

### ■ 2437 MHz, EUT Position: Laptop 836 UMTS

#### 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

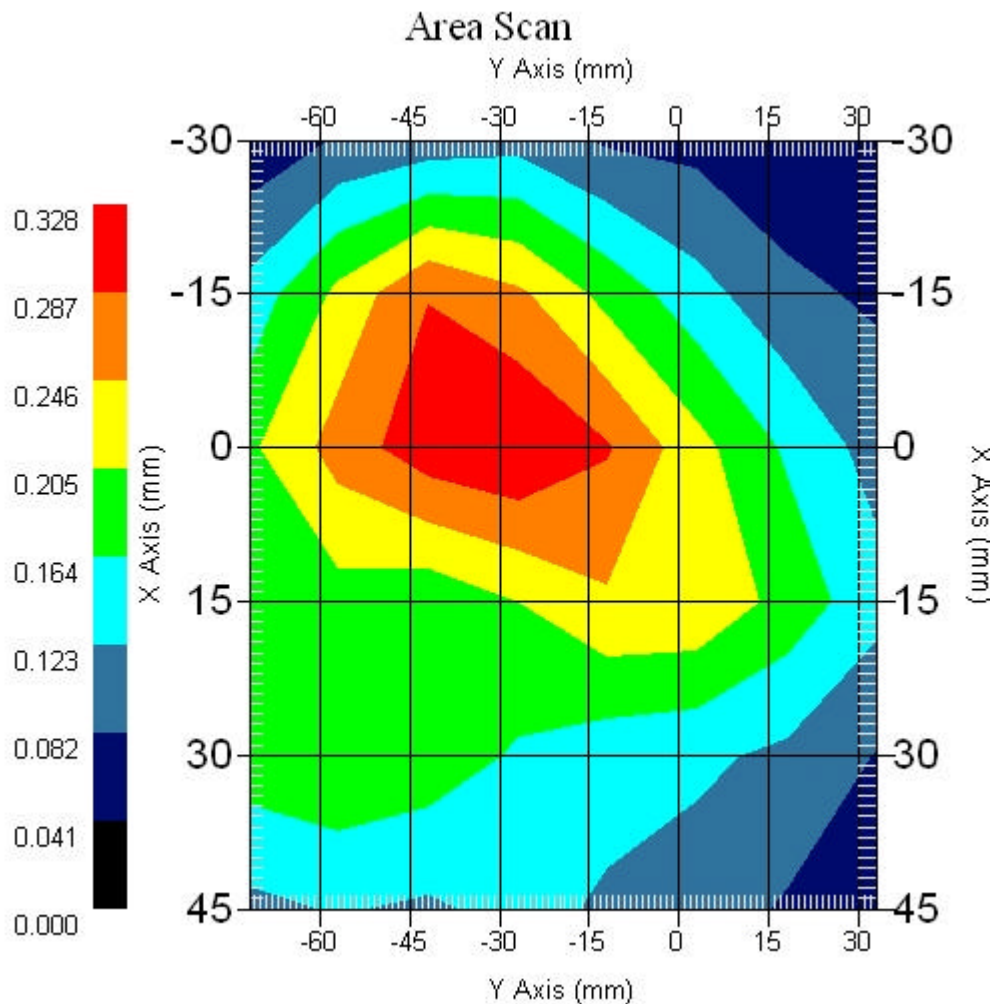
DUT Position : Touch  
 Separation : 0  
 Channel : Mid - 2437MHz

Power Drift-Start : 0.235 W/kg

Power Drift-Finish: 0.246 W/kg

Power Drift (%) : 4.681

Picture :



1 gram SAR value : 0.316 W/kg

10 gram SAR value : 0.232 W/kg

Area Scan Peak SAR : 0.328 W/kg

Zoom Scan Peak SAR : 0.400 W/kg

### ■ 2437 MHz, EUT Position: Laptop 836 UMTS

#### 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

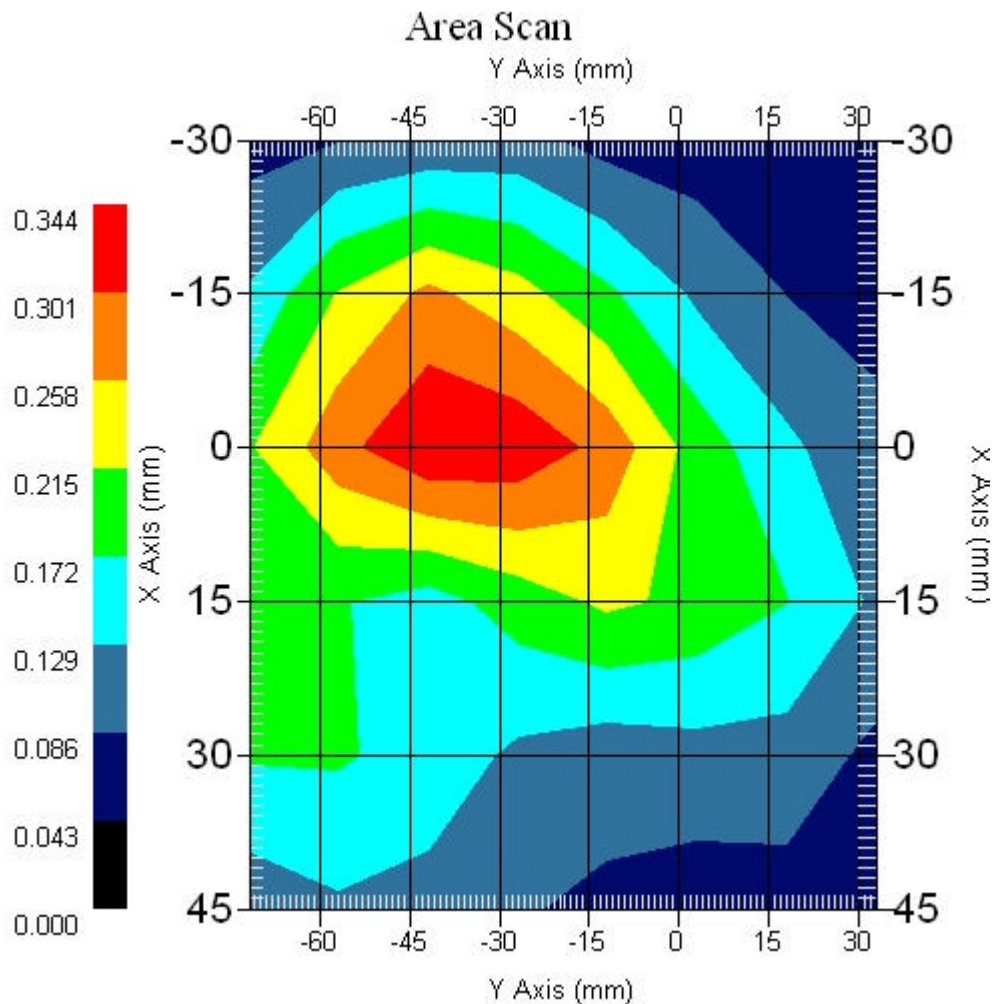
DUT Position : Touch  
 Separation : 0  
 Channel : Mid - 2437MHz

Power Drift-Start : 0.219 W/kg

Power Drift-Finish: 0.214 W/kg

Power Drift (%) : -2.571

Picture :



1 gram SAR value : 0.293 W/kg

10 gram SAR value : 0.223 W/kg

Area Scan Peak SAR : 0.341 W/kg

Zoom Scan Peak SAR : 0.470 W/kg

■ 2437 MHz, EUT Position: Tablet, PL 836 UMTS

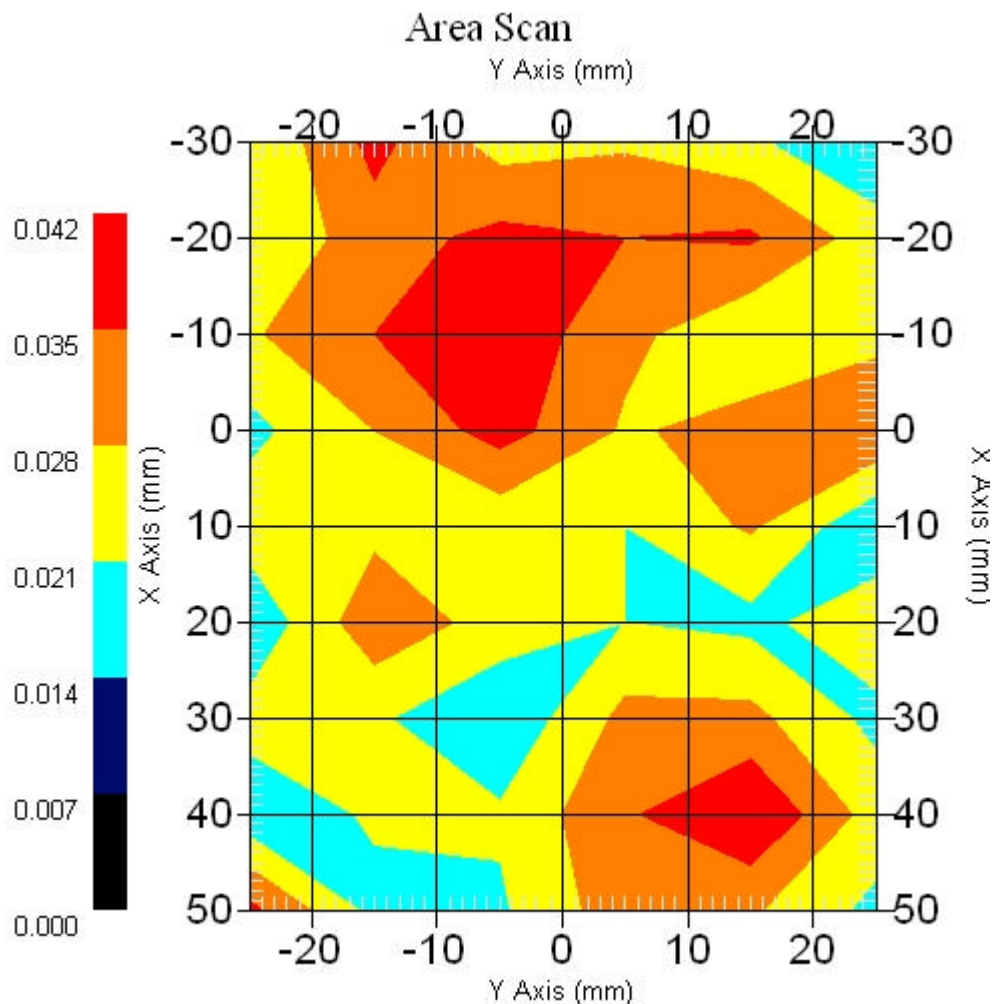
Measurement Data

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 - 2437MHz

Power Drift-Start : 0.042 W/kg  
 Power Drift-Finish: 0.043 W/kg  
 Power Drift (%) : 2.380  
 Picture :



1 gram SAR value : 0.041 W/kg  
 10 gram SAR value : 0.030 W/kg  
 Area Scan Peak SAR : 0.042 W/kg  
 Zoom Scan Peak SAR : 0.120 W/kg

