Appendix B

Measurement Plots

Date/Time: 5/11/2007 14:40:01

Test Laboratory: ETS PRODUCT SERVICE AG

Dipol Valid.1900(h)_250mW_11.05.07

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d025

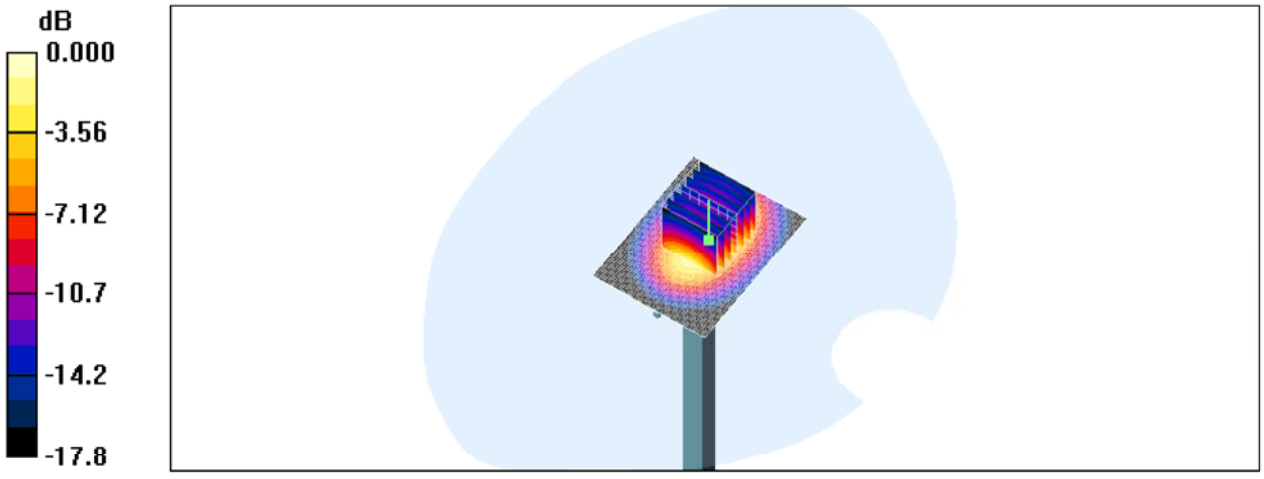
Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: Head 1900 MHz Medium parameters used: f = 1900 MHz; σ = 1.42 mho/m; ε_r = 39.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.16, 5.16, 5.16); Calibrated: 10/16/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/21/2006
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 171

Dipol 1900 (250mW)/Area Scan (61x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 11.5 mW/g

Dipol 1900 (250mW)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 90.9 V/m; Power Drift = -0.042 dB
Peak SAR (extrapolated) = 17.3 W/kg
SAR(1 g) = 9.81 mW/g; SAR(10 g) = 5.1 mW/g
Maximum value of SAR (measured) = 11.1 mW/g



0 dB = 11.1mW/g

Date/Time: 5/11/2007 19:40:39

Test Laboratory: ETS PRODUCT SERVICE AG

Dipol Valid.1900(m)_250mW_11.05.07

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d025

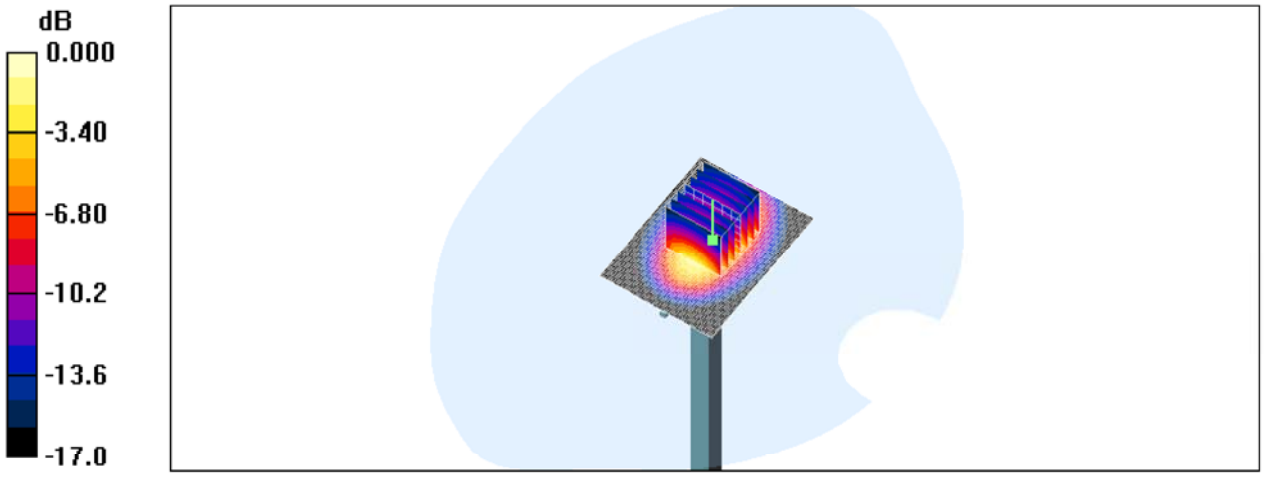
Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: Muscle 1900 MHz Medium parameters used: f = 1900 MHz; σ = 1.58 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.57, 4.57, 4.57); Calibrated: 10/16/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/21/2006
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 171

