One Touch 757 PCS 1900 Right Tilt Low

DUT: One Touch 757; Type: Tri-Band; Serial: 355178000001276
Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium: Head PCS 1900 Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.41
mho/m; ε_r = 39.8; ρ = 1000 kg/m^3
Phantom section: Right Section

One Touch 757 PCS 1900 Right Tilt L/Area Scan (51x91x1): Measurement grid:
dx=15mm, dy=15mm
Reference Value = 17.9 V/m; Power Drift = -0.0172 dB
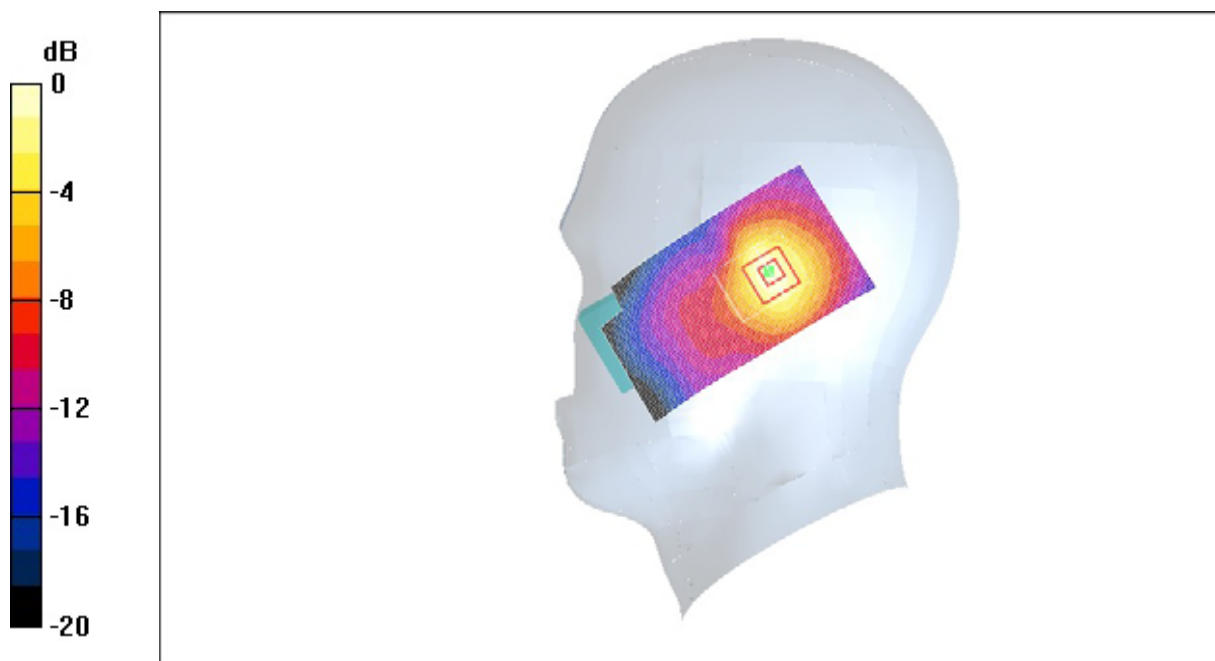Maximum value of SAR (interpolated) = 0.424 mW/g

One Touch 757 PCS 1900 Right Tilt L/Zoom Scan (7x9x7)/Cube 0: Measurement
grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.9 V/m; Power Drift = -0.0172 dB
Maximum value of SAR (measured) = 0.435 mW/g
Peak SAR (extrapolated) = 0.703 W/kg
SAR(1 g) = 0.378 mW/g; SAR(10 g) = 0.196 mW/g

0 dB = 0.435mW/g

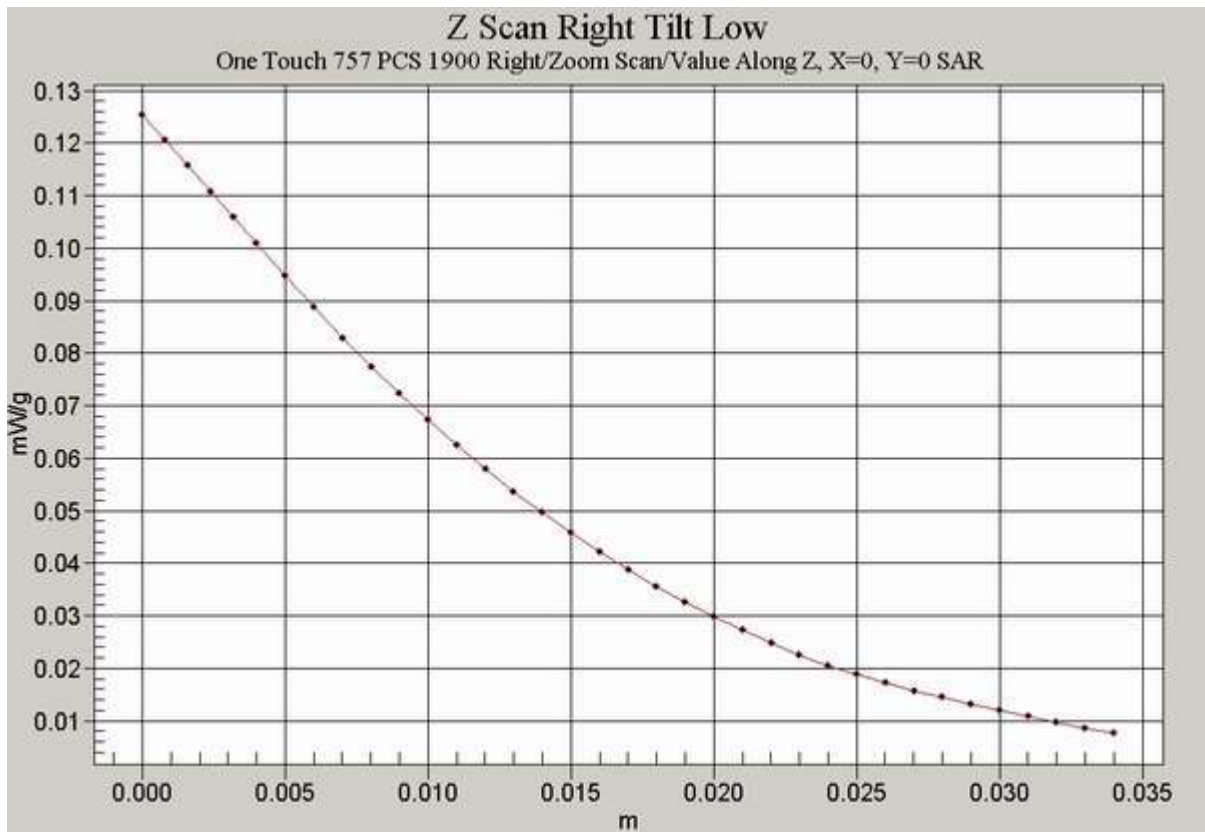**Fig. 19 Right Hand Tilt 15° 1900MHz CH512**

Fig. 20 Z-Scan at power reference point (Right Hand Tilt 15° 1900MHz CH512)

One Touch 757 PCS 1900 Right Tilt Middle

DUT: One Touch 757; Type: Tri-Band; Serial: 355178000001276
Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium: Head PCS 1900 Medium parameters used: f = 1880 MHz; σ = 1.44 mho/m; ε_r = 39.7; ρ = 1000 kg/m^3
Phantom section: Right Section

One Touch 757 PCS 1900 Right Tilt M/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 16.2 V/m; Power Drift = -0.00447 dB
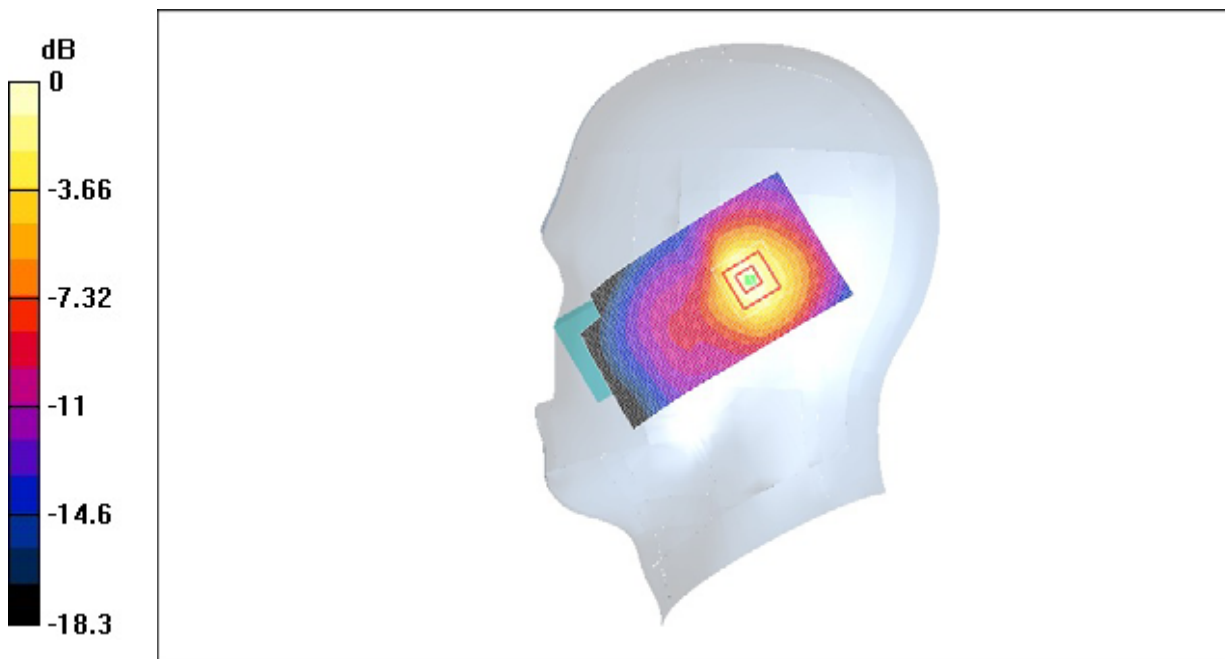Maximum value of SAR (interpolated) = 0.357 mW/g

One Touch 757 PCS 1900 Right Tilt M/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.2 V/m; Power Drift = -0.00447 dB
Maximum value of SAR (measured) = 0.351 mW/g
Peak SAR (extrapolated) = 0.587 W/kg
SAR(1 g) = 0.313 mW/g; SAR(10 g) = 0.163 mW/g

0 dB = 0.351mW/g

Fig. 21 Right Hand Tilt 15° 1900MHz CH660

Fig. 22 Z-Scan at power reference point (Right Hand Tilt 15° 1900MHz CH660)

One Touch 757 PCS 1900 Right Tilt High

DUT: One Touch 757; Type: Tri-Band; Serial: 355178000001276

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: Head PCS 1900 Medium parameters used (interpolated): f = 1909.8 MHz; σ = 1.47 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3

Phantom section: Right Section

One Touch 757 PCS 1900 Right Tilt H/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 13.1 V/m; Power Drift = 0.0375 dB

Maximum value of SAR (interpolated) = 0.242 mW/g

One Touch 757 PCS 1900 Right Tilt H/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.1 V/m; Power Drift = 0.0375 dB

Maximum value of SAR (measured) = 0.235 mW/g

Peak SAR (extrapolated) = 0.397 W/kg

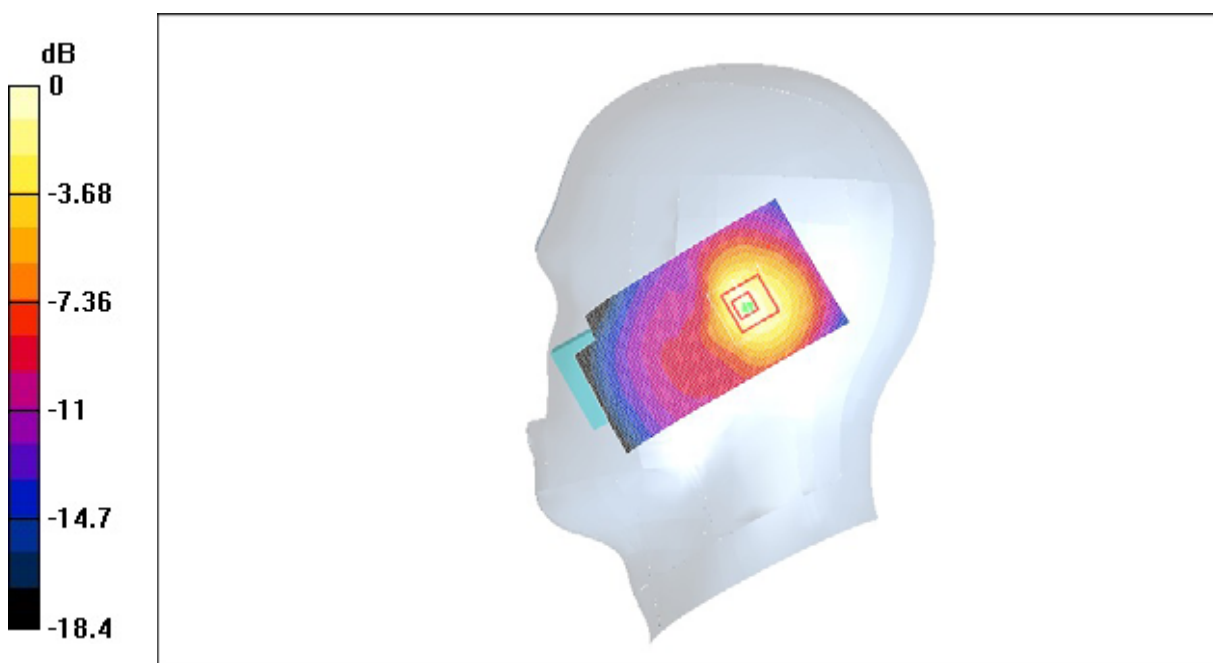**SAR(1 g) = 0.206 mW/g; SAR(10 g) = 0.108 mW/g**

