX 3055

Communication System: DECT; Frequency: 1925 MHz;Duty Cycle: 1:12.3
Medium: Head 1900 MHz Medium parameters used (interpolated): f = 1925 MHz; σ = 1.42 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:

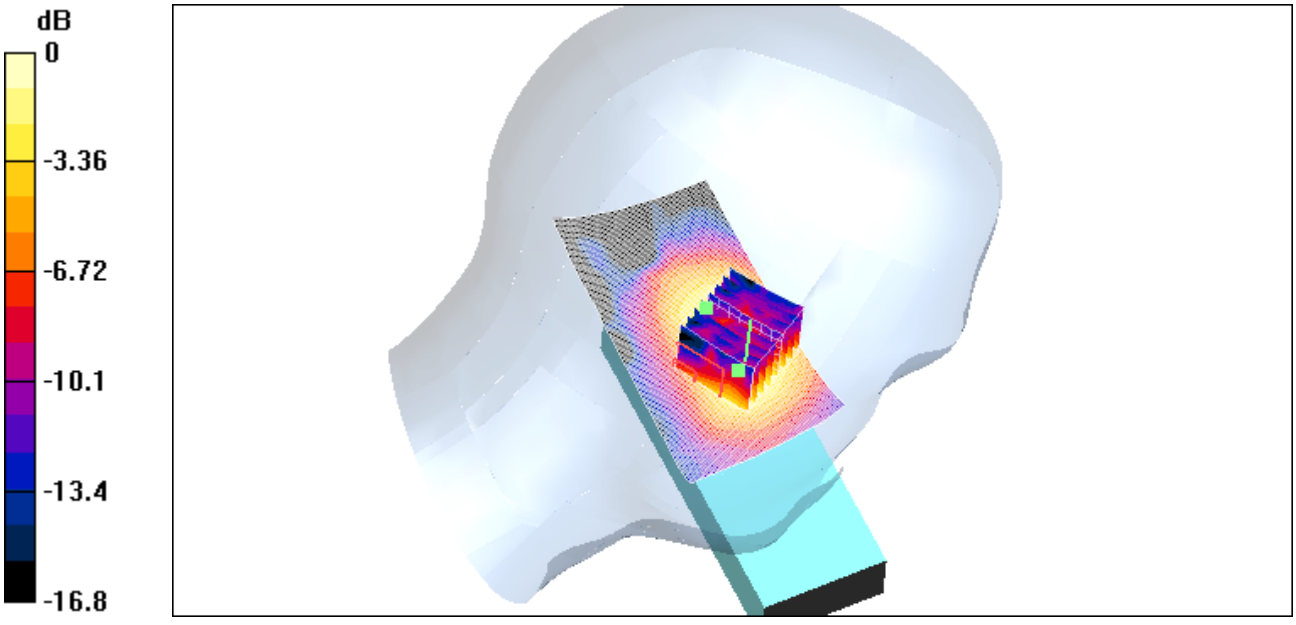
- Probe: ET3DV6 - SN1711; ConvF(5.2, 5.2, 5.2); Calibrated: 12/16/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

ant0_left_ch2_tilted/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

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

ant0_left_ch2_tilted/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.82 V/m; Power Drift = -0.006 dB
Peak SAR (extrapolated) = 0.032 W/kg
SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.011 mW/g

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



0 dB = 0.020mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

ant0_left_ch4_cheek

DUT: RTX 3055; Type: 1.9G DECT Phone Handset; Serial: RTX 3055

Communication System: DECT; Frequency: 1921 MHz;Duty Cycle: 1:12.3
Medium: Head 1900 MHz Medium parameters used (interpolated): f = 1921 MHz; σ = 1.42 mho/m; ε_r = 39.9; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:

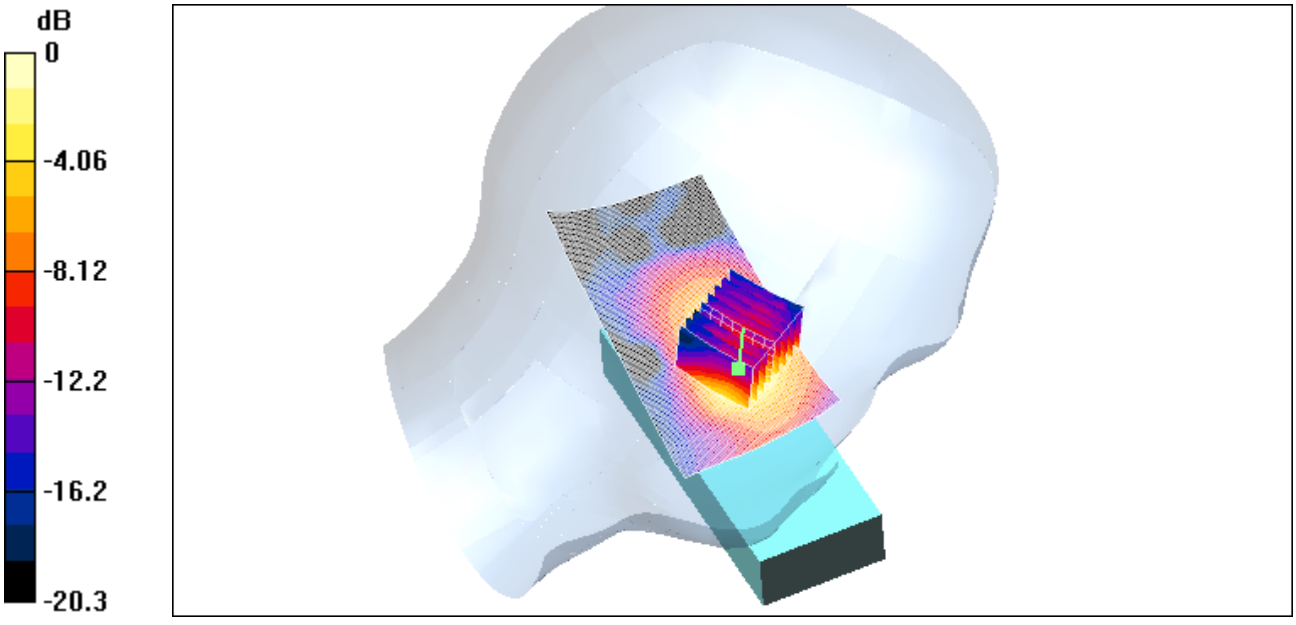
- Probe: ET3DV6 - SN1711; ConvF(5.2, 5.2, 5.2); Calibrated: 12/16/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