Dipol 1900 (250mW)/Area Scan (61x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 12.6 mW/g

Dipol 1900 (250mW)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 88.9 V/m; Power Drift = -0.023 dB
Peak SAR (extrapolated) = 18.1 W/kg
SAR(1 g) = 10.6 mW/g; SAR(10 g) = 5.61 mW/g
Maximum value of SAR (measured) = 12.1 mW/g



0 dB = 12.1mW/g

Date/Time: 5/11/2007 17:27:25

Test Laboratory: ETS PRODUCT SERVICE AG

UPCS_left_ch2_cheek

DUT: MR300; Type: DECT Mobile Handset

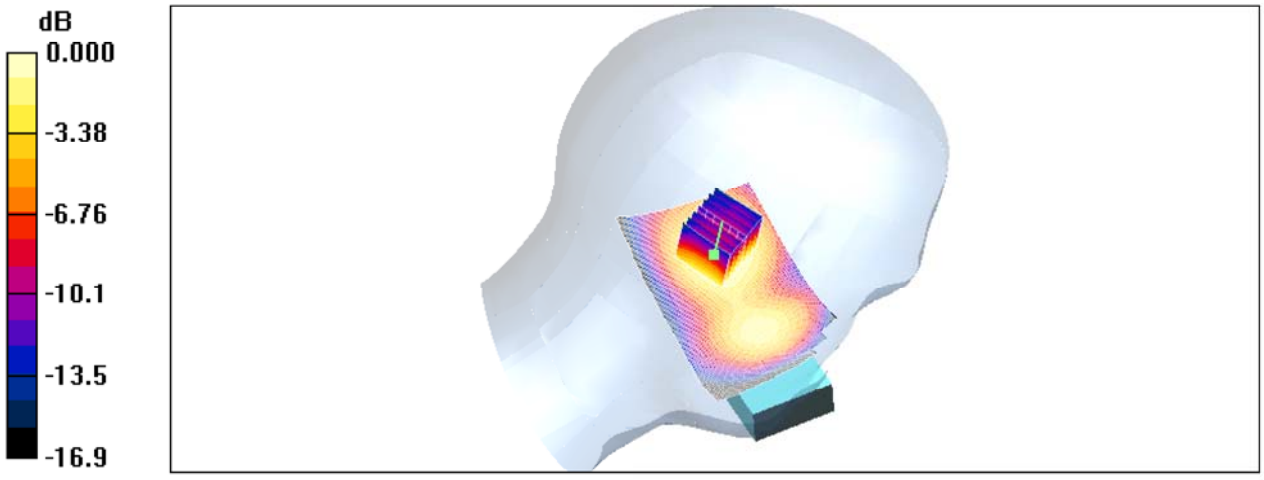
Communication System: UPCS single slot; Frequency: 1924.99 MHz;Duty Cycle: 1:24
Medium: Head 1900 MHz Medium parameters used: f = 1924.99 MHz; σ = 1.44 mho/m; ε_r = 39.7; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.89, 4.89, 4.89); Calibrated: 10/16/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/21/2006
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 171

MR300/Area Scan (81x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.059 mW/g

MR300/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.62 V/m; Power Drift = 0.018 dB
Peak SAR (extrapolated) = 0.077 W/kg
SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.058 mW/g



0 dB = 0.058mW/g

Date/Time: 5/11/2007 17:55:52

Test Laboratory: ETS PRODUCT SERVICE AG

UPCS_left_ch2_tilted

DUT: MR300; Type: DECT Mobile Handset

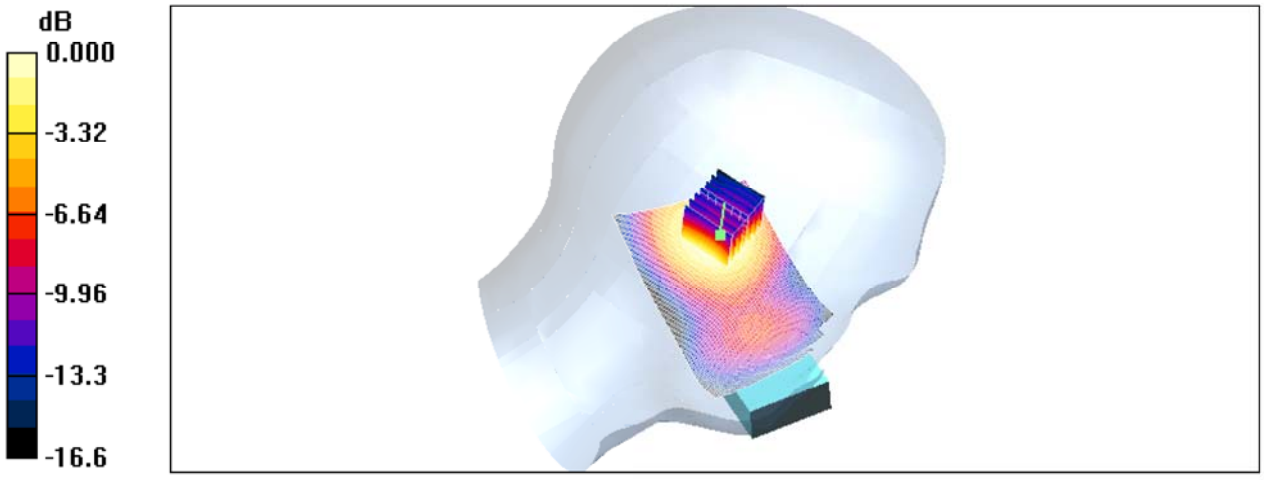
Communication System: UPCS single slot; Frequency: 1924.99 MHz;Duty Cycle: 1:24
Medium: Head 1900 MHz Medium parameters used: f = 1924.99 MHz; σ = 1.44 mho/m; ε_r = 39.7; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.89, 4.89, 4.89); Calibrated: 10/16/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/21/2006
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 171

