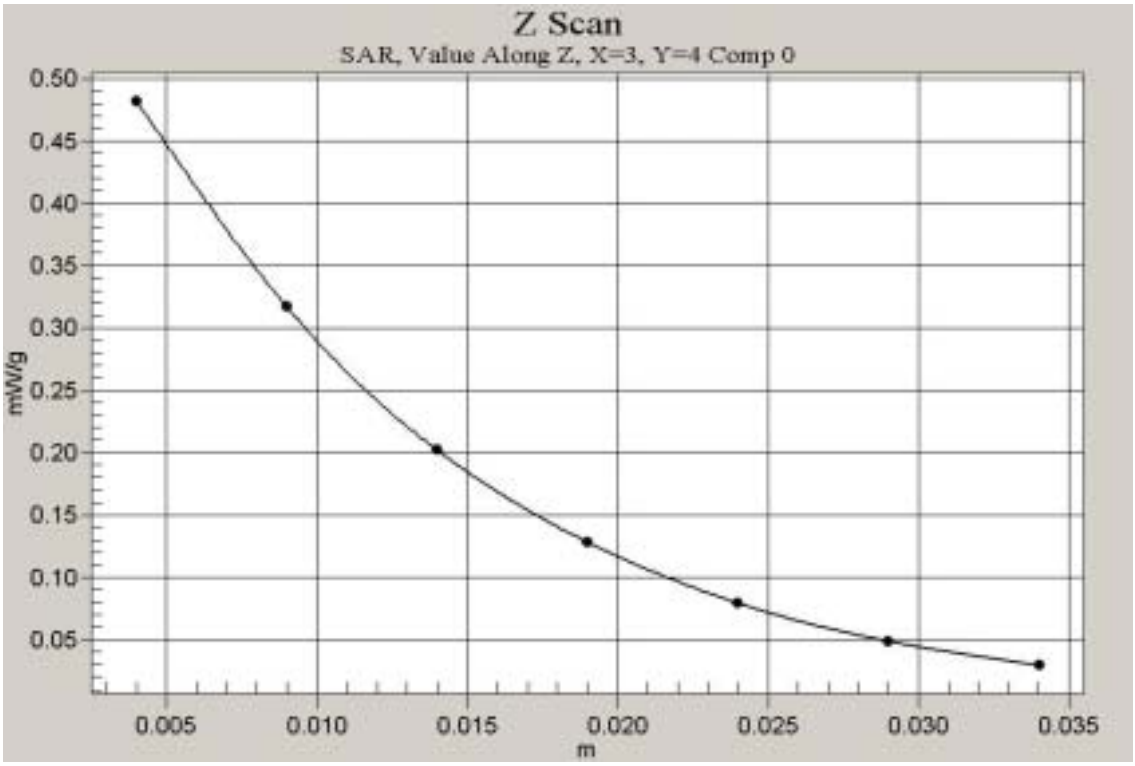

Fig. 62 Z-Scan at maximum power point (Right Hand Touch Cheek 1900MHz CH512)

Test Laboratory: TMC
File Name: SAR Test PCS 1900 Right.da4

DUT: CCT C8118 Type & Serial Number: 351597001983650
Program: SAR Test C8118 Right; C8118 Right Cheek M

Communication System: GSM 1900MHz; Frequency: 1880 MHz; Duty Cycle: 1:1
Phantom section: RightSection

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm
Reference Value = 16 V/m
Peak SAR = 0.627 mW/g
SAR(1 g) = 0.391 mW/g; SAR(10 g) = 0.223 mW/g
Power Drift = -0.0007 dB
Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

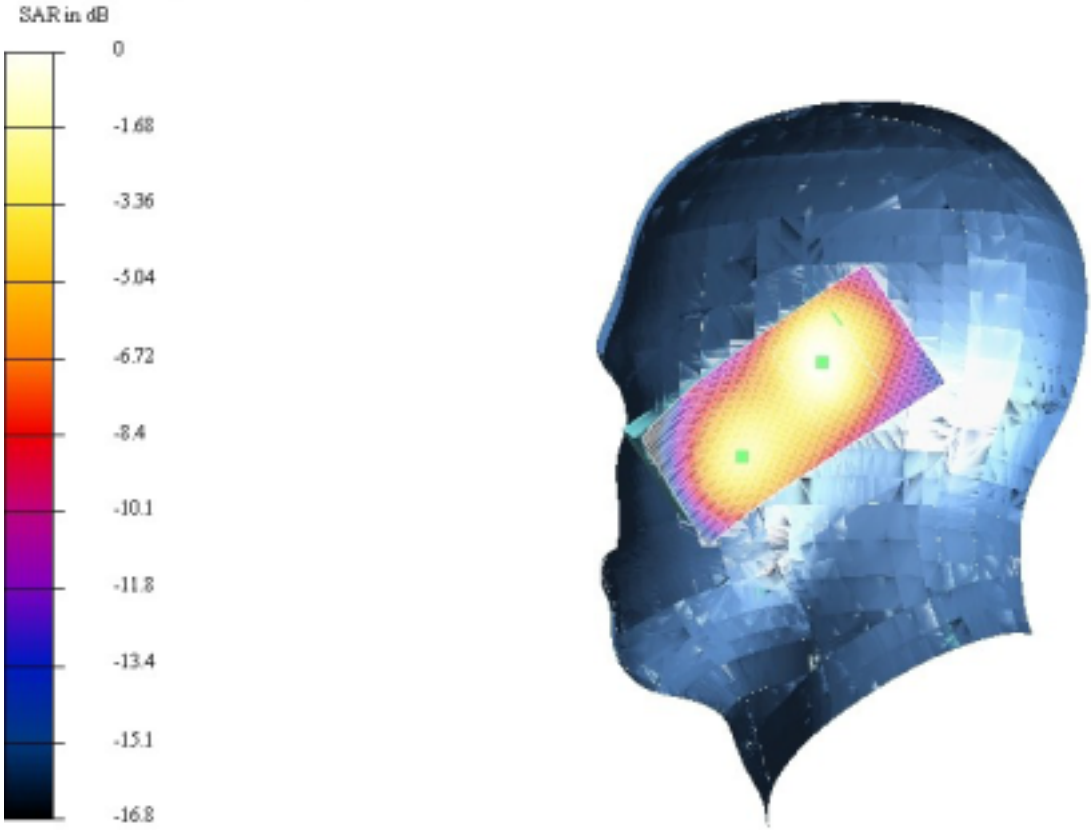

Fig. 63 Right Hand Touch Cheek 1900MHz CH661

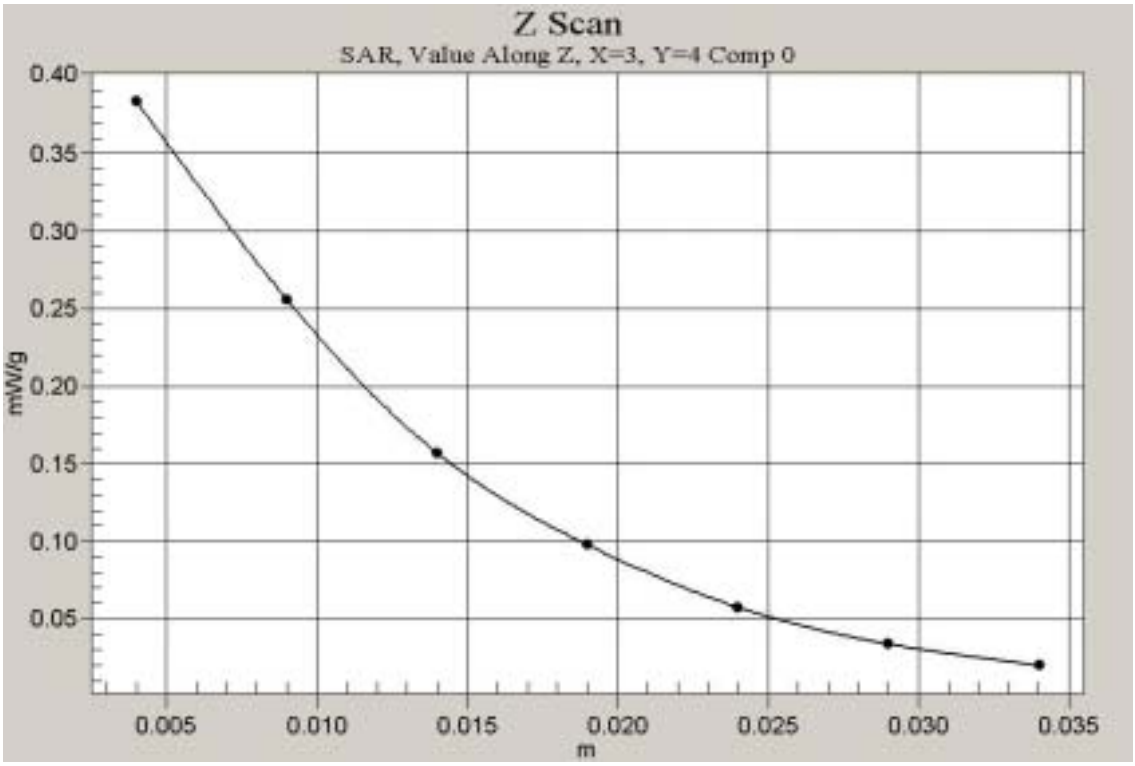

Fig. 64 Z-Scan at maximum power point (Right Hand Touch Cheek 1900MHz CH661)

Test Laboratory: TMC
File Name: SAR Test PCS 1900 Right-1.da4

DUT: CCT C8118 Type & Serial Number: 351597001983650
Program: SAR Test C8118 Right; C8118 Right Cheek H

Communication System: GSM 1900MHz; Frequency: 1909.8 MHz; Duty Cycle: 1:1
Phantom section: RightSection

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm
Reference Value = 12.2 V/m
Peak SAR = 0.348 mW/g
SAR(1 g) = 0.228 mW/g; SAR(10 g) = 0.129 mW/g
Power Drift = -0.01 dB
Area Scan (61x111x1): Measurement grid: dx=10mm, dy=10mm