ant0_left_ch4_cheek/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.047 mW/g

ant0_left_ch4_cheek/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.64 V/m; Power Drift = 0.0 dB
Peak SAR (extrapolated) = 0.065 W/kg
SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.047 mW/g



0 dB = 0.047mW/g

Date/Time: 03/11/05 08:16:40

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

ant0_right_ch2_cheek

DUT: RTX 3055; Type: 1.9G DECT Phone Handset; Serial: RTX 3055

Communication System: DECT; Frequency: 1905 MHz;Duty Cycle: 1:12.3
Medium: Head 1900 MHz Medium parameters used (interpolated): f = 1905 MHz; σ = 1.42 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:

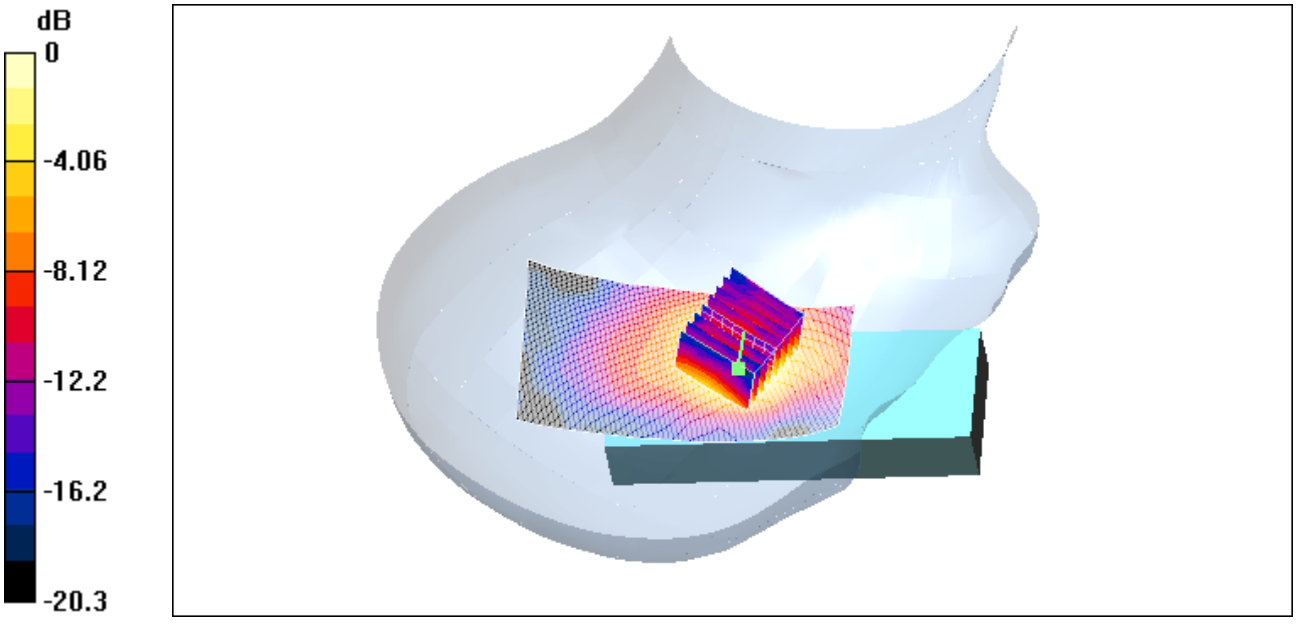
- Probe: ET3DV6 - SN1711; ConvF(5.2, 5.2, 5.2); Calibrated: 12/16/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

ant0_right_ch2_cheek/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

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

ant0_right_ch2_cheek/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.49 V/m; Power Drift = 0.1dB
Peak SAR (extrapolated) = 0.064 W/kg
SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.023 mW/g

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



0 dB = 0.045mW/g

Date/Time: 03/10/05 14:51:47

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

ant0_right_ch2_tilted

DUT: RTX 3055; Type: 1.9G DECT Phone Handset; Serial: RTX 3055

Communication System: DECT; Frequency: 1925 MHz;Duty Cycle: 1:12.3
Medium: Head 1900 MHz Medium parameters used (interpolated): f = 1925 MHz; σ = 1.42 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:

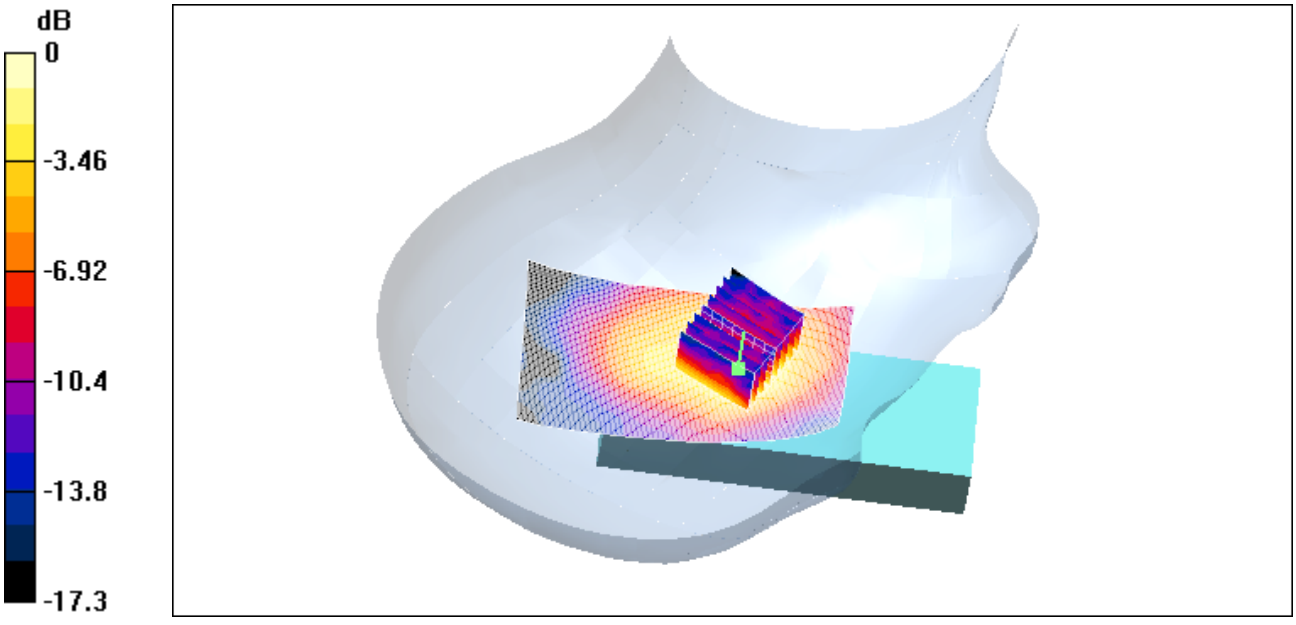
- Probe: ET3DV6 - SN1711; ConvF(5.2, 5.2, 5.2); Calibrated: 12/16/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

ant0_right_ch2_tilted/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.017 mW/g

ant0_right_ch2_tilted/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.54 V/m; Power Drift = 0.0 dB
Peak SAR (extrapolated) = 0.025 W/kg
SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00956 mW/g

Maximum value of SAR (measured) = 0.018 mW/g



0 dB = 0.018mW/g

Date/Time: 03/11/05 12:34:18

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

ant1_flat_ch2_back

DUT: RTX 3055; Type: 1.9G DECT Phone Handset; Serial: RTX 3055

Communication System: DECT; Frequency: 1925 MHz;Duty Cycle: 1:12.3
Medium: Muscle 1900 MHz Medium parameters used (interpolated): f = 1925 MHz; σ = 1.58 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

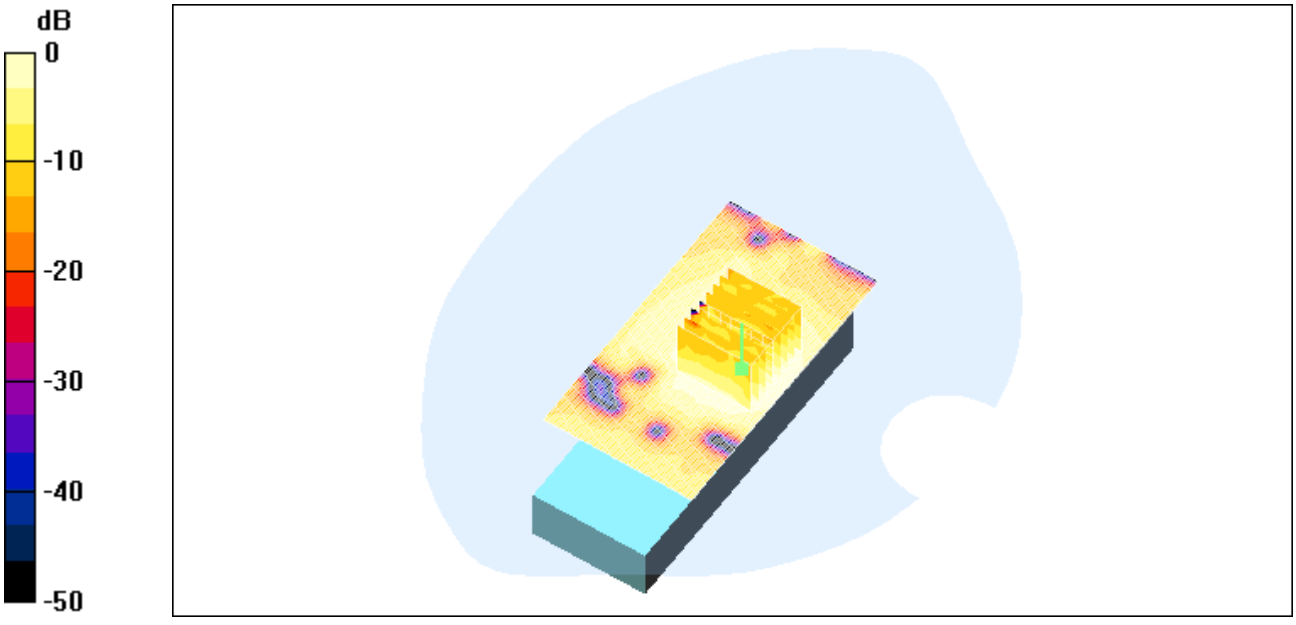
- Probe: ET3DV6 - SN1711; ConvF(4.6, 4.6, 4.6); Calibrated: 12/16/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

ant1_flat_ch2_back/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.011 mW/g

ant1_flat_ch2_back/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.91 V/m; Power Drift = 0.0 dB
Peak SAR (extrapolated) = 0.015 W/kg
SAR(1 g) = 0.00923 mW/g; SAR(10 g) = 0.00548 mW/g

