Appendix B

Measurement Plots

Date/Time: 3/20/2007 11:25:22

Test Laboratory: ETS PRODUCT SERVICE AG

Dipol Valid.1900 (m)_250mW_ELI 4_20.3.2007

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

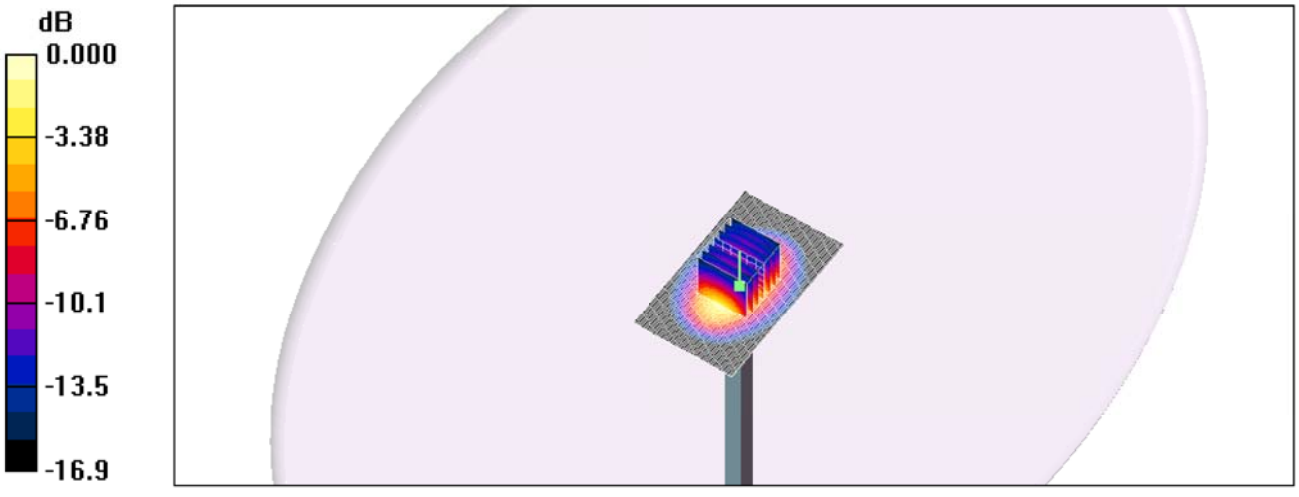
Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: Muscle 1900 MHz Medium parameters used: f = 1900 MHz; σ = 1.58 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 171

Dipol 900 (250mW)/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 12.7 mW/g

Dipol 900 (250mW)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 96.2 V/m; Power Drift = -0.057 dB
Peak SAR (extrapolated) = 17.9 W/kg
SAR(1 g) = 11.3 mW/g; SAR(10 g) = 6.05 mW/g
Maximum value of SAR (measured) = 12.7 mW/g



