

ATTACHMENT O – SAR TEST PLOTS (2 of 3)

SAR Measurement Report

SAR TEST DATA SUMMARY

Simulant Liquid :	Head	Ambient Temperature (°C) :	22.3
Dielectric Constant :	38.6	Relative Humidity (%) :	47
Conductivity (S/m) :	1.44		
Phantom Model :	Left SAM	Place of Measurement :	HCT
Test Date :	2005-05-02	Measuring Equipment :	ESSAY-III

DUT

Model	X101
Power (dBm) :	30
Frequency (MHz) :	1850.2
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

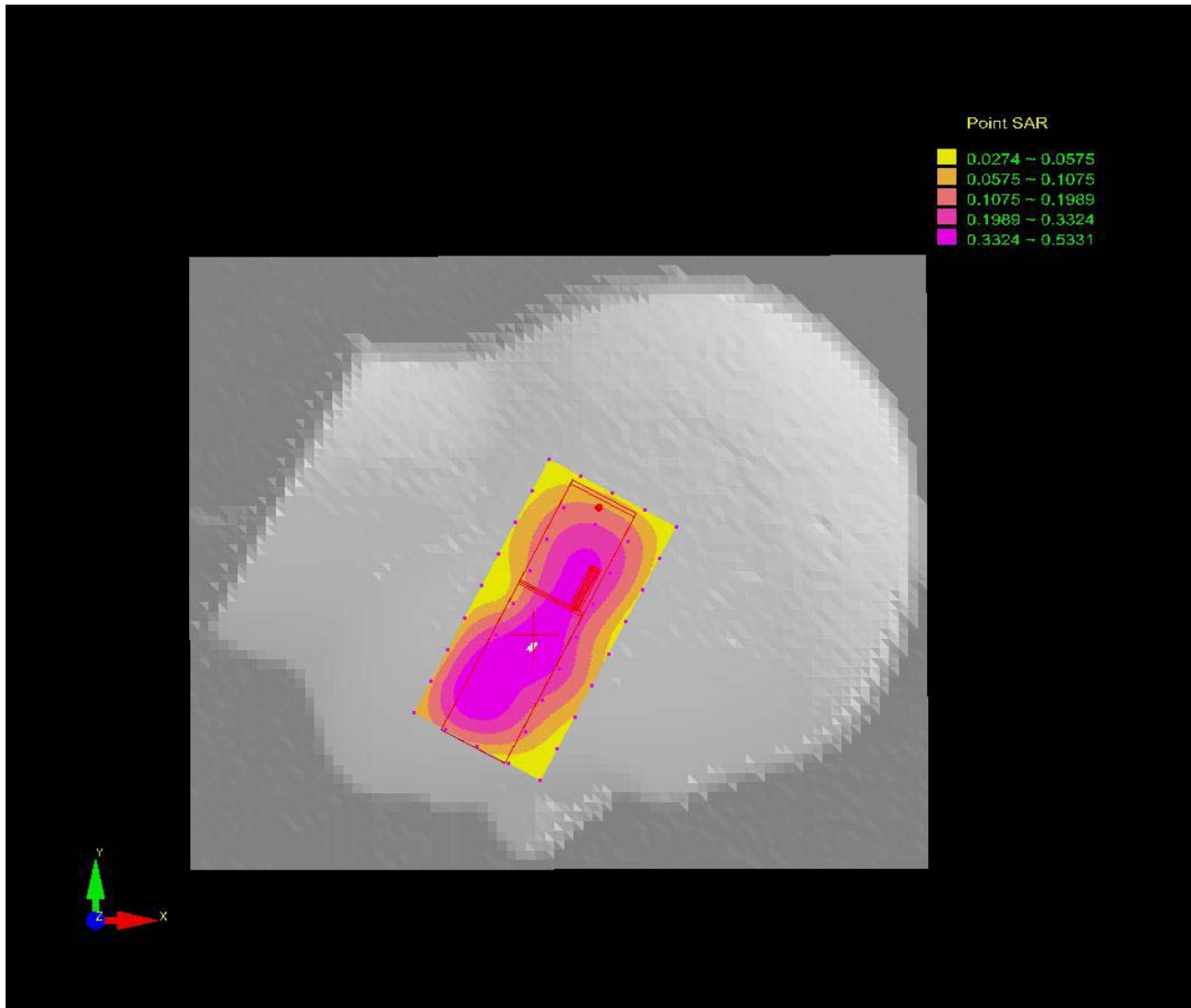
Before Scanning : 0.56854 After Scanning : 0.55658 Drift : -2.103 %

Measurement Result (W/kg)

Averaged 1g SAR : 0.565 Averaged 10g SAR : 0.324

Notes :

