

Appendix A. SAR System Validation Data

ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 06-Sep-2008

Measurement Date : 06-Sep-2008

Product Data

Device Name : Dipole-2600

Type : Dipole

Frequency : 2600.00 MHz

Max. Transmit Pwr : 1 W

Length : 49.5 mm

Width : 3.6 mm

Depth : 30 mm

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 : 06-Sep-2008

Temperature : 20.20 °C

Ambient Temp. : 20.70 °C

Humidity : 51.00 RH%

Epsilon : 52.32 F/m

Sigma : 2.06 S/m

Density : 1000.00 kg/cu. m

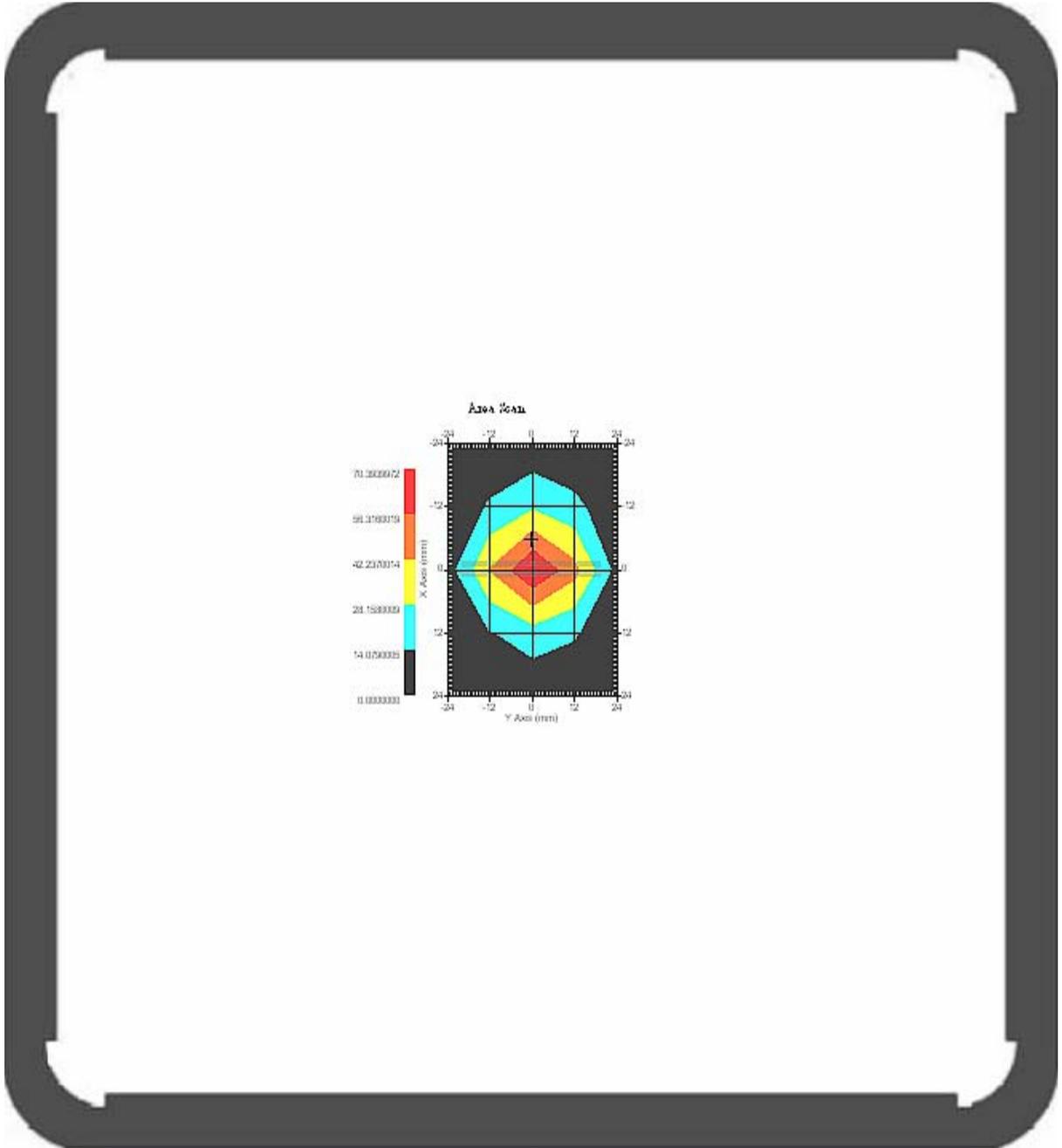
Probe Data

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. : 20.20 °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 : 34.674 W/kg
Power Drift-Finish: 34.959 W/kg
Power Drift (%) : 0.822

Frequency : 2600 MHz



1 gram SAR value : 55.056 W/kg
10 gram SAR value : 22.361 W/kg
Area Scan Peak SAR : 70.394 W/kg
Zoom Scan Peak SAR : 125.109 W/kg

ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 07-Sep-2008

Measurement Date : 07-Sep-2008

Product Data

Device Name : Dipole-2600

Type : Dipole

Frequency : 2600.00 MHz

Max. Transmit Pwr : 1 W

Length : 49.5 mm

Width : 3.6 mm

Depth : 30 mm

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 : 07-Sep-2008

Temperature : 20.10 °C

Ambient Temp. : 20.70 °C

Humidity : 50.00 RH%

Epsilon : 52.57 F/m

Sigma : 2.04 S/m

Density : 1000.00 kg/cu. m

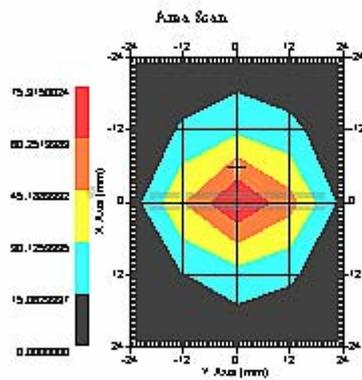
Probe Data

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=5m, z=5mm
Power Drift-Start : 35.616 W/kg
Power Drift-Finish: 37.020 W/kg
Power Drift (%) : 3.942

Frequency : 2600 MHz



1 gram SAR value : 52.745 W/kg
10 gram SAR value : 24.113 W/kg
Area Scan Peak SAR : 75.315 W/kg
Zoom Scan Peak SAR : 132.115 W/kg

ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 11-Sep-2008

Measurement Date : 11-Sep-2008

Product Data

Device Name : Dipole-2600

Type : Dipole

Frequency : 2600.00 MHz

Max. Transmit Pwr : 0.25 W

Length : 49.5 mm

Width : 3.6 mm

Depth : 30 mm

Phantom Data

Type : Uni-Phantom

Serial No. : User Define

Location : Center

Tissue Data

Type : BODY

Serial No. : 328-B

Frequency : 2600.00 MHz

Last Calib. Date : 11-Sep-2008

Temperature : 20.20 °C

Ambient Temp. : 20.70 °C

Humidity : 51.00 RH%

Epsilon : 52.33 F/m

Sigma : 2.05 S/m

Density : 1000.00 kg/cu. m

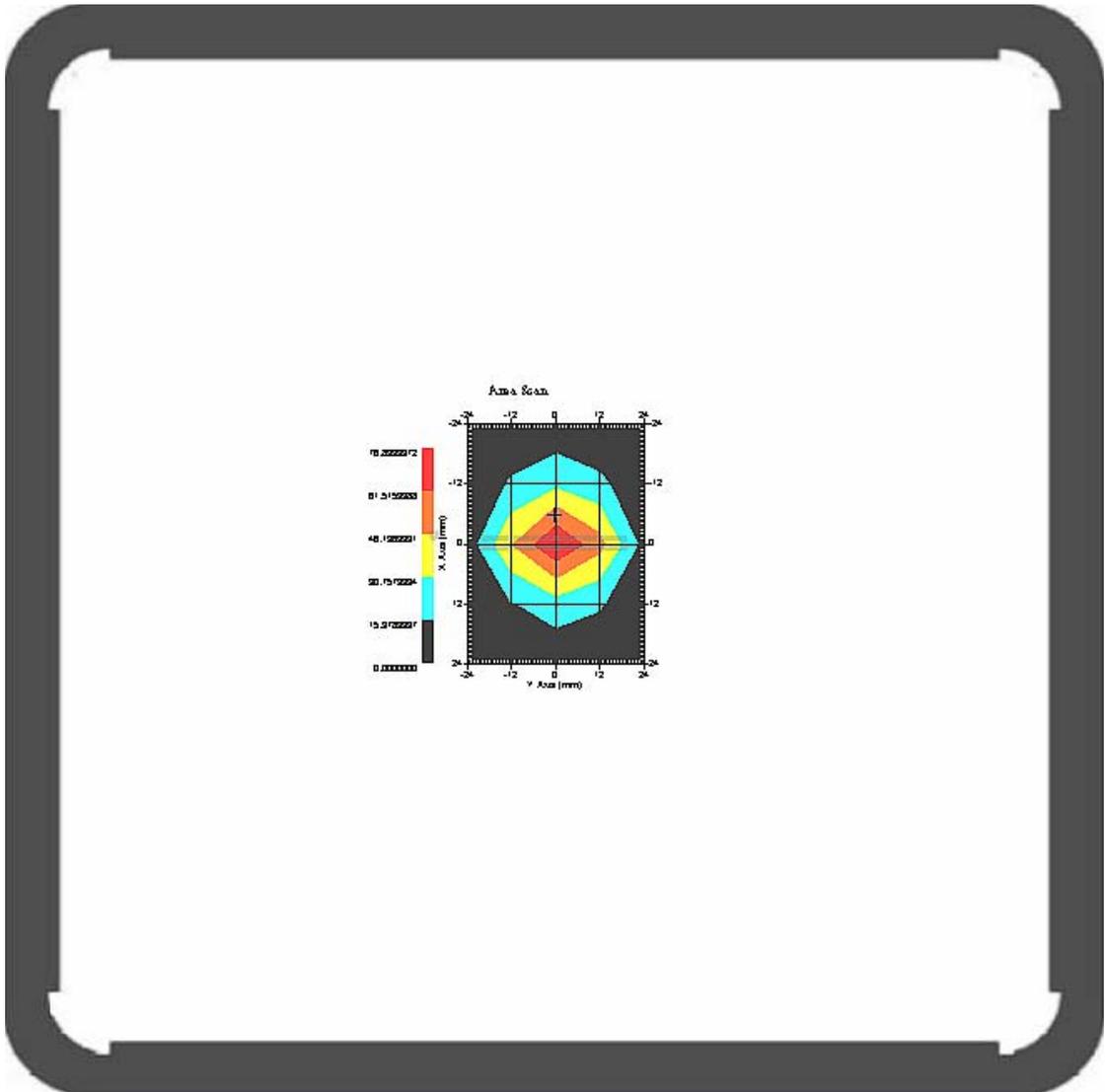
Probe Data

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. : 20.20 °C
Ambient Temp. : 20.70 °C
Area Scan : 5x5x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm
Power Drift-Start : 36.154 W/kg
Power Drift-Finish: 37.258 W/kg
Power Drift (%) : 3.053

Frequency : 2600 MHz



1 gram SAR value : 54.863 W/kg
10 gram SAR value : 24.004 W/kg
Area Scan Peak SAR : 76.889 W/kg
Zoom Scan Peak SAR : 133.112 W/kg

ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 17-Sep-2008

Measurement Date : 17-Sep-2008

Product Data

Device Name : Dipole-2600B

Type : Dipole

Frequency : 2600.00 MHz

Max. Transmit Pwr : 1 W

Length : 49.5 mm

Width : 3.6 mm

Depth : 30 mm

Antenna Type : Internal

Power Drift-Start : 35.524 W/kg

Power Drift-Finish: 35.983 W/kg

Power Drift (%) : 1.503

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 : 17-Sep-2008

Temperature : 20.20 °C

Ambient Temp. : 20.90 °C

Humidity : 49.00 RH%

Epsilon : 52.15 F/m

Sigma : 2.06 S/m

Density : 1000.00 kg/cu. m

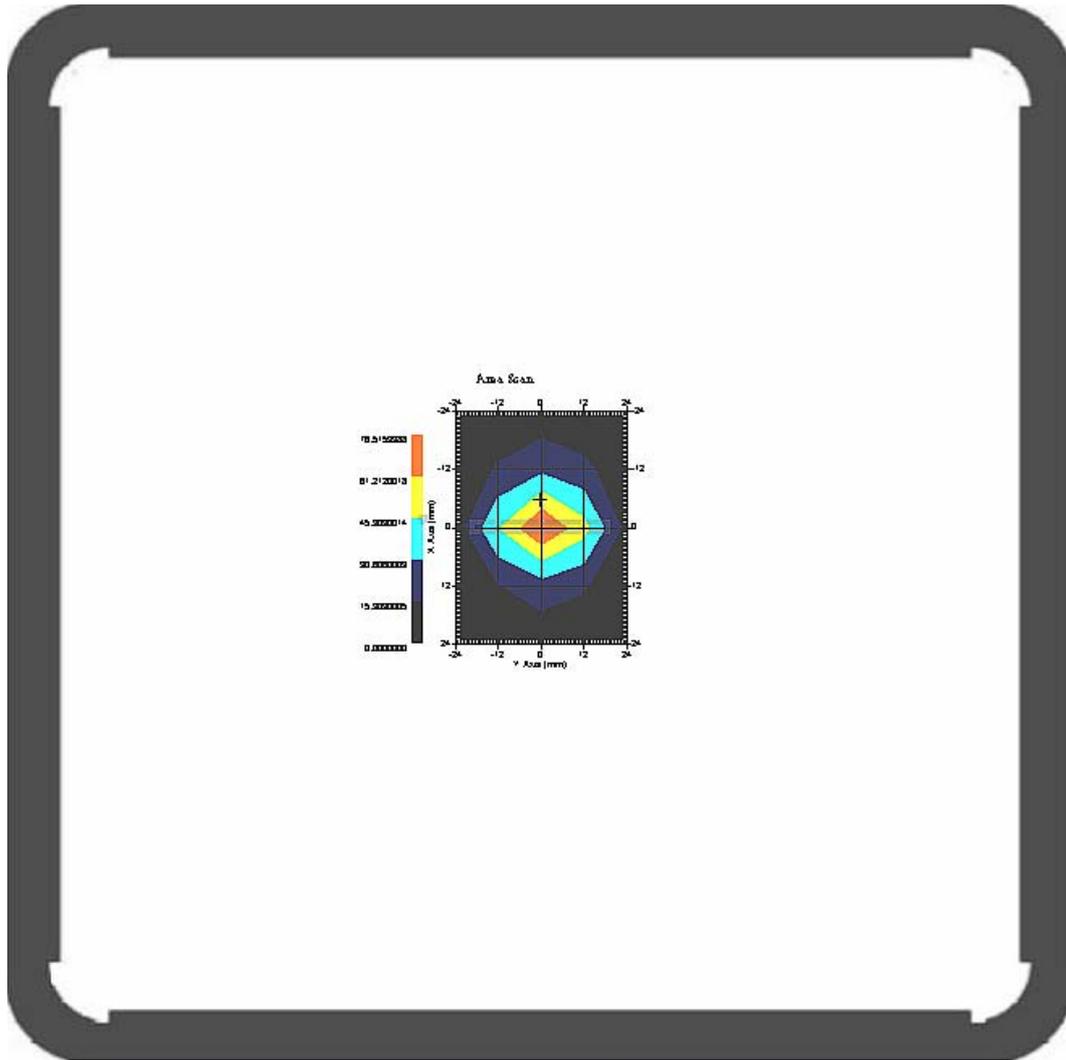
Probe Data

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. : 20.20 °C
Ambient Temp. : 20.90 °C
Area Scan : 5x5x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm

Frequency : 2600 MHz



1 gram SAR value : 55.124 W/kg
10 gram SAR value : 23.947 W/kg
Area Scan Peak SAR : 77.012 W/kg
Zoom Scan Peak SAR : 133.924 W/kg

ALSAS-10U VER 2.3.2

APREL Laboratories

SAR Test Report

Report Date : 26-Sep-2008

Measurement Date : 26-Sep-2008

Product Data

Device Name : Dipole-2600B

Serial No. : Validation

Type : Dipole

Model : Standard

Frequency : 2600.00 MHz

Max. Transmit Pwr : 1 W

Length : 49.5 mm

Width : 3.6 mm

Depth : 30 mm

Antenna Type : Internal

Orientation : Touch

Power Drift-Start : 34.452 W/kg

Power Drift-Finish: 34.853 W/kg

Power Drift (%) : 1.163

Picture :

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 : 26-Sep-2008

Temperature : 20.20 °C

Ambient Temp. : 20.90 °C

Humidity : 50.00 RH%

Epsilon : 52.21 F/m
Sigma : 2.05 S/m
Density : 1000.00 kg/cu. m

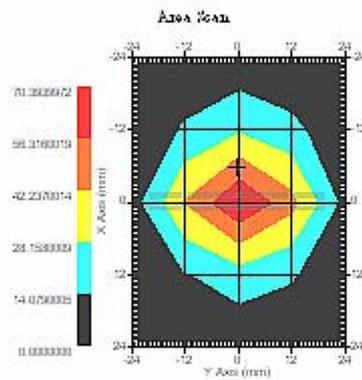
Probe Data

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

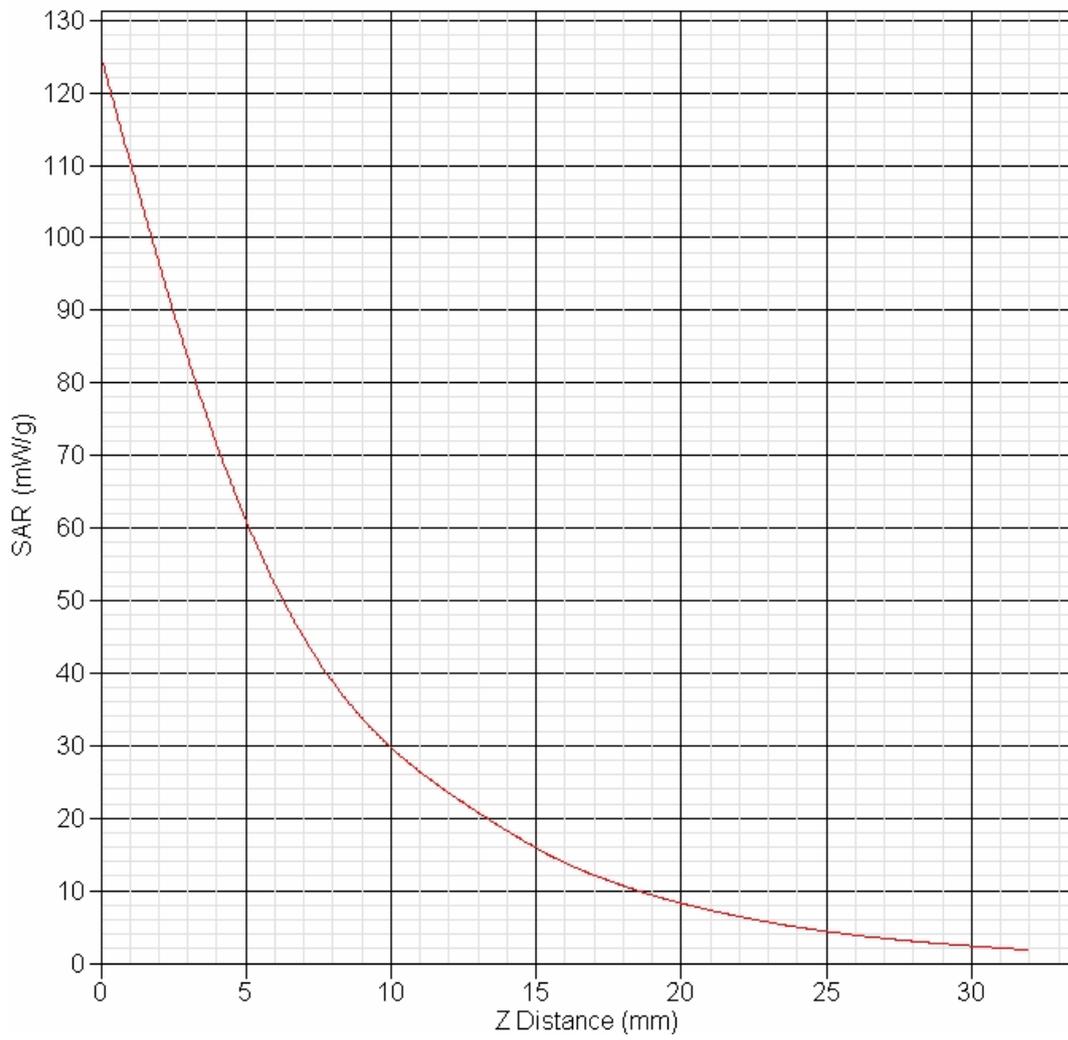
Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 20.20 °C
Ambient Temp. : 20.90 °C
Set-up Date : 26-Sep-2008
Area Scan : 5x5x1 : Measurement x=12mm, y=12mm, z=4mm
Zoom Scan : 7x7x7 : Measurement x=5mm, y=5mm, z=5mm

Frequency : 2600



1 gram SAR value : 58.011 W/kg
 10 gram SAR value : 23.294 W/kg
 Area Scan Peak SAR : 70.410 W/kg
 Zoom Scan Peak SAR : 125.101 W/kg

SAR-Z Axis
at Hotspot x:0.04 y:-0.01



Appendix B. SAR measurement Data

ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 06-Sep-2008

Measurement Date : 06-Sep-2008

Product Data

Device Name : ZTE

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 100 mm

Width : 44 mm

Depth : 13 mm

Antenna Type : Monopole

Power Drift-Start : 0.690 W/kg

Power Drift-Finish: 0.671 W/kg

Power Drift (%) : -2.637

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 : 06-Sep-2008

Temperature : 20.20 °C

Ambient Temp. : 20.70 °C

Humidity : 51.00 RH%

Epsilon : 52.32 F/m

Sigma : 2.06 S/m
Density : 1000.00 kg/cu. m

Probe Data

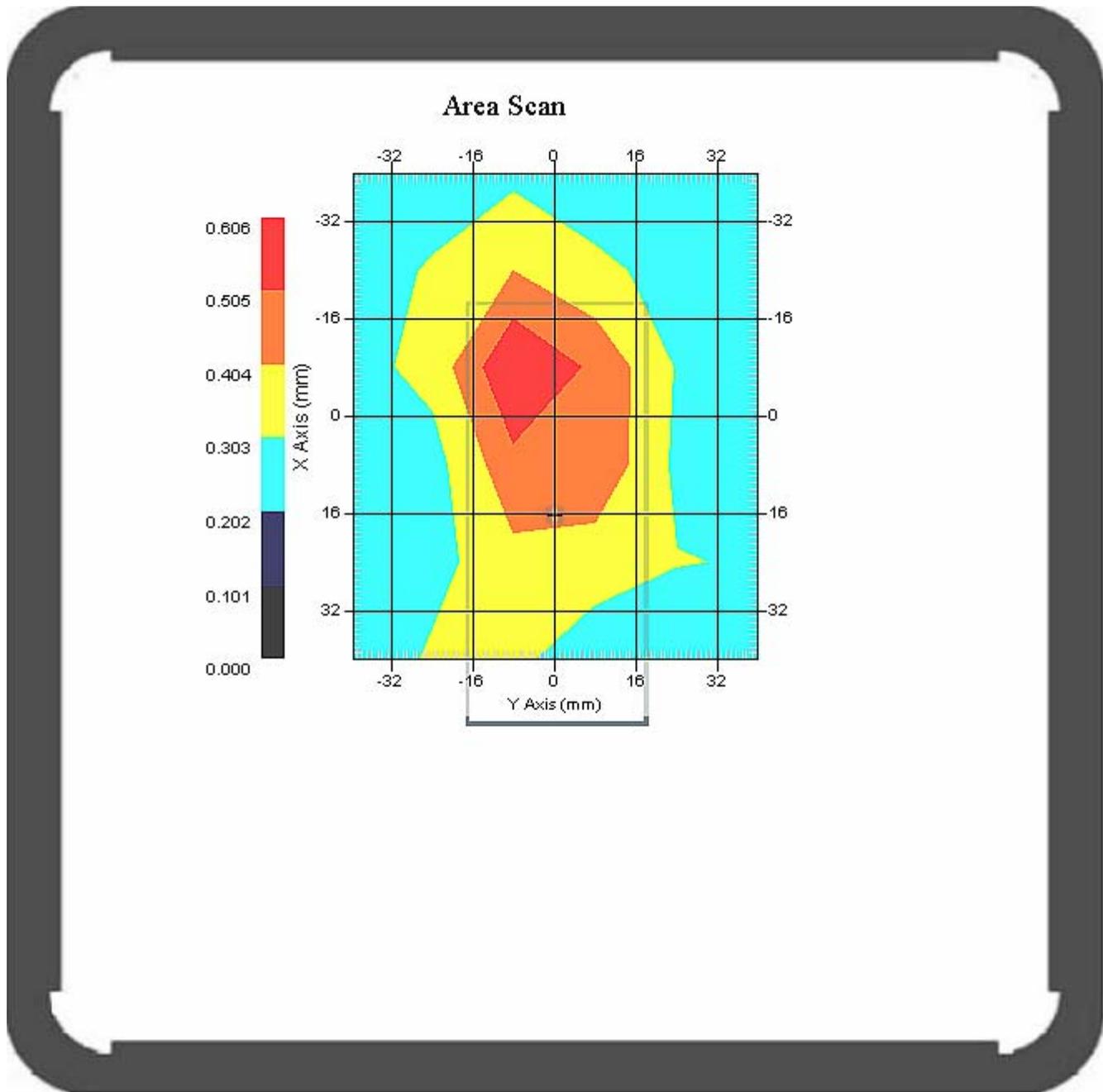
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 4
Scan Type : Complete
Temperature : 20.20 °C
Ambient Temp. : 20.70 °C
Set-up Date : 06-Sep-2008
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

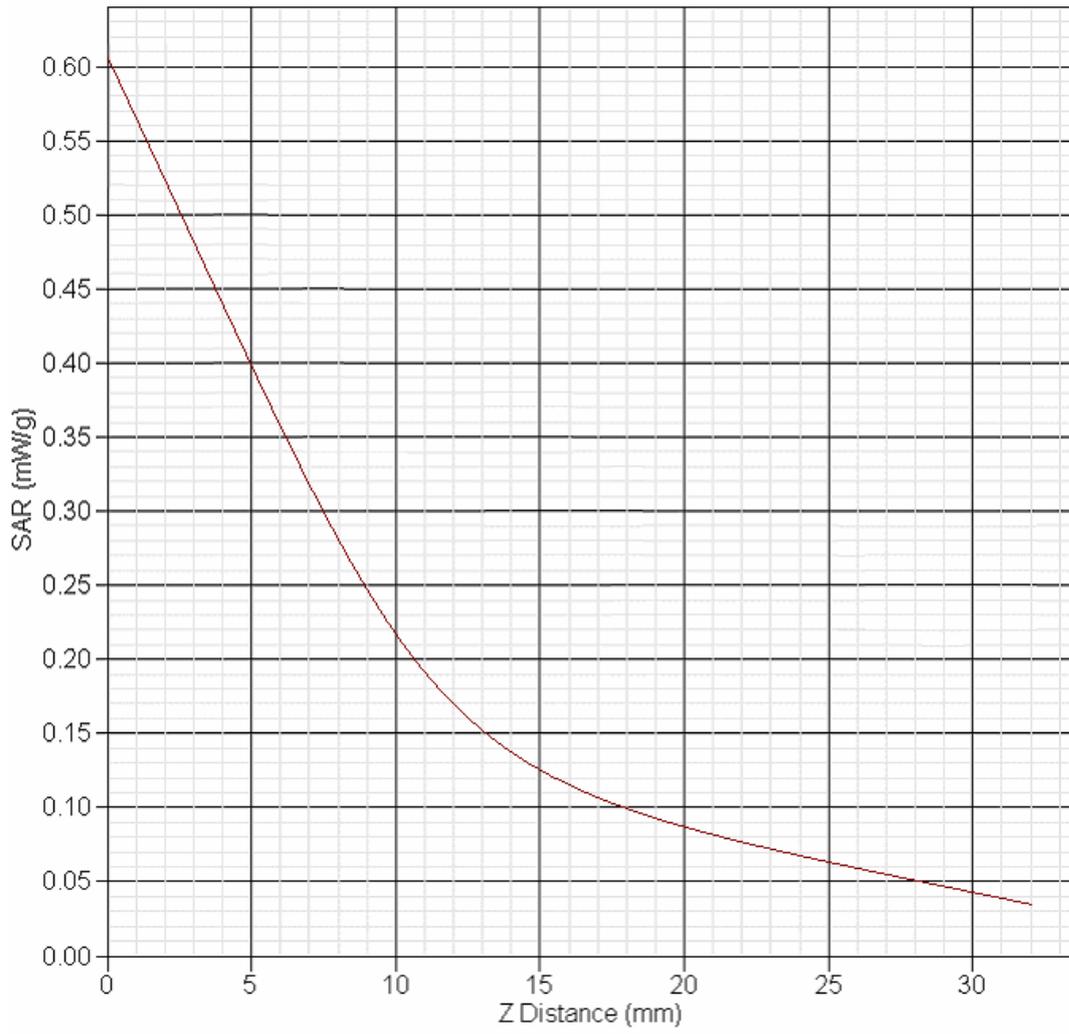
Other Data

DUT Position : Position 1, Antenna 0 degree, 5MHz QPSK
Separation : 0.4cm
Channel : 2687



1 gram SAR value : 0.427 W/kg
10 gram SAR value : 0.326 W/kg
Area Scan Peak SAR : 0.606 W/kg
Zoom Scan Peak SAR : 0.610 W/kg

SAR-Z Axis
at Hotspot x=2.07 y=-8.01



ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 06-Sep-2008

Measurement Date : 06-Sep-2008

Product Data

Device Name : ZTE

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 100 mm

Width : 44 mm

Depth : 13 mm

Antenna Type : Monopole

Power Drift-Start : 0.453 W/kg

Power Drift-Finish: 0.458 W/kg

Power Drift (%) : 1.193

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 : 06-Sep-2008

Temperature : 20.20 °C

Ambient Temp. : 20.70 °C

Humidity : 51.00 RH%

Epsilon : 52.32 F/m

Sigma : 2.06 S/m

Density : 1000.00 kg/cu. m

Probe Data

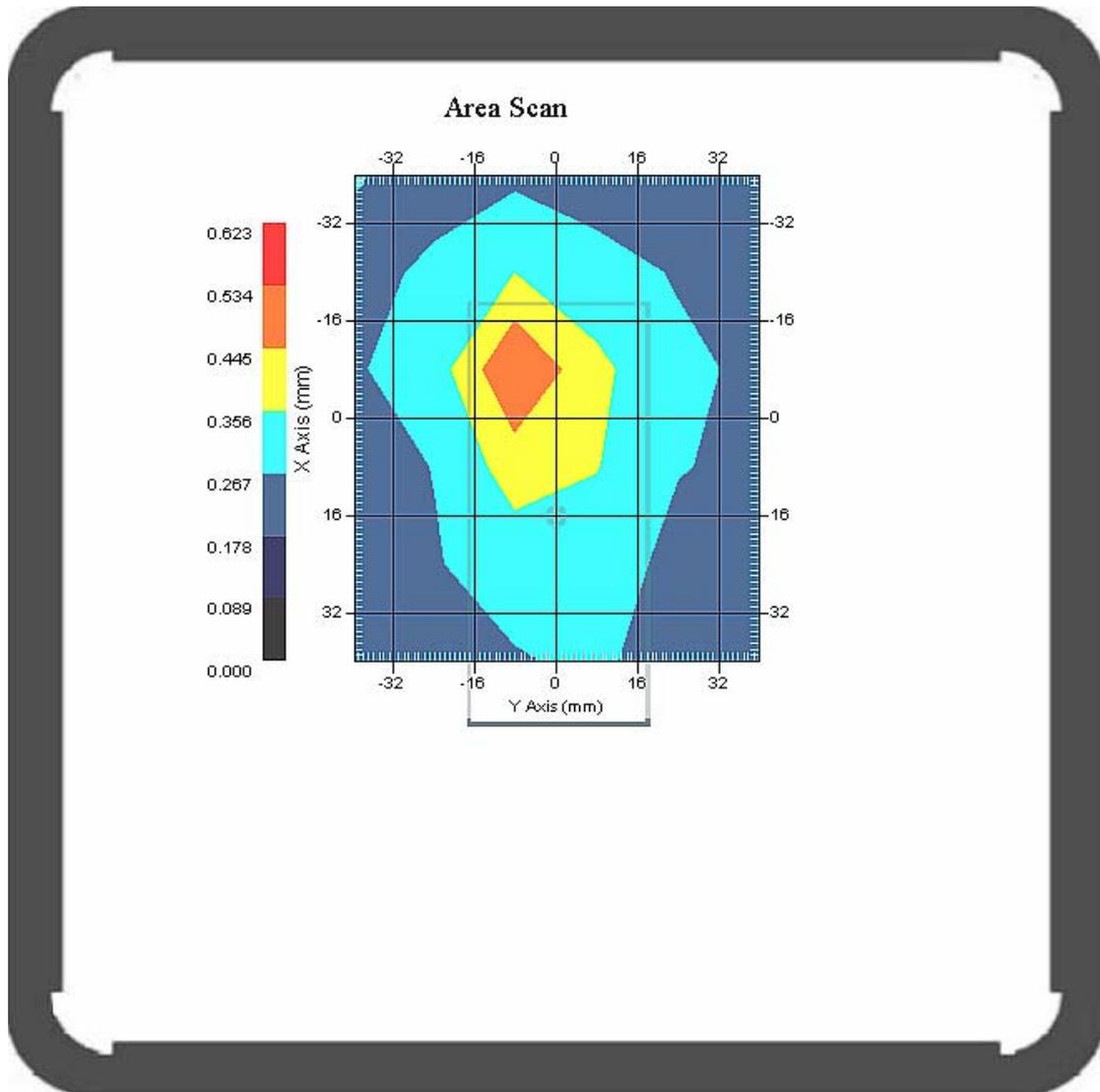
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 4
Scan Type : Complete
Temperature : 20.20 °C
Ambient Temp. : 20.70 °C
Set-up Date : 06-Sep-2008
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

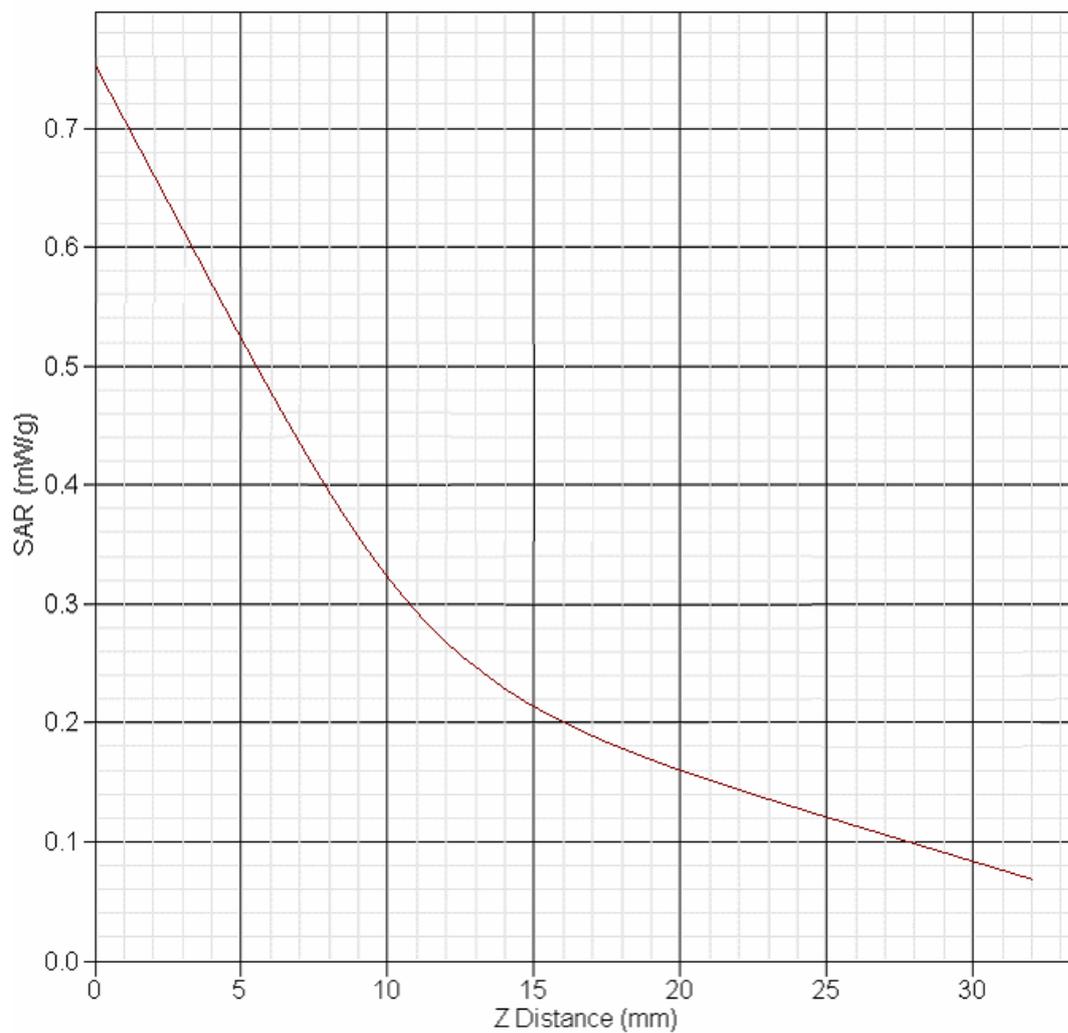
Other Data

DUT Position : Position 1, Antenna 90 degree, 5MHz QPSK
Separation : 0.4cm
Channel : 2499