MR300/Area Scan (81x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.066 mW/g

MR300/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.61 V/m; Power Drift = 0.039 dB
Peak SAR (extrapolated) = 0.094 W/kg
SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.036 mW/g
Maximum value of SAR (measured) = 0.065 mW/g



0 dB = 0.065mW/g

Date/Time: 5/11/2007 18:55:23

Test Laboratory: ETS PRODUCT SERVICE AG

UPCS_right_ch0_cheek

DUT: MR300; Type: DECT Mobile Handset

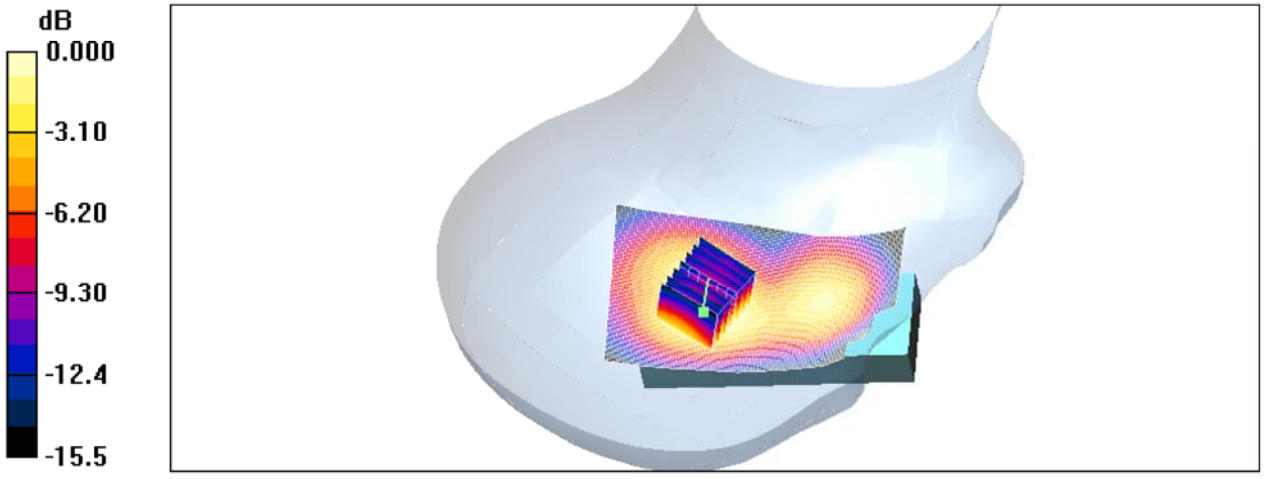
Communication System: UPCS single slot; Frequency: 1928.45 MHz;Duty Cycle: 1:24
Medium: Head 1900 MHz Medium parameters used: f = 1928.45 MHz; σ = 1.45 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.89, 4.89, 4.89); Calibrated: 10/16/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/21/2006
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 171

MR300/Area Scan (81x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.065 mW/g

MR300/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.21 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 0.089 W/kg
SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.037 mW/g
Maximum value of SAR (measured) = 0.067 mW/g



0 dB = 0.067mW/g

Date/Time: 5/11/2007 16:28:25

Test Laboratory: ETS PRODUCT SERVICE AG

UPCS_right_ch2_cheek

DUT: MR300; Type: DECT Mobile Handset

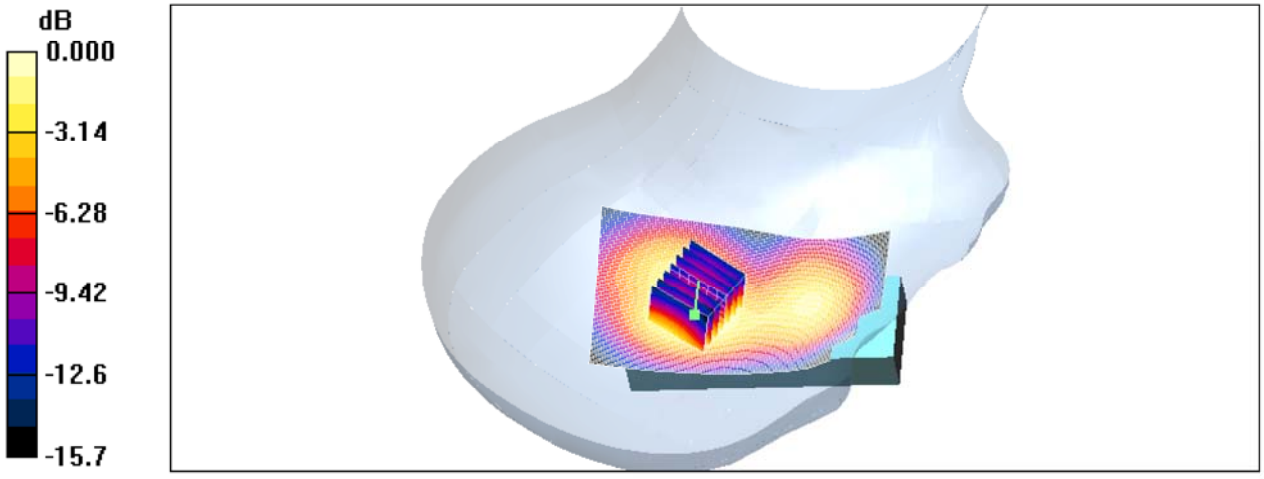
Communication System: UPCS single slot; Frequency: 1924.99 MHz;Duty Cycle: 1:24
Medium: Head 1900 MHz Medium parameters used: f = 1924.99 MHz; σ = 1.44 mho/m; ε_r = 39.7; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.89, 4.89, 4.89); Calibrated: 10/16/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/21/2006
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 171