FCC ID : SY6X101
Company : Bellwave Co., Ltd.
Test Position : Left Touch / Antenna : Fixed
Mode : GSM1900 / Channel : 512
Liquid Temperature : 21.8°C



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DUT

Model	X101
Power (dBm) :	30
Frequency (MHz) :	1880.0
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

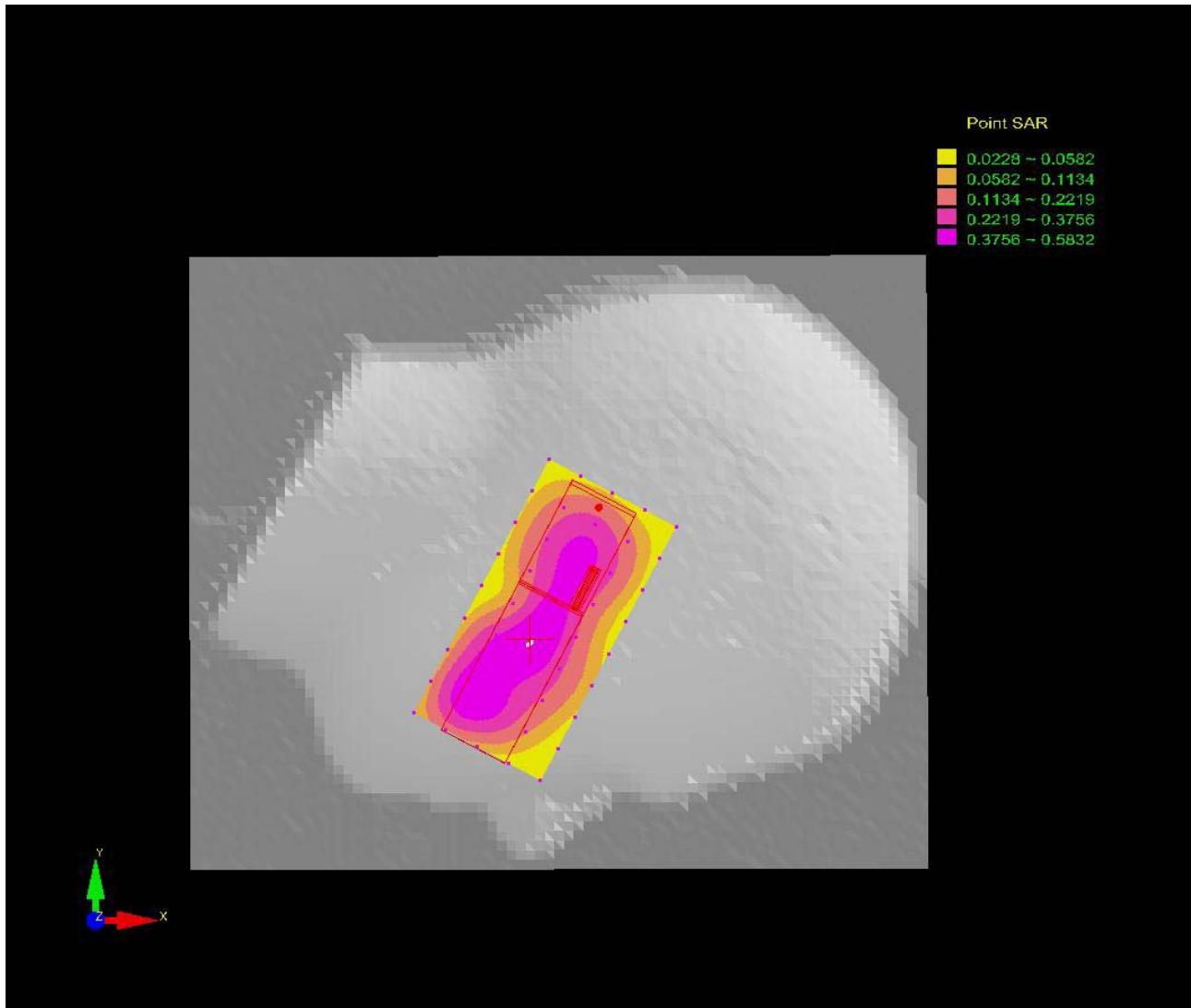
Before Scanning : 0.59575 After Scanning : 0.61703 Drift : +3.571 %

Measurement Result (W/kg)

Averaged 1g SAR : 0.618 Averaged 10g SAR : 0.323

Notes :

FCC ID : SY6X101
Company : Bellwave Co., Ltd.
Test Position : Left Touch / Antenna : Fixed
Mode : GSM1900 / Channel : 661
Liquid Temperature : 21.8°C