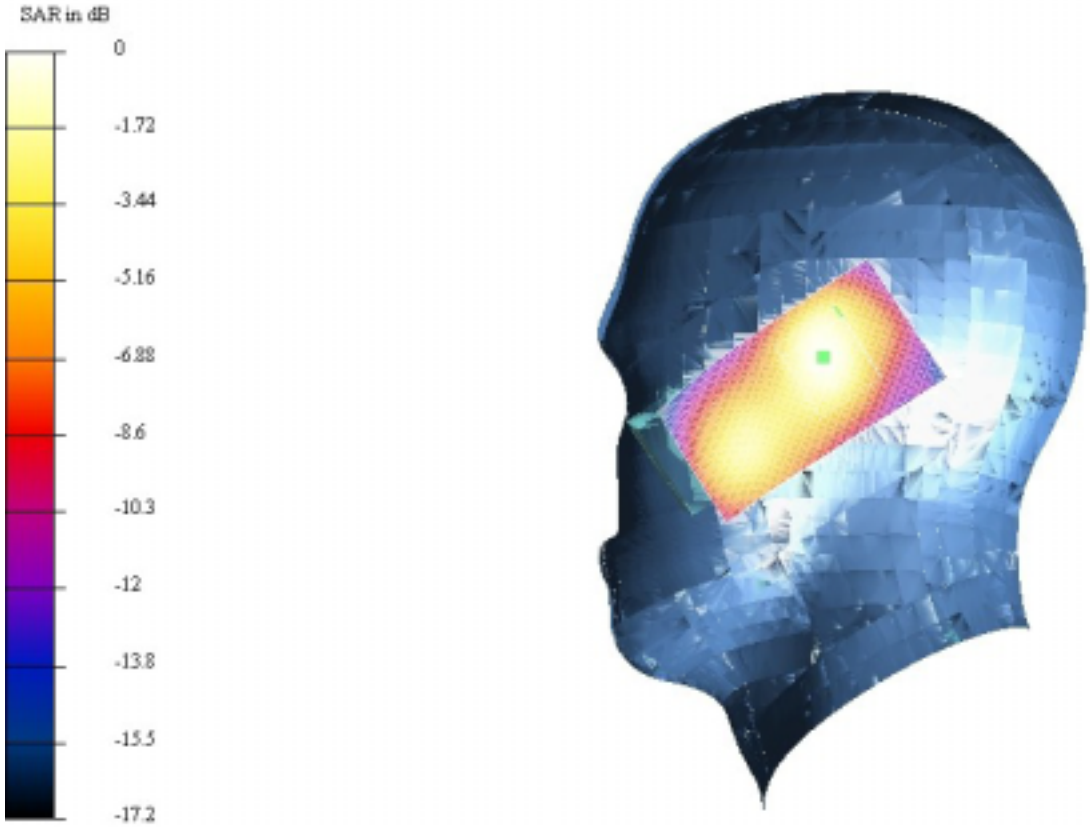

Fig. 65 Right Hand Touch Cheek 1900MHz CH810

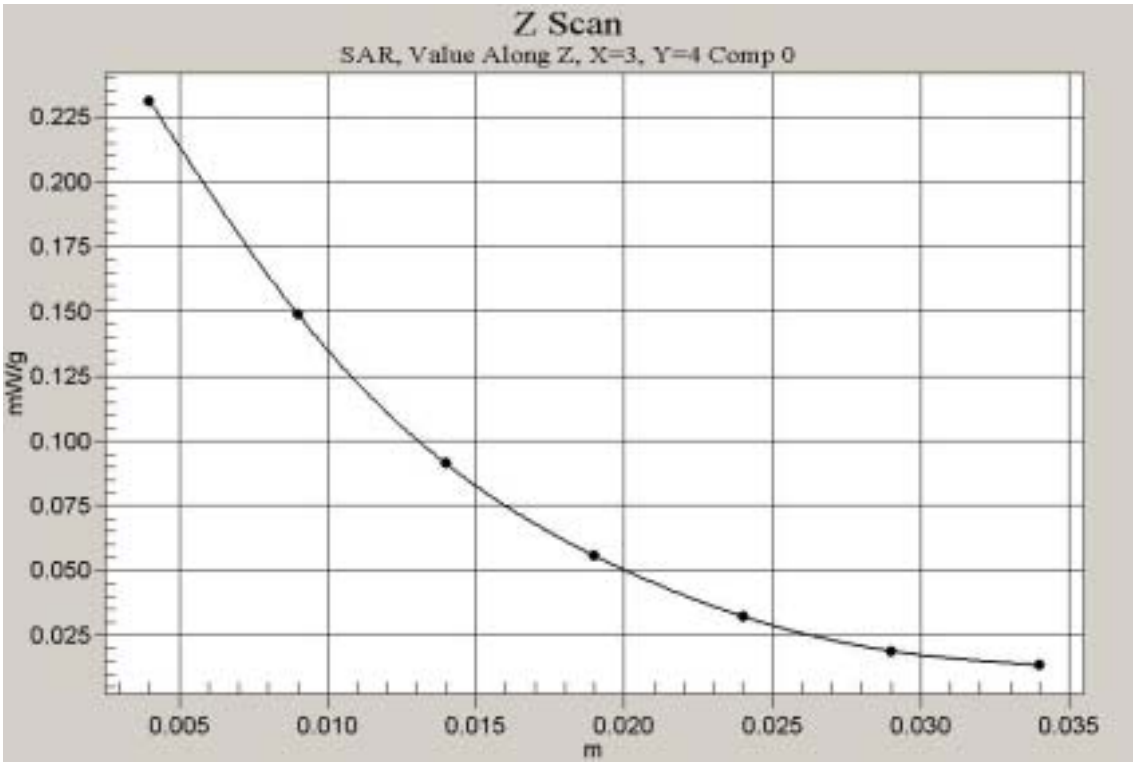

Fig. 66 Z-Scan at maximum power point (Right Hand Touch Cheek 1900MHz CH810)

Test Laboratory: TMC
File Name: SAR Test PCS 1900 Right.da4

DUT: CCT C8118 Type & Serial Number: 351597001983650
Program: SAR Test C8118 Right; C8118 Right Tilt L

Communication System: GSM 1900MHz; Frequency: 1850.2 MHz; Duty Cycle: 1:1
Phantom section: RightSection

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm
Reference Value = 20.8 V/m
Peak SAR = 0.902 mW/g
SAR(1 g) = 0.561 mW/g; SAR(10 g) = 0.318 mW/g
Power Drift = -0.02 dB
Area Scan (61x111x1): Measurement grid: dx=10mm, dy=10mm