MR300/Area Scan (81x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.066 mW/g

MR300/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.13 V/m; Power Drift = 0.033 dB
Peak SAR (extrapolated) = 0.089 W/kg
SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.037 mW/g
Maximum value of SAR (measured) = 0.065 mW/g



0 dB = 0.065mW/g

Date/Time: 5/11/2007 16:57:45

Test Laboratory: ETS PRODUCT SERVICE AG

UPCS_right_ch2_tilted

DUT: MR300; Type: DECT Mobile Handset

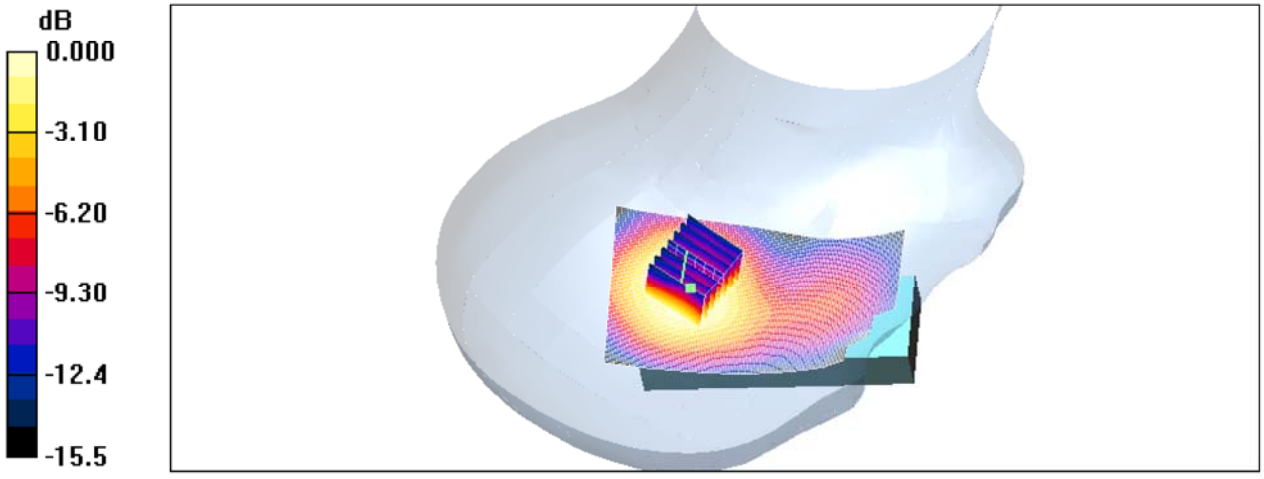
Communication System: UPCS single slot; Frequency: 1924.99 MHz;Duty Cycle: 1:24
Medium: Head 1900 MHz Medium parameters used: f = 1924.99 MHz; σ = 1.44 mho/m; ε_r = 39.7; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.89, 4.89, 4.89); Calibrated: 10/16/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/21/2006
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 171

MR300/Area Scan (81x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.055 mW/g

MR300/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.29 V/m; Power Drift = 0.012 dB
Peak SAR (extrapolated) = 0.080 W/kg
SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.054 mW/g