0 dB = 12.7mW/g

Date/Time: 3/21/2007 09:16:36

Test Laboratory: ETS PRODUCT SERVICE AG

Dipol Valid.1900 (m)_250mW_ELI 4_21.3.2007

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

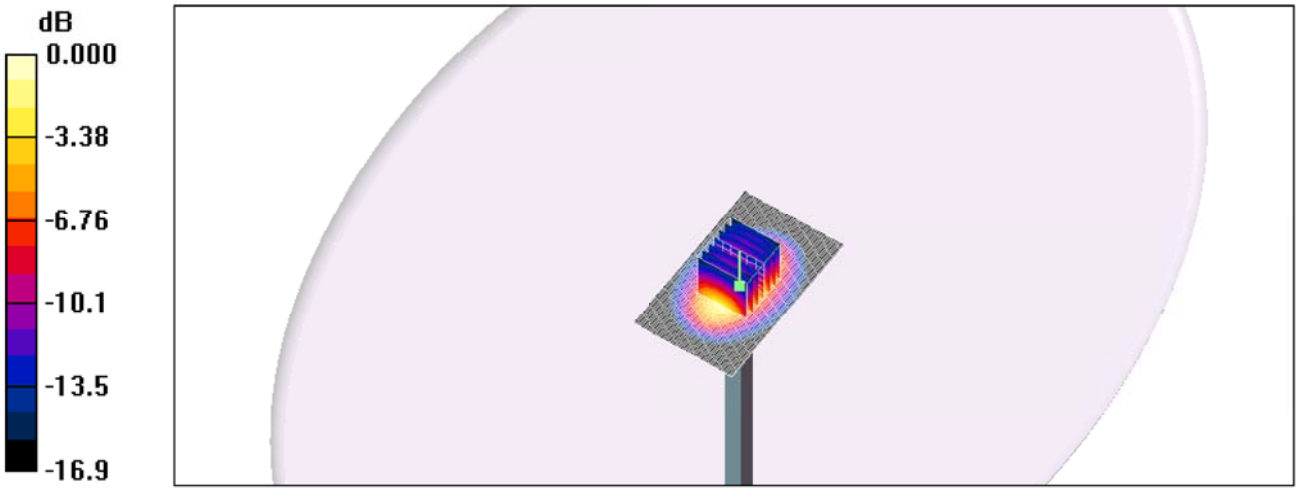
Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: Muscle 1900 MHz Medium parameters used: f = 1900 MHz; σ = 1.58 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 171

Dipol 900 (250mW)/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 12.6 mW/g

Dipol 900 (250mW)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 95.9 V/m; Power Drift = -0.017 dB
Peak SAR (extrapolated) = 17.6 W/kg
SAR(1 g) = 11.1 mW/g; SAR(10 g) = 5.95 mW/g
Maximum value of SAR (measured) = 12.6 mW/g



0 dB = 12.6mW/g

Date/Time: 3/21/2007 07:05:36

Test Laboratory: ETS PRODUCT SERVICE AG

ELI 4_front_0mm

DUT: Alcatel base station; Type: Alcatel base station; Serial: -

Communication System: UPCS double slot; Frequency: 1924.99 MHz;Duty Cycle: 1:12
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

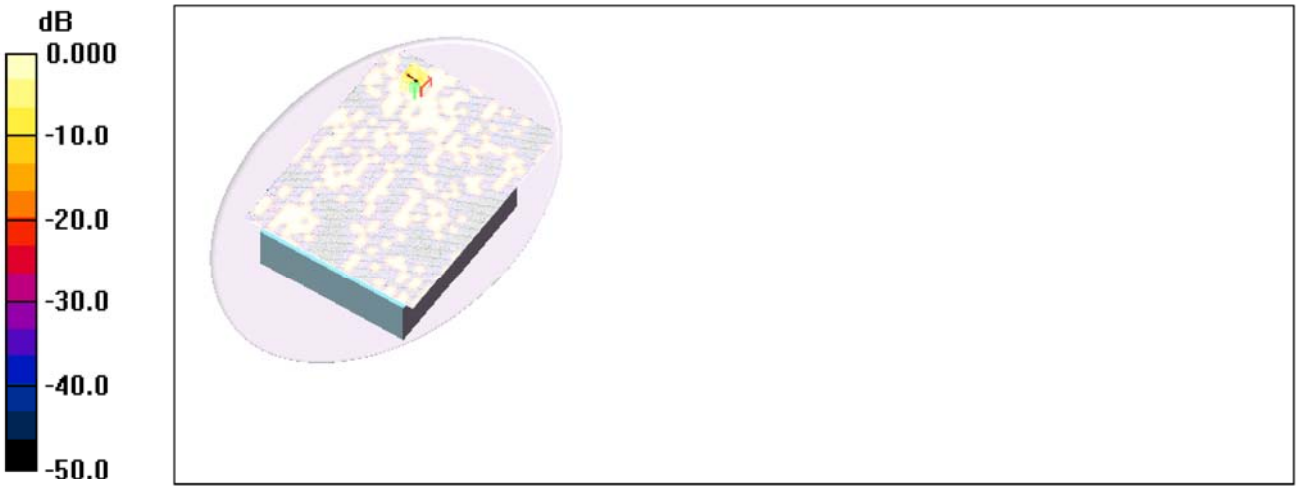
DASY4 Configuration:

- 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: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 171

Alcatel base station/Area Scan (271x351x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.003 mW/g

Alcatel base station/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.362 V/m; Power Drift = 0.082 dB
Peak SAR (extrapolated) = 0.002 W/kg
SAR(1 g) = 0.000734 mW/g; SAR(10 g) = 0.000447 mW/g

Maximum value of SAR (measured) = 0.001 mW/g



0 dB = 0.001mW/g

Date/Time: 3/20/2007 14:01:10

Test Laboratory: ETS PRODUCT SERVICE AG

DECT_ELI 4_back_0mm

DUT: Alcatel base station; Type: Alcatel base station; Serial: -

Communication System: UPCS double slot; Frequency: 1924.99 MHz;Duty Cycle: 1:12
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

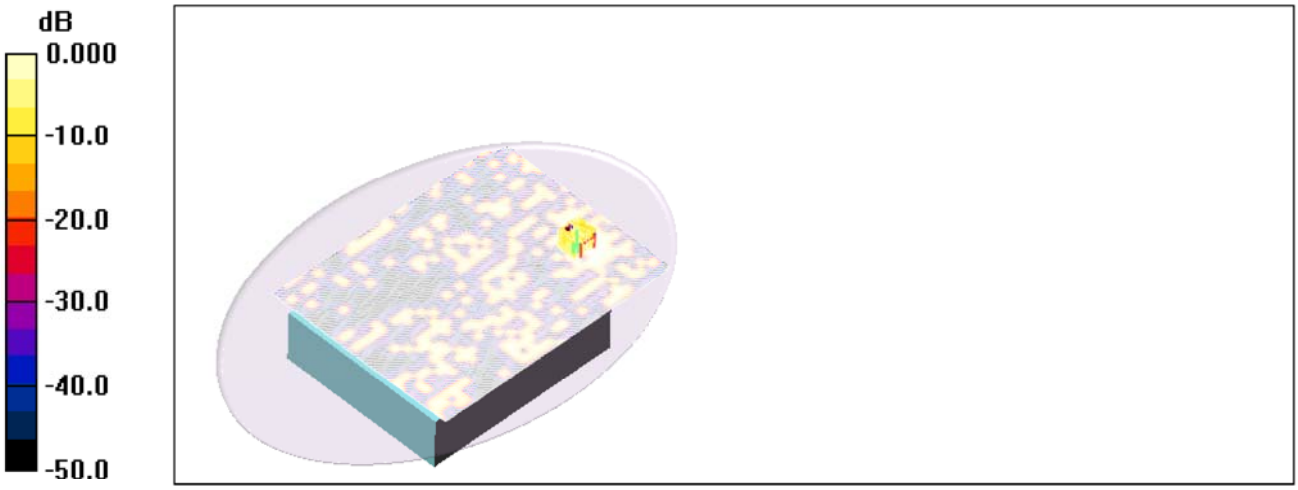
DASY4 Configuration:

- 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: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 171

Alcatel base station/Area Scan (271x351x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.005 mW/g

Alcatel base station/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.414 V/m; Power Drift = 0.023 dB
Peak SAR (extrapolated) = 0.006 W/kg
SAR(1 g) = 0.00196 mW/g; SAR(10 g) = 0.00107 mW/g

Maximum value of SAR (measured) = 0.002 mW/g



0 dB = 0.002mW/g

Date/Time: 3/20/2007 14:01:10

Test Laboratory: ETS PRODUCT SERVICE AG

ELI 4_back_z-axis scan

DUT: Alcatel base station; Type: Alcatel base station; Serial: -

Communication System: UPCS double slot; Frequency: 1924.99 MHz;Duty Cycle: 1:12
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