1 gram SAR value : 0.438 W/kg
10 gram SAR value : 0.350 W/kg
Area Scan Peak SAR : 0.535 W/kg
Zoom Scan Peak SAR : 0.760 W/kg

SAR-Z Axis
at Hotspot x:2.14 y:-8.01



ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 06-Sep-2008

Measurement Date : 06-Sep-2008

Product Data

Device Name : ZTE

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 100 mm

Width : 44 mm

Depth : 13 mm

Antenna Type : Monopole

Power Drift-Start : 0.638 W/kg

Power Drift-Finish: 0.626 W/kg

Power Drift (%) : -1.962

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 : 06-Sep-2008

Temperature : 20.20 °C

Ambient Temp. : 20.70 °C

Humidity : 51.00 RH%

Epsilon : 52.32 F/m

Sigma : 2.06 S/m

Density : 1000.00 kg/cu. m

Probe Data

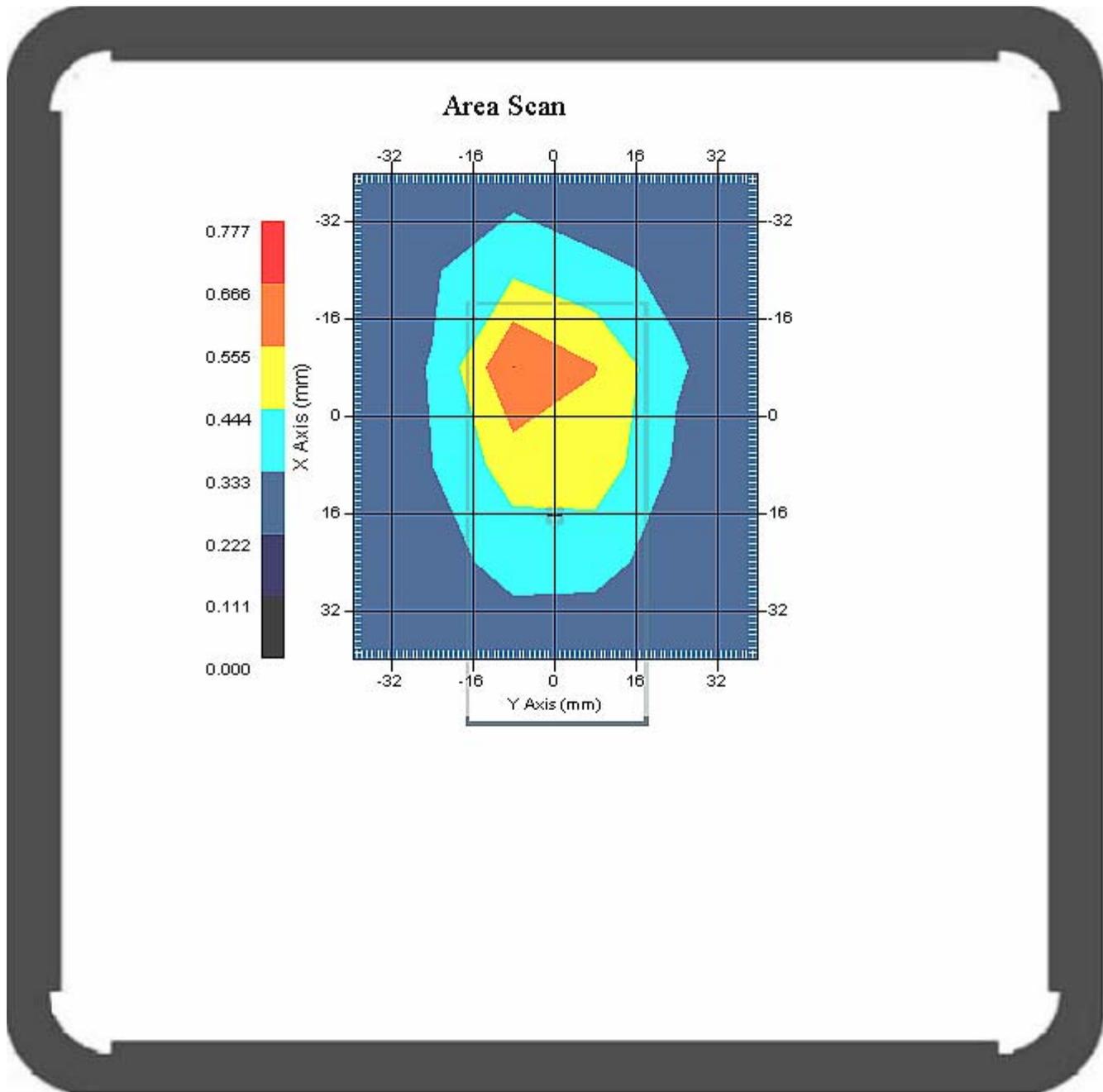
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 4
Scan Type : Complete
Temperature : 20.20 °C
Ambient Temp. : 20.70 °C
Set-up Date : 06-Sep-2008
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

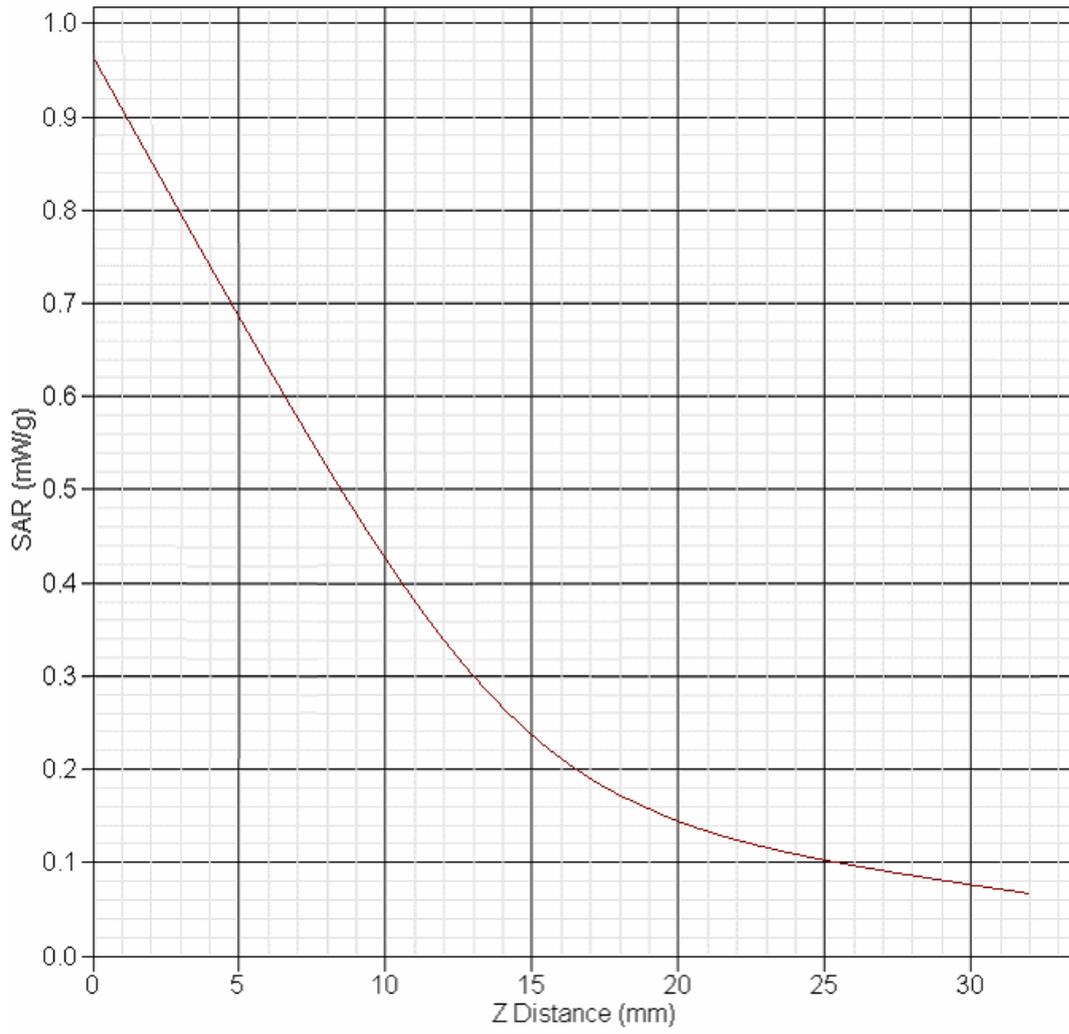
Other Data

DUT Position : Position 1, Antenna 90 degree, 5MHz QPSK
Separation : 0.4cm
Channel : 2600



1 gram SAR value : 0.557 W/kg
10 gram SAR value : 0.425 W/kg
Area Scan Peak SAR : 0.668 W/kg
Zoom Scan Peak SAR : 0.970 W/kg

SAR-Z Axis
at Hotspot x2.15 y:-8.01



ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 06-Sep-2008

Measurement Date : 06-Sep-2008

Product Data

Device Name : ZTE

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 100 mm

Width : 44 mm

Depth : 13 mm

Antenna Type : Monopole

Power Drift-Start : 0.683 W/kg

Power Drift-Finish: 0.663 W/kg

Power Drift (%) : -2.931

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 : 06-Sep-2008

Temperature : 20.20 °C

Ambient Temp. : 20.70 °C

Humidity : 51.00 RH%

Epsilon : 52.32 F/m

Sigma : 2.06 S/m

Density : 1000.00 kg/cu. m

Probe Data

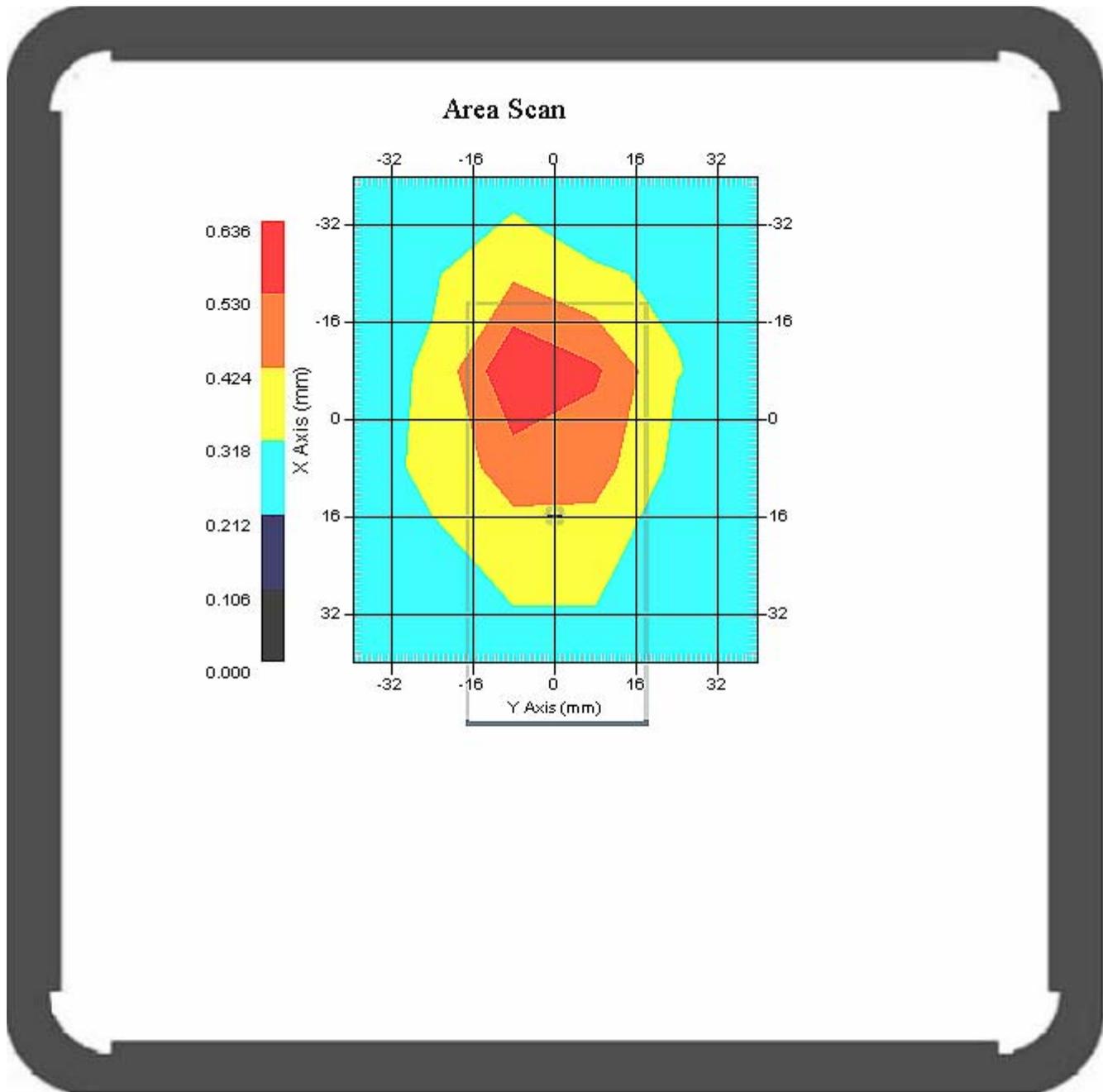
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 4
Scan Type : Complete
Temperature : 20.20 °C
Ambient Temp. : 20.70 °C
Set-up Date : 06-Sep-2008
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

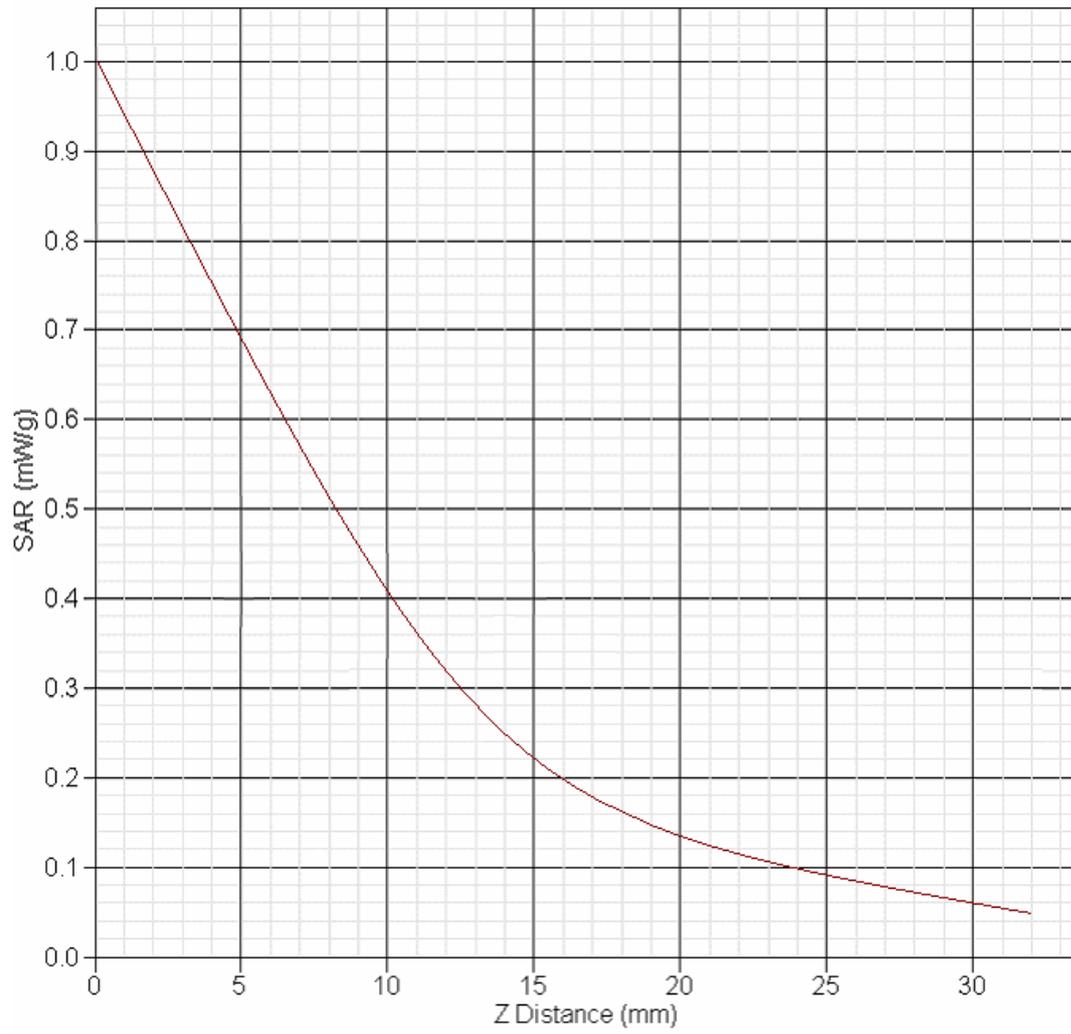
DUT Position : Position 1, Antenna 90 degree, 5MHz QPSK
Separation : 0.4cm
Channel : 2687



1 gram SAR value : 0.596 W/kg
10 gram SAR value : 0.439 W/kg
Area Scan Peak SAR : 0.636 W/kg
Zoom Scan Peak SAR : 1.010 W/kg

SAR-Z Axis

at Hotspot x:10.13 y:-0.01



ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 06-Sep-2008

Measurement Date : 06-Sep-2008

Product Data

Device Name : ZTE

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 100 mm

Width : 44 mm

Depth : 13 mm

Antenna Type : Monopole

Power Drift-Start : 0.467 W/kg

Power Drift-Finish: 0.455 W/kg

Power Drift (%) : -2.696

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 : 06-Sep-2008

Temperature : 20.20 °C

Ambient Temp. : 20.70 °C

Humidity : 51.00 RH%

Epsilon : 52.32 F/m

Sigma : 2.06 S/m

Density : 1000.00 kg/cu. m

Probe Data

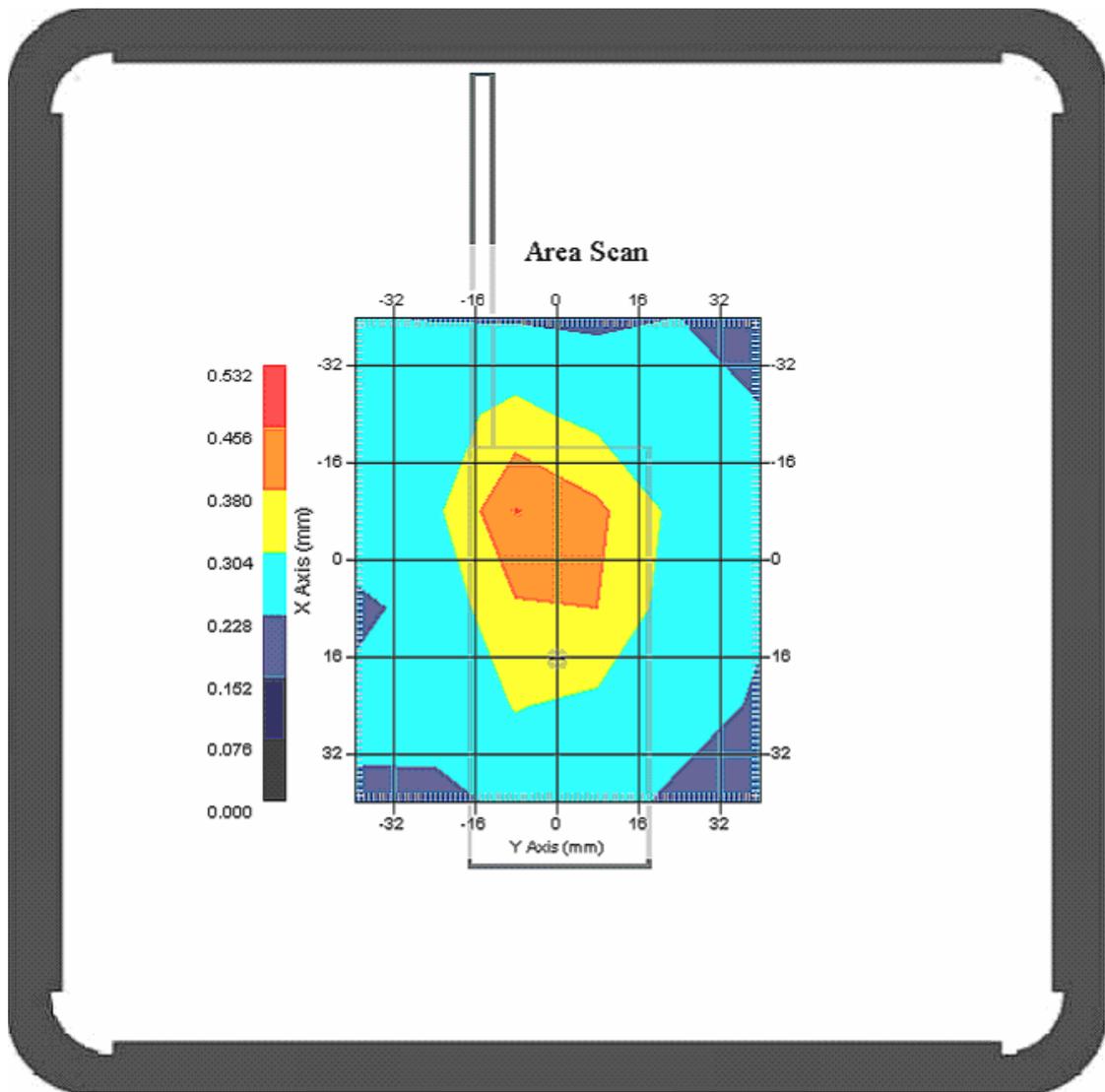
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 4
Scan Type : Complete
Temperature : 20.20 °C
Ambient Temp. : 20.70 °C
Set-up Date : 06-Sep-2008
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

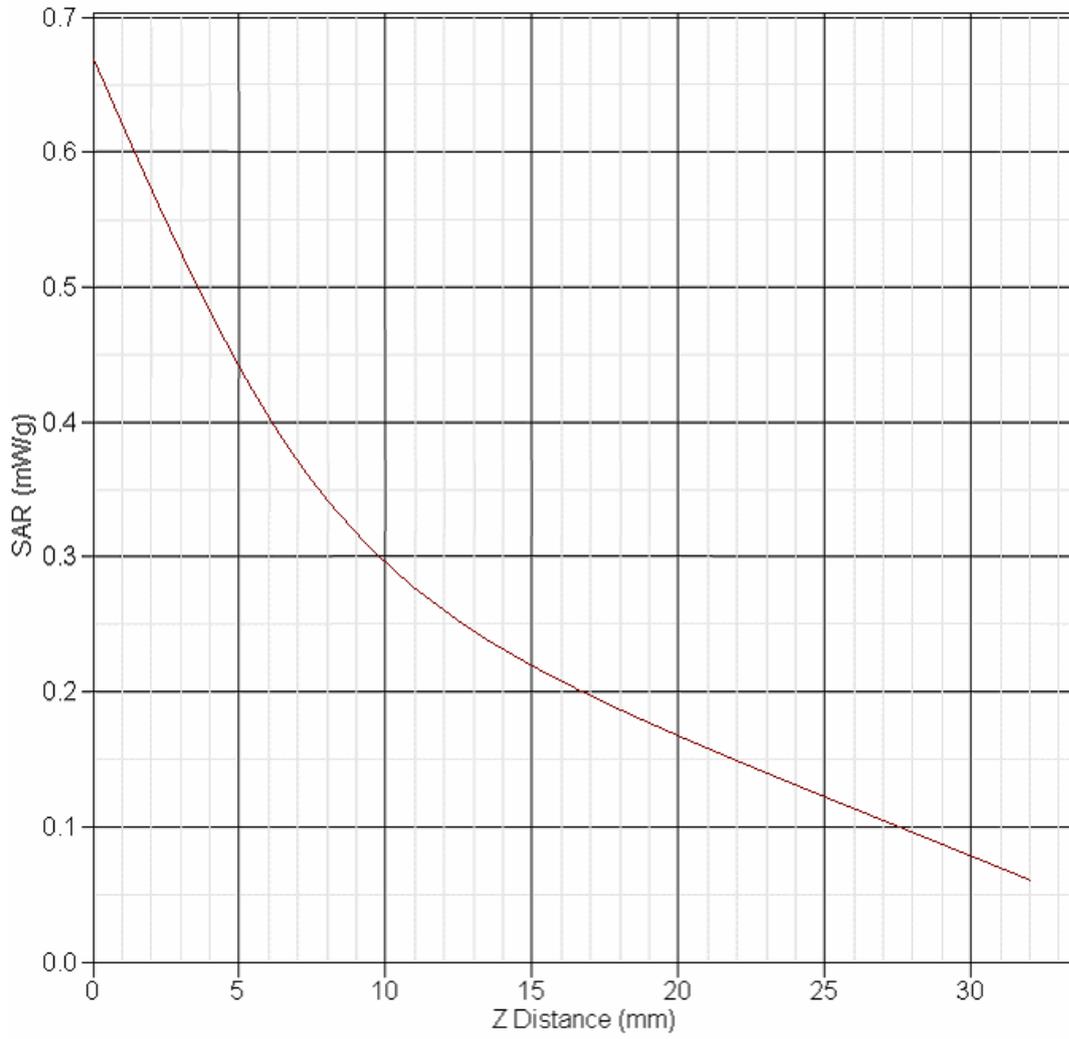
DUT Position : Position 1, Antenna 180 degree, 5MHz QPSK
Separation : 0.4cm
Channel : 2687



1 gram SAR value : 0.433 W/kg
10 gram SAR value : 0.342 W/kg
Area Scan Peak SAR : 0.459 W/kg
Zoom Scan Peak SAR : 0.670 W/kg

SAR-Z Axis

at Hotspot x:10.15 y:-0.01



ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 06-Sep-2008

Measurement Date : 06-Sep-2008

Product Data

Device Name : ZTE

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 100 mm

Width : 44 mm

Depth : 13 mm

Antenna Type : Monopole

Power Drift-Start : 0.652 W/kg

Power Drift-Finish: 0.640 W/kg

Power Drift (%) : -1.796

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 : 06-Sep-2008

Temperature : 20.20 °C

Ambient Temp. : 20.70 °C

Humidity : 51.00 RH%

Epsilon : 52.32 F/m

Sigma : 2.06 S/m

Density : 1000.00 kg/cu. m

Probe Data

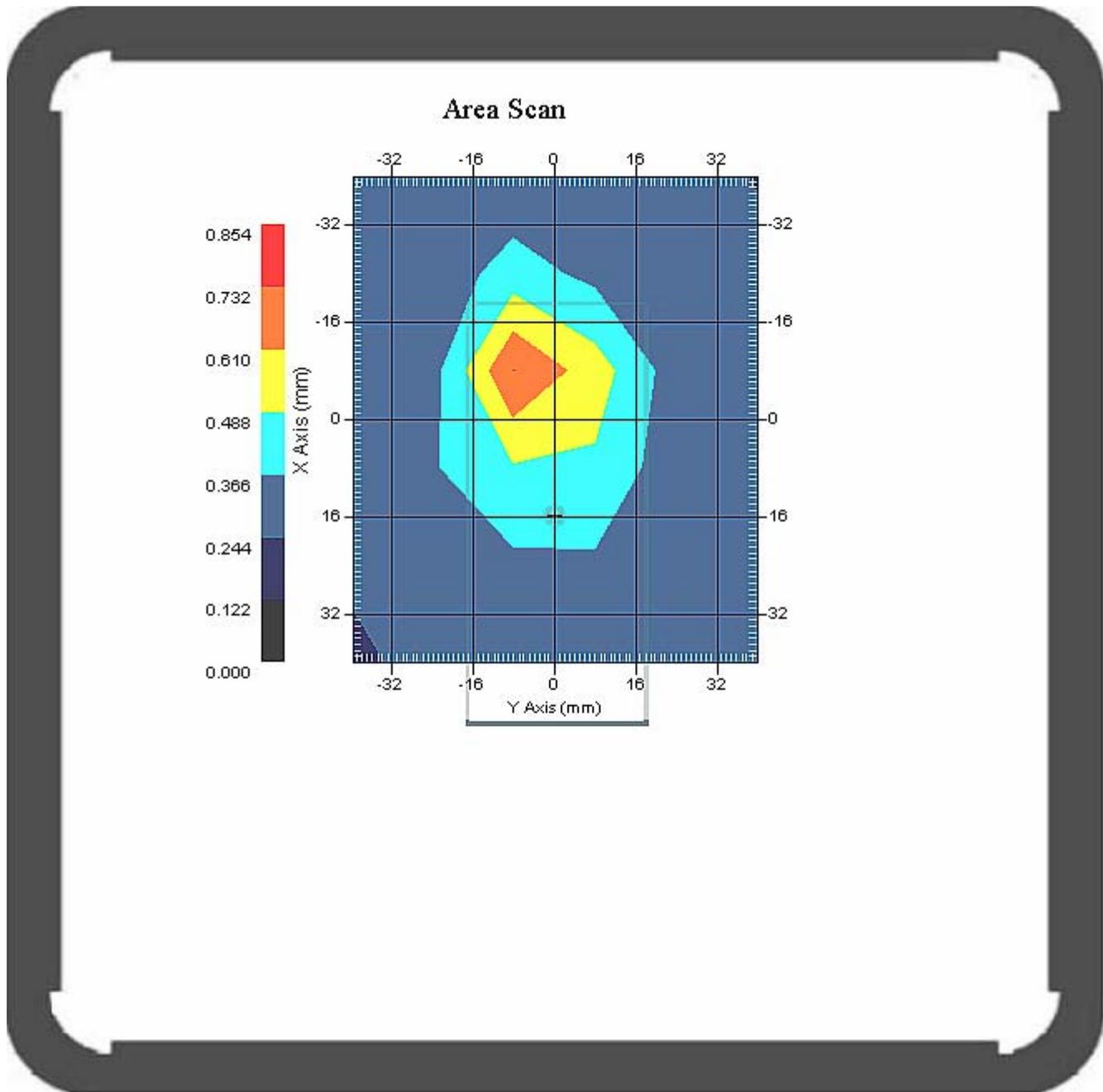
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 4
Scan Type : Complete
Tissue Temp. : 20.20 °C
Ambient Temp. : 20.70 °C
Set-up Date : 06-Sep-2008
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

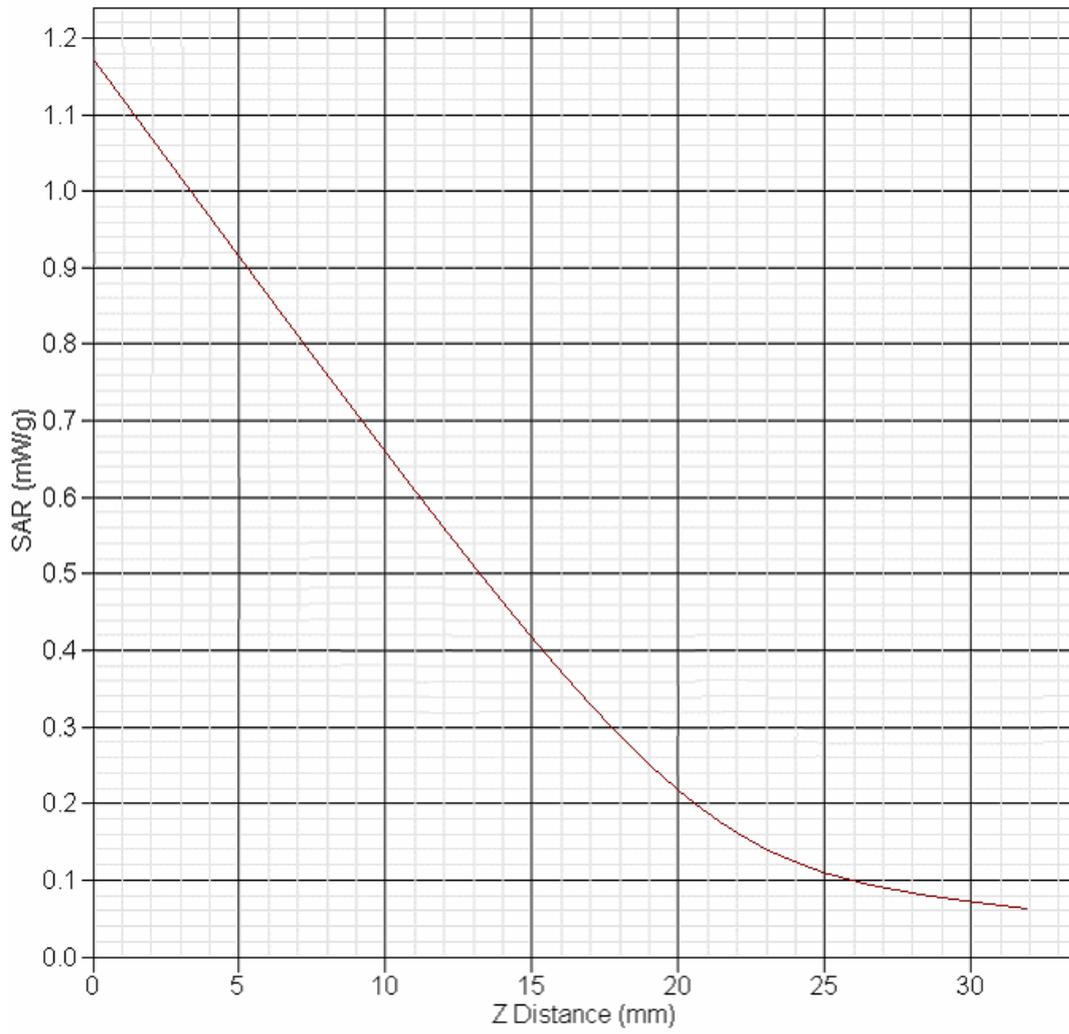
Other Data

DUT Position : Position 1, Antenna 0 degree, 10MHz QPSK
Separation : 0.4cm
Channel : 2685



1 gram SAR value : 0.636 W/kg
10 gram SAR value : 0.464 W/kg
Area Scan Peak SAR : 0.734 W/kg
Zoom Scan Peak SAR : 1.181 W/kg

SAR-Z Axis
at Hotspot x2.13 y:-8.01



ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 06-Sep-2008

Measurement Date : 06-Sep-2008

Product Data

Device Name : ZTE

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 100 mm

Width : 44 mm

Depth : 13 mm

Antenna Type : Monopole

Power Drift-Start : 0.639 W/kg

Power Drift-Finish: 0.627 W/kg

Power Drift (%) : -1.865

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 : 06-Sep-2008

Temperature : 20.20 °C

Ambient Temp. : 20.70 °C

Humidity : 51.00 RH%

Epsilon : 52.32 F/m

Sigma : 2.06 S/m

Density : 1000.00 kg/cu. m

Probe Data

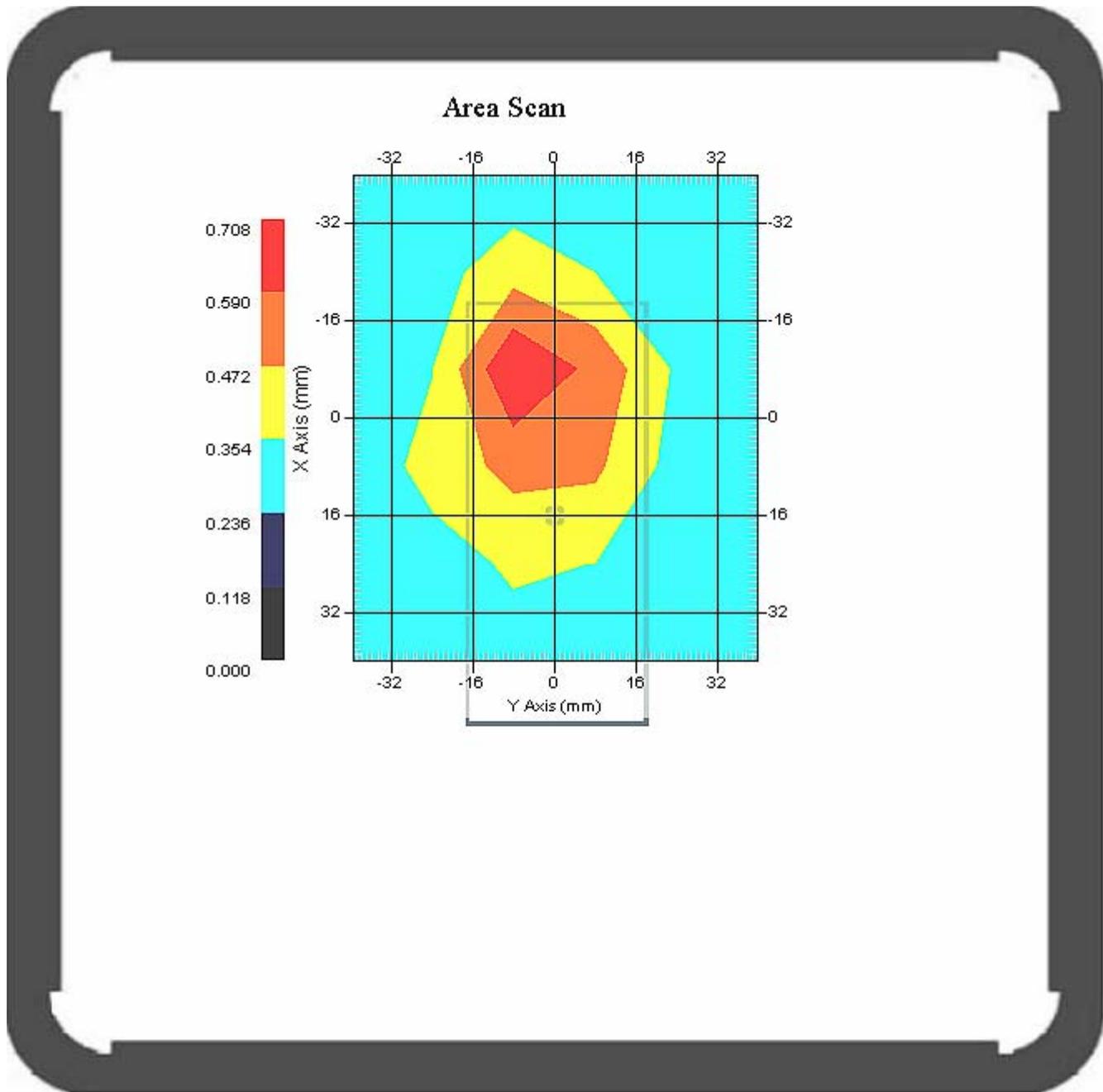
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 4
Scan Type : Complete
Tissue Temp. : 20.20 °C
Ambient Temp. : 20.70 °C
Set-up Date : 06-Sep-2008
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