0 dB = 0.054mW/g

Date/Time: 5/11/2007 18:27:37

Test Laboratory: ETS PRODUCT SERVICE AG

UPCS_right_ch4_cheek

DUT: MR300; Type: DECT Mobile Handset

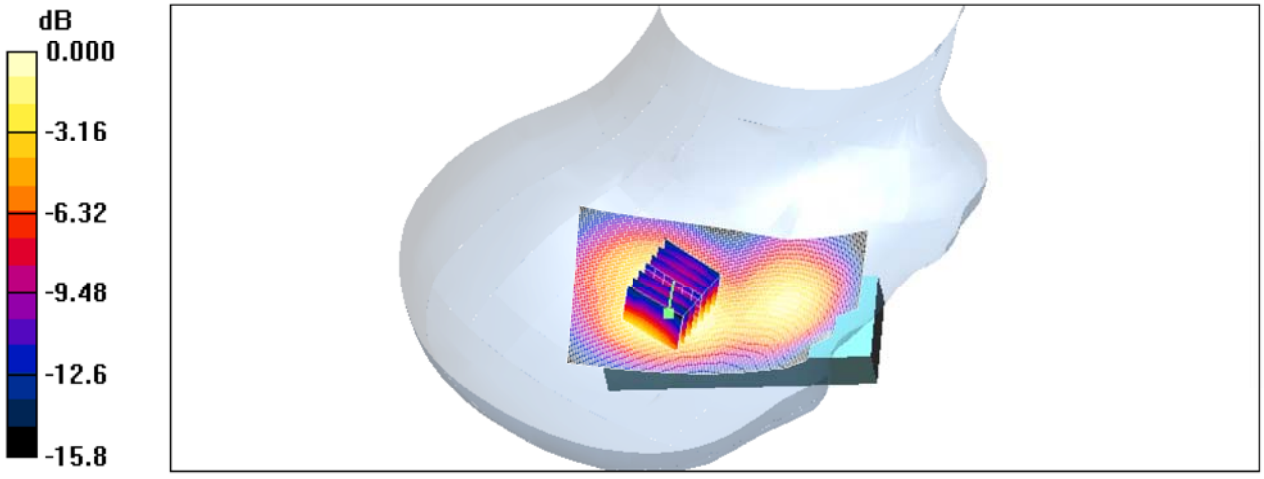
Communication System: UPCS single slot; Frequency: 1921.54 MHz;Duty Cycle: 1:24
Medium: Head 1900 MHz Medium parameters used: f = 1921.54 MHz; σ = 1.44 mho/m; ε_r = 39.7; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.89, 4.89, 4.89); Calibrated: 10/16/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/21/2006
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 171

MR300/Area Scan (81x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.066 mW/g

MR300/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.21 V/m; Power Drift = 0.010 dB
Peak SAR (extrapolated) = 0.090 W/kg
SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.037 mW/g
Maximum value of SAR (measured) = 0.067 mW/g



0 dB = 0.067mW/g

Date/Time: 5/11/2007 20:56:41

Test Laboratory: ETS PRODUCT SERVICE AG

UPCS_flat_ch0_front

DUT: MR300; Type: DECT Mobile Handset

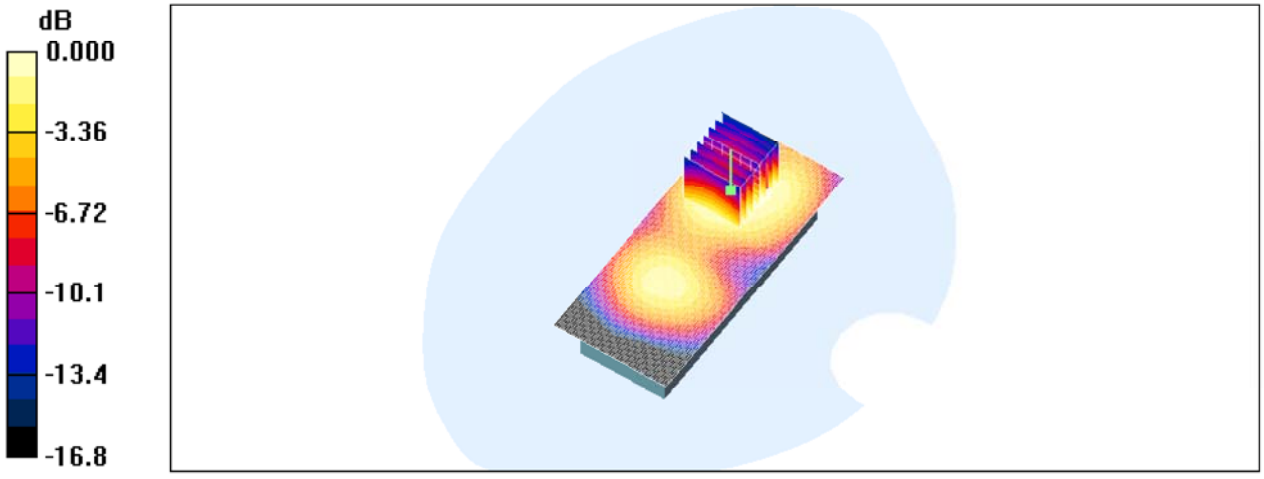
Communication System: UPCS single slot; Frequency: 1928.45 MHz;Duty Cycle: 1:24
Medium: Muscle 1900 MHz Medium parameters used: f = 1928.54 MHz; σ = 1.61 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.42, 4.42, 4.42); Calibrated: 10/16/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/21/2006
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 171

MR300/Area Scan (61x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.073 mW/g

MR300/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.88 V/m; Power Drift = -0.025 dB
Peak SAR (extrapolated) = 0.098 W/kg
SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.042 mW/g
Maximum value of SAR (measured) = 0.073 mW/g