■ 2437 MHz, EUT Position: Tablet, PP 836 UMTS

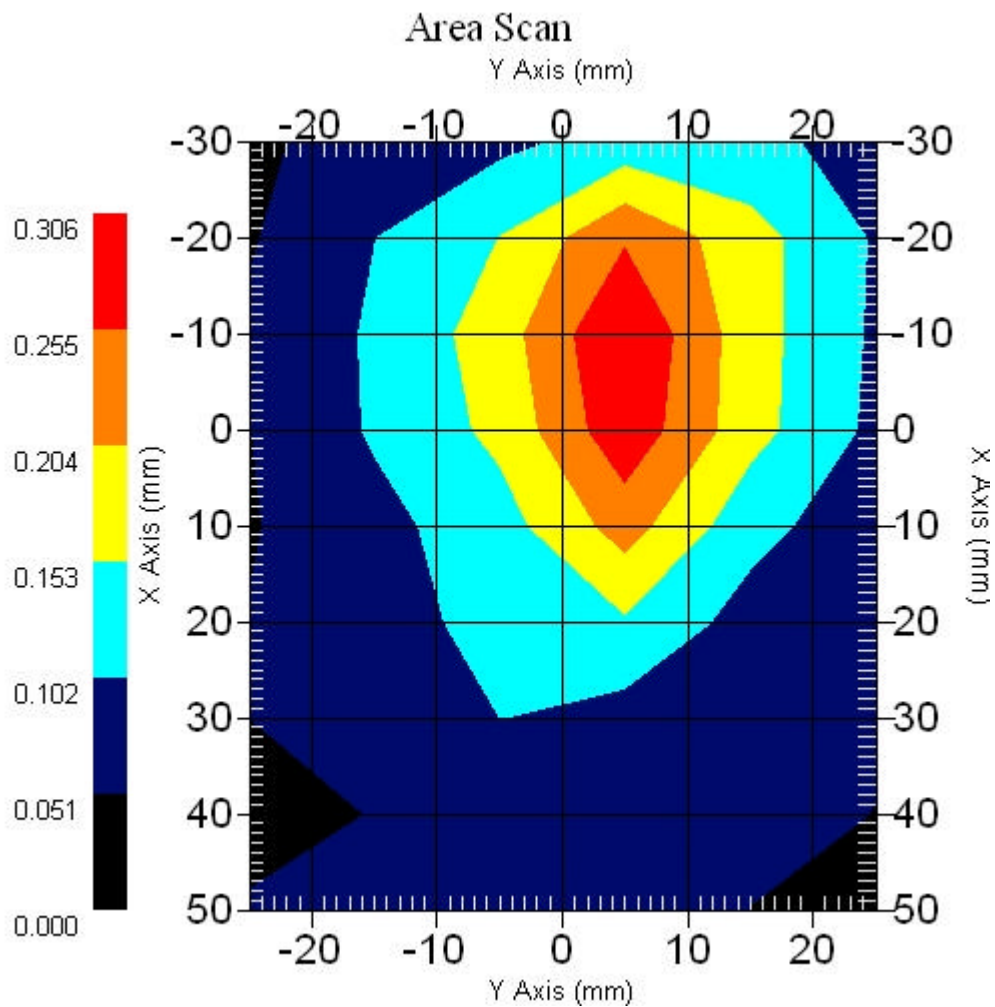
Measurement Data

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 - 2437MHz

Power Drift-Start : 0.307 W/kg  
 Power Drift-Finish: 0.306 W/kg  
 Power Drift (%) : -3.257  
 Picture :



1 gram SAR value : 0.271 W/kg  
 10 gram SAR value : 0.149 W/kg  
 Area Scan Peak SAR : 0.305 W/kg  
 Zoom Scan Peak SAR : 0.530 W/kg

■ 2437 MHz, EUT Position: Tablet,SL 836 UMTS

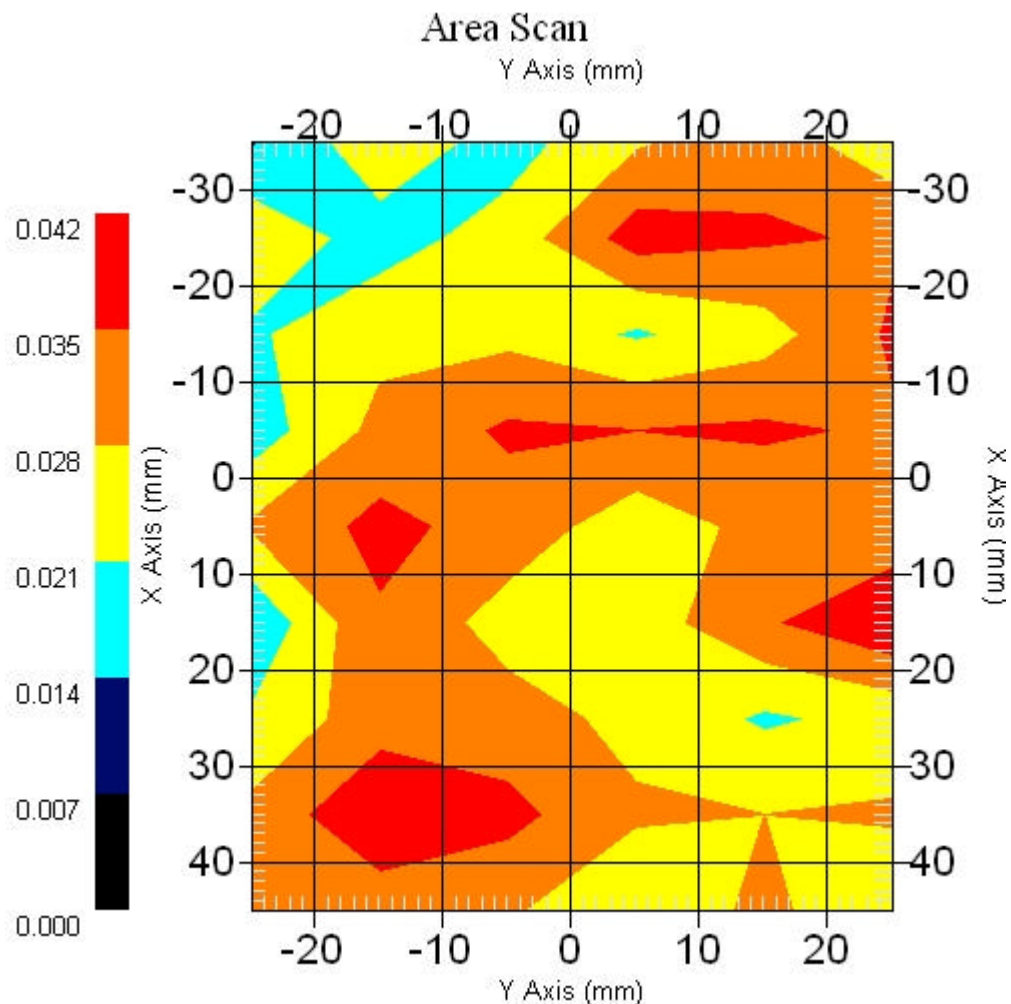
Measurement Data

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 - 2437MHz

Power Drift-Start : 0.025 W/kg  
 Power Drift-Finish: 0.026 W/kg  
 Power Drift (%) : 4.184  
 Picture :



1 gram SAR value : 0.065 W/kg  
 10 gram SAR value : 0.047 W/kg  
 Area Scan Peak SAR : 0.041 W/kg  
 Zoom Scan Peak SAR : 0.100 W/kg

■ 2437 MHz, EUT Position: Tablet, SP 836 UMTS

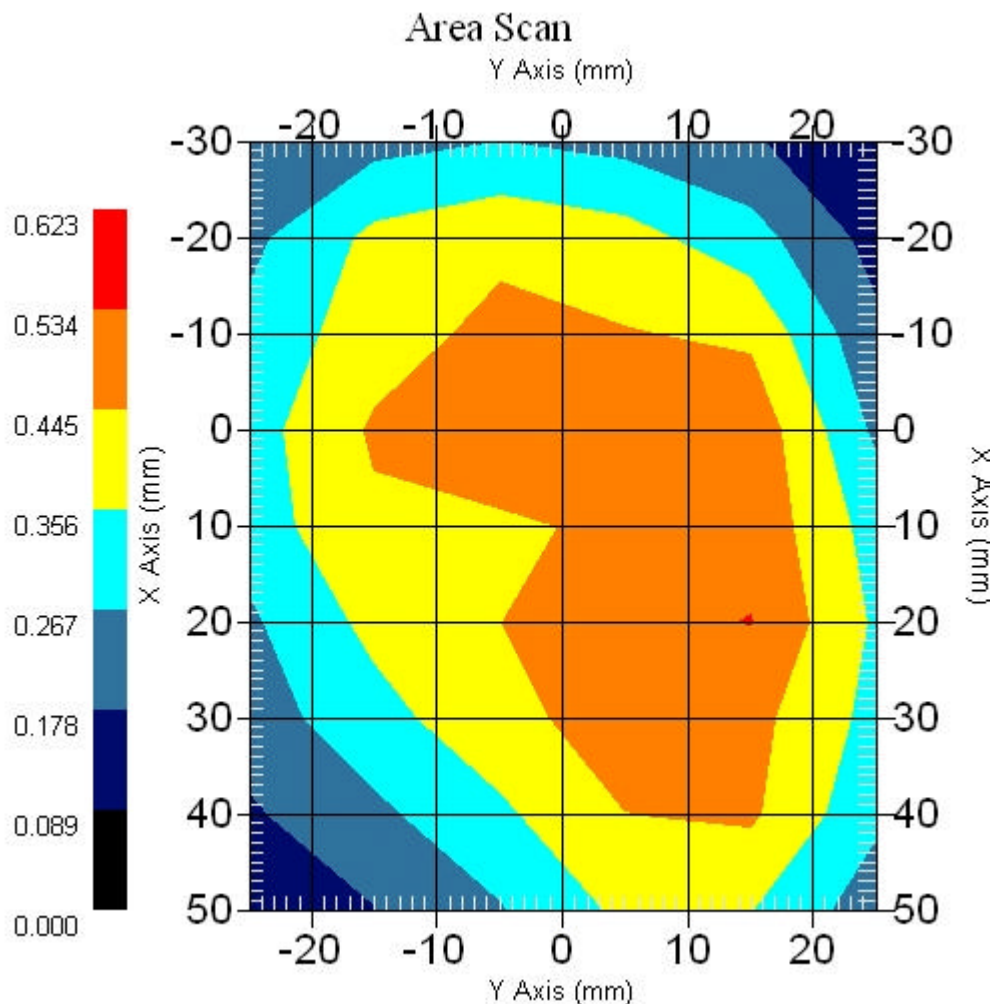
Measurement Data

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 - 2437MHz

Power Drift-Start : 0.526 W/kg  
 Power Drift-Finish: 0.518 W/kg  
 Power Drift (%) : -1.422  
 Picture :



1 gram SAR value : 0.498 W/kg  
 10 gram SAR value : 0.391 W/kg  
 Area Scan Peak SAR : 0.536 W/kg  
 Zoom Scan Peak SAR : 0.630 W/kg