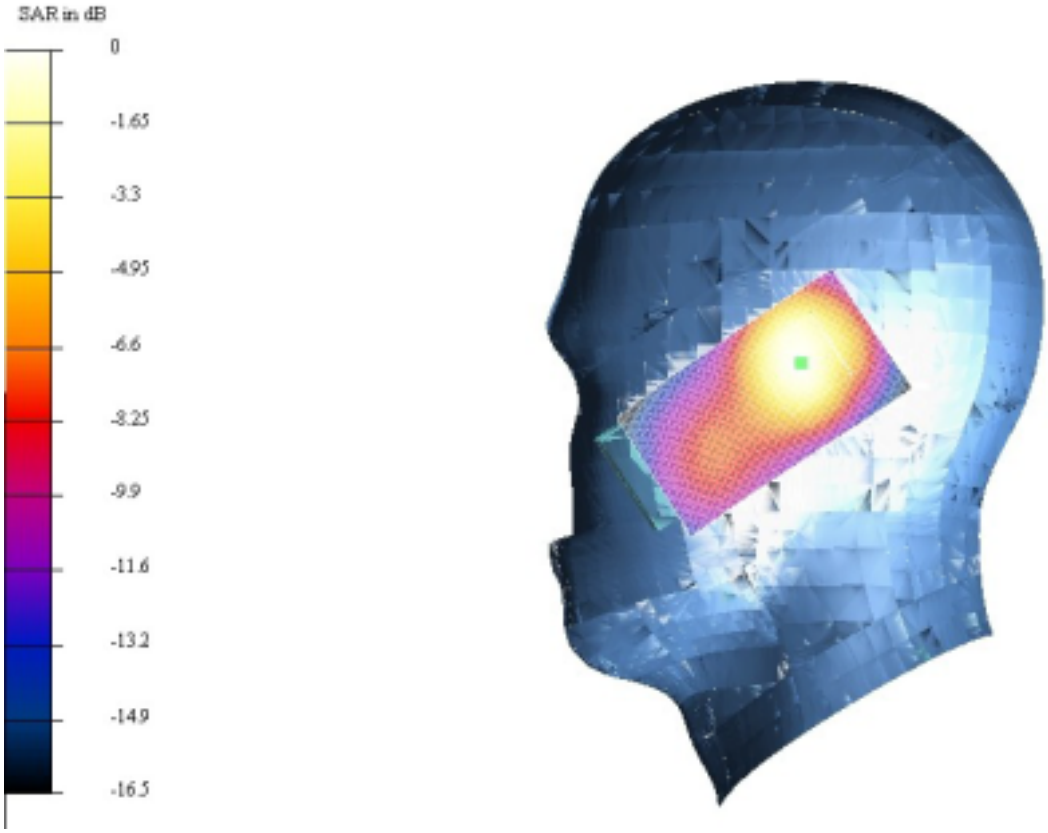

Fig. 67 Right Hand Tilt 15° 1900MHz CH512

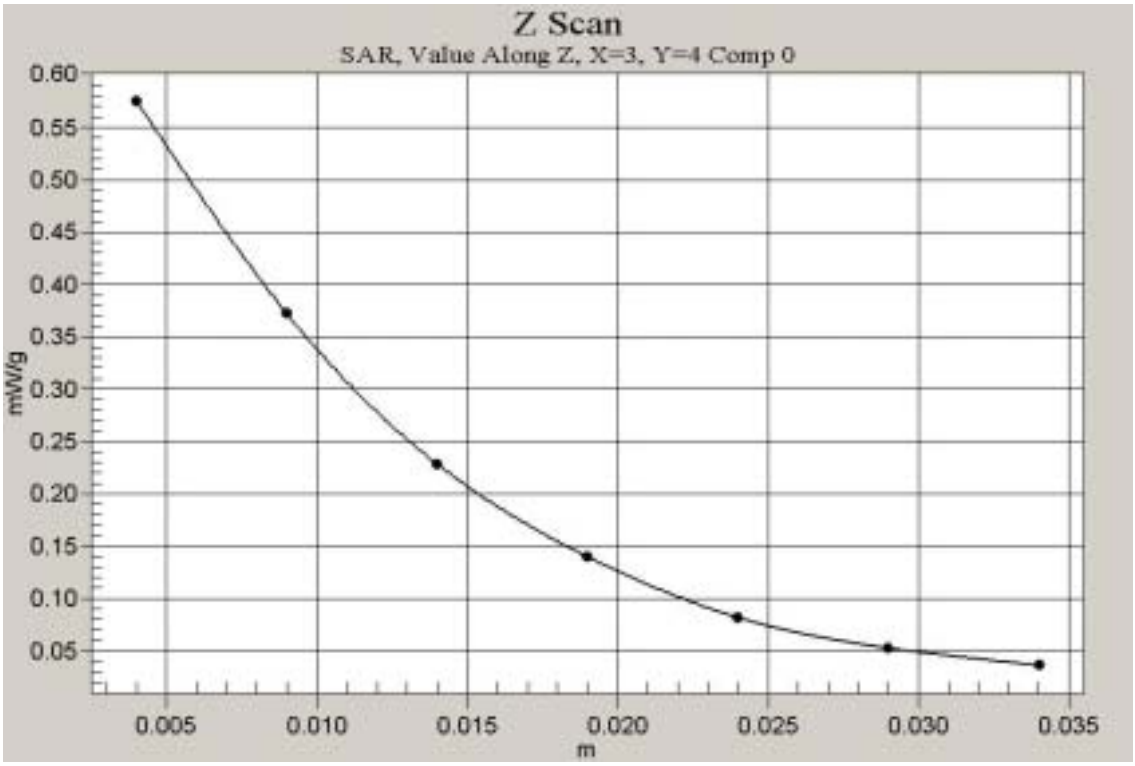

Fig. 68 Z-Scan at maximum power point (Right Hand Tilt 15 ° 1900MHz CH512)

Test Laboratory: TMC
File Name: SAR Test PCS 1900 Right.da4

DUT: CCT C8118 Type & Serial Number: 351597001983650
Program: SAR Test C8118 Right; C8118 Right Cheek M

Communication System: GSM 1900MHz; Frequency: 1880 MHz; Duty Cycle: 1:1
Phantom section: RightSection

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm
Reference Value = 17.6 V/m
Peak SAR = 0.665 mW/g
SAR(1 g) = 0.404 mW/g; SAR(10 g) = 0.227 mW/g
Power Drift = -0.0006 dB
Area Scan (61x111x1): Measurement grid: dx=10mm, dy=10mm

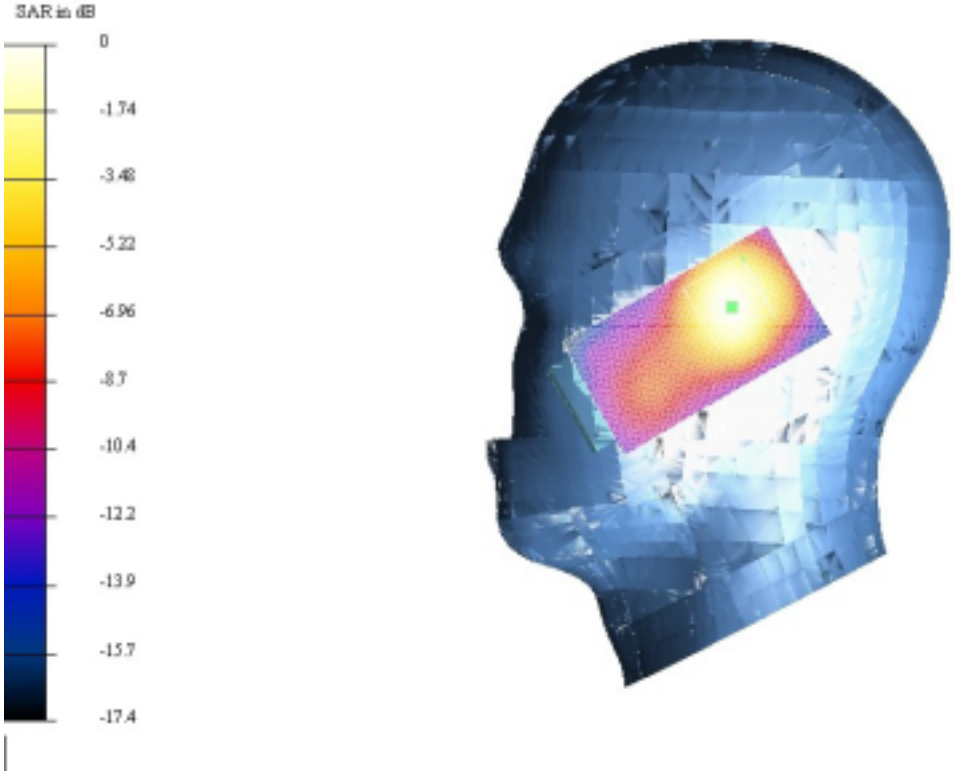

Fig. 69 Right Hand Tilt 15° 1900MHz CH661

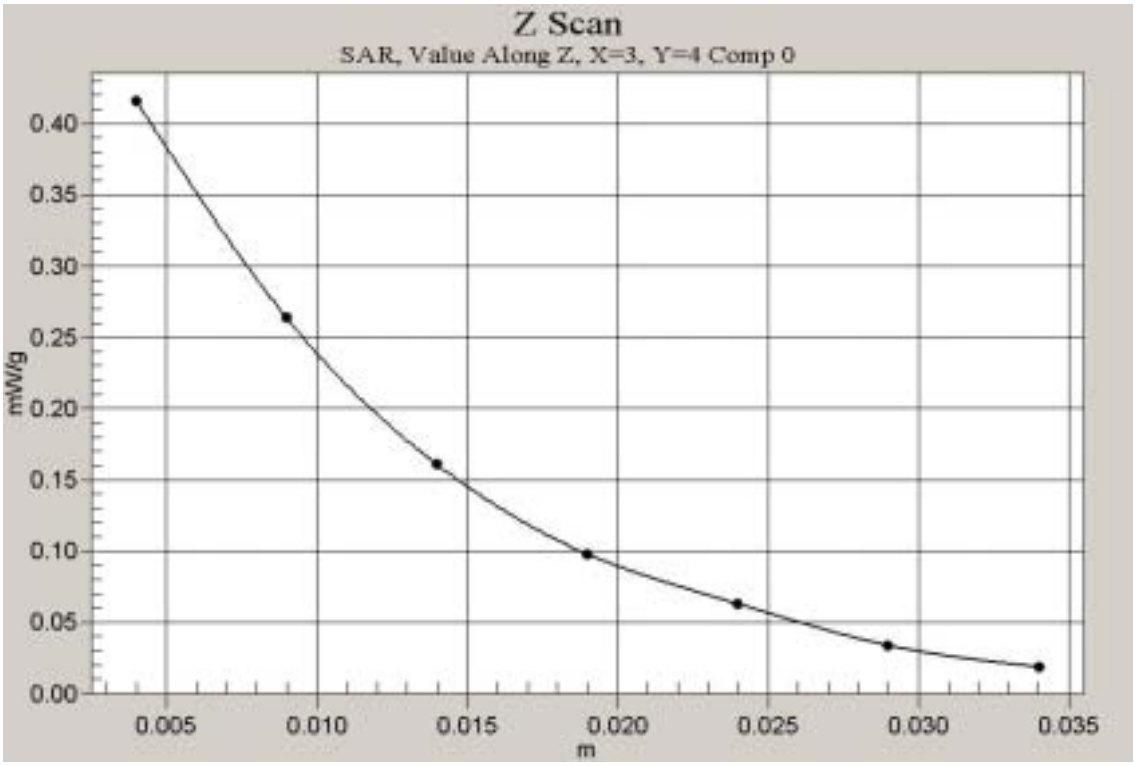

Fig. 70 Z-Scan at maximum power point (Right Hand Tilt 15 ° 1900MHz CH661)

Test Laboratory: TMC
File Name: SAR Test PCS 1900 Right-1.da4

DUT: CCT C8118 Type & Serial Number: 351597001983650
Program: SAR Test C8118 Right; C8118 Right Tilt H

Communication System: GSM 1900MHz; Frequency: 1909.8 MHz; Duty Cycle: 1:1
Phantom section: RightSection

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm
Reference Value = 12.8 V/m
Peak SAR = 0.379 mW/g
SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.124 mW/g
Power Drift = 0.005 dB
Area Scan (61x111x1): Measurement grid: dx=10mm, dy=10mm