0 dB = 0.073mW/g

Date/Time: 5/11/2007 20:32:12

Test Laboratory: ETS PRODUCT SERVICE AG

UPCS_flat_ch2_front

DUT: MR300; Type: DECT Mobile Handset

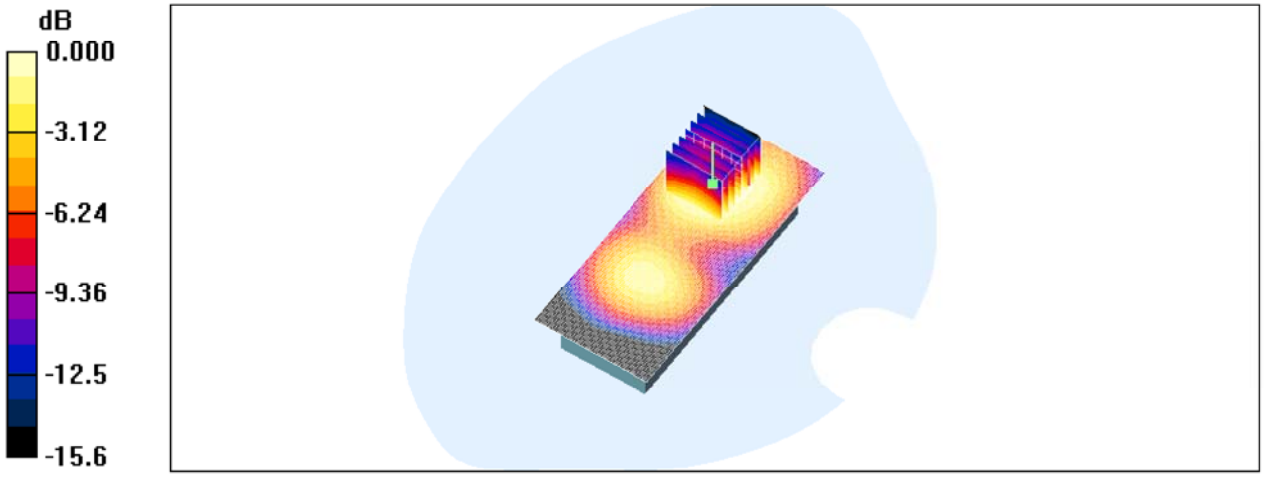
Communication System: UPCS single slot; Frequency: 1924.99 MHz;Duty Cycle: 1:24
Medium: Muscle 1900 MHz Medium parameters used: f = 1924.99 MHz; σ = 1.6 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.42, 4.42, 4.42); Calibrated: 10/16/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/21/2006
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 171

MR300/Area Scan (61x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.071 mW/g

MR300/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.88 V/m; Power Drift = -0.106 dB
Peak SAR (extrapolated) = 0.094 W/kg
SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.041 mW/g
Maximum value of SAR (measured) = 0.071 mW/g



0 dB = 0.071mW/g

Date/Time: 5/11/2007 20:07:18

Test Laboratory: ETS PRODUCT SERVICE AG

UPCS_flat_ch2_back

DUT: MR300; Type: DECT Mobile Handset

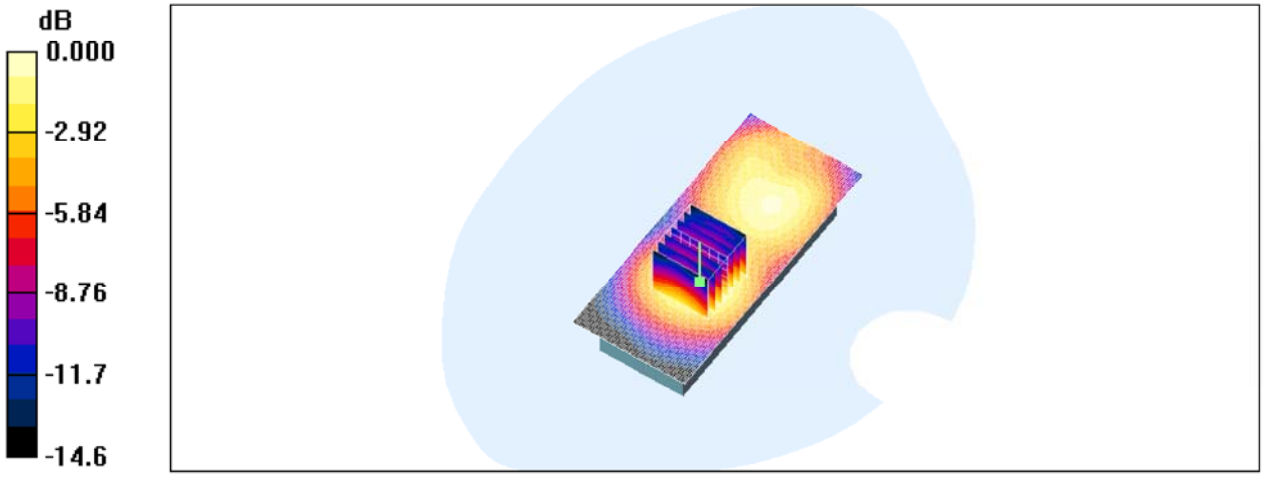
Communication System: UPCS single slot; Frequency: 1924.99 MHz;Duty Cycle: 1:24
Medium: Muscle 1900 MHz Medium parameters used: f = 1924.99 MHz; σ = 1.6 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.42, 4.42, 4.42); Calibrated: 10/16/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/21/2006
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 171

MR300/Area Scan (61x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.060 mW/g

MR300/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.37 V/m; Power Drift = 0.041 dB
Peak SAR (extrapolated) = 0.081 W/kg
SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.059 mW/g