0 dB = 0.235mW/g
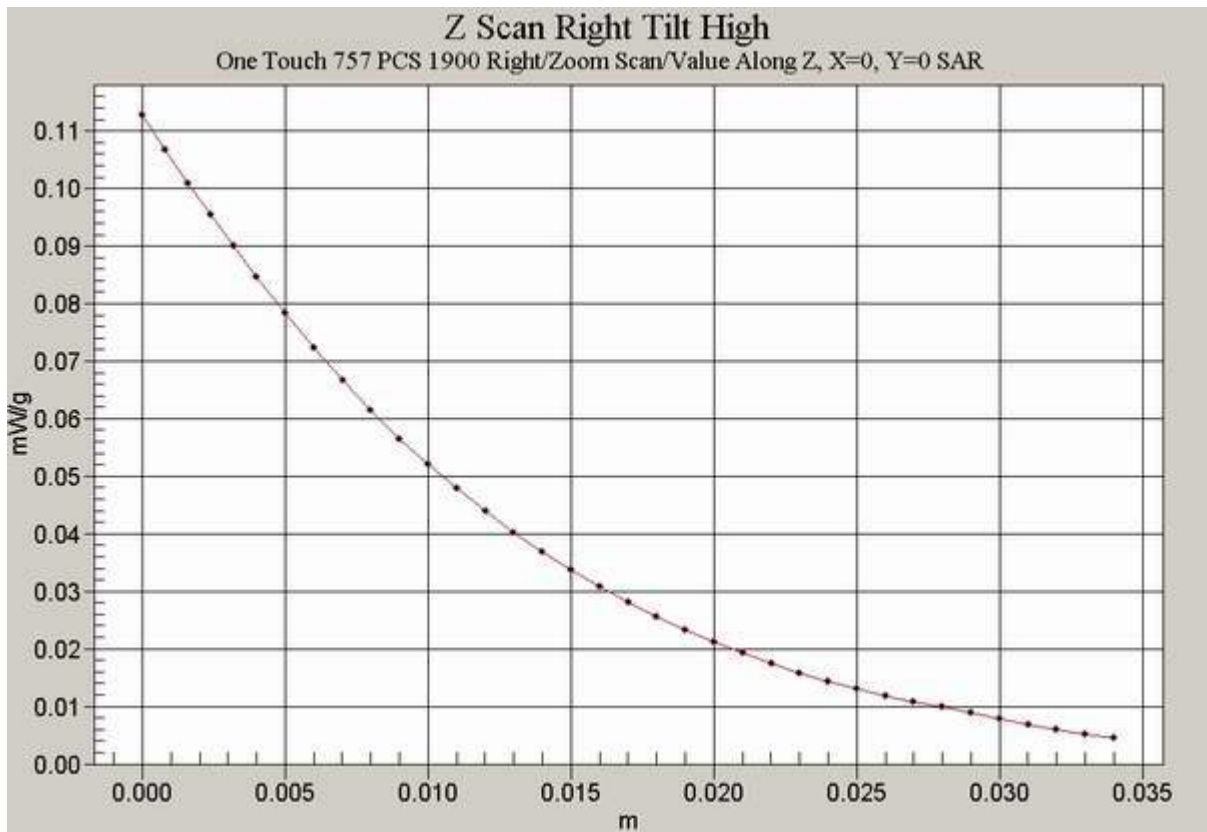
Fig. 23 Right Hand Tilt 15° 1900MHz CH810

Fig. 24 Z-Scan at power reference point (Right Hand Tilt 15° 1900MHz CH810)

One Touch 757 PCS 1900 earphone towards the phantom Flat

Low

DUT: One Touch 757; Type: PCS+GPRS; Serial: 355178000001276

Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: Body PCS 1900 Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.6 mho/m; ε_r = 56; ρ = 1000 kg/m^3

Phantom section: Flat Section

One Touch 757 PCS 1900 earphone towards the phantom Flat L/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 6.72 V/m; Power Drift = -0.162 dB

Maximum value of SAR (interpolated) = 0.035 mW/g

One Touch 757 PCS 1900 earphone towards the phantom Flat L/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.72 V/m; Power Drift = -0.162 dB

Maximum value of SAR (measured) = 0.035 mW/g

Peak SAR (extrapolated) = 0.055 W/kg

SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.021 mW/g

0 dB = 0.035mW/g

Fig. 25 Flat Phantom Body-worn Position 1900MHz earphone CH512 with the display of the handset towards the phantom
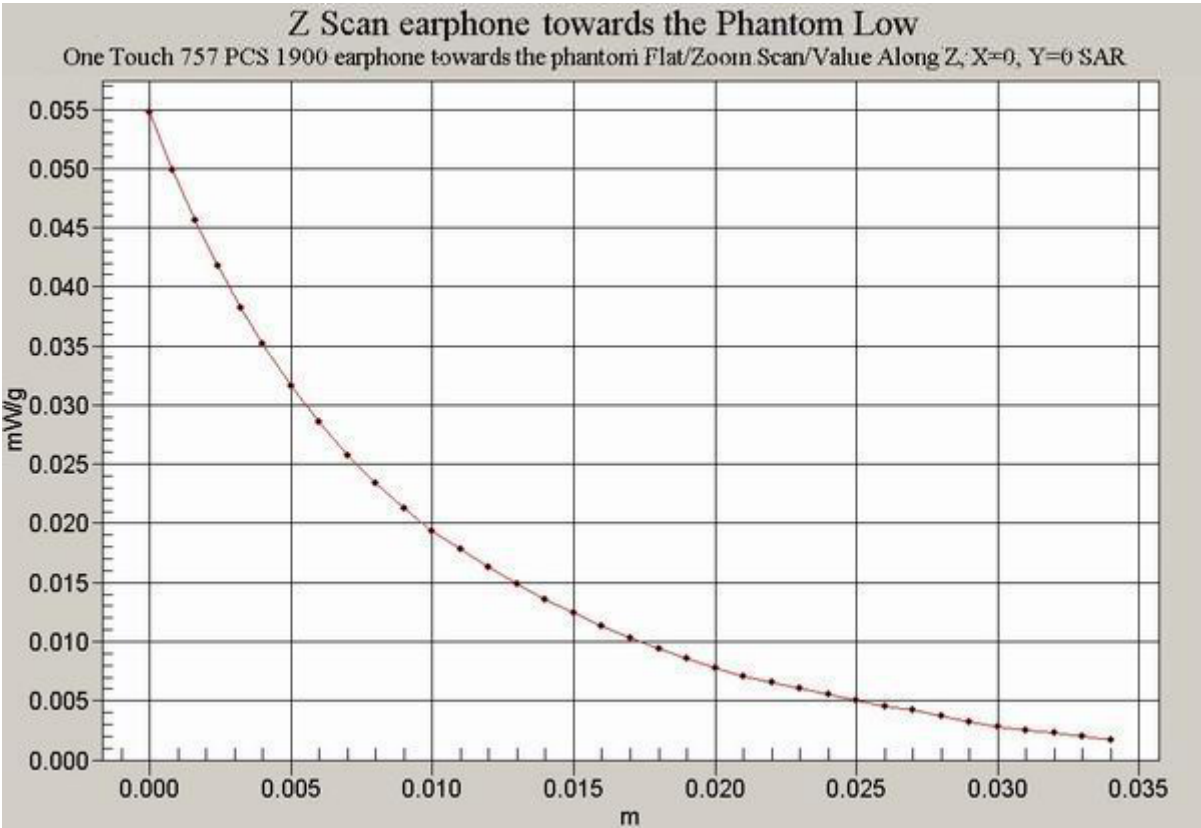
Fig. 26 Z-Scan at power reference point (Flat Phantom 1900MHz earphone CH512 with the display of the handset towards the phantom)

One Touch 757 PCS 1900 earphone towards the phantom Flat Mid

DUT: One Touch 757; Type: PCS+GPRS; Serial: 355178000001276
Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium: Body PCS 1900 Medium parameters used: f = 1880 MHz; σ = 1.64 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

One Touch 757 PCS 1900 earphone towards the phantom Flat M/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 5.23 V/m; Power Drift = -0.0261 dB
Maximum value of SAR (interpolated) = 0.045 mW/g

One Touch 757 PCS 1900 earphone towards the phantom Flat M/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.23 V/m; Power Drift = -0.0261 dB
Maximum value of SAR (measured) = 0.045 mW/g
Peak SAR (extrapolated) = 0.070 W/kg
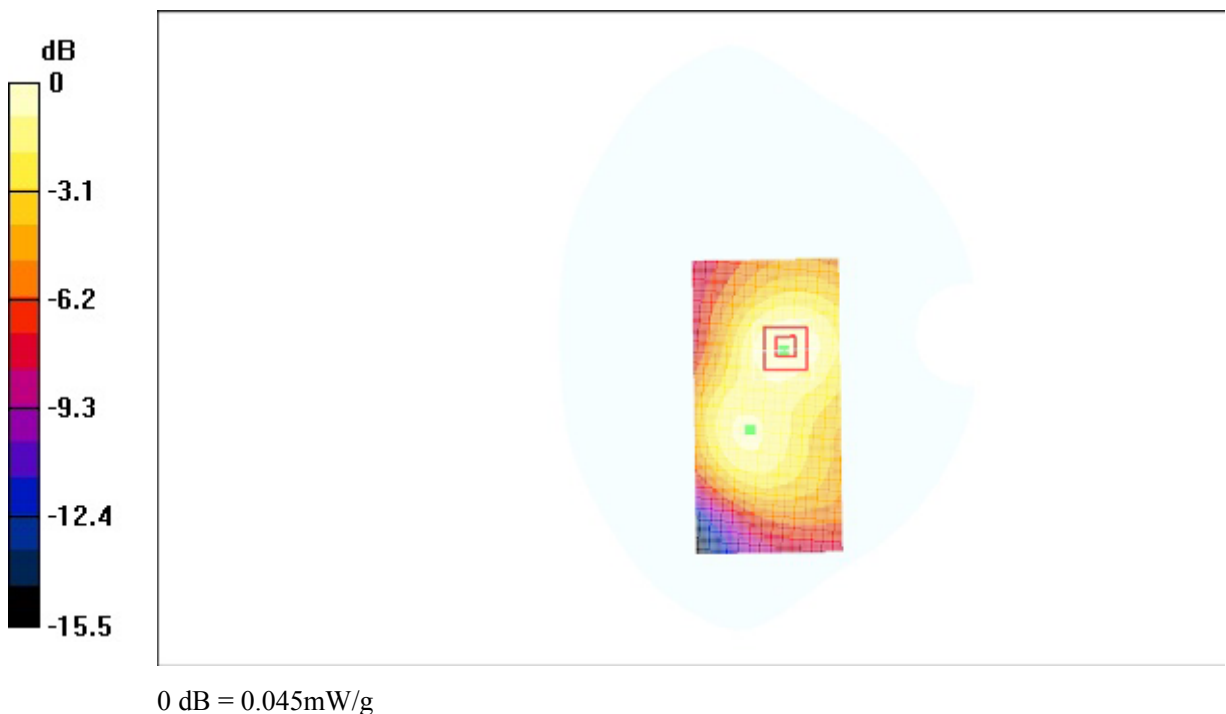**SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.026 mW/g**

0 dB = 0.045mW/g

Fig. 27 Flat Phantom Body-worn Position 1900MHz earphone CH660 with the display of the handset towards the phantom
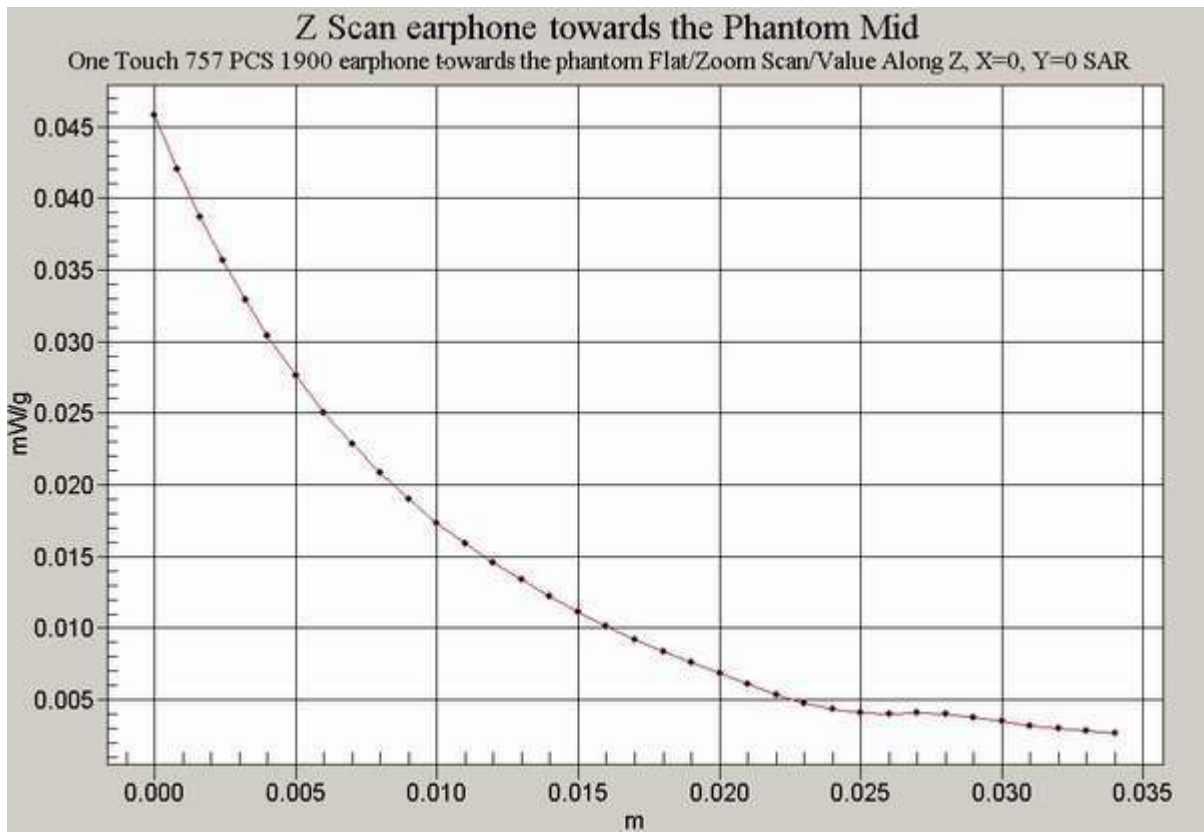
Fig. 28 Z-Scan at power reference point (Flat Phantom 1900MHz earphone CH660 with the display of the handset towards the phantom)

