

# 1. SAR Test Results Summary

Liquid Temperature (°C) : 20.1 ±2		Relative Humidity (%) : 48		
Ambient Temperature (°C) : 20.7 ±2		Depth of Liquid (cm) : >15		
Product: TES25 ExpressCard Modem				
Test Mode : Channel Bandwidth:5 MHz, Modulation:16 QAM, Antenna Position:2 ,distance 0.3cm				
Test Position	Antenna Position	Frequency	SAR 1g (W/kg)	Limit 1g (W/kg)
Body		MHz		
Body-worn	Fixed	2499	1.296	1.6
Body-worn	Fixed	2600	1.167	1.6
Body-worn	Fixed	2687	1.312	1.6

## 2. SAR measurement Data

ALSAS-10U VER 2.3.6 APREL Laboratories

Report Date : 08-Jul-2008  
Measurement Date : 08-Jul-2008

### Product Data

Device Name : ZTE  
Type : Other  
Model : TES25  
Frequency : 2600.00 MHz  
Drift Time : 0 min(s)  
Length : 36.5 mm  
Width : 33.9 mm  
Depth : 12.5 mm  
Antenna Type : Internal

### Phantom Data

Type : Uni-Phantom  
Size (mm) : 280 x 280 x 200  
Location : Center

### Tissue Data

Type : BODY  
Serial No. : 328-B  
Frequency : 2600.00 MHz  
Last Calib. Date : 08-Jul-2008  
Temperature : 20.10 °C  
Ambient Temp. : 20.70 °C  
Humidity : 48.00 RH%  
Epsilon : 51.45 F/m  
Sigma : 2.24 S/m  
Density : 1000.00 kg/cu. m