■ **2437 MHz, EUT Position: Tablet,SP 836 UMTS**

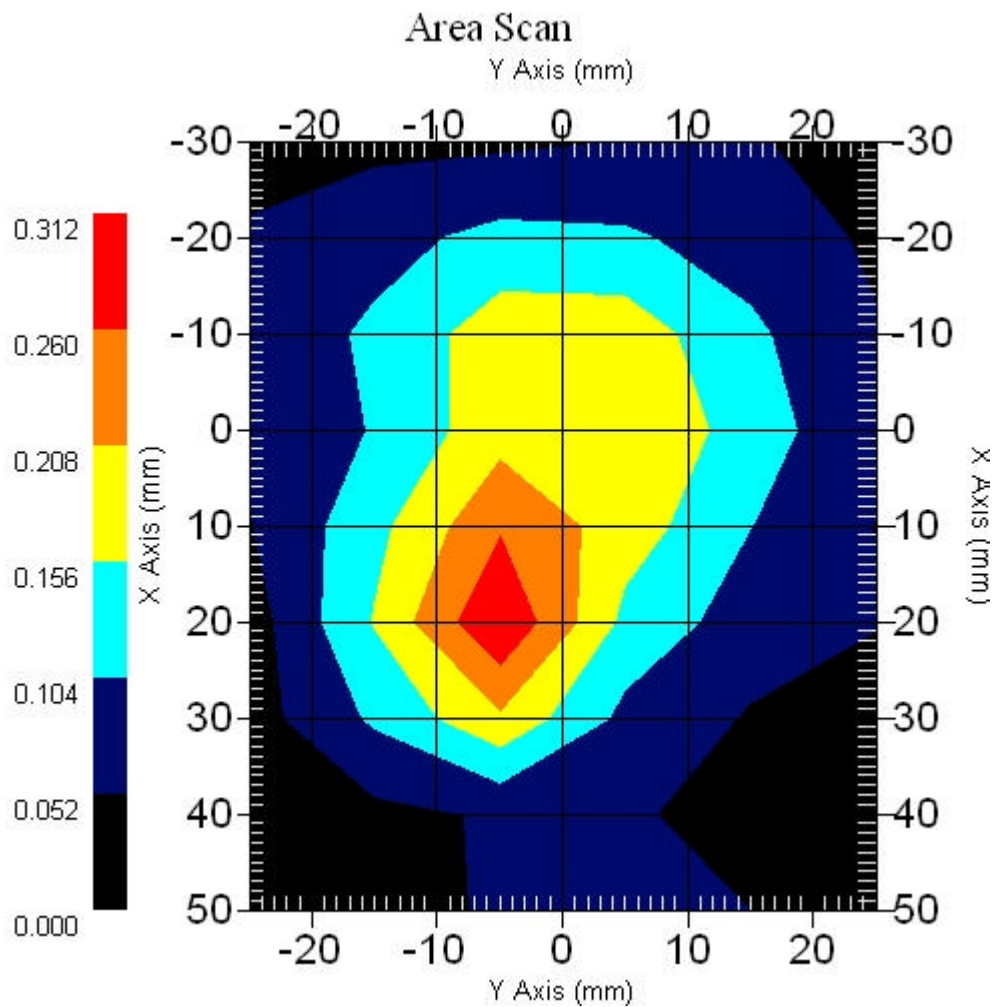
Measurement Data

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 - 2437MHz

Power Drift-Start : 0.238 W/kg  
 Power Drift-Finish: 0.225 W/kg  
 Power Drift (%) : -1.260  
 Picture :



1 gram SAR value : 0.258 W/kg  
 10 gram SAR value : 0.143 W/kg  
 Area Scan Peak SAR : 0.311 W/kg  
 Zoom Scan Peak SAR : 0.480 W/kg

## ■ 2437 MHz, EUT Position: Tablet,SP 836 UMTS

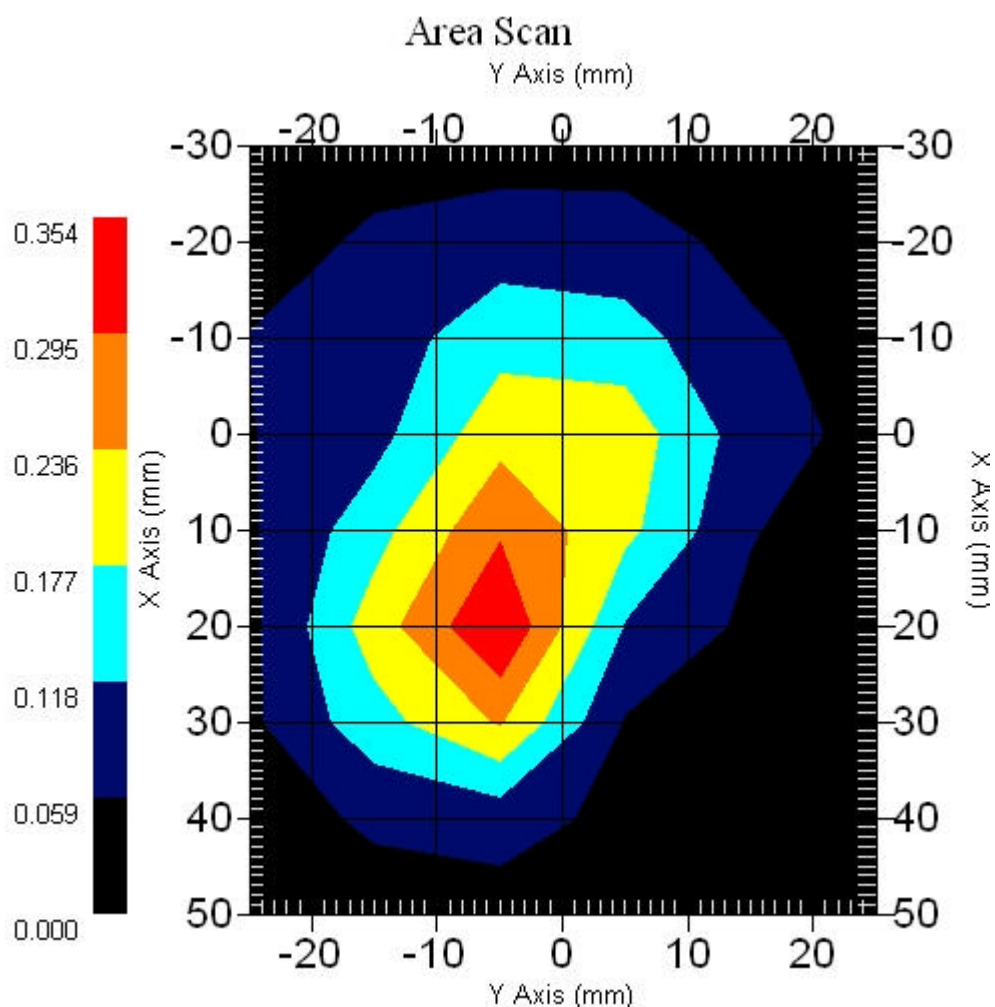
### Measurement Data

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 - 2437MHz

Power Drift-Start : 0.262 W/kg  
 Power Drift-Finish: 0.249 W/kg  
 Power Drift (%) : -4.961  
 Picture :



1 gram SAR value : 0.245 W/kg  
 10 gram SAR value : 0.131 W/kg  
 Area Scan Peak SAR : 0.354 W/kg  
 Zoom Scan Peak SAR : 0.550 W/kg