0 dB = 0.059mW/g

Date/Time: 5/11/2007 21:21:03

Test Laboratory: ETS PRODUCT SERVICE AG

UPCS_flat_ch4_front

DUT: MR300; Type: DECT Mobile Handset

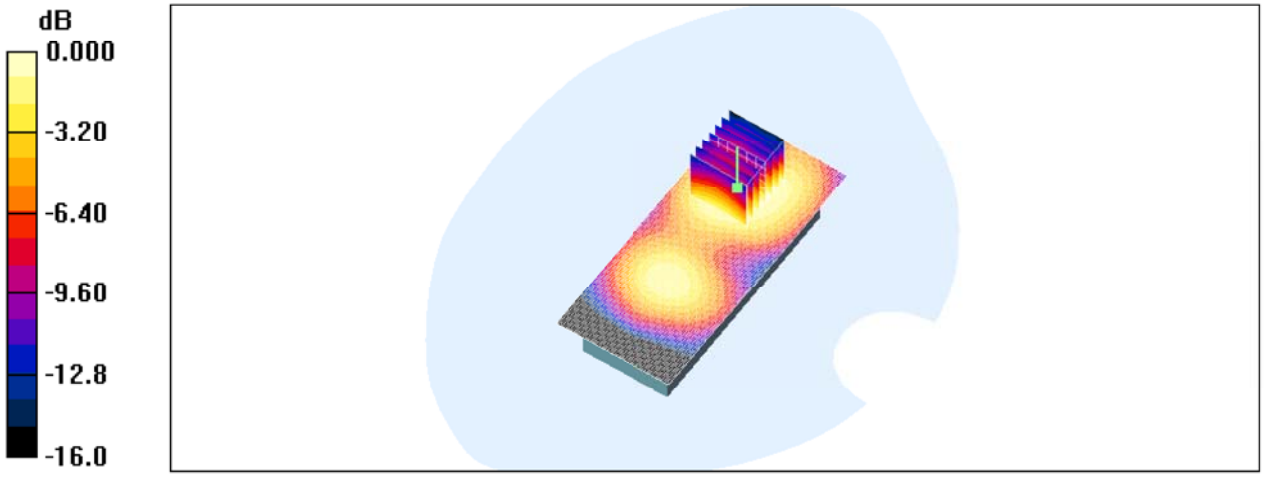
Communication System: UPCS single slot; Frequency: 1921.54 MHz;Duty Cycle: 1:24
Medium: Muscle 1900 MHz Medium parameters used: f = 1921.54 MHz; σ = 1.6 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.42, 4.42, 4.42); Calibrated: 10/16/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/21/2006
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 171

MR300/Area Scan (61x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.070 mW/g

MR300/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.87 V/m; Power Drift = -0.059 dB
Peak SAR (extrapolated) = 0.093 W/kg
SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.041 mW/g
Maximum value of SAR (measured) = 0.070 mW/g