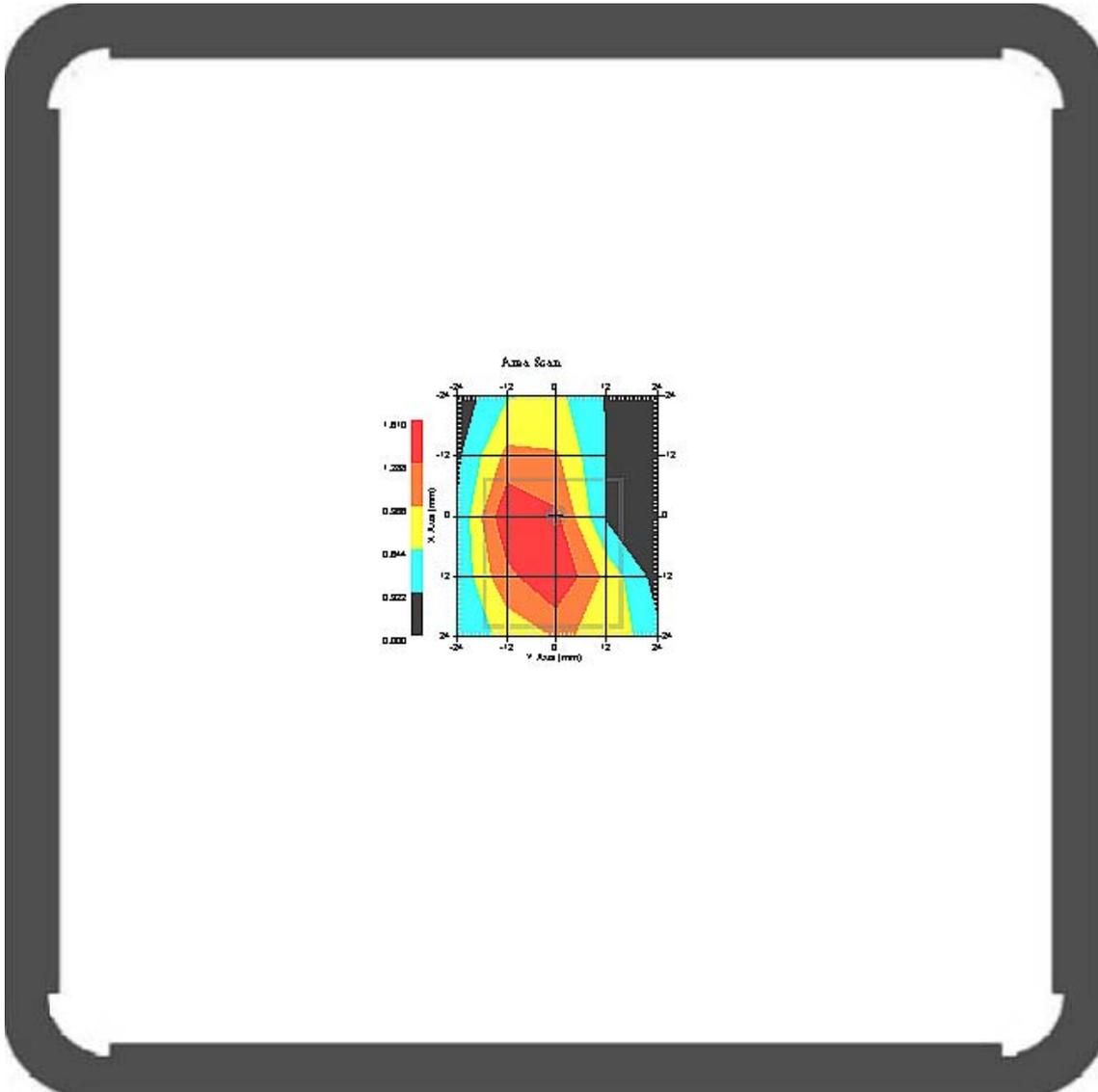
### Probe Data

Name : Probe 265  
Model : E020  
Type : E-Field Triangle  
Serial No. : 265  
Last Calib. Date : 09-May-2008  
Frequency : 2600.00 MHz  
Duty Cycle Factor: 1  
Conversion Factor: 4.25  
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

Measurement Data

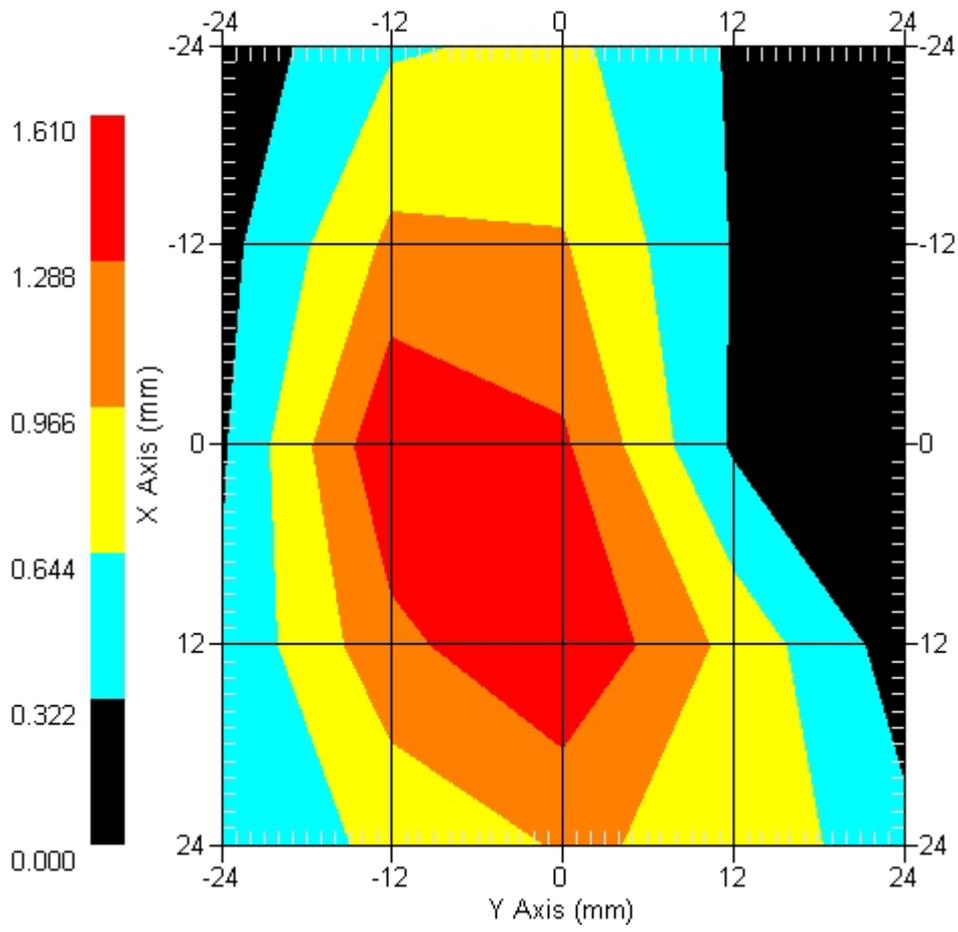
Crest Factor : 1  
Tissue Temp. : 20.10 °C  
Ambient Temp. : 20.70 °C  
Area Scan : 5x5x1 : Measurement x=12mm, y=12mm, z=4mm  
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm  
Power Drift-Start : 1.225 W/kg  
Power Drift-Finish: 1.195 W/kg  
Power Drift (%) : -2.448

