

ATTACHMENT O – SAR TEST PLOTS (1 of 3)

SAR Measurement Report

SAR TEST DATA SUMMARY

Simulant Liquid :	Head	Ambient Temperature (°C) :	22.0
Dielectric Constant :	42.2	Relative Humidity (%) :	44
Conductivity (S/m) :	0.86		
Phantom Model :	Left SAM	Place of Measurement :	HCT
Test Date :	2005-04-29	Measuring Equipment :	ESSAY-III

DUT

Model	X101
Power (dBm) :	33
Frequency (MHz) :	824.2
Serial No.	#1

Probe

Model	ET20-MAR-0026
Offset (mm) :	2.25
Conversion Factor :	4.23
Duty Factor :	8

Reference Point SAR(W/kg) in Medium

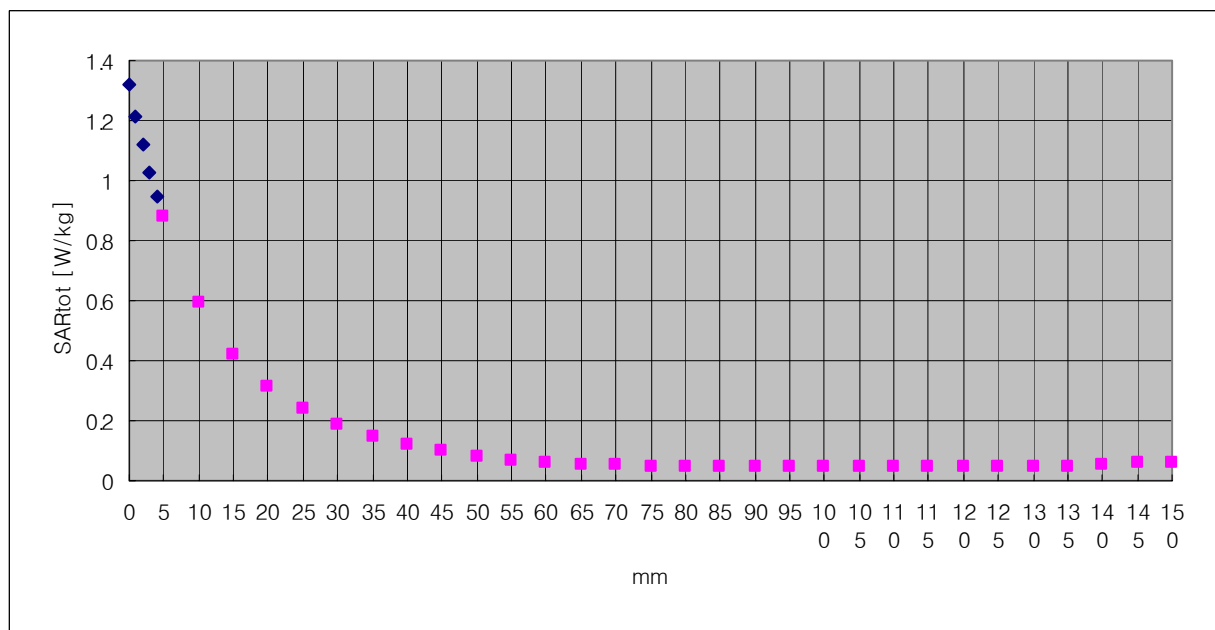
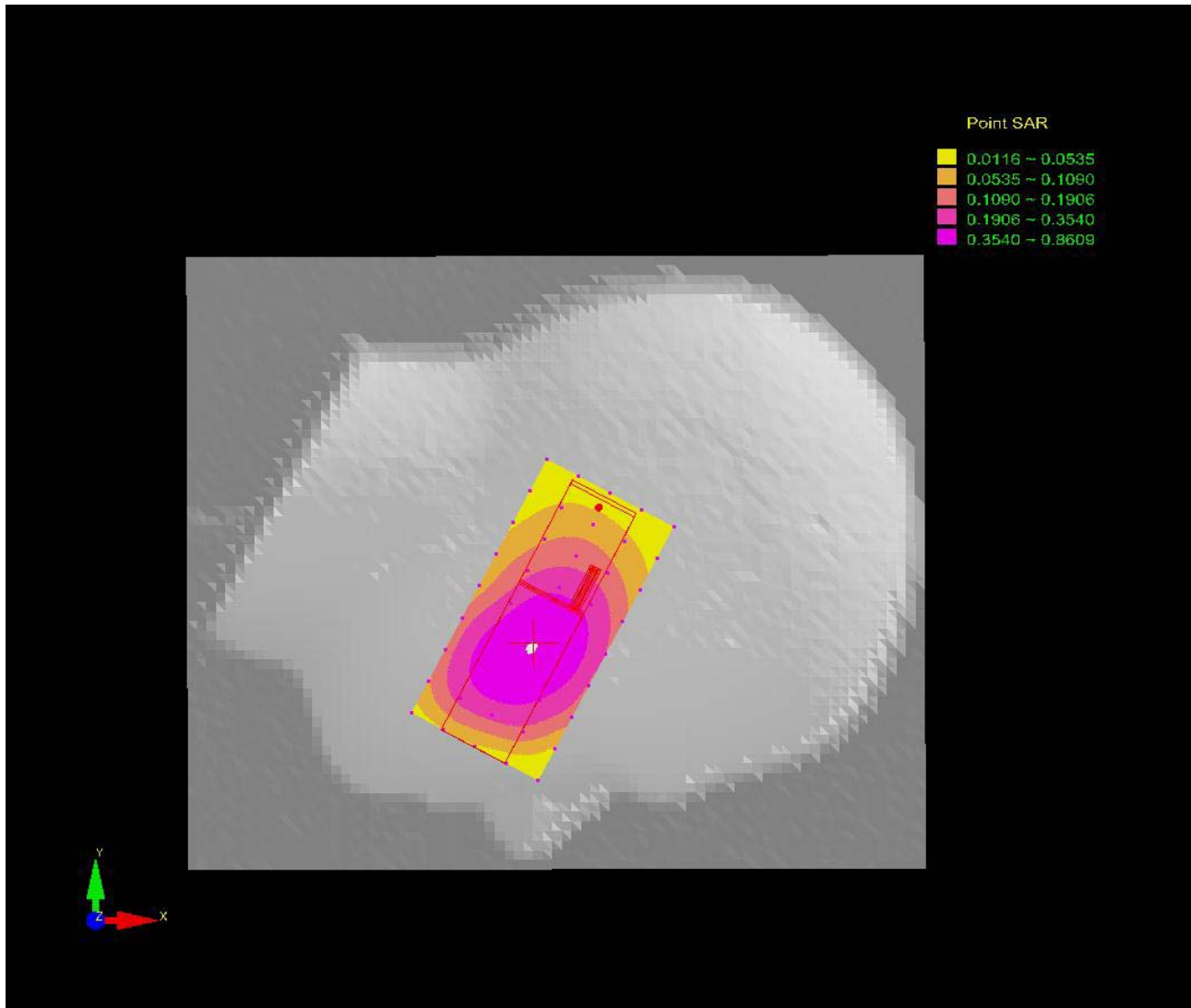
Before Scanning : 0.84307 After Scanning : 0.81424 Drift : -3.420 %

