

13.3 EGSM 850MHz mode

13.3.1 836 MHz, EUT Position: Tablet PL ,Main Antenna

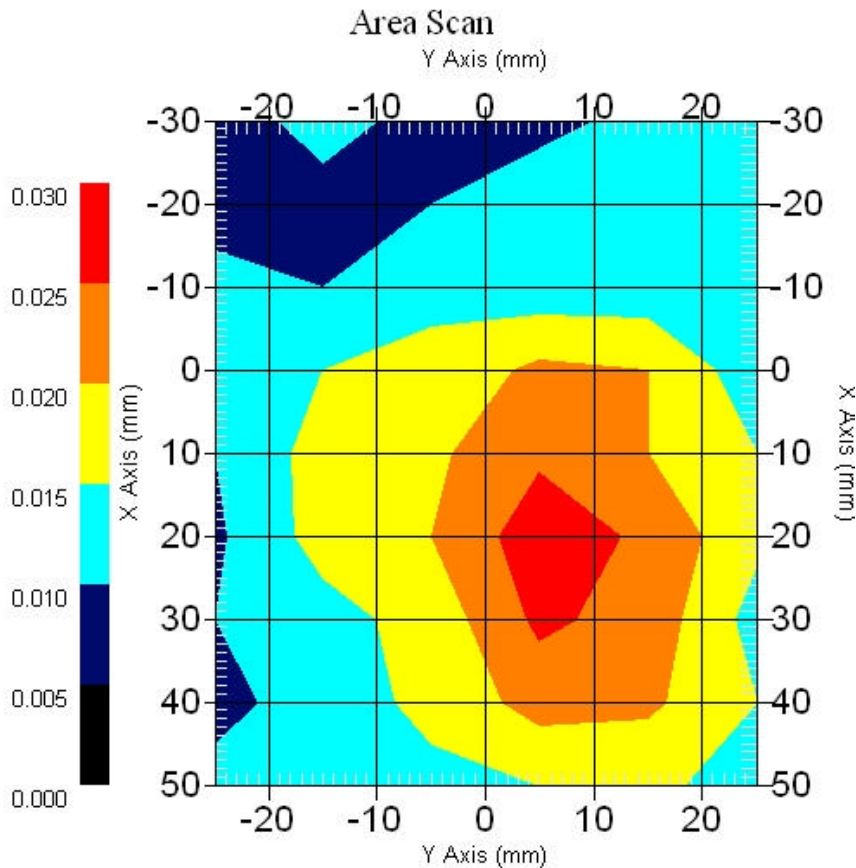
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Area Scan : 9x6x1 : Measurement x=10mm, y=10mm, z=4mm
 Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid - 836MHz

Power Drift-Start : 0.019 W/kg
 Power Drift-Finish: 0.021 W/kg
 Power Drift (%) : 12.225
 Picture : (No picture)



1 gram SAR value : 0.028 W/kg
 10 gram SAR value : 0.019 W/kg
 Area Scan Peak SAR : 0.028 W/kg
 Zoom Scan Peak SAR : 0.040 W/kg

13.3.2 836 MHz, EUT Position: Tablet PP ,Aux Antenna

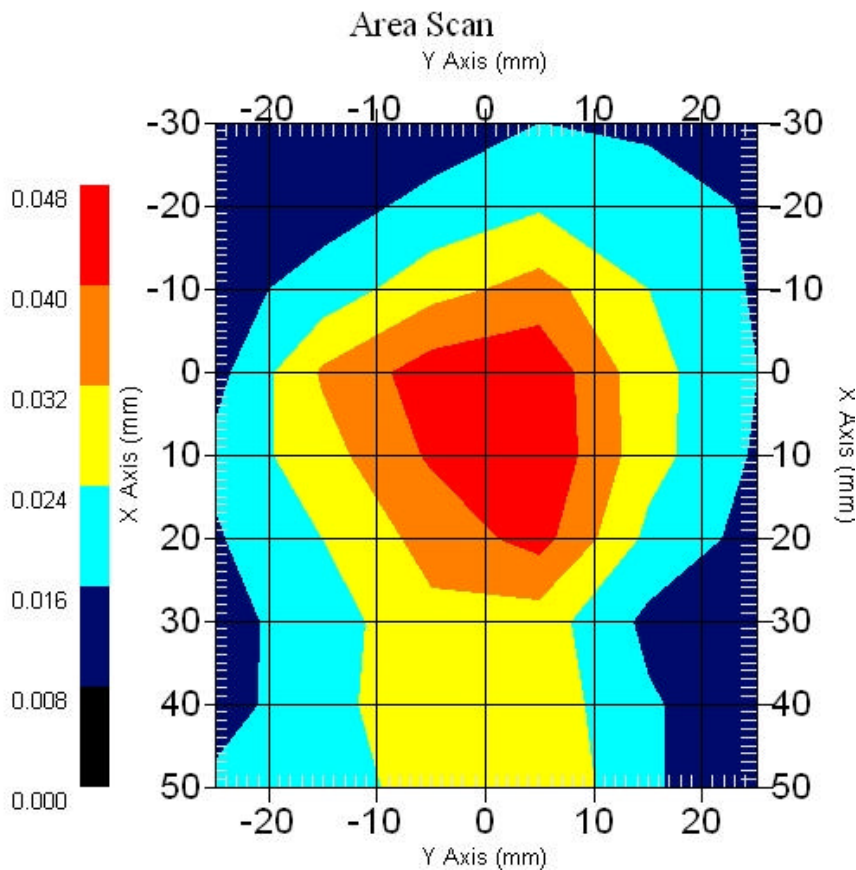
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Area Scan : 9x6x1 : Measurement x=10mm, y=10mm, z=4mm
 Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid - 836MHz

Power Drift-Start : 0.045 W/kg
 Power Drift-Finish: 0.044 W/kg
 Power Drift (%) : -2.222
 Picture :



1 gram SAR value : 0.044 W/kg
 10 gram SAR value : 0.026 W/kg
 Area Scan Peak SAR : 0.047 W/kg
 Zoom Scan Peak SAR : 0.070 W/kg

13.3.3 836 MHz, EUT Position: Tablet SP ,Main Antenna

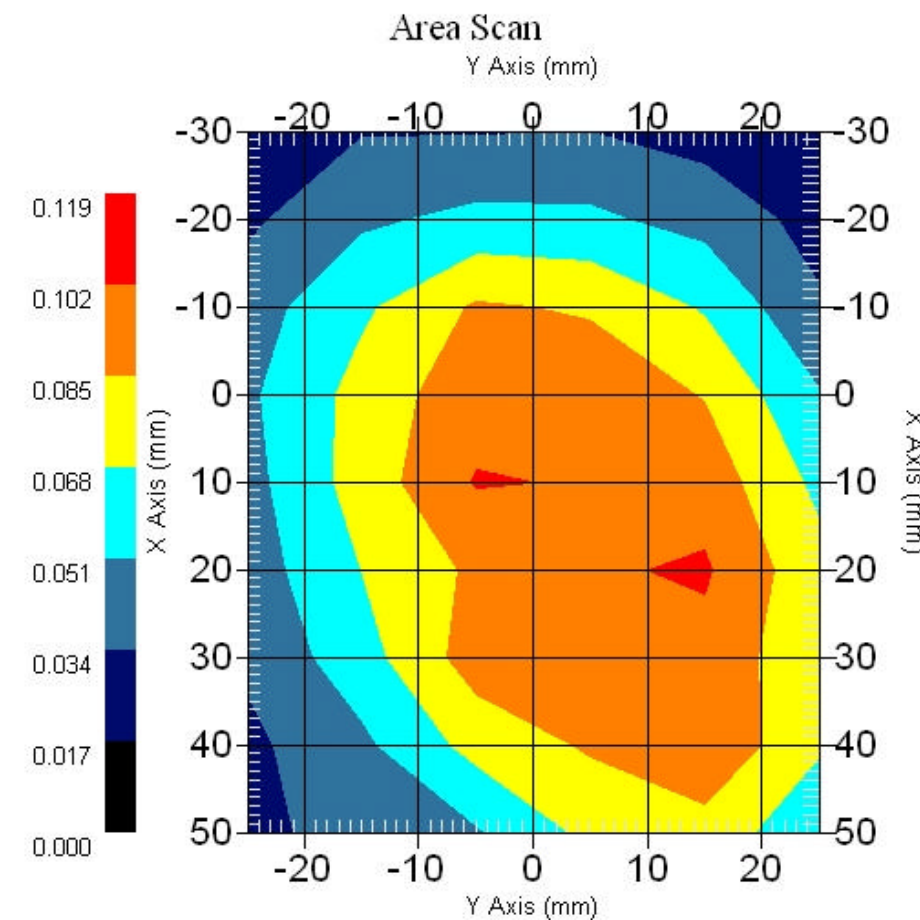
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Area Scan : 9x6x1 : Measurement x=10mm, y=10mm, z=4mm
 Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid - 836MHz

Power Drift-Start : 0.102 W/kg
 Power Drift-Finish: 0.105 W/kg
 Power Drift (%) : 2.941
 Picture :



1 gram SAR value : 0.108 W/kg
 10 gram SAR value : 0.073 W/kg
 Area Scan Peak SAR : 0.104 W/kg
 Zoom Scan Peak SAR : 0.140 W/kg