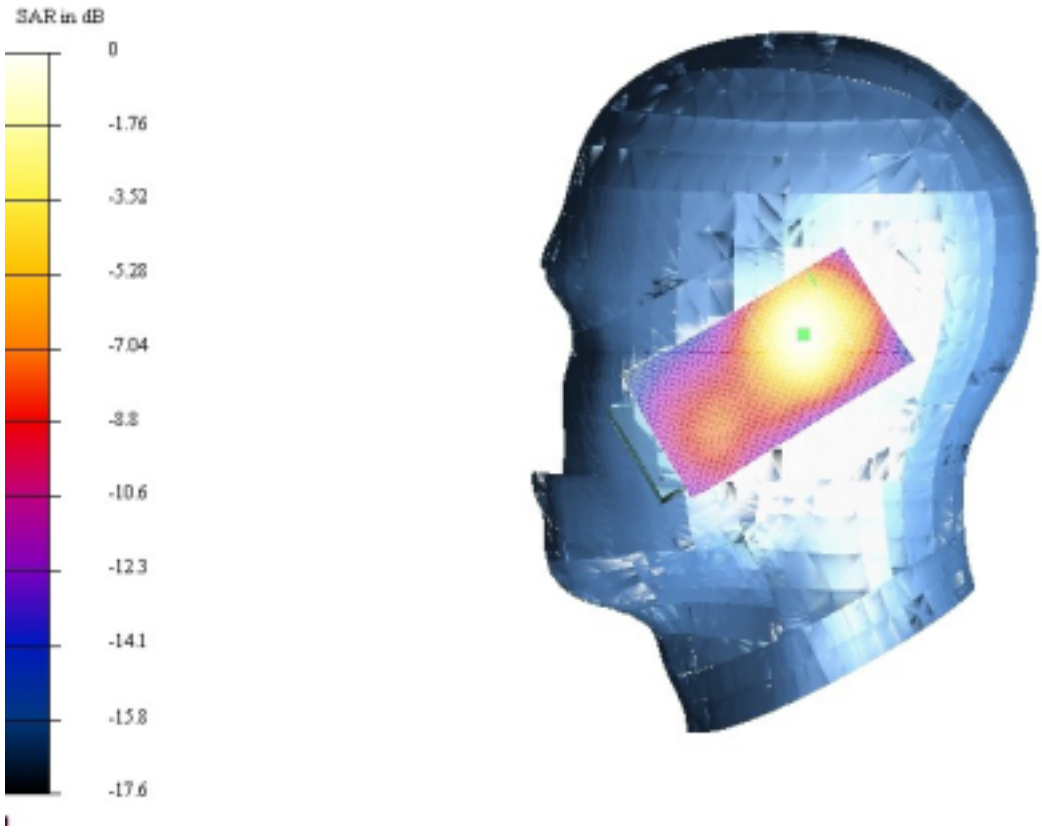

Fig. 71 Right Hand Tilt 15° 1900MHz CH810

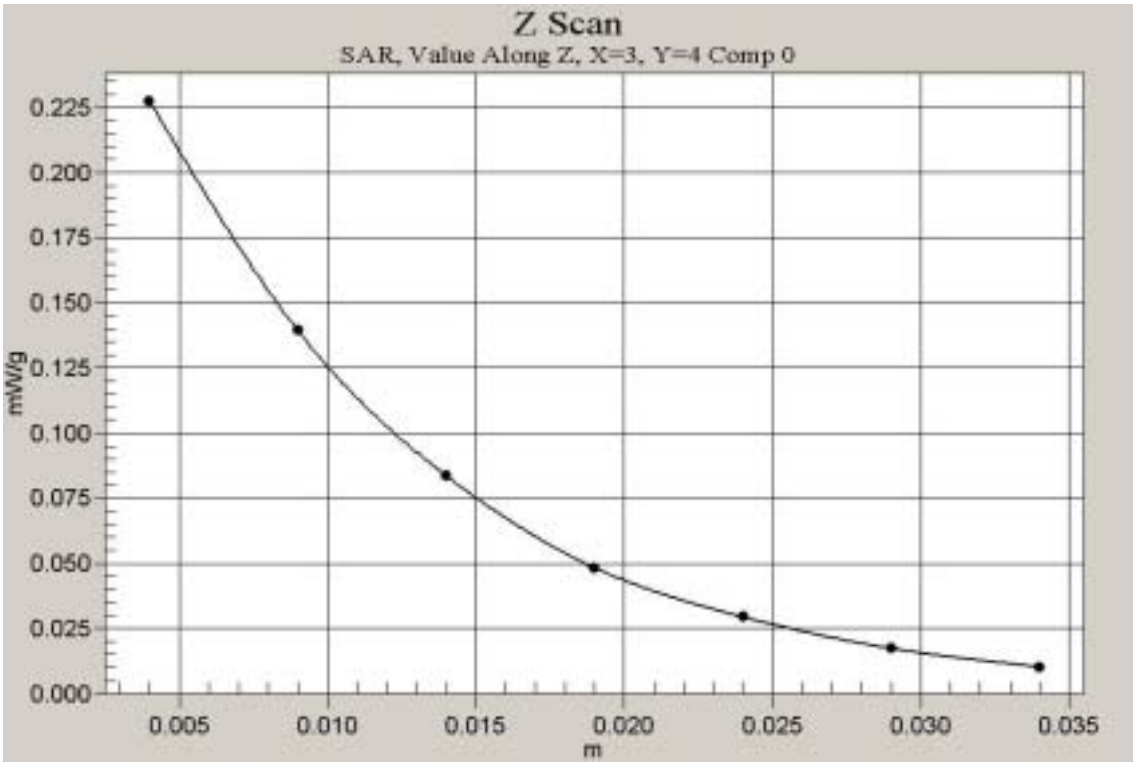

Fig. 72 Z-Scan at maximum power point (Right Hand Tilt 15 ° 1900MHz CH810)

Date/Time: 11/22/03 16:10:12

Test Laboratory: TMC
File Name: CCT C8118 FCC Compliance Test 1900MHz Body.da4

DUT: CCT C8118 Type & Serial Number: 351597001983650
Program: SAR test Body 1900MHz; Phone display towards phantom, Low Frequency

Communication System: GSM 1900MHz; Frequency: 1850.2 MHz; Duty Cycle: 1:8
Medium: Body 1900 (σ = 1.54 mho/m, ε = 52.9, ρ = 1000 kg/m3)
Phantom section: FlatSection

DASY4 Configuration:
- Probe: ET3DV6 - SN1738; ConvF(5.6, 5.6, 5.6); Calibrated: 12/9/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn589; Calibrated: 10/21/2003
- Phantom: SAM v4.0 - TP:1186
- Software: DASY4, V4.1 Build 33

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm
Reference Value = 7.6 V/m
Peak SAR = 0.304 mW/g
SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.123 mW/g
Power Drift = -0.1 dB
Area Scan (101x101x1): Measurement grid: dx=10mm, dy=10mm

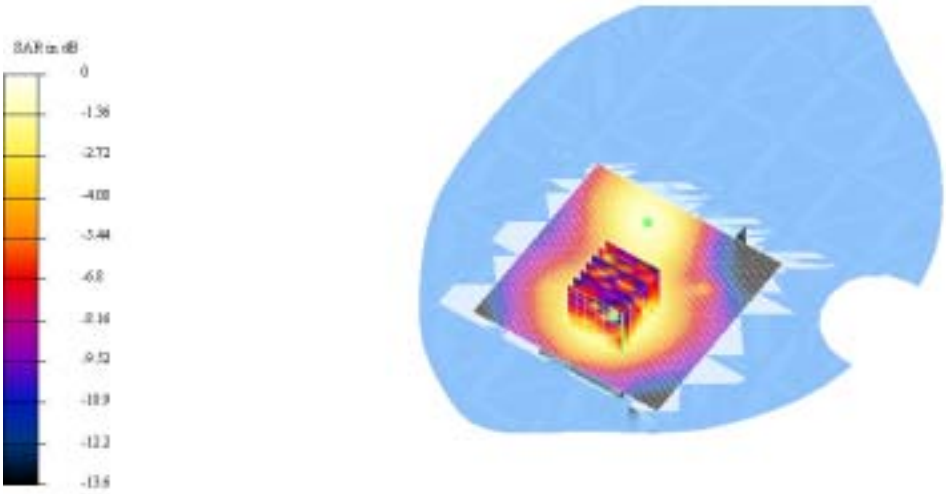

Fig. 73 Flat Phantom Body-worn Positio 1900MHz CH512 with the display of the handset towards the phantom

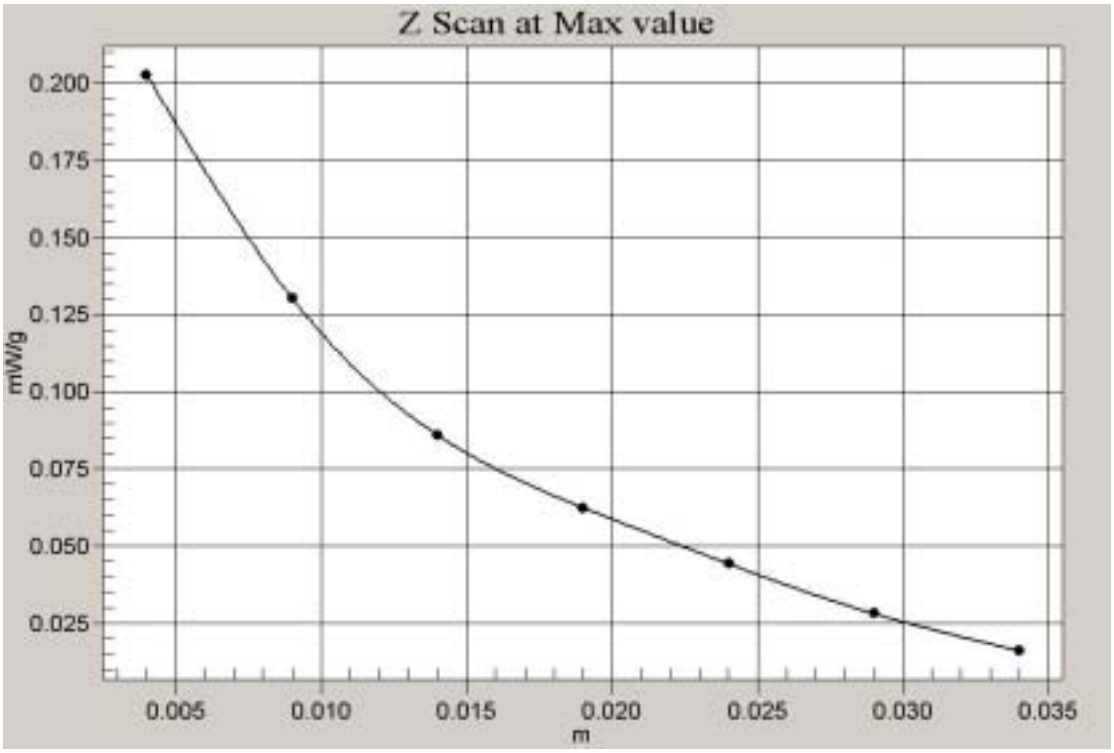

Fig. 74 Z-Scan at maximum power point (Flat Phantom 1900MHz CH512 with the display of the handset towards the phantom)