■ **2437 MHz, EUT Position: Tablet,SP 836 UMTS**

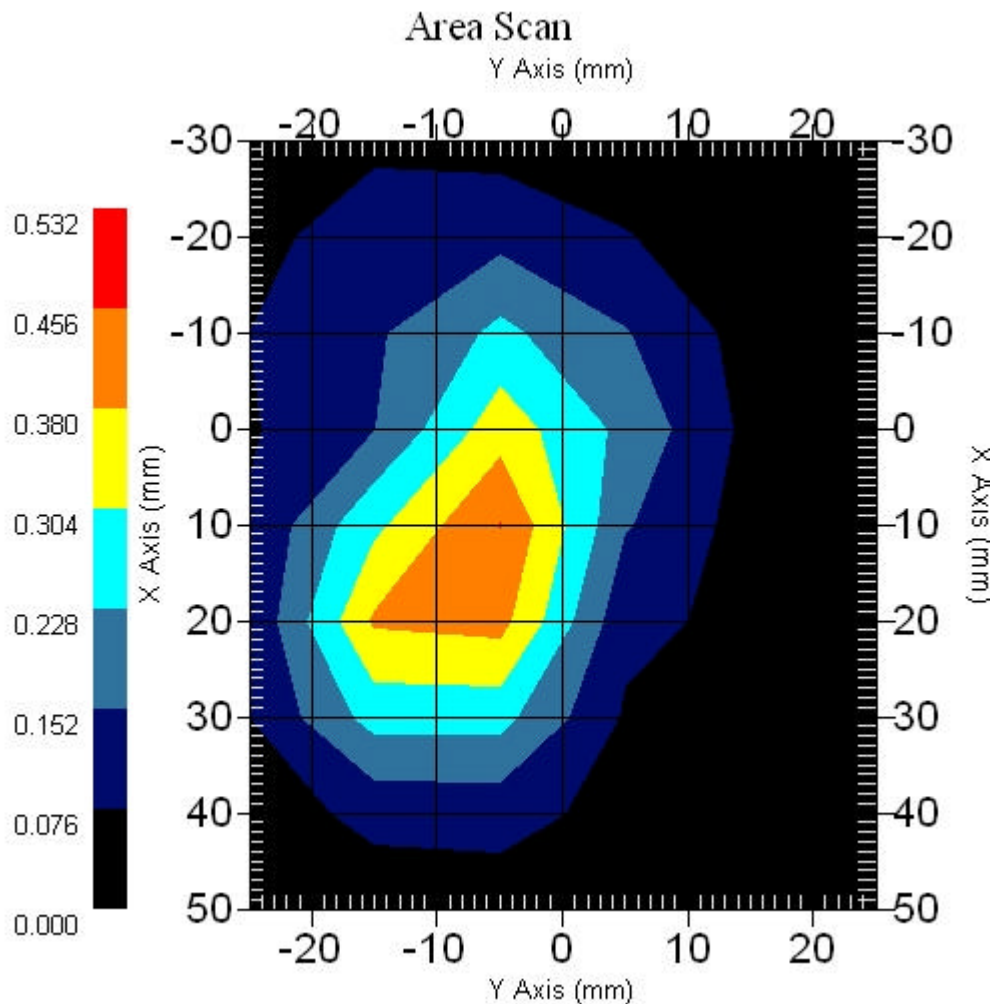
Measurement Data

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

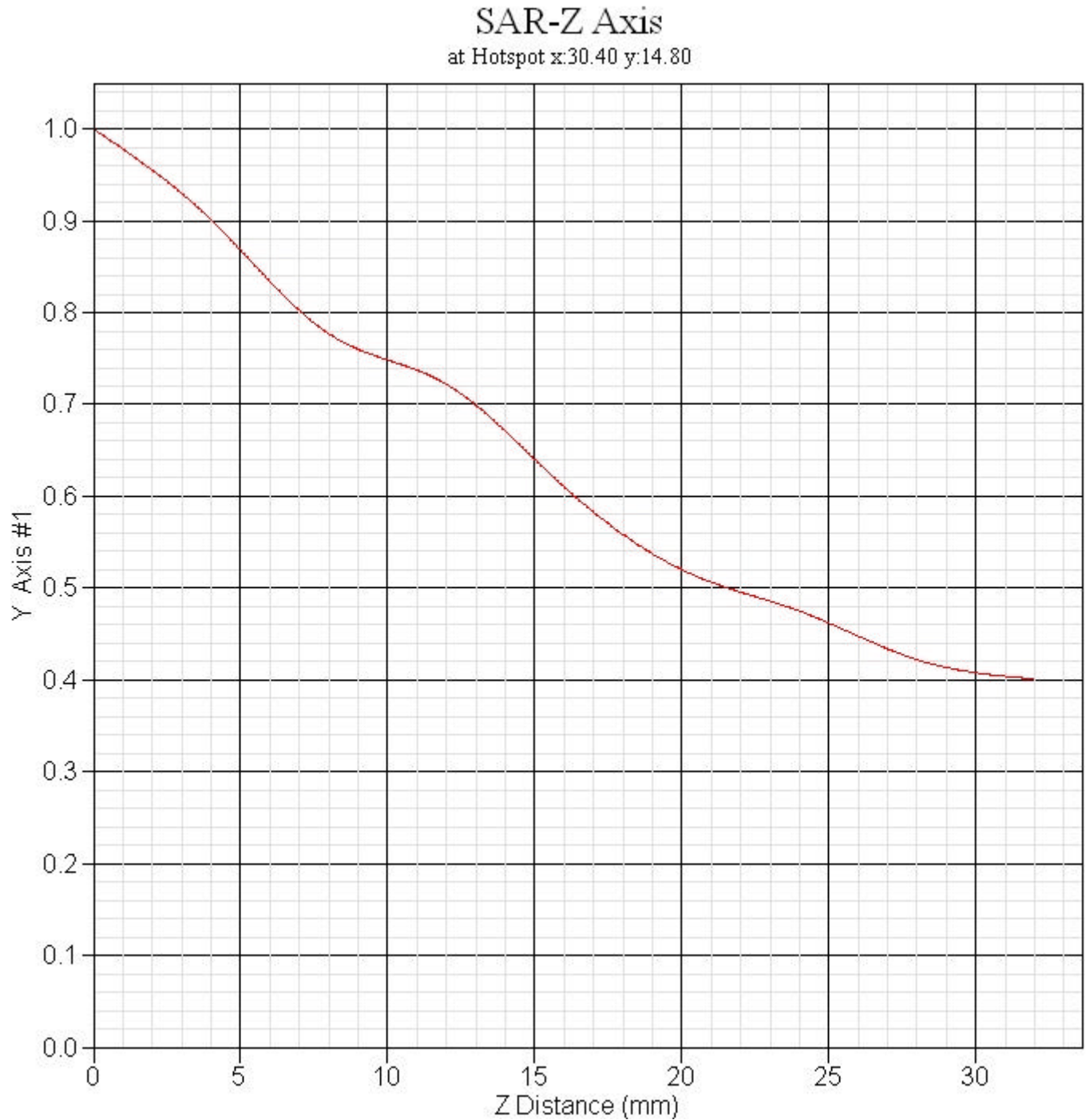
DUT Position : Touch  
Separation : 0  
Channel : Mid - 2437MHz

Power Drift-Start : 0.378 W/kg  
Power Drift-Finish: 0.379 W/kg  
Power Drift (%) : 2.645  
Picture :



1 gram SAR value : 0.424 W/kg  
10 gram SAR value : 0.222 W/kg  
Area Scan Peak SAR : 0.458 W/kg  
Zoom Scan Peak SAR : 0.810 W/kg

■ Z Axis : 802.11b 2437MHz, Position: Tablet SP, 836 GSM



### 11.3 802.11b + WWAN Tosa (EV-DO) : FCCID N7N-MC5720 + Bluetooth

#### ■ 2437 MHz, EUT Position: Laptop 836 EV-DO

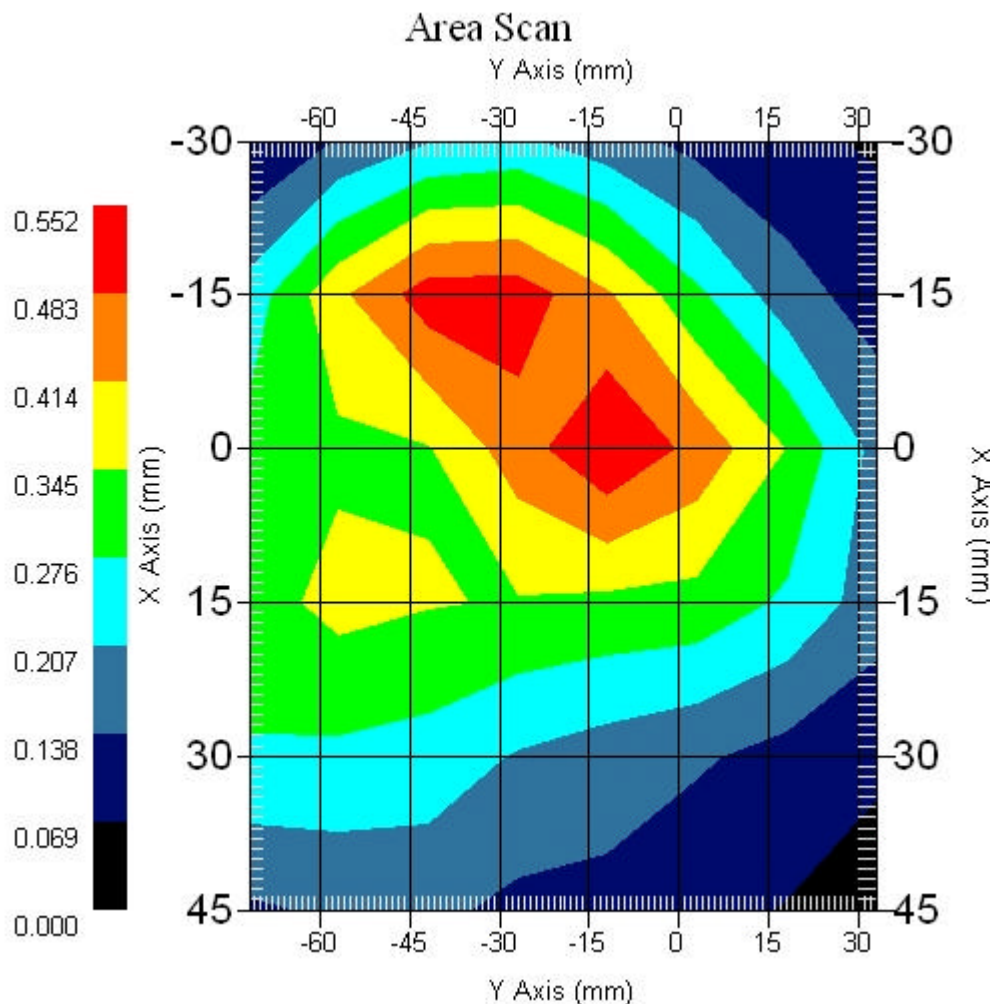
##### Measurement Data

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 - 2437MHz

Power Drift-Start : 0.538 W/kg  
 Power Drift-Finish: 0.540 W/kg  
 Power Drift (%) : 0.372  
 Picture :



1 gram SAR value : 0.540 W/kg  
 10 gram SAR value : 0.385 W/kg  
 Area Scan Peak SAR : 0.549 W/kg  
 Zoom Scan Peak SAR : 0.740 W/kg

# ■ 2437 MHz, EUT Position: Laptop 836 EV-DO

## Measurement Data

Crest Factor : 1  
 Scan Type : Complete  
 Area Scan : 5x12x1 : Measurement x=15mm, y=15mm, z=4mm  
 Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