13.3.4 836 MHz, EUT Position: Laptop ,Aux Antenna

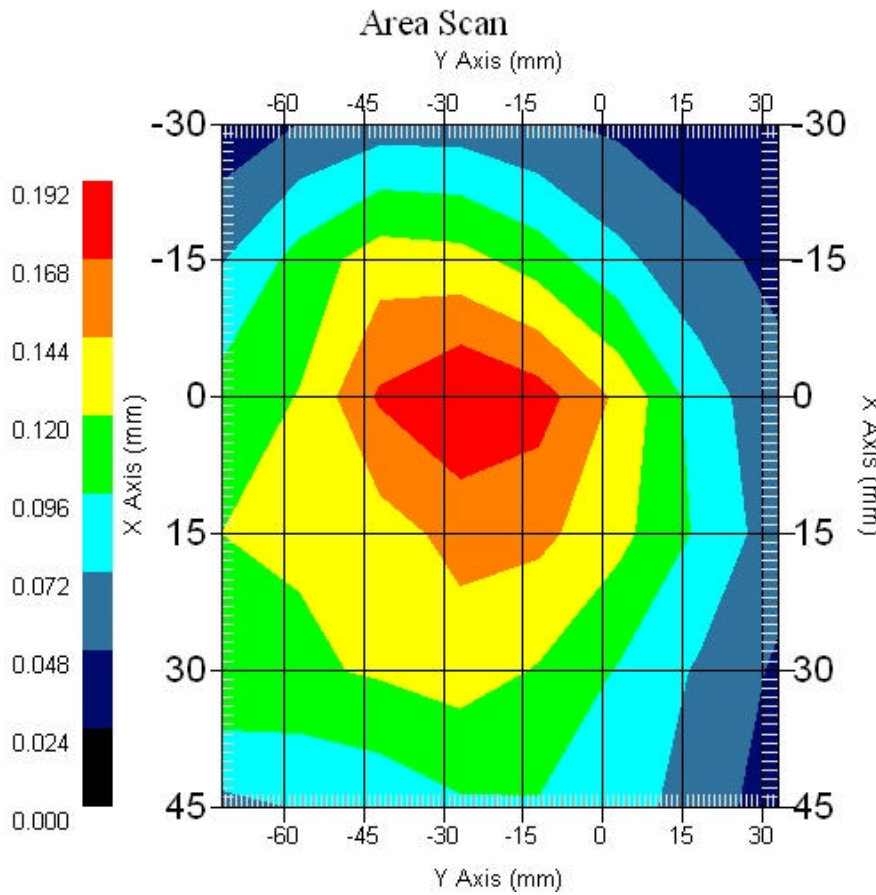
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Area Scan : 6x8x1 : Measurement x=15mm, y=15mm, z=4mm
 Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid - 800MHz

Power Drift-Start : 0.135 W/kg
 Power Drift-Finish: 0.137 W/kg
 Power Drift (%) : 1.481
 Picture :



1 gram SAR value : 0.181 W/kg
 10 gram SAR value : 0.119 W/kg
 Area Scan Peak SAR : 0.192 W/kg
 Zoom Scan Peak SAR : 0.290 W/kg

13.4 EGSM 1900MHz mode

13.4.1 1880 MHz, EUT Position: Tablet PL ,Main Antenna

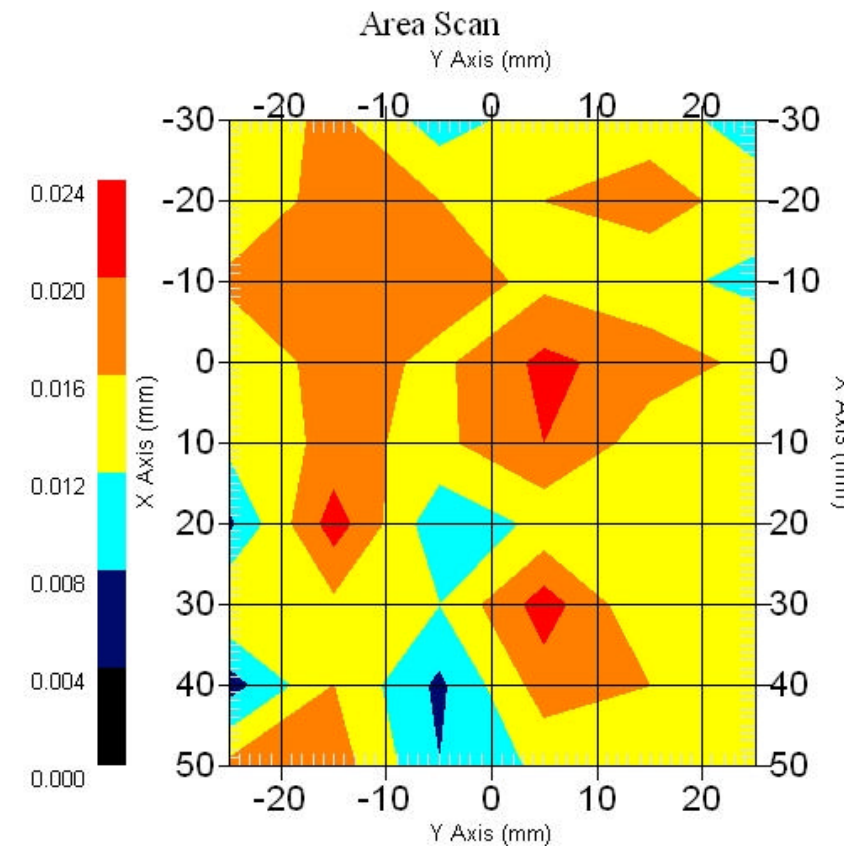
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Area Scan : 9x6x1 : Measurement x=10mm, y=10mm, z=4mm
 Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid - 1880MHz

Power Drift-Start : 0.025 W/kg
 Power Drift-Finish: 0.024 W/kg
 Power Drift (%) : 4.000
 Picture :



1 gram SAR value : 0.037 W/kg
 10 gram SAR value : 0.020 W/kg
 Area Scan Peak SAR : 0.022 W/kg
 Zoom Scan Peak SAR : 0.060 W/kg

13.4.2 1880 MHz, EUT Position: Tablet PP ,Main

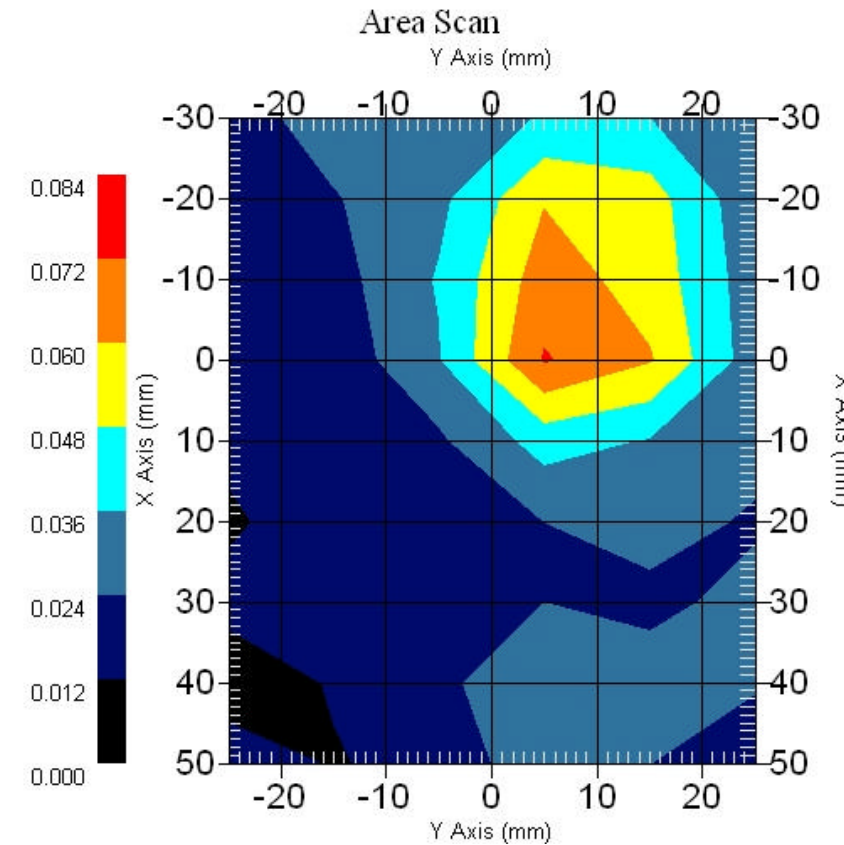
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Area Scan : 9x6x1 : Measurement x=10mm, y=10mm, z=4mm
 Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid - 1880MHz

Power Drift-Start : 0.049 W/kg
 Power Drift-Finish: 0.047 W/kg
 Power Drift (%) : -4.081
 Picture :



1 gram SAR value : 0.060 W/kg
 10 gram SAR value : 0.035 W/kg
 Area Scan Peak SAR : 0.073 W/kg
 Zoom Scan Peak SAR : 0.110 W/kg