Measurement Result (W/kg)

Averaged 1g SAR : **0.886** Averaged 10g SAR : **0.521**

Notes :

FCC ID : SY6X101
Company : Bellwave Co., Ltd.
Test Position : Left Touch / Antenna : Fixed
Mode : GSM850 / Channel : 128
Liquid Temperature : 21.5°C



SAR Measurement Report

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Simulant Liquid :	Head	Ambient Temperature (°C) :	22.0
Dielectric Constant :	42.2	Relative Humidity (%) :	44
Conductivity (S/m) :	0.86		
Phantom Model :	Left SAM	Place of Measurement :	HCT
Test Date :	2005-04-29	Measuring Equipment :	ESSAY-III

DUT

Model	X101
Power (dBm) :	33
Frequency (MHz) :	836.6
Serial No.	#1

Probe

Model	ET 20-MAR-0026
Offset (mm) :	2.25
Conversion Factor :	4.23
Duty Factor :	8

Reference Point SAR(W/kg) in Medium

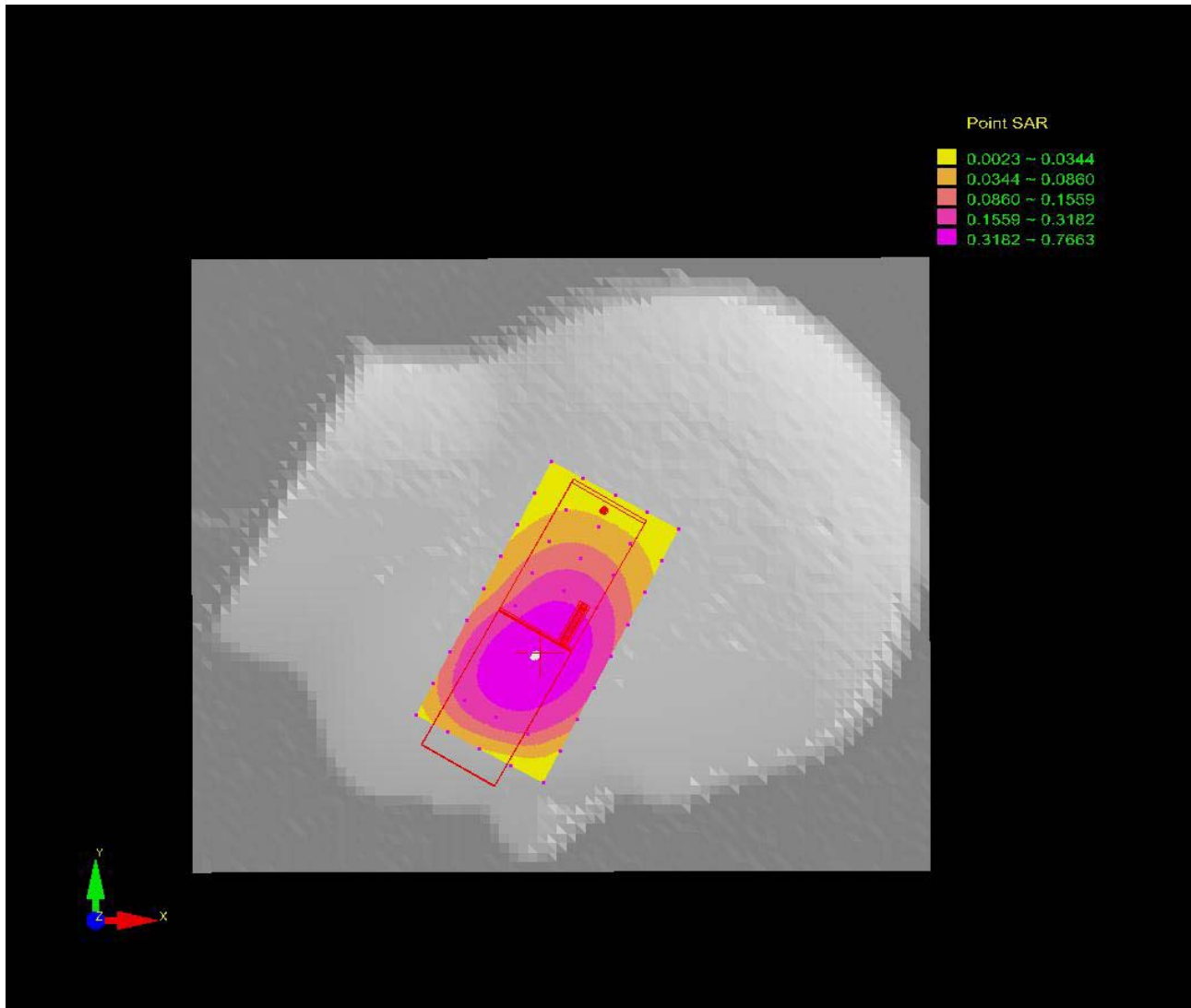
Before Scanning : 0.73428 After Scanning : 0.72626 Drift : -1.092 %

Measurement Result (W/kg)

Averaged 1g SAR : 0.836 Averaged 10g SAR : 0.494

Notes :

FCC ID : SY6X101
Company : Bellwave Co., Ltd.
Test Position : Left Touch / Antenna : Fixed
Mode : GSM850 / Channel : 190
Liquid Temperature : 21.5°C



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Phantom Model :	Left SAM	Place of Measurement :	HCT
Test Date :	2005-04-29	Measuring Equipment :	ESSAY-III