Maximum value of SAR (measured) = 0.00996 mW/g



0 dB = 0.00996mW/g

Date/Time: 03/11/05 08:50:39

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

ant1_left_ch0_cheek

DUT: RTX 3055; Type: 1.9G DECT Phone Handset; Serial: RTX 3055

Communication System: DECT; Frequency: 1928 MHz;Duty Cycle: 1:12.3
Medium: Head 1900 MHz Medium parameters used (interpolated): f = 1928 MHz; σ = 1.42 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:

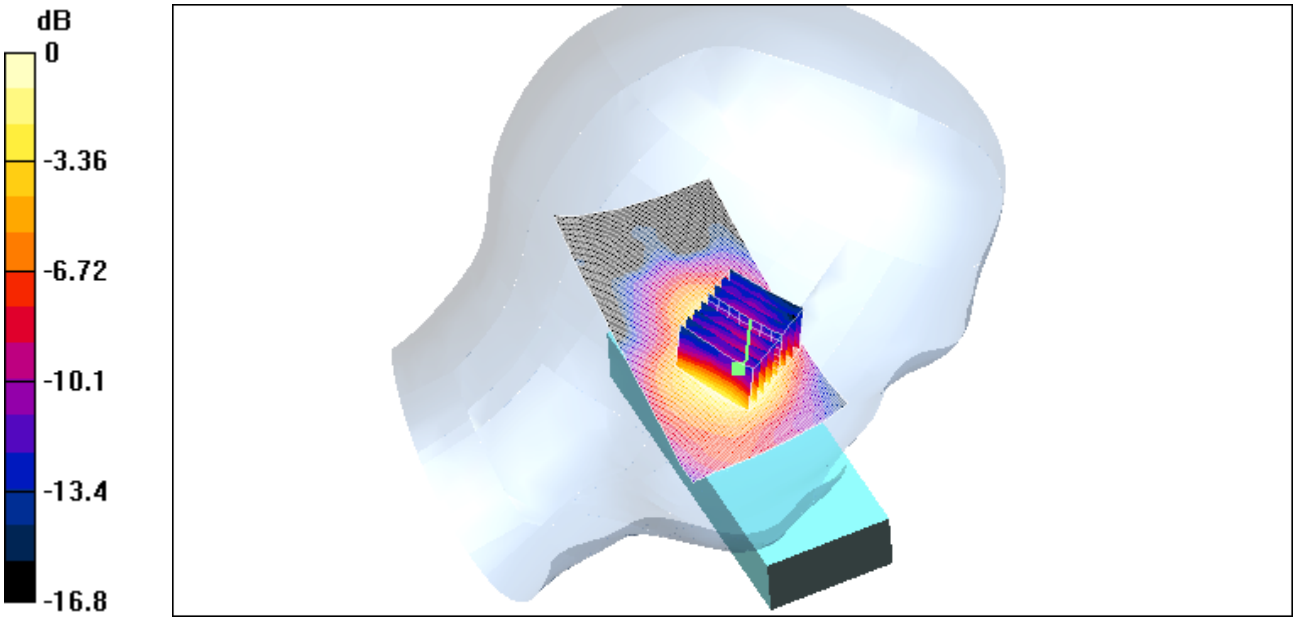
- Probe: ET3DV6 - SN1711; ConvF(5.2, 5.2, 5.2); Calibrated: 12/16/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

ant1_left_ch0_cheek/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.036 mW/g

ant1_left_ch0_cheek/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.17 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 0.050 W/kg
SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.019 mW/g

Maximum value of SAR (measured) = 0.034 mW/g



0 dB = 0.034mW/g

Date/Time: 03/10/05 13:12:11

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

ant1_left_ch2_cheek

DUT: RTX 3055; Type: 1.9G DECT Phone Handset; Serial: RTX 3055

Communication System: DECT; Frequency: 1925 MHz;Duty Cycle: 1:12.3
Medium: Head 1900 MHz Medium parameters used (interpolated): f = 1925 MHz; σ = 1.42 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:

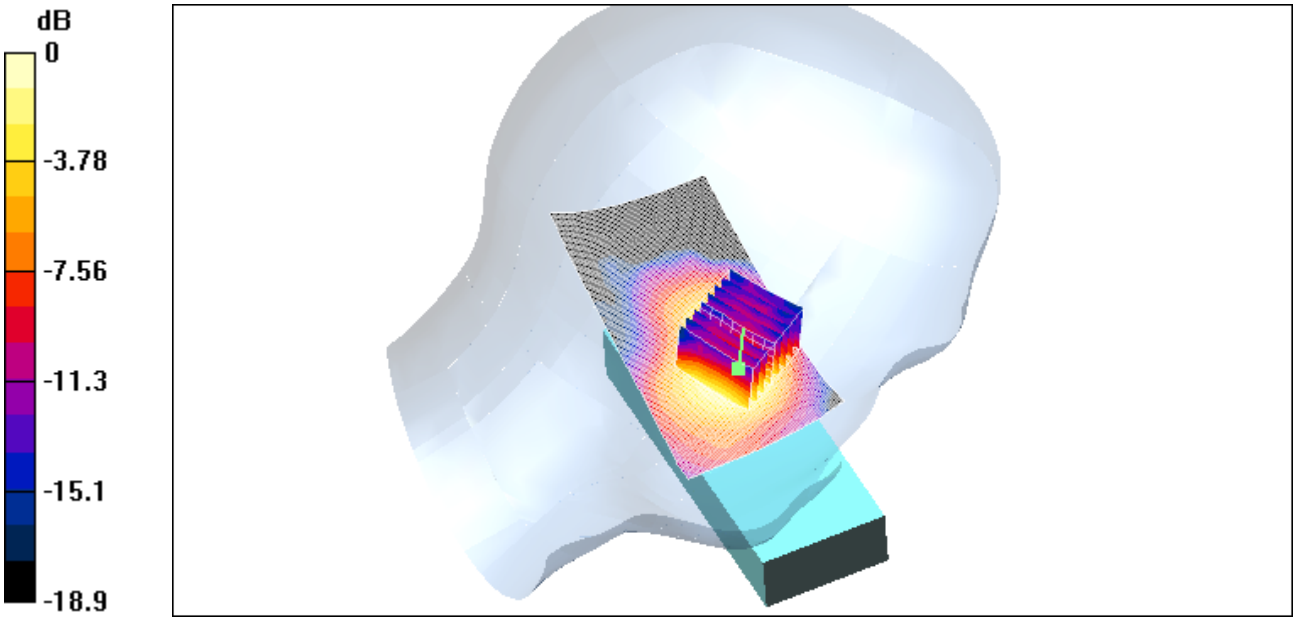
- Probe: ET3DV6 - SN1711; ConvF(5.2, 5.2, 5.2); Calibrated: 12/16/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