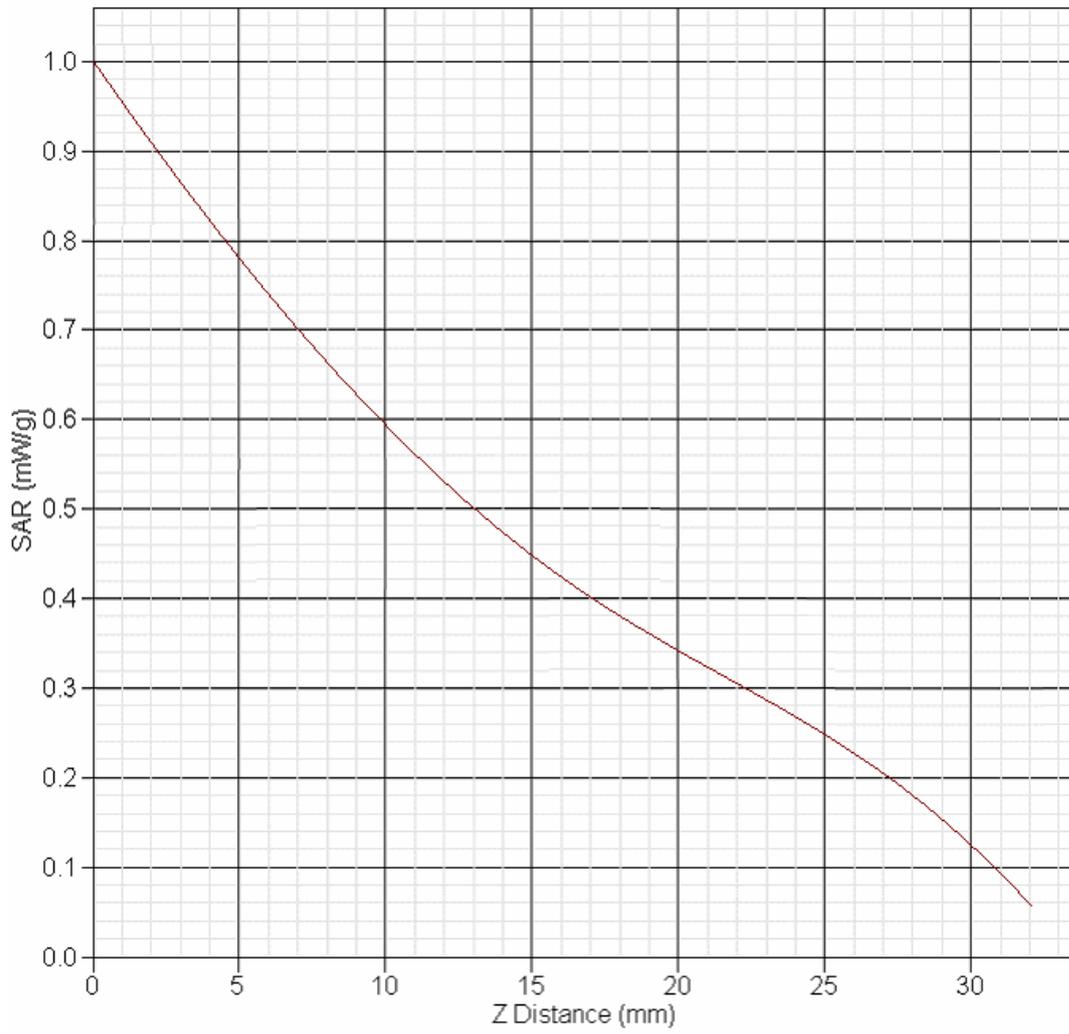
Other Data

DUT Position : Position 1, Antenna 90 degree, 10MHz QPSK
Separation : 0.4cm
Channel : 2501



1 gram SAR value : 0.603 W/kg
10 gram SAR value : 0.441 W/kg
Area Scan Peak SAR : 0.707 W/kg
Zoom Scan Peak SAR : 1.010 W/kg

SAR-Z Axis
at Hotspot x2.15 y:-8.01



ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 06-Sep-2008

Measurement Date : 06-Sep-2008

Product Data

Device Name : ZTE

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 100 mm

Width : 44 mm

Depth : 13 mm

Antenna Type : Monopole

Power Drift-Start : 0.691 W/kg

Power Drift-Finish: 0.672 W/kg

Power Drift (%) : -2.761

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 : 06-Sep-2008

Temperature : 20.20 °C

Ambient Temp. : 20.70 °C

Humidity : 51.00 RH%

Epsilon : 52.32 F/m

Sigma : 2.06 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: 4
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

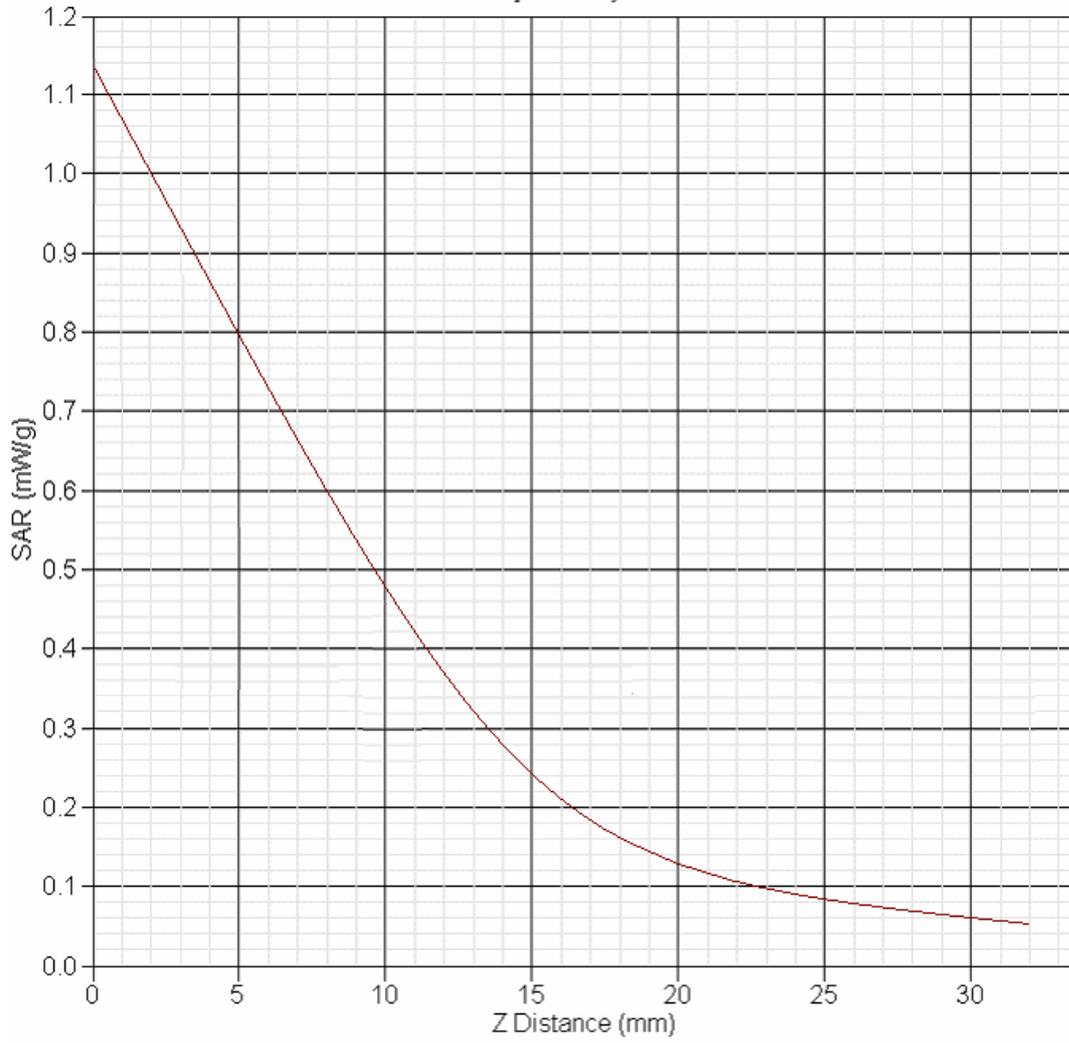
Crest Factor : 4
Scan Type : Complete
Tissue Temp. : 20.20 °C
Ambient Temp. : 20.70 °C
Set-up Date : 06-Sep-2008
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Position 1, Antenna 90 degree, 10MHz QPSK
Separation : 0.4cm
Channel : 2600

SAR-Z Axis

at Hotspot x:2.13 y:-16.02



ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 06-Sep-2008

Measurement Date : 06-Sep-2008

Product Data

Device Name : ZTE

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 100 mm

Width : 44 mm

Depth : 13 mm

Antenna Type : Monopole

Power Drift-Start : 0.778 W/kg

Power Drift-Finish: 0.756 W/kg

Power Drift (%) : -2.891

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 : 06-Sep-2008

Temperature : 20.20 °C

Ambient Temp. : 20.70 °C

Humidity : 51.00 RH%

Epsilon : 52.32 F/m

Sigma : 2.06 S/m

Density : 1000.00 kg/cu. m

Probe Data

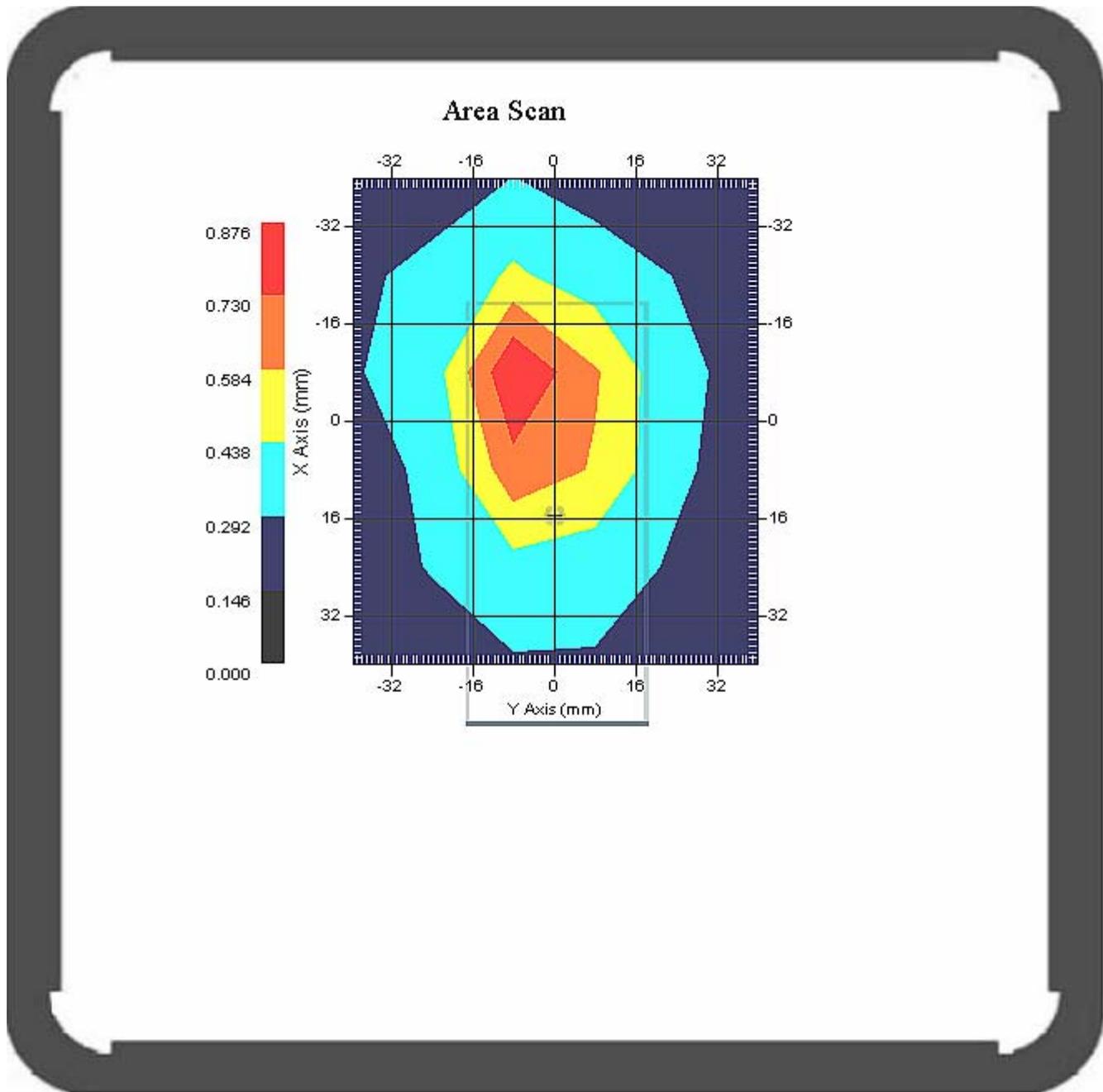
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 4
Scan Type : Complete
Tissue Temp. : 20.20 °C
Ambient Temp. : 20.70 °C
Set-up Date : 06-Sep-2008
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

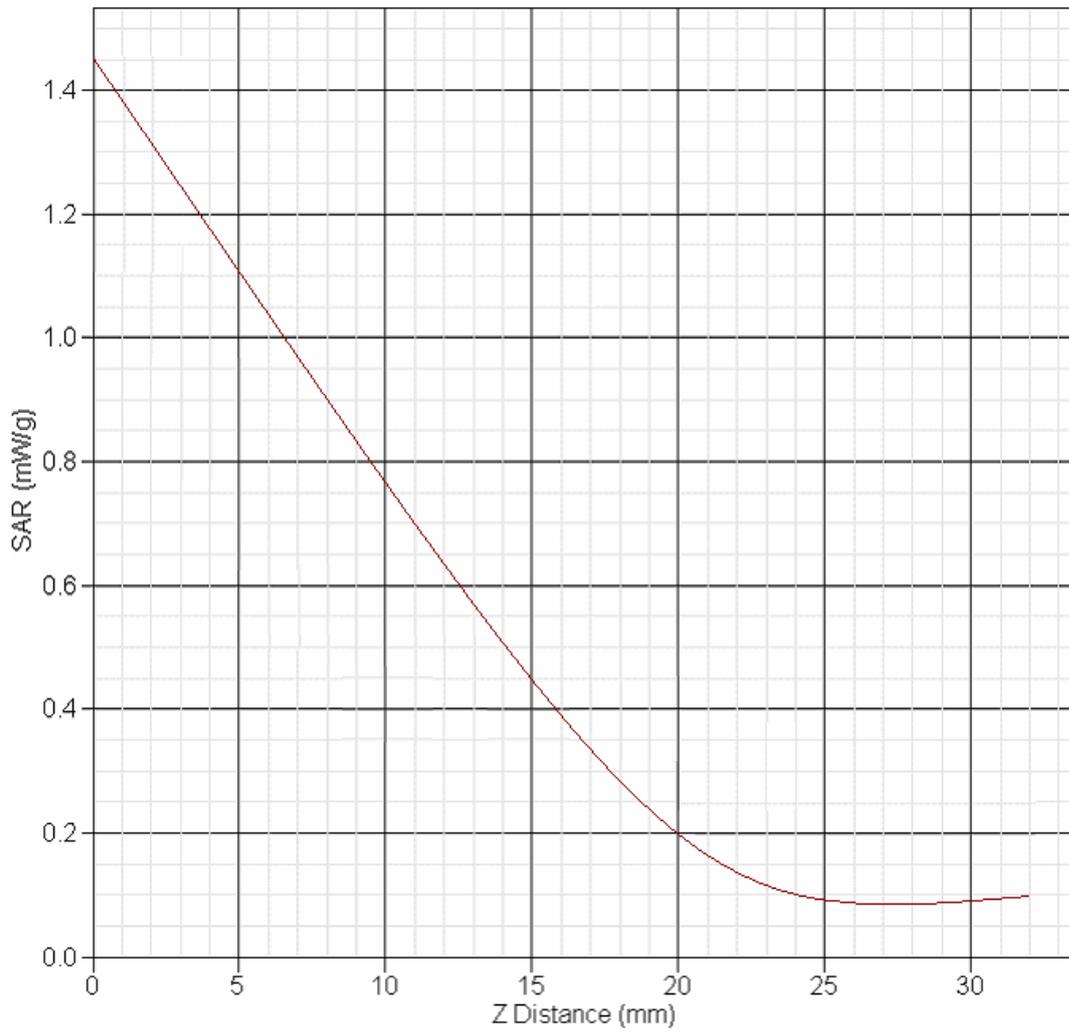
Other Data

DUT Position : Position 1, Antenna 90 degree, 10MHz QPSK
Separation : 0.4cm
Channel : 2685



1 gram SAR value : 0.805 W/kg
10 gram SAR value : 0.513 W/kg
Area Scan Peak SAR : 0.874 W/kg
Zoom Scan Peak SAR : 1.461 W/kg

SAR-Z Axis
at Hotspot x2.11 y:-8.01



ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 06-Sep-2008

Measurement Date : 06-Sep-2008

Product Data

Device Name : ZTE

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 100 mm

Width : 44 mm

Depth : 13 mm

Antenna Type : Monopole

Power Drift-Start : 0.690 W/kg

Power Drift-Finish: 0.668 W/kg

Power Drift (%) : -3.108

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 : 06-Sep-2008

Temperature : 20.20 °C

Ambient Temp. : 20.70 °C

Humidity : 51.00 RH%

Epsilon : 52.32 F/m

Sigma : 2.06 S/m

Density : 1000.00 kg/cu. m

Probe Data

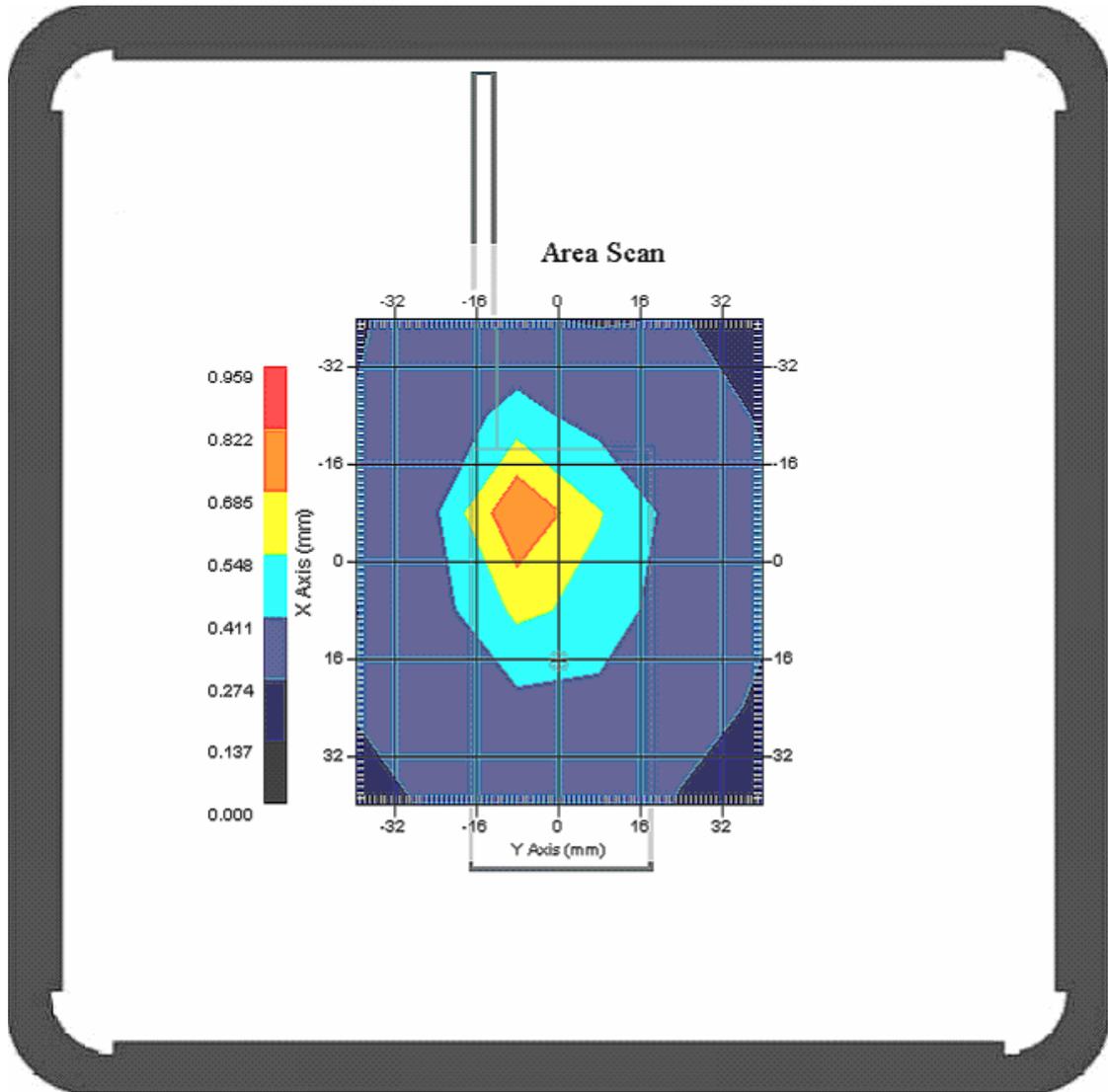
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 4
Scan Type : Complete
Tissue Temp. : 20.20 °C
Ambient Temp. : 20.70 °C
Set-up Date : 06-Sep-2008
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

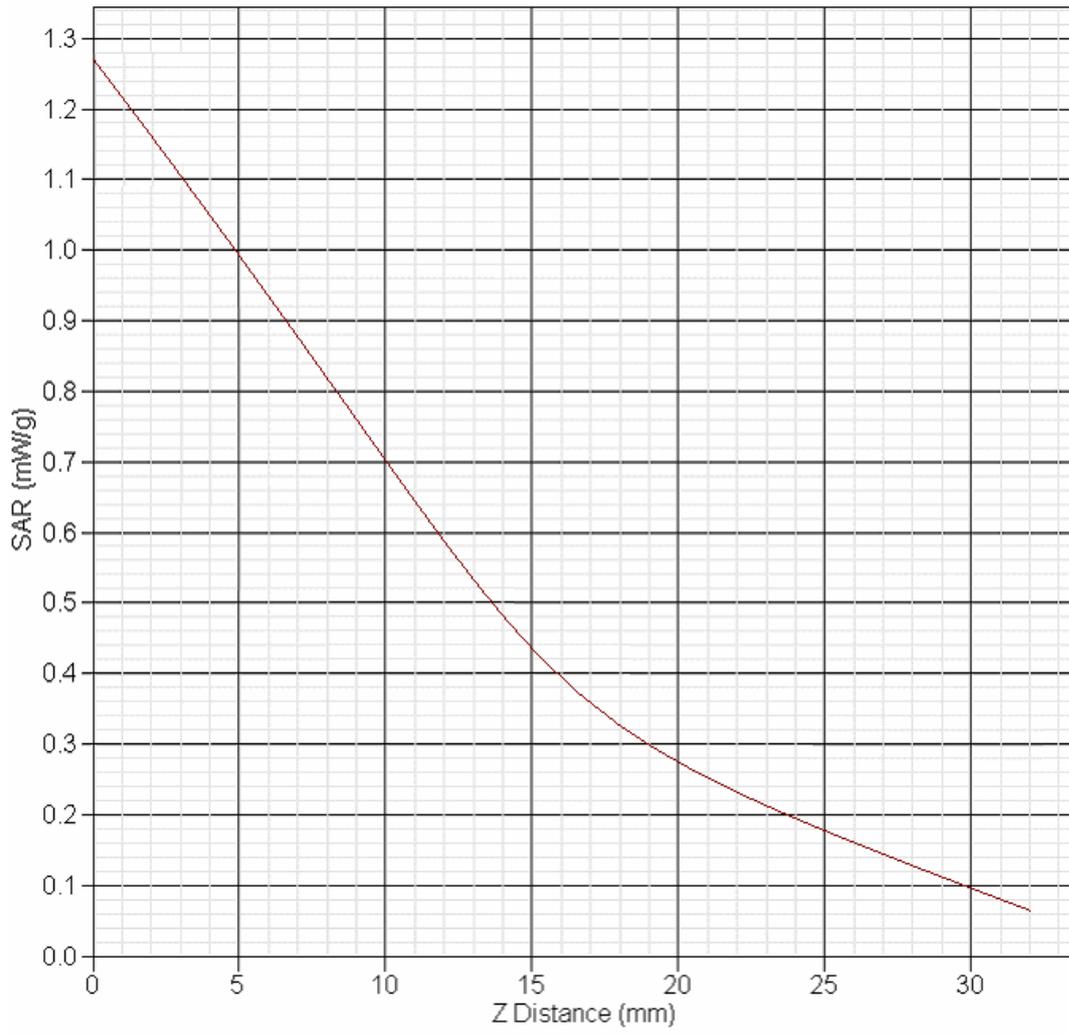
Other Data

DUT Position : Position 1, Antenna 180 degree, 10MHz QPSK
Separation : 0.4cm
Channel : 2685



1 gram SAR value : 0.746 W/kg
10 gram SAR value : 0.506 W/kg
Area Scan Peak SAR : 0.823 W/kg
Zoom Scan Peak SAR : 1.281 W/kg

SAR-Z Axis
at Hotspot x2.13 y:-8.01



ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 11-Sep-2008

Measurement Date : 11-Sep-2008

Product Data

Device Name : ZTE

Serial No. : TU25

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 80 mm

Width : 35 mm

Depth : 11 mm

Antenna Type : Monopole

Power Drift-Start : 0.347 W/kg

Power Drift-Finish: 0.350 W/kg

Power Drift (%) : 0.864

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 : 11-Sep-2008

Temperature : 20.20 °C

Ambient Temp. : 20.70 °C

Humidity : 51.00 RH%

Epsilon : 52.33 F/m

Sigma : 2.05 S/m

Density : 1000.00 kg/cu. m

Probe Data

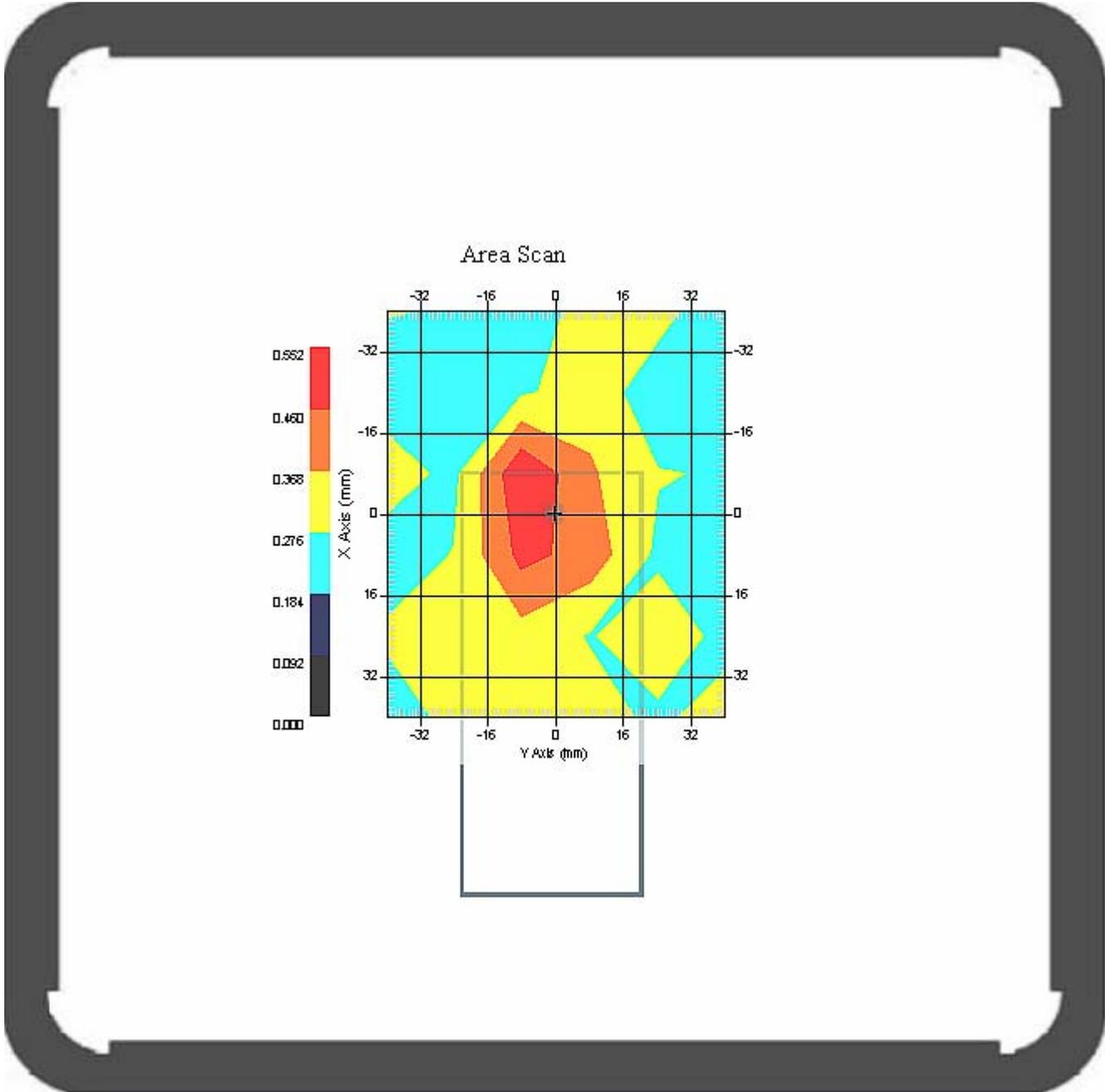
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 4
Scan Type : Complete
Tissue Temp. : 20.20 °C
Ambient Temp. : 20.70 °C
Set-up Date : 11-Sep-2008
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

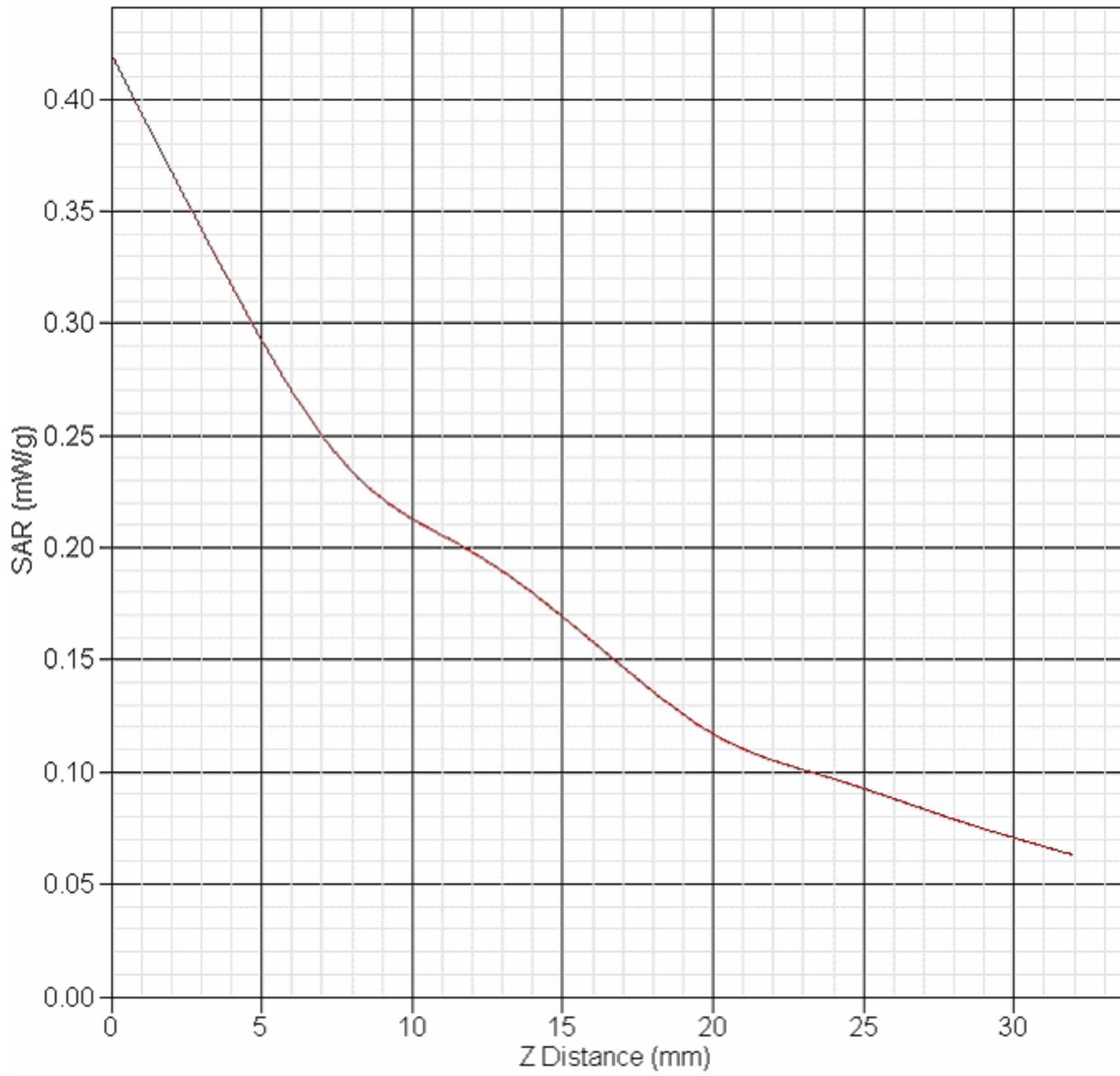
Other Data

DUT Position : Position 1, antenna 0 degree, 5MHz, 16QAM
Separation : 0.4cm
Channel : 2685



1 gram SAR value : 0.404 W/kg
10 gram SAR value : 0.257 W/kg
Area Scan Peak SAR : 0.485 W/kg
Zoom Scan Peak SAR : 0.493 W/kg

SAR-Z Axis
at Hotspot x0.04 y.-6.00



ALSAS-10U VER 2.3.6
APREL Laboratories

SAR Test Report

Report Date : 06-Sep-2008
Measurement Date : 06-Sep-2008

Product Data

Device Name : ZTE
Type : Other
Model : TU25
Frequency : 2600.00 MHz
Length : 80 mm
Width : 35 mm
Depth : 11 mm
Antenna Type : Monopole

Power Drift-Start : 0.268 W/kg
Power Drift-Finish: 0.276 W/kg
Power Drift (%) : 2.993

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 : 06-Sep-2008
Temperature : 20.20 °C
Ambient Temp. : 20.70 °C
Humidity : 51.00 RH%
Epsilon : 52.32 F/m
Sigma : 2.06 S/m
Density : 1000.00 kg/cu. m

Probe Data

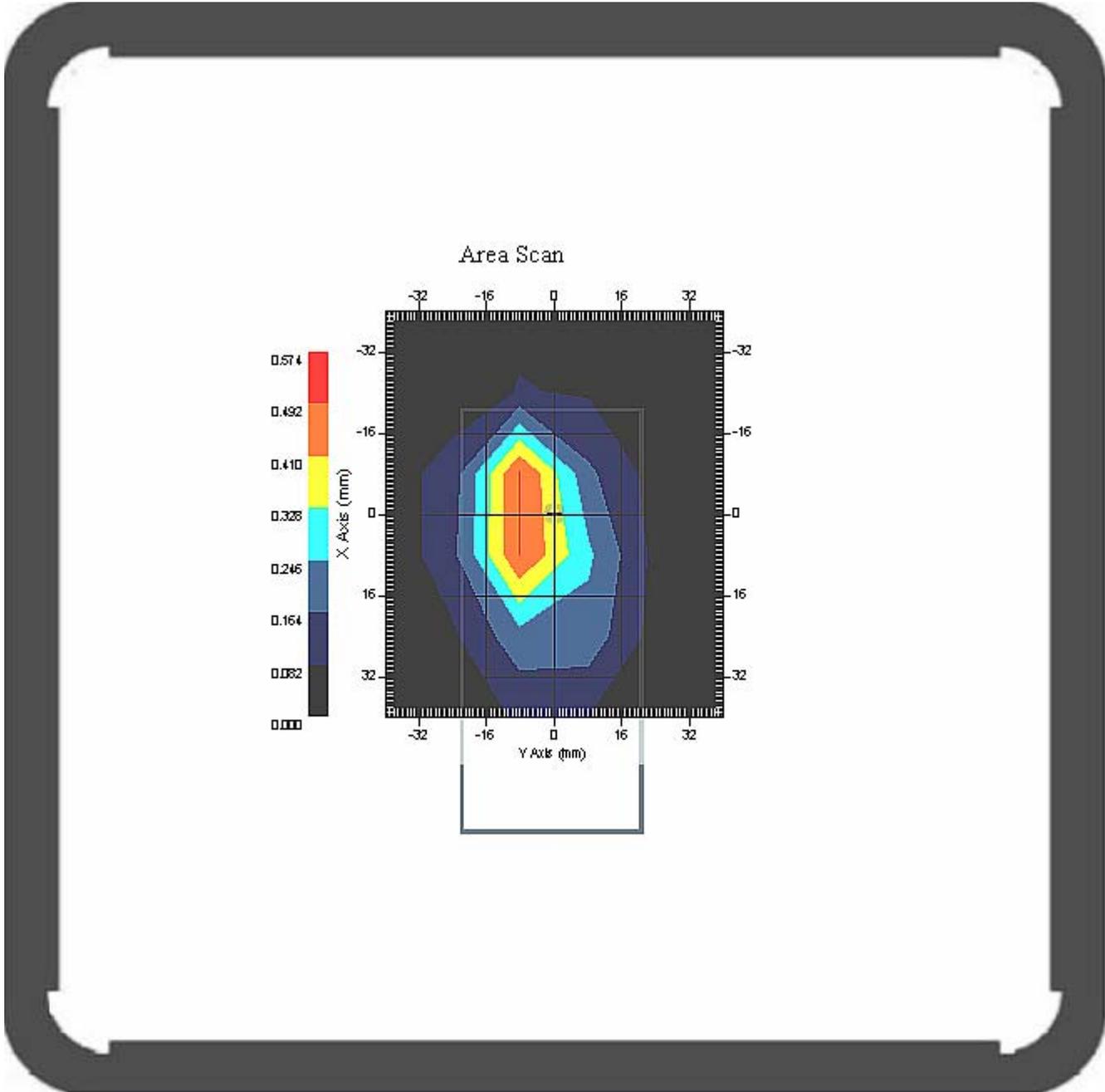
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 4
Scan Type : Complete
Tissue Temp. : 20.20 °C
Ambient Temp. : 20.70 °C
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