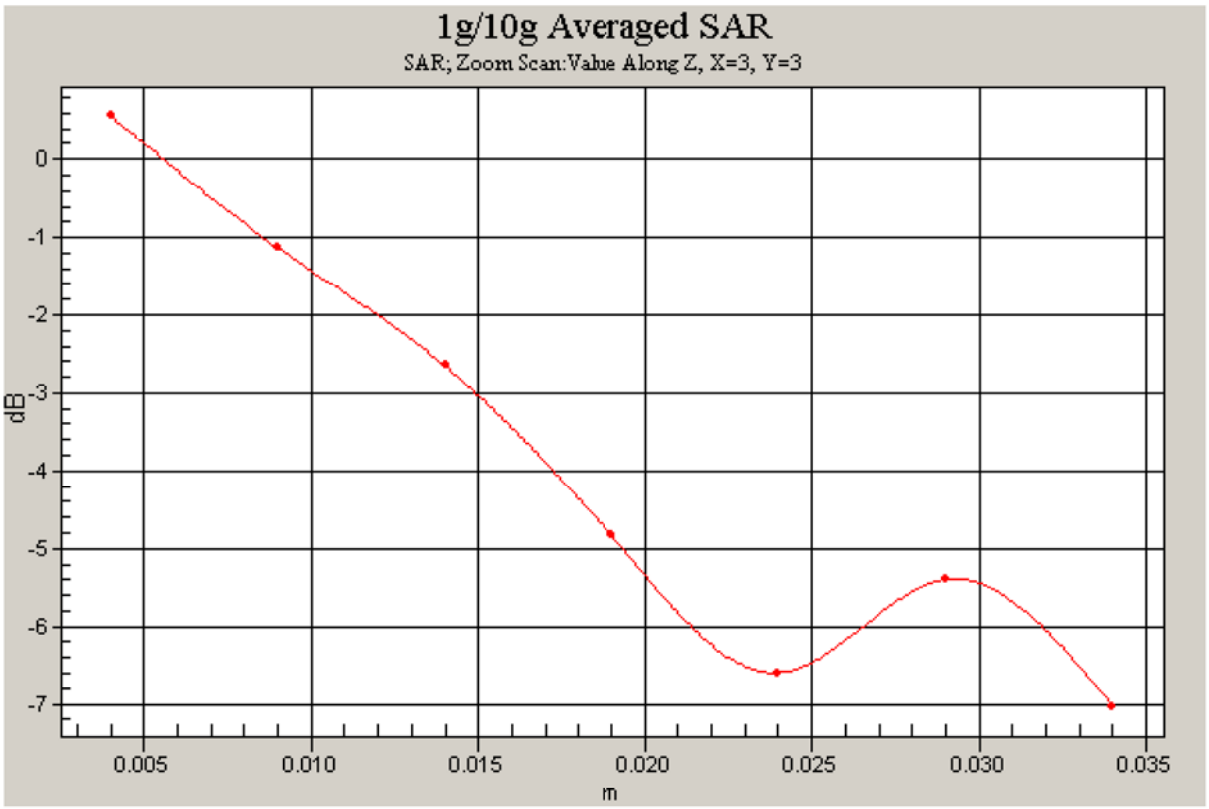
DASY4 Configuration:

- 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: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 171

Alcatel base station/Area Scan (271x351x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.005 mW/g

Alcatel base station/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.414 V/m; Power Drift = 0.023 dB
Peak SAR (extrapolated) = 0.006 W/kg
SAR(1 g) = 0.00196 mW/g; SAR(10 g) = 0.00107 mW/g