One Touch 757 PCS 1900 earphone towards the phantom Flat High

DUT: One Touch 757; Type: PCS+GPRS; Serial: 355178000001276
Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium: Body PCS 1900 Medium parameters used (interpolated): f = 1909.8 MHz; σ = 1.67 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

One Touch 757 PCS 1900 earphone towards the phantom Flat H/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 4.17 V/m; Power Drift = -0.122 dB
Maximum value of SAR (interpolated) = 0.029 mW/g

One Touch 757 PCS 1900 earphone towards the phantom Flat H/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.17 V/m; Power Drift = -0.122 dB
Maximum value of SAR (measured) = 0.029 mW/g
Peak SAR (extrapolated) = 0.045 W/kg
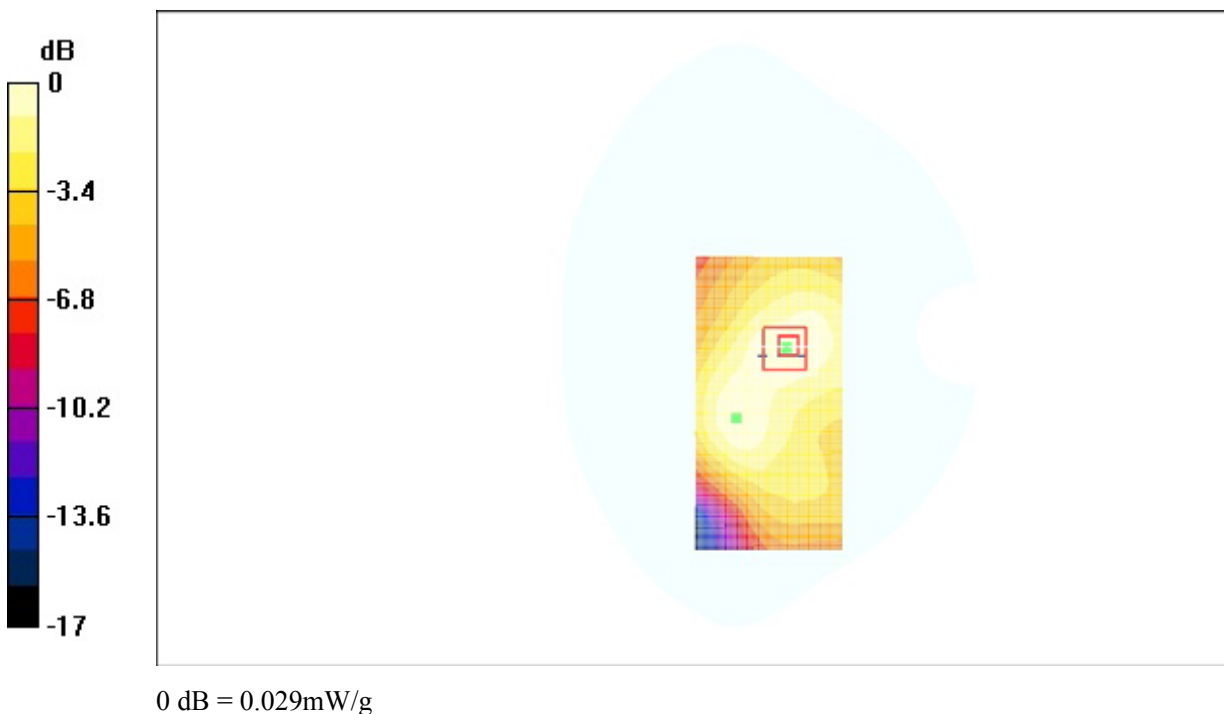**SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.017 mW/g**

0 dB = 0.029mW/g

Fig. 29 Flat Phantom Body-worn Position 1900MHz earphone CH810 with the display of the handset towards the phantom
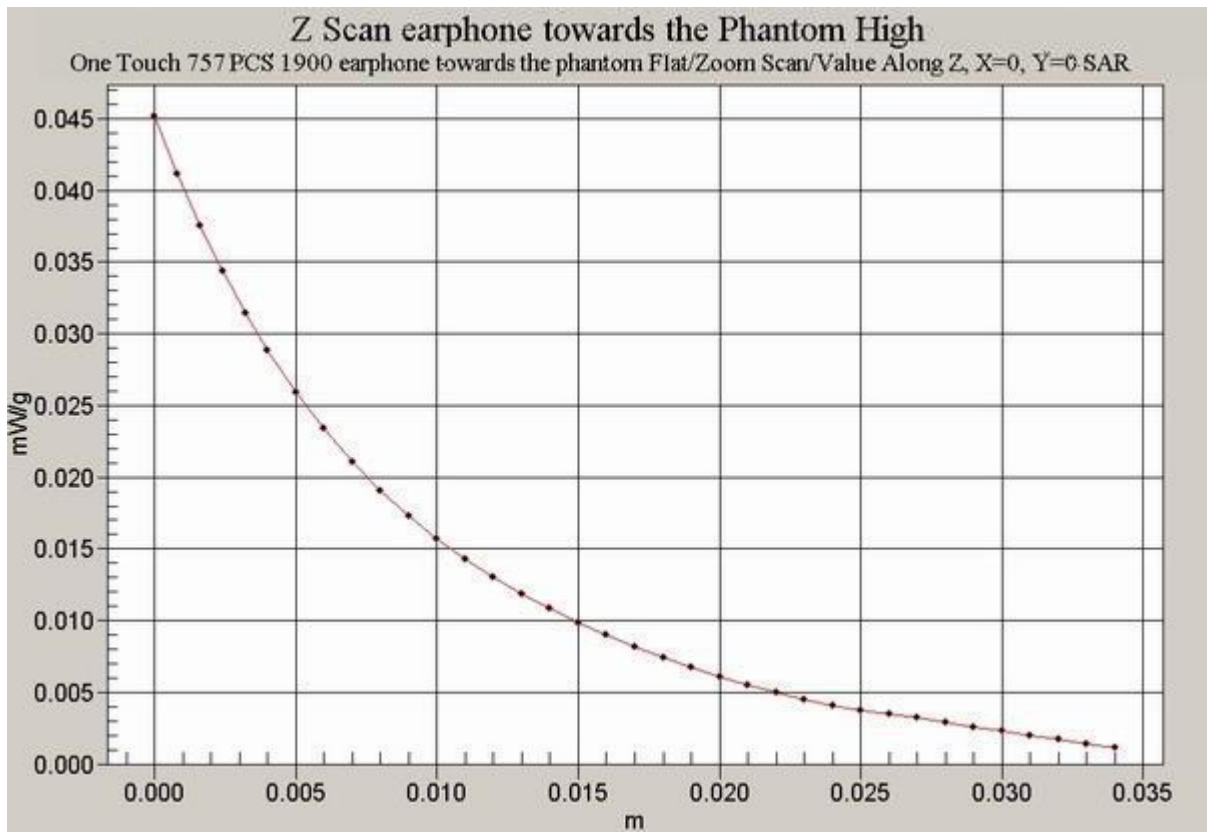
Fig. 30 Z-Scan at power reference point (Flat Phantom 1900MHz earphone CH810 with the display of the handset towards the phantom)

One Touch 757 PCS 1900 earphone towards the ground Flat Low

DUT: Alcatel TH4R; Type: PCS+GPRS; Serial: 355178000001276
Communication System: DCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium: Body DCS 1900 Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.6 mho/m; ε_r = 56; ρ = 1000 kg/m^3
Phantom section: Flat Section

One Touch 757 PCS 1900 earphone towards the Ground Flat L/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 6.72 V/m; Power Drift = -0.0597 dB
Maximum value of SAR (interpolated) = 0.144 mW/g

One Touch 757 PCS 1900 earphone towards the Ground Flat L/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.72 V/m; Power Drift = -0.0597 dB
Maximum value of SAR (measured) = 0.149 mW/g
Peak SAR (extrapolated) = 0.234 W/kg
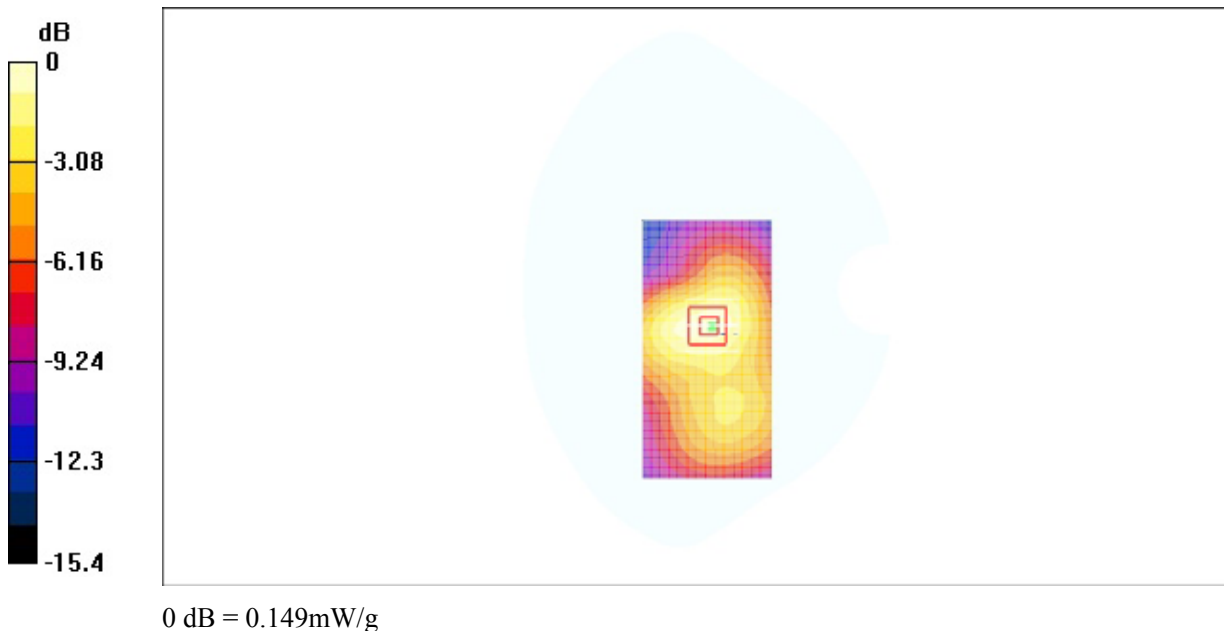**SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.080 mW/g**

0 dB = 0.149mW/g

Fig. 31 Flat Phantom Body-worn Position 1900MHz earphone CH512 with the display of the handset towards the ground
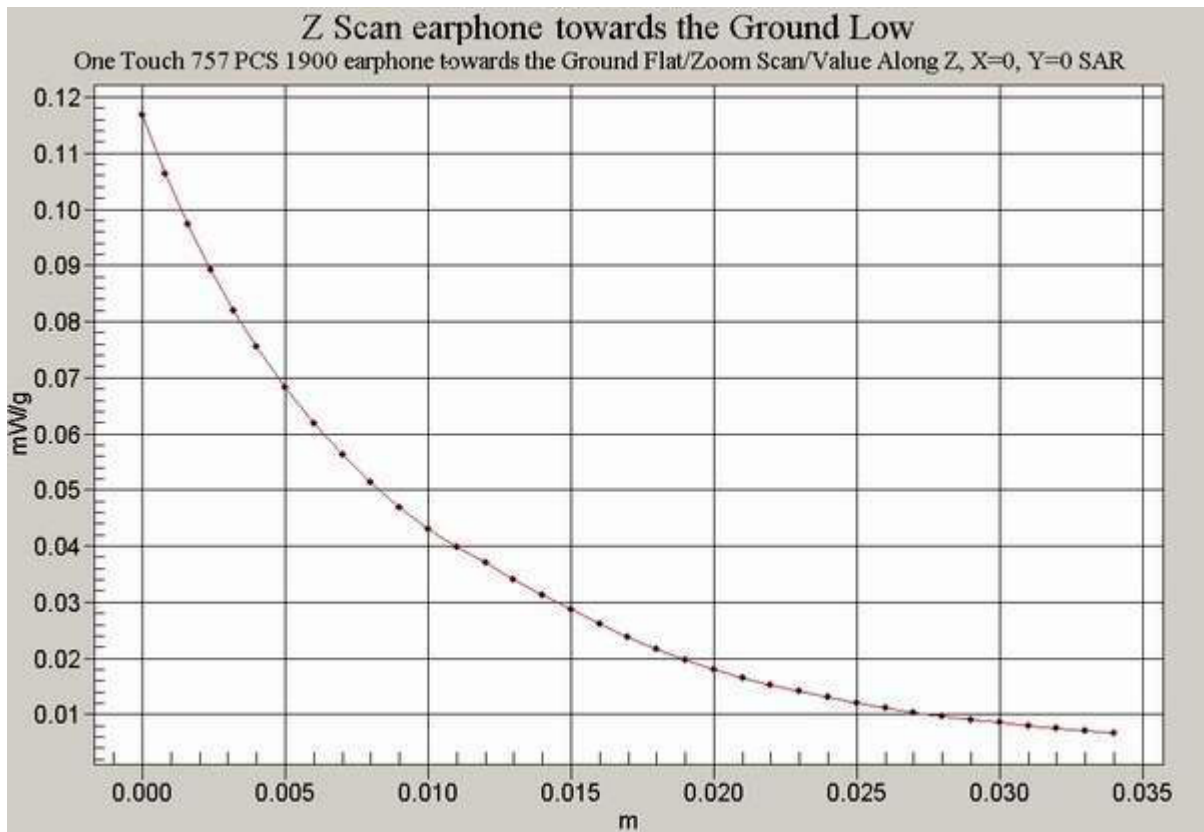
Fig. 32 Z-Scan at power reference point (Flat Phantom 1900MHz earphone CH512 with the display of the handset towards the ground)