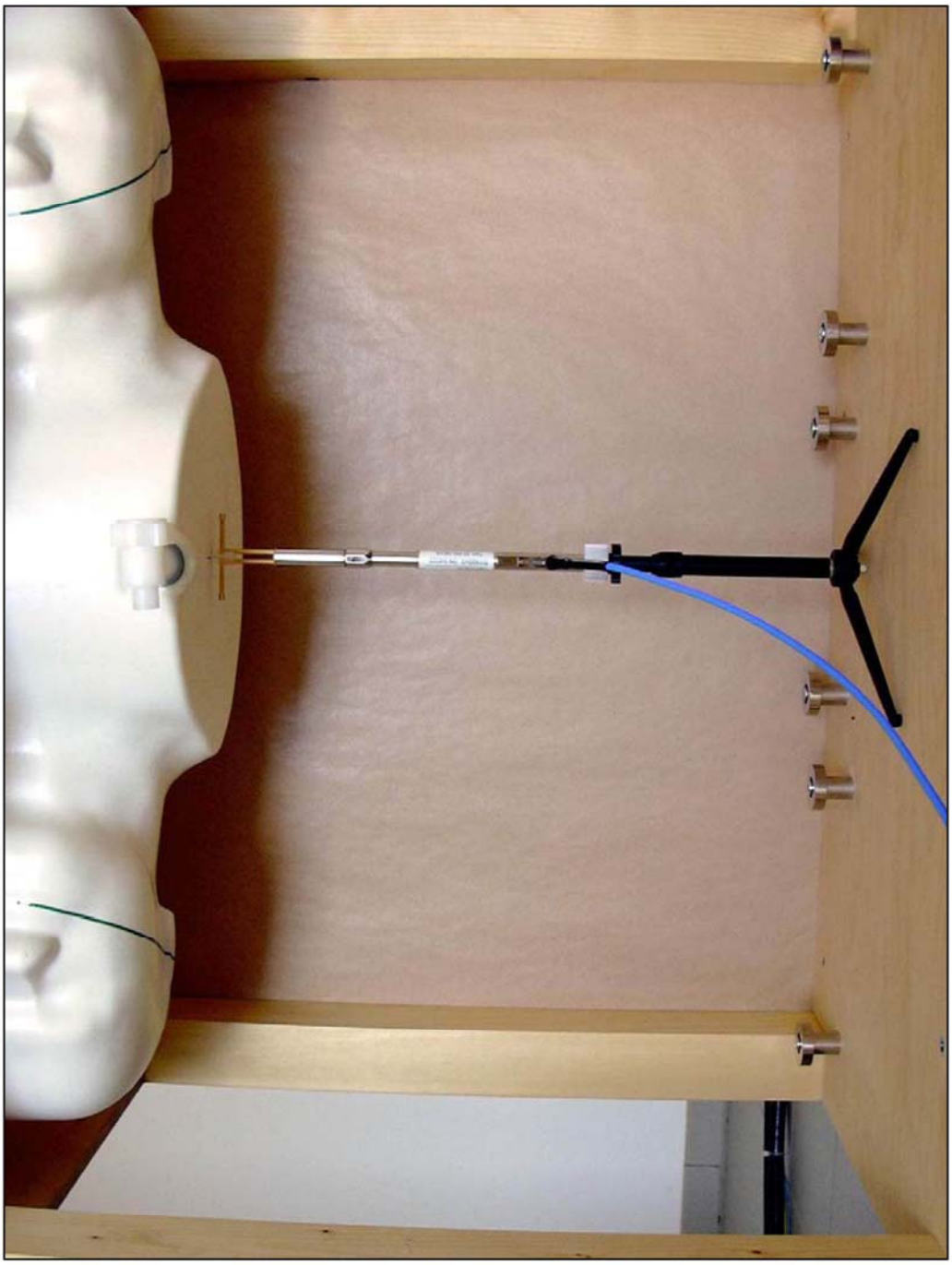
0 dB = 0.070mW/g

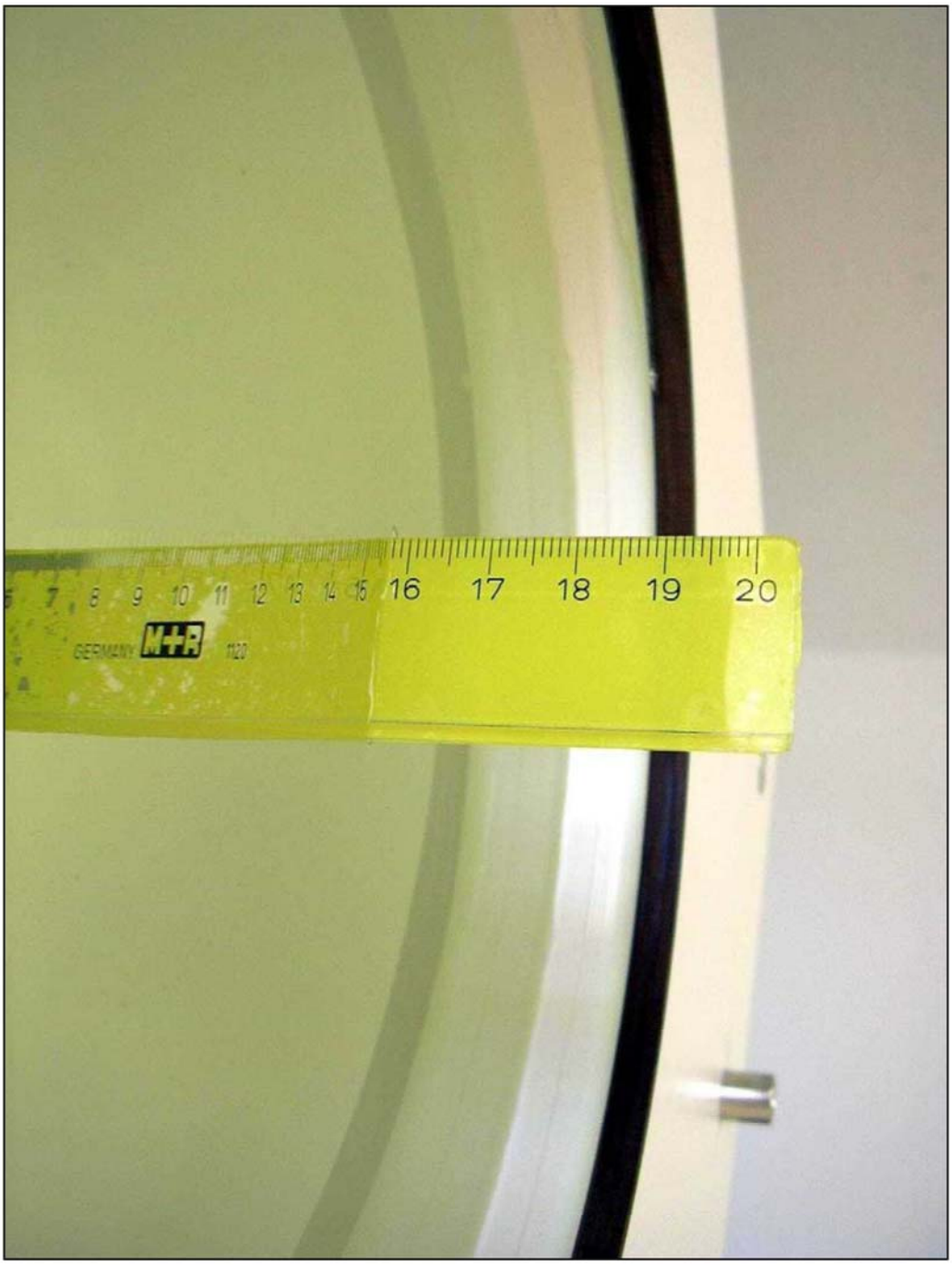
Appendix C

Pictures

Appendix C

Pictures




16 17 18 19 20
GERMANY M+R 1120