DUT Position : Touch  
Channel : 2499



1 gram SAR value : 1.296 W/kg  
10 gram SAR value : 0.638 W/kg  
Area Scan Peak SAR : 1.610 W/kg  
Zoom Scan Peak SAR : 2.552 W/kg

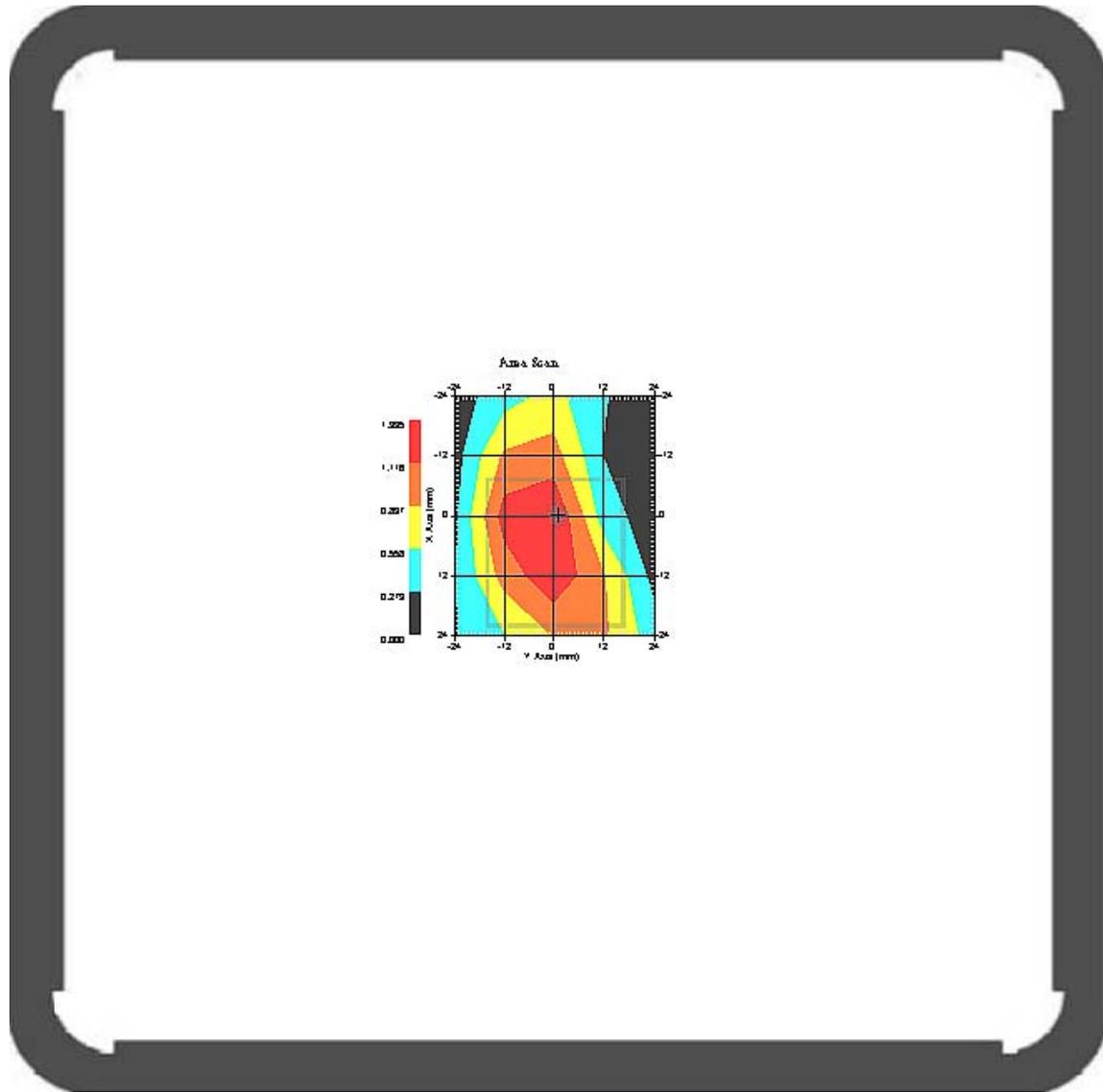
# Area Scan



Measurement Data

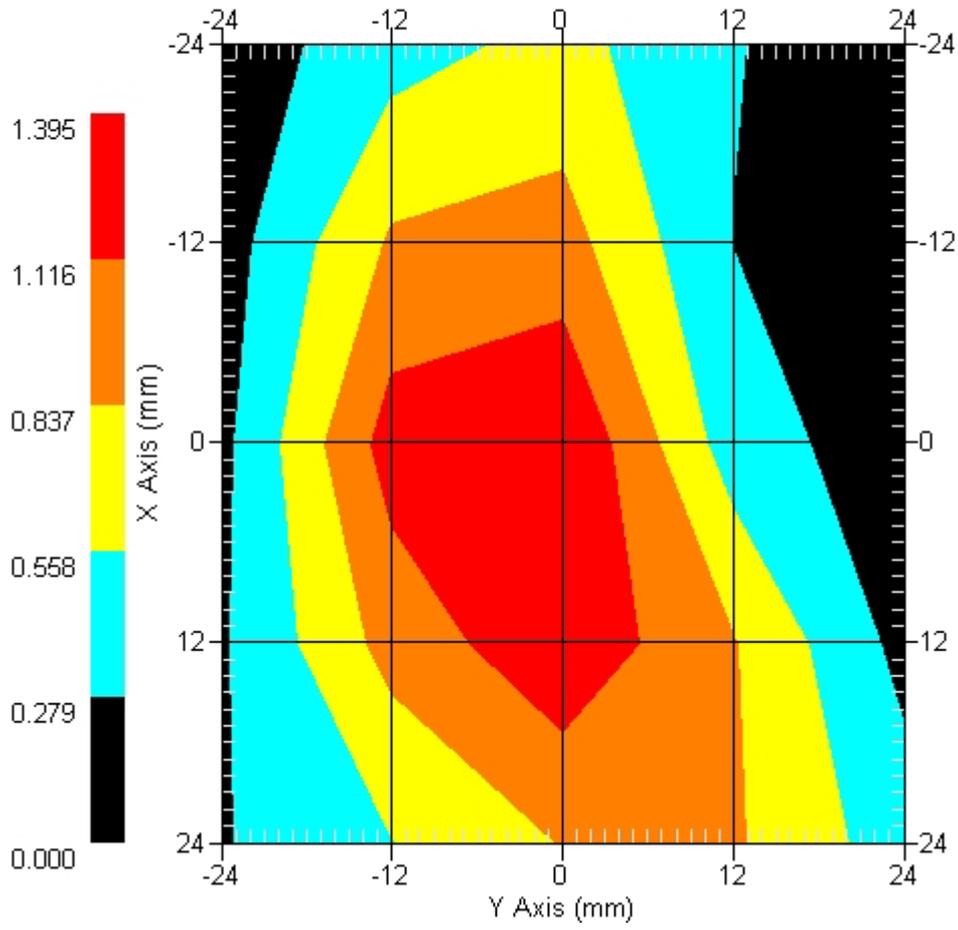
Crest Factor : 1  
Tissue Temp. : 20.10 °C  
Ambient Temp. : 20.70 °C  
Area Scan : 5x5x1 : Measurement x=12mm, y=12mm, z=4mm  
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm  
Power Drift-Start : 1.231 W/kg  
Power Drift-Finish: 1.275 W/kg  
Power Drift (%) : 3.574