DUT

Model	X101
Power (dBm) :	33
Frequency (MHz) :	849.8
Serial No.	#1

Probe

Model	ET20-MAR-0026
Offset (mm) :	2.25
Conversion Factor :	4.23
Duty Factor :	8

Reference Point SAR(W/kg) in Medium

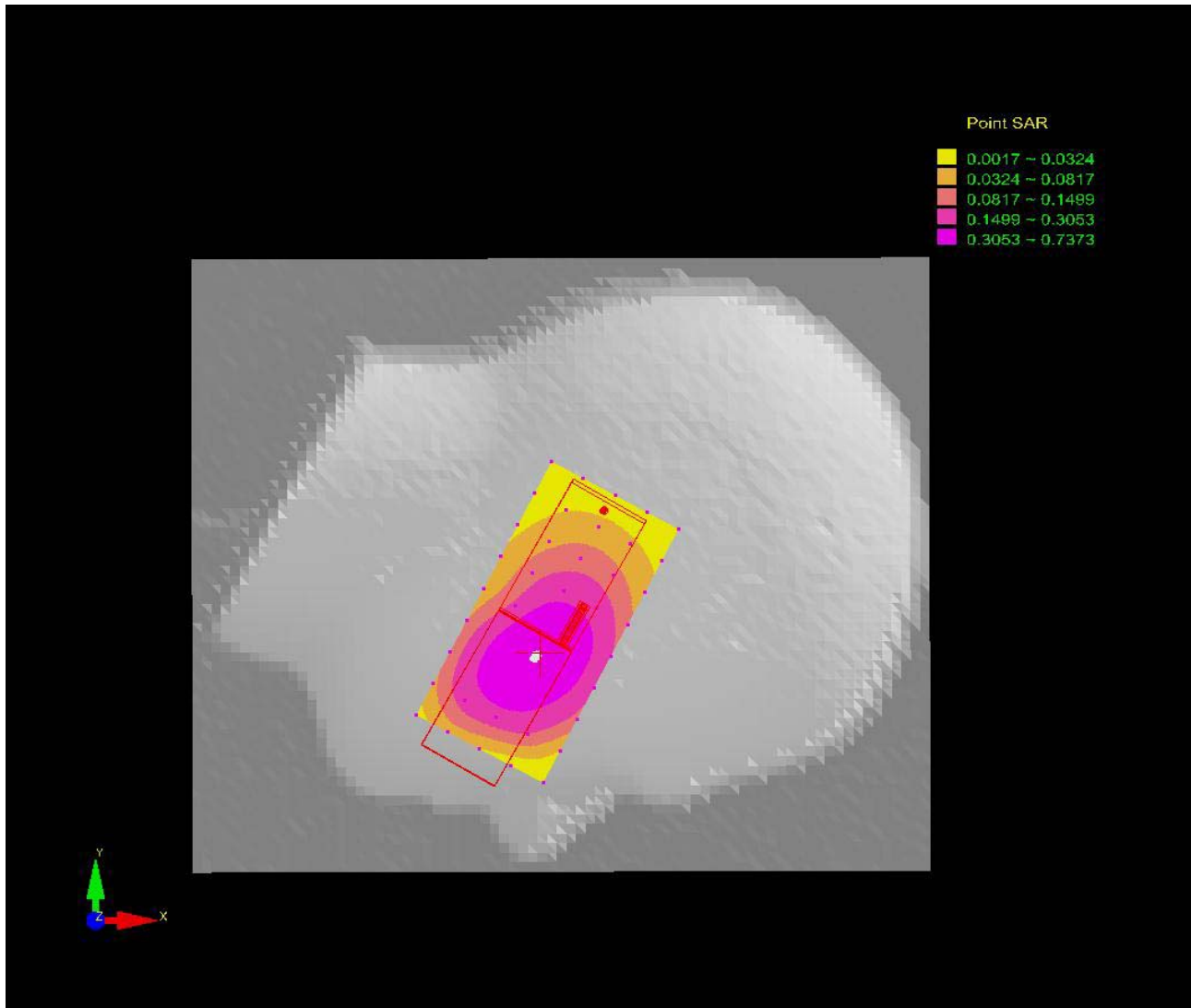
Before Scanning : 0.69120 After Scanning : 0.69707 Drift : +0.848 %

Measurement Result (W/kg)

Averaged 1g SAR : 0.808 Averaged 10g SAR : 0.474

Notes :

FCC ID : SY6X101
Company : Bellwave Co., Ltd.
Test Position : Left Touch / Antenna : Fixed
Mode : GSM850 / Channel : 251
Liquid Temperature : 21.5°C



SAR TEST DATA SUMMARY

Simulant Liquid :	Head	Ambient Temperature (°C) :	22.0
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Conductivity (S/m) :	0.86		
Phantom Model :	Right SAM	Place of Measurement :	HCT
Test Date :	2005-04-29	Measuring Equipment :	ESSAY-III