Date/Time: 11/22/03 16:10:12

Test Laboratory: TMC
File Name: CCT C8118 FCC Compliance Test 1900MHz Body.da4

DUT: CCT C8118 Type & Serial Number: 351597001983650
Program: SAR test Body 1900MHz; Phone display towards phantom, Low Frequency

Communication System: GSM 1900MHz; Frequency: 1850.2 MHz; Duty Cycle: 1:8
Medium: Body 1900 (σ = 1.54 mho/m, ε = 52.9, ρ = 1000 kg/m3)
Phantom section: FlatSection

DASY4 Configuration:
- Probe: ET3DV6 - SN1738; ConvF(5.6, 5.6, 5.6); Calibrated: 12/9/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn589; Calibrated: 10/21/2003
- Phantom: SAM v4.0 - TP:1186
- Software: DASY4, V4.1 Build 33

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm
Reference Value = 7.6 V/m
Peak SAR = 0.304 mW/g
SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.123 mW/g
Power Drift = -0.1 dB
Area Scan (101x101x1): Measurement grid: dx=10mm, dy=10mm

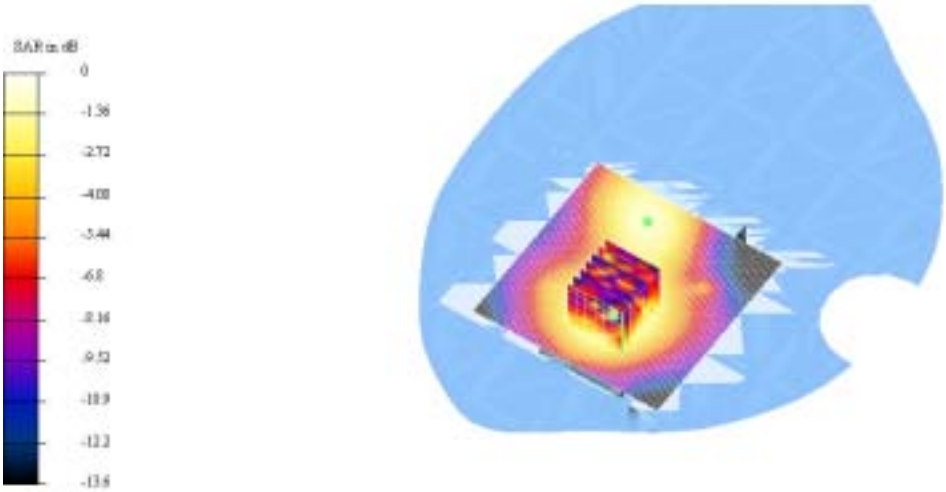

Fig. 75 Flat Phantom Body-worn Positio 1900MHz CH661 with the display of the handset towards the phantom

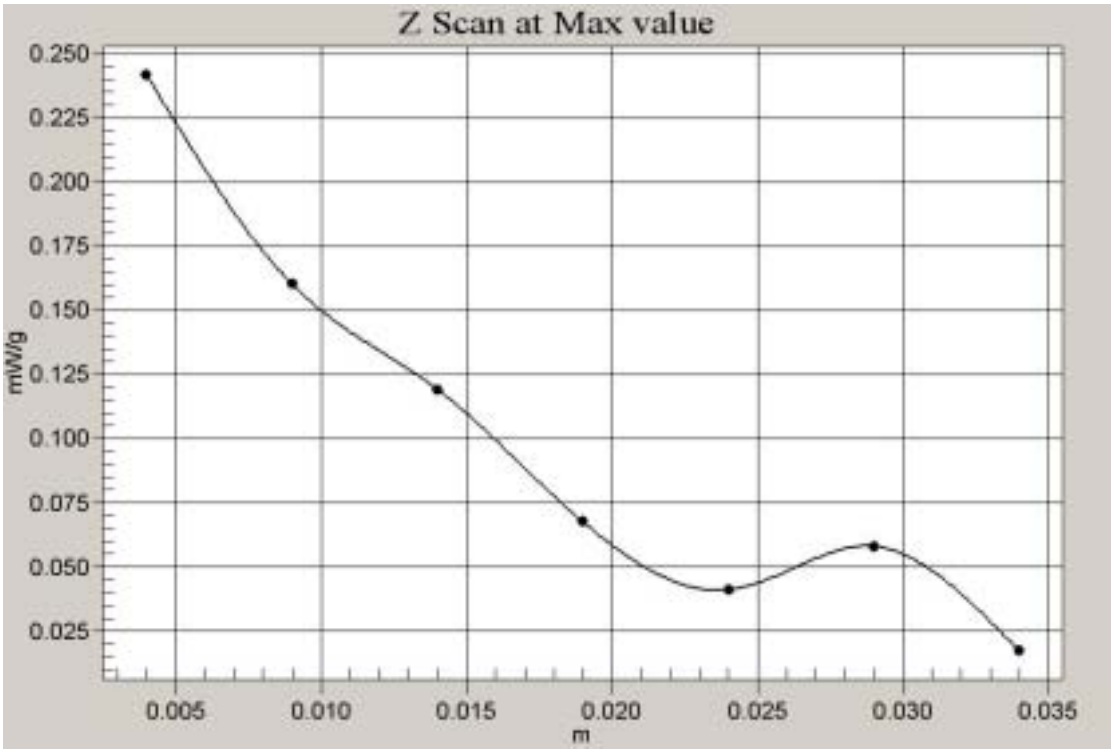

Fig. 76 Z-Scan at maximum power point (Flat Phantom 1900MHz CH661 with the display of the handset towards the phantom)

Date/Time: 11/22/03 16:10:12

Test Laboratory: TMC
File Name: CCT C8118 FCC Compliance Test 1900MHz Body.da4

DUT: CCT C8118 Type & Serial Number: 351597001983650
Program: SAR test Body 1900MHz; Phone display towards phantom, High Frequency

Communication System: GSM 1900MHz; Frequency: 1909.8 MHz; Duty Cycle: 1:8
Medium: Body 1900 (σ = 1.54 mho/m, ε = 52.9, ρ = 1000 kg/m3)
Phantom section: FlatSection

DASY4 Configuration:
- Probe: ET3DV6 - SN1738; ConvF(5.6, 5.6, 5.6); Calibrated: 12/9/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn589; Calibrated: 10/21/2003
- Phantom: SAM v4.0 - TP:1186
- Software: DASY4, V4.1 Build 33

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm
Reference Value = 10.3 V/m
Peak SAR = 0.389 mW/g
SAR(1 g) = 0.243 mW/g; SAR(10 g) = 0.152 mW/g
Power Drift = -0.6 dB
Area Scan (101x121x1): Measurement grid: dx=10mm, dy=10mm

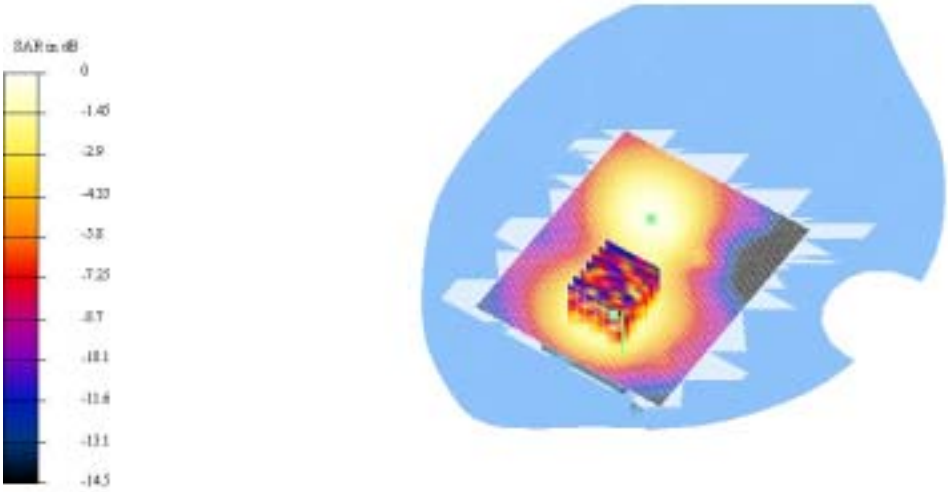

Fig. 77 Flat Phantom Body-worn Positio 1900MHz CH810 with the display of the handset towards the phantom