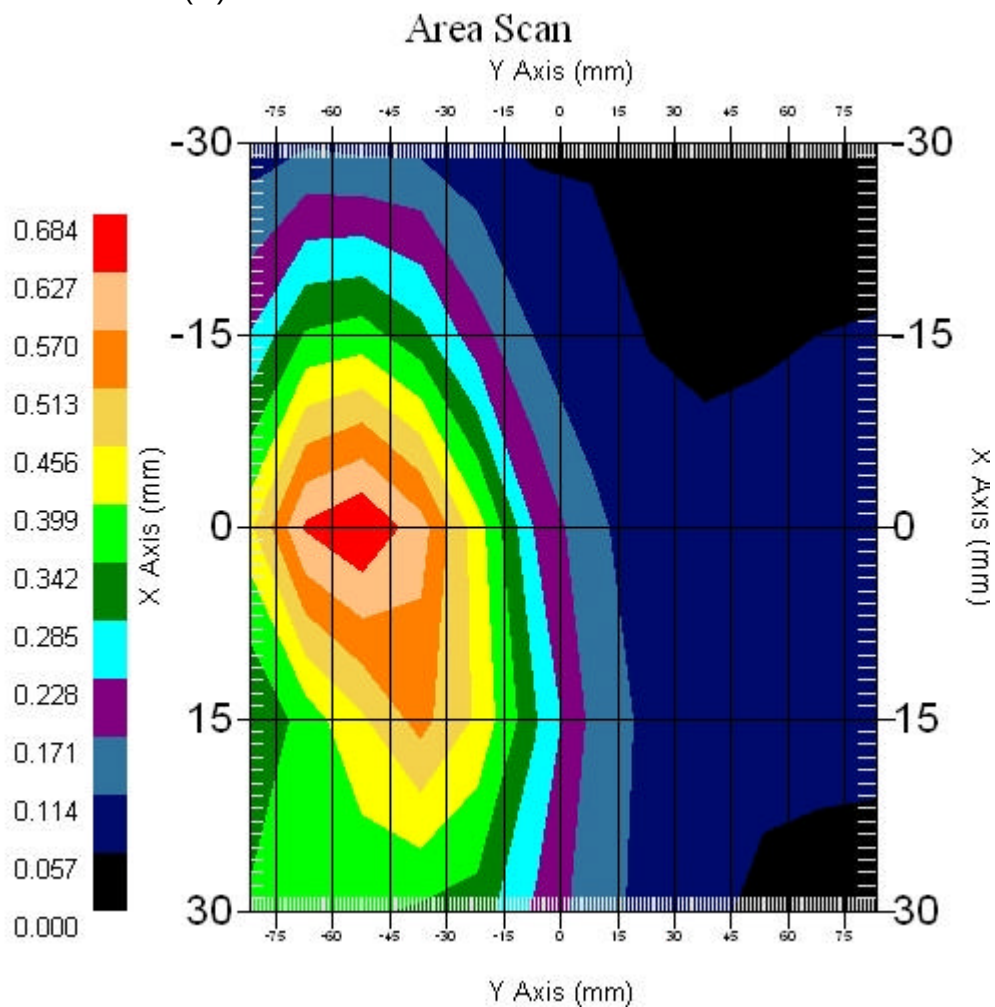
## Other Data

DUT Position : Touch  
 Separation : 0  
 Channel : Mid - 2437MHz

Power Drift-Start : 0.171 W/kg

Power Drift-Finish: 0.167 W/kg

Power Drift (%) : -2.339



1 gram SAR value : 0.548 W/kg

10 gram SAR value : 0.372 W/kg

Area Scan Peak SAR : 0.681 W/kg

Zoom Scan Peak SAR : 0.960 W/kg

■ **2437 MHz, EUT Position: Tablet, PL 836 EV-DO**

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

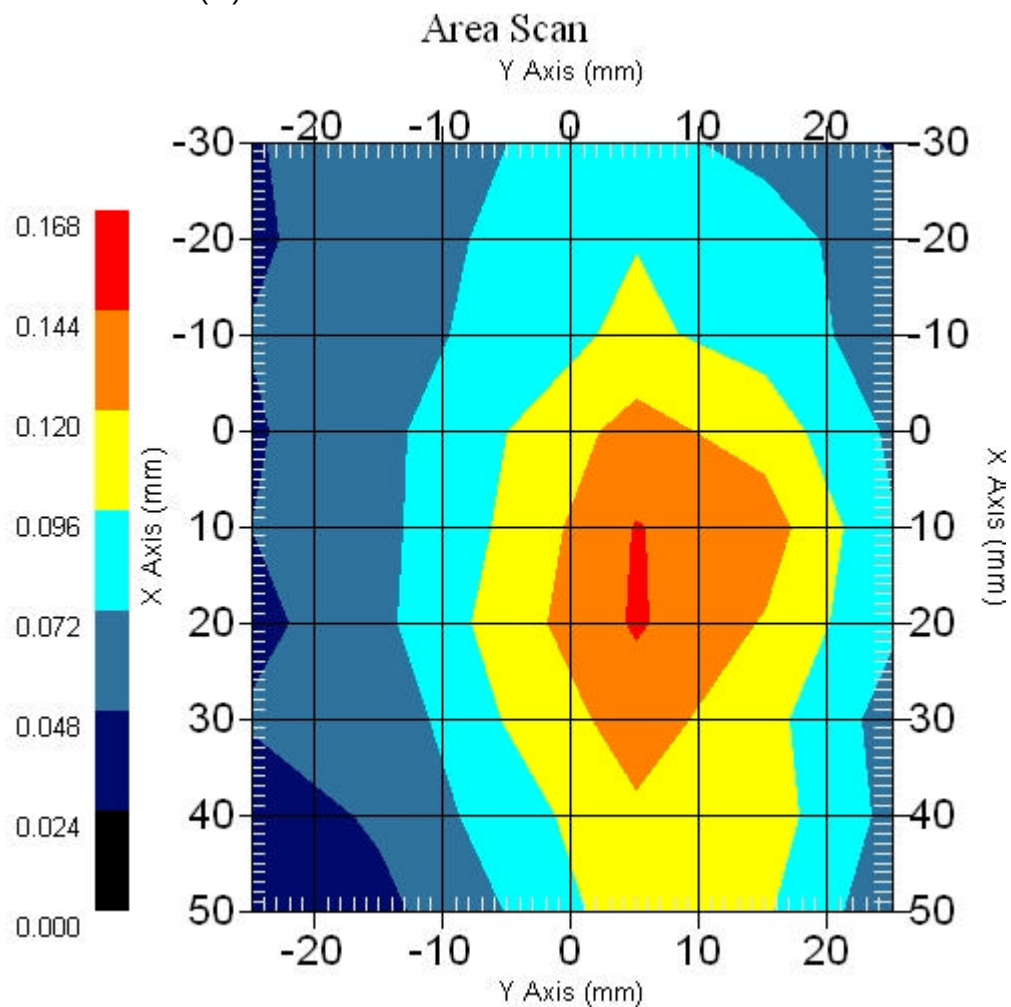
Other Data

DUT Position : Touch  
 Separation : 0  
 Channel : Mid - 2437MHz

Power Drift-Start : 0.135 W/kg

Power Drift-Finish: 0.137 W/kg

Power Drift (%) : 1.481 :



1 gram SAR value : 0.145 W/kg

10 gram SAR value : 0.108 W/kg

Area Scan Peak SAR : 0.147 W/kg

Zoom Scan Peak SAR : 0.170 W/kg

■ 2437 MHz, EUT Position: Tablet, PP 836 EV-DO

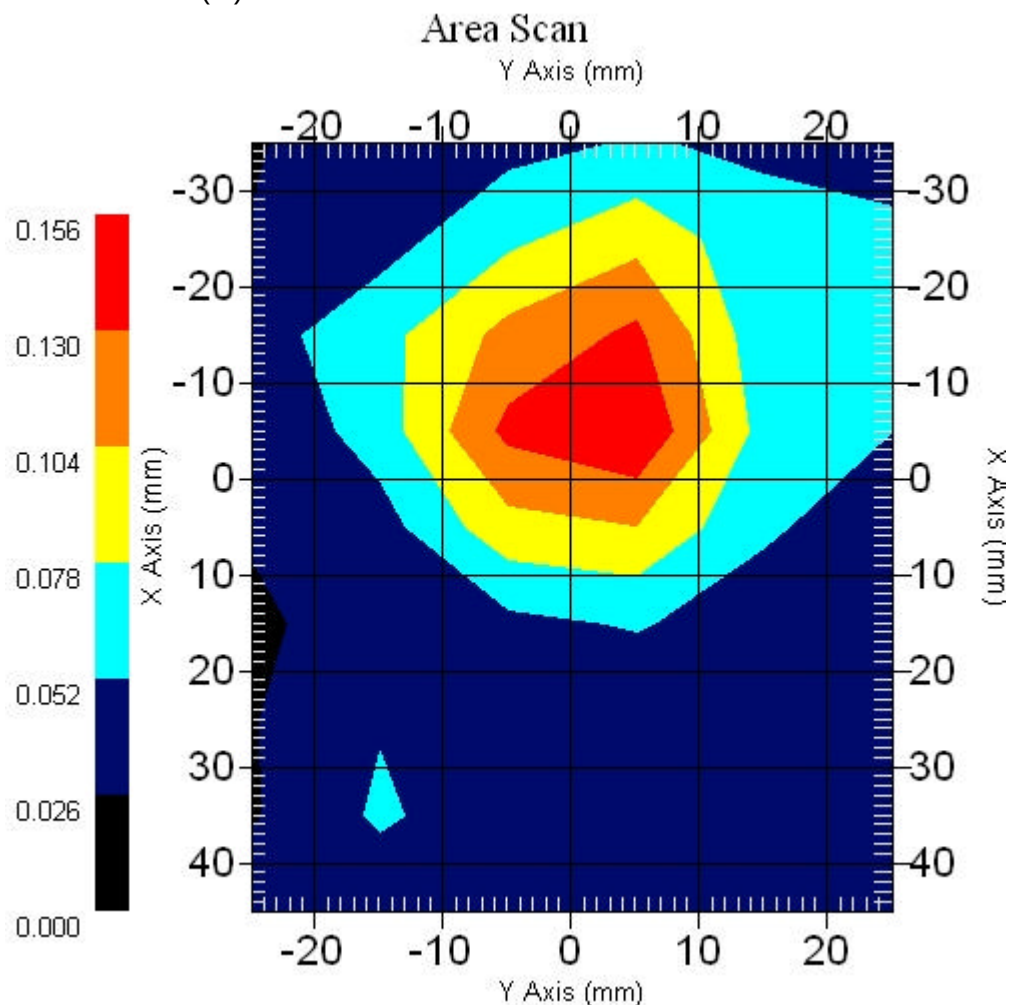
Measurement Data

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 - 2437MHz

Power Drift-Start : 0.160 W/kg  
 Power Drift-Finish: 0.167 W/kg  
 Power Drift (%) : 4.735



1 gram SAR value : 0.149 W/kg  
 10 gram SAR value : 0.081 W/kg  
 Area Scan Peak SAR : 0.155 W/kg  
 Zoom Scan Peak SAR : 0.280 W/kg

■ 2437 MHz, EUT Position: Tablet,SL 836 EV-DO

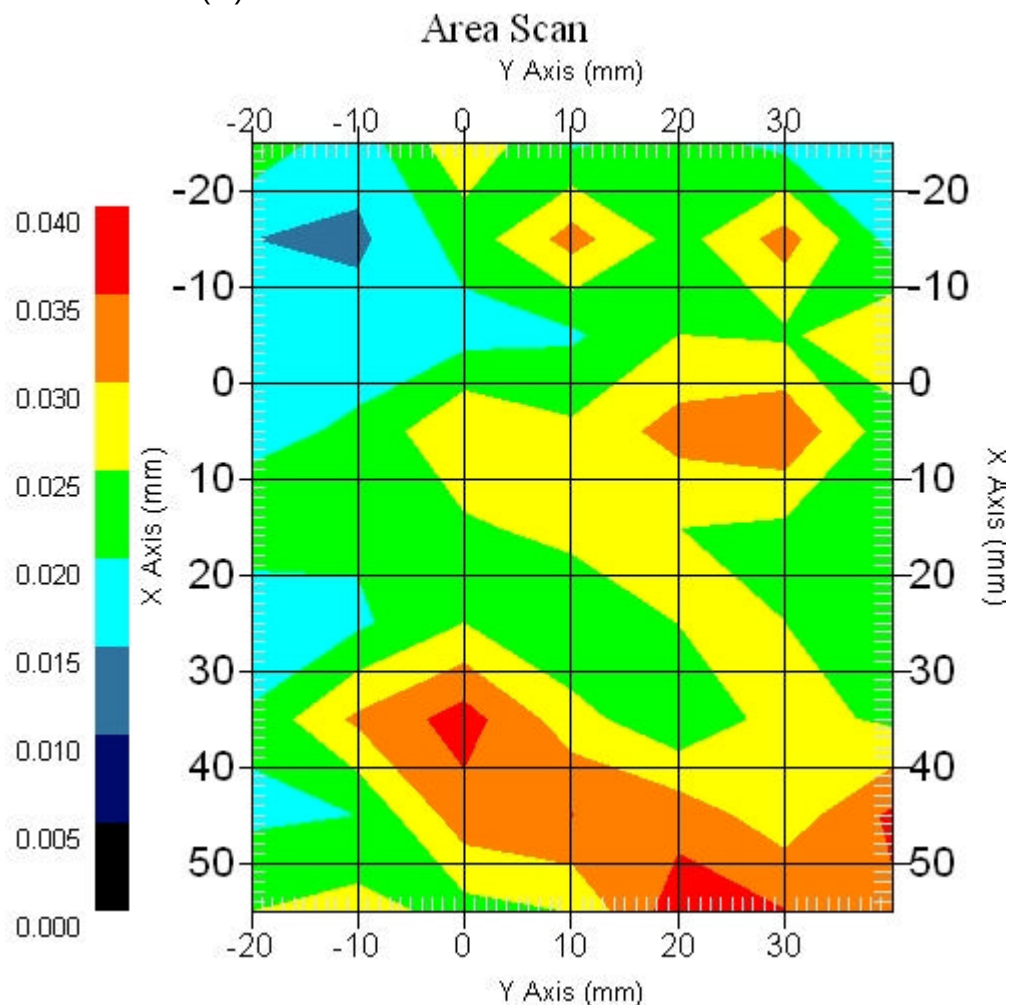
Measurement Data

Crest Factor : 1  
 Scan Type : Complete  
 Area Scan : 9x5x1 : 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 - 2437MHz

Power Drift-Start : 0.027 W/kg  
 Power Drift-Finish: 0.028 W/kg  
 Power Drift (%) : 3.703



1 gram SAR value : 0.075 W/kg  
 10 gram SAR value : 0.057 W/kg  
 Area Scan Peak SAR : 0.052 W/kg  
 Zoom Scan Peak SAR : 0.080 W/kg