DUT

Model	X101
Power (dBm) :	33
Frequency (MHz) :	824.2
Serial No.	#1

Probe

Model	ET20-MAR-0026
Offset (mm) :	2.25
Conversion Factor :	4.23
Duty Factor :	8

Reference Point SAR(W/kg) in Medium

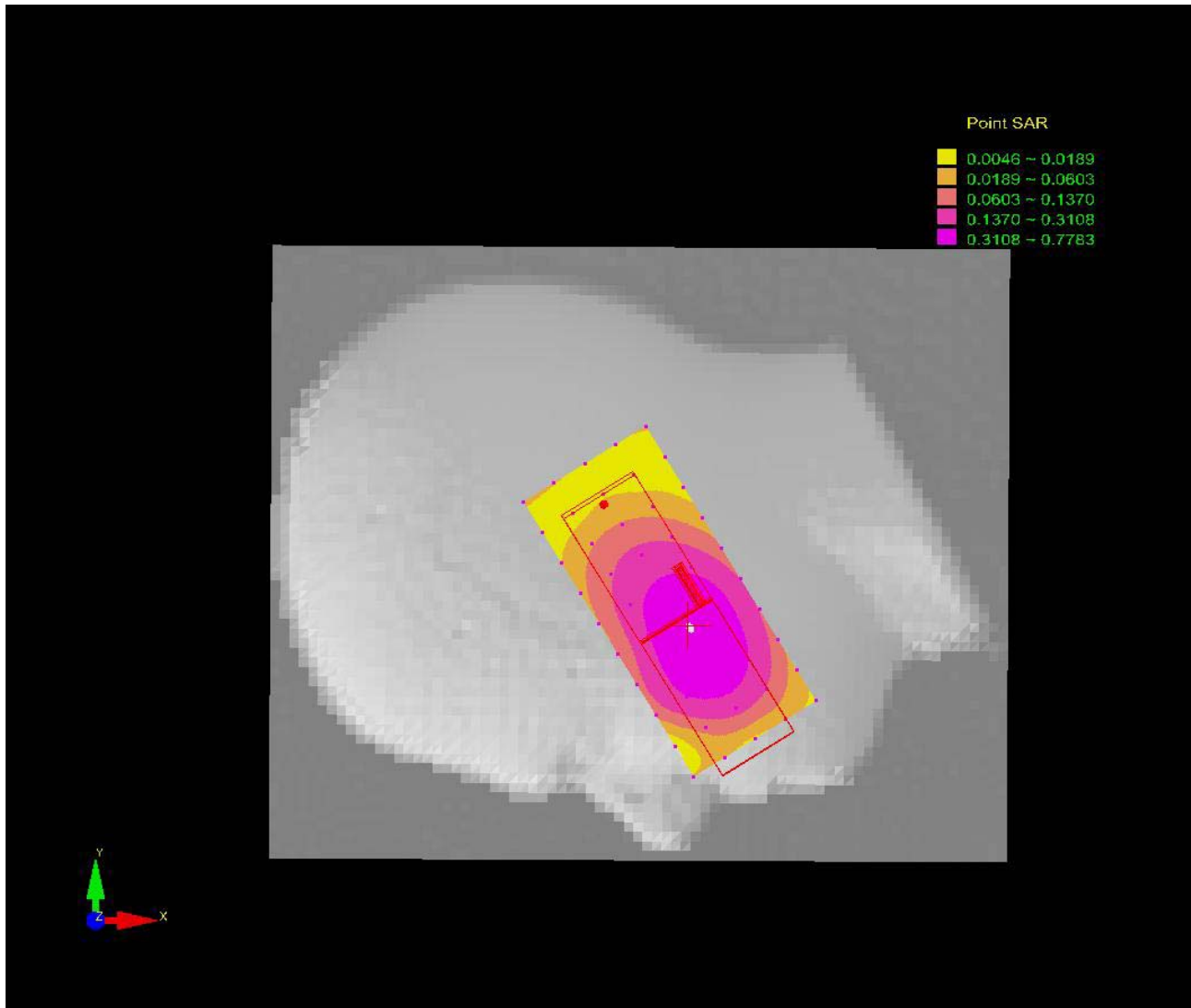
Before Scanning :	0.72726	After Scanning :	0.72676	Drift :	-0.069 %
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Measurement Result (W/kg)

Averaged 1g SAR :	0.880	Averaged 10g SAR :	0.509
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Notes :

FCC ID : SY6X101
Company : Bellwave Co., Ltd.
Test Position : Right Touch / Antenna : Fixed
Mode : GSM850 / Channel : 128
Liquid Temperature : 21.5°C



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Phantom Model :	Right SAM	Place of Measurement :	HCT
Test Date :	2005-04-29	Measuring Equipment :	ESSAY-III