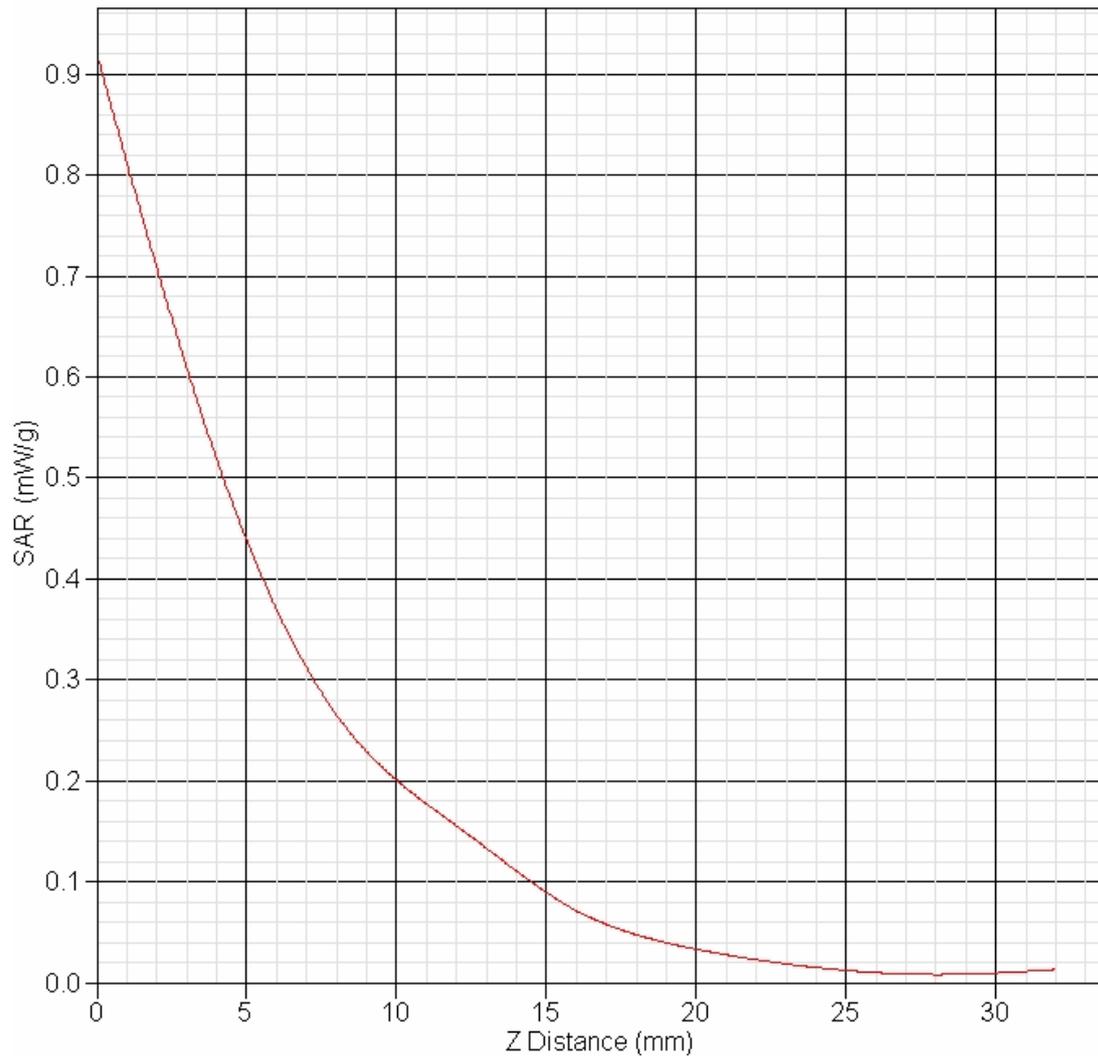
Other Data

DUT Position : Position 1, Antenna 90 degree, 5MHz 16 QAM
Separation : 0.4cm
Channel : 2499



1 gram SAR value : 0.433 W/kg
10 gram SAR value : 0.203 W/kg
Area Scan Peak SAR : 0.494 W/kg
Zoom Scan Peak SAR : 0.920 W/kg

SAR-Z Axis
at Hotspot x:10.10 y:-8.01



ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 06-Sep-2008

Measurement Date : 06-Sep-2008

Product Data

Device Name : ZTE

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 80 mm

Width : 35 mm

Depth : 11 mm

Antenna Type : Monopole

Power Drift-Start : 0.250 W/kg

Power Drift-Finish: 0.242 W/kg

Power Drift (%) : -2.974

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 : 06-Sep-2008

Temperature : 20.20 °C

Ambient Temp. : 20.70 °C

Humidity : 51.00 RH%

Epsilon : 52.32 F/m

Sigma : 2.06 S/m

Density : 1000.00 kg/cu. m

Probe Data

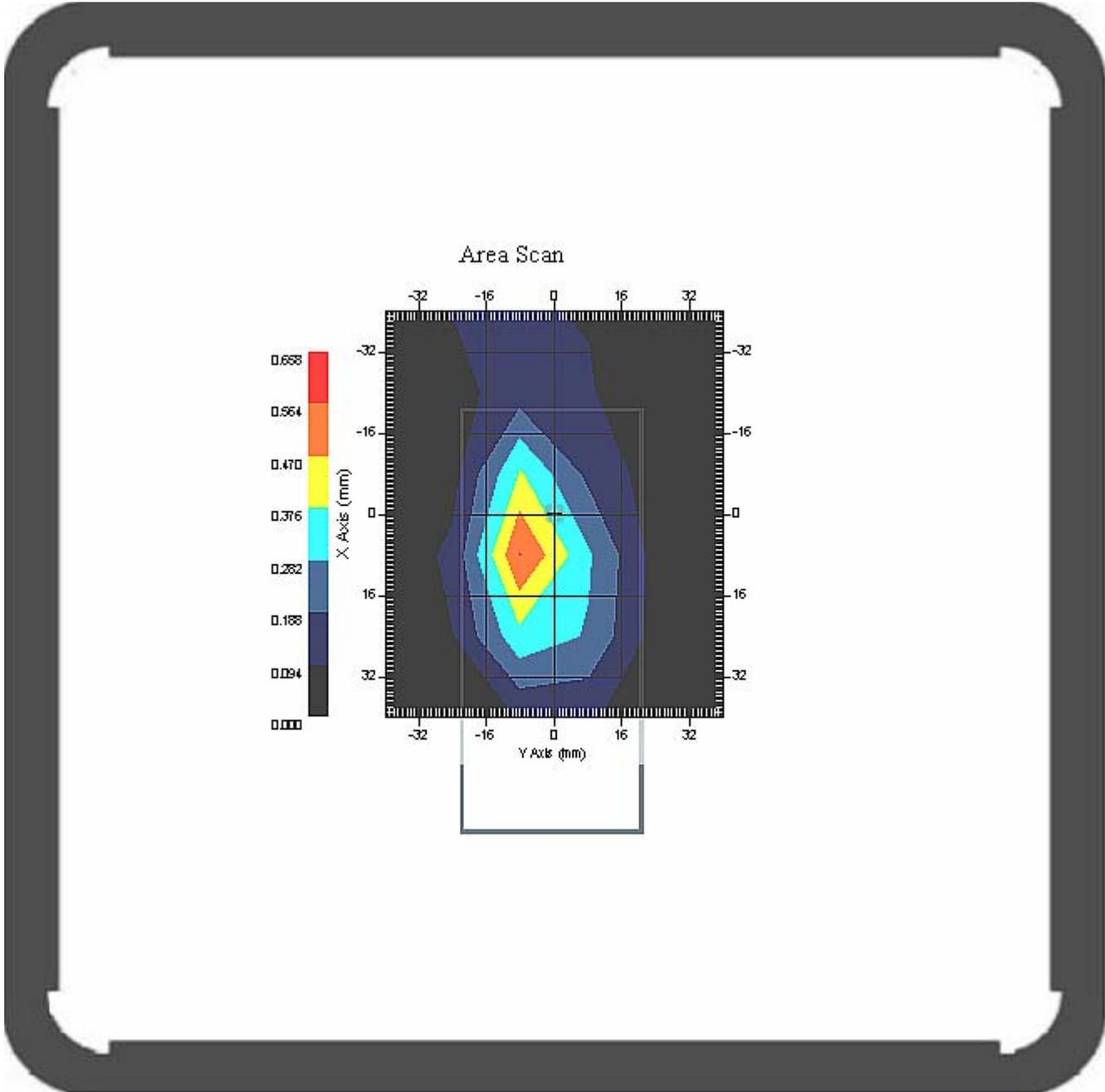
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 4
Scan Type : Complete
Tissue Temp. : 20.20 °C
Ambient Temp. : 20.70 °C
Set-up Date : 06-Sep-2008
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

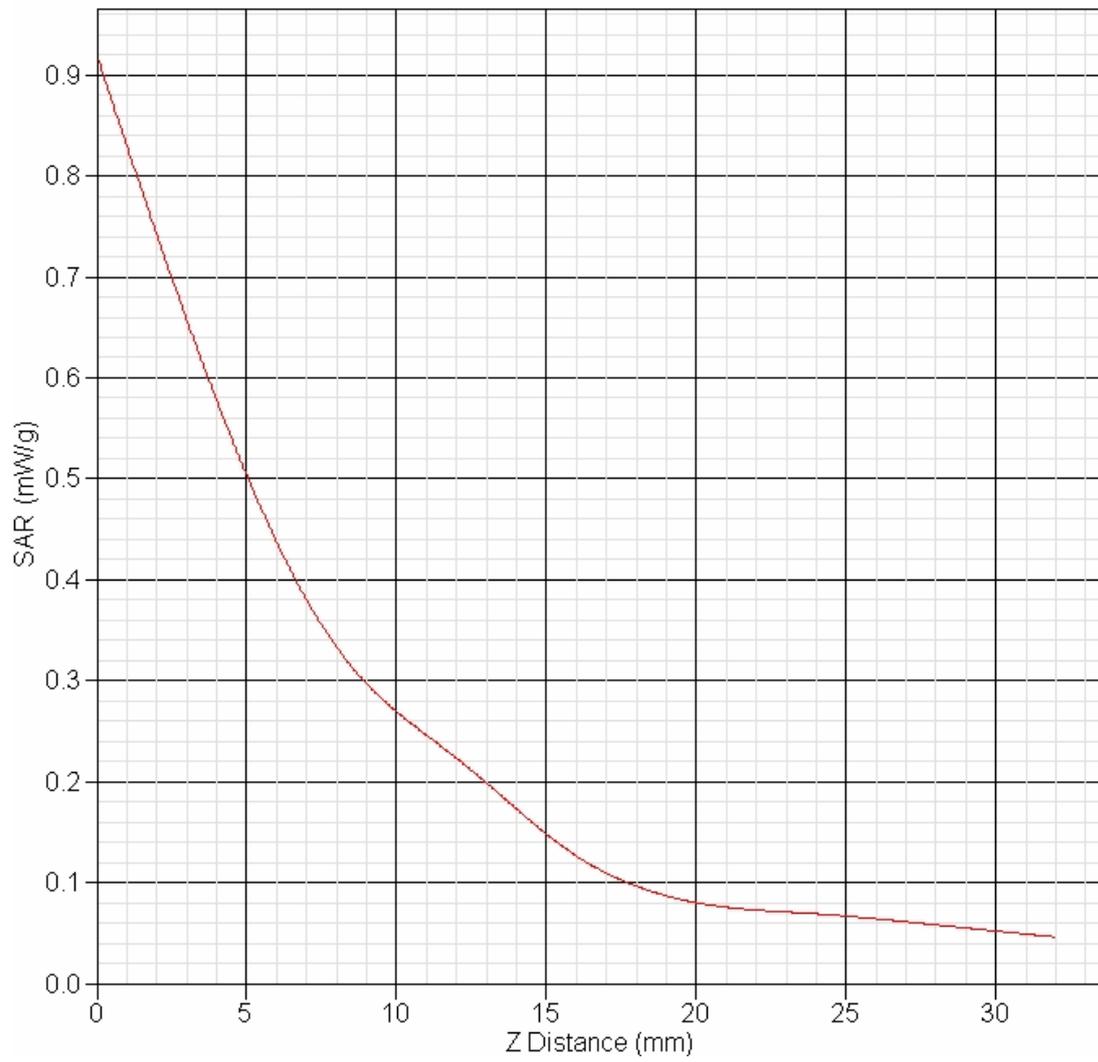
Other Data

DUT Position : Position 1, Antenna 90 degree, 5MHz 16 QAM
Separation : 0.4cm
Channel : 2600



1 gram SAR value : 0.489 W/kg
10 gram SAR value : 0.222 W/kg
Area Scan Peak SAR : 0.566 W/kg
Zoom Scan Peak SAR : 0.920 W/kg

SAR-Z Axis
at Hotspot x:18.11 y:-8.01



ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 06-Sep-2008

Measurement Date : 06-Sep-2008

Product Data

Device Name : ZTE

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 80 mm

Width : 35 mm

Depth : 11 mm

Antenna Type : Monopole

Power Drift-Start : 0.687 W/kg

Power Drift-Finish: 0.661 W/kg

Power Drift (%) : -3.654

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 : 06-Sep-2008

Temperature : 20.20 °C

Ambient Temp. : 20.70 °C

Humidity : 51.00 RH%

Epsilon : 52.32 F/m

Sigma : 2.06 S/m

Density : 1000.00 kg/cu. m

Probe Data

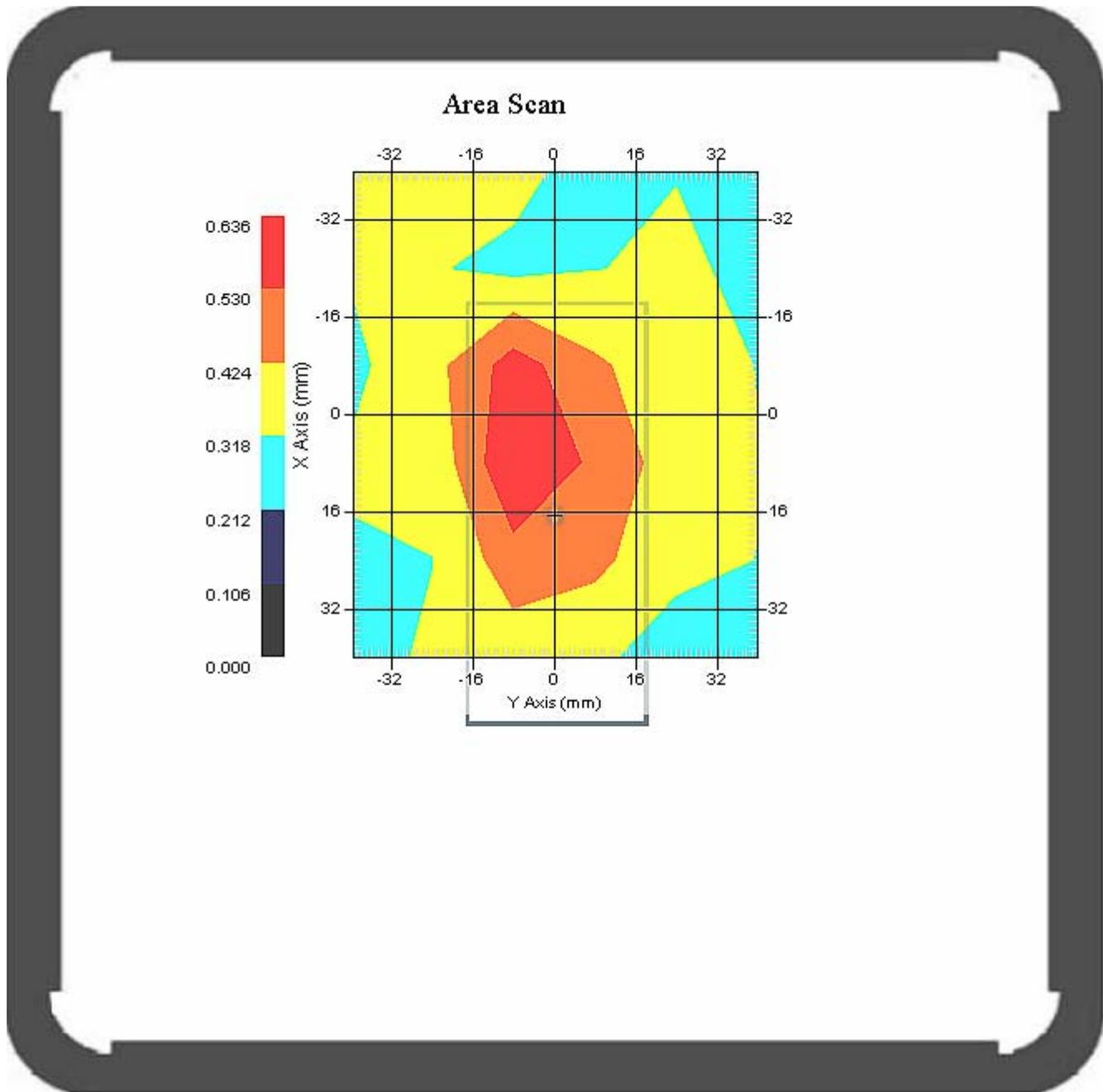
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 4
Scan Type : Complete
Tissue Temp. : 20.20 °C
Ambient Temp. : 20.70 °C
Set-up Date : 06-Sep-2008
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

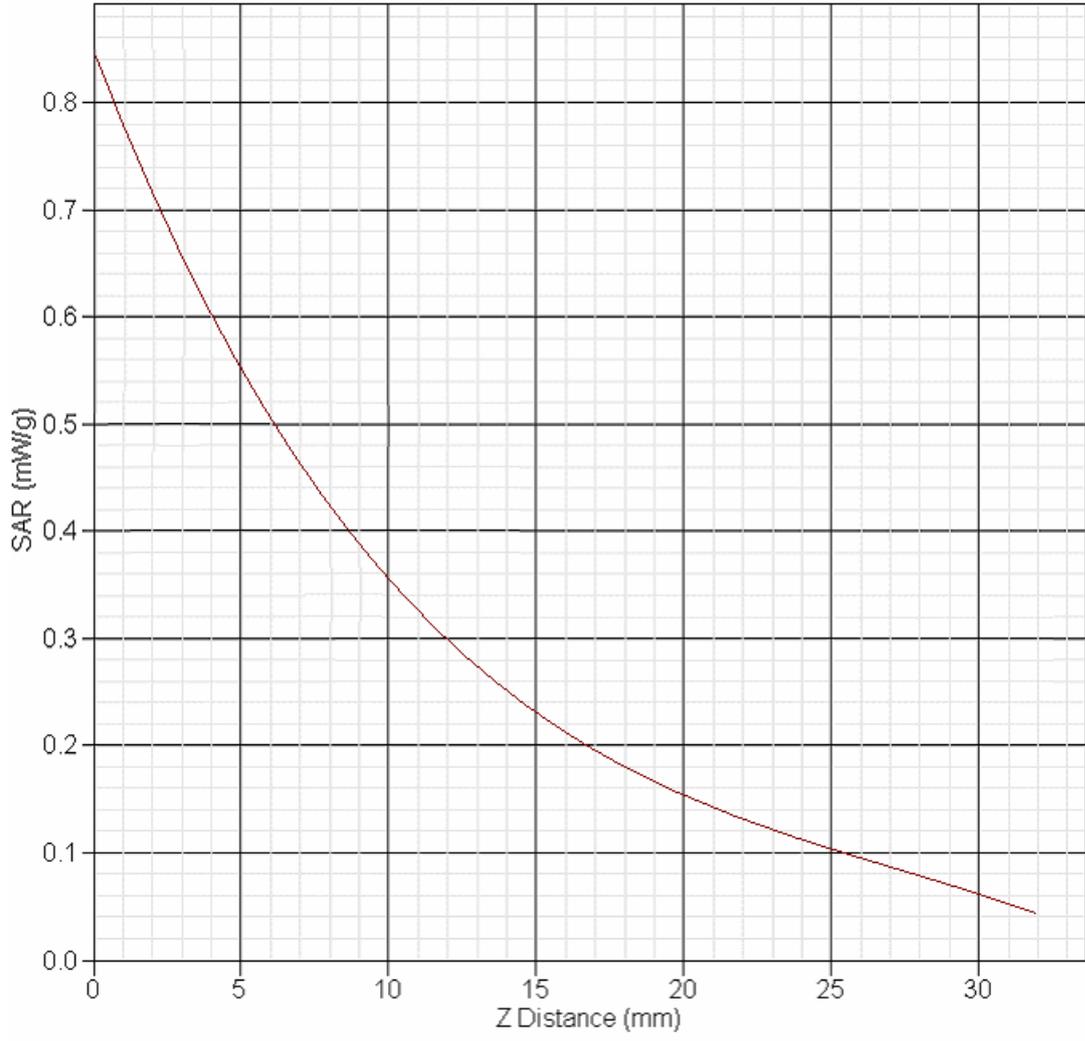
Other Data

DUT Position : Position 1, Antenna 90 degree, 5MHz 16 QAM
Separation : 0.4cm
Channel : 2687



1 gram SAR value : 0.511 W/kg
 10 gram SAR value : 0.387 W/kg
 Area Scan Peak SAR : 0.635 W/kg
 Zoom Scan Peak SAR : 0.850 W/kg

SAR-Z Axis
at Hotspot x:10.13 y:-8.01



ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 11-Sep-2008

Measurement Date : 11-Sep-2008

Product Data

Device Name : ZTE

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 80 mm

Width : 35 mm

Depth : 11 mm

Antenna Type : Monopole

Power Drift-Start : 0.347 W/kg

Power Drift-Finish: 0.350 W/kg

Power Drift (%) : 0.864

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 : 11-Sep-2008

Temperature : 20.20 °C

Ambient Temp. : 20.70 °C

Humidity : 51.00 RH%

Epsilon : 52.32 F/m

Sigma : 2.06 S/m

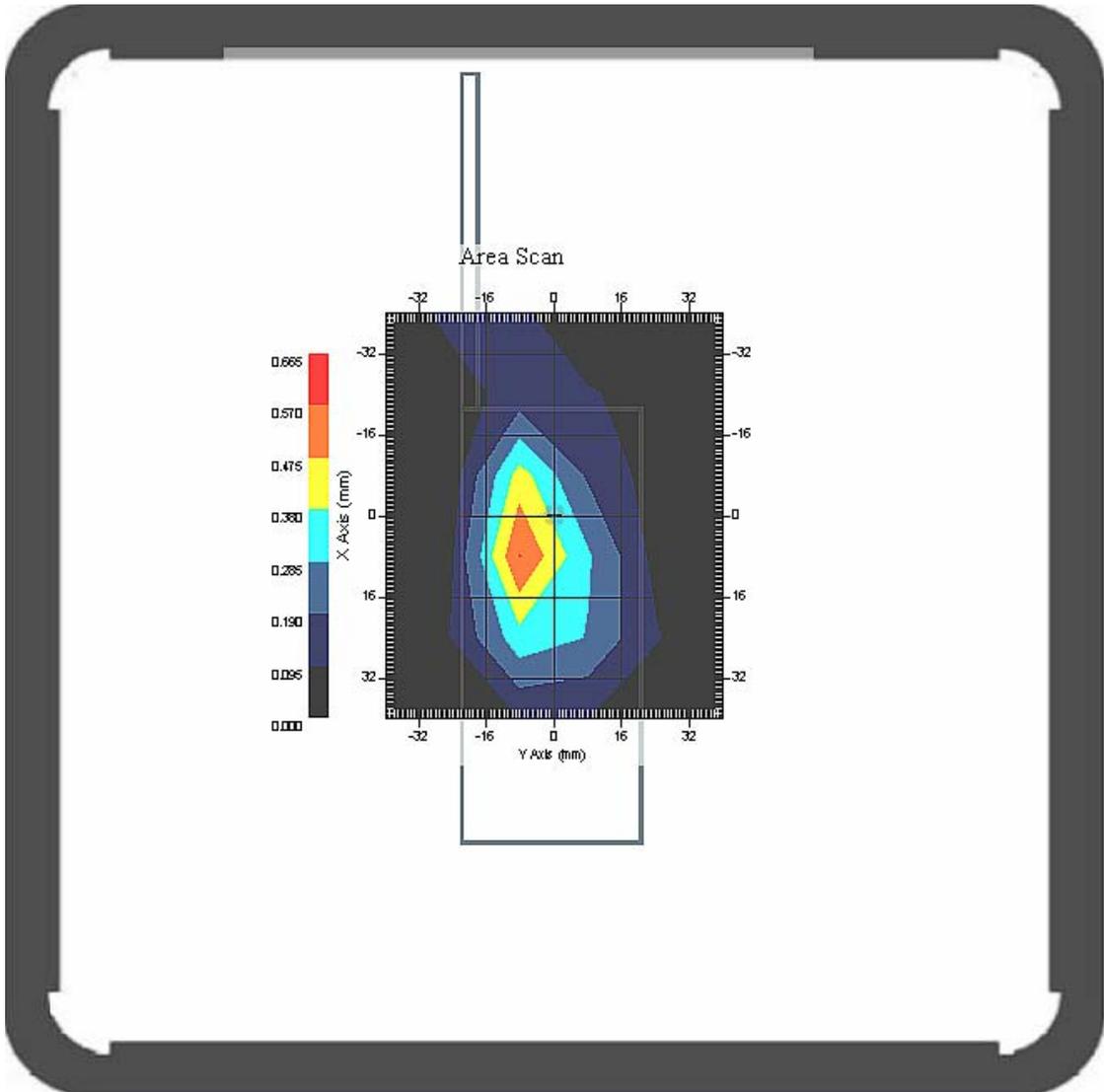
Density : 1000.00 kg/cu. m
Probe Data
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 4
Scan Type : Complete
Tissue Temp. : 20.20 °C
Ambient Temp. : 20.70 °C
Set-up Date : 11-Sep-2008
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

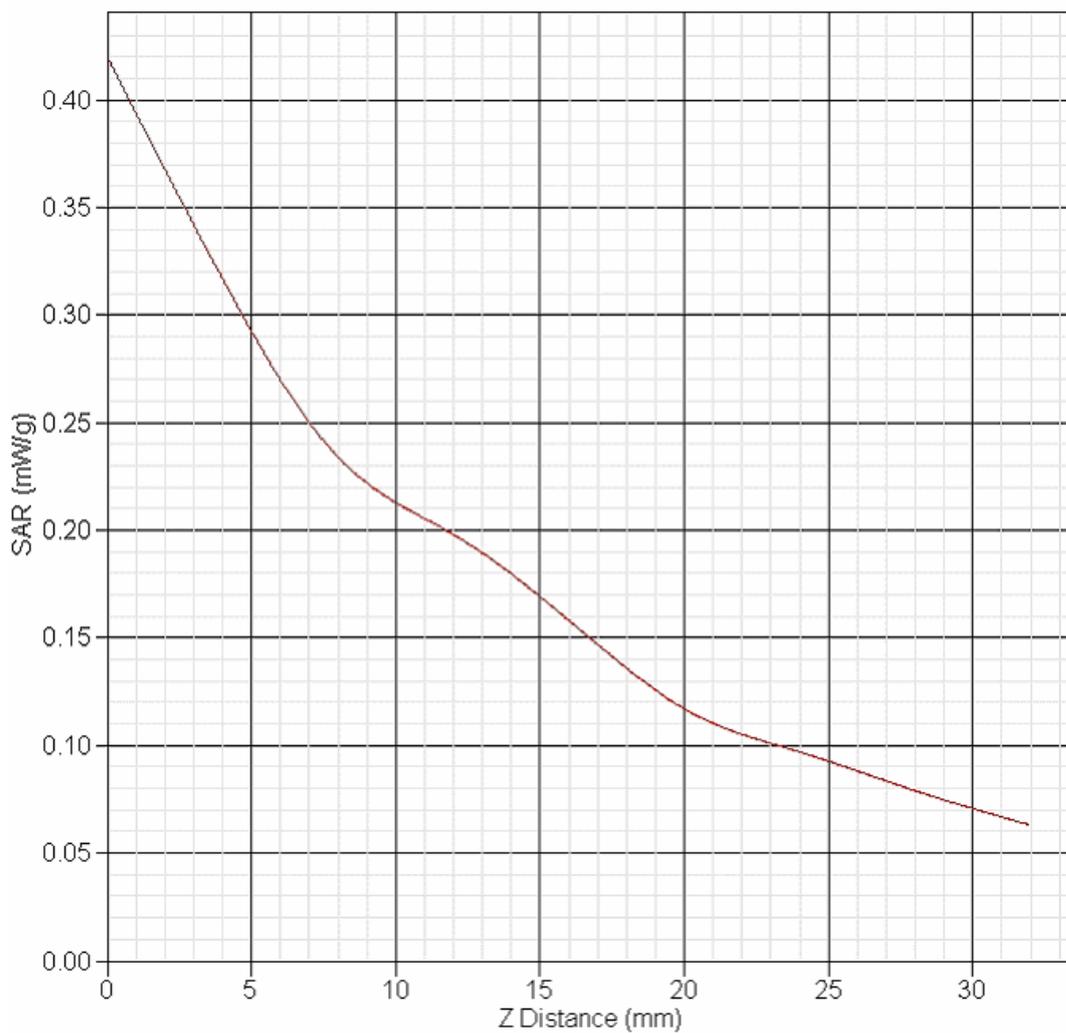
Other Data

DUT Position : Position 1, Antenna 180 degree, 5MHz 16 QAM
Separation : 0.4cm
Channel : 2687



1 gram SAR value : 0.487 W/kg
10 gram SAR value : 0.233 W/kg
Area Scan Peak SAR : 0.572 W/kg
Zoom Scan Peak SAR : 1.020 W/kg

SAR-Z Axis
at Hotspot x0.04 y:-6.00



ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 06-Sep-2008

Measurement Date : 06-Sep-2008

Product Data

Device Name : ZTE

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 80 mm

Width : 35 mm

Depth : 11 mm

Antenna Type : Monopole

Power Drift-Start : 0.554 W/kg

Power Drift-Finish: 0.542 W/kg

Power Drift (%) : -2.214

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 : 06-Sep-2008

Temperature : 20.20 °C

Ambient Temp. : 20.70 °C

Humidity : 51.00 RH%

Epsilon : 52.32 F/m

Sigma : 2.06 S/m

Density : 1000.00 kg/cu. m

Probe Data

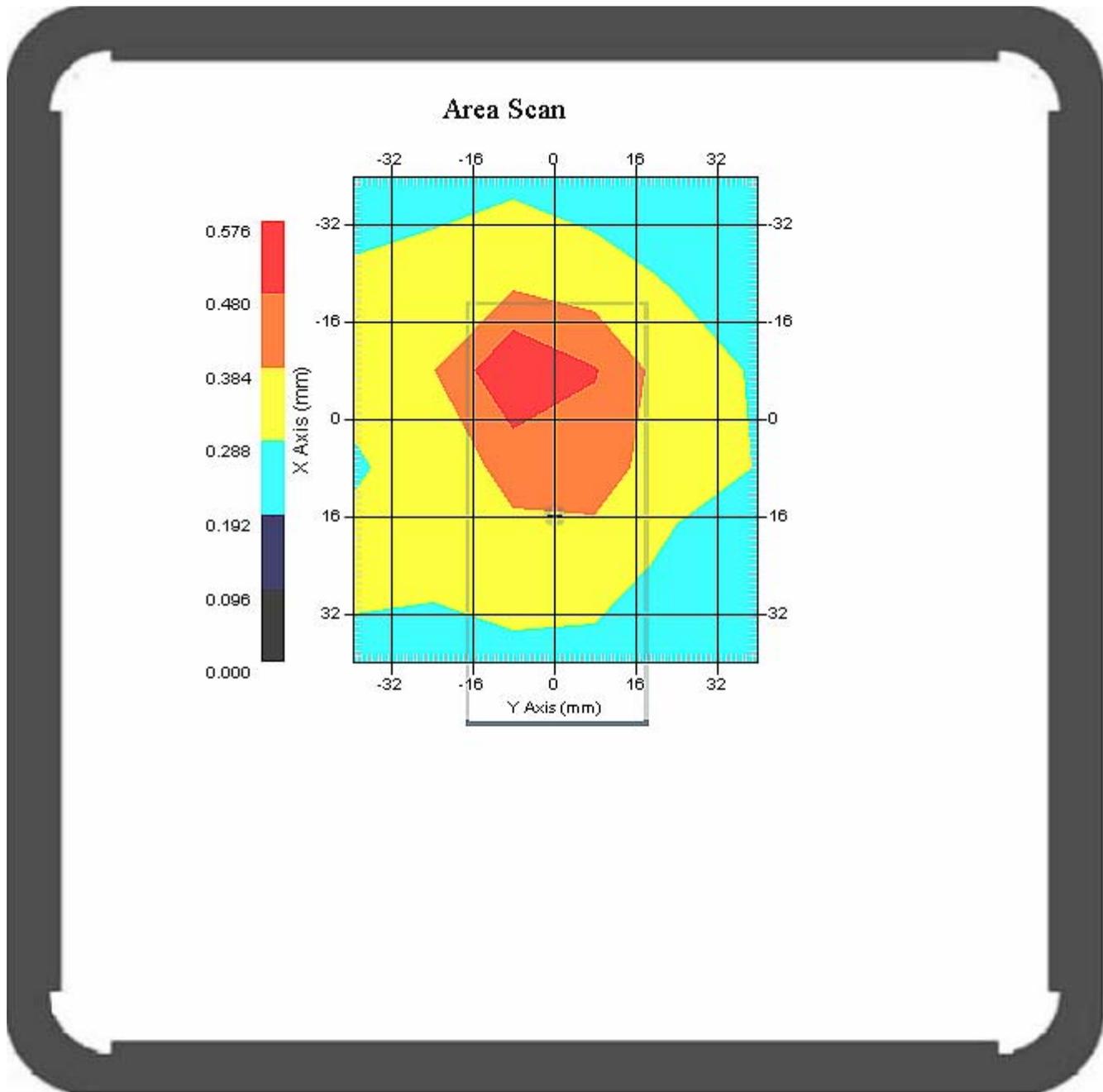
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 4
Scan Type : Complete
Tissue Temp. : 20.20 °C
Ambient Temp. : 20.70 °C
Set-up Date : 06-Sep-2008
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

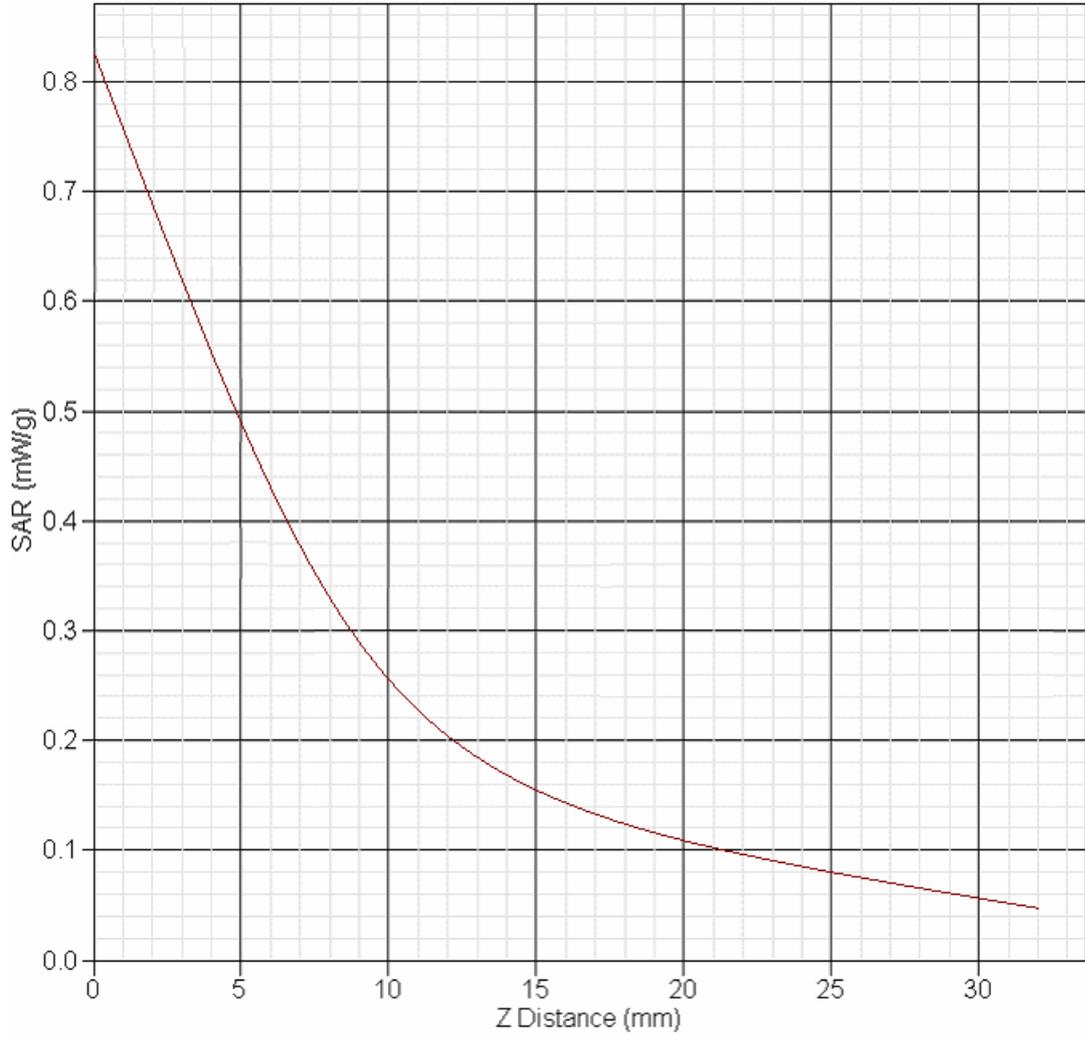
Other Data

DUT Position : Position 1, Antenna 0 degree, 10MHz 16 QAM
Separation : 0.4cm
Channel : 2685