One Touch 757 PCS 1900 earphone towards the ground Flat Mid

DUT: One Touch 757; Type: PCS+GPRS; Serial: 355178000001276
Communication System: DCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium: Body DCS 1900 Medium parameters used: f = 1880 MHz; σ = 1.64 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

One Touch 757 PCS 1900 earphone towards the Ground Flat M/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 5.54 V/m; Power Drift = 0.0422 dB
Maximum value of SAR (interpolated) = 0.188 mW/g

One Touch 757 PCS 1900 earphone towards the Ground Flat M/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.54 V/m; Power Drift = 0.0422 dB
Maximum value of SAR (measured) = 0.182 mW/g
Peak SAR (extrapolated) = 0.295 W/kg
SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.100 mW/g

0 dB = 0.182mW/g

Fig. 33 Flat Phantom Body-worn Position 1900MHz earphone CH660 with the display of the handset towards the ground
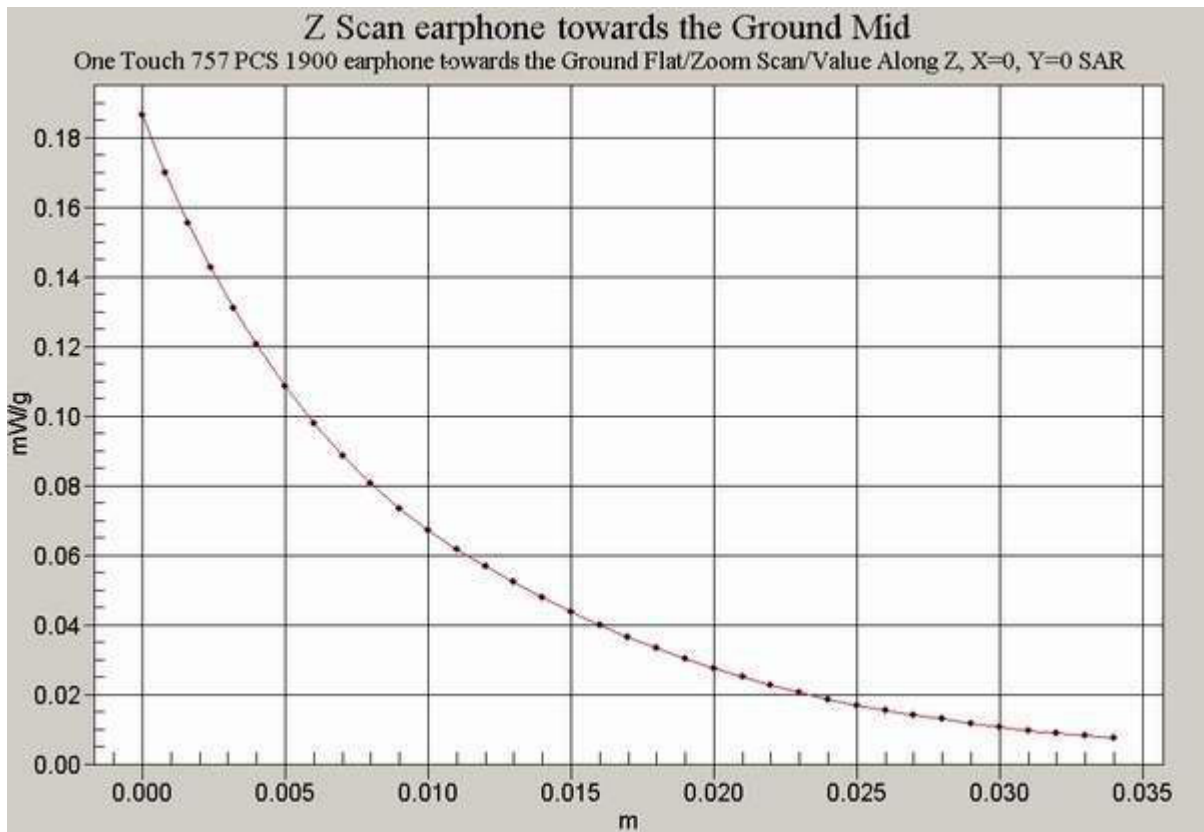
Fig. 34 Z-Scan at power reference point (Flat Phantom 1900MHz earphone CH660 with the display of the handset towards the ground)

One Touch 757 PCS 1900 earphone towards the ground Flat High

DUT: One Touch 757**; Type: PCS+GPRS; Serial: 355178000001276**
Communication System: DCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium: Body DCS 1900 Medium parameters used (interpolated): f = 1909.8 MHz; σ = 1.67
mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

**One Touch 757 PCS 1900 earphone towards the Ground Flat H/Area Scan
(51x101x1):** Measurement grid: dx=15mm, dy=15mm
Reference Value = 6.8 V/m; Power Drift = -0.0108 dB
Maximum value of SAR (interpolated) = 0.442 mW/g

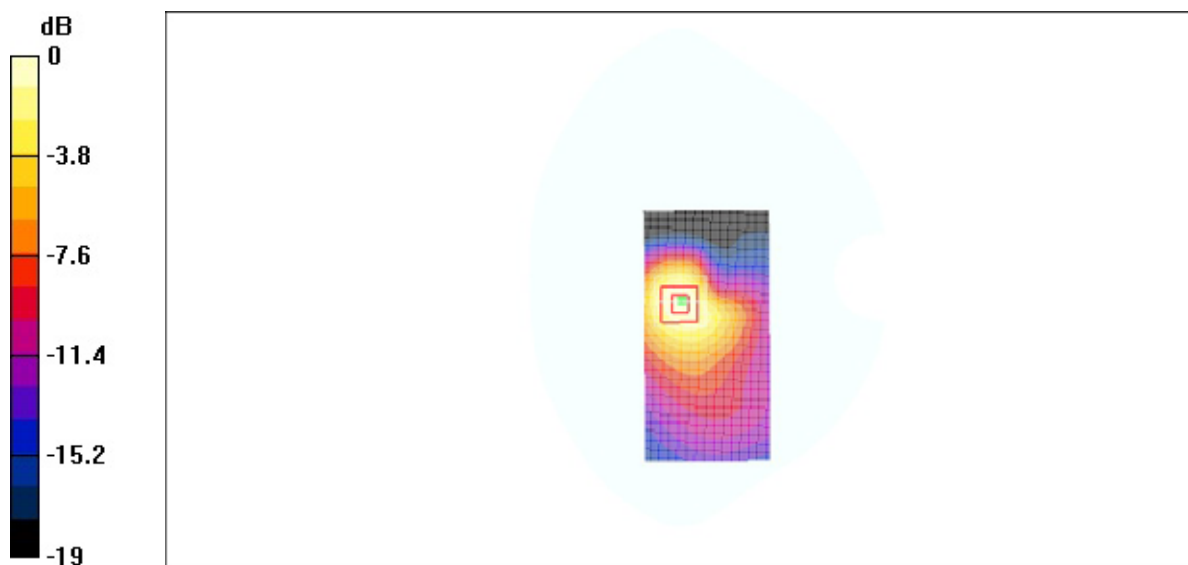**One Touch 757 PCS 1900 earphone towards the Ground Flat H/Zoom Scan
(7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.8 V/m; Power Drift = -0.0108 dB
Maximum value of SAR (measured) = 0.414 mW/g
Peak SAR (extrapolated) = 0.689 W/kg
SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.211 mW/g

0 dB = 0.414mW/g

**Fig.35 Flat Phantom Body-worn Position 1900MHz earphone CH810 with the display of the
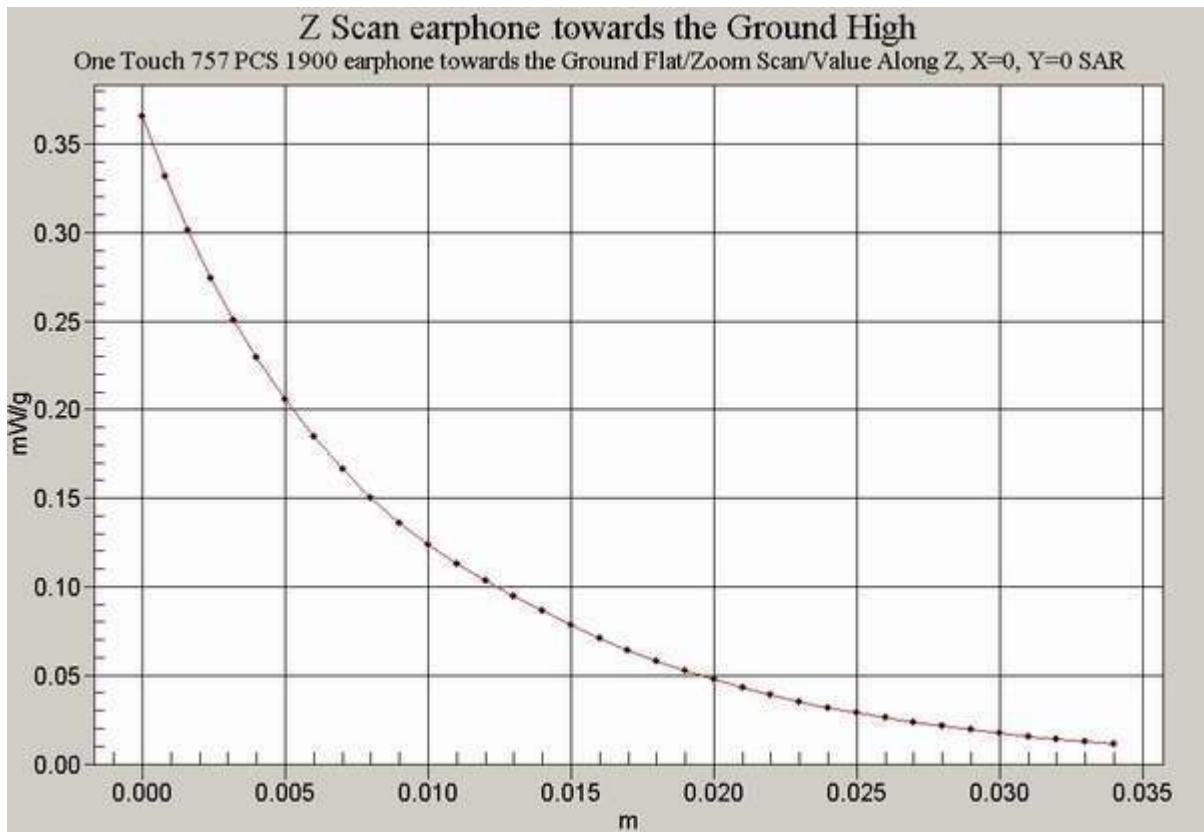handset towards the ground**

Fig. 36 Z-Scan at power reference point (Flat Phantom 1900MHz earphone CH810 with the display of the handset towards the ground)

One Touch 757 PCS+GPRS 1900 towards the phantom Flat Low

DUT: One Touch 757; Type: PCS+GPRS; Serial: 355178000001276
Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4
Medium: Body DCS 1900 Medium parameters used: f = 1850.2 MHz; σ = 1.61 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

One Touch 757 PCS+GPRS 1900 towards the phantom Flat L/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 10.4 V/m; Power Drift = -0.0658 dB
Maximum value of SAR (interpolated) = 0.191 mW/g

One Touch 757 PCS+GPRS 1900 towards the phantom Flat L/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = -0.0658 dB
Maximum value of SAR (measured) = 0.191 mW/g
Peak SAR (extrapolated) = 0.297 W/kg
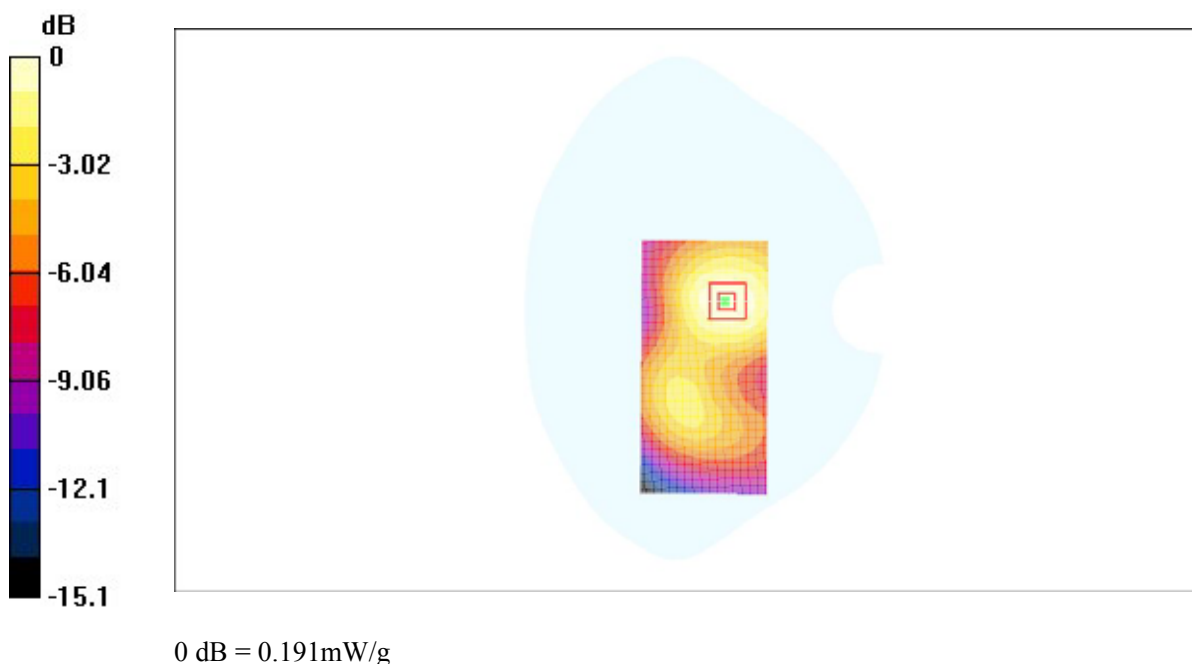**SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.109 mW/g**