DUT

Model	X101
Power (dBm) :	33
Frequency (MHz) :	836.6
Serial No.	#1

Probe

Model	ET20-MAR-0026
Offset (mm) :	2.25
Conversion Factor :	4.23
Duty Factor :	8

Reference Point SAR(W/kg) in Medium

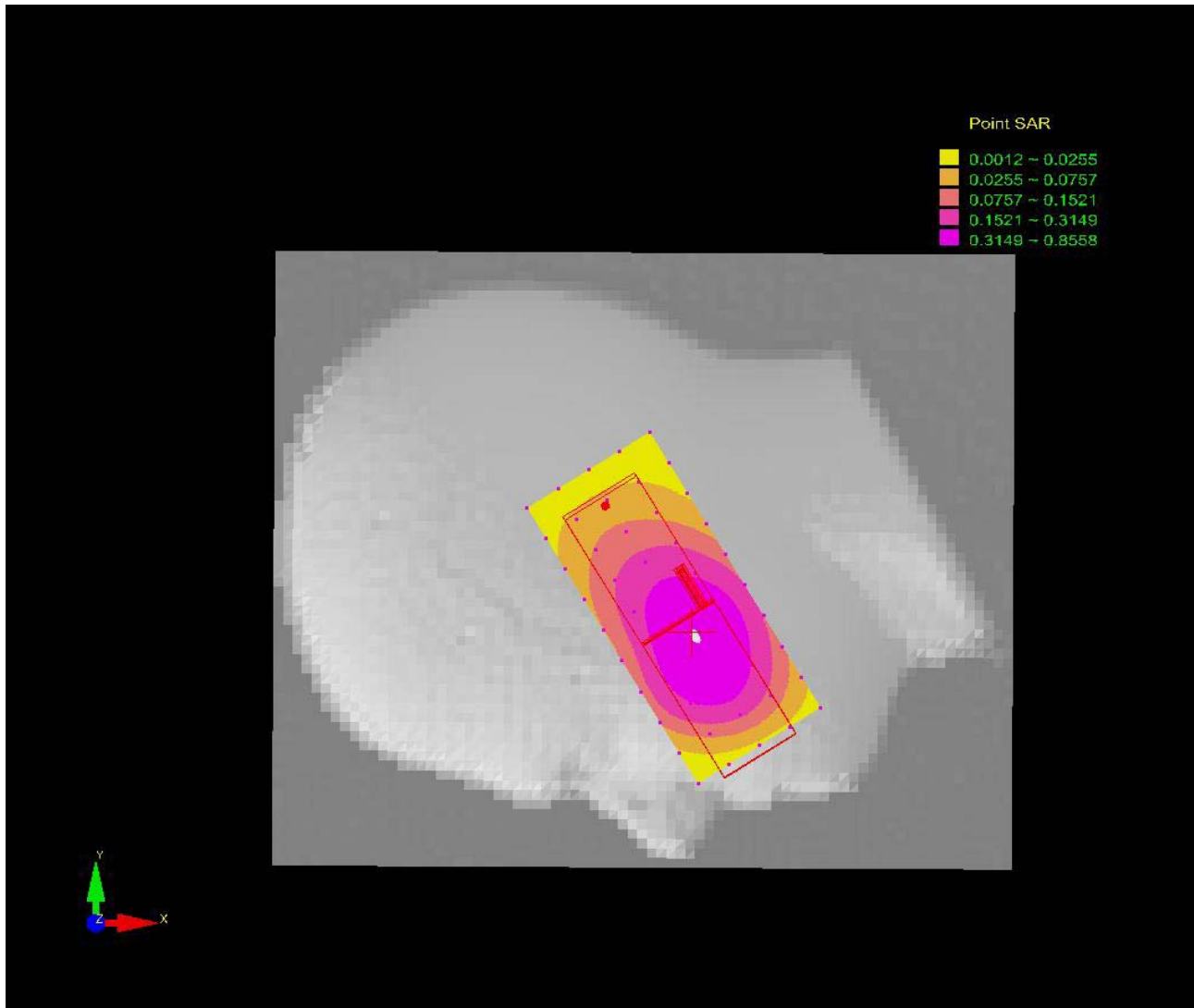
Before Scanning : 0.79373 After Scanning : 0.76320 Drift : -3.846 %

Measurement Result (W/kg)

Averaged 1g SAR : 0.832 Averaged 10g SAR : 0.501

Notes :

FCC ID : SY6X101
Company : Bellwave Co., Ltd.
Test Position : Right Touch / Antenna : Fixed
Mode : GSM850 / Channel : 190
Liquid Temperature : 21.5°C



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Phantom Model :	Right SAM	Place of Measurement :	HCT
Test Date :	2005-04-29	Measuring Equipment :	ESSAY-III