1 gram SAR value : 0.523 W/kg
10 gram SAR value : 0.395 W/kg
Area Scan Peak SAR : 0.576 W/kg
Zoom Scan Peak SAR : 0.830 W/kg

SAR-Z Axis
at Hotspot x:2.09 y:-8.01



ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 26-Sep-2008

Measurement Date : 26-Sep-2008

Product Data

Device Name : ZTE

Serial No. : TU25

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 100 mm

Width : 44 mm

Depth : 11 mm

Antenna Type : Monopole

Power Drift-Start : 0.166 W/kg

Power Drift-Finish: 0.161 W/kg

Power Drift (%) : -3.247

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 : 26-Sep-2008

Temperature : 20.20 °C

Ambient Temp. : 20.90 °C

Humidity : 50.00 RH%

Epsilon : 52.21 F/m

Sigma : 2.05 S/m

Density : 1000.00 kg/cu. m

Probe Data

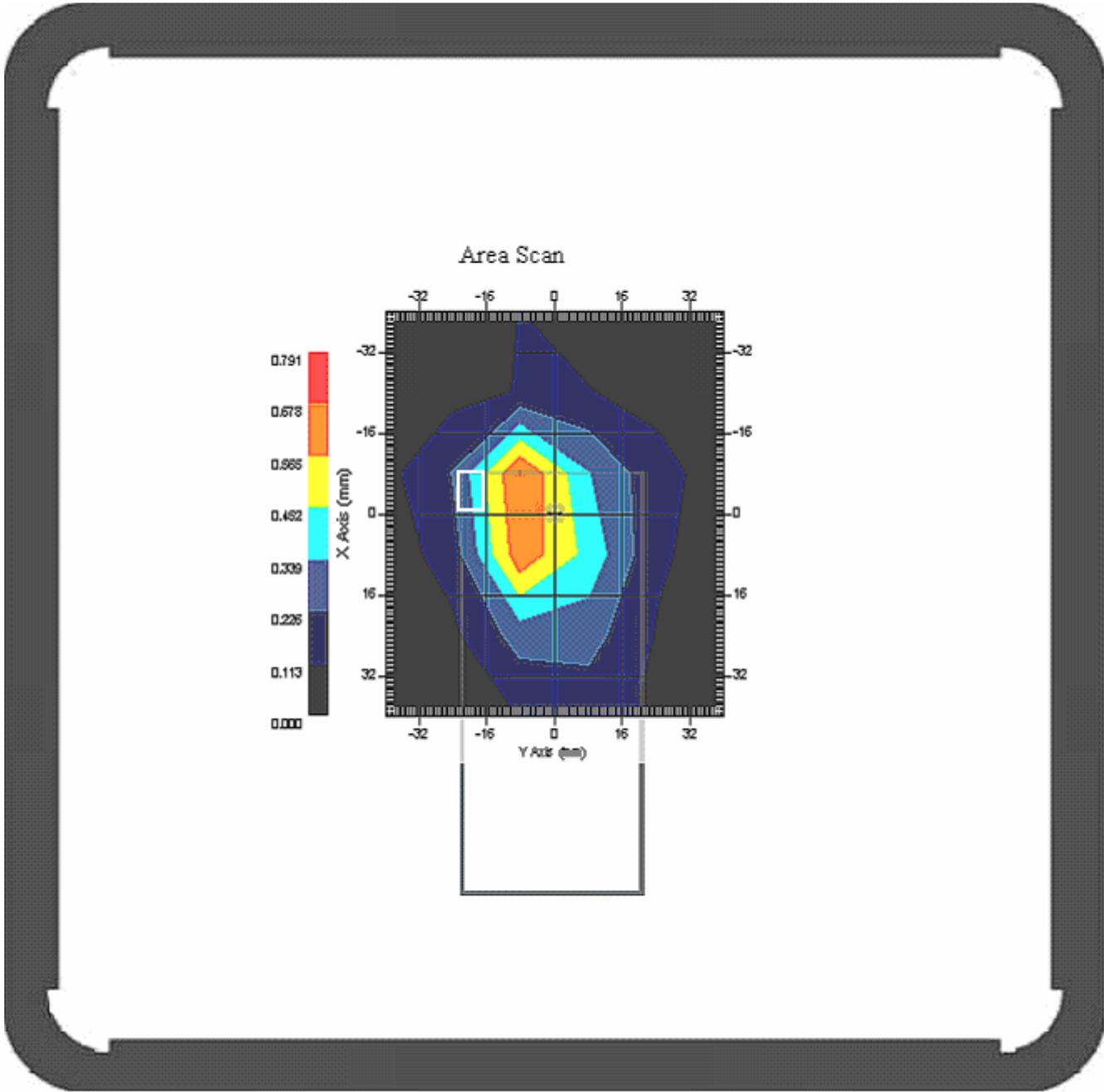
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 1
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 1
Scan Type : Complete
Tissue Temp. : 20.20 °C
Ambient Temp. : 20.90 °C
Set-up Date : 26-Sep-2008
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Position 1, antenna 90°, 10MHz, 16QAM
Separation : 0.4cm
Channel : 2501



1 gram SAR value : 0.578 W/kg
10 gram SAR value : 0.290 W/kg
Area Scan Peak SAR : 0.679 W/kg
Zoom Scan Peak SAR : 1.080 W/kg

ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 06-Sep-2008

Measurement Date : 06-Sep-2008

Product Data

Device Name : ZTE

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 80 mm

Width : 35 mm

Depth : 11 mm

Antenna Type : Monopole

Power Drift-Start : 0.627 W/kg

Power Drift-Finish: 0.636 W/kg

Power Drift (%) : 1.541

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 : 06-Sep-2008

Temperature : 20.20 °C

Ambient Temp. : 20.70 °C

Humidity : 51.00 RH%

Epsilon : 52.32 F/m

Sigma : 2.06 S/m

Density : 1000.00 kg/cu. m

Probe Data

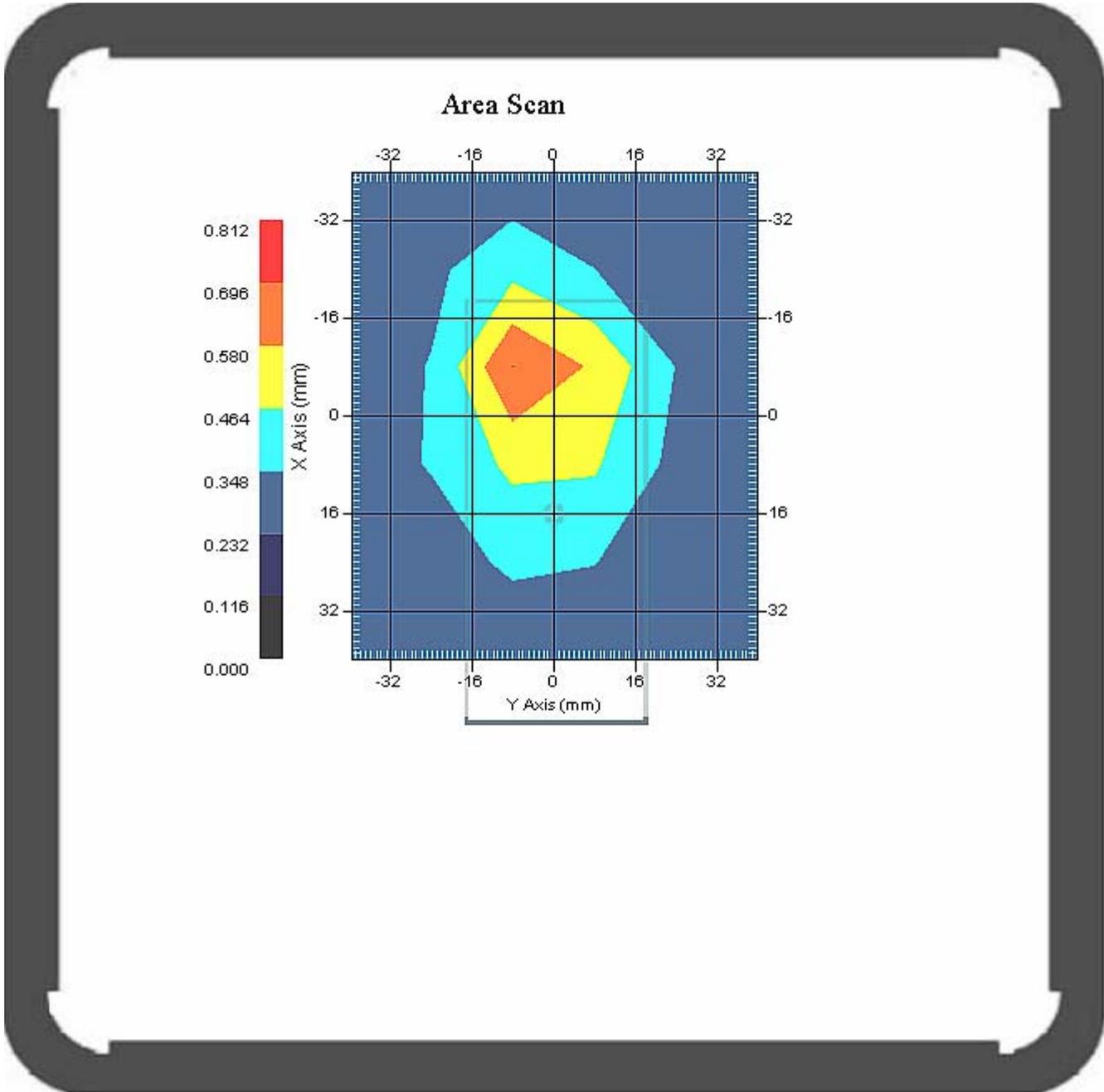
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 4
Scan Type : Complete
Tissue Temp. : 20.20 °C
Ambient Temp. : 20.70 °C
Set-up Date : 06-Sep-2008
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

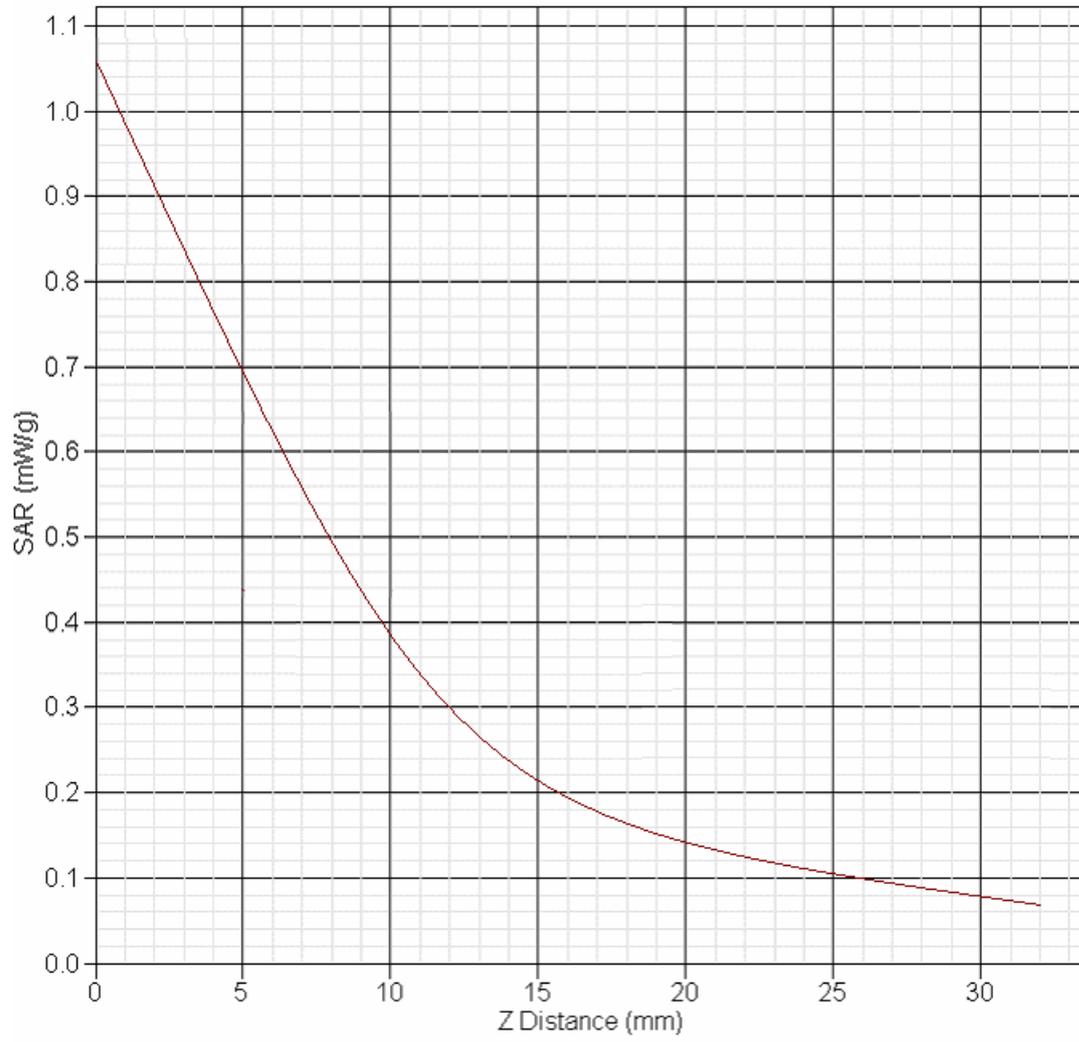
DUT Position : Position 1, Antenna 90 degree, 10MHz 16 QAM
Separation : 0.4cm
Channel : 2600



1 gram SAR value : 0.610 W/kg
10 gram SAR value : 0.451 W/kg
Area Scan Peak SAR : 0.697 W/kg
Zoom Scan Peak SAR : 1.070 W/kg

SAR-Z Axis

at Hotspot $x=2.13$ $y=-8.01$



ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 06-Sep-2008

Measurement Date : 06-Sep-2008

Product Data

Device Name : ZTE

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 80 mm

Width : 35 mm

Depth : 11 mm

Antenna Type : Monopole

Power Drift-Start : 0.682 W/kg

Power Drift-Finish: 0.664 W/kg

Power Drift (%) : -2.609

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 : 06-Sep-2008

Temperature : 20.20 °C

Ambient Temp. : 20.70 °C

Humidity : 51.00 RH%

Epsilon : 52.32 F/m

Sigma : 2.06 S/m

Density : 1000.00 kg/cu. m

Probe Data

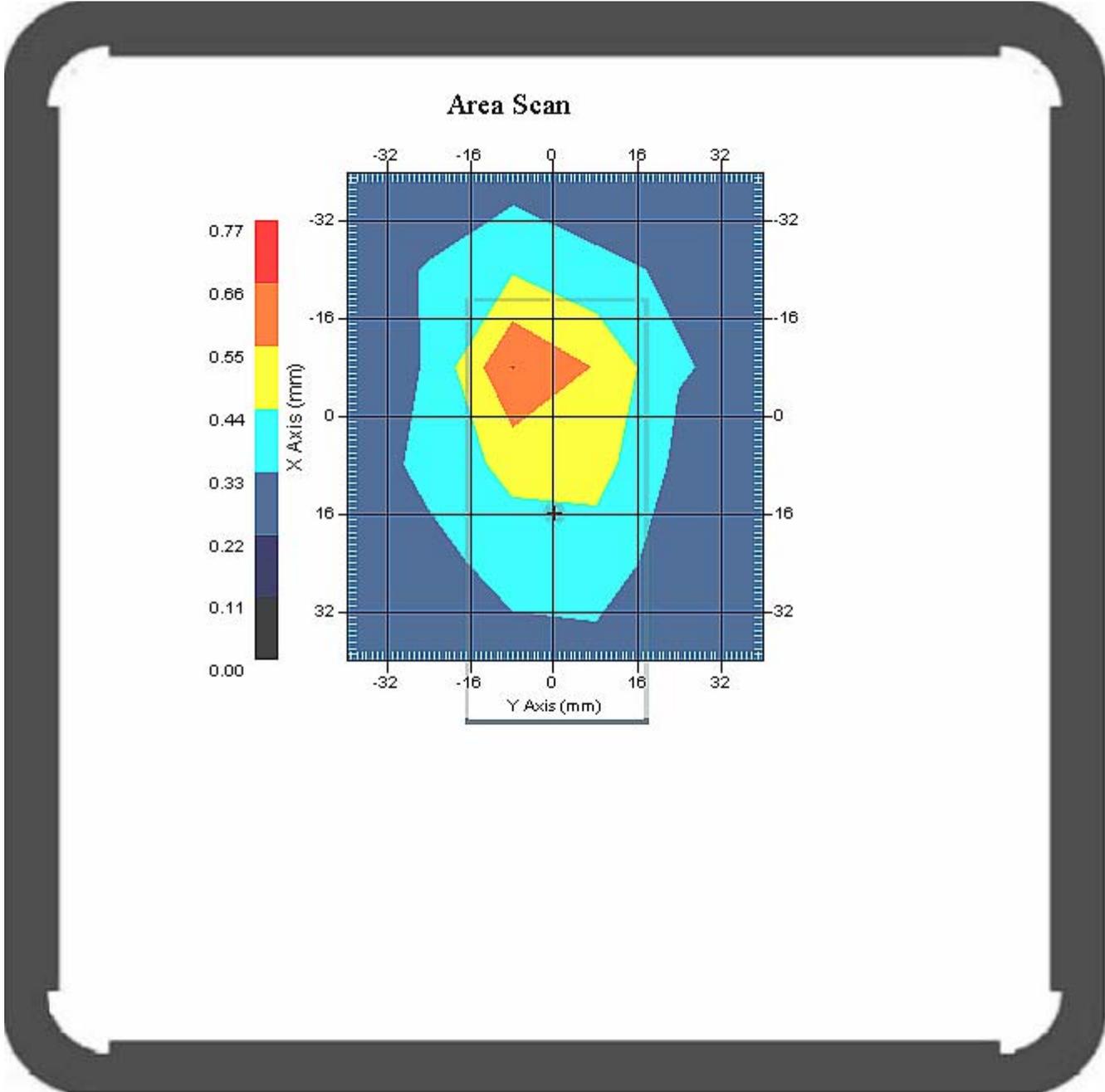
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 4
Scan Type : Complete
Tissue Temp. : 20.20 °C
Ambient Temp. : 20.70 °C
Set-up Date : 06-Sep-2008
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

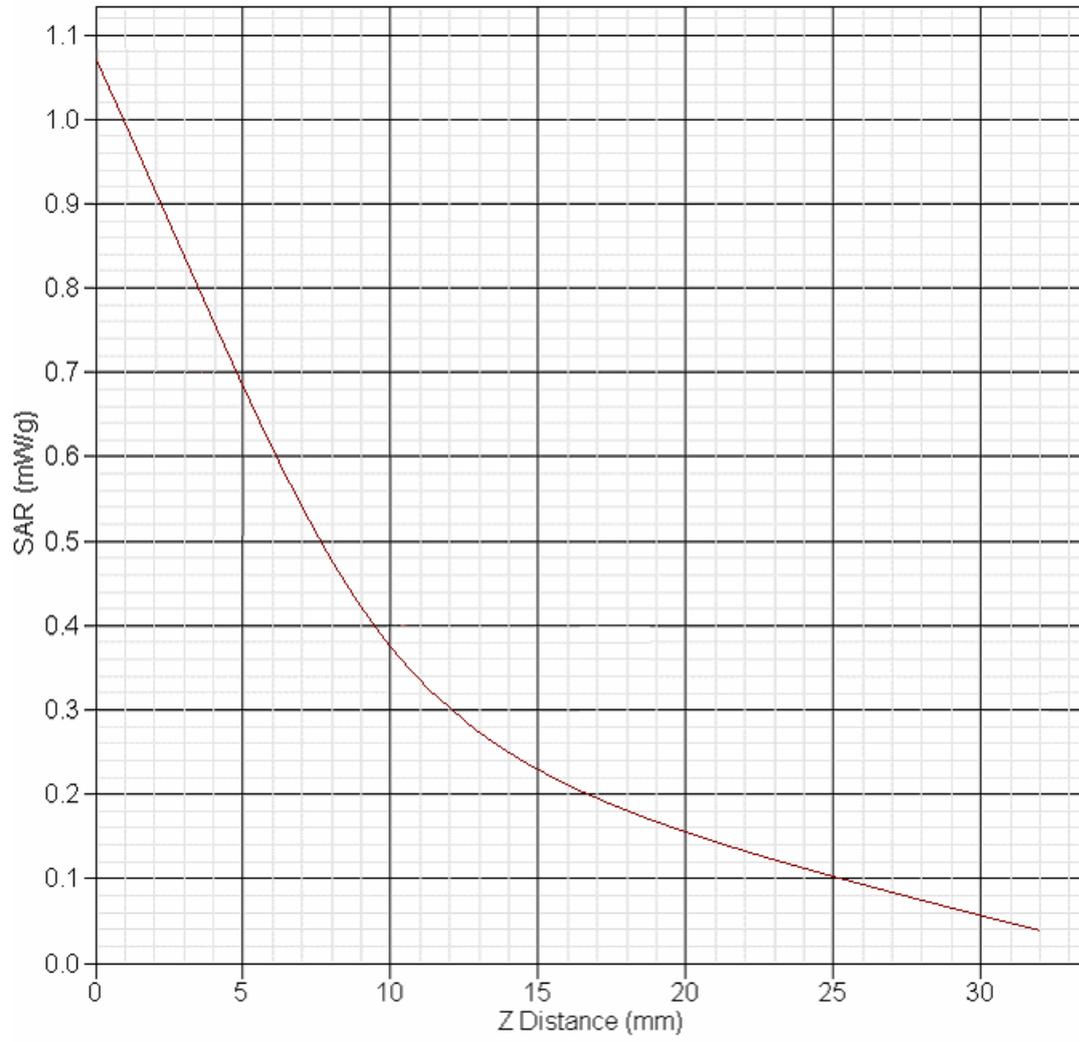
DUT Position : Position 1, Antenna 90 degree, 10MHz 16 QAM
Separation : 0.4cm
Channel : 2685



1 gram SAR value : 0.643 W/kg
10 gram SAR value : 0.452 W/kg
Area Scan Peak SAR : 0.663 W/kg
Zoom Scan Peak SAR : 1.080 W/kg

SAR-Z Axis

at Hotspot $x=2.12$ $y=-0.01$



ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 06-Sep-2008

Measurement Date : 06-Sep-2008

Product Data

Device Name : ZTE

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 80 mm

Width : 35 mm

Depth : 11 mm

Antenna Type : Monopole

Power Drift-Start : 0.515 W/kg

Power Drift-Finish: 0.520 W/kg

Power Drift (%) : 0.842

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 : 06-Sep-2008

Temperature : 20.20 °C

Ambient Temp. : 20.70 °C

Humidity : 51.00 RH%

Epsilon : 52.32 F/m

Sigma : 2.06 S/m

Density : 1000.00 kg/cu. m

Probe Data

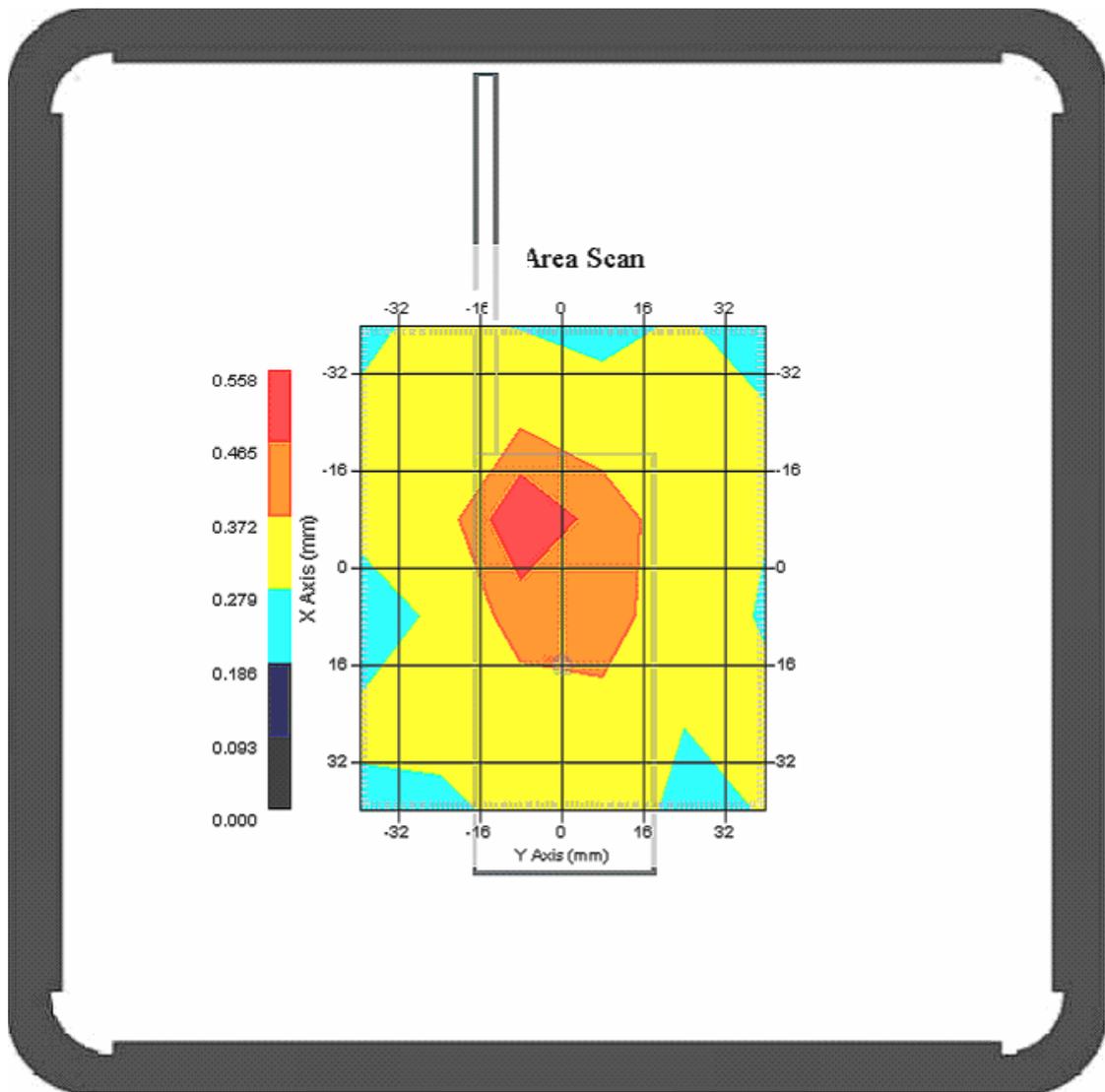
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 4
Scan Type : Complete
Tissue Temp. : 20.20 °C
Ambient Temp. : 20.70 °C
Set-up Date : 06-Sep-2008
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Position 1, Antenna 180 degree, 10MHz 16
QAM
Separation : 0.4cm
Channel : 2685



1 gram SAR value : 0.542 W/kg
10 gram SAR value : 0.393 W/kg
Area Scan Peak SAR : 0.555 W/kg
Zoom Scan Peak SAR : 0.860 W/kg

ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 11-Sep-2008

Measurement Date : 11-Sep-2008

Product Data

Device Name : ZTE

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 80 mm

Width : 11 mm

Depth : 35 mm

Antenna Type : Monopole

Power Drift-Start : 0.324 W/kg

Power Drift-Finish: 0.324 W/kg

Power Drift (%) : 0.741

Phantom Data

Type : Uni-Phantom

Serial No. : User Define

Location : Center

Tissue Data

Type : BODY

Serial No. : 328-B

Frequency : 2600.00 MHz

Last Calib. Date : 11-Sep-2008

Temperature : 20.20 °C

Ambient Temp. : 20.70 °C

Humidity : 51.00 RH%

Epsilon : 52.33 F/m

Sigma : 2.05 S/m

Density : 1000.00 kg/cu. m

Probe Data

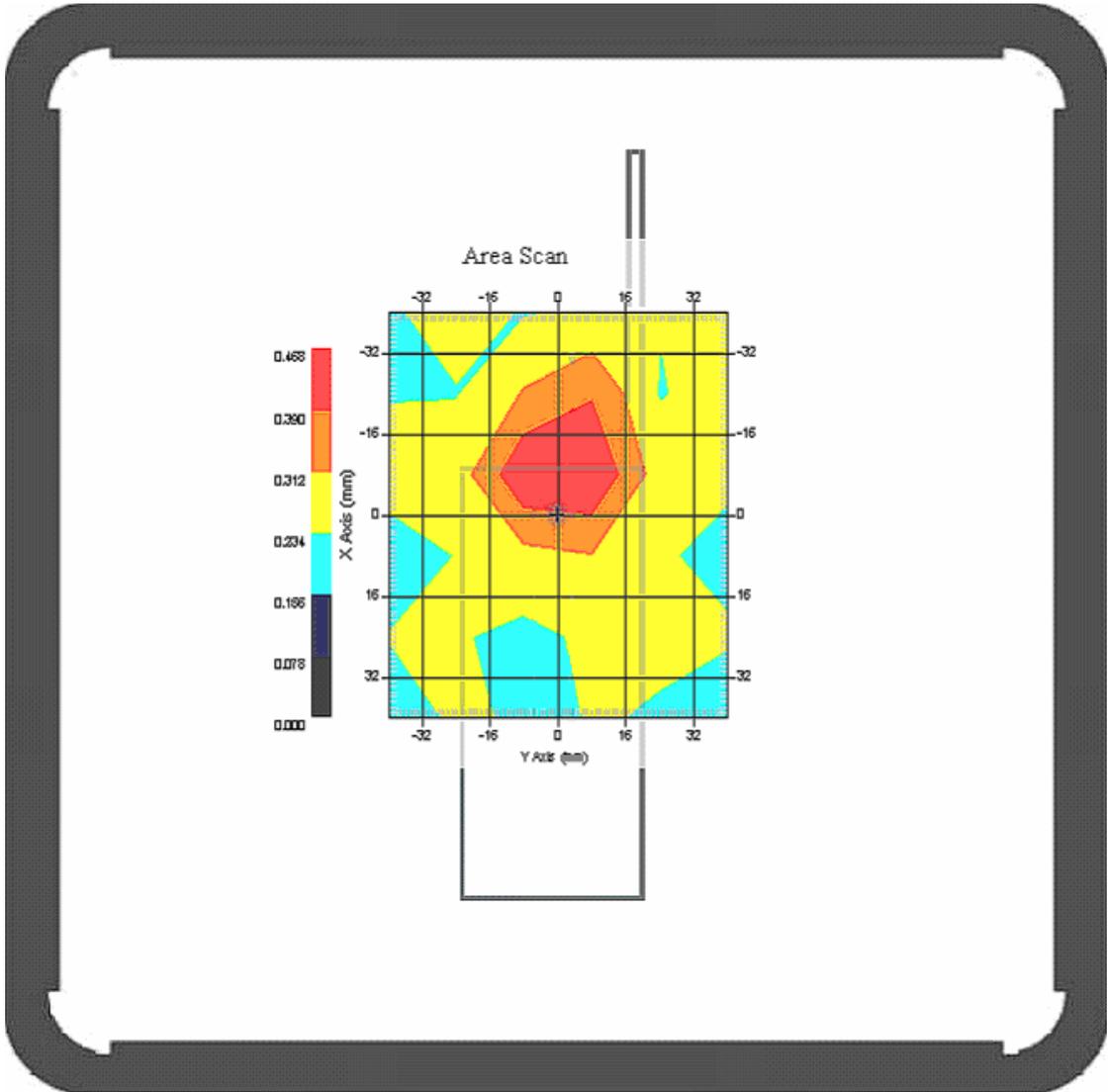
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 4
Scan Type : Complete
Tissue Temp. : 20.20 °C
Ambient Temp. : 20.70 °C
Set-up Date : 11-Sep-2008
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

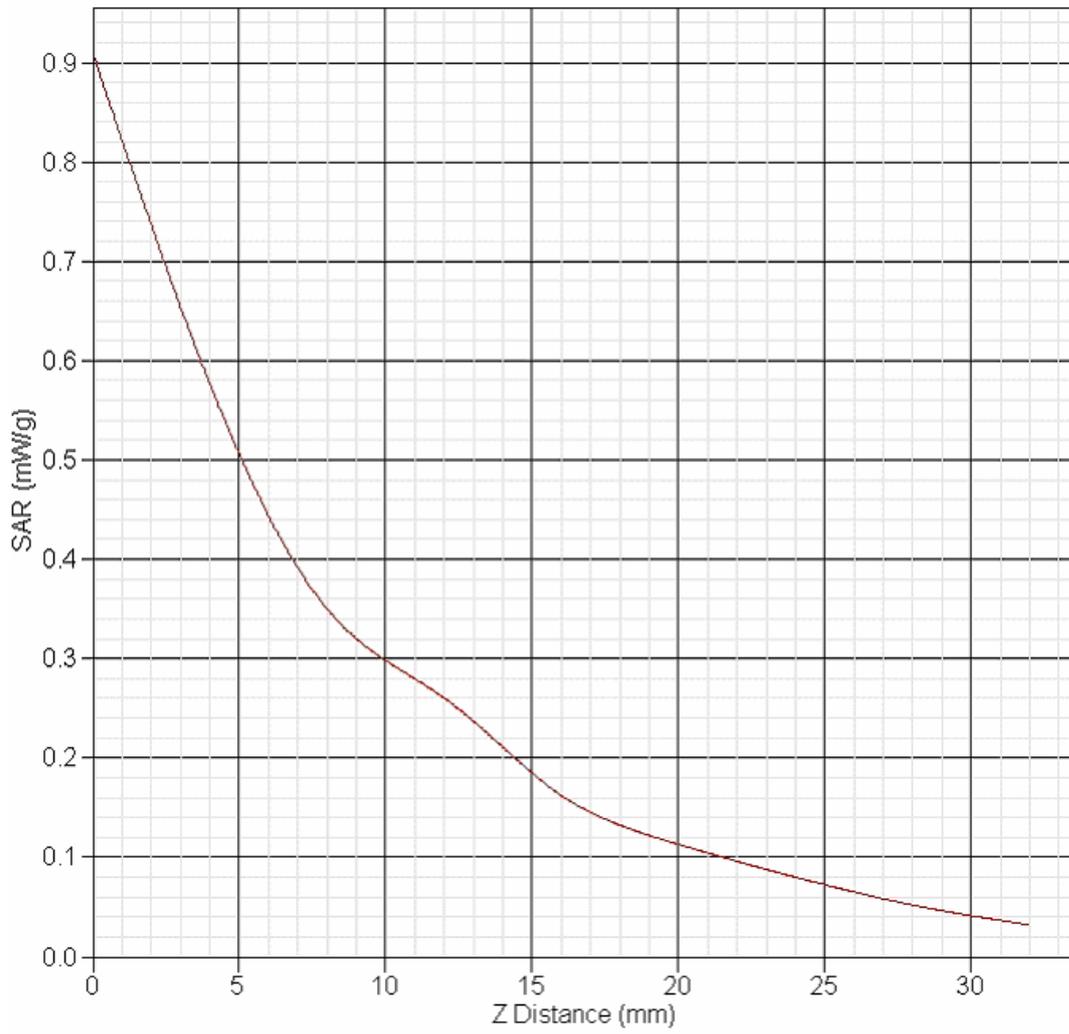
Other Data

DUT Position : Position 2, Antenna 180 degree, 5MHz QPSK
Separation : 0.4cm
Channel : 2685



1 gram SAR value : 0.499 W/kg
10 gram SAR value : 0.357 W/kg
Area Scan Peak SAR : 0.467 W/kg
Zoom Scan Peak SAR : 0.820 W/kg