0 dB = 0.191mW/g

Fig.37 Flat Phantom Body-worn Position 1900MHz GPRS CH512 with the display of the handset towards the phantom
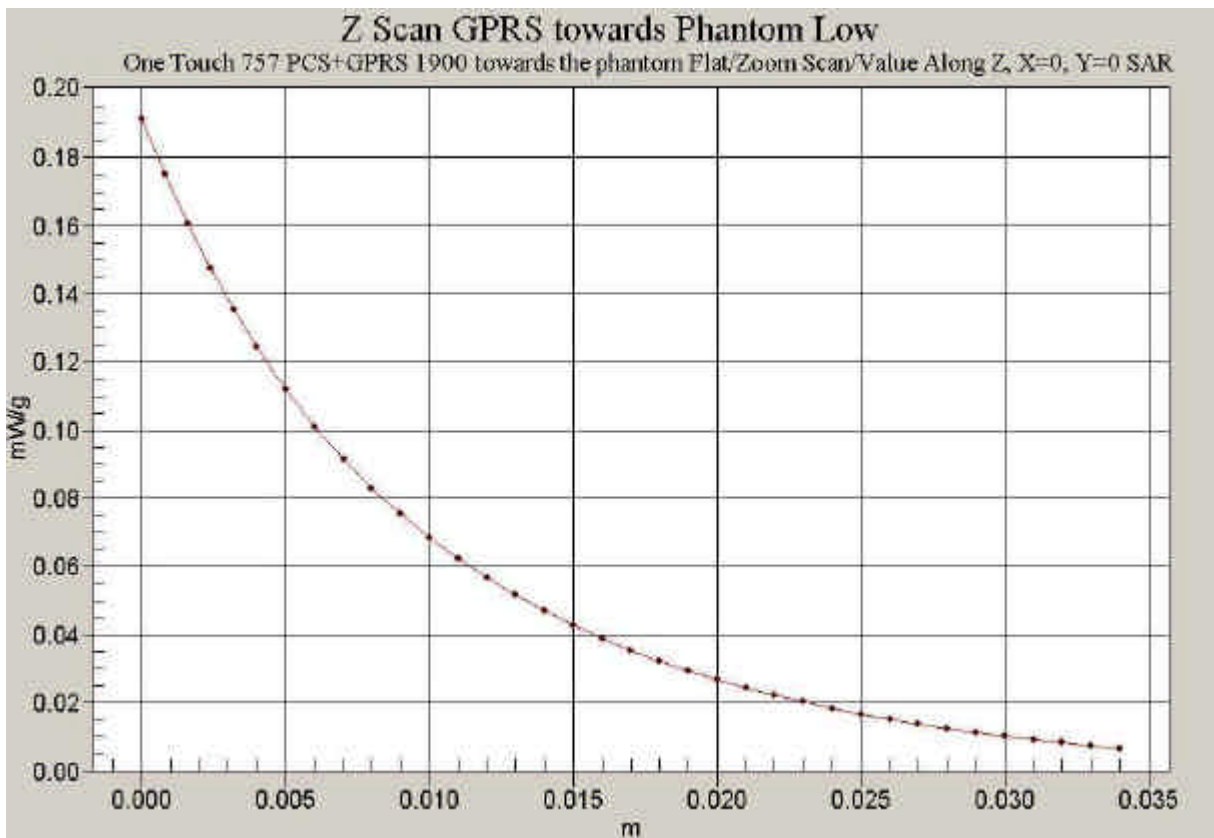
Fig. 38 Z-Scan at power reference point (Flat Phantom 1900MHz GPRS CH512 with the display of the handset towards the phantom)

One Touch 757 PCS+GPRS 1900 towards the phantom Flat Middle

DUT: One Touch 757; Type: PCS+GPRS; Serial: 355178000001276
Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4
Medium: Body DCS 1900 Medium parameters used: f = 1880 MHz; σ = 1.64 mho/m; ε_r = 55.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

One Touch 757 PCS+GPRS 1900 towards the phantom Flat M/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 10.6 V/m; Power Drift = -0.190 dB
Maximum value of SAR (interpolated) = 0.193 mW/g

One Touch 757 PCS+GPRS 1900 towards the phantom Flat M/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.6 V/m; Power Drift = -0.190 dB
Maximum value of SAR (measured) = 0.185 mW/g
Peak SAR (extrapolated) = 0.290 W/kg
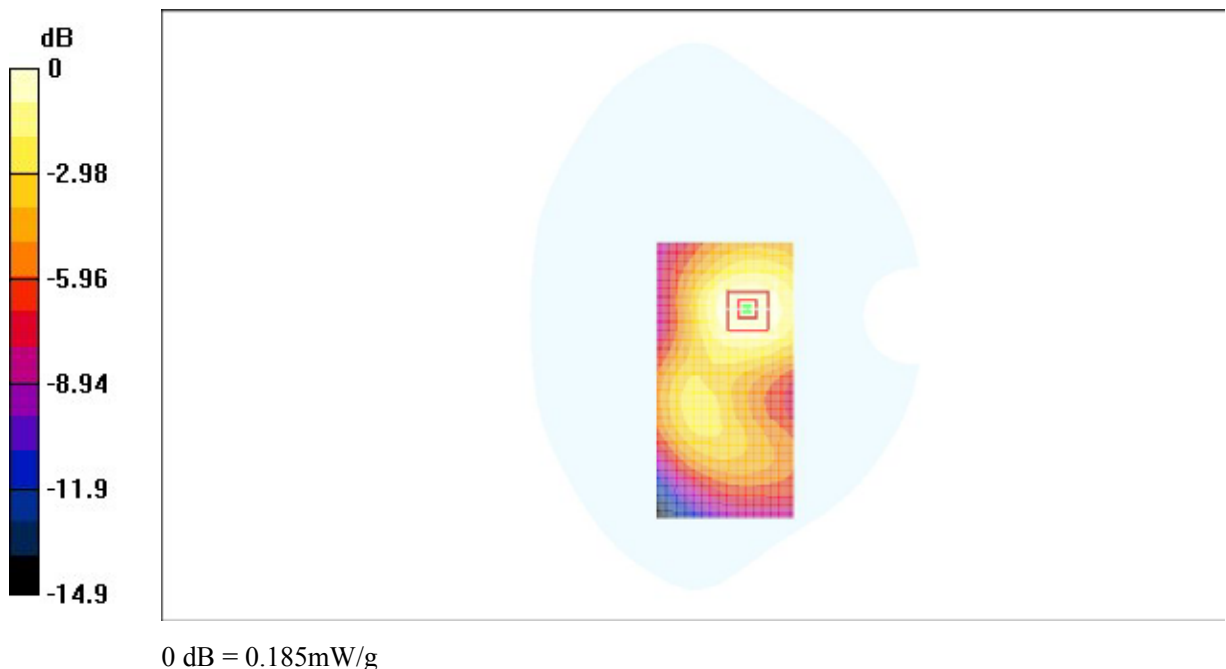**SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.106 mW/g**

0 dB = 0.185mW/g

Fig.39Flat Phantom Body-worn Position 1900MHz GPRS CH660 with the display of the handset towards the phantom

Fig. 40 Z-Scan at power reference point (Flat Phantom 1900MHz GPRS CH660 with the display of the handset towards the phantom)

One Touch 757 PCS+GPRS 1900 towards the phantom Flat High

DUT: One Touch 757; Type: PCS+GPRS; Serial: 355178000001276

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: Body DCS 1900 Medium parameters used: f = 1909.8 MHz; σ = 1.6 mho/m; ε_r = 55.4; ρ = 1000 kg/m^3

Phantom section: Flat Section

One Touch 757 PCS+GPRS 1900 towards the phantom Flat H/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 6.89 V/m; Power Drift = 0.182 dB

Maximum value of SAR (interpolated) = 0.084 mW/g

One Touch 757 PCS+GPRS 1900 towards the phantom Flat H/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.89 V/m; Power Drift = 0.182 dB

Maximum value of SAR (measured) = 0.085 mW/g

Peak SAR (extrapolated) = 0.134 W/kg
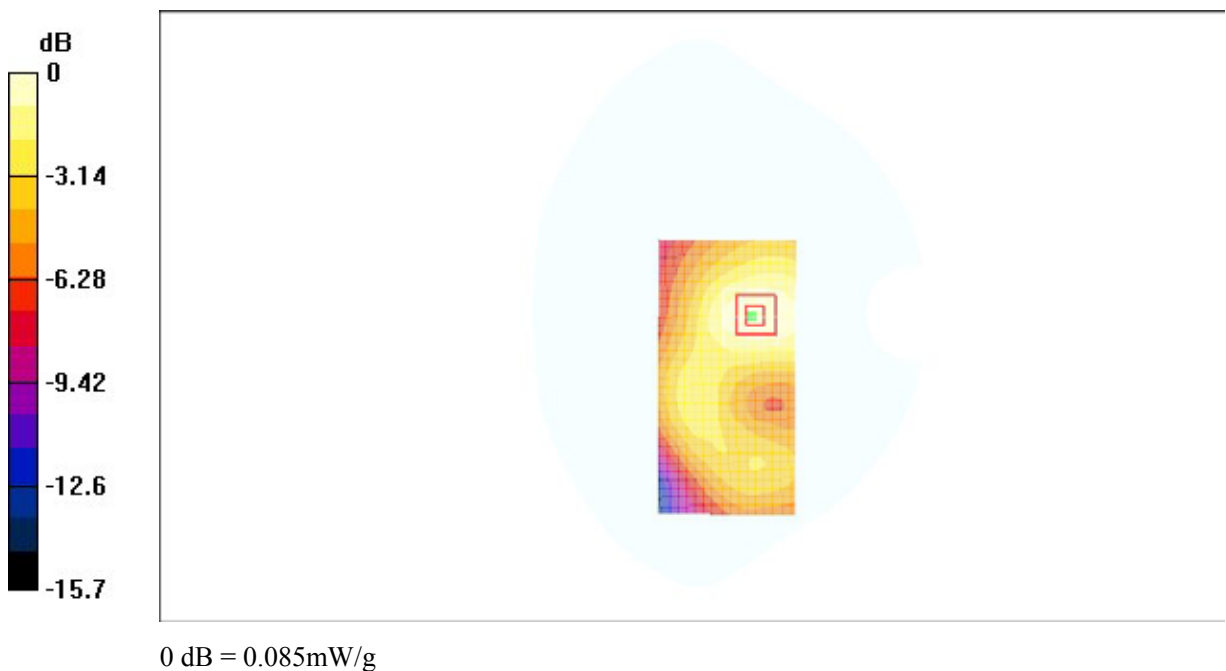
SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.048 mW/g

0 dB = 0.085mW/g

Fig.41 Flat Phantom Body-worn Position 1900MHz GPRS CH810 with the display of the handset towards the phantom
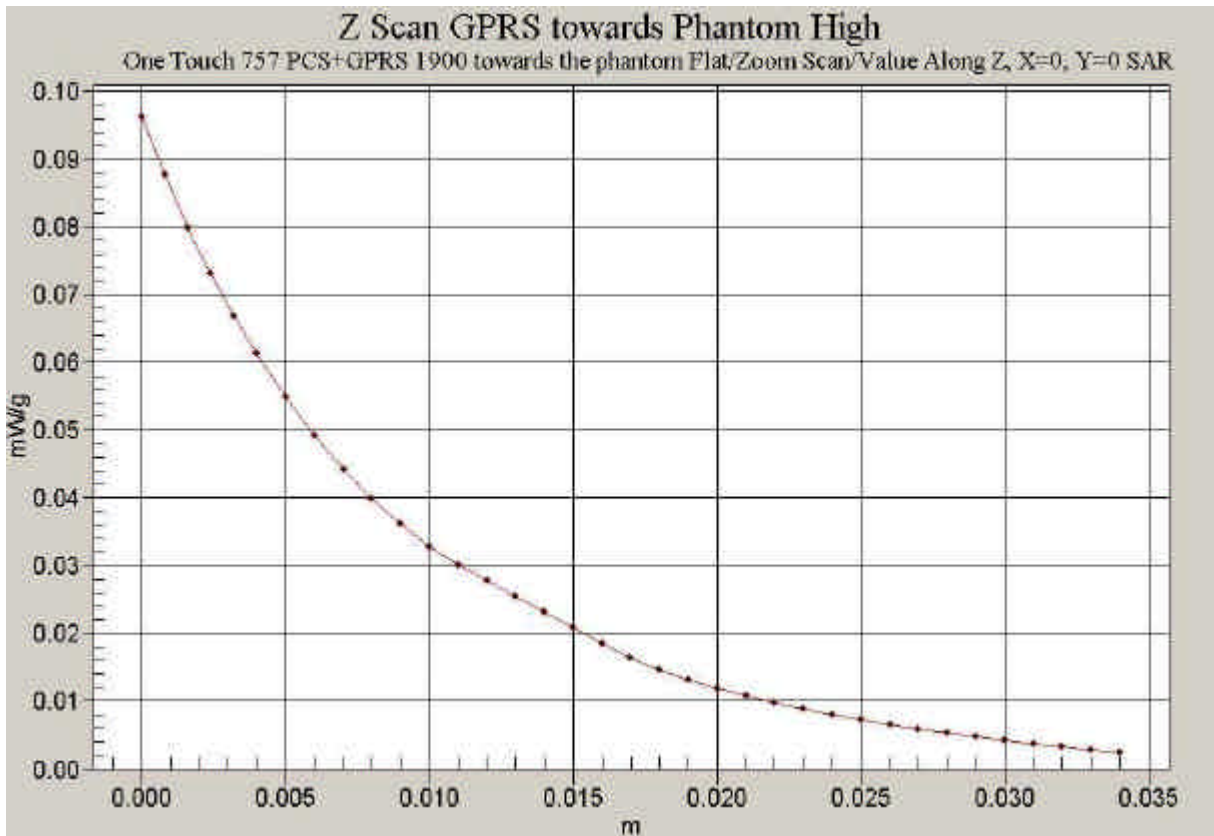
Fig. 42 Z-Scan at power reference point (Flat Phantom 1900MHz GPRS CH810 with the display of the handset towards the phantom)