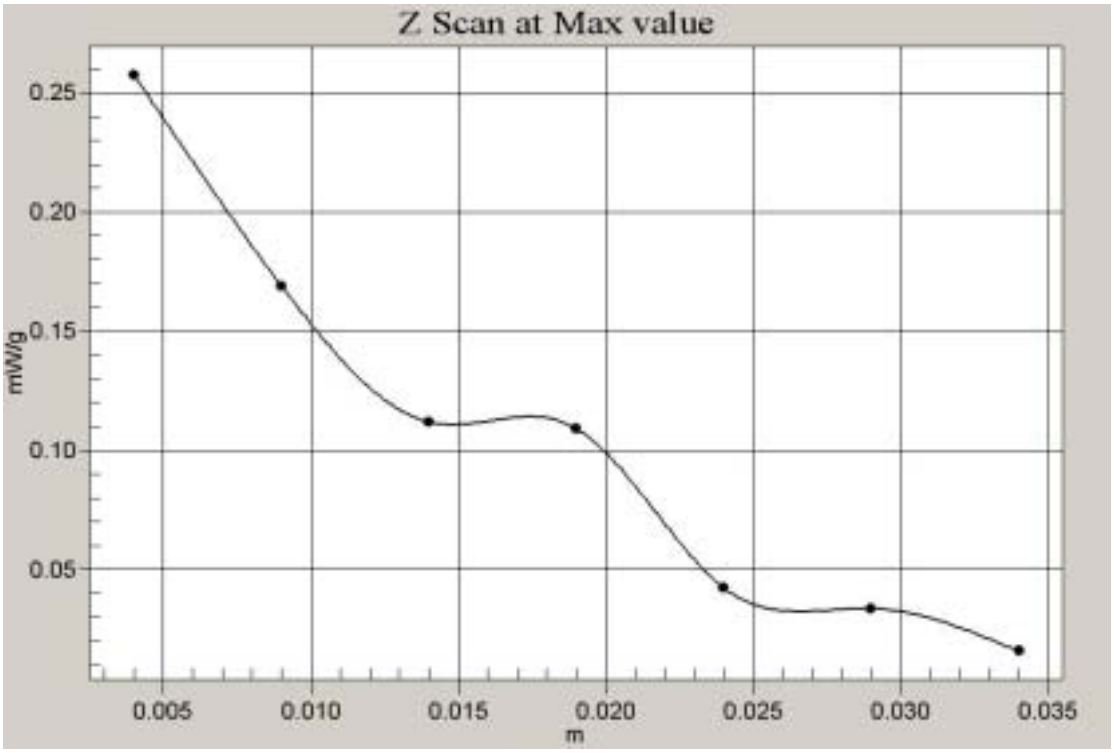

Fig. 78 Z-Scan at maximum power point (Flat Phantom 1900MHz CH810 with the display of the handset towards the phantom)

Date/Time: 11/22/03 16:10:12

Test Laboratory: TMC
File Name: CCT C8118 FCC Compliance Test 1900MHz Body.da4

DUT: CCT C8118 Type & Serial Number: 351597001983650
Program: SAR test Body 1900MHz; Phone display towards ground, Low Frequency

Communication System: GSM 1900MHz; Frequency: 1850.2 MHz; Duty Cycle: 1:8
Medium: Body 1900 (σ = 1.54 mho/m, ε = 52.9, ρ = 1000 kg/m3)
Phantom section: FlatSection

DASY4 Configuration:
- Probe: ET3DV6 - SN1738; ConvF(5.6, 5.6, 5.6); Calibrated: 12/9/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn589; Calibrated: 10/21/2003
- Phantom: SAM v4.0 - TP:1186
- Software: DASY4, V4.1 Build 33

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm
Reference Value = 9.39 V/m
Peak SAR = 0.517 mW/g
SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.191 mW/g
Power Drift = 0.1 dB
Area Scan (101x121x1): Measurement grid: dx=10mm, dy=10mm

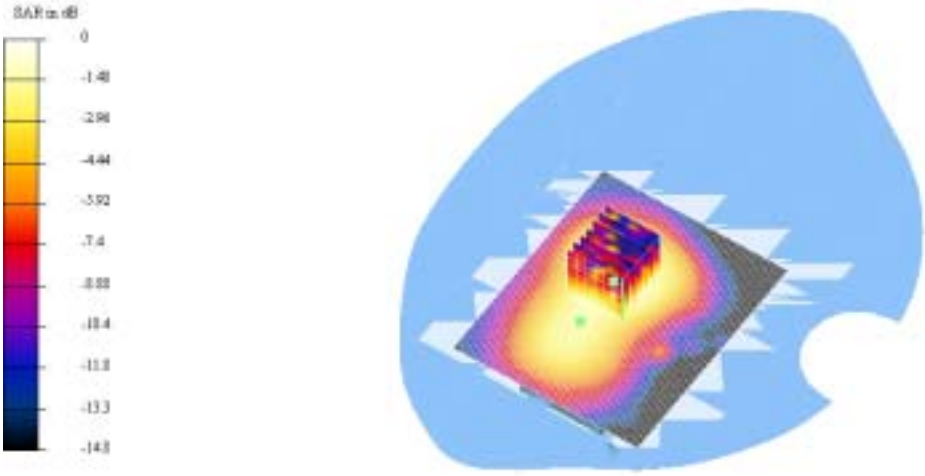

Fig. 79 Flat Phantom Body-worn Positio 1900MHz CH512 with the display of the handset towards the ground

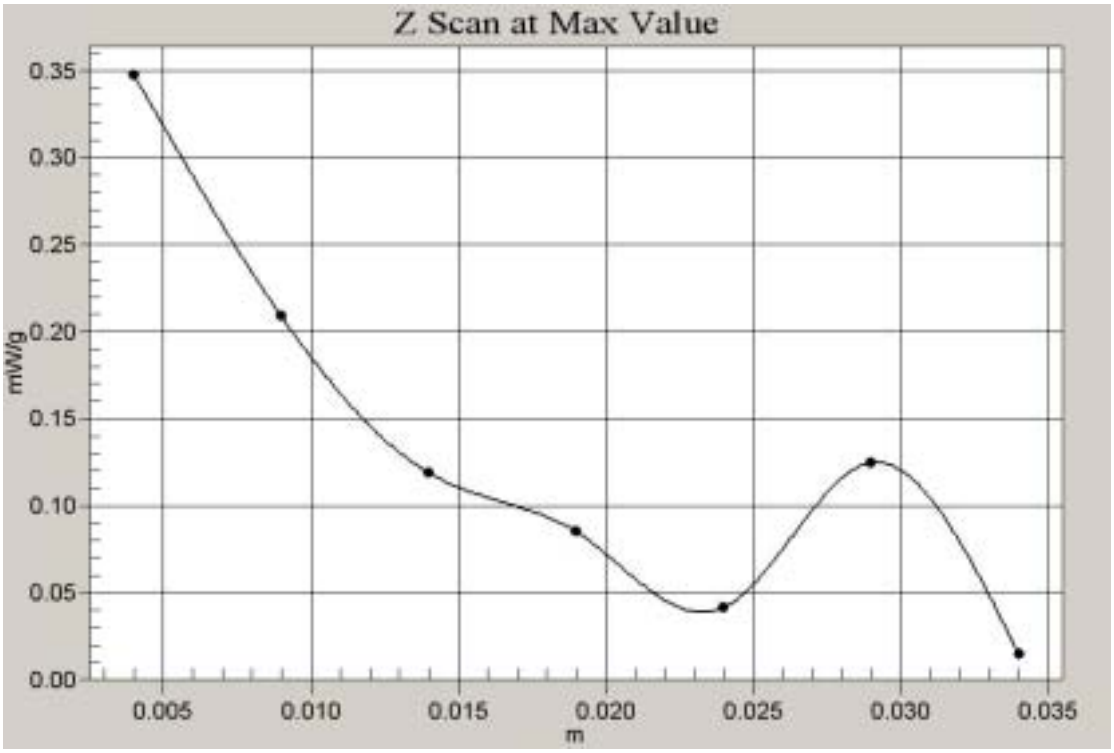

Fig. 80 Z-Scan at maximum power point (Flat Phantom 1900MHz CH512 with the display of the handset towards the ground)

Date/Time: 11/22/03 16:10:12

Test Laboratory: TMC
File Name: CCT C8118 FCC Compliance Test 1900MHz Body.da4

DUT: CCT C8118 Type & Serial Number: 351597001983650
Program: SAR test Body 1900MHz; Phone display towards ground, Mid Frequency

Communication System: GSM 1900MHz; Frequency: 1880 MHz; Duty Cycle: 1:8
Medium: Body 1900 (σ = 1.54 mho/m, ε = 52.9, ρ = 1000 kg/m3)
Phantom section: FlatSection

DASY4 Configuration:
- Probe: ET3DV6 - SN1738; ConvF(5.6, 5.6, 5.6); Calibrated: 12/9/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn589; Calibrated: 10/21/2003
- Phantom: SAM v4.0 - TP:1186
- Software: DASY4, V4.1 Build 33

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm
Reference Value = 9.8 V/m
Peak SAR = 0.673 mW/g
SAR(1 g) = 0.391 mW/g; SAR(10 g) = 0.241 mW/g
Power Drift = 0.08 dB
Area Scan (101x121x1): Measurement grid: dx=10mm, dy=10mm

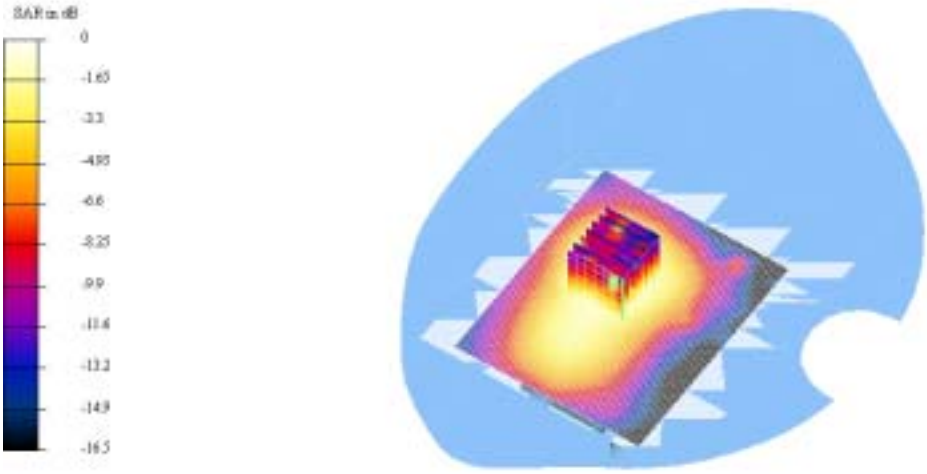

Fig. 81 Flat Phantom Body-worn Positio 1900MHz CH661 with the display of the handset towards the ground