13.4.3 1880 MHz, EUT Position: Tablet SP ,Main Antenna

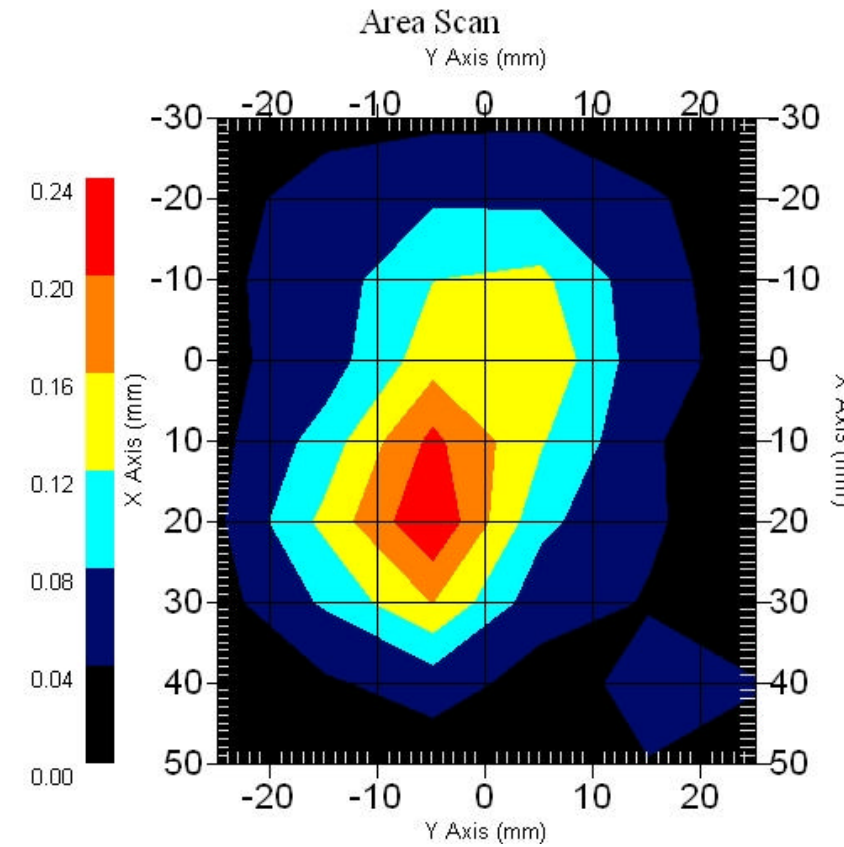
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Area Scan : 9x6x1 : Measurement x=10mm, y=10mm, z=4mm
 Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid - 1880MHz

Power Drift-Start : 0.205 W/kg
 Power Drift-Finish: 0.210 W/kg
 Power Drift (%) : 2.439
 Picture :



1 gram SAR value : 0.207 W/kg
 10 gram SAR value : 0.106 W/kg
 Area Scan Peak SAR : 0.238 W/kg
 Zoom Scan Peak SAR : 0.420 W/kg

13.4.4 1880 MHz, EUT Position: Laptop, Main Antenna

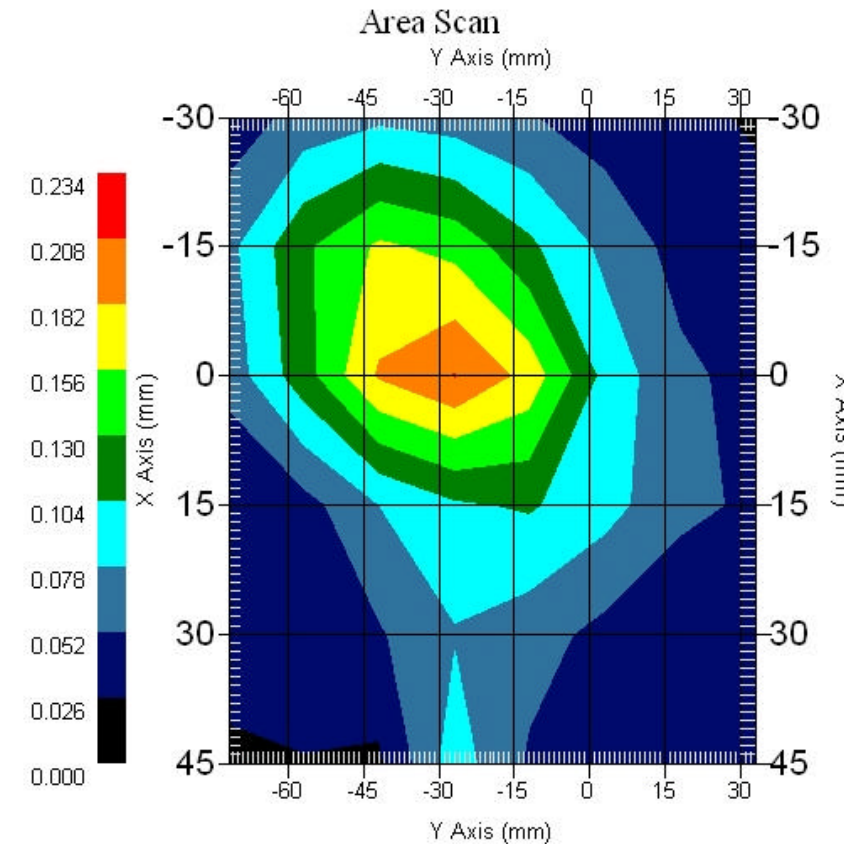
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Area Scan : 6x8x1 : Measurement x=15mm, y=15mm, z=4mm
 Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid - 1880MHz

Power Drift-Start : 0.111 W/kg
 Power Drift-Finish: 0.108 W/kg
 Power Drift (%) : -3.381
 Picture :



1 gram SAR value : 0.183 W/kg
 10 gram SAR value : 0.113 W/kg
 Area Scan Peak SAR : 0.209 W/kg
 Zoom Scan Peak SAR : 0.320 W/kg

13.5 UMTS 850MHz mode

13.5.1 836 MHz, EUT Position: Tablet PL ,Main Antenna

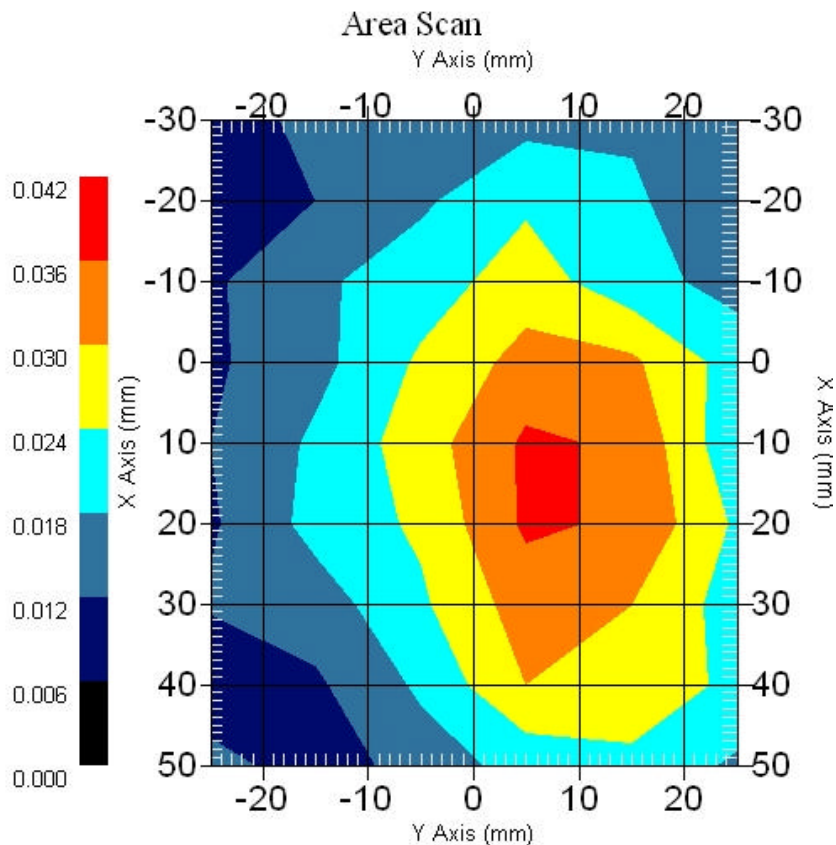
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Area Scan : 9x6x1 : Measurement x=10mm, y=10mm, z=4mm
 Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid - 836MHz

Power Drift-Start : 0.033 W/kg
 Power Drift-Finish: 0.034 W/kg
 Power Drift (%) : 1.843
 Picture :



1 gram SAR value : 0.037 W/kg
 10 gram SAR value : 0.025 W/kg
 Area Scan Peak SAR : 0.037 W/kg
 Zoom Scan Peak SAR : 0.050 W/kg

13.5.2 836 MHz, EUT Position: Tablet PP ,Main Antenna

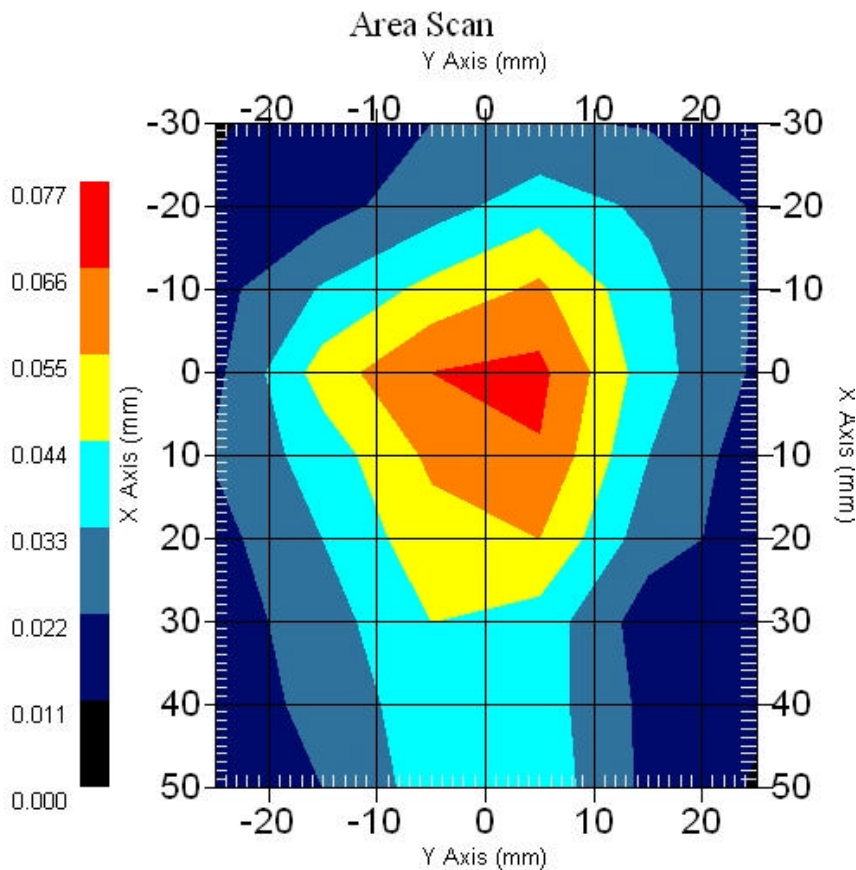
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Area Scan : 9x6x1 : Measurement x=10mm, y=10mm, z=4mm
 Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid - 836MHz