Maximum value of SAR (measured) = 0.002 mW/g



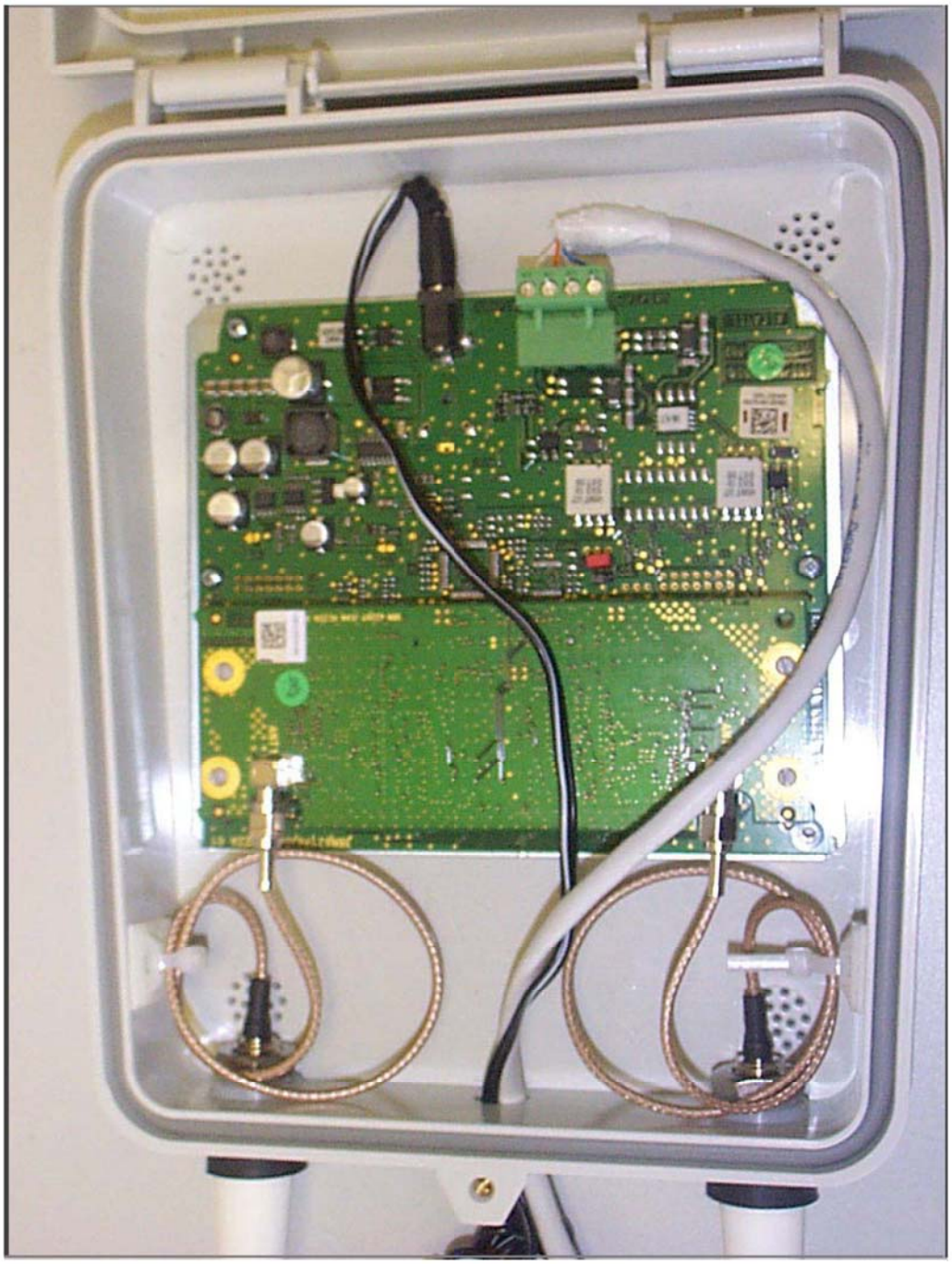
Appendix C

Pictures

Appendix

C. Pictures


ALCATEL
4070 EO
CAN 1737131112A
FCC ID: OYOPWTB
Complies with Part 68, FCC Rules
FCC Registration Number:
Certificate Number:
202584 – 2500009287
3BN66109ABJE 02
0607/000126
Made in France (E.E.C)
ALCATEL
OUTDOOR USA Intelligent Base Station
S M
4 3 2 1
A00703952145
Made in France (E.E.C)
4070 EO
1910 – 1930 MHz
42V ⎓ /150mA
3BN66109ABJE020706
User only with Alcatel Power Supply 1AF00446.



Dipole validation 1900 MHz

Liquid depth