■ 2437 MHz, EUT Position: Tablet, SP 836 EV-DO

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

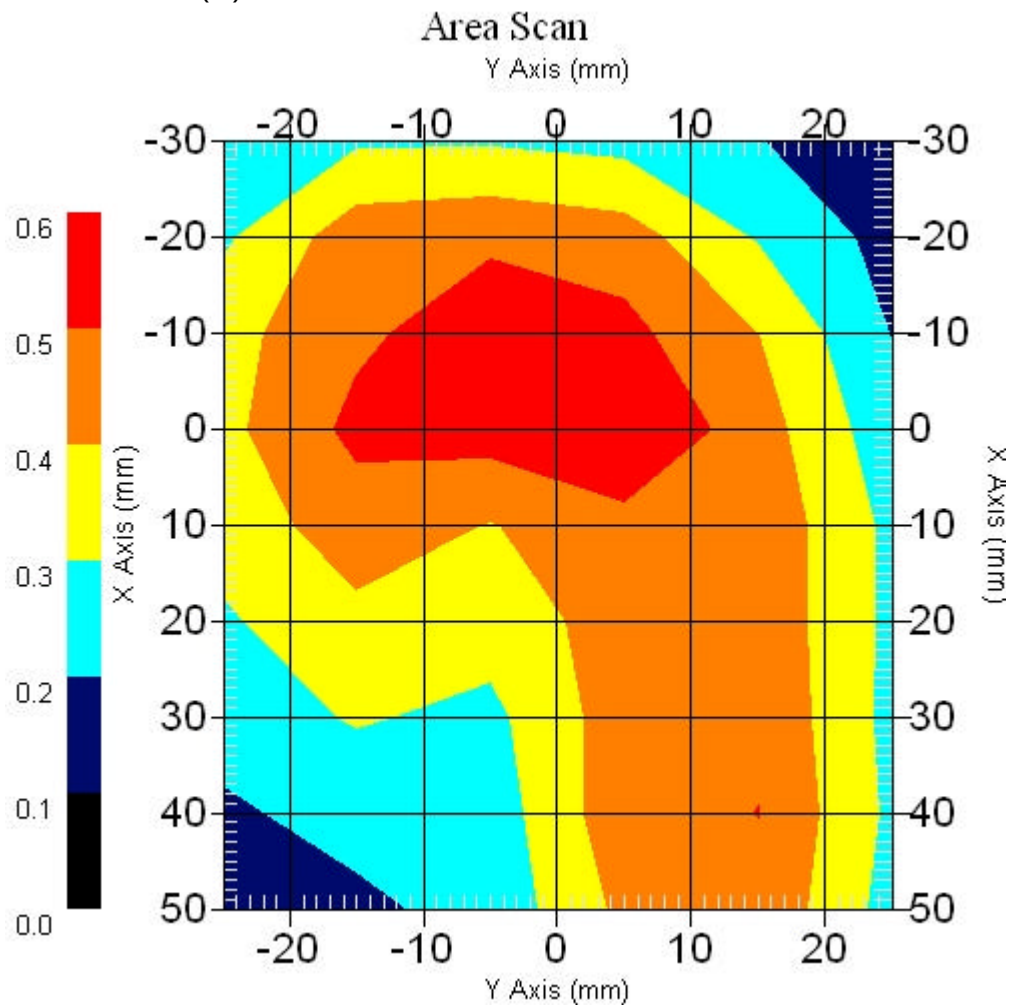
Other Data

DUT Position : Touch  
 Separation : 0  
 Channel : Mid - 2437MHz

Power Drift-Start : 0.555 W/kg

Power Drift-Finish: 0.552 W/kg

Power Drift (%) : -0.577



1 gram SAR value : 0.571 W/kg

10 gram SAR value : 0.394 W/kg

Area Scan Peak SAR : 0.597 W/kg

Zoom Scan Peak SAR : 0.910 W/kg

# ■ 2437 MHz, EUT Position: Tablet, PL 1880 EV-DO

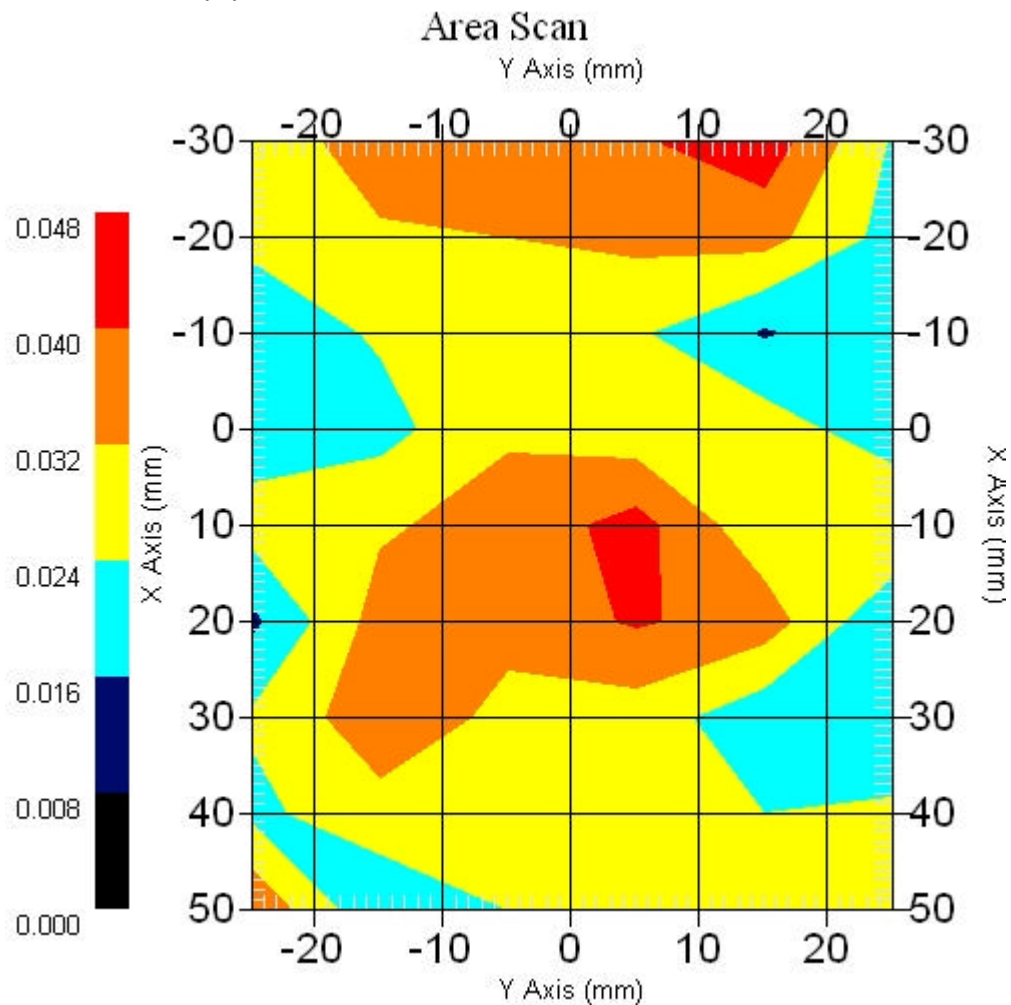
## Measurement Data

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 - 2437MHz

Power Drift-Start : 0.030 W/kg  
 Power Drift-Finish: 0.029 W/kg  
 Power Drift (%) : -3.333



1 gram SAR value : 0.044 W/kg  
 10 gram SAR value : 0.032 W/kg  
 Area Scan Peak SAR : 0.045 W/kg  
 Zoom Scan Peak SAR : 0.083 W/kg

■ 2437 MHz, EUT Position: Tablet, PP 1880 EV-DO

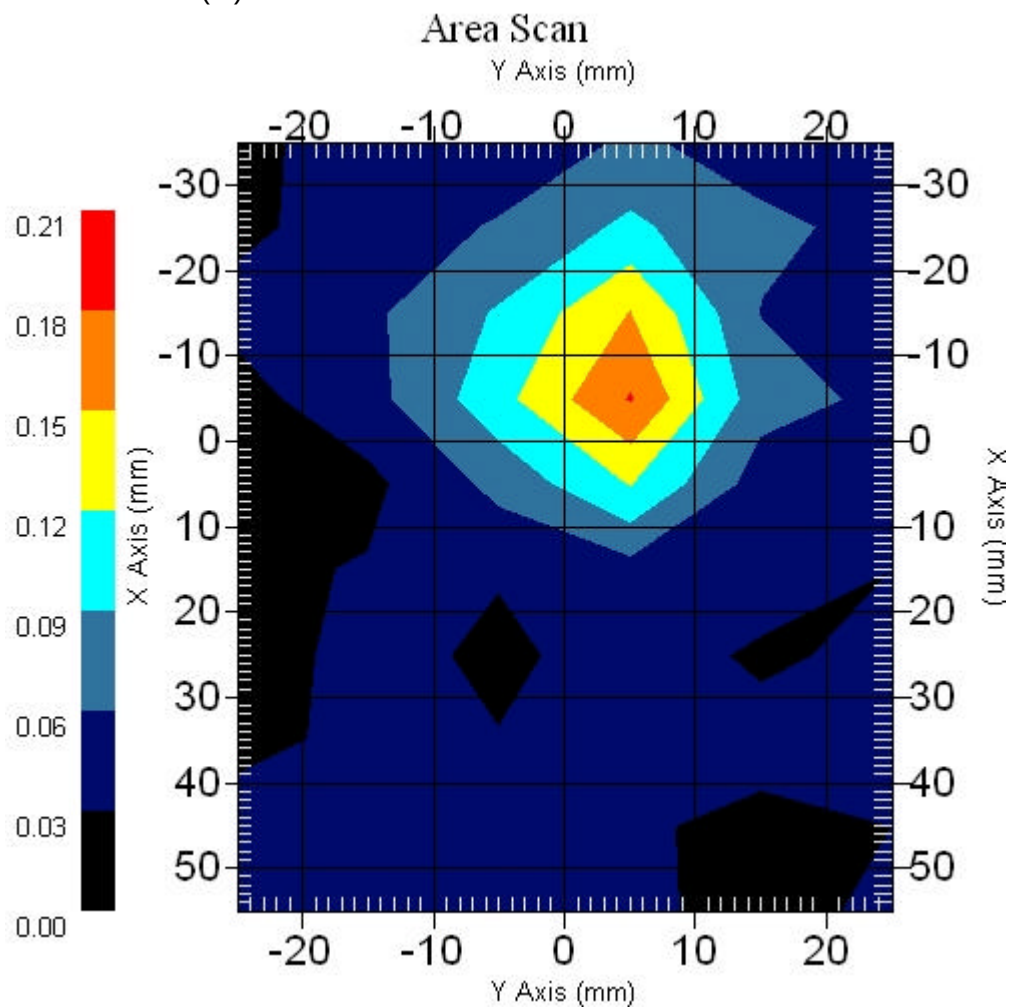
Measurement Data

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 - 2437MHz

Power Drift-Start : 0.166 W/kg  
 Power Drift-Finish: 0.167 W/kg  
 Power Drift (%) : 0.847



1 gram SAR value : 0.155 W/kg  
 10 gram SAR value : 0.081 W/kg  
 Area Scan Peak SAR : 0.182 W/kg  
 Zoom Scan Peak SAR : 0.300 W/kg