Power Drift-Start : 0.075 W/kg
 Power Drift-Finish: 0.072 W/kg
 Power Drift (%) : -4.002
 Picture :



1 gram SAR value : 0.063 W/kg
 10 gram SAR value : 0.037 W/kg
 Area Scan Peak SAR : 0.069 W/kg
 Zoom Scan Peak SAR : 0.120 W/kg

13.5.3 836 MHz, EUT Position: Tablet SP ,Main Antenna

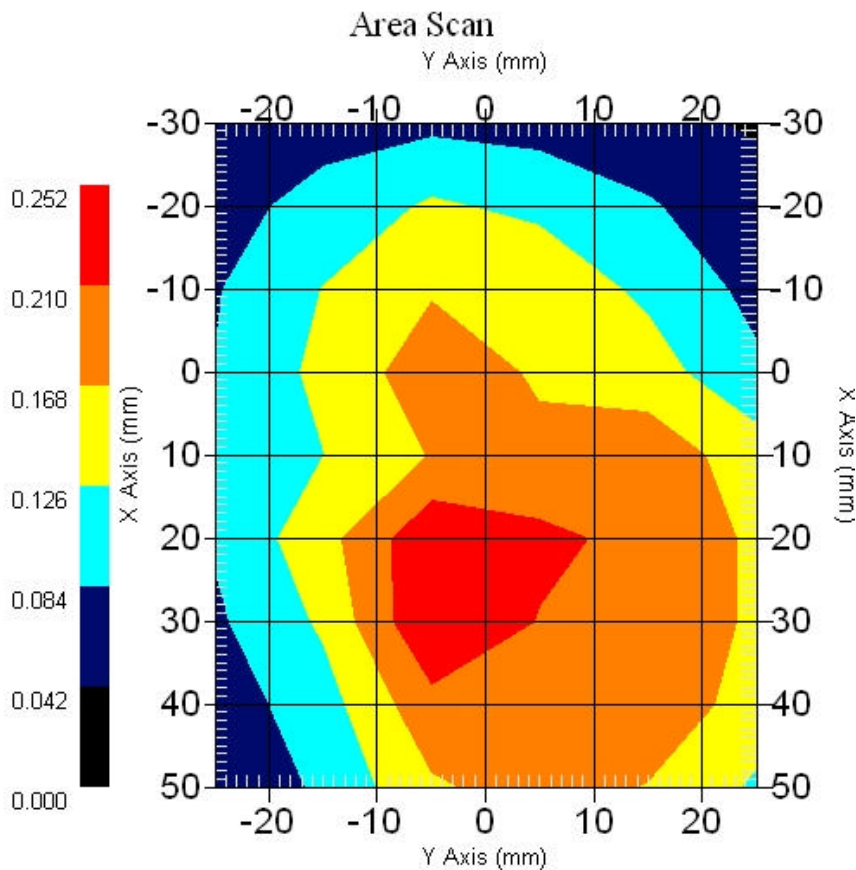
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Area Scan : 9x6x1 : Measurement x=10mm, y=10mm, z=4mm
 Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid - 836MHz

Power Drift-Start : 0.248 W/kg
 Power Drift-Finish: 0.253 W/kg
 Power Drift (%) : 2.016
 Picture :



1 gram SAR value : 0.231 W/kg
 10 gram SAR value : 0.140 W/kg
 Area Scan Peak SAR : 0.252 W/kg
 Zoom Scan Peak SAR : 0.430 W/kg

13.5.4 836 MHz, EUT Position: Laptop ,Main Antenna

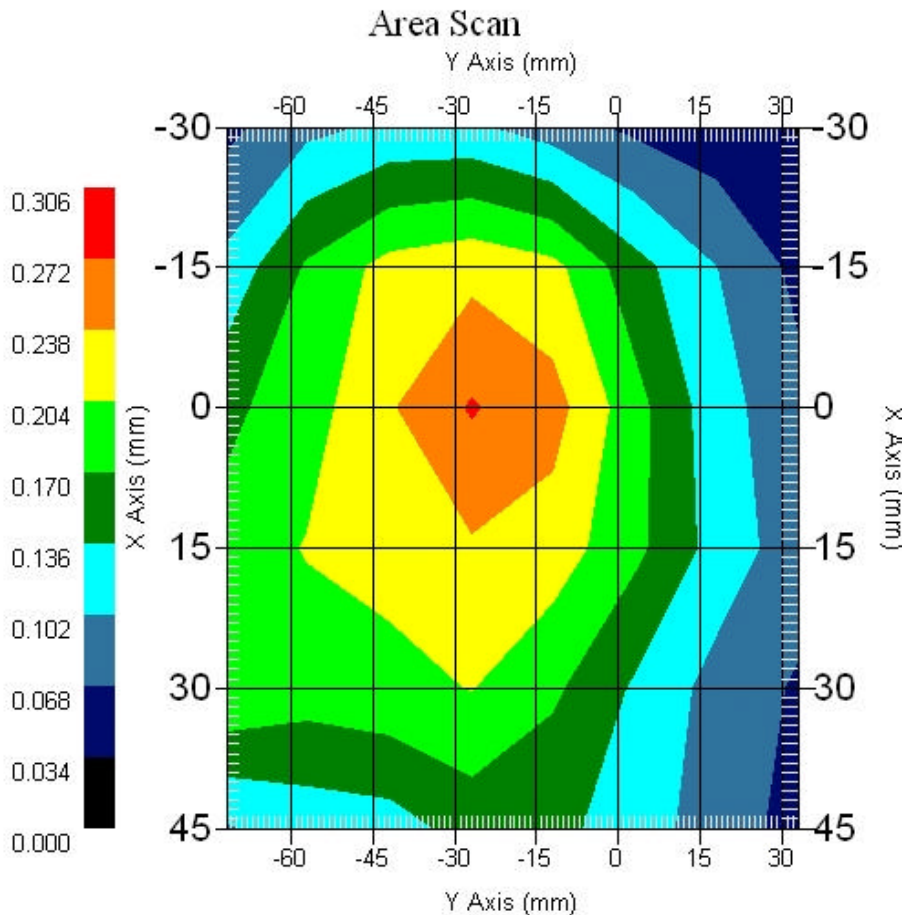
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Area Scan : 6x8x1 : Measurement x=15mm, y=15mm, z=4mm
 Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid - 836MHz

Power Drift-Start : 0.207 W/kg
 Power Drift-Finish: 0.197 W/kg
 Power Drift (%) : -4.830
 Picture :



1 gram SAR value : 0.260 W/kg
 10 gram SAR value : 0.173 W/kg
 Area Scan Peak SAR : 0.275 W/kg
 Zoom Scan Peak SAR : 0.490 W/kg

13.6 UMTS 1900MHz mode

13.6.1 1880 MHz, EUT Position: Tablet PL ,Main Antenna

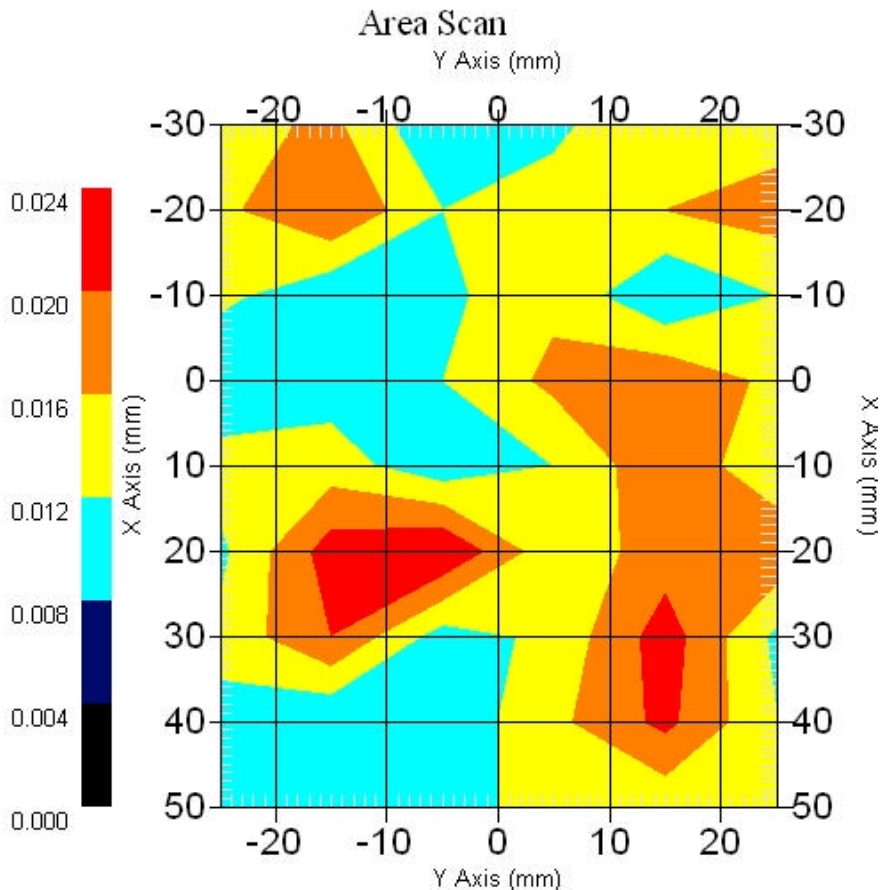
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Area Scan : 9x6x1 : Measurement x=10mm, y=10mm, z=4mm
 Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid - 1880MHz