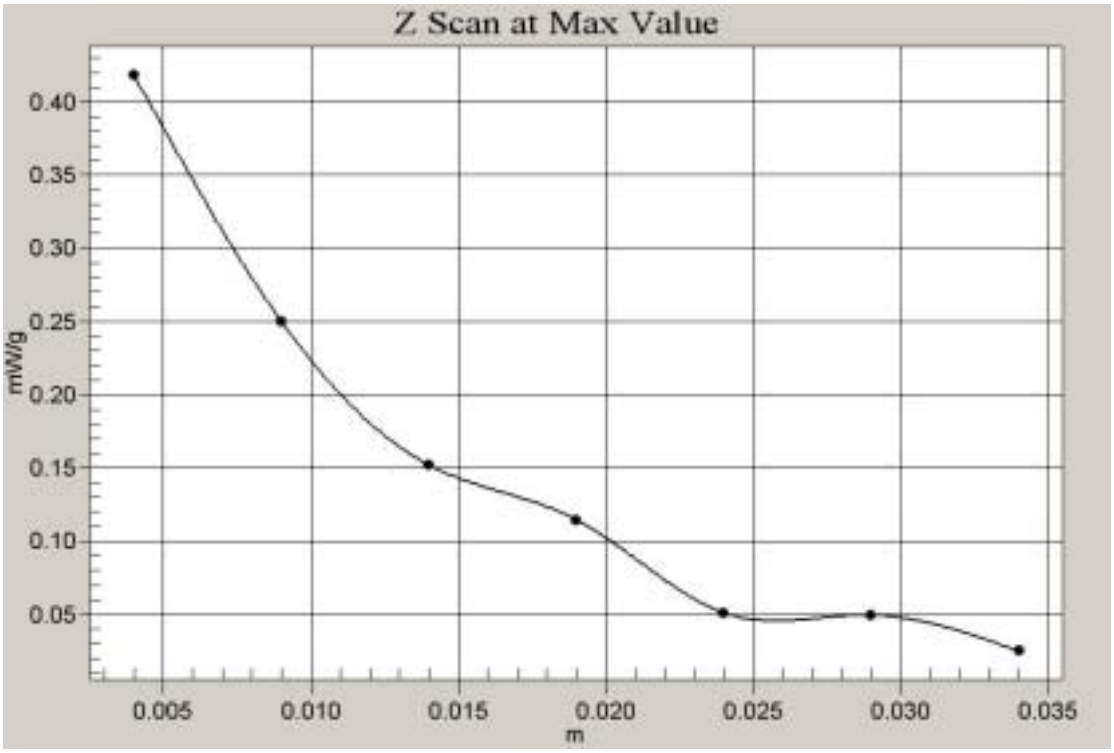

Fig. 82 Z-Scan at maximum power point (Flat Phantom 1900MHz CH661 with the display of the handset towards the ground)

Date/Time: 11/22/03 16:10:12

Test Laboratory: TMC
File Name: CCT C8118 FCC Compliance Test 1900MHz Body.da4

DUT: CCT C8118 Type & Serial Number: 351597001983650
Program: SAR test Body 1900MHz; Phone display towards ground, High Frequency

Communication System: GSM 1900MHz; Frequency: 1909.8 MHz; Duty Cycle: 1:8
Medium: Body 1900 (σ = 1.54 mho/m, ε = 52.9, ρ = 1000 kg/m3)
Phantom section: FlatSection

DASY4 Configuration:
- Probe: ET3DV6 - SN1738; ConvF(5.6, 5.6, 5.6); Calibrated: 12/9/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn589; Calibrated: 10/21/2003
- Phantom: SAM v4.0 - TP:1186
- Software: DASY4, V4.1 Build 33

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm
Reference Value = 10 V/m
Peak SAR = 0.633 mW/g
SAR(1 g) = 0.406 mW/g; SAR(10 g) = 0.247 mW/g
Power Drift = 0.1 dB
Area Scan (101x121x1): Measurement grid: dx=10mm, dy=10mm

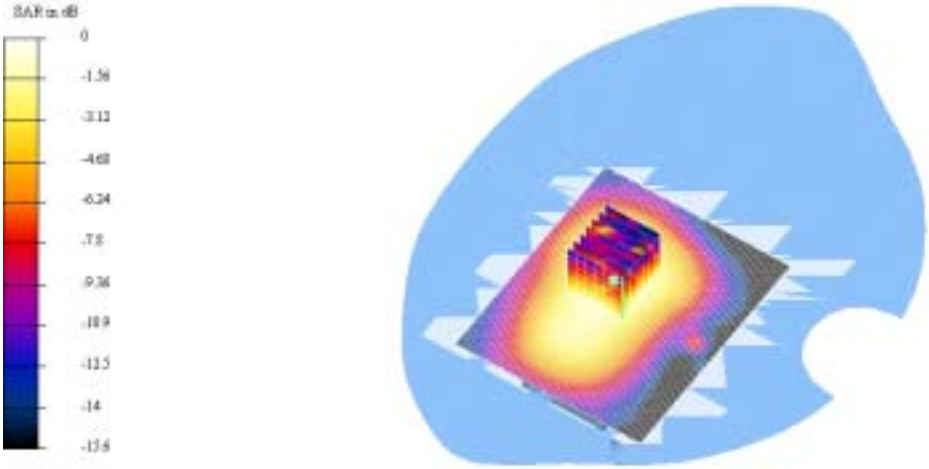

Fig. 83 Flat Phantom Body-worn Positio 1900MHz CH810 with the display of the handset towards the ground

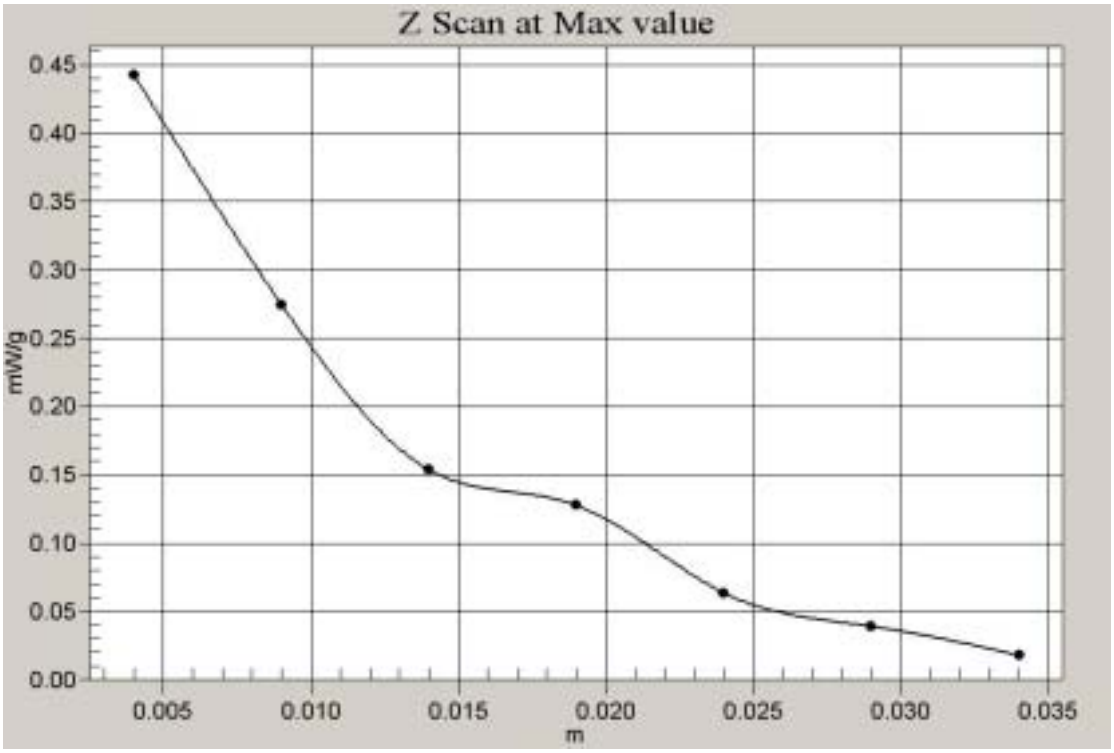

Fig. 84 Z-Scan at maximum power point (Flat Phantom 1900MHz CH810 with the display of the handset towards the ground)

Test Laboratory: TMC
File Name: D900_SystemCheck_040403(use).da4

DUT: Dipole 900 MHz Type & Serial Number: D900V2 - SN:125
Program: System performanence check; Dipole 900MHz

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1
Medium: Head 900 MHz (σ = 0.96 mho/m, ε = 40.23, ρ = 1000 kg/m3)
Phantom section: FlatSection

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm
Reference Value = 58.6 V/m
Peak SAR = 3.8 mW/g
SAR(1 g) = 2.64 mW/g; SAR(10 g) = 1.7 mW/g
Power Drift = -0.04 dB
Area Scan (101x101x1): Measurement grid: dx=10mm, dy=10mm