■ 2437 MHz, EUT Position: Tablet,SL 1880 EV-DO

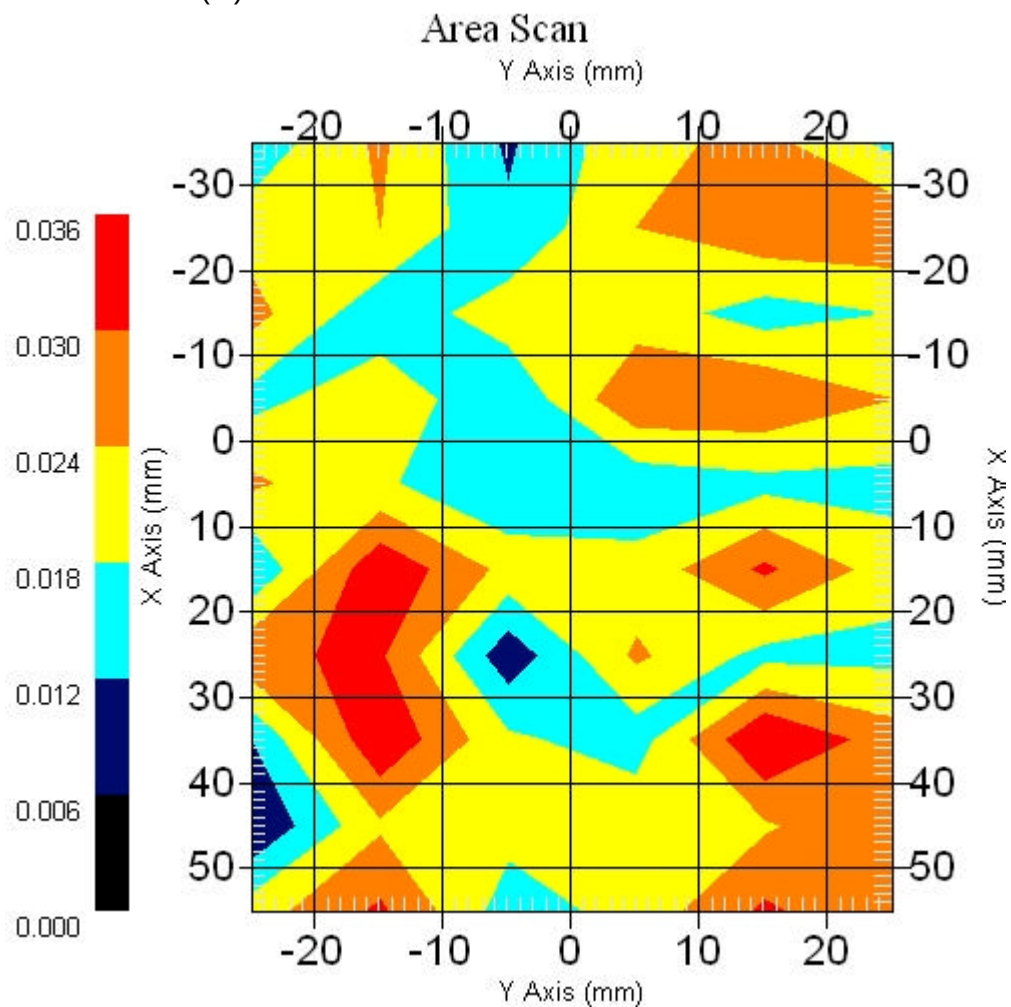
Measurement Data

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 - 2437MHz

Power Drift-Start : 0.026 W/kg  
 Power Drift-Finish: 0.027 W/kg  
 Power Drift (%) : 4.106



1 gram SAR value : 0.039 W/kg  
 10 gram SAR value : 0.020 W/kg  
 Area Scan Peak SAR : 0.036 W/kg  
 Zoom Scan Peak SAR : 0.110 W/kg

■ 2437 MHz, EUT Position: Tablet,SP 1880 EV-DO

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

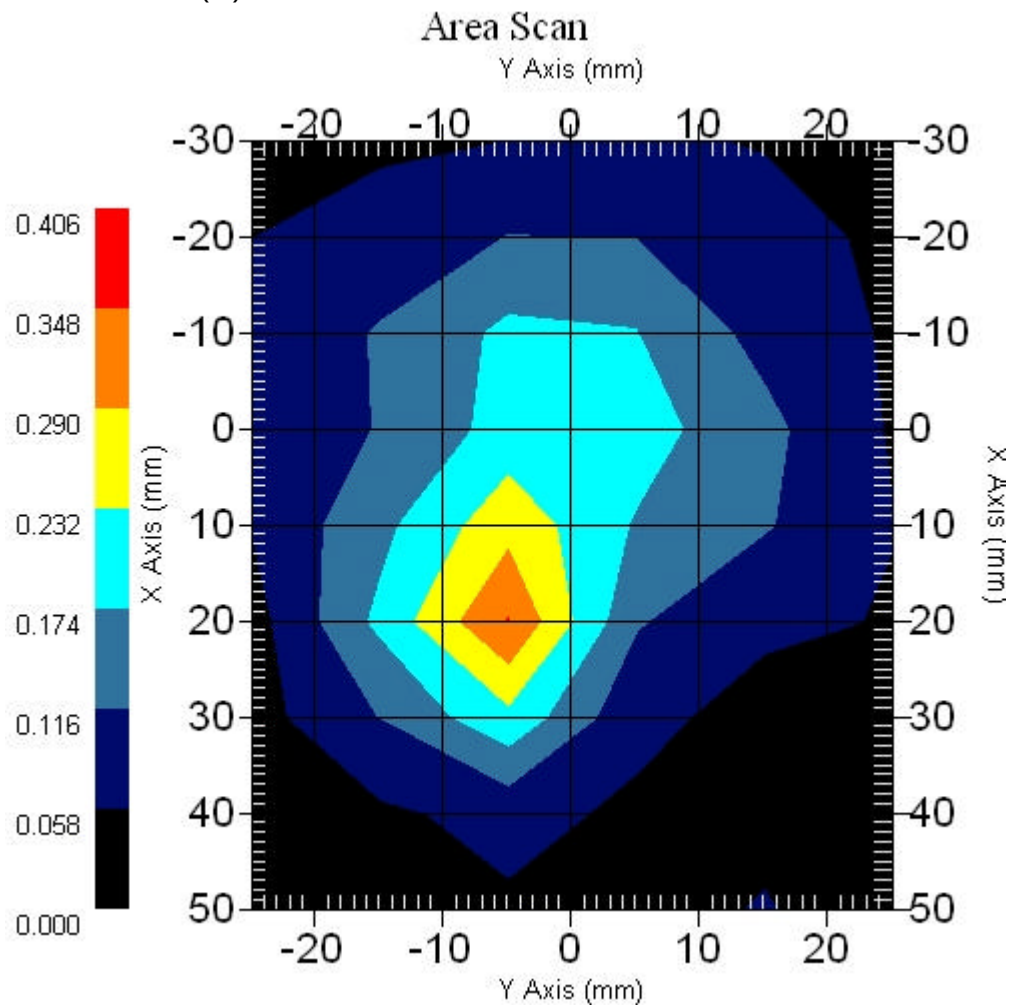
Other Data

DUT Position : Touch  
 Separation : 0  
 Channel : Mid - 2437MHz

Power Drift-Start : 0.225 W/kg

Power Drift-Finish: 0.219 W/kg

Power Drift (%) : -2.663



1 gram SAR value : 0.223 W/kg

10 gram SAR value : 0.119 W/kg

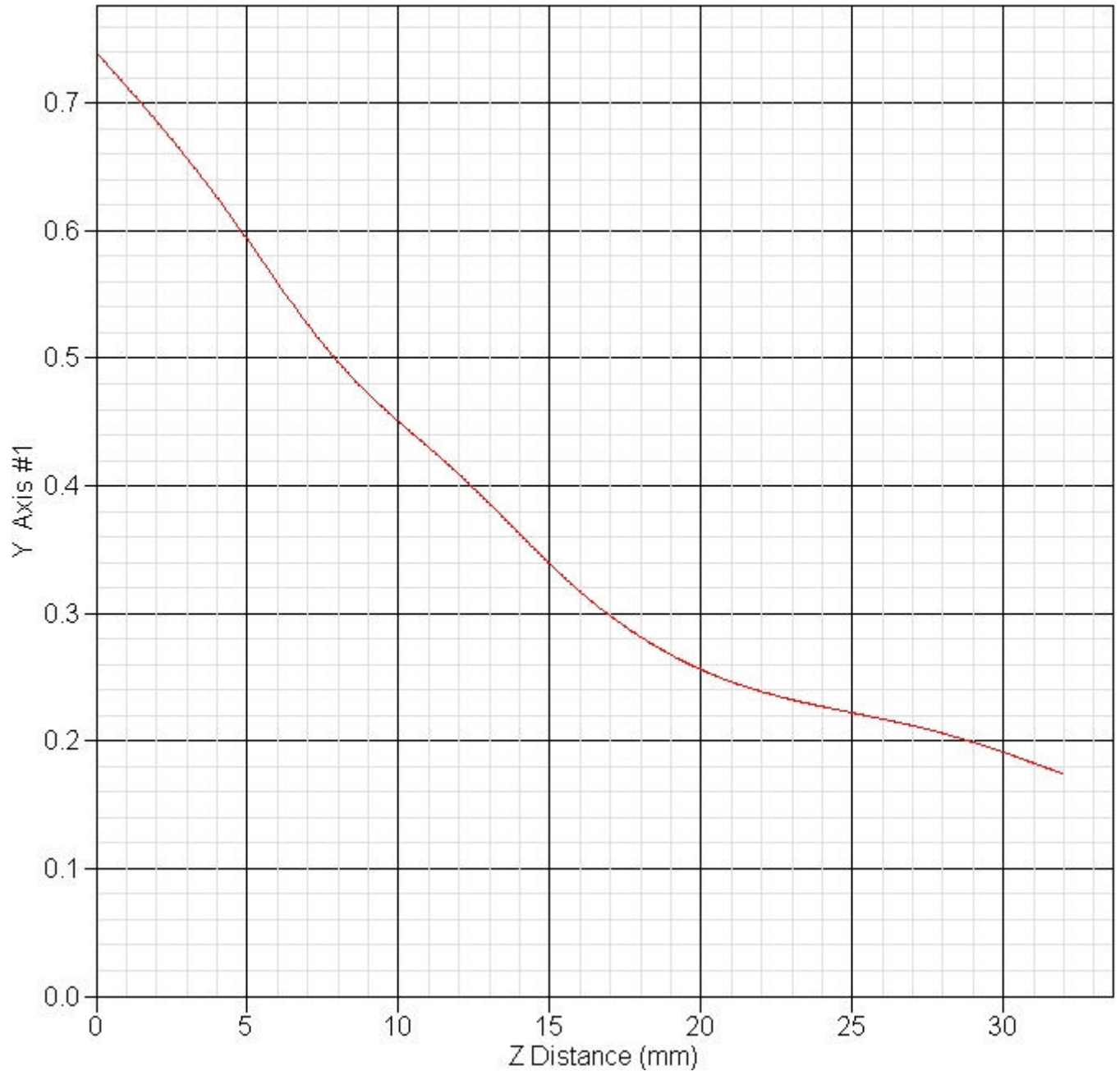
Area Scan Peak SAR : 0.350 W/kg

Zoom Scan Peak SAR : 0.470 W/kg

■ Z Axis : 802.11b 2437MHz, Position: Laptop, TOSA 836 EV-DO

### SAR-Z Axis

at Hotspot x:-7.70 y:-20.00



## 12. 802.11g SAR measurement Data

Measurement Date : 01-Aug-2006

### Product Data

Device Name : Golan  
Serial No. : 11.b-Botton-GSM800  
Type : Other  
Model : 1  
Frequency : 2437.00 MHz  
Max. Transmit Pwr : 0.103 W  
Drift Time : 0 min(s)  
Length : 230 mm  
Width : 270 mm  
Depth : 22 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. : 2450BODY  
Frequency : 2450.00 MHz  
Last Calib. Date : 01-Aug-2006  
Temperature : 22.10 °C  
Ambient Temp. : 22.40 °C  
Humidity : 51.00 RH%  
Epsilon : 53.95 F/m  
Sigma : 1.99 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 : 2450.00 MHz  
Duty Cycle Factor: 1  
Conversion Factor: 5.02  
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