SAR-Z Axis
at Hotspot x:-7.92 y:5.95



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APREL Laboratories

SAR Test Report

Report Date : 07-Sep-2008

Measurement Date : 07-Sep-2008

Product Data

Device Name : ZTE

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 80 mm

Width : 35 mm

Depth : 11 mm

Antenna Type : Monopole

Power Drift-Start : 0.475 W/kg

Power Drift-Finish: 0.482 W/kg

Power Drift (%) : 1.534

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 : 07-Sep-2008

Temperature : 20.10 °C

Ambient Temp. : 20.70 °C

Humidity : 50.00 RH%

Epsilon : 52.57 F/m

Sigma : 2.04 S/m

Density : 1000.00 kg/cu. m

Probe Data

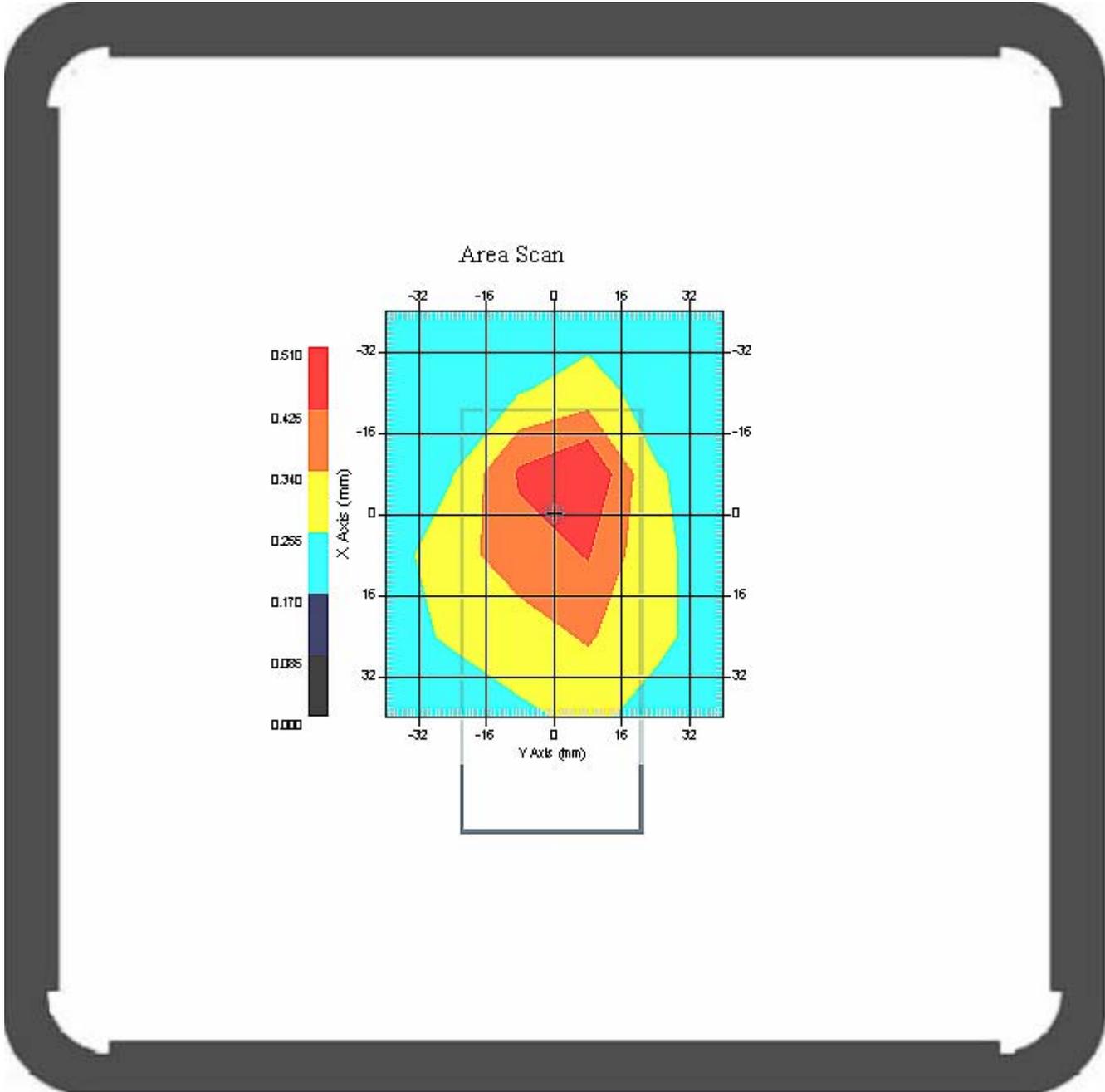
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 4
Scan Type : Complete
Tissue Temp. : 20.10 °C
Ambient Temp. : 20.70 °C
Set-up Date : 07-Sep-2008
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

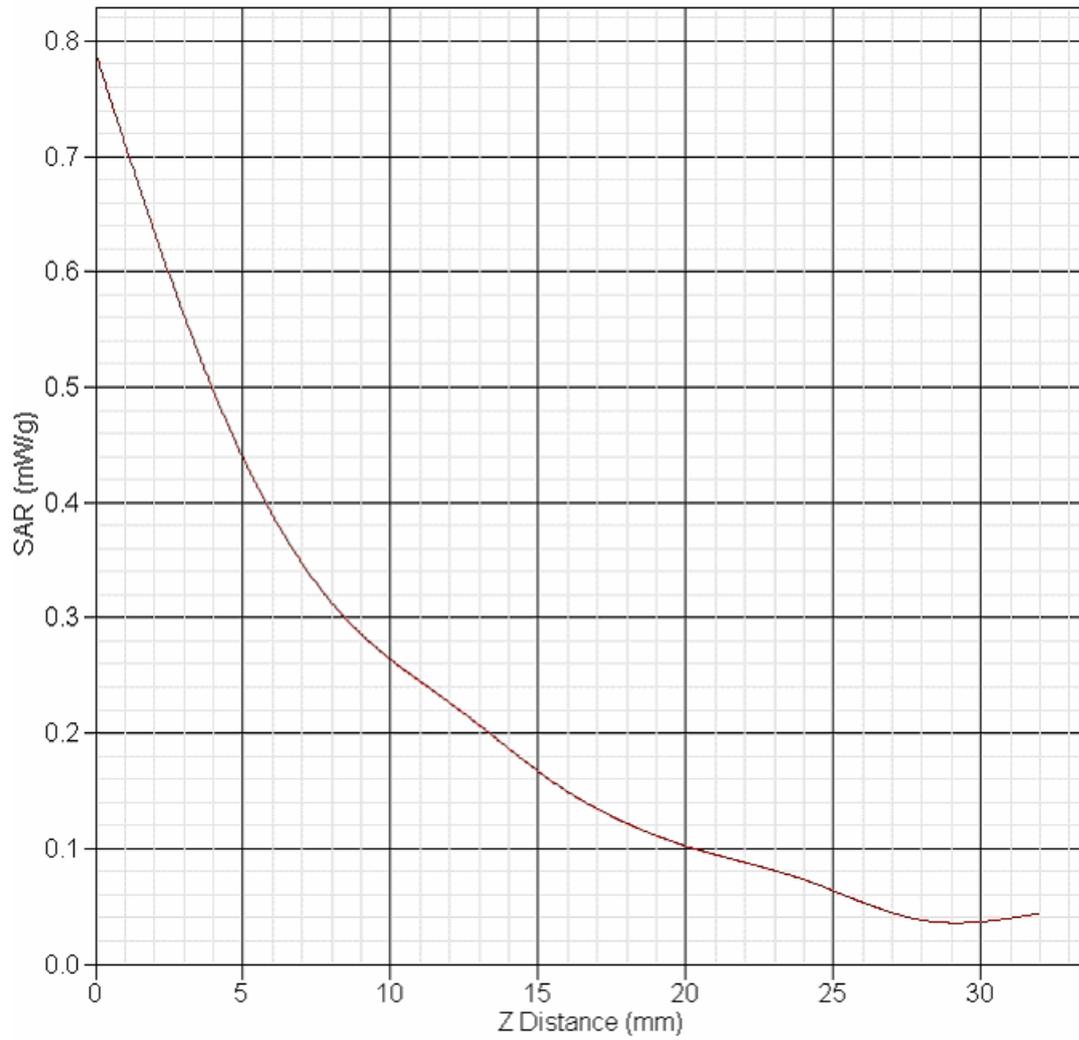
DUT Position : Position 2, Antenna 0 degree, 10MHz QPSK
Separation : 0.4cm
Channel : 2685



1 gram SAR value : 0.512 W/kg
10 gram SAR value : 0.345 W/kg
Area Scan Peak SAR : 0.563 W/kg
Zoom Scan Peak SAR : 0.781 W/kg

SAR-Z Axis

at Hotspot x0.62 y0.99



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APREL Laboratories

SAR Test Report

Report Date : 07-Sep-2008

Measurement Date : 07-Sep-2008

Product Data

Device Name : ZTE

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 80 mm

Width : 35 mm

Depth : 11 mm

Antenna Type : Monopole

Power Drift-Start : 0.368 W/kg

Power Drift-Finish: 0.379 W/kg

Power Drift (%) : 3.063

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 : 07-Sep-2008

Temperature : 20.10 °C

Ambient Temp. : 20.70 °C

Humidity : 50.00 RH%

Epsilon : 52.57 F/m

Sigma : 2.04 S/m

Density : 1000.00 kg/cu. M

Probe Data

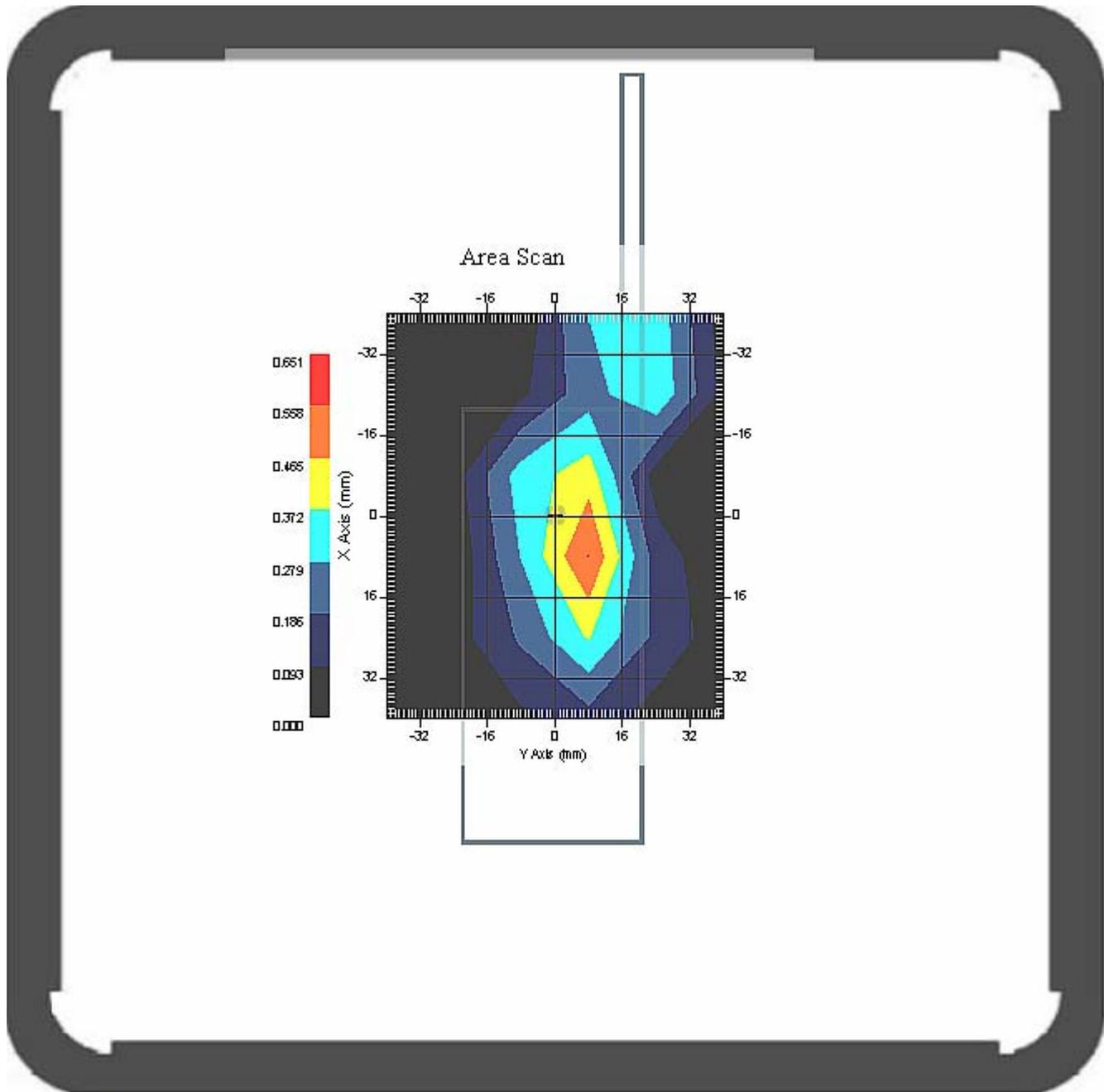
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 4
Scan Type : Complete
Tissue Temp. : 20.10 °C
Ambient Temp. : 20.70 °C
Set-up Date : 07-Sep-2008
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

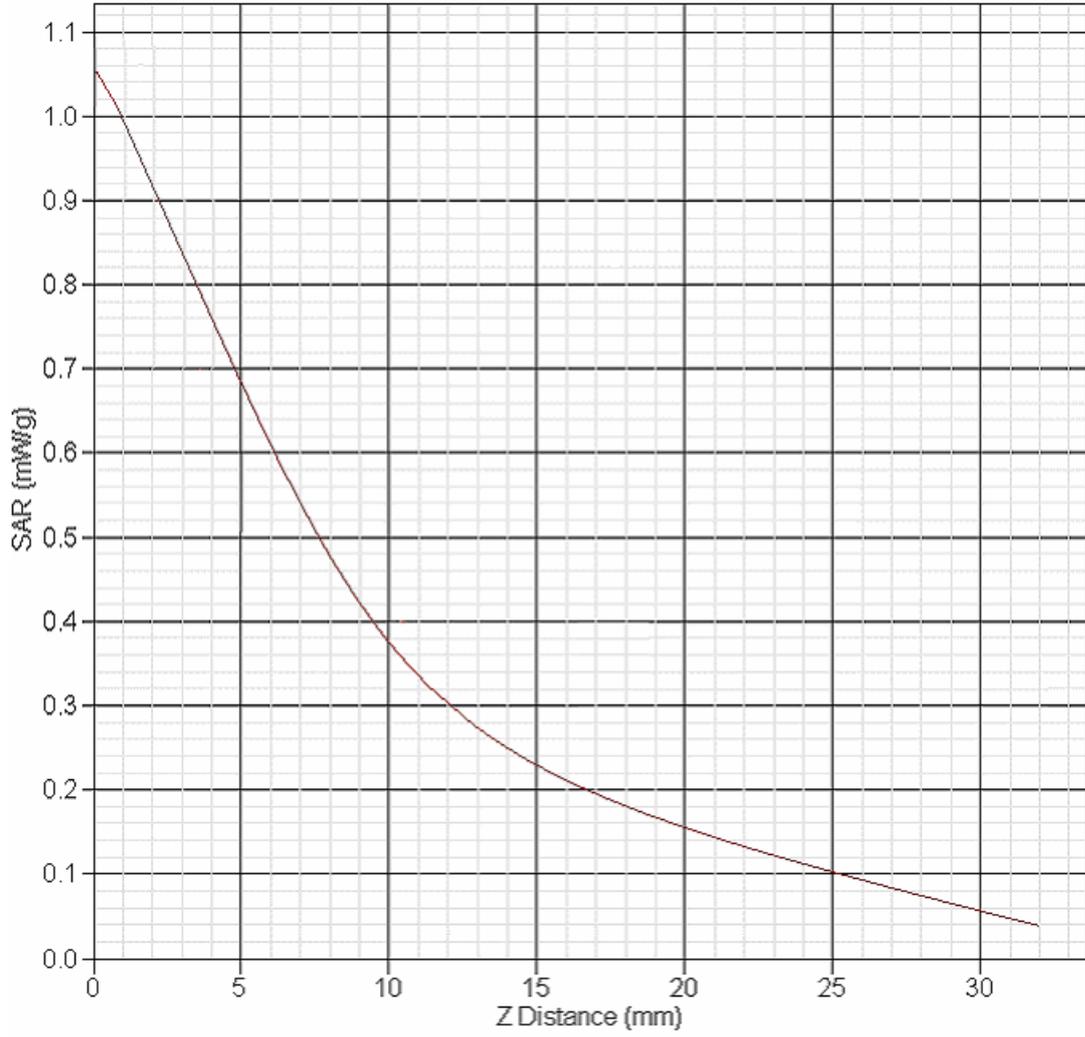
Other Data

DUT Position : Position 2, Antenna 180 degree, 10MHz QPSK
Separation : 0.4cm
Channel : 2685



1 gram SAR value : 0.573 W/kg
10 gram SAR value : 0.301 W/kg
Area Scan Peak SAR : 0.635 W/kg
Zoom Scan Peak SAR : 1.050 W/kg

SAR-Z Axis
at Hotspot x=2.12 y=-0.01



ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 07-Sep-2008

Measurement Date : 07-Sep-2008

Product Data

Device Name : ZTE

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 80 mm

Width : 35 mm

Depth : 11 mm

Antenna Type : Monopole

Power Drift-Start : 0.350 W/kg

Power Drift-Finish: 0.361 W/kg

Power Drift (%) : 3.210

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 : 07-Sep-2008

Temperature : 20.10 °C

Ambient Temp. : 20.70 °C

Humidity : 50.00 RH%

Epsilon : 52.57 F/m

Sigma : 2.04 S/m

Density : 1000.00 kg/cu. m

Probe Data

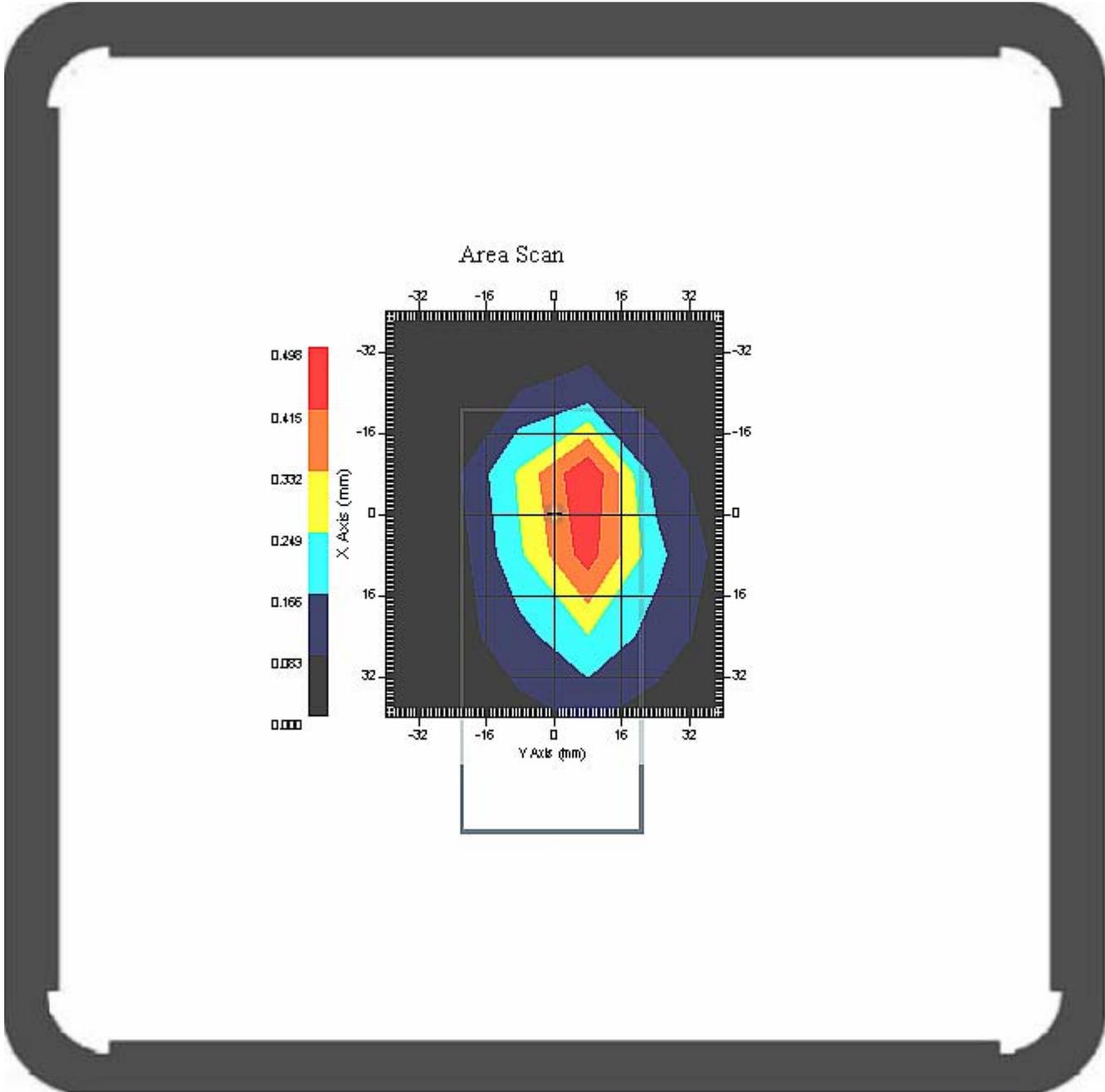
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 4
Scan Type : Complete
Tissue Temp. : 20.10 °C
Ambient Temp. : 20.70 °C
Set-up Date : 07-Sep-2008
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

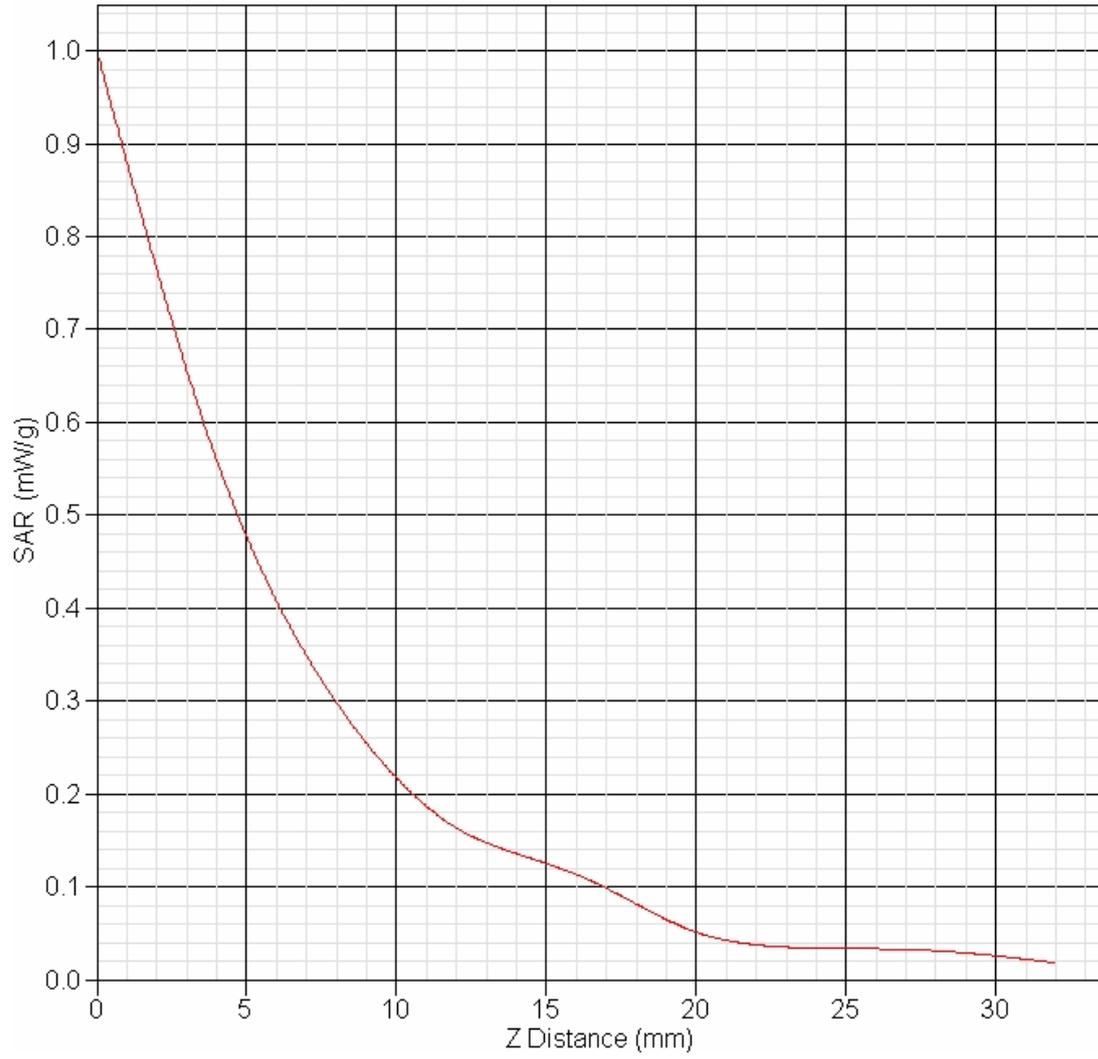
DUT Position : Position 2, Antenna 270 degree, 10MHz QPSK
Separation : 0.4cm
Channel : 2685



1 gram SAR value : 0.510 W/kg
10 gram SAR value : 0.242 W/kg
Area Scan Peak SAR : 0.498 W/kg
Zoom Scan Peak SAR : 1.000 W/kg

SAR-Z Axis

at Hotspot x:10.12 y:7.99



ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 07-Sep-2008

Measurement Date : 07-Sep-2008

Product Data

Device Name : ZTE

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 80 mm

Width : 35 mm

Depth : 11 mm

Antenna Type : Monopole

Power Drift-Start : 0.472 W/kg

Power Drift-Finish: 0.458 W/kg

Power Drift (%) : -2.997

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 : 07-Sep-2008

Temperature : 20.10 °C

Ambient Temp. : 20.70 °C

Humidity : 50.00 RH%

Epsilon : 52.57 F/m

Sigma : 2.04 S/m

Density : 1000.00 kg/cu. m

Probe Data

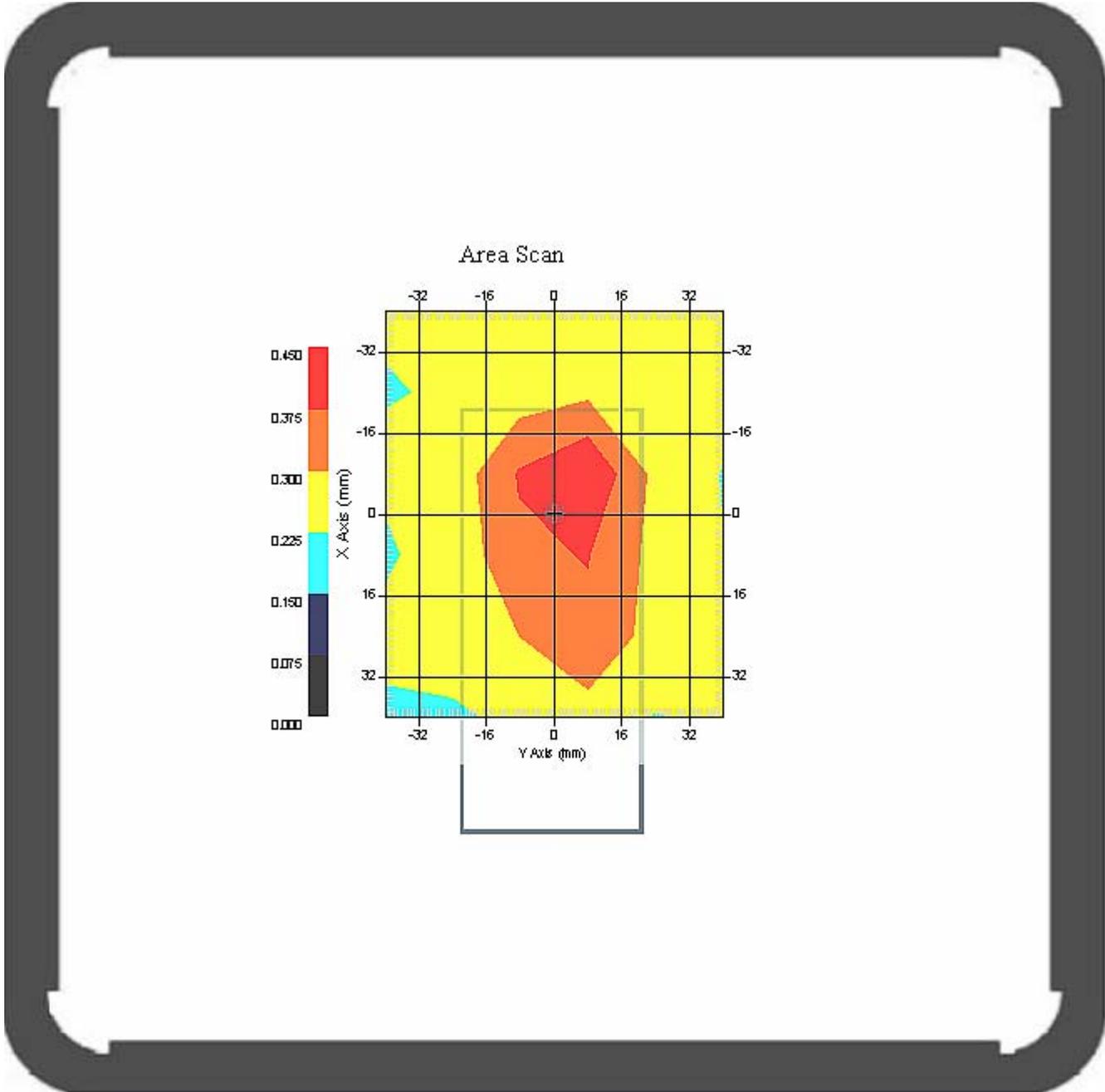
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 4
Scan Type : Complete
Tissue Temp. : 20.10 °C
Ambient Temp. : 20.70 °C
Set-up Date : 07-Sep-2008
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

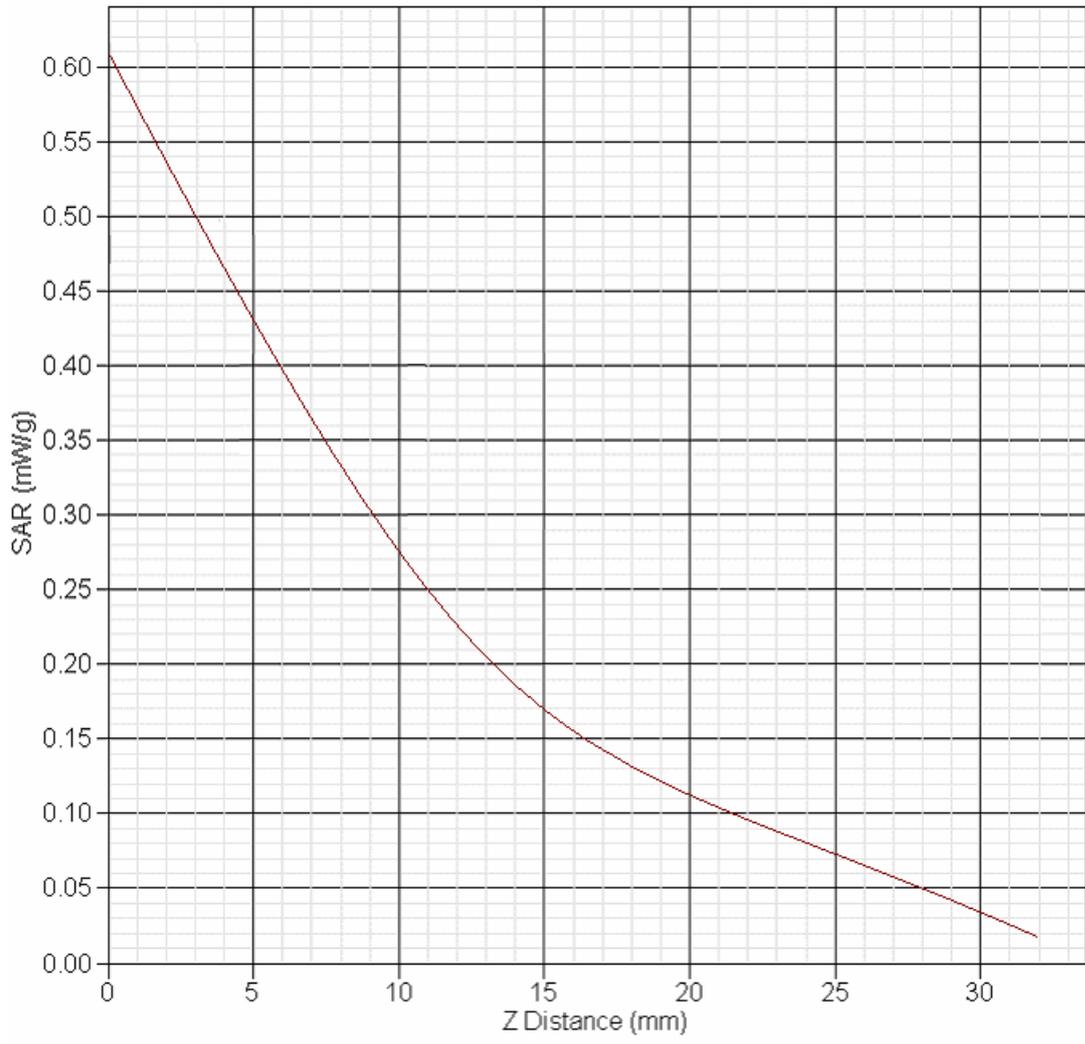
Other Data

DUT Position : Position 2, Antenna 0 degree, 10MHz 16QAM
Separation : 0.4cm
Channel : 2685



1 gram SAR value : 0.451 W/kg
10 gram SAR value : 0.328 W/kg
Area Scan Peak SAR : 0.487 W/kg
Zoom Scan Peak SAR : 0.610 W/kg

SAR-Z Axis
at Hotspot x:10.05 y:-0.01



ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 07-Sep-2008

Measurement Date : 07-Sep-2008

Product Data

Device Name : ZTE

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 80 mm

Width : 35 mm

Depth : 11 mm

Antenna Type : Monopole

Power Drift-Start : 0.299 W/kg

Power Drift-Finish: 0.309 W/kg

Power Drift (%) : 2.343

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 : 07-Sep-2008

Temperature : 20.10 °C

Ambient Temp. : 20.70 °C

Humidity : 50.00 RH%

Epsilon : 52.57 F/m

Sigma : 2.04 S/m

Density : 1000.00 kg/cu. m

Probe Data

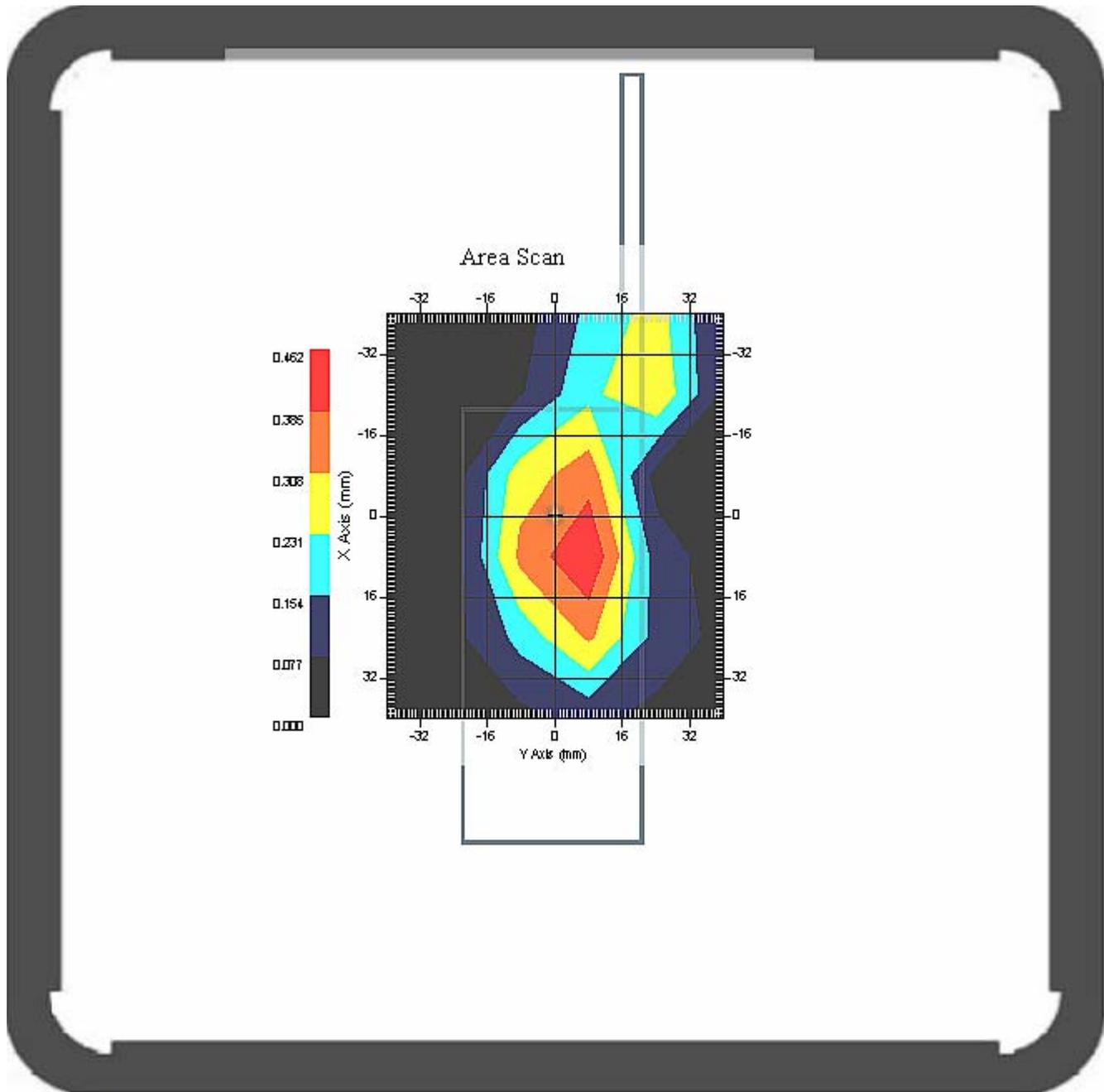
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 4
Scan Type : Complete
Tissue Temp. : 20.10 °C
Ambient Temp. : 20.70 °C
Set-up Date : 07-Sep-2008
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