One Touch 757 PCS+GPRS 1900 towards the ground Flat Low

DUT: One Touch 757 ; Type: PCS+GPRS; Serial: 355178000001276
Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4
Medium: Body DCS 1900 Medium parameters used: f = 1850.2 MHz; σ = 1.61 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

One Touch 757 PCS+GPRS 1900 towards the ground Flat L/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 13.3 V/m; Power Drift = 0.0509 dB
Maximum value of SAR (interpolated) = 0.485 mW/g

One Touch 757 PCS+GPRS 1900 towards the ground Flat L/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.3 V/m; Power Drift = 0.0509 dB
Maximum value of SAR (measured) = 0.477 mW/g
Peak SAR (extrapolated) = 0.760 W/kg
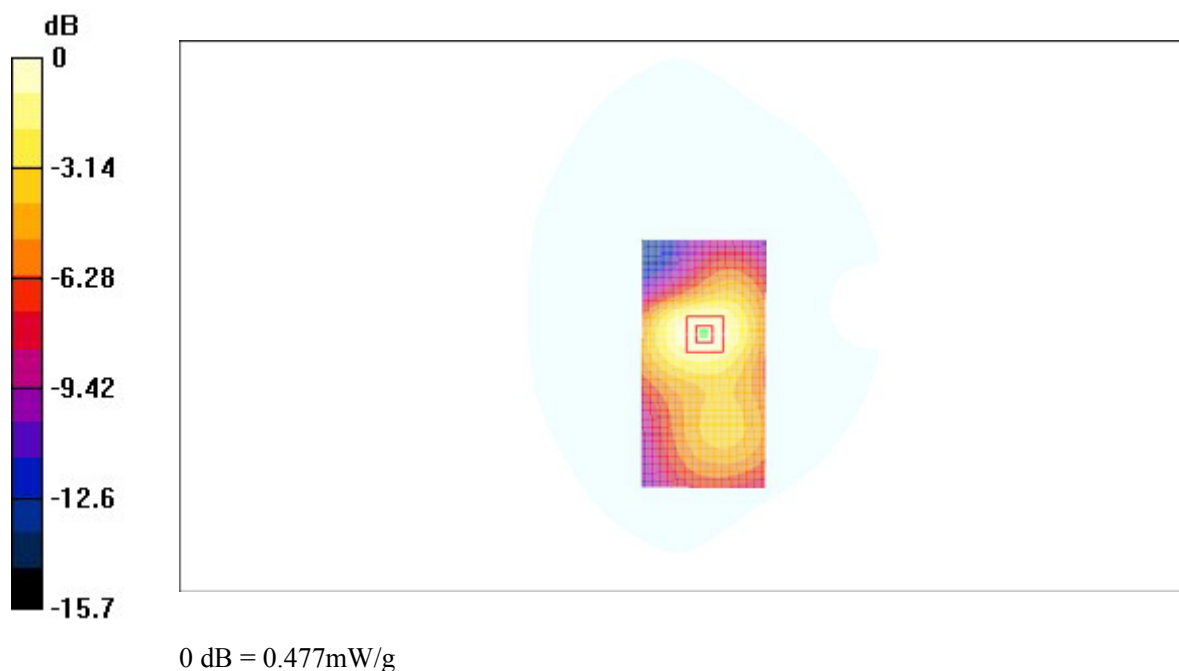**SAR(1 g) = 0.441 mW/g; SAR(10 g) = 0.262 mW/g**

0 dB = 0.477mW/g

Fig.43 Flat Phantom Body-worn Position 1900MHz GPRS CH512 with the display of the handset towards the ground
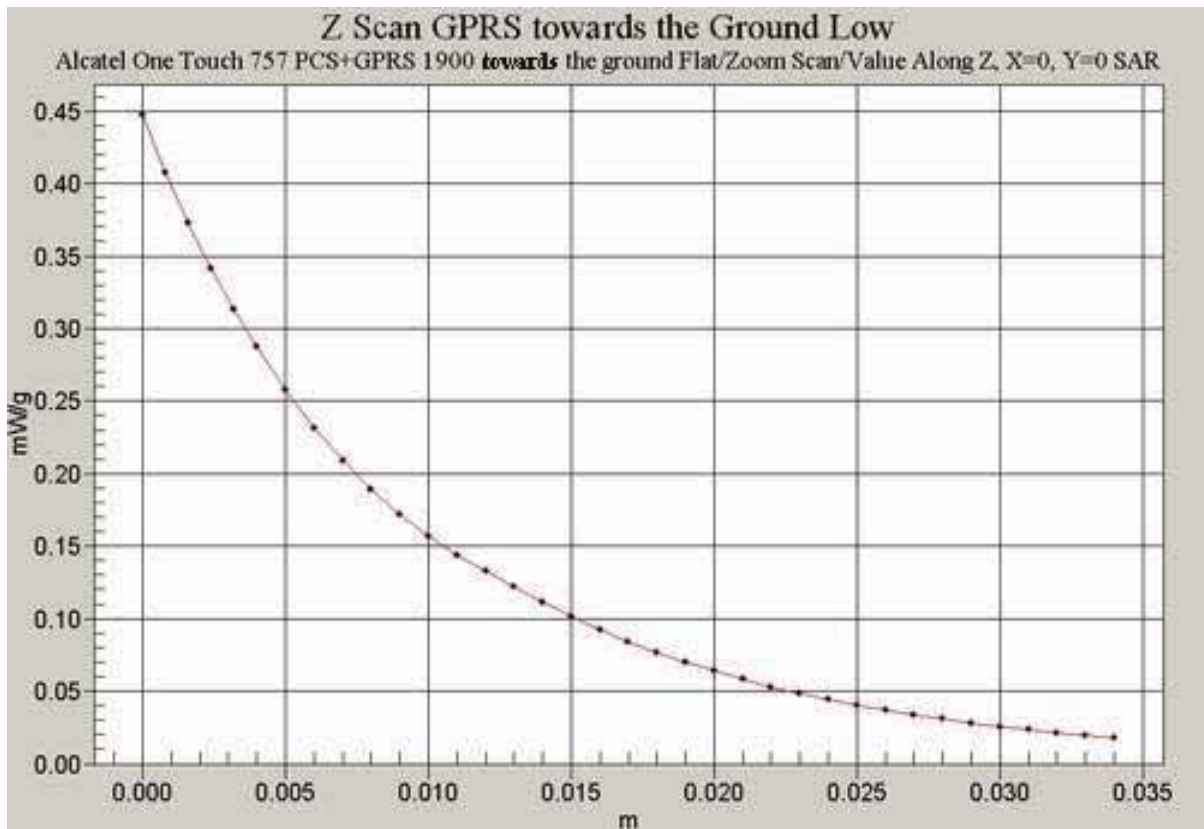
Fig. 44 Z-Scan at power reference point (Flat Phantom 1900MHz GPRS CH512 with the display of the handset towards the ground)

One Touch 757 PCS+GPRS 1900 towards the ground Flat Middle

DUT: One Touch 757; Type: PCS+GPRS; Serial: 355178000001276

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: Body DCS 1900 Medium parameters used: f = 1880 MHz; σ = 1.66 mho/m; ε_r = 55.5; ρ = 1000 kg/m^3

Phantom section: Flat Section

One Touch 757 PCS+GPRS 1900 towards the ground Flat M/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 13.9 V/m; Power Drift = -0.00472 dB

Maximum value of SAR (interpolated) = 0.705 mW/g

One Touch 757 PCS+GPRS 1900 towards the ground Flat M/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.9 V/m; Power Drift = -0.00472 dB

Maximum value of SAR (measured) = 0.677 mW/g

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.633 mW/g; SAR(10 g) = 0.368 mW/g

0 dB = 0.677mW/g

Fig.45 Flat Phantom Body-worn Position 1900MHz GPRS CH660 with the display of the handset towards the ground
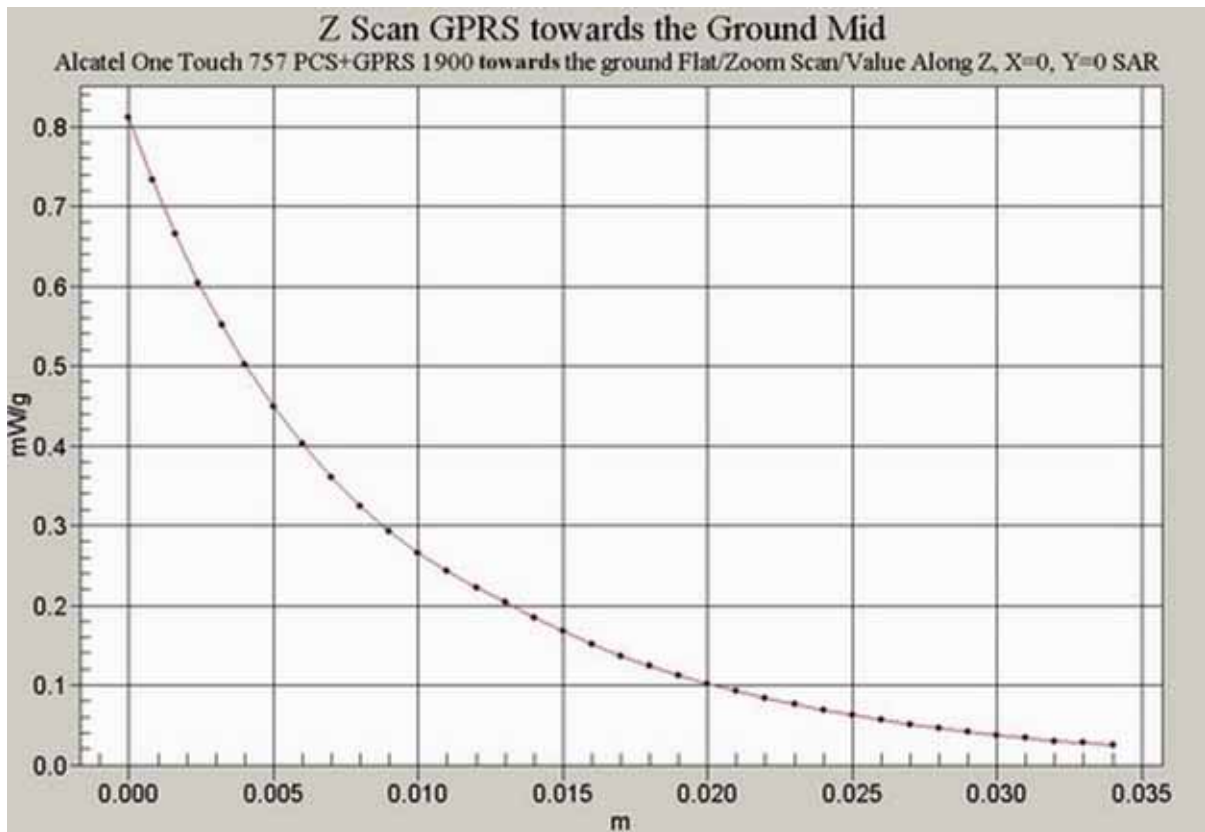
Fig. 46 Z-Scan at power reference point (Flat Phantom 1900MHz GPRS CH660 with the display of the handset towards the ground)

One Touch 757 PCS+GPRS 1900 towards the ground Flat High

DUT: Alcatel One Touch 757; Type: PCS+GPRS; Serial: 355178000001276
Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: Body DCS 1900 (2004-10-28) Medium parameters used (interpolated): f = 1909.8 MHz; σ = 1.7 mho/m; ε_r = 55.4; ρ = 1000 kg/m^3
Phantom section: Flat Section

One Touch 757 PCS+GPRS 1900 towards the ground Flat H/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 14.7 V/m; Power Drift = -0.0757 dB
Maximum value of SAR (interpolated) = 1.06 mW/g

One Touch 757 PCS+GPRS 1900 towards the ground Flat H/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.7 V/m; Power Drift = -0.0757 dB
Maximum value of SAR (measured) = 0.989 mW/g
Peak SAR (extrapolated) = 1.65 W/kg
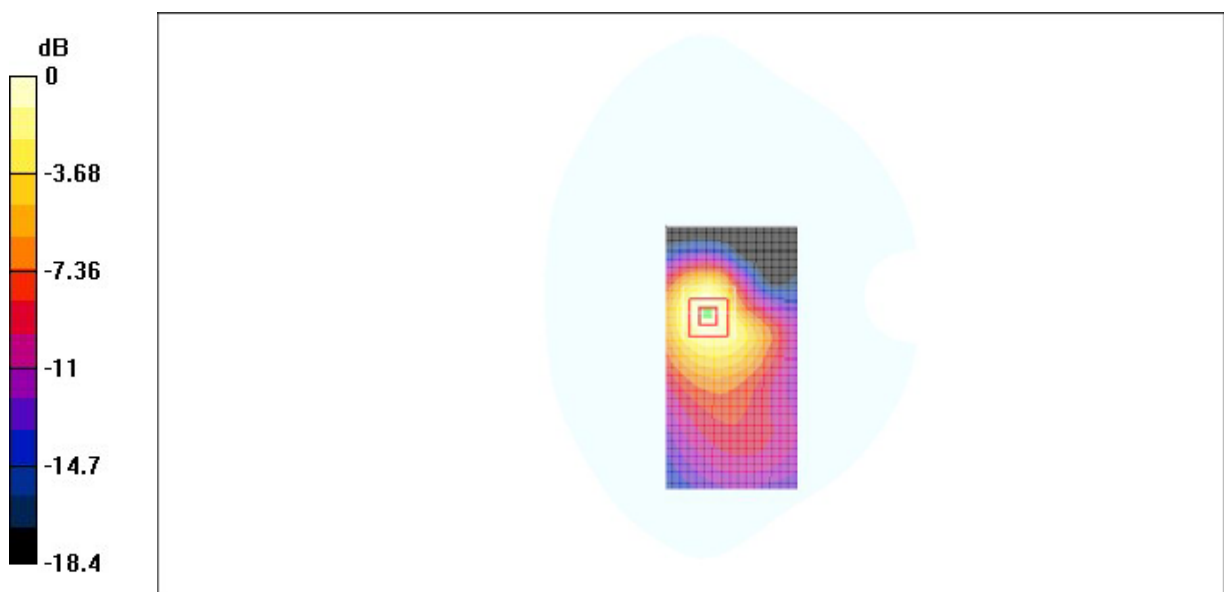**SAR(1 g) = 0.907 mW/g; SAR(10 g) = 0.502 mW/g**