ant1_left_ch2_cheek/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.034 mW/g

ant1_left_ch2_cheek/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.65 V/m; Power Drift = 0.1 dB
Peak SAR (extrapolated) = 0.049 W/kg
SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.018 mW/g

Maximum value of SAR (measured) = 0.034 mW/g



0 dB = 0.034mW/g

Date/Time: 03/10/05 13:44:55

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

ant1_left_ch2_tilted

DUT: RTX 3055; Type: 1.9G DECT Phone Handset; Serial: RTX 3055

Communication System: DECT; Frequency: 1925 MHz;Duty Cycle: 1:12.3
Medium: Head 1900 MHz Medium parameters used (interpolated): f = 1925 MHz; σ = 1.42 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:

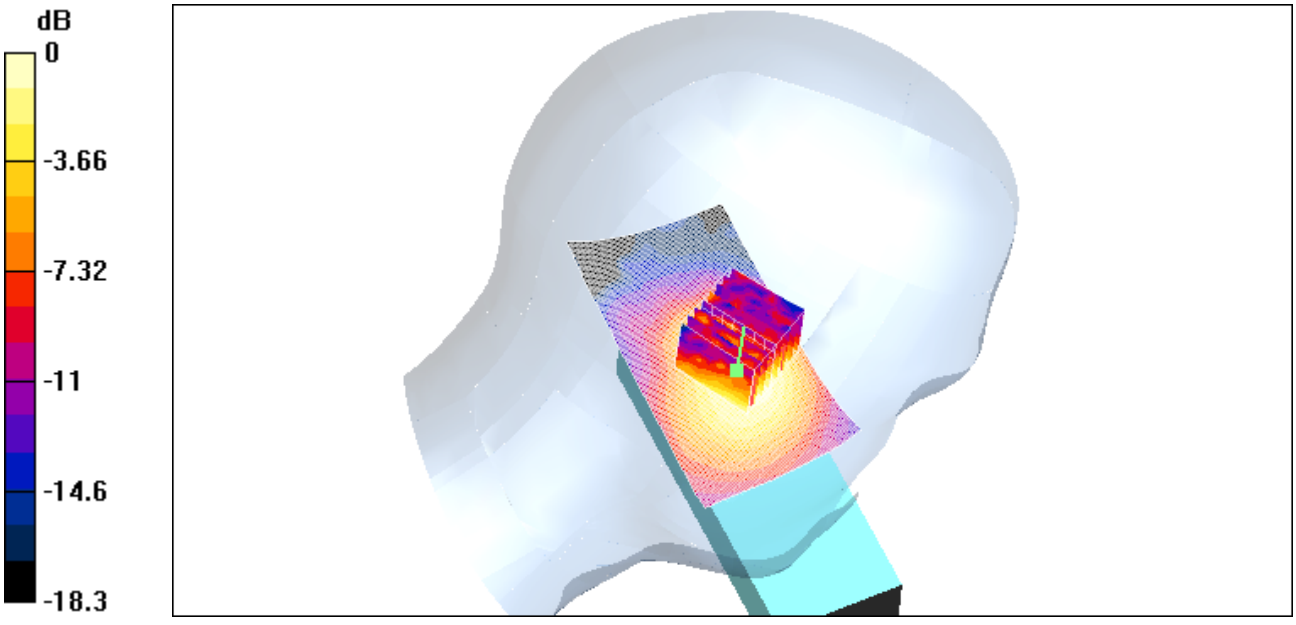
- Probe: ET3DV6 - SN1711; ConvF(5.2, 5.2, 5.2); Calibrated: 12/16/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

ant1_left_ch2_tilted/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

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

ant1_left_ch2_tilted/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.73 V/m; Power Drift = -0.0 dB
Peak SAR (extrapolated) = 0.028 W/kg
SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.010 mW/g

Maximum value of SAR (measured) = 0.018 mW/g



0 dB = 0.018mW/g

Date/Time: 03/11/05 09:53:14

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

ant1_left_ch4_cheek

DUT: RTX 3055; Type: 1.9G DECT Phone Handset; Serial: RTX 3055

Communication System: DECT; Frequency: 1921 MHz;Duty Cycle: 1:12.3
Medium: Head 1900 MHz Medium parameters used (interpolated): f = 1921 MHz; σ = 1.42 mho/m; ε_r = 39.9; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:

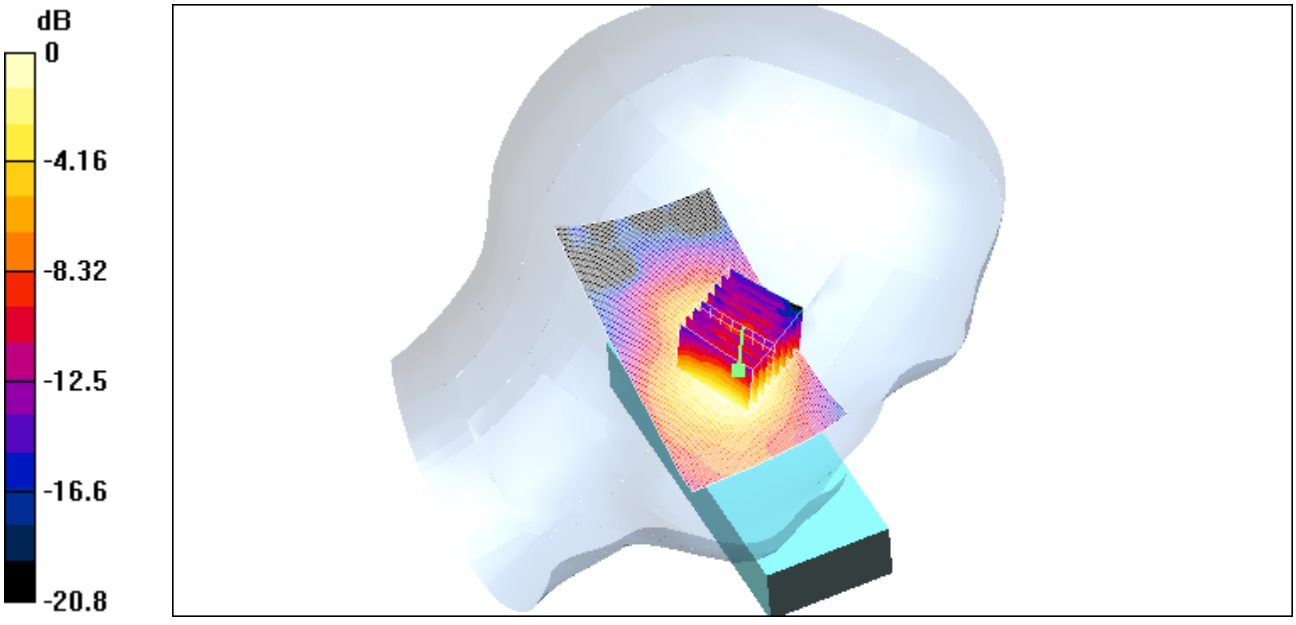
- Probe: ET3DV6 - SN1711; ConvF(5.2, 5.2, 5.2); Calibrated: 12/16/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

ant1_left_ch4_cheek/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.036 mW/g

ant1_left_ch4_cheek/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.22 V/m; Power Drift = 0.0 dB
Peak SAR (extrapolated) = 0.053 W/kg
SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.019 mW/g

Maximum value of SAR (measured) = 0.036 mW/g



0 dB = 0.036mW/g

Date/Time: 03/11/05 07:34:18

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

ant1_right_ch2_cheek

DUT: RTX 3055; Type: 1.9G DECT Phone Handset; Serial: RTX 3055

Communication System: DECT; Frequency: 1925 MHz;Duty Cycle: 1:12.3
Medium: Head 1900 MHz Medium parameters used (interpolated): f = 1925 MHz; σ = 1.42 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:

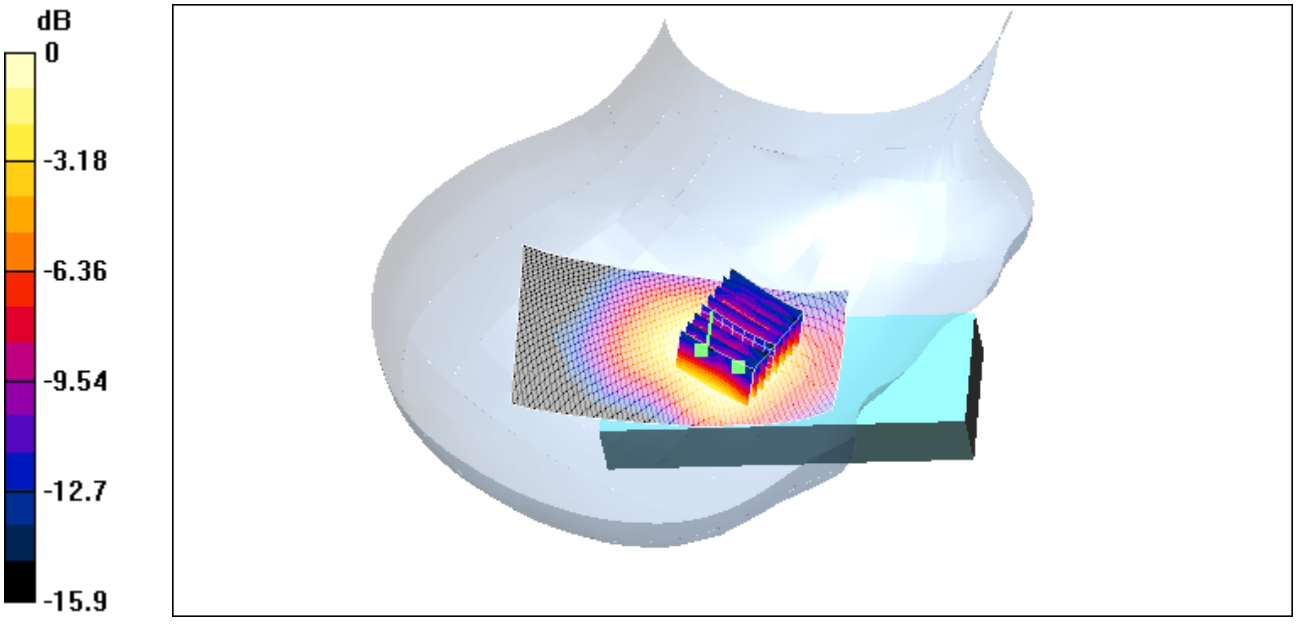
- Probe: ET3DV6 - SN1711; ConvF(5.2, 5.2, 5.2); Calibrated: 12/16/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

ant1_right_ch2_cheek/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.033 mW/g

ant1_right_ch2_cheek/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.15 V/m; Power Drift = 0.0 dB
Peak SAR (extrapolated) = 0.049 W/kg
SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.019 mW/g