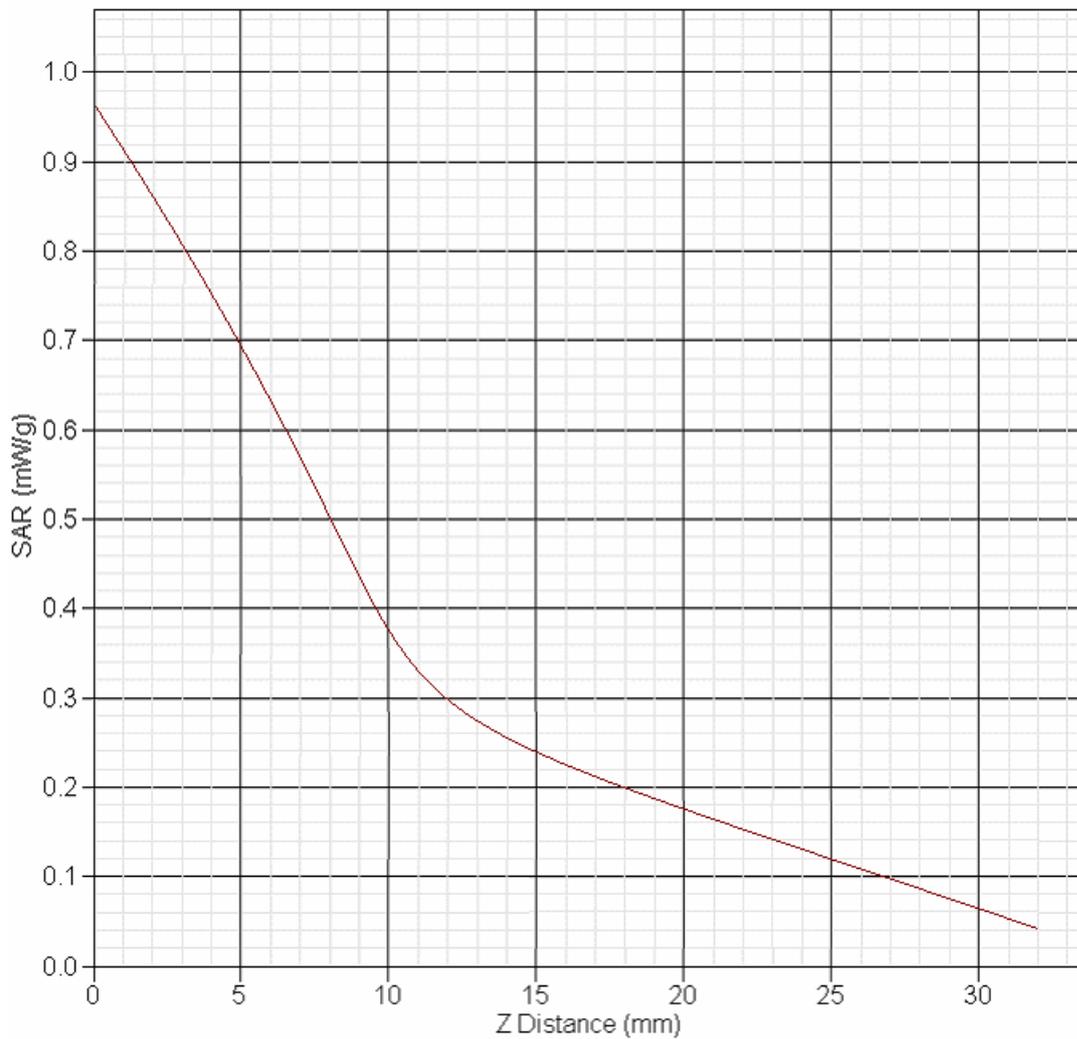
Other Data

DUT Position : Position 2, Antenna 180 degree, 10MHz 16QAM
Separation : 0.4cm
Channel : 2685



1 gram SAR value : 0.482 W/kg
10 gram SAR value : 0.201 W/kg
Area Scan Peak SAR : 0.522 W/kg
Zoom Scan Peak SAR : 0.960 W/kg

SAR-Z Axis
at Hotspot x:0.07 y:0.07



ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 07-Sep-2008

Measurement Date : 07-Sep-2008

Product Data

Device Name : ZTE

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 80 mm

Width : 35 mm

Depth : 11 mm

Antenna Type : Monopole

Power Drift-Start : 0.363 W/kg

Power Drift-Finish: 0.364 W/kg

Power Drift (%) : 0.020

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 : 07-Sep-2008

Temperature : 20.10 °C

Ambient Temp. : 20.70 °C

Humidity : 50.00 RH%

Epsilon : 52.57 F/m

Sigma : 2.04 S/m

Density : 1000.00 kg/cu. m

Probe Data

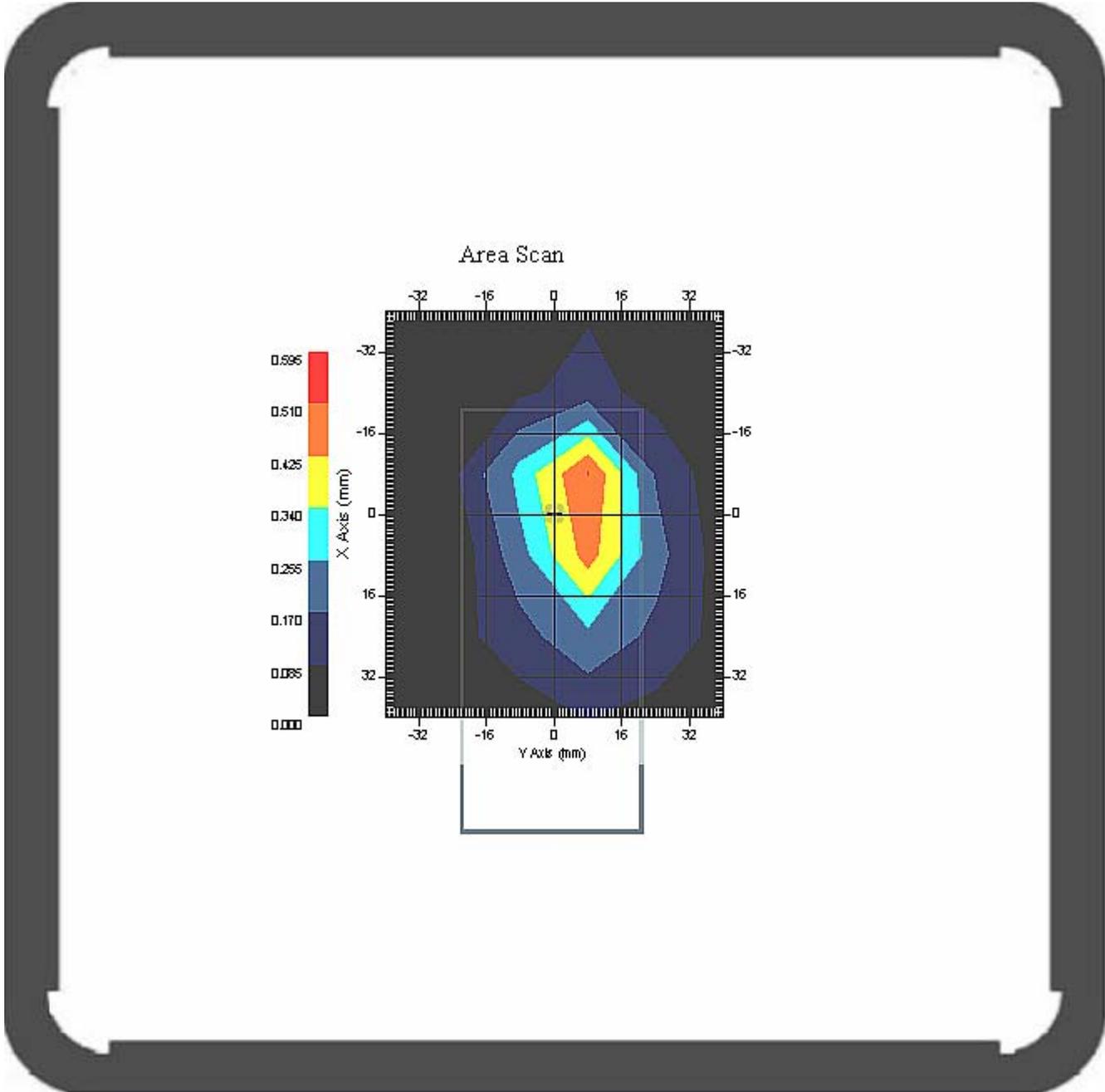
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 4
Scan Type : Complete
Tissue Temp. : 20.10 °C
Ambient Temp. : 20.70 °C
Set-up Date : 07-Sep-2008
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

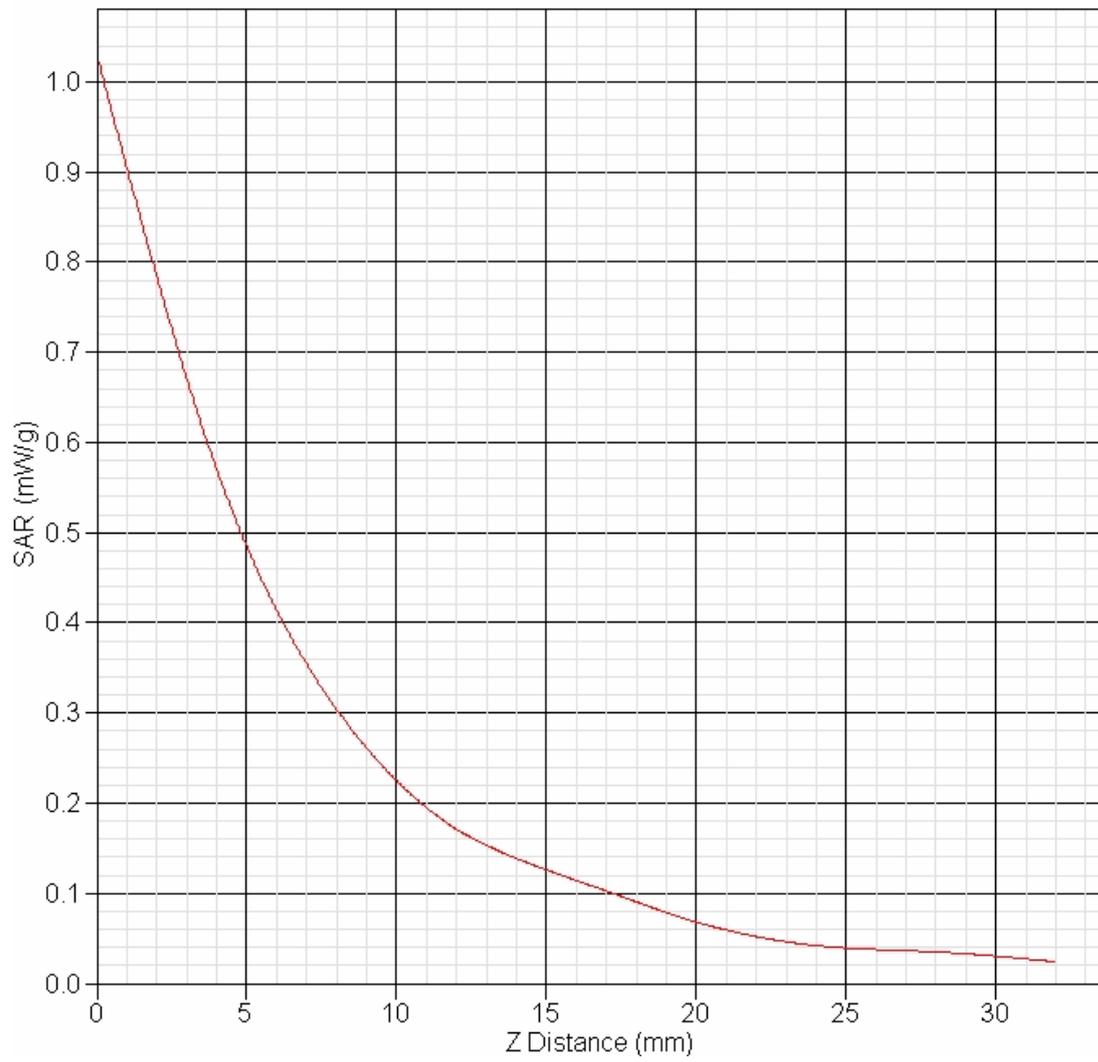
DUT Position : Position 2, Antenna 270 degree, 10MHz 16QAM
Separation : 0.4cm
Channel : 2685



1 gram SAR value : 0.512 W/kg
10 gram SAR value : 0.243 W/kg
Area Scan Peak SAR : 0.511 W/kg
Zoom Scan Peak SAR : 1.030 W/kg

SAR-Z Axis

at Hotspot x:10.13 y:7.99



ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 11-Sep-2008

Measurement Date : 11-Sep-2008

Product Data

Device Name : ZTE

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 80 mm

Width : 11 mm

Depth : 35 mm

Antenna Type : Monopole

Power Drift-Start : 0.279 W/kg

Power Drift-Finish: 0.283 W/kg

Power Drift (%) : 1.433

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 : 11-Sep-2008

Temperature : 20.20 °C

Ambient Temp. : 20.70 °C

Humidity : 51.00 RH%

Epsilon : 52.33 F/m

Sigma : 2.05 S/m

Density : 1000.00 kg/cu. m

Probe Data

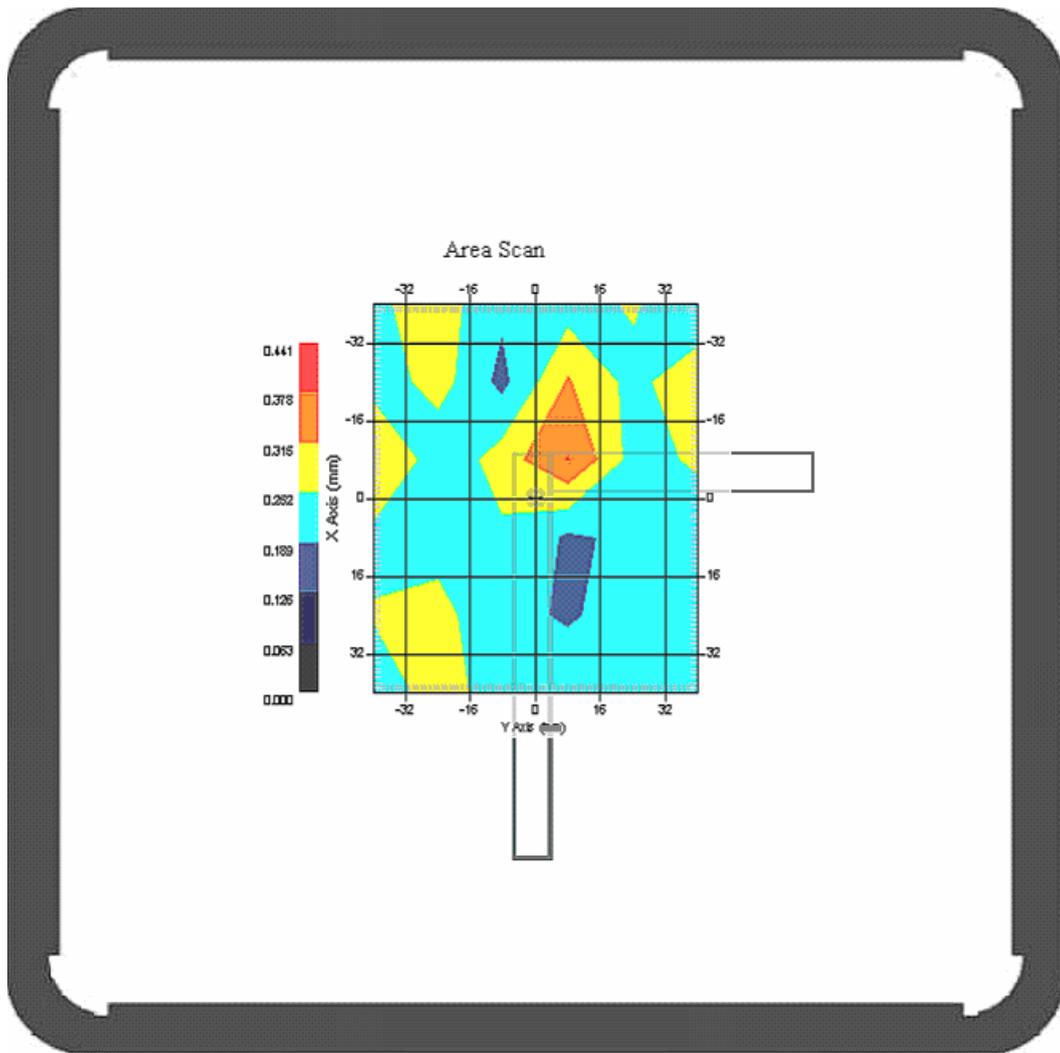
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 4
Scan Type : Complete
Tissue Temp. : 20.20 °C
Ambient Temp. : 20.70 °C
Set-up Date : 11-Sep-2008
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

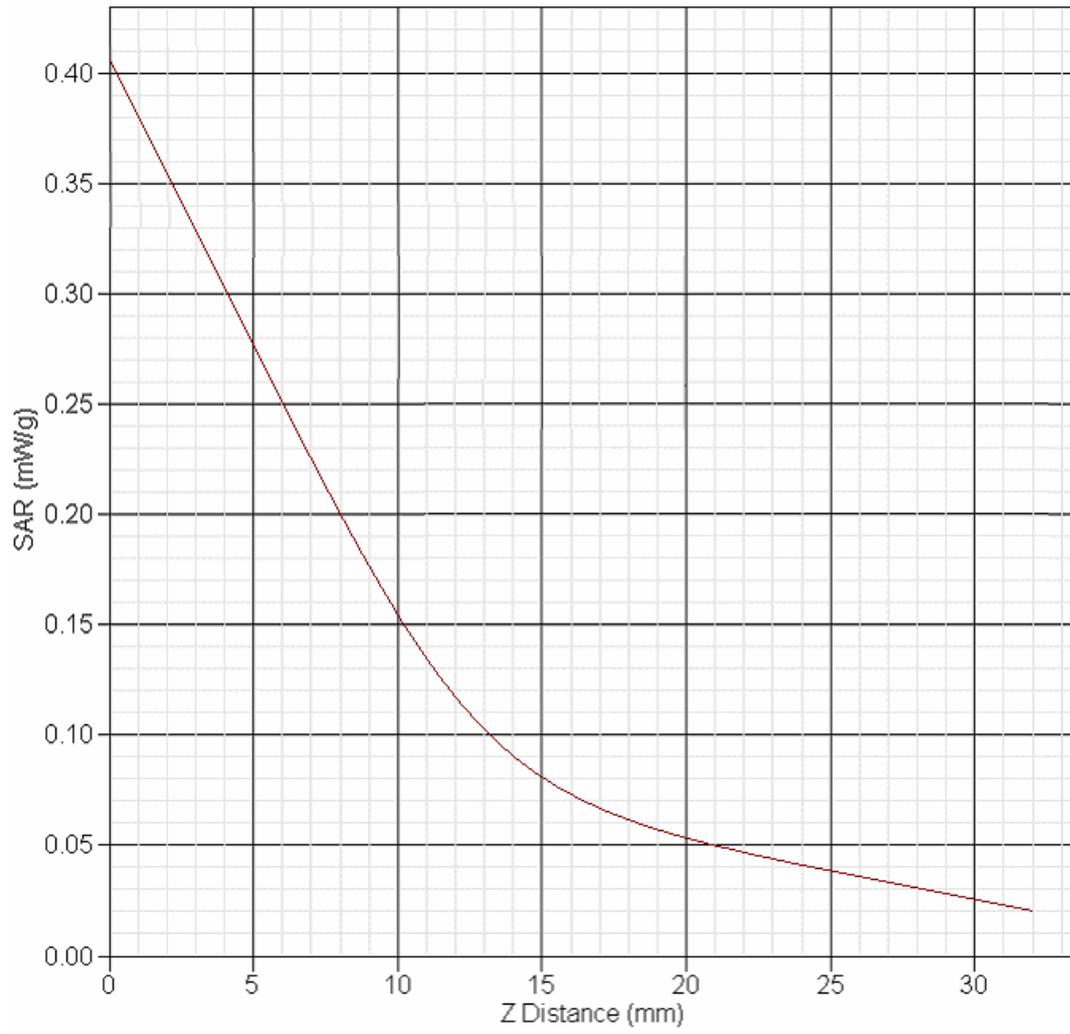
Other Data

DUT Position : Position 3, Antenna 90 degree, 5MHz QPSK
Separation : 0.4cm
Channel : 2685



1 gram SAR value : 0.320 W/kg
10 gram SAR value : 0.257 W/kg
Area Scan Peak SAR : 0.414 W/kg
Zoom Scan Peak SAR : 0.410 W/kg

SAR-Z Axis
at Hotspot x:-13.93 y:-0.01



ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 07-Sep-2008

Measurement Date : 07-Sep-2008

Product Data

Device Name : ZTE

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 80 mm

Width : 11 mm

Depth : 35 mm

Antenna Type : Monopole

Power Drift-Start : 0.380 W/kg

Power Drift-Finish: 0.373 W/kg

Power Drift (%) : -1.861

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 : 07-Sep-2008

Temperature : 20.10 °C

Ambient Temp. : 20.70 °C

Humidity : 50.00 RH%

Epsilon : 52.57 F/m

Sigma : 2.04 S/m

Density : 1000.00 kg/cu. m

Probe Data

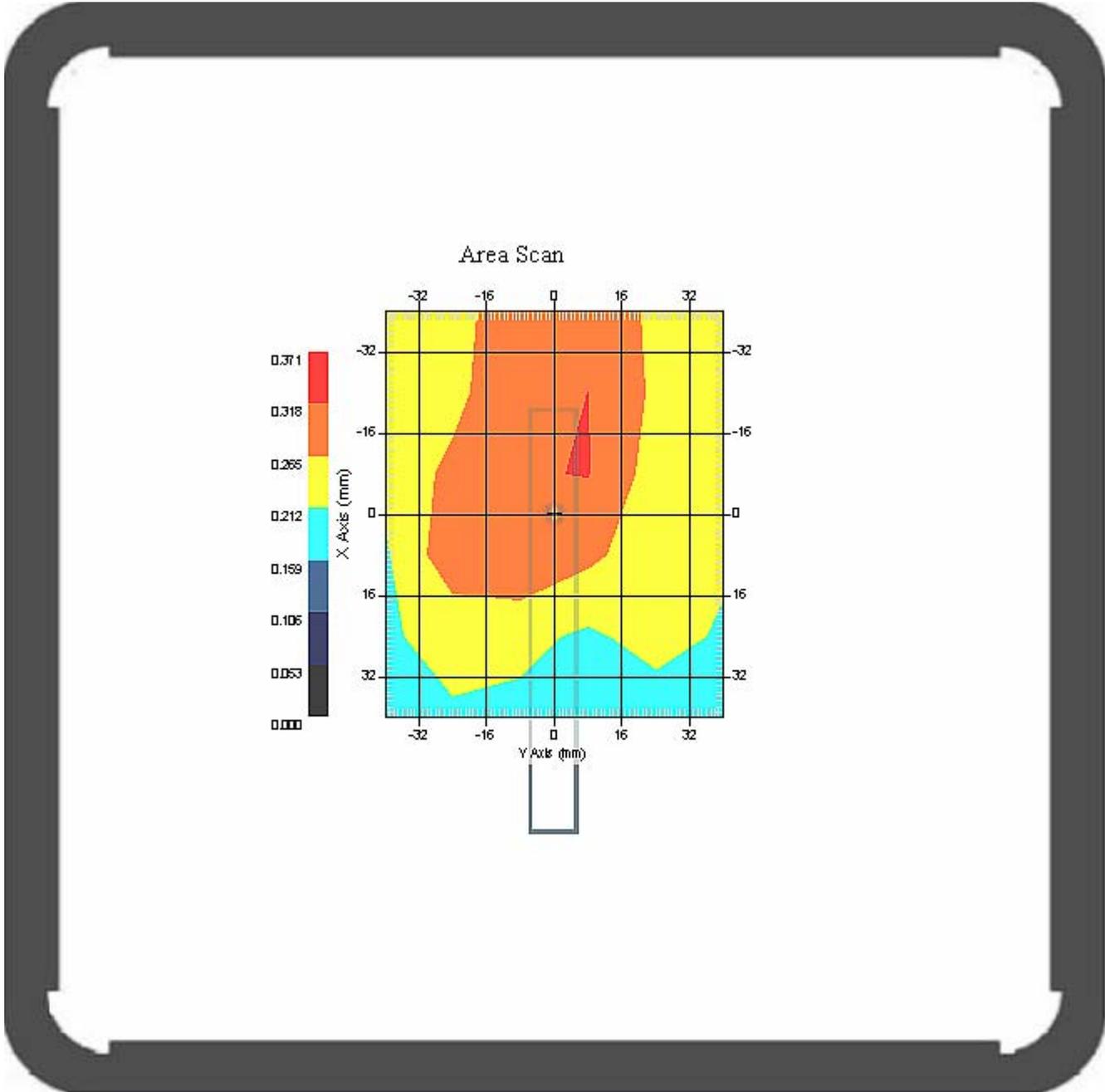
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 4
Scan Type : Complete
Tissue Temp. : 20.10 °C
Ambient Temp. : 20.70 °C
Set-up Date : 07-Sep-2008
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

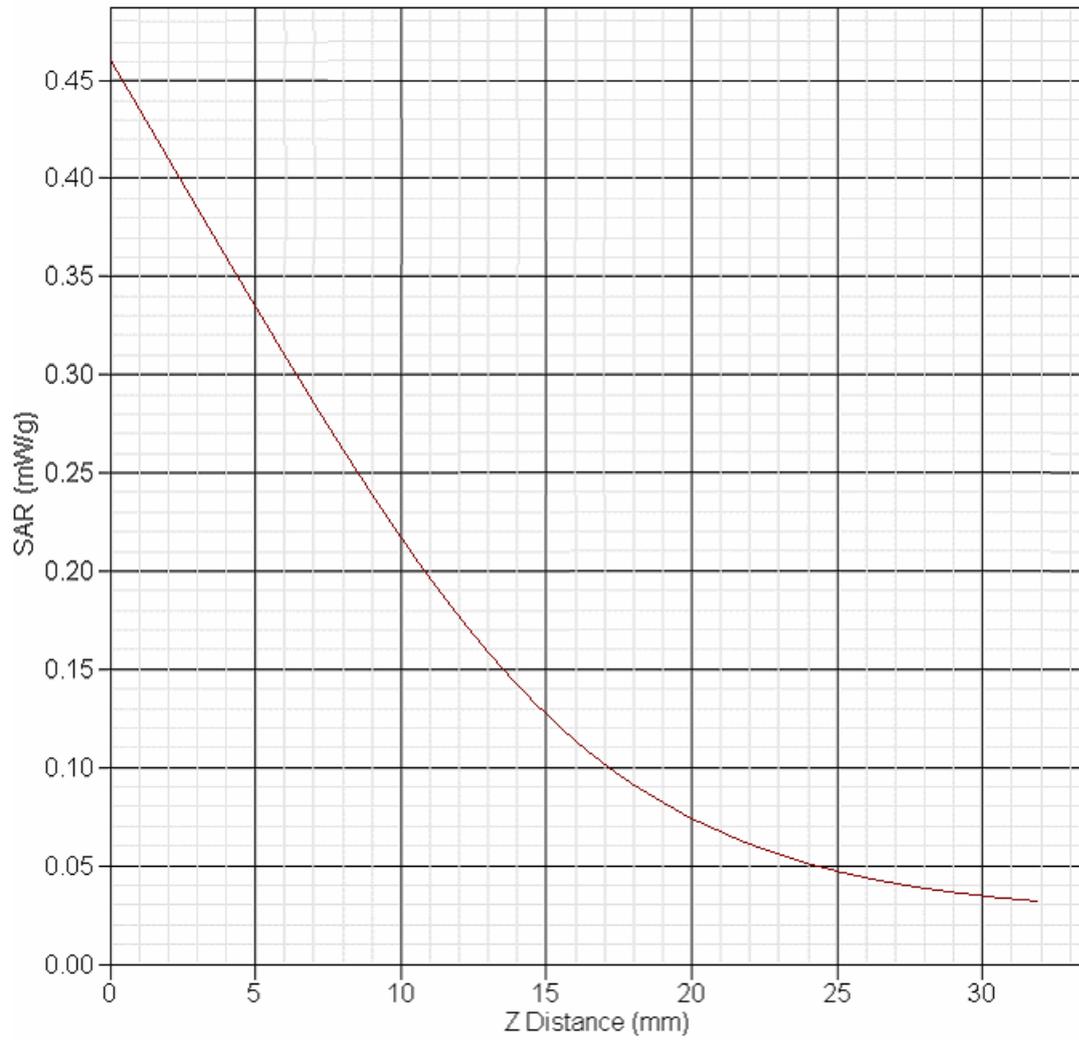
DUT Position : Position 3, antenna 0 degree, 10MHz QPSK
Separation : 0.4cm
Channel : 2685



1 gram SAR value : 0.302 W/kg
10 gram SAR value : 0.247 W/kg
Area Scan Peak SAR : 0.320 W/kg
Zoom Scan Peak SAR : 0.460 W/kg

SAR-Z Axis

at Hotspot x:10.06 y:-0.01



ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 07-Sep-2008

Measurement Date : 07-Sep-2008

Product Data

Device Name : ZTE

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 80 mm

Width : 11 mm

Depth : 35 mm

Antenna Type : Monopole

Power Drift-Start : 0.383 W/kg

Power Drift-Finish: 0.391 W/kg

Power Drift (%) : 2.040

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 : 07-Sep-2008

Temperature : 20.10 °C

Ambient Temp. : 20.70 °C

Humidity : 50.00 RH%

Epsilon : 52.57 F/m

Sigma : 2.04 S/m

Density : 1000.00 kg/cu. m

Probe Data

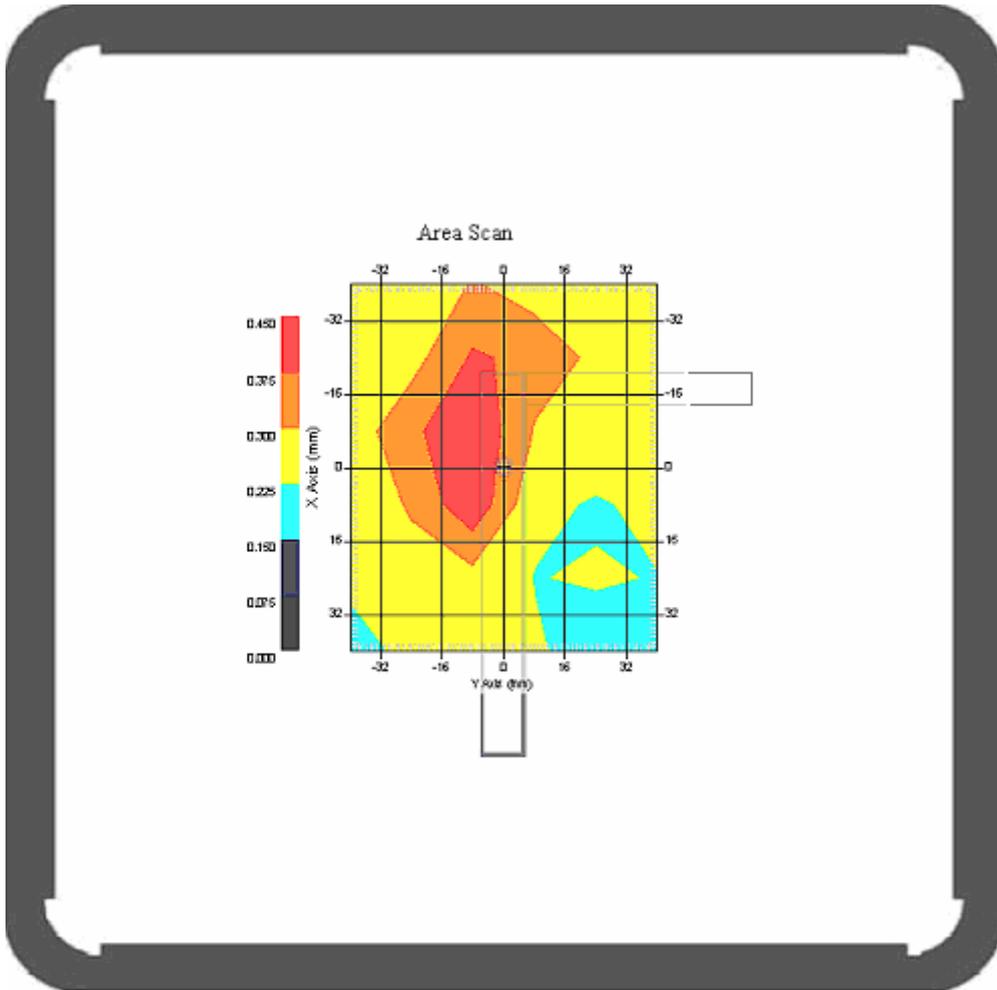
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 4
Scan Type : Complete
Tissue Temp. : 20.10 °C
Ambient Temp. : 20.70 °C
Set-up Date : 07-Sep-2008
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

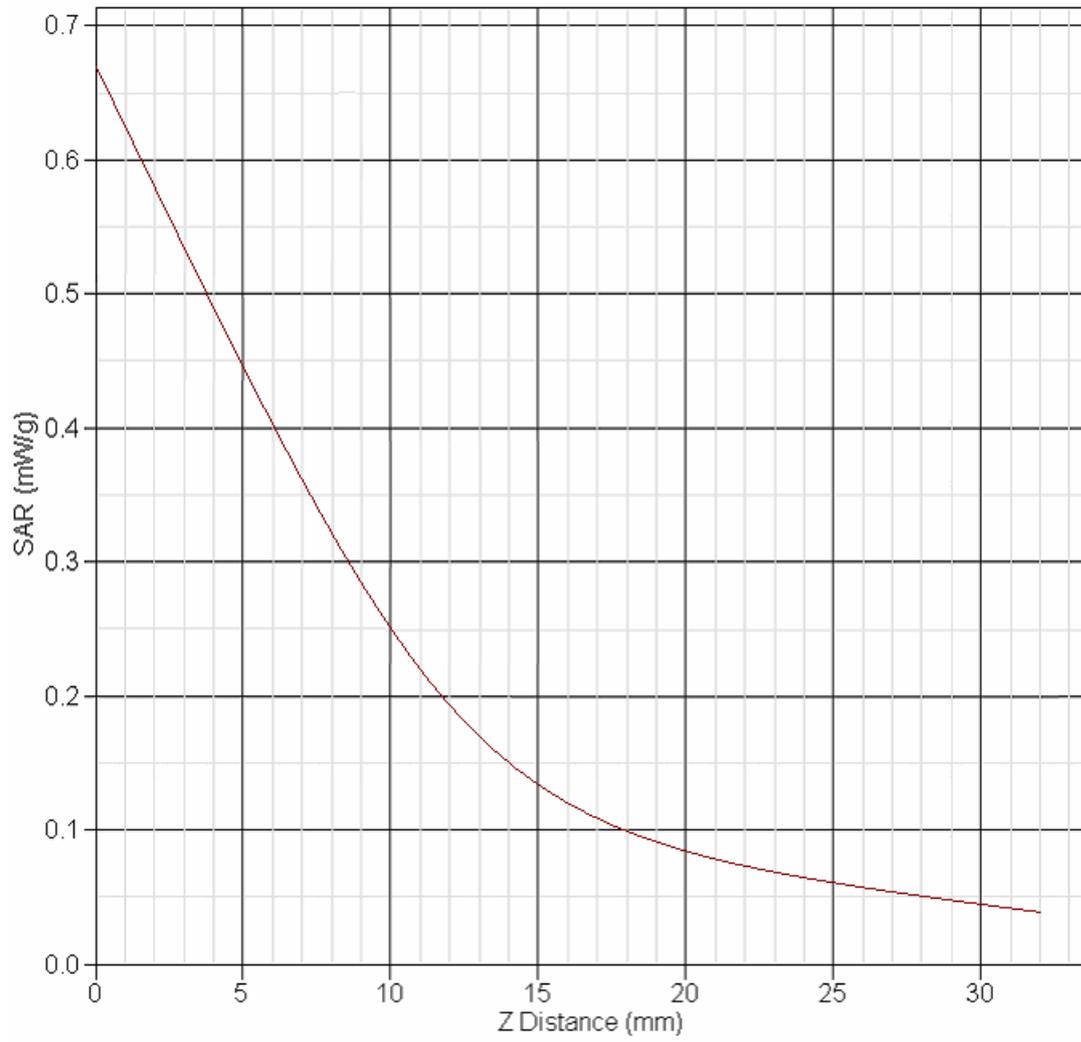
DUT Position : Position 3, antenna 90 degree, 10MHz QPSK
Separation : 0.4cm
Channel : 2685



1 gram SAR value : 0.434 W/kg
10 gram SAR value : 0.334 W/kg
Area Scan Peak SAR : 0.448 W/kg
Zoom Scan Peak SAR : 0.680 W/kg