0 dB = 0.989mW/g

Fig.47 Flat Phantom Body-worn Position 1900MHz GPRS CH810 with the display of the handset towards the ground
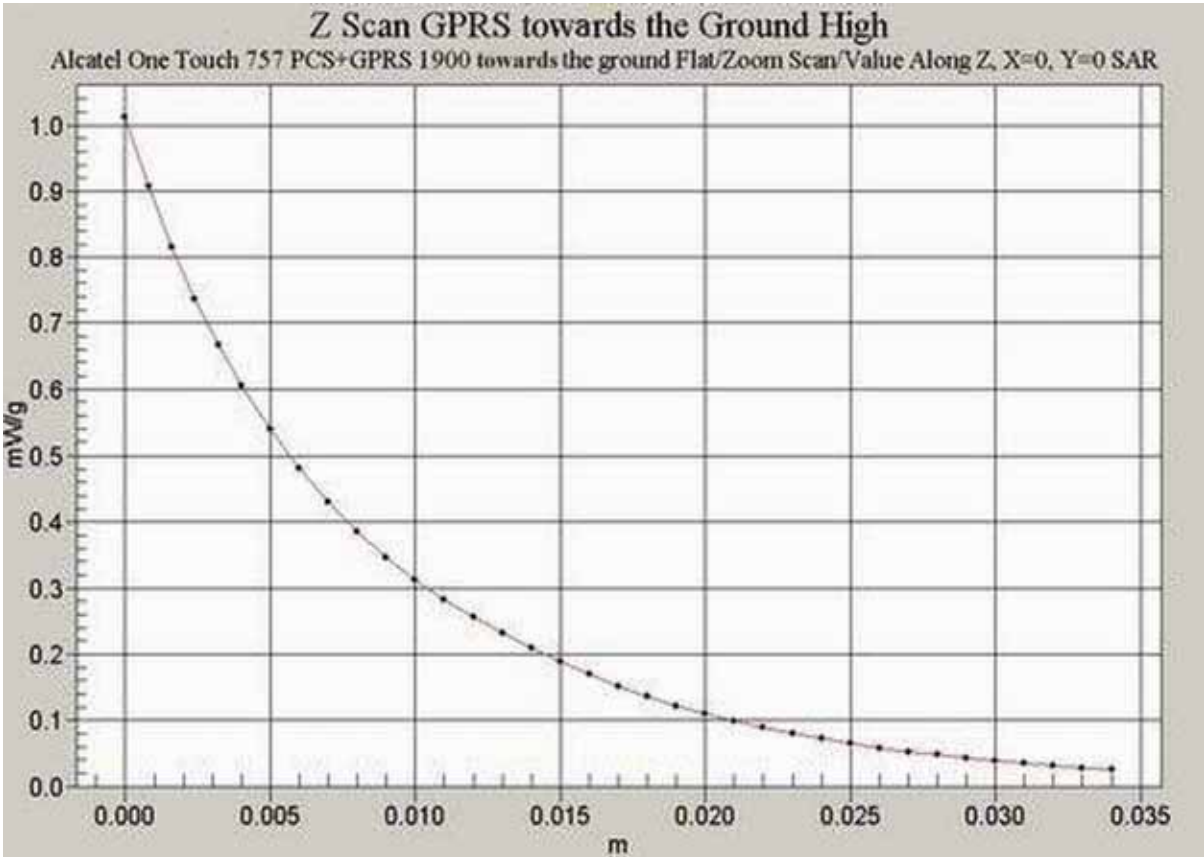
Fig. 48 Z-Scan at power reference point (Flat Phantom 1900MHz GPRS CH810 with the display of the handset towards the ground)

One Touch 757 PCS+GPRS 1900 Head Flat Low

DUT: One Touch 757; Type: PCS+GPRS; Serial: 355178000001276
Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4
Medium: Head-DCS 1900 MHz Medium parameters used f = 1850.2 MHz; σ = 1.46 mho/m;
ε_r = 38.2; ρ = 1000 kg/m^3
Phantom section: Flat Section

One Touch 757 PCS+GPRS 1900 Head L/Area Scan (51x101x1): Measurement
grid: dx=15mm, dy=15mm
Reference Value = 11.3 V/m; Power Drift = 0.0343 dB
Maximum value of SAR (interpolated) = 0.199 mW/g

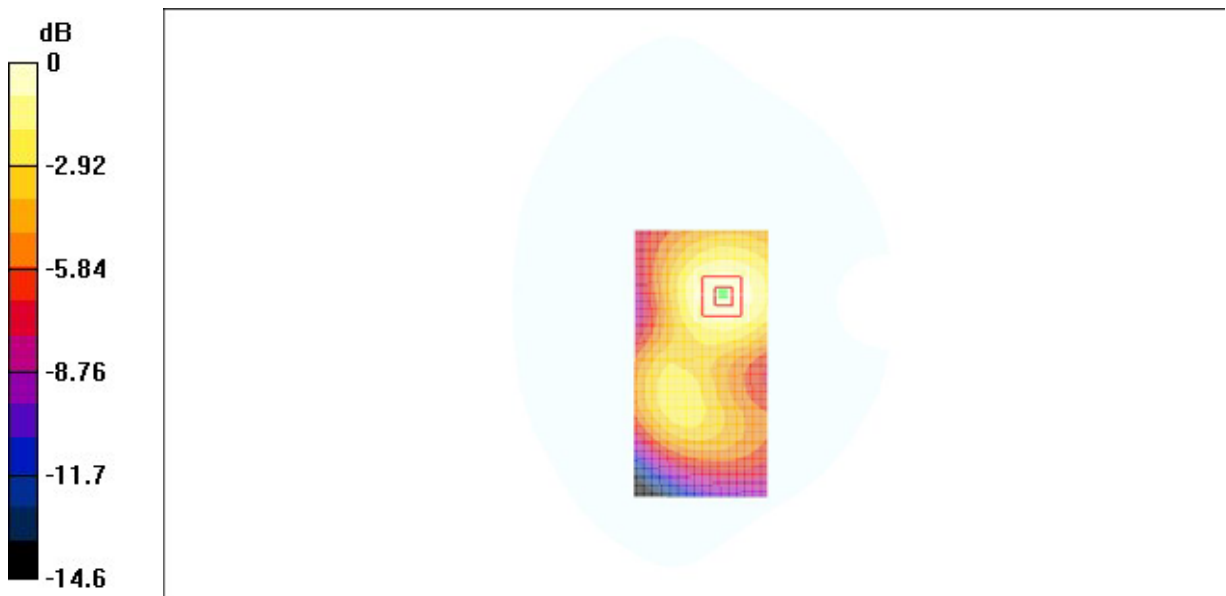**One Touch 757 PCS+GPRS 1900 Head L/Zoom Scan (7x7x7)/Cube 0:**
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.3 V/m; Power Drift = 0.0343 dB
Maximum value of SAR (measured) = 0.201 mW/g
Peak SAR (extrapolated) = 0.293 W/kg
SAR(1 g) = 0.185 mW/g; SAR(10 g) = 0.115 mW/g

0 dB = 0.201mW/g

**Fig.49 Flat Phantom Hand-worn Position 1900MHz GPRS CH512 with the display of the
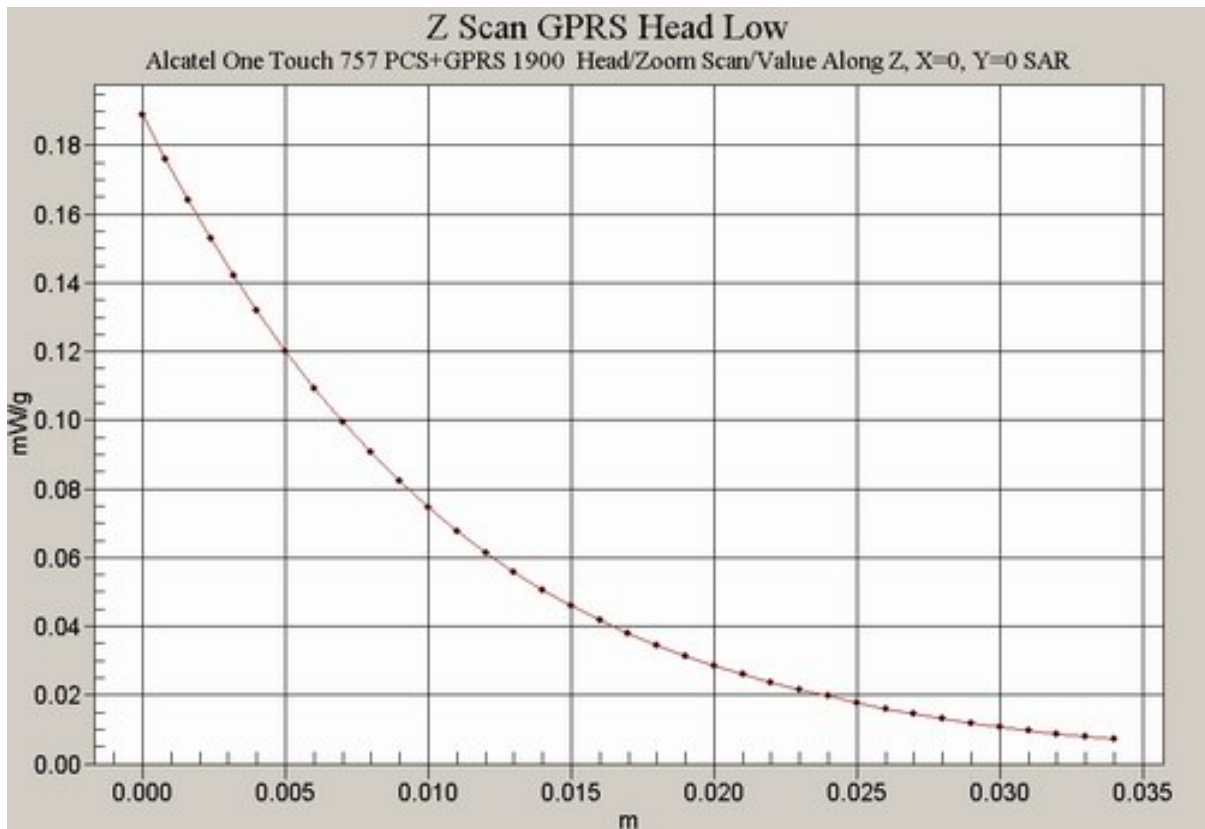handset towards the phantom**

Fig. 50 Z-Scan at power reference point (Flat Phantom 1900MHz GPRS CH512 with the display of the handset towards the phantom)

One Touch 757 PCS+GPRS 1900 Head Flat Mid

DUT: One Touch 757; Type: PCS+GPRS; Serial: 355178000001276
Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4
Medium: Head-DCS 1900 MHz Medium parameters used: f = 1880 MHz; σ = 1.48 mho/m; ε_r = 38.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

One Touch 757 PCS+GPRS 1900 Head Mid/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 11.4 V/m; Power Drift = -0.0187 dB
Maximum value of SAR (interpolated) = 0.199 mW/g

One Touch 757 PCS+GPRS 1900 Head Mid/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.4 V/m; Power Drift = -0.0187 dB
Maximum value of SAR (measured) = 0.196 mW/g
Peak SAR (extrapolated) = 0.291 W/kg
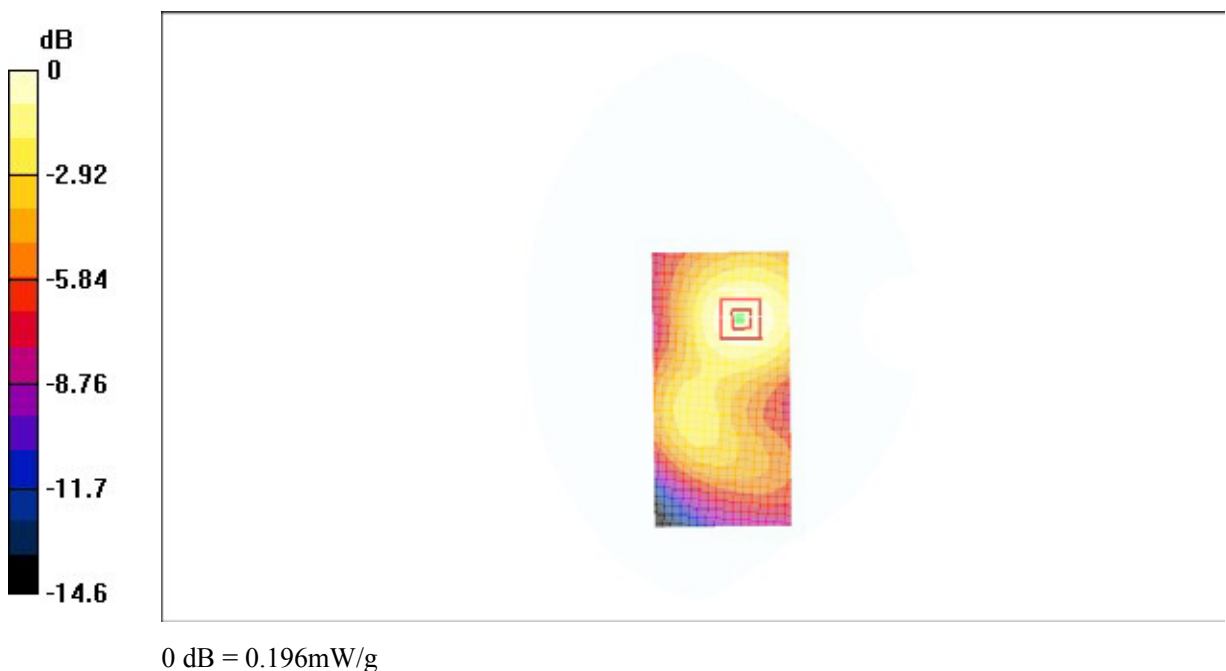**SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.111 mW/g**