Power Drift-Start : 0.014 W/kg
 Power Drift-Finish: 0.013 W/kg
 Power Drift (%) : -2.393
 Picture :



1 gram SAR value : 0.036 W/kg
 10 gram SAR value : 0.020 W/kg
 Area Scan Peak SAR : 0.024 W/kg
 Zoom Scan Peak SAR : 0.050 W/kg

13.6.2 1880 MHz, EUT Position: Tablet PP ,Main Antenna

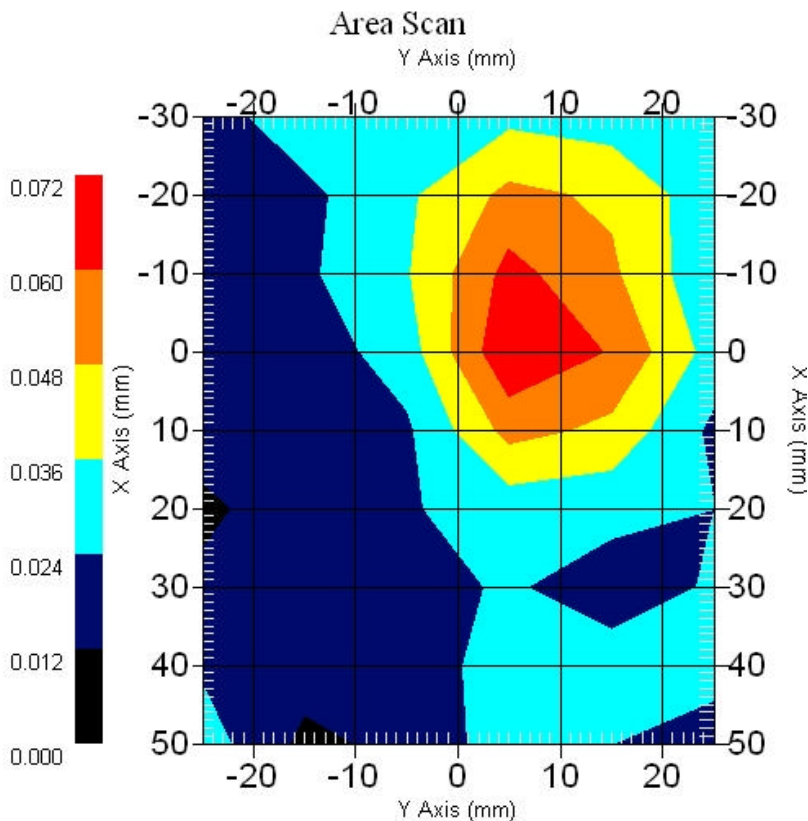
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Area Scan : 9x6x1 : Measurement x=10mm, y=10mm, z=4mm
 Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid - 1880MHz

Power Drift-Start : 0.054 W/kg
 Power Drift-Finish: 0.052 W/kg
 Power Drift (%) : -3.703
 Picture :



1 gram SAR value : 0.066 W/kg
 10 gram SAR value : 0.039 W/kg
 Area Scan Peak SAR : 0.071 W/kg
 Zoom Scan Peak SAR : 0.120 W/kg

13.6.3 1880 MHz, EUT Position: Tablet SP ,Main Antenna

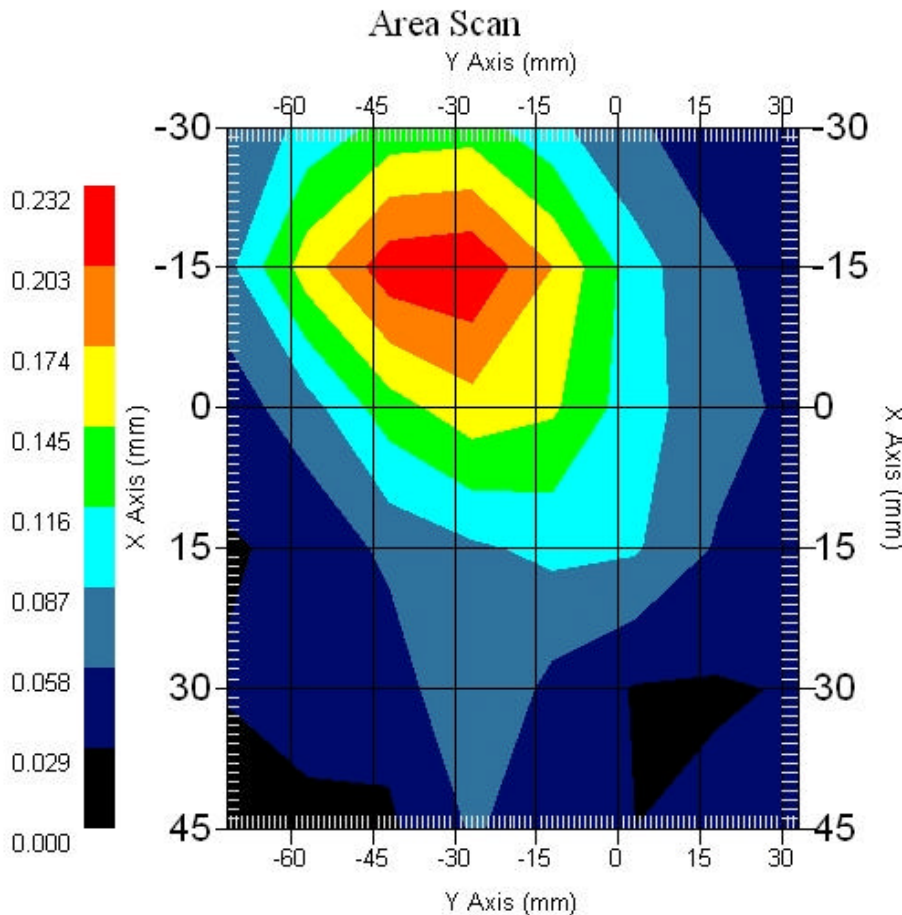
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Area Scan : 9x6x1 : Measurement x=10mm, y=10mm, z=4mm
 Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid - 1880MHz

Power Drift-Start : 0.178 W/kg
 Power Drift-Finish: 0.173 W/kg
 Power Drift (%) : -2.808
 Picture :



1 gram SAR value : 0.187 W/kg
 10 gram SAR value : 0.092 W/kg
 Area Scan Peak SAR : 0.256 W/kg
 Zoom Scan Peak SAR : 0.410 W/kg

13.6.4 1880 MHz, EUT Position: Laptop ,Main Antenna

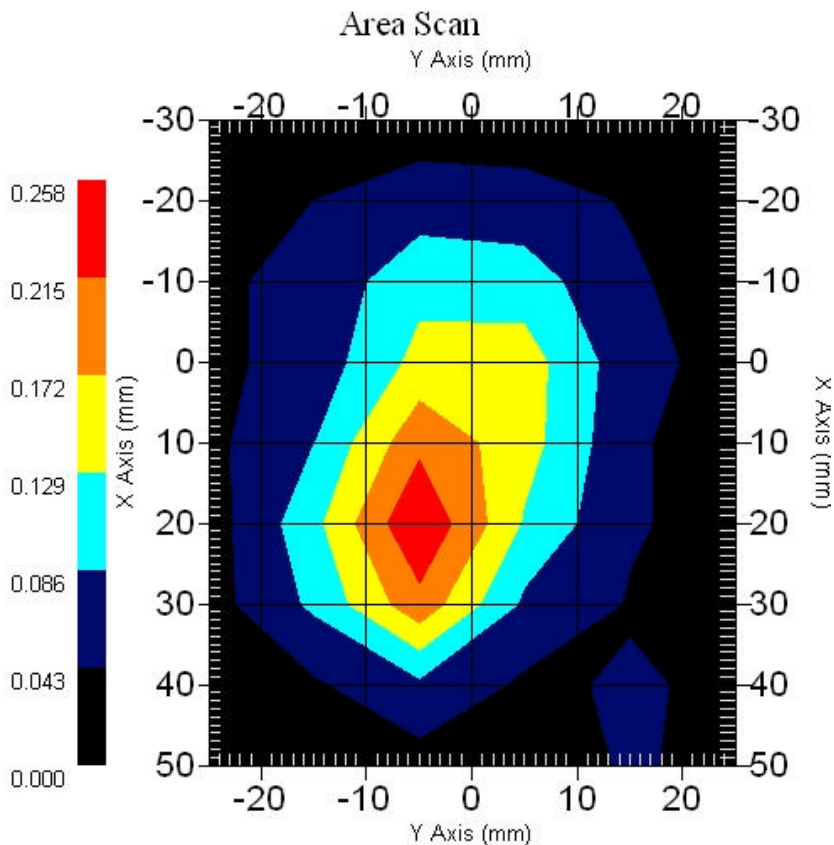
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Area Scan : 6x8x1 : Measurement x=15mm, y=15mm, z=4mm
 Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