DUT

Model	X101
Power (dBm) :	33
Frequency (MHz) :	849.8
Serial No.	#1

Probe

Model	ET20-MAR-0026
Offset (mm) :	2.25
Conversion Factor :	4.23
Duty Factor :	8

Reference Point SAR(W/kg) in Medium

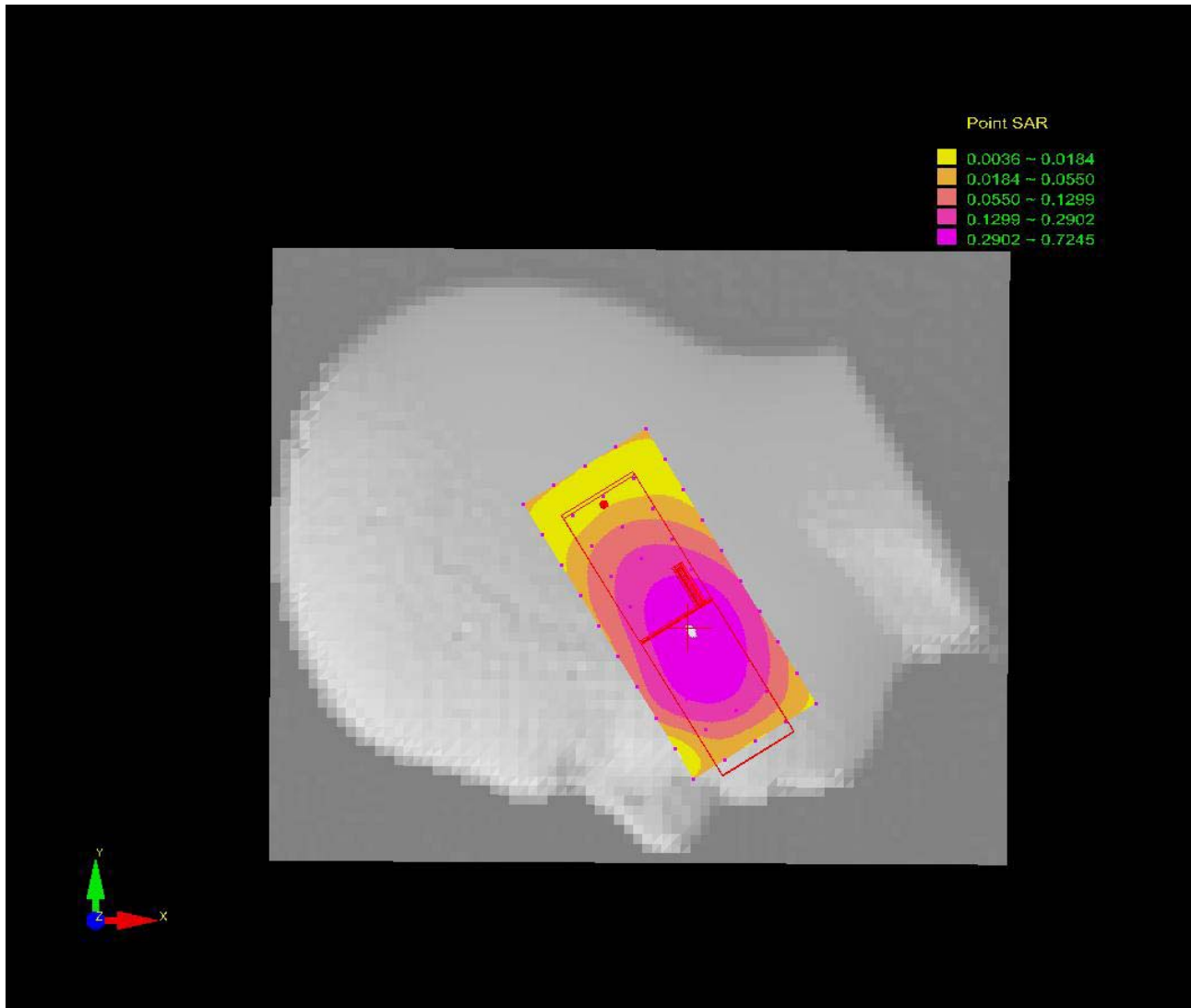
Before Scanning : 0.67039 After Scanning : 0.66799 Drift : -0.358 %

Measurement Result (W/kg)

Averaged 1g SAR : 0.829 Averaged 10g SAR : 0.477

Notes :

FCC ID : SY6X101
Company : Bellwave Co., Ltd.
Test Position : Right Touch / Antenna : Fixed
Mode : GSM850 / Channel : 251
Liquid Temperature : 21.5°C



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Model	X101
Power (dBm) :	33
Frequency (MHz) :	836.6
Serial No.	#1