0 dB = 0.196mW/g

Fig.51Flat Phantom Hand-worn Position 1900MHz GPRS CH660 with the display of the handset towards the phantom
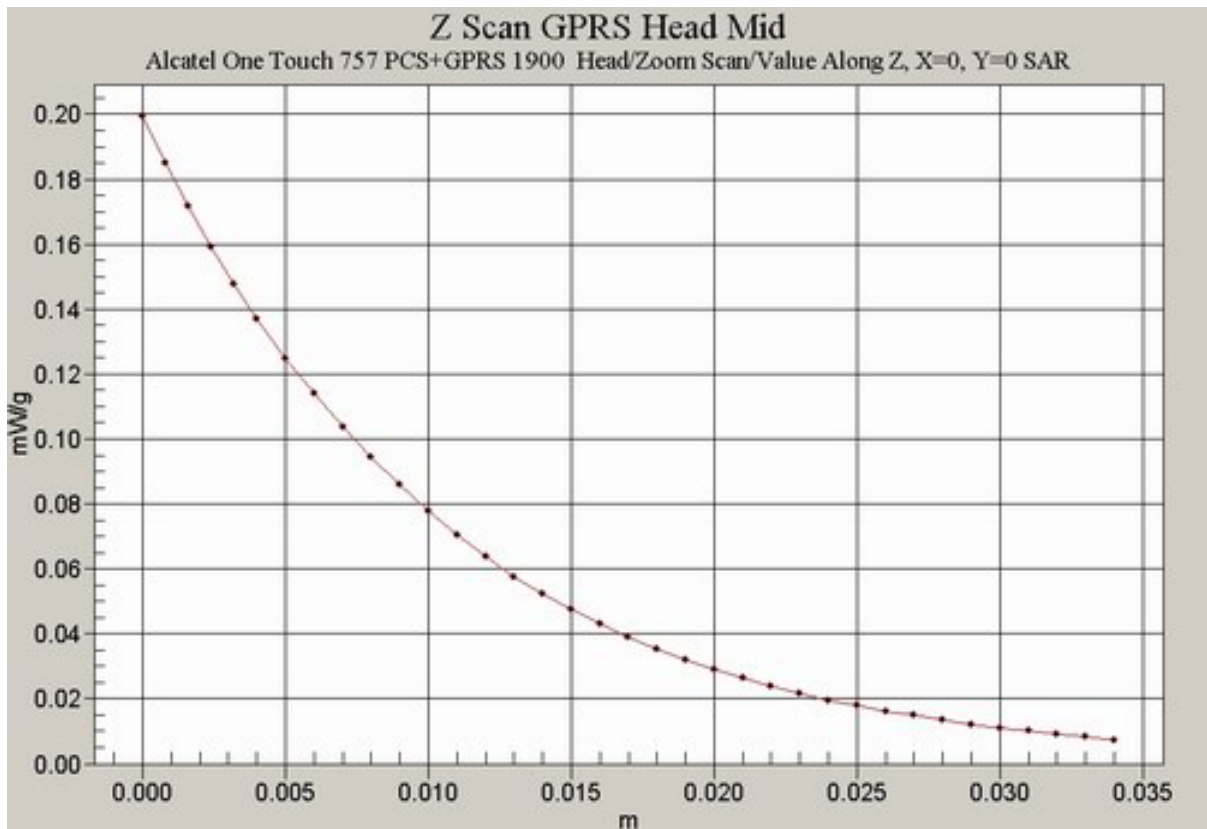
Fig. 52 Z-Scan at power reference point (Flat Phantom 1900MHz GPRS CH660 with the display of the handset towards the phantom)

One Touch 757 PCS+GPRS 1900 Head Flat High

DUT: One Touch 757; Type: PCS+GPRS; Serial: 355178000001276
Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: Head-DCS 1900 MHz Medium parameters used: f = 1909.8 MHz; σ = 1.51 mho/m;
ε_r = 38; ρ = 1000 kg/m^3
Phantom section: Flat Section

One Touch 757 PCS+GPRS 1900 Head High/Area Scan (51x101x1):
Measurement grid: dx=15mm, dy=15mm
Reference Value = 7.39 V/m; Power Drift = 0.0231 dB
Maximum value of SAR (interpolated) = 0.081 mW/g

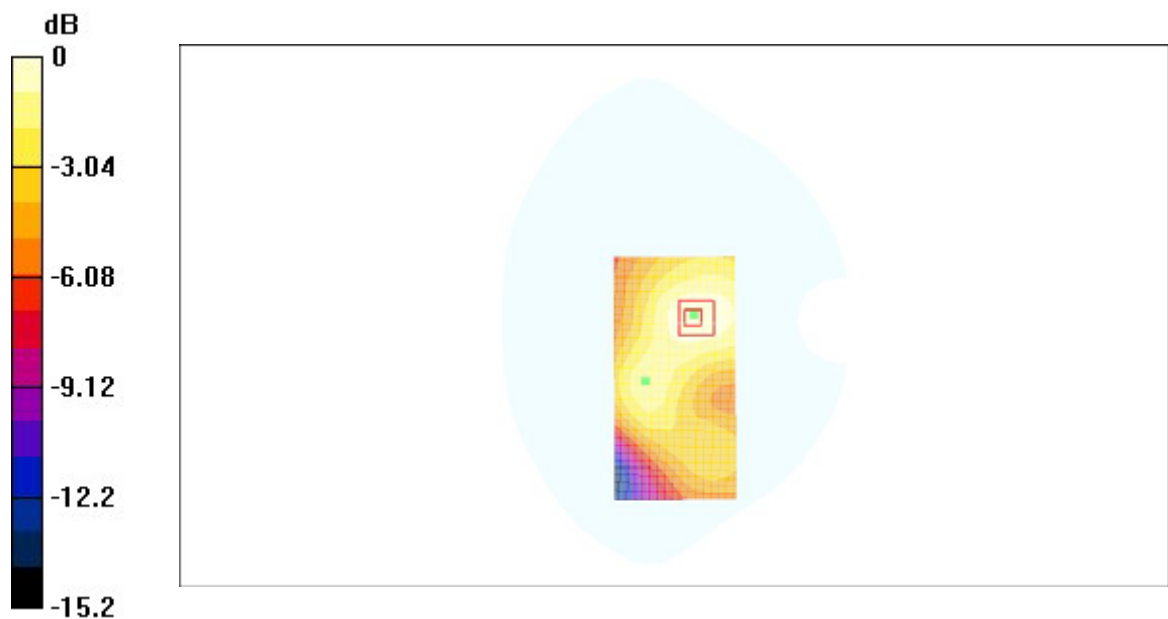### One Touch 757 PCS+GPRS 1900 Head High/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.39 V/m; Power Drift = 0.0231 dB
Maximum value of SAR (measured) = 0.083 mW/g
Peak SAR (extrapolated) = 0.122 W/kg
SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.047 mW/g

0 dB = 0.083mW/g

**Fig.53Flat Phantom Hand-worn Position 1900MHz GPRS CH810 with the display of the
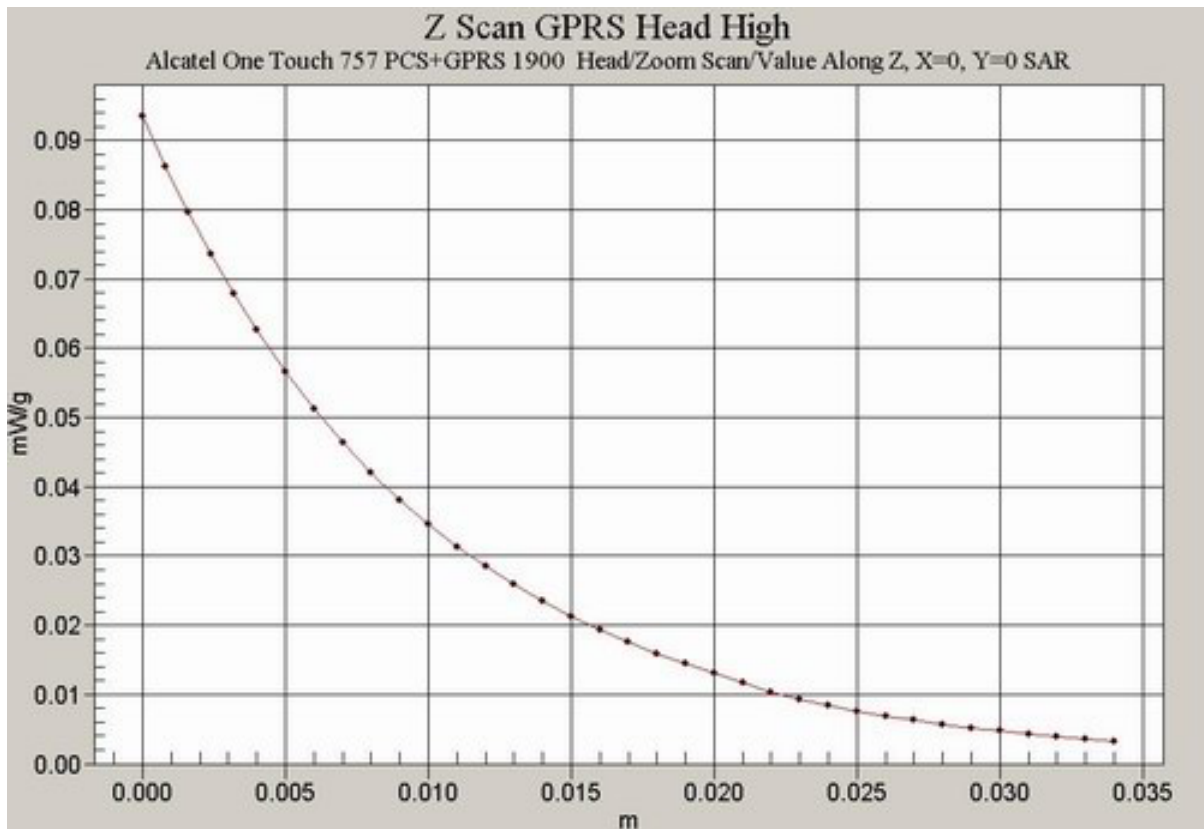handset towards the phantom**

Fig. 54 Z-Scan at power reference point (Flat Phantom 1900MHz GPRS CH810 with the display of the handset towards the phantom)

ANNEX D: SYSTEM VALIDATION RESULTS

Test Laboratory: TMC
File Name: D1900_SystemCheck_040403.da4

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

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
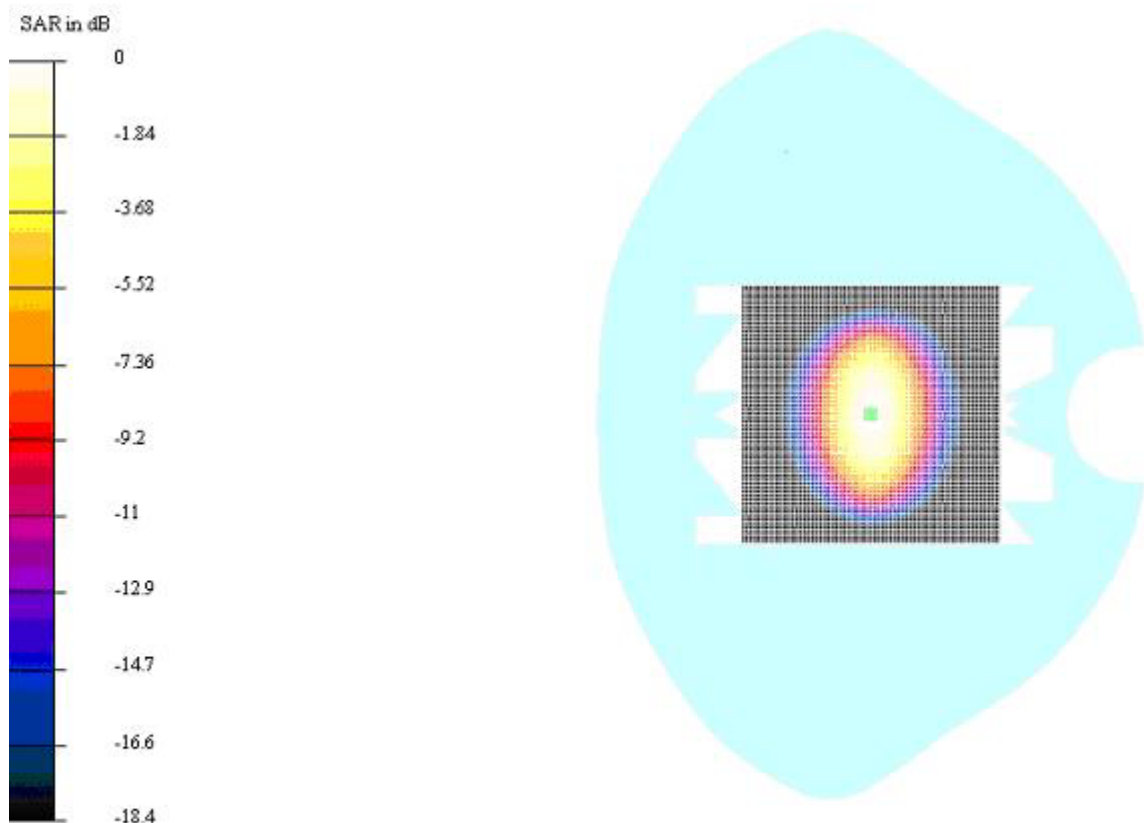Power Drift = 0.004 dB
Area Scan (101x101x1): Measurement grid: dx=10mm, dy=10mm

Fig.55 System Performance Check 1900MHz 250mW