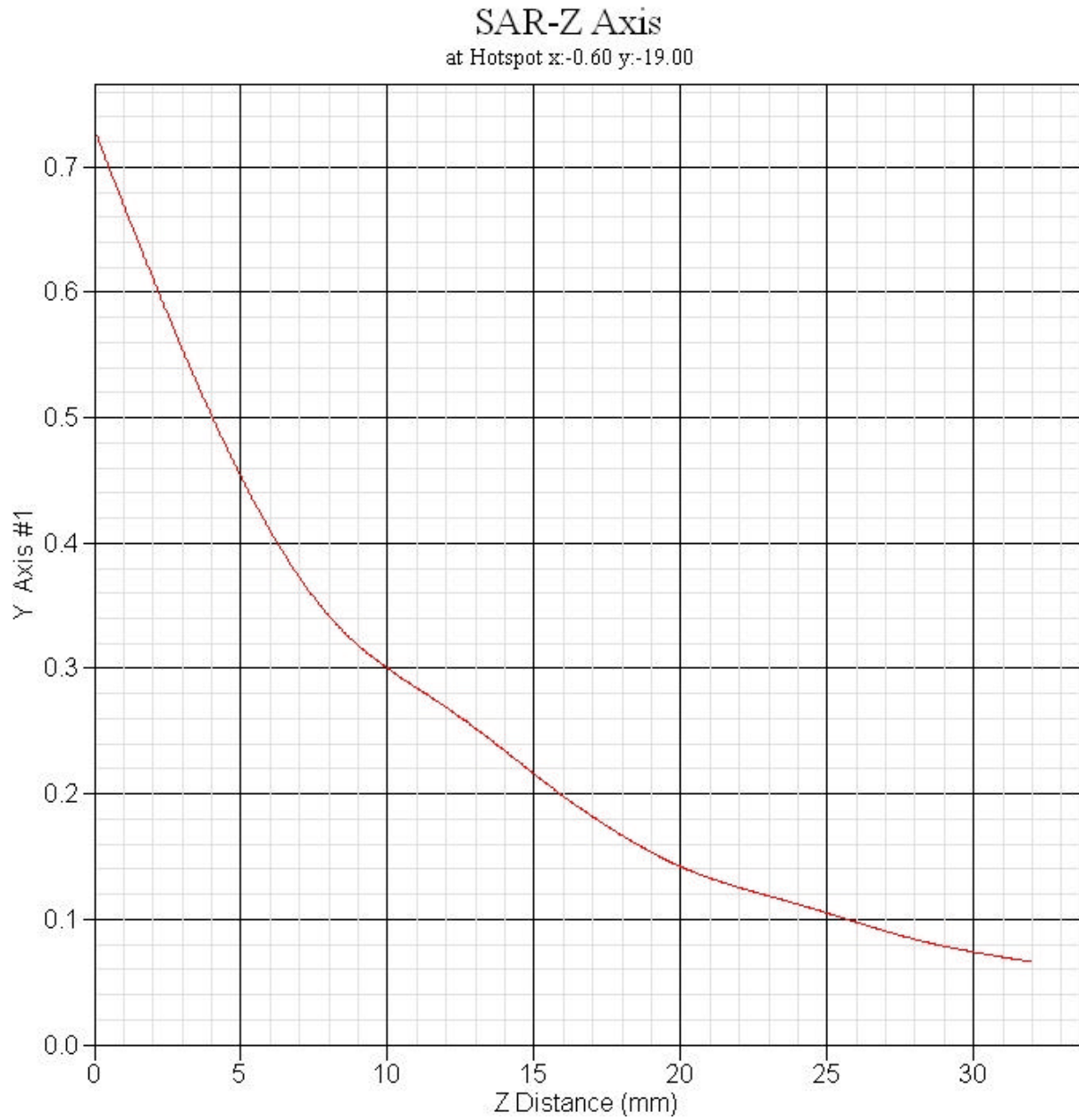
DUT Position : Touch
 Separation : 0
 Channel : Mid - 1880MHz

Power Drift-Start : 0.128 W/kg
 Power Drift-Finish: 0.126 W/kg
 Power Drift (%) : -1.562
 Picture :



1 gram SAR value : 0.206 W/kg
 10 gram SAR value : 0.124 W/kg
 Area Scan Peak SAR : 0.228 W/kg
 Zoom Scan Peak SAR : 0.380 W/kg

13.6.5 GSM 850 MHz, EUT Position: Laptop ,Main Antenna



14. WWAN Akita (GSM, EGSM) SAR Data

835MHz Measurement

Measurement Date : 30-Aug-2006

Product Data

Device Name : Atheros
 Serial No. :
 Type : Other
 Model : Karafuto
 Frequency : 850.00 MHz
 Max. Transmit Pwr : GSM: 1.610w, EGSM: 0.820w,
 Drift Time : 0 min(s)
 Length : 274 mm
 Width : 32 mm
 Depth : 10 mm
 Antenna Type : Internal
 Orientation : Touch

Phantom Data

Name : APREL-Uni
 Type : Uni-Phantom
 Size (mm) : 280 x 280 x 200
 Serial No. : System Default
 Location : Center
 Description : uni_1

Tissue Data

Type : BODY
 Serial No. : 835BODY
 Frequency : 835.00 MHz
 Last Calib. Date : 30-Aug-2006
 Temperature : 21.00 °C
 Ambient Temp. : 21.50 °C
 Humidity : 50.00 RH%
 Epsilon : 54.88 F/m
 Sigma : 0.97 S/m
 Density : 1000.00 kg/cu. m

Probe Data

Name : E-field Probe
 Model : ALS-E-020
 Type : E-Field Triangle
 Serial No. : 266
 Last Calib. Date : 22-Jun-2006
 Frequency : 835.00 MHz
 Duty Cycle Factor: GSM:8, EGSM:8
 Conversion Factor: 6.9
 Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
 Compression Point: 95.00 mV
 Offset : 1.56 mm

1900MHz Measurement

Measurement Date : 01-Sep-2006

Product Data

Device Name : Atheros
Serial No. :
Type : Other
Model : Karafuto
Frequency : 1900.00 MHz
Max. Transmit Pwr : GSM: 0.491W, EGSM: 0.400W
Drift Time : 0 min(s)
Length : 274 mm
Width : 32 mm
Depth : 10 mm
Antenna Type : Internal
Orientation : Touch

Phantom Data

Name : APREL-Uni
Type : Uni-Phantom
Size (mm) : 280 x 280 x 200
Serial No. : System Default
Location : Center
Description : uni_1

Tissue Data

Type : BODY
Serial No. : 1900BODY
Frequency : 1900.00 MHz
Last Calib. Date : 01-Sep-2006
Temperature : 21.20 °C
Ambient Temp. : 21.50 °C
Humidity : 49.00 RH%
Epsilon : 52.75 F/m
Sigma : 1.50 S/m
Density : 1000.00 kg/cu. m

Probe Data

Name : E-field Probe
Model : ALS-E-020
Type : E-Field Triangle
Serial No. : 266
Last Calib. Date : 22-Jun-2006
Frequency : 1900.00 MHz
Duty Cycle Factor: GSM:8, EGSM:8
Conversion Factor: 5.7
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

14.1 GSM 850MHz mode

14.1.1 836 MHz, EUT Position: Tablet PL ,Main Antenna

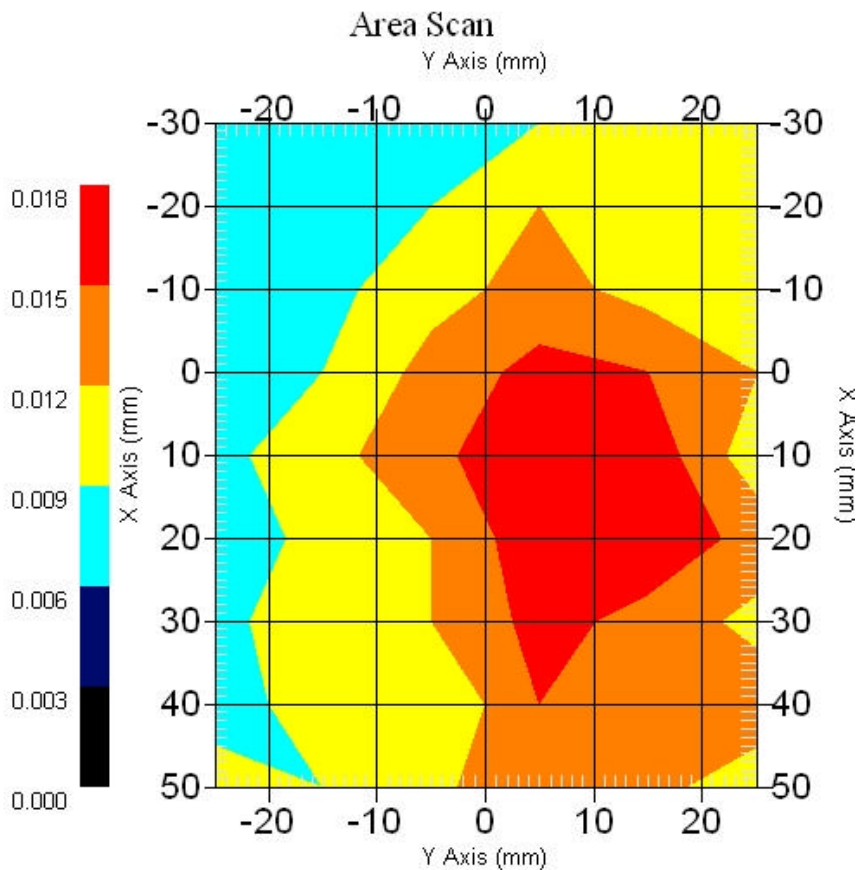
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Area Scan : 9x6x1 : Measurement x=10mm, y=10mm, z=4mm
 Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid - 836MHz