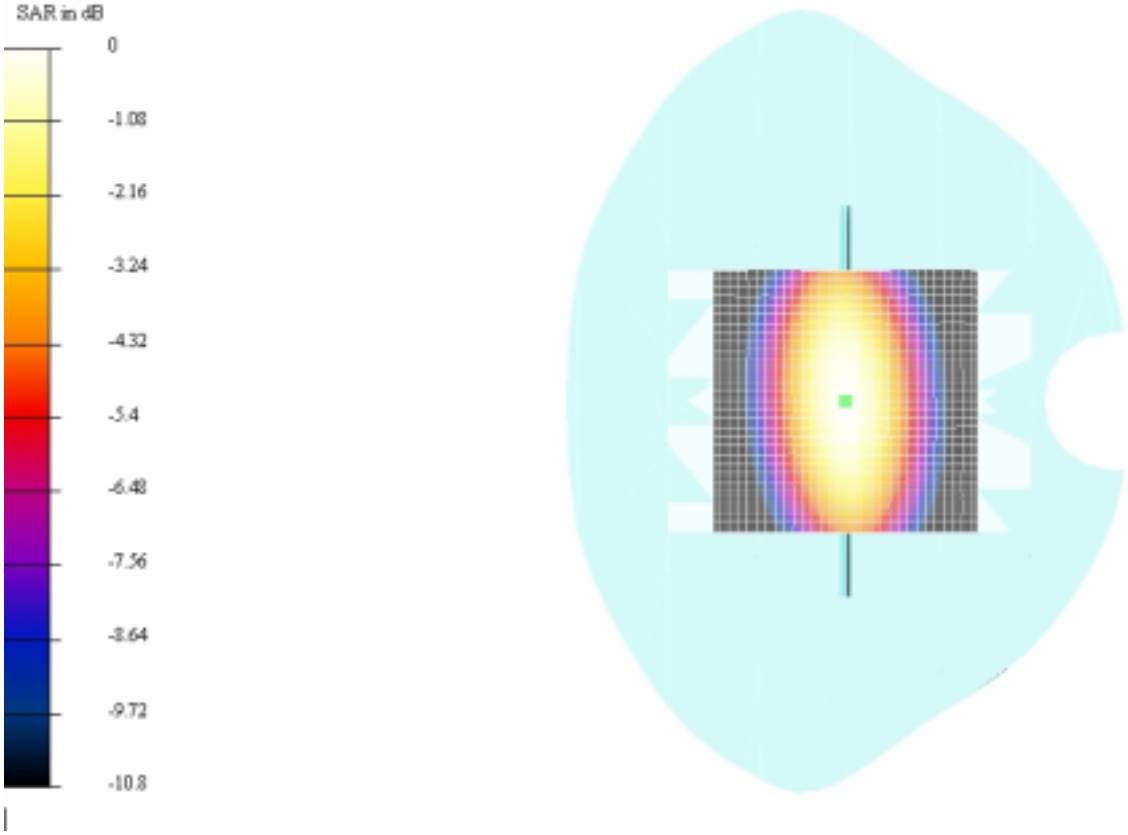

Fig.85 System Performance Check 900MHz 250mW

Test Laboratory: TMC
File Name: D1800_SystemCheck_040403(use).da4

DUT: Dipole 1800 MHz Type & Serial Number: D1800V2 - SN:2d010
Program: Unnamed Program; Dipole 1800MHz

Communication System: CW; Frequency: 1800 MHz; Duty Cycle: 1:1
Medium: Head 1800 MHz (σ = 1.42 mho/m, ε = 39.7, ρ = 1000 kg/m3)
Phantom section: FlatSection

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm
Reference Value = 88.8 V/m
Peak SAR = 16.5 mW/g
SAR(1 g) = 9.14 mW/g; SAR(10 g) = 4.72 mW/g
Power Drift = 0.002 dB
Area Scan (101x101x1): Measurement grid: dx=10mm, dy=10mm

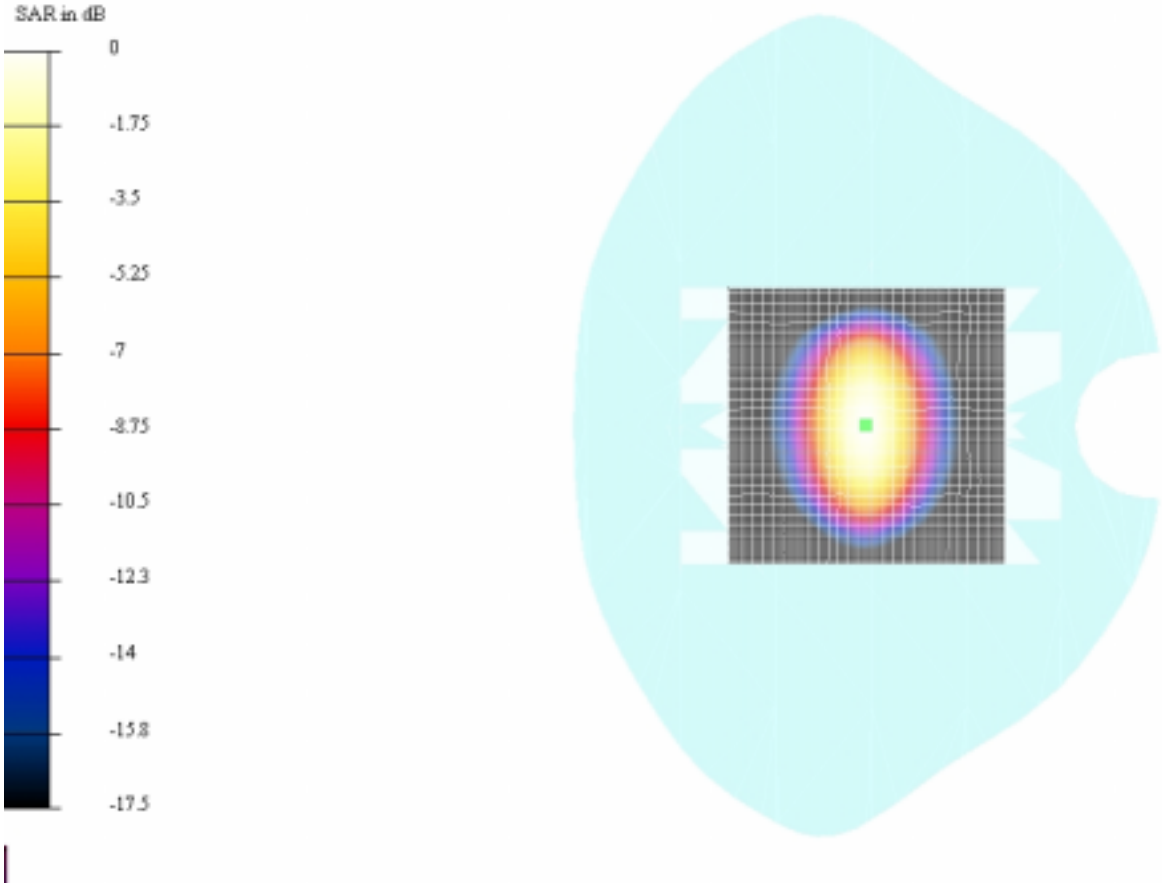

Fig.86 System Performance Check 1800MHz 250mW

Test Laboratory: TMC
File Name: D1900_SystemCheck_040403.da4

DUT: Dipole 1900 MHz Type & Serial Number: D1900V2 - SN:541
Program: Unnamed Program; Dipole 1900MHz

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium: Head 1900 MHz (σ = 1.46 mho/m, ε = 39.66, ρ = 1000 kg/m3)
Phantom section: FlatSection

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm
Reference Value = 90.9 V/m
Peak SAR = 18.3 mW/g
SAR(1 g) = 9.8 mW/g; SAR(10 g) = 4.91 mW/g
Power Drift = 0.004 dB
Area Scan (101x101x1): Measurement grid: dx=10mm, dy=10mm

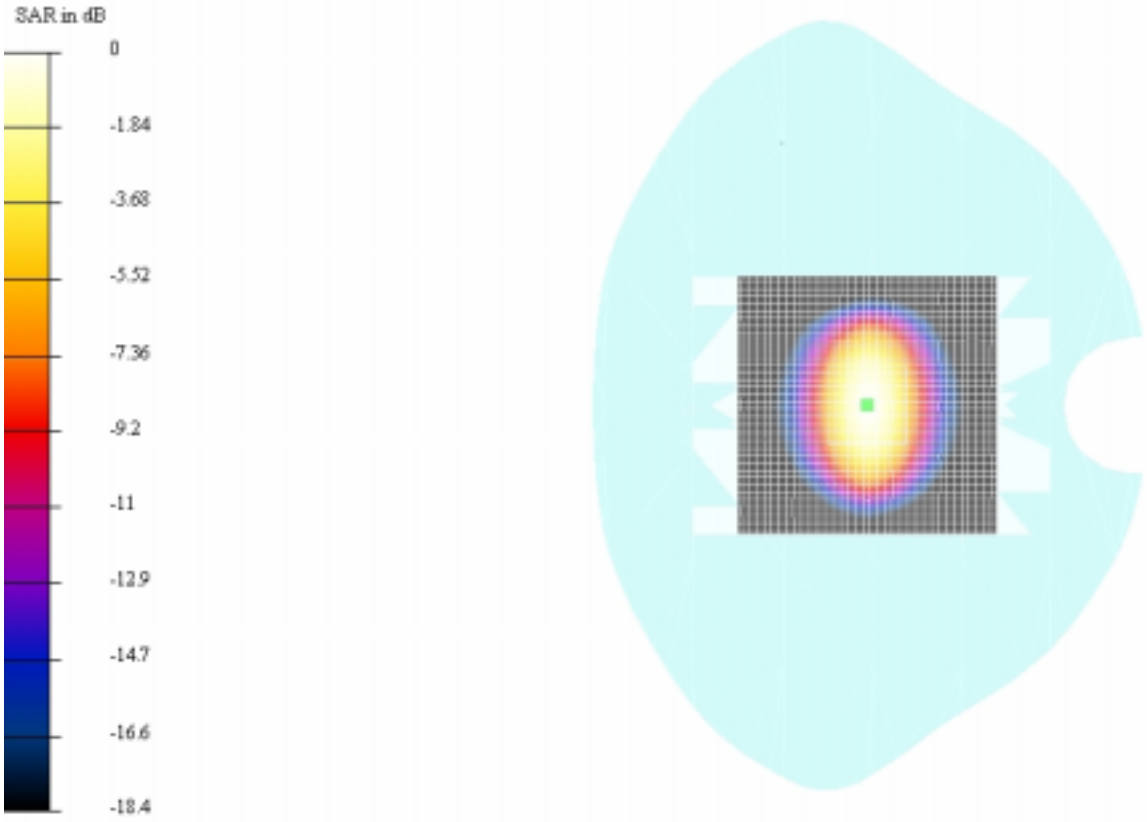

Fig.87 System Performance Check 1900MHz 250mW