## 12.1 802.11g + Karafuto (GSM, EGSM, UMTS) : FCCID N7NMC8765 +Bluetooth

### ■ 2437 MHz, EUT Position: Laptop 836GSM

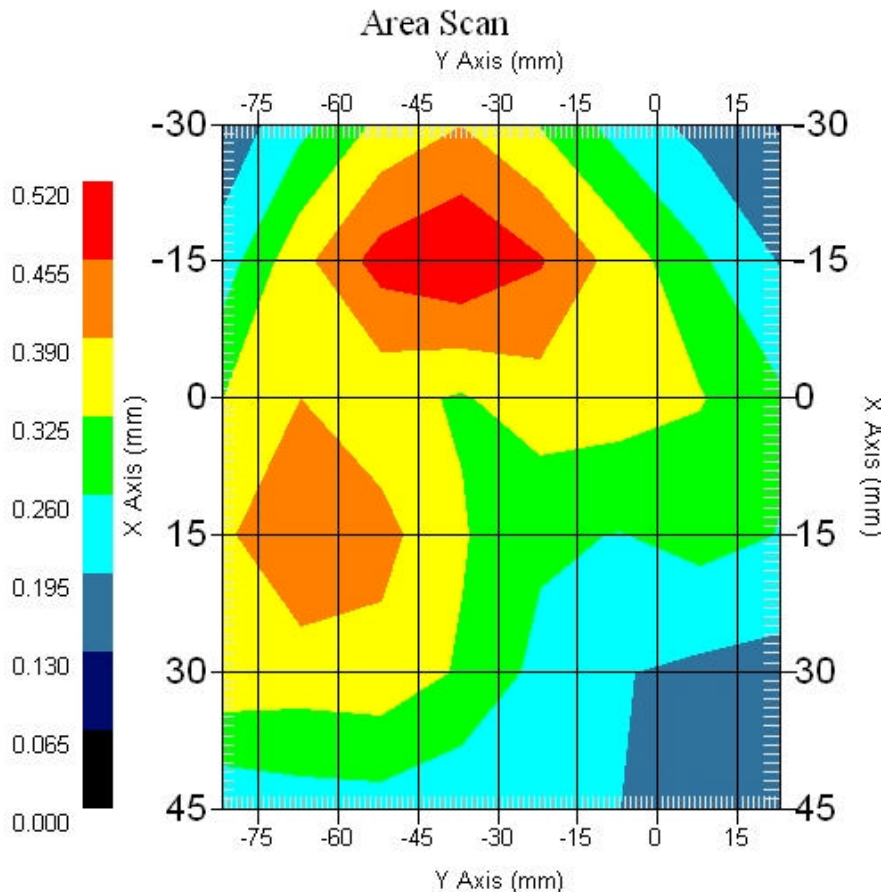
#### Measurement Data

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 - 2437MHz

Power Drift-Start : 0.436 W/kg  
 Power Drift-Finish: 0.436 W/kg  
 Power Drift (%) : 0.021  
 Picture :



1 gram SAR value : 0.518 W/kg  
 10 gram SAR value : 0.398 W/kg  
 Area Scan Peak SAR : 0.518 W/kg  
 Zoom Scan Peak SAR : 0.650 W/kg

■ **2437 MHz, EUT Position: Laptop 836GSM**

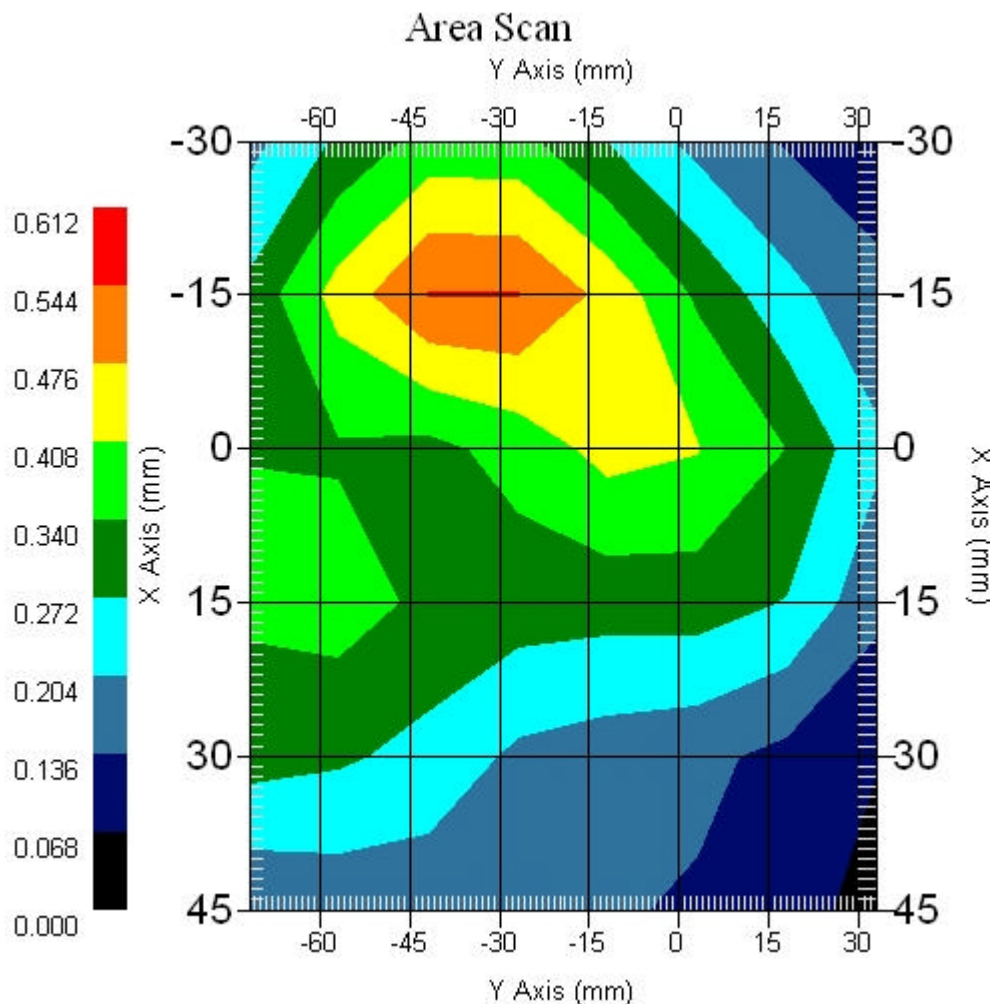
Measurement Data

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 - 2437MHz

Power Drift-Start : 0.436 W/kg  
 Power Drift-Finish: 0.430 W/kg  
 Power Drift (%) : -1.469  
 Picture :



1 gram SAR value : 0.517 W/kg  
 10 gram SAR value : 0.380 W/kg  
 Area Scan Peak SAR : 0.547 W/kg  
 Zoom Scan Peak SAR : 0.700 W/kg

■ **2437 MHz, EUT Position: Tablet, PL 836GSM**

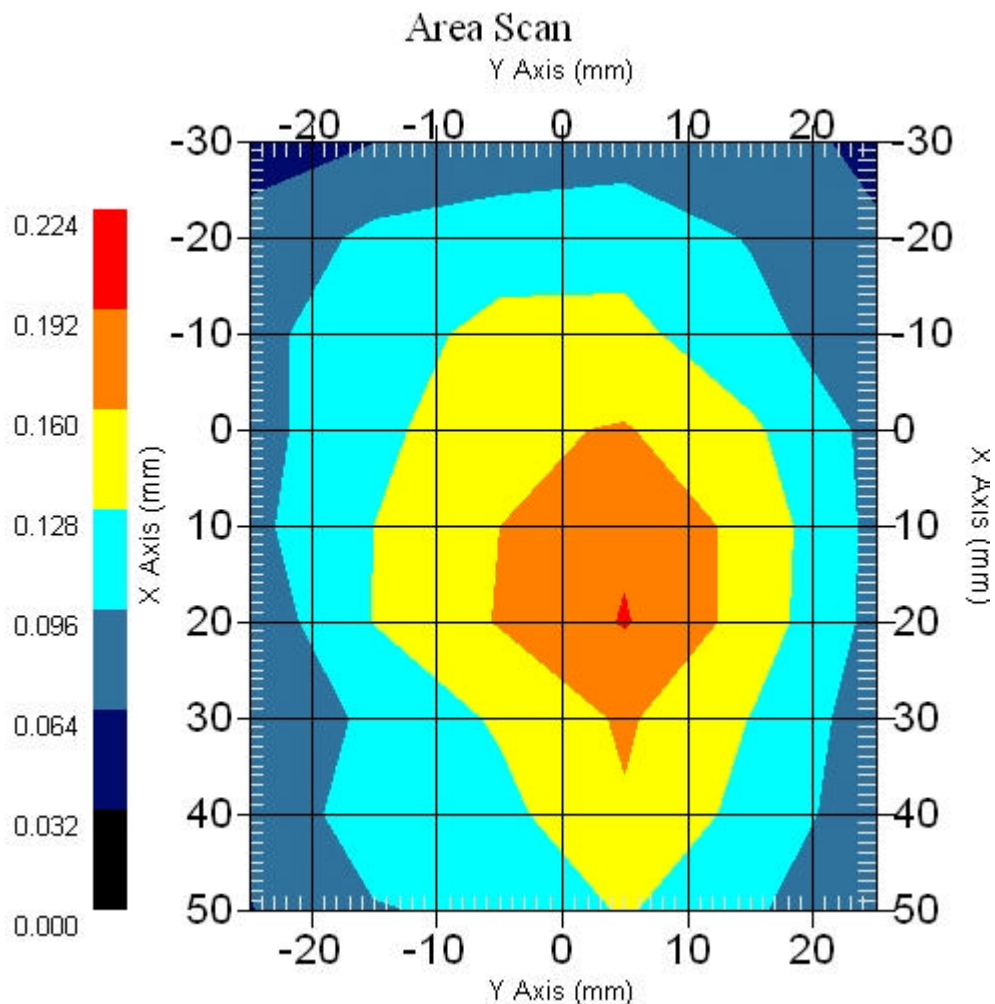
Measurement Data

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 - 2437MHz

Power Drift-Start : 0.183 W/kg  
 Power Drift-Finish: 0.174 W/kg  
 Power Drift (%) : -4.918  
 Picture :



1 gram SAR value : 0.176 W/kg  
 10 gram SAR value : 0.134 W/kg  
 Area Scan Peak SAR : 0.194 W/kg  
 Zoom Scan Peak SAR : 0.200 W/kg