Maximum value of SAR (measured) = 0.032 mW/g



0 dB = 0.032mW/g

Date/Time: 03/10/05 15:26:53

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

ant1_right_ch2_tilted

DUT: RTX 3055; Type: 1.9G DECT Phone Handset; Serial: RTX 3055

Communication System: DECT; Frequency: 1925 MHz;Duty Cycle: 1:12.3
Medium: Head 1900 MHz Medium parameters used (interpolated): f = 1925 MHz; σ = 1.42 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:

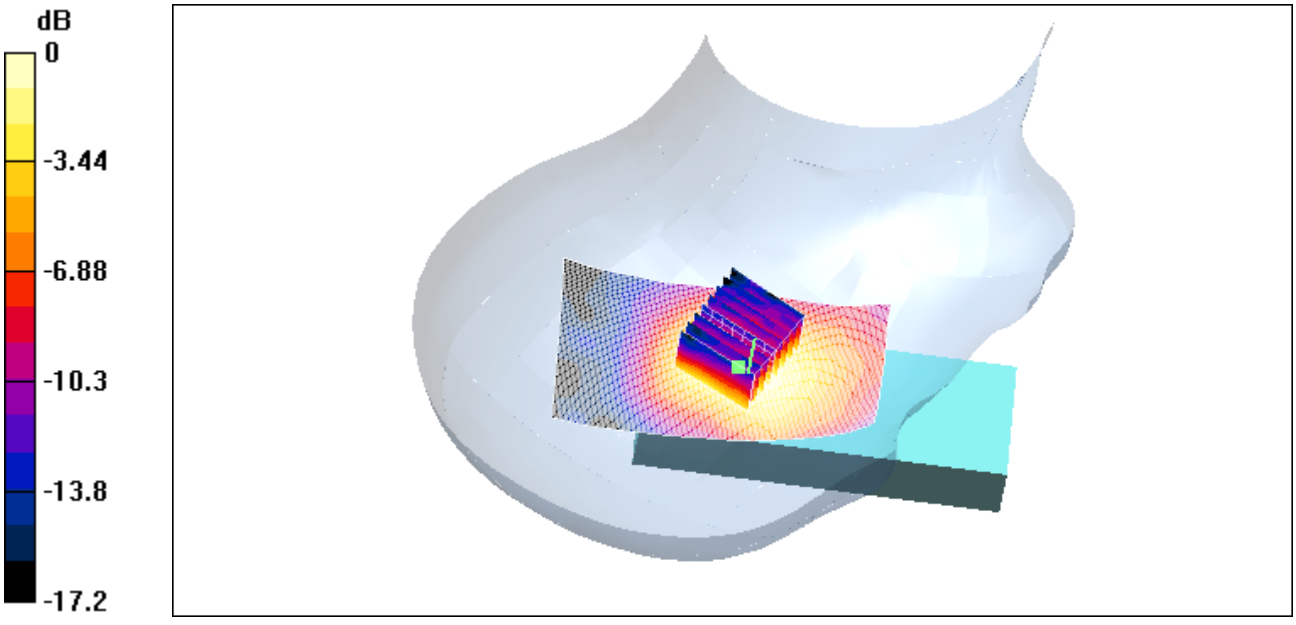
- Probe: ET3DV6 - SN1711; ConvF(5.2, 5.2, 5.2); Calibrated: 12/16/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

ant1_right_ch2_tilted/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

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

ant1_right_ch2_tilted/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.86 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 0.028 W/kg
SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.010 mW/g