Probe

Model	ET20-MAR-0026
Offset (mm) :	2.25
Conversion Factor :	4.23
Duty Factor :	8

Reference Point SAR(W/kg) in Medium

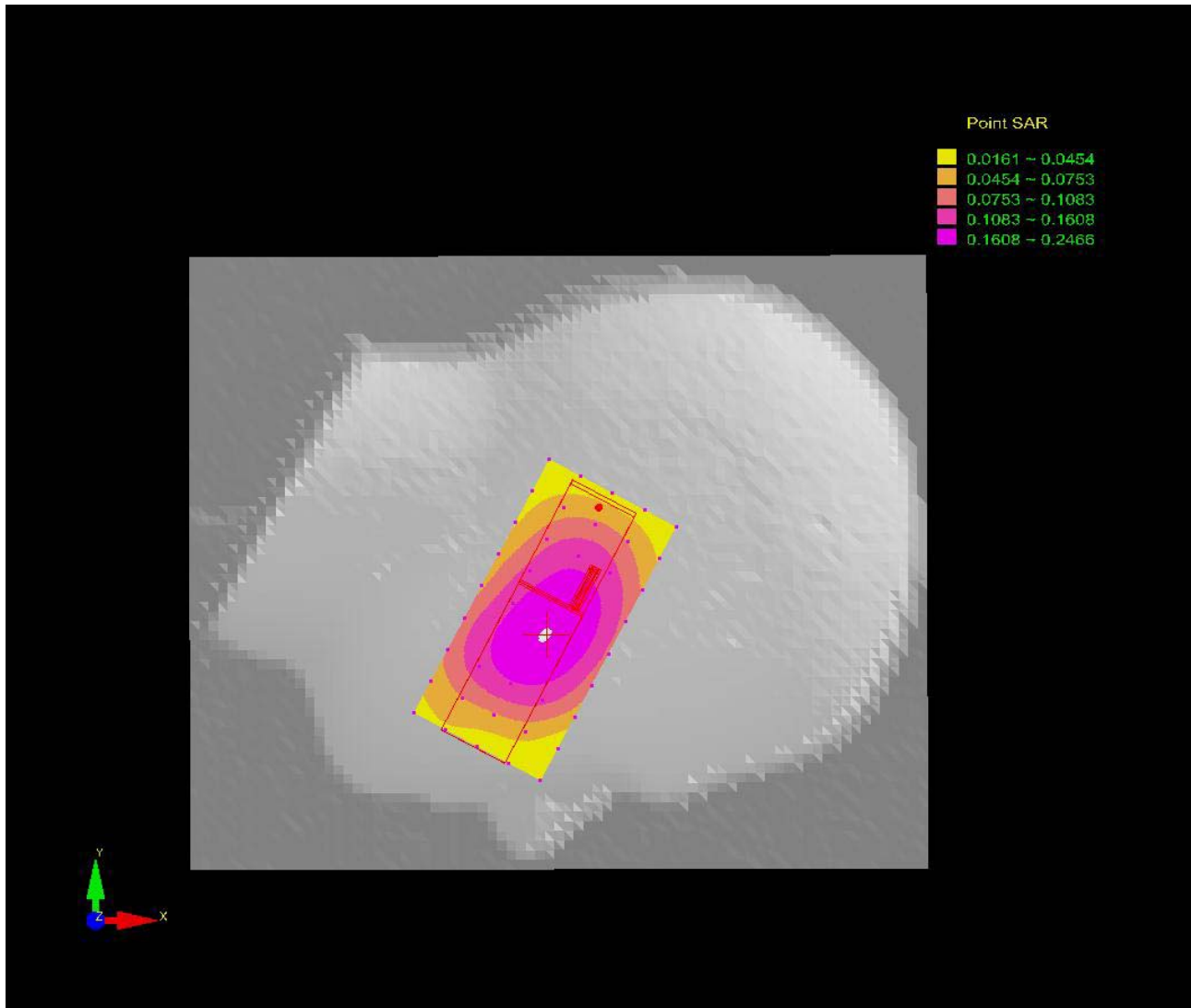
Before Scanning : 0.22990 After Scanning : 0.22990 Drift : +0.000 %

Measurement Result (W/kg)

Averaged 1g SAR : 0.245 Averaged 10g SAR : 0.173

Notes :

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Test Position : Left Tilt / Antenna : Fixed
Mode : GSM850 / Channel : 190
Liquid Temperature : 21.5°C



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Model	X101
Power (dBm) :	33
Frequency (MHz) :	836.6
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Model	ET20-MAR-0026
Offset (mm) :	2.25
Conversion Factor :	4.23
Duty Factor :	8

Reference Point SAR(W/kg) in Medium

Before Scanning : 0.26700 After Scanning : 0.25948 Drift : -2.818 %

Measurement Result (W/kg)

Averaged 1g SAR : 0.309 Averaged 10g SAR : 0.204

Notes :

FCC ID : SY6X101

Company : Bellwave Co., Ltd.

Test Position : Right Tilt / Antenna : Fixed

Mode : GSM850 / Channel : 190

Liquid Temperature : 21.5°C