SAR-Z Axis

at Hotspot x:10.12 y:-0.02



ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 07-Sep-2008

Measurement Date : 07-Sep-2008

Product Data

Device Name : ZTE

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 80 mm

Width : 11 mm

Depth : 35 mm

Antenna Type : Monopole

Power Drift-Start : 0.328 W/kg

Power Drift-Finish: 0.333 W/kg

Power Drift (%) : 1.670

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 : 07-Sep-2008

Temperature : 20.20 °C

Ambient Temp. : 20.70 °C

Humidity : 51.00 RH%

Epsilon : 52.32 F/m

Sigma : 2.06 S/m

Density : 1000.00 kg/cu. m

Probe Data

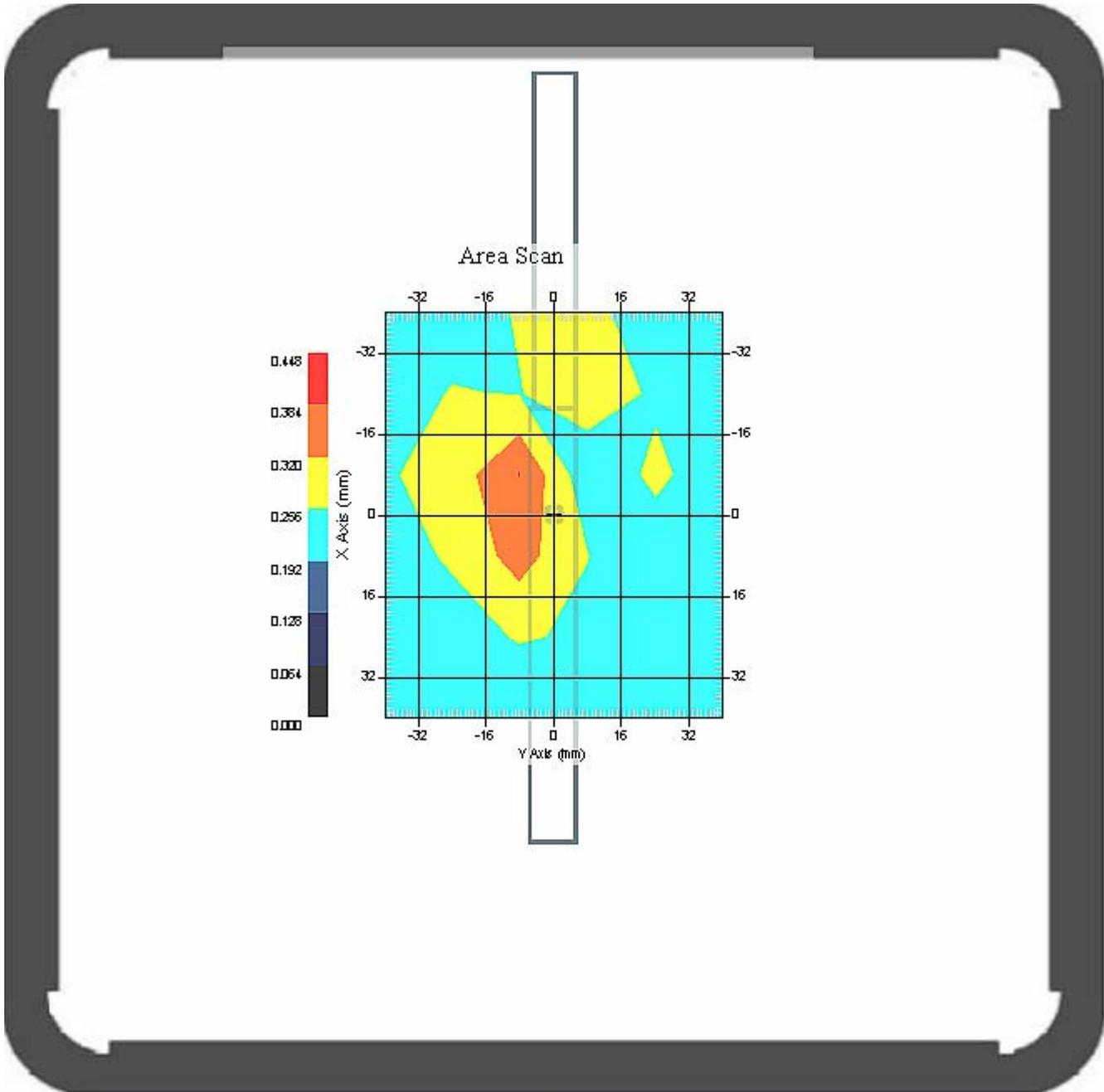
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 4
Scan Type : Complete
Tissue Temp. : 20.20 °C
Ambient Temp. : 20.70 °C
Set-up Date : 07-Sep-2008
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

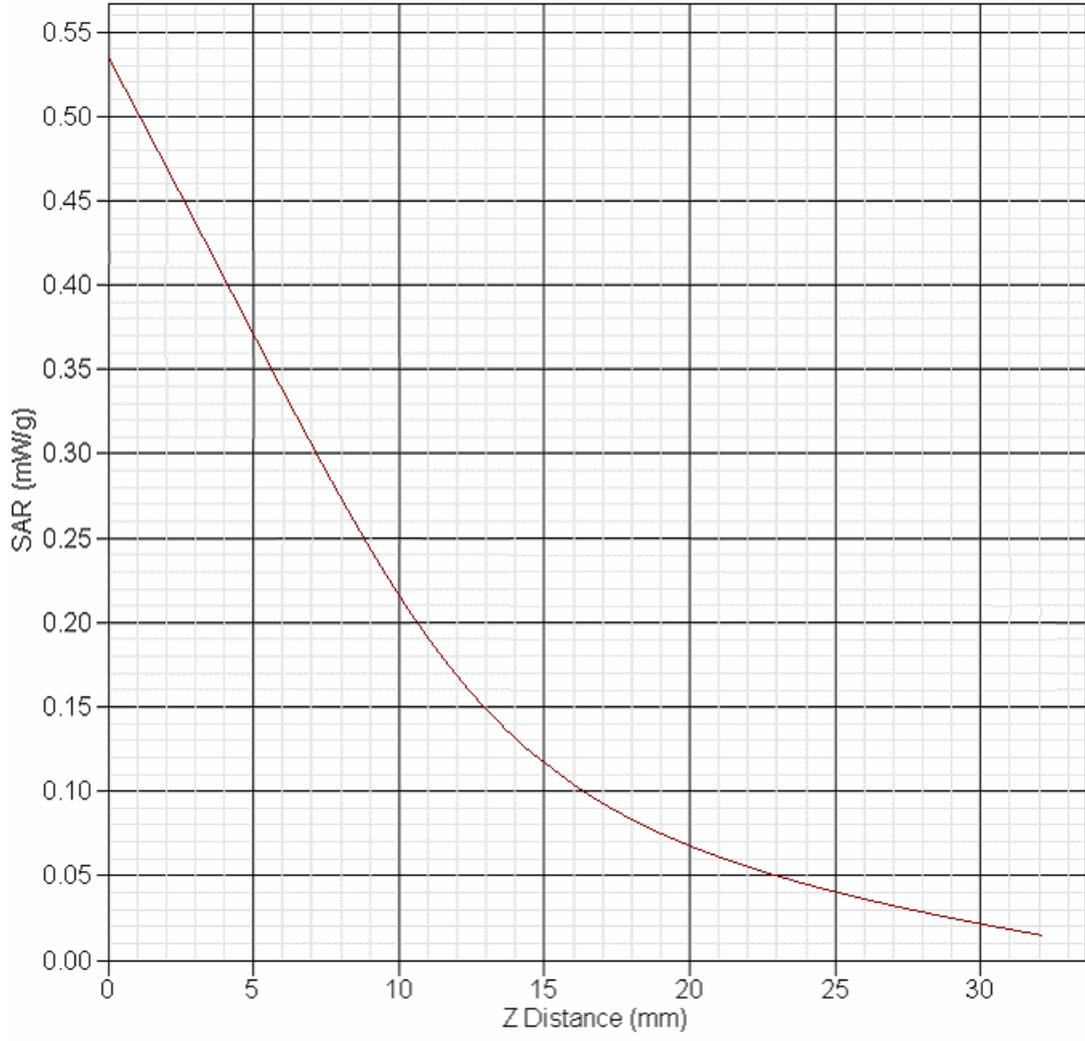
Other Data

DUT Position : Position 3, antenna 180 degree, 10MHz QPSK
Separation : 0.4cm
Channel : 2685



1 gram SAR value : 0.405 W/kg
10 gram SAR value : 0.251 W/kg
Area Scan Peak SAR : 0.441 W/kg
Zoom Scan Peak SAR : 0.540 W/kg

SAR-Z Axis
at Hotspot x=-5.94 y=-0.01



ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 07-Sep-2008

Measurement Date : 07-Sep-2008

Product Data

Device Name : ZTE

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 100 mm

Width : 13 mm

Depth : 44 mm

Antenna Type : Monopole

Power Drift-Start : 0.301 W/kg

Power Drift-Finish: 0.292 W/kg

Power Drift (%) : -2.860

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 : 07-Sep-2008

Temperature : 20.20 °C

Ambient Temp. : 20.70 °C

Humidity : 51.00 RH%

Epsilon : 52.32 F/m

Sigma : 2.06 S/m

Density : 1000.00 kg/cu. m

Probe Data

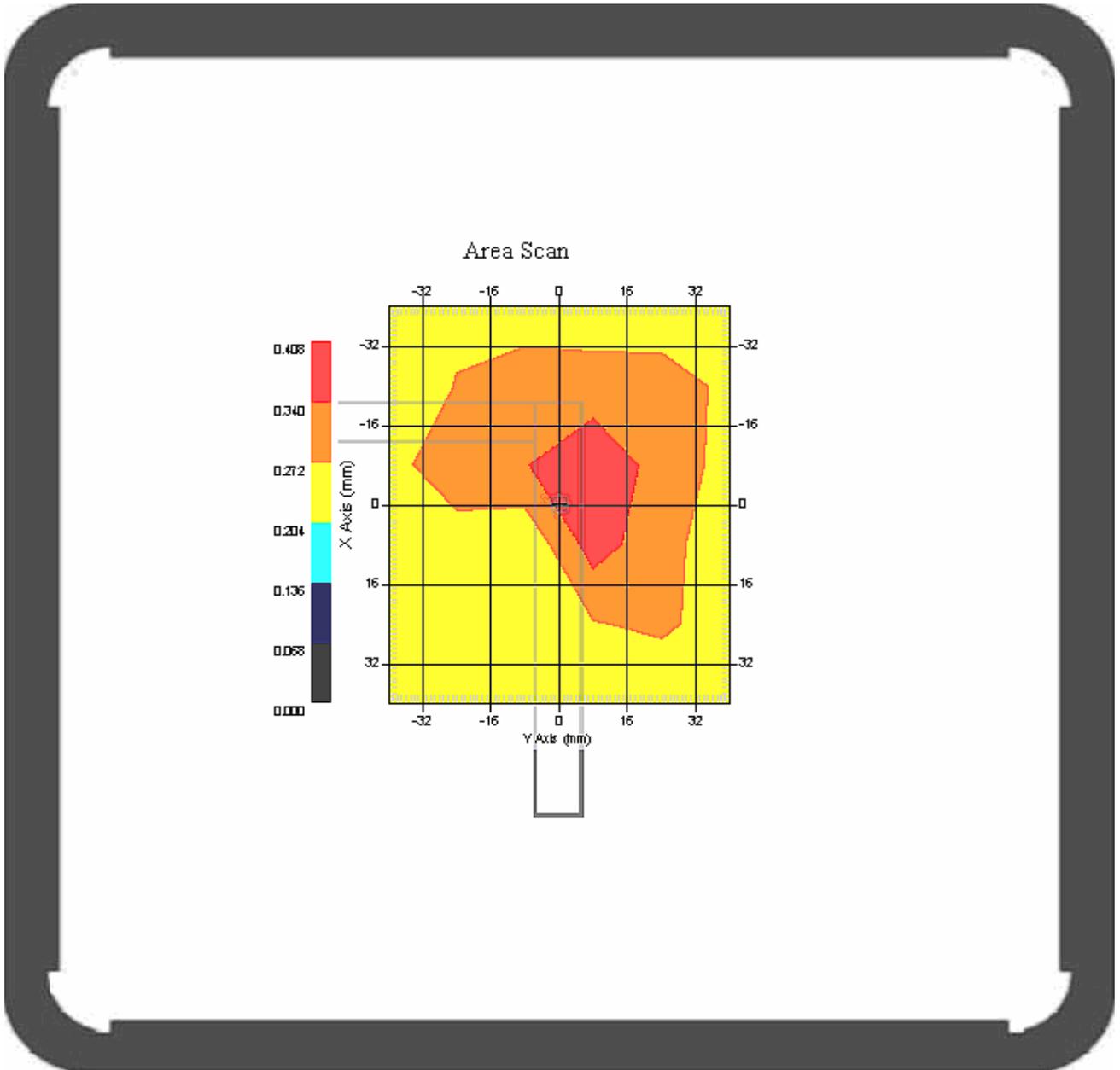
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 4
Scan Type : Complete
Tissue Temp. : 20.20 °C
Ambient Temp. : 20.70 °C
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

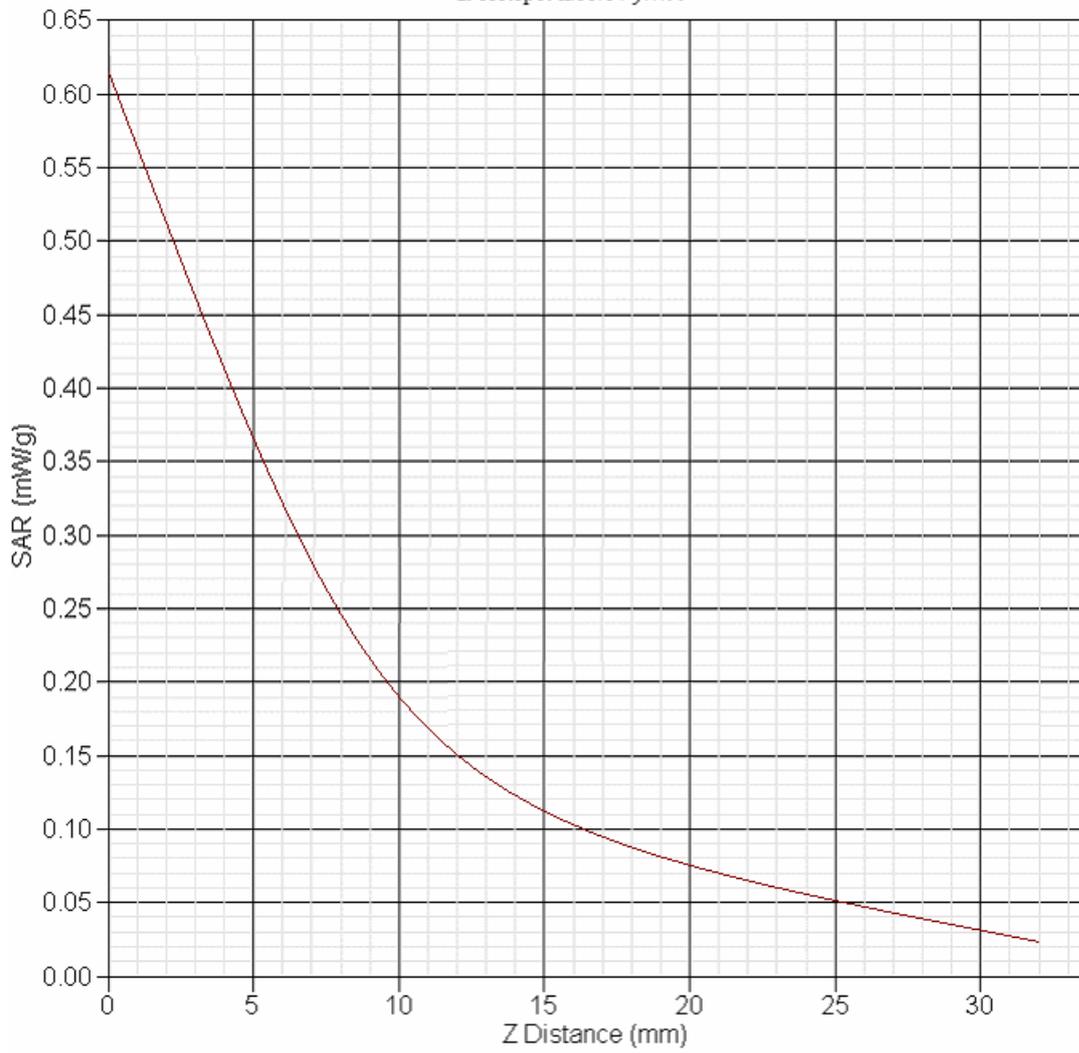
DUT Position : Position 3, antenna 270 degree, 10MHz QPSK
Separation : 0.4cm
Channel : 2685



1 gram SAR value : 0.397 W/kg
10 gram SAR value : 0.276 W/kg
Area Scan Peak SAR : 0.417 W/kg
Zoom Scan Peak SAR : 0.620 W/kg

SAR-Z Axis

at Hotspot x:18.04 y:7.99



ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 07-Sep-2008

Measurement Date : 07-Sep-2008

Product Data

Device Name : ZTE

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 80 mm

Width : 11 mm

Depth : 35 mm

Antenna Type : Monopole

Power Drift-Start : 0.312 W/kg

Power Drift-Finish: 0.324 W/kg

Power Drift (%) : 3.552

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 : 07-Sep-2008

Temperature : 20.10 °C

Ambient Temp. : 20.70 °C

Humidity : 50.00 RH%

Epsilon : 52.57 F/m

Sigma : 2.04 S/m

Density : 1000.00 kg/cu. m

Probe Data

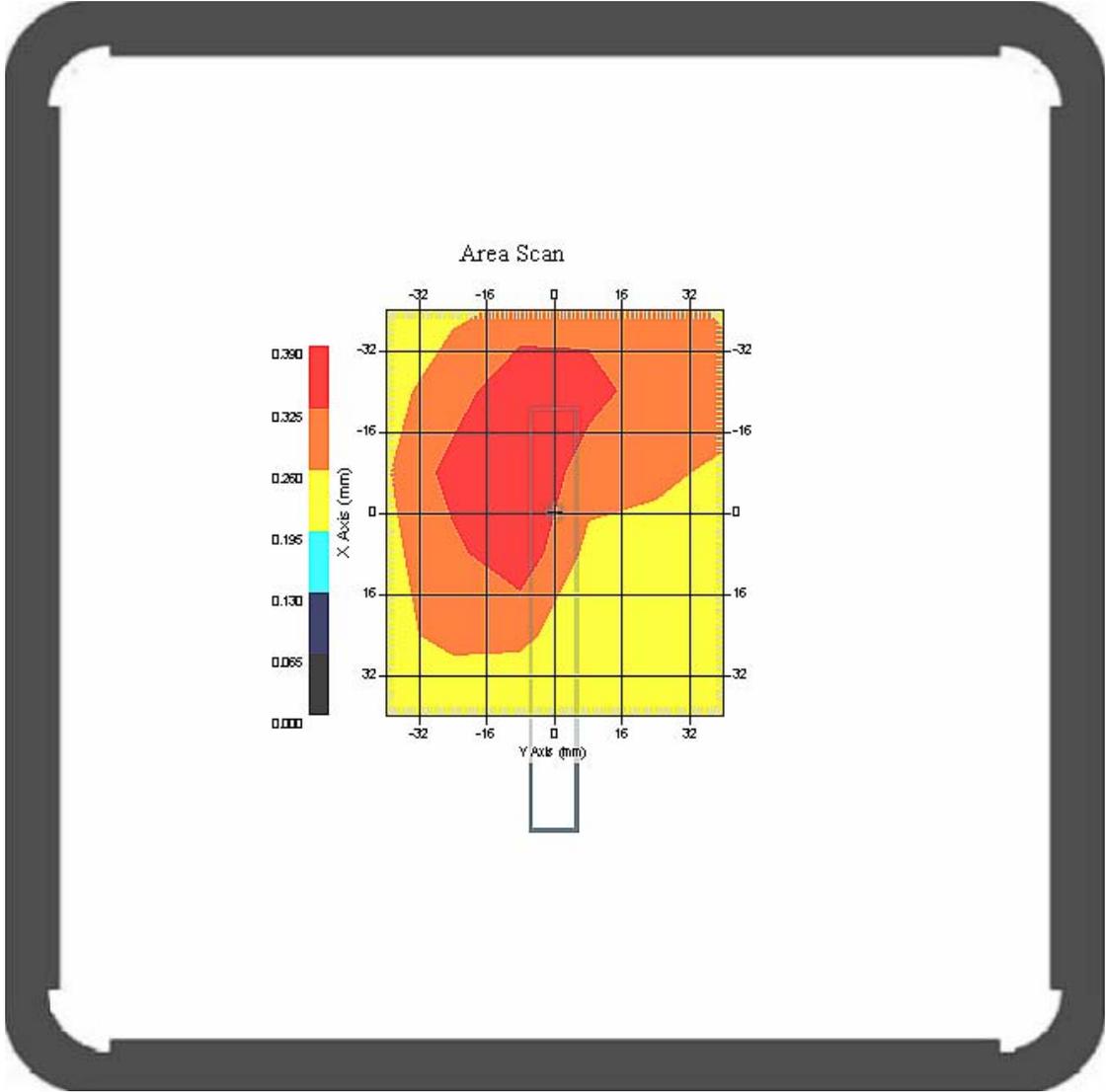
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 4
Scan Type : Complete
Tissue Temp. : 20.10 °C
Ambient Temp. : 20.70 °C
Set-up Date : 07-Sep-2008
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

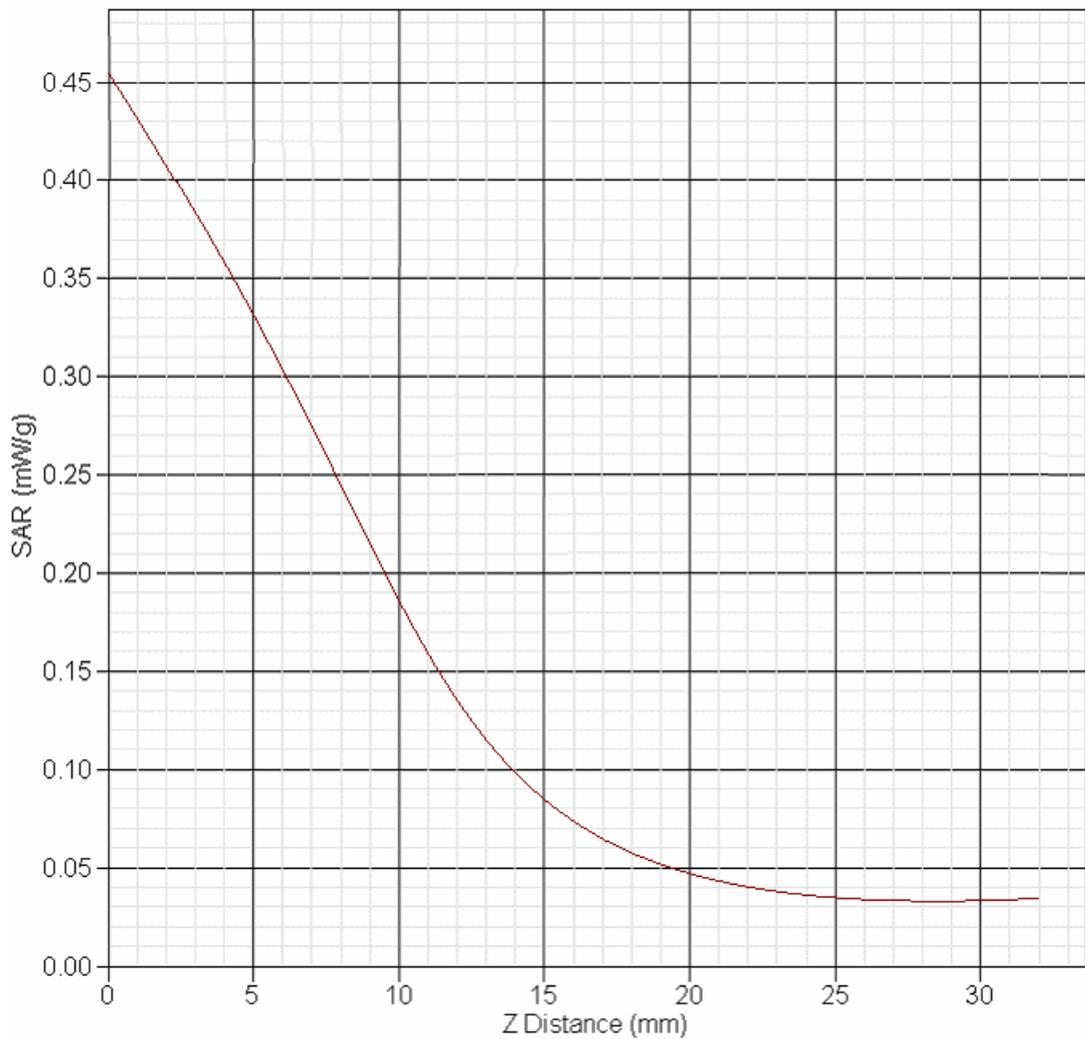
Other Data

DUT Position : Position 3, antenna 0 degree, 10MHz 16QAM
Separation : 0.4cm
Channel : 2685



1 gram SAR value : 0.330 W/kg
10 gram SAR value : 0.251 W/kg
Area Scan Peak SAR : 0.340 W/kg
Zoom Scan Peak SAR : 0.454 W/kg

SAR-Z Axis
at Hotspot x:0.06 y:-0.61



ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 07-Sep-2008

Measurement Date : 07-Sep-2008

Product Data

Device Name : ZTE

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 80 mm

Width : 11 mm

Depth : 35 mm

Antenna Type : Monopole

Power Drift-Start : 0.405 W/kg

Power Drift-Finish: 0.393 W/kg

Power Drift (%) : -3.131

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 : 07-Sep-2008

Temperature : 20.10 °C

Ambient Temp. : 20.70 °C

Humidity : 50.00 RH%

Epsilon : 52.57 F/m

Sigma : 2.04 S/m

Density : 1000.00 kg/cu. m

Probe Data

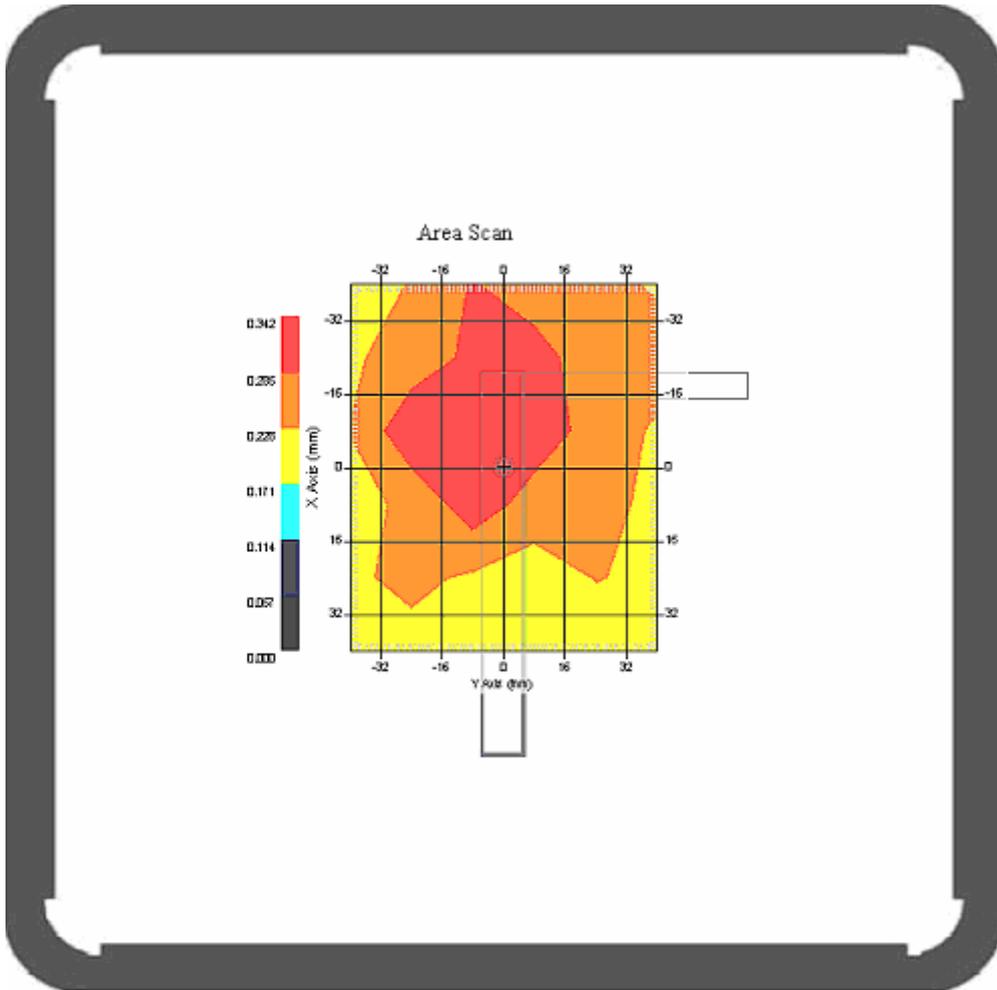
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 4
Scan Type : Complete
Tissue Temp. : 20.10 °C
Ambient Temp. : 20.70 °C
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm

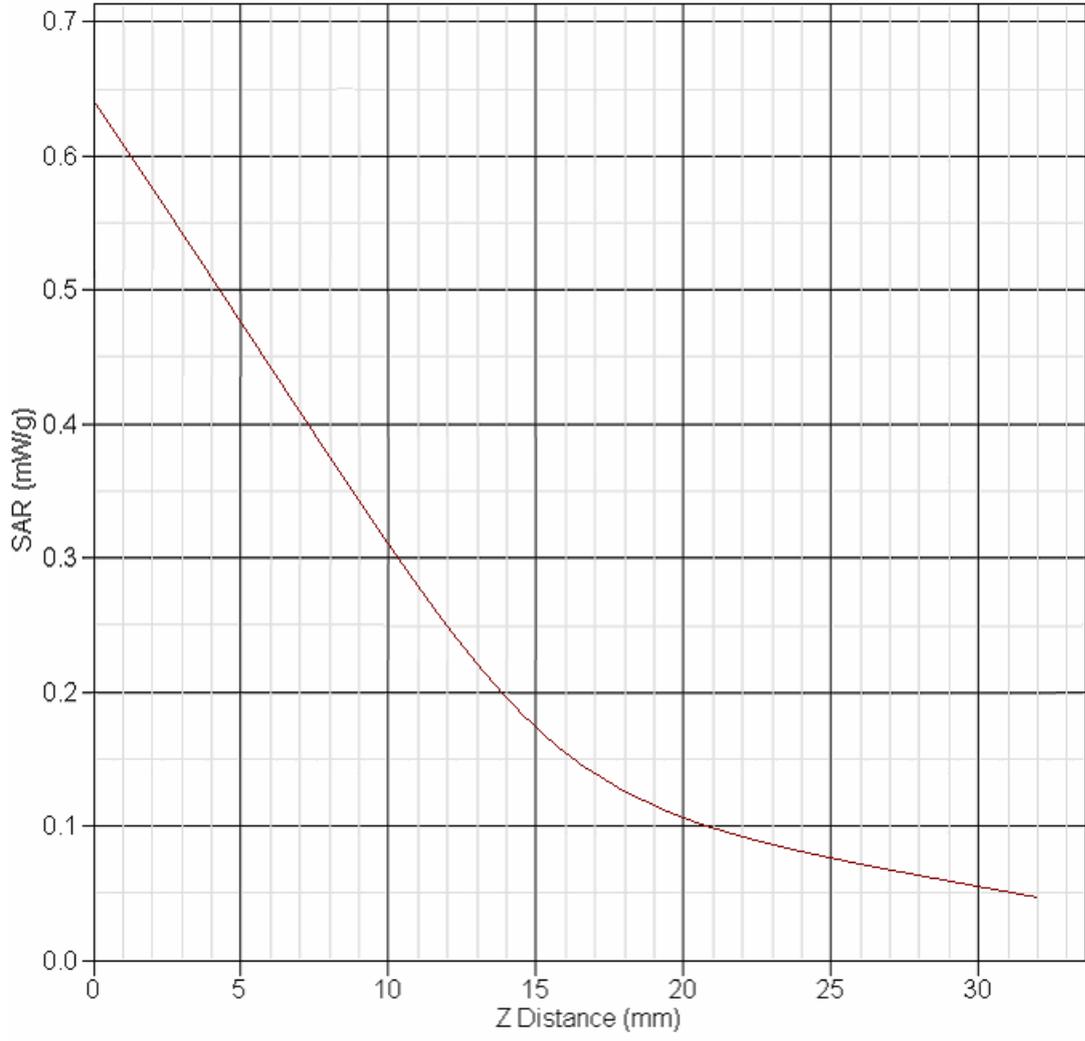
Other Data

DUT Position : Position 3, antenna 90 degree, 10MHz 16QAM
Separation : 0.4cm
Channel : 2685



1 gram SAR value : 0.411 W/kg
10 gram SAR value : 0.320 W/kg
Area Scan Peak SAR : 0.421 W/kg
Zoom Scan Peak SAR : 0.643 W/kg

SAR-Z Axis
at Hotspot x:10.12 y:-0.12



ALSAS-10U VER 2.3.6

APREL Laboratories

SAR Test Report

Report Date : 07-Sep-2008

Measurement Date : 07-Sep-2008

Product Data

Device Name : ZTE

Type : Other

Model : TU25

Frequency : 2600.00 MHz

Length : 80 mm

Width : 11 mm

Depth : 35 mm

Antenna Type : Monopole

Power Drift-Start : 0.332 W/kg

Power Drift-Finish: 0.335 W/kg

Power Drift (%) : 0.875

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 : 07-Sep-2008

Temperature : 20.20 °C

Ambient Temp. : 20.70 °C

Humidity : 51.00 RH%

Epsilon : 52.32 F/m

Sigma : 2.06 S/m

Density : 1000.00 kg/cu. m

Probe Data

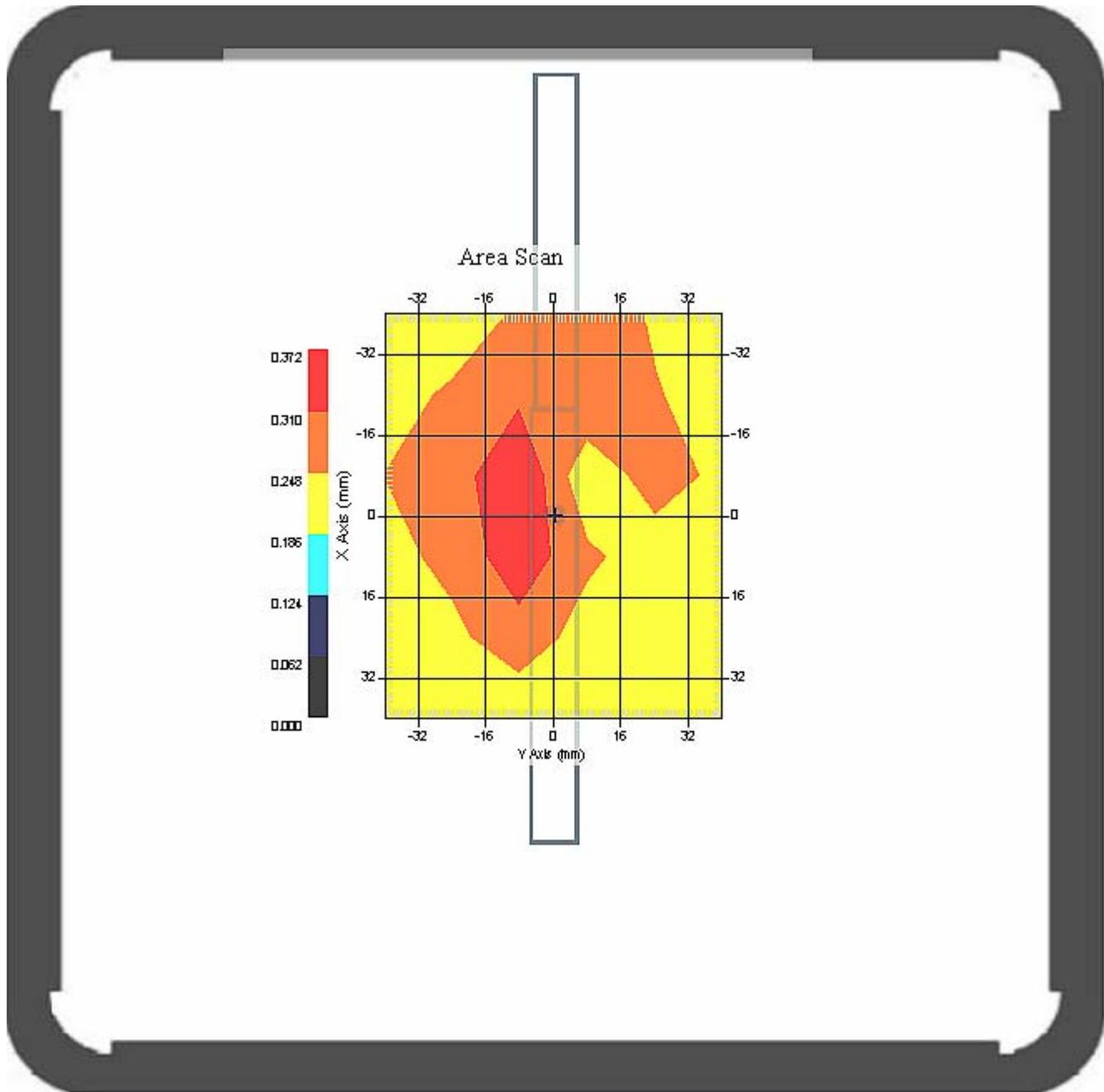
Name : Probe 265
Model : E020
Type : E-Field Triangle
Serial No. : 265
Last Calib. Date : 09-May-2008
Frequency : 2600.00 MHz
Duty Cycle Factor: 4
Conversion Factor: 4.25
Probe Sensitivity: 1.20 1.20 1.20 $\mu\text{V}/(\text{V}/\text{m})^2$
Compression Point: 95.00 mV
Offset : 1.56 mm

Measurement Data

Crest Factor : 4
Scan Type : Complete
Tissue Temp. : 20.20 °C
Ambient Temp. : 20.70 °C
Set-up Date : 07-Sep-2008
Area Scan : 6x6x1 : Measurement x=16mm, y=16mm, z=4mm
Zoom Scan : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

Other Data

DUT Position : Position 3, antenna 180 degree, 10MHz 16QAM
Separation : 0.4cm
Channel : 2685



1 gram SAR value : 0.354 W/kg
10 gram SAR value : 0.257 W/kg
Area Scan Peak SAR : 0.391 W/kg
Zoom Scan Peak SAR : 0.590 W/kg

SAR-Z Axis
at Hotspot x=-5.88 y=-0.01