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



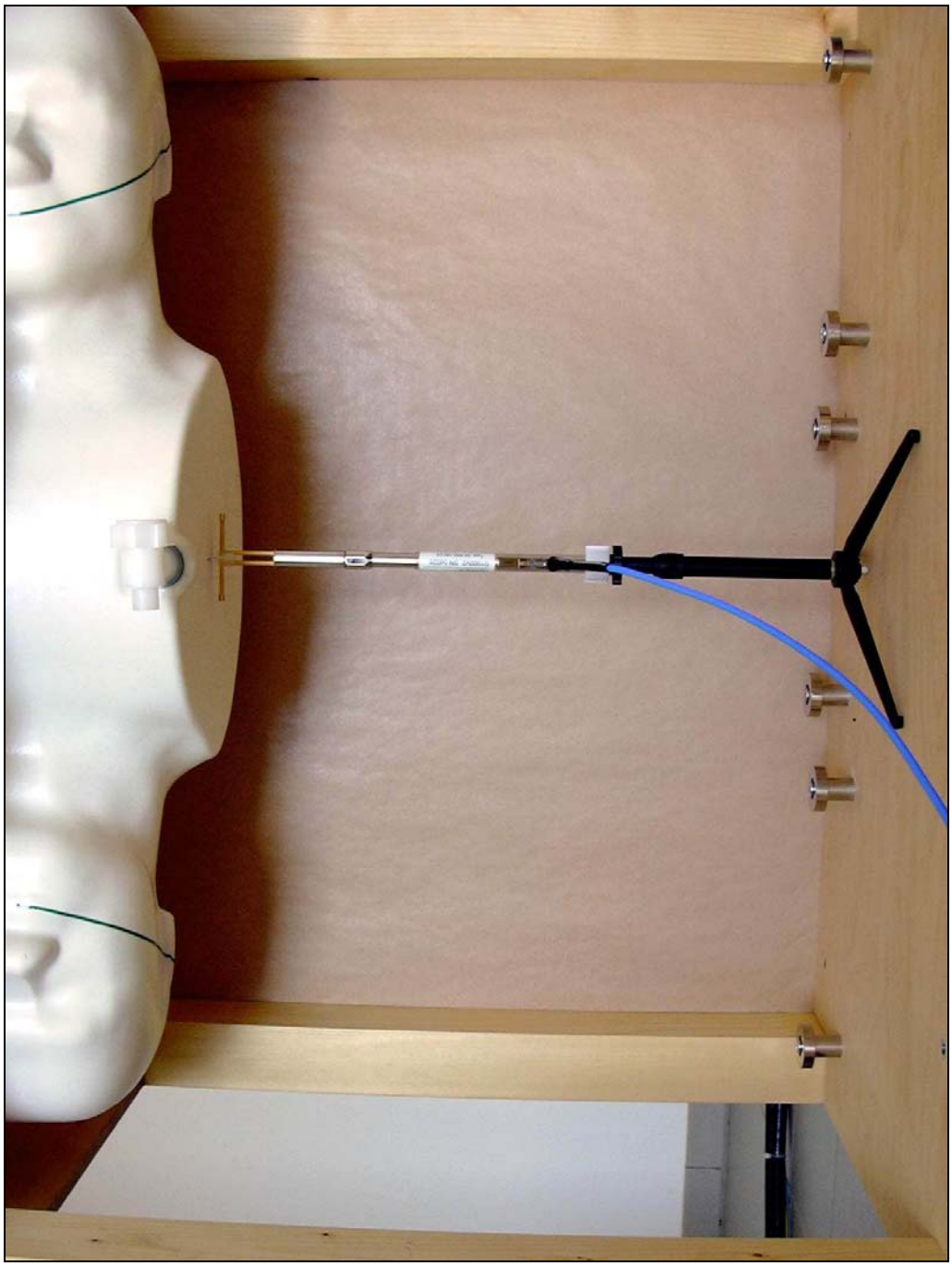
0 dB = 0.019mW/g

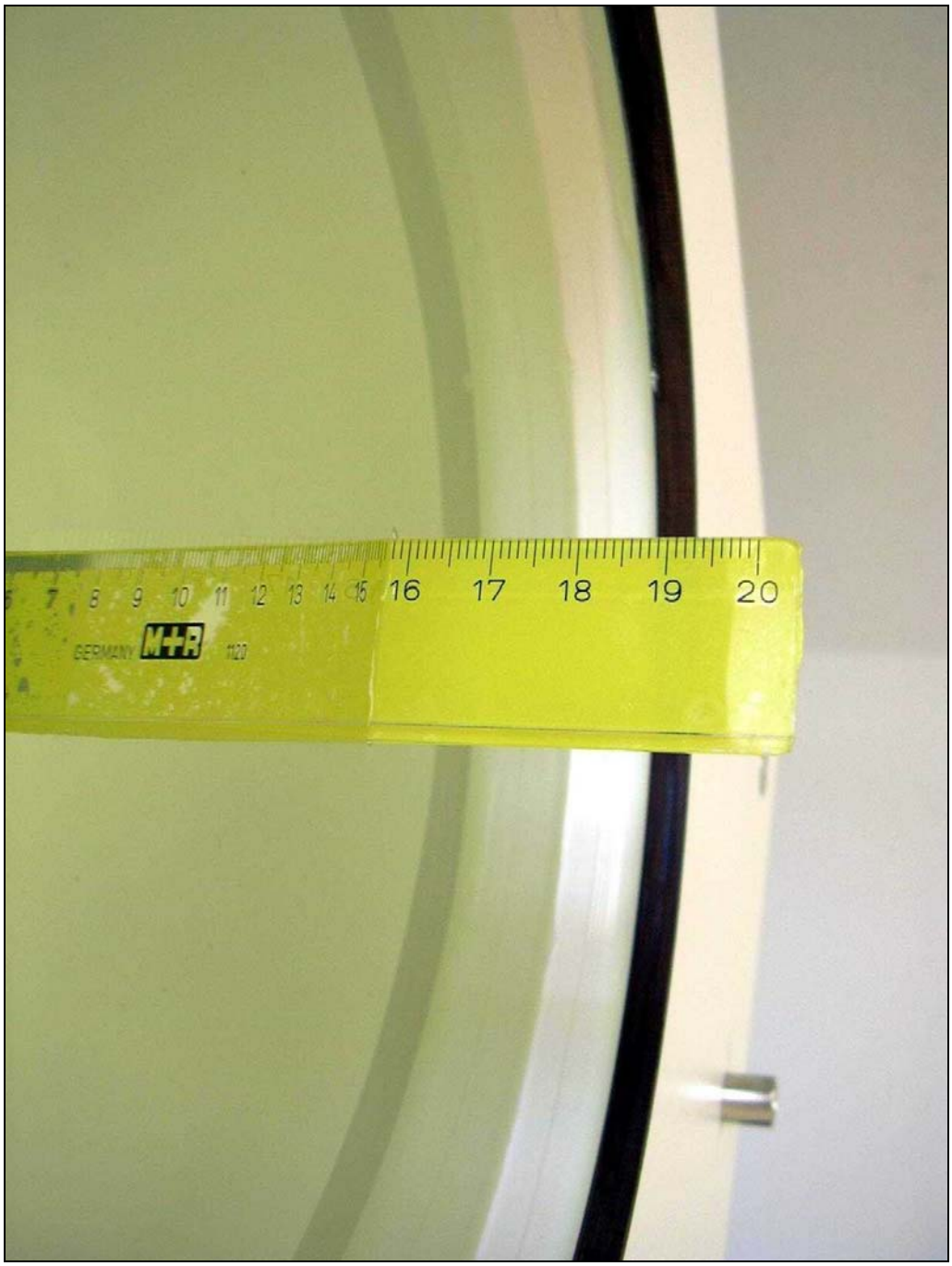
Appendix C

Pictures

Appendix

C. Pictures




16 17 18 19 20
GERMANY M+R