DUT Position : Touch  
Channel : 2600



1 gram SAR value : 1.167 W/kg  
10 gram SAR value : 0.558 W/kg  
Area Scan Peak SAR : 1.393 W/kg  
Zoom Scan Peak SAR : 2.652 W/kg

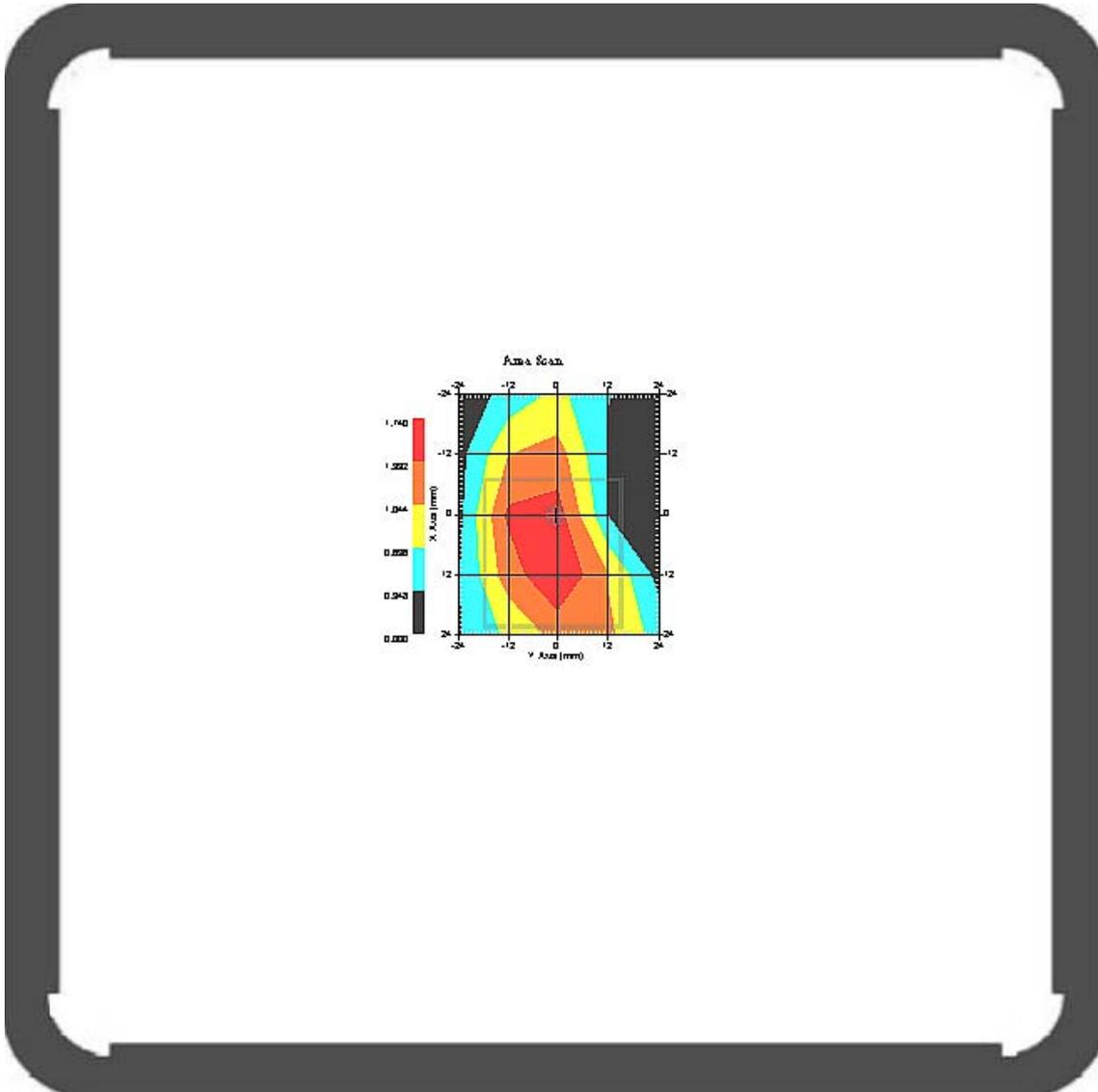
# Area Scan



Measurement Data

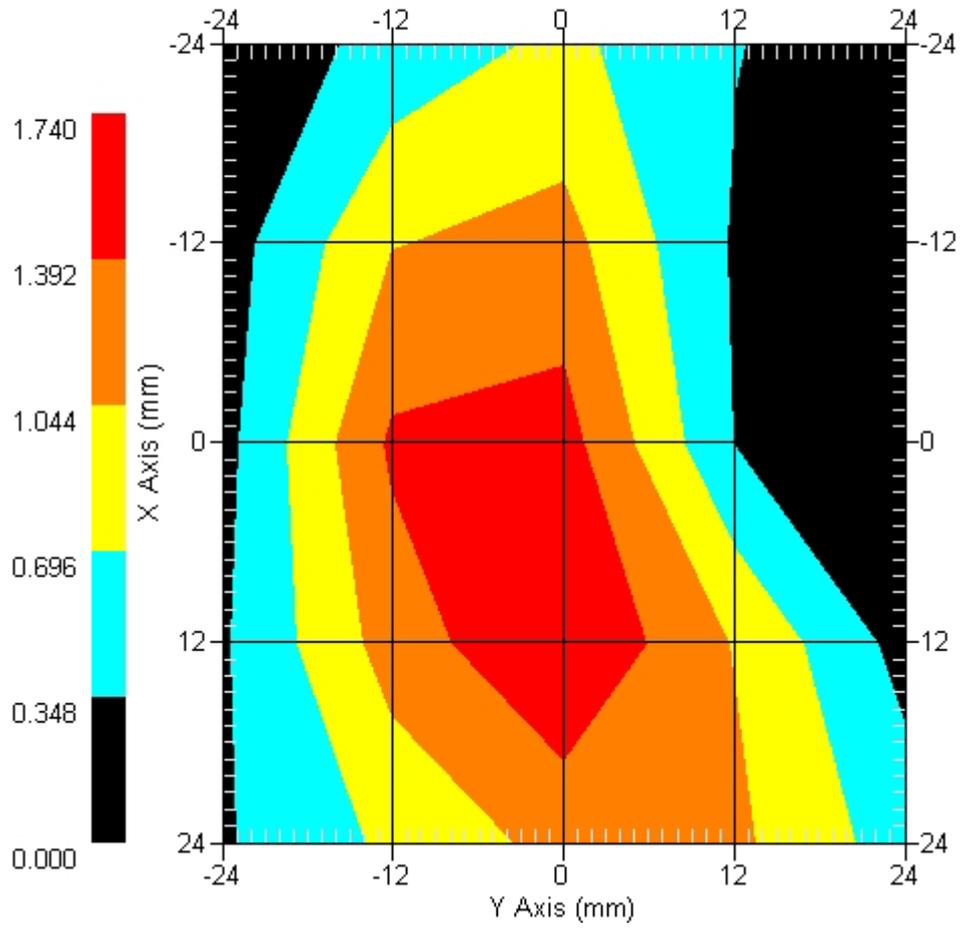
Crest Factor : 1  
Tissue Temp. : 20.10 °C  
Ambient Temp. : 20.70 °C  
Area Scan : 5x5x1 : Measurement x=12mm, y=12mm, z=4mm  
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm  
Power Drift-Start : 1.331 W/kg  
Power Drift-Finish: 1.364 W/kg  
Power Drift (%) : 2.479

DUT Position : Touch  
Channel : 2687



1 gram SAR value : 1.312 W/kg  
10 gram SAR value : 0.701 W/kg  
Area Scan Peak SAR : 1.740 W/kg  
Zoom Scan Peak SAR : 2.713 W/kg

# Area Scan



### 3. Test Setup Photograph

EUT Body worn