Power Drift-Start : 0.016 W/kg
 Power Drift-Finish: 0.016 W/kg
 Power Drift (%) : -2.377
 Picture : (No picture)



1 gram SAR value : 0.019 W/kg
 10 gram SAR value : 0.013 W/kg
 Area Scan Peak SAR : 0.018 W/kg
 Zoom Scan Peak SAR : 0.030 W/kg

14.1.2 836 MHz, EUT Position: Tablet PP ,Main Antenna

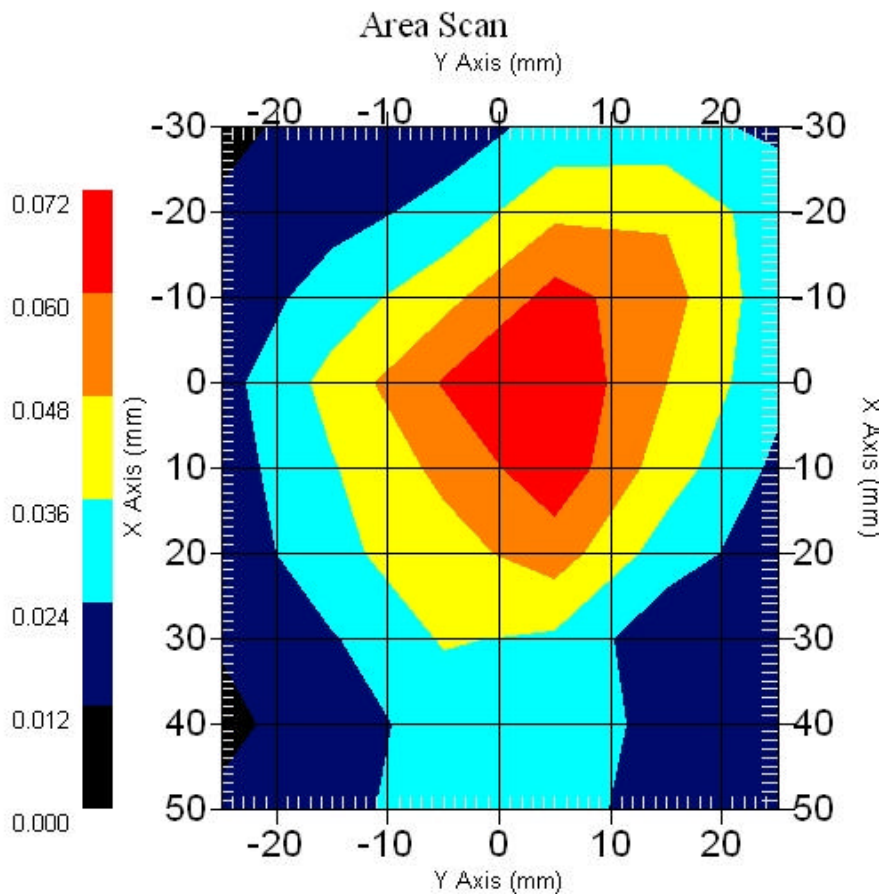
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Area Scan : 9x6x1 : Measurement x=10mm, y=10mm, z=4mm
 Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid - 836MHz

Power Drift-Start : 0.074 W/kg
 Power Drift-Finish: 0.076 W/kg
 Power Drift (%) : 2.702
 Picture :



1 gram SAR value : 0.074 W/kg
 10 gram SAR value : 0.043 W/kg
 Area Scan Peak SAR : 0.070 W/kg
 Zoom Scan Peak SAR : 0.140 W/kg

14.1.3 836 MHz, EUT Position: Tablet SP ,Main Antenna

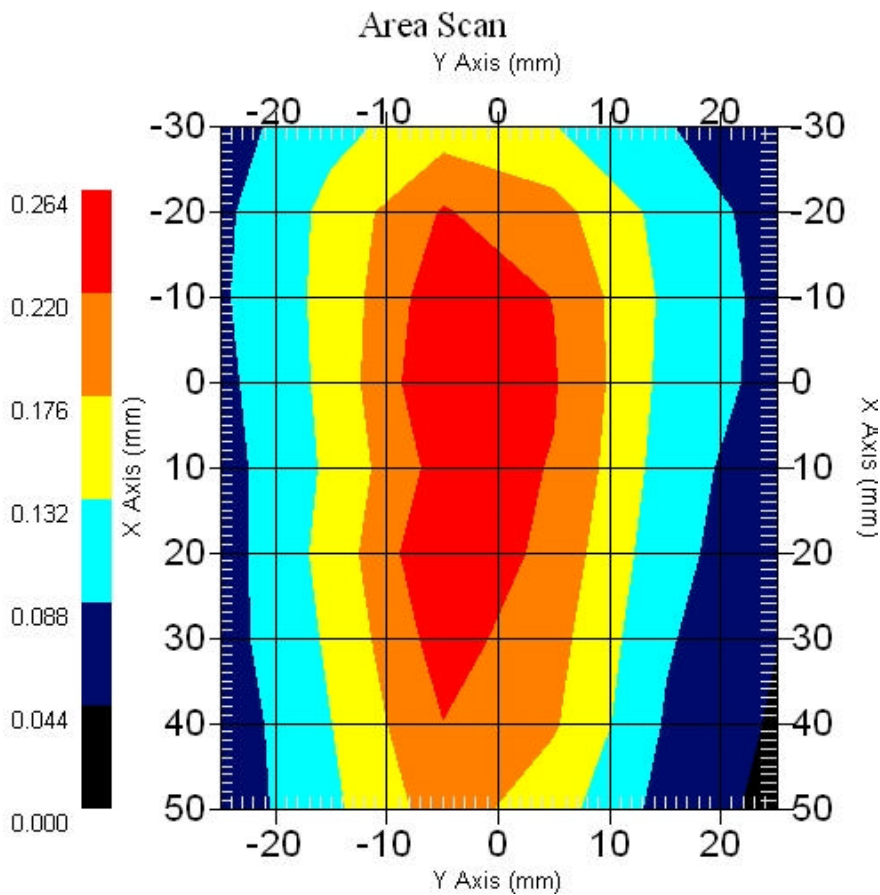
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Area Scan : 9x6x1 : Measurement x=10mm, y=10mm, z=4mm
 Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid - 836MHz

Power Drift-Start : 0.266 W/kg
 Power Drift-Finish: 0.261 W/kg
 Power Drift (%) : -1.879
 Picture :



1 gram SAR value : 0.242 W/kg
 10 gram SAR value : 0.151 W/kg
 Area Scan Peak SAR : 0.263 W/kg
 Zoom Scan Peak SAR : 0.400 W/kg

14.1.4 836 MHz, EUT Position: Laptop ,Main Antenna

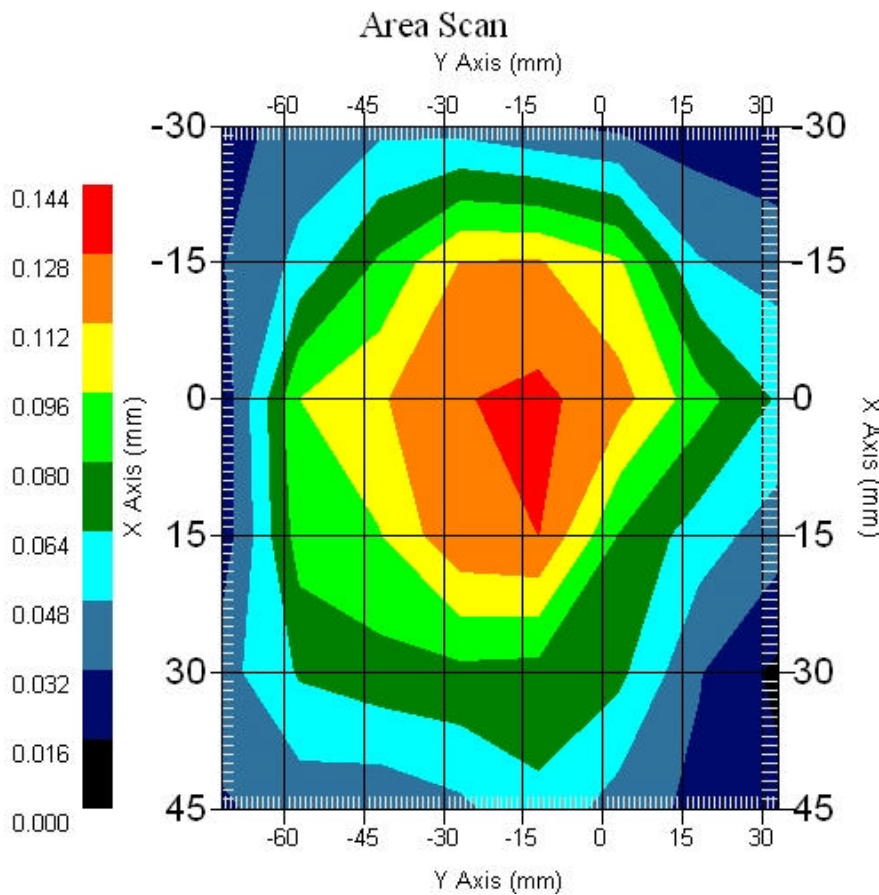
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Area Scan : 6x8x1 : Measurement x=15mm, y=15mm, z=4mm
 Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid - 836MHz

Power Drift-Start : 0.108 W/kg
 Power Drift-Finish: 0.108 W/kg
 Power Drift (%) : 0.012
 Picture :



1 gram SAR value : 0.123 W/kg
 10 gram SAR value : 0.079 W/kg
 Area Scan Peak SAR : 0.132 W/kg
 Zoom Scan Peak SAR : 0.180 W/kg

14.2 GSM 1900MHz mode

14.2.1 1880 MHz, EUT Position: Tablet PL ,Main Antenna

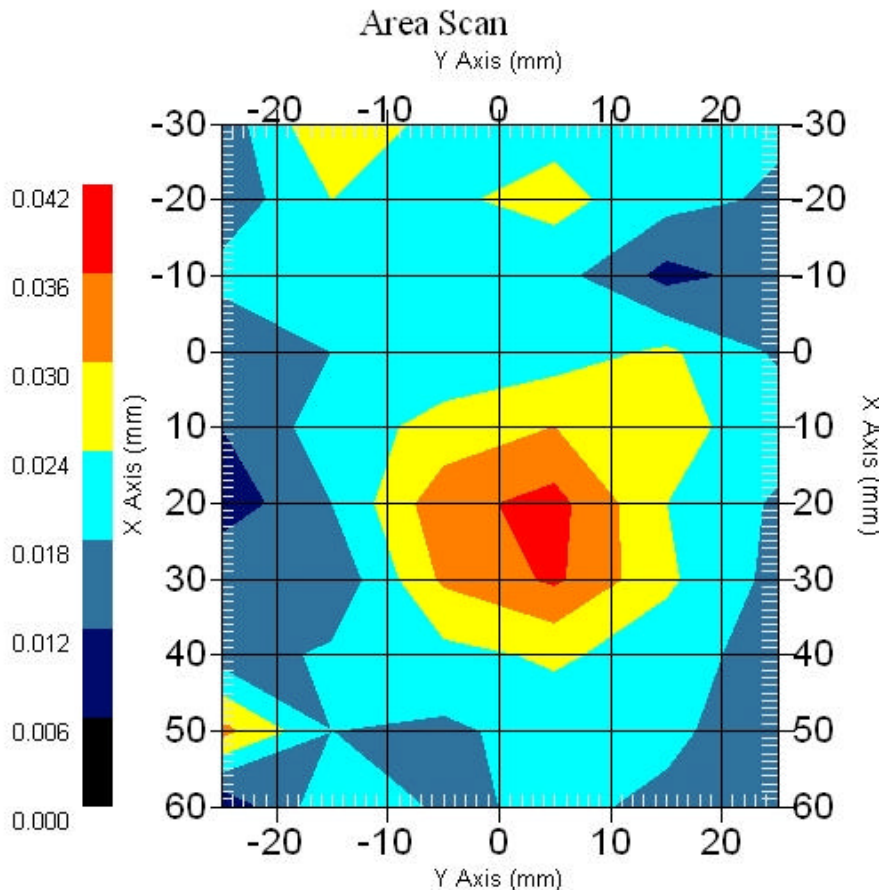
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Area Scan : 10x6x1 : Measurement x=10mm, y=10mm, z=4mm
 Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid - 1880MHz

Power Drift-Start : 0.025 W/kg
 Power Drift-Finish: 0.024 W/kg
 Power Drift (%) : -4.000
 Picture : (No picture)



1 gram SAR value : 0.044 W/kg
 10 gram SAR value : 0.027 W/kg
 Area Scan Peak SAR : 0.038 W/kg
 Zoom Scan Peak SAR : 0.100 W/kg

14.2.2 1880 MHz, EUT Position: Tablet PP ,Main Antenna

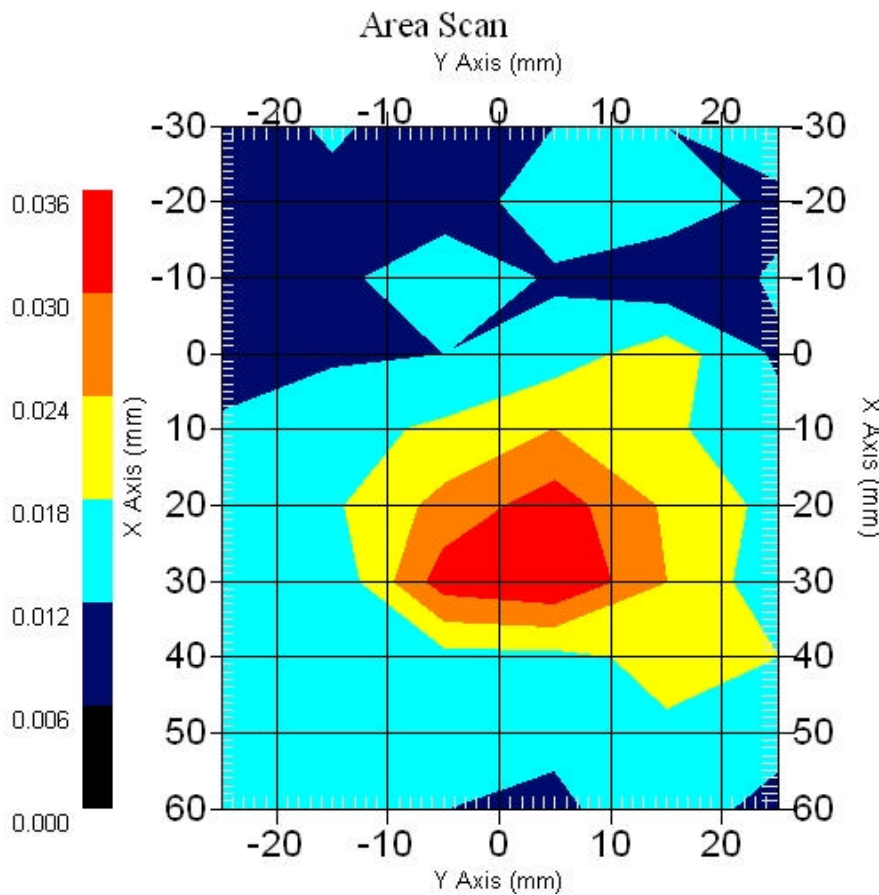
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Area Scan : 10x6x1 : Measurement x=10mm, y=10mm, z=4mm
 Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid - 1880MHz

Power Drift-Start : 0.018 W/kg
 Power Drift-Finish: 0.018 W/kg
 Power Drift (%) : -0.024
 Picture : (No picture)



1 gram SAR value : 0.050 W/kg
 10 gram SAR value : 0.025 W/kg
 Area Scan Peak SAR : 0.036 W/kg
 Zoom Scan Peak SAR : 0.110 W/kg

14.2.3 1880 MHz, EUT Position: Tablet SP ,Main Antenna

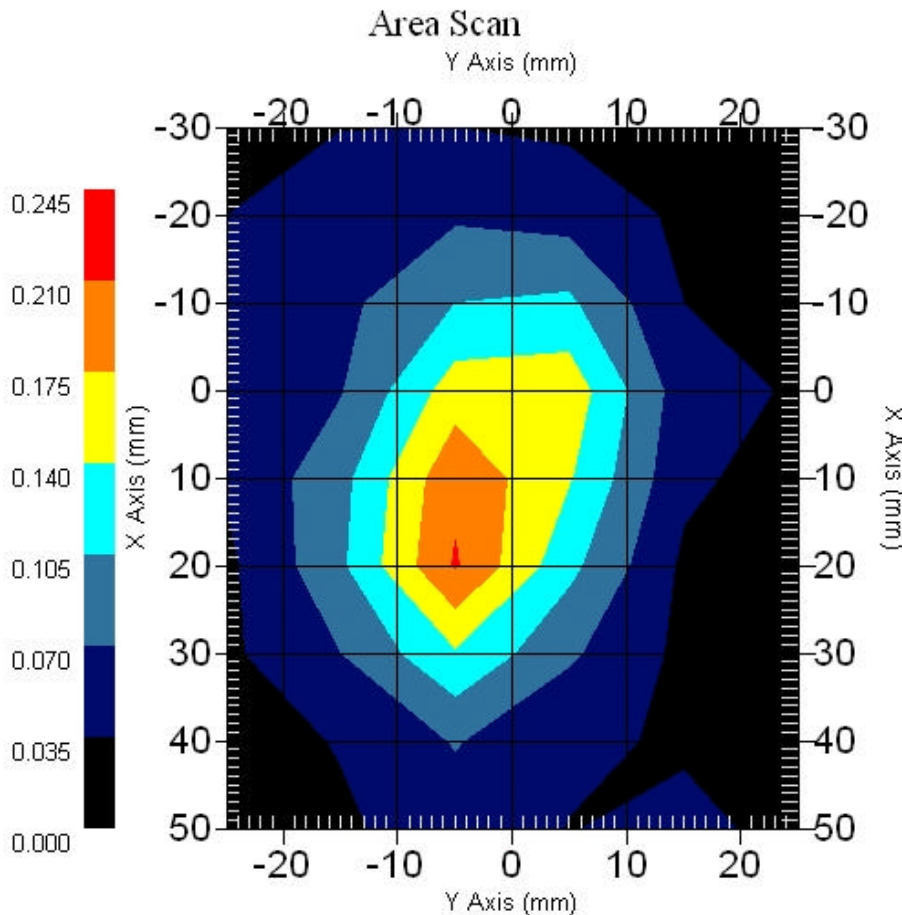
Measurement Data

Crest Factor : 1
 Scan Type : Complete
 Area Scan : 9x6x1 : Measurement x=10mm, y=10mm, z=4mm
 Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Touch
 Separation : 0
 Channel : Mid - 1880MHz

Power Drift-Start : 0.204 W/kg
 Power Drift-Finish: 0.206 W/kg
 Power Drift (%) : 0.980
 Picture :



1 gram SAR value : 0.178 W/kg
 10 gram SAR value : 0.095 W/kg
 Area Scan Peak SAR : 0.213 W/kg
 Zoom Scan Peak SAR : 0.310 W/kg