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Test Date :	2005-05-02	Measuring Equipment :	ESSAY-III

DUT

Model	X101
Power (dBm) :	30
Frequency (MHz) :	1909.8
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

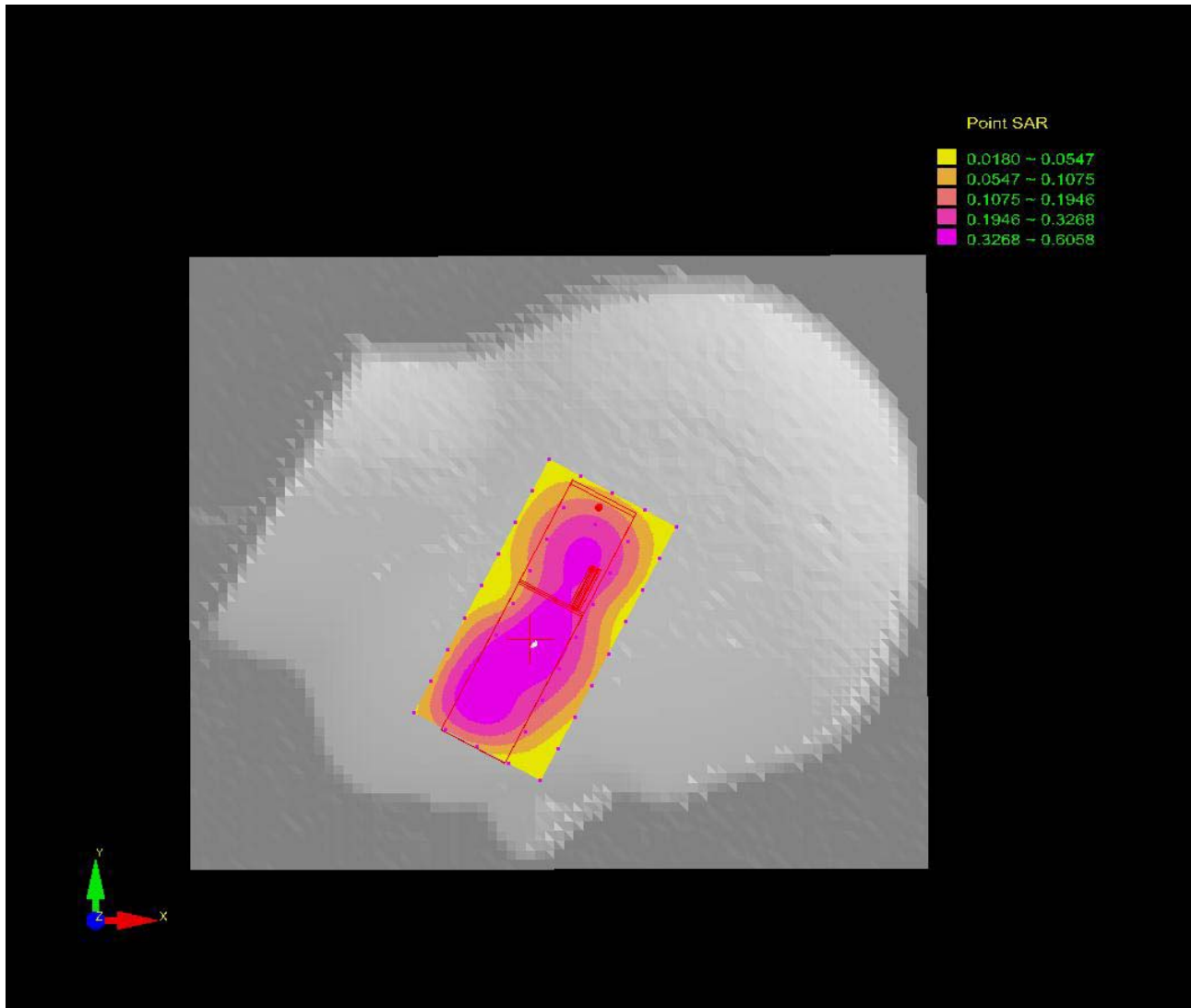
Before Scanning : 0.61643 After Scanning : 0.62540 Drift : +1.455 %

Measurement Result (W/kg)

Averaged 1g SAR : **0.634** Averaged 10g SAR : **0.333**

Notes :

FCC ID : SY6X101
Company : Bellwave Co., Ltd.
Test Position : Left Touch / Antenna : Fixed
Mode : GSM1900 / Channel : 810
Liquid Temperature : 21.8°C



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Test Date :	2005-05-02	Measuring Equipment :	ESSAY-III

DUT

Model	X101
Power (dBm) :	30
Frequency (MHz) :	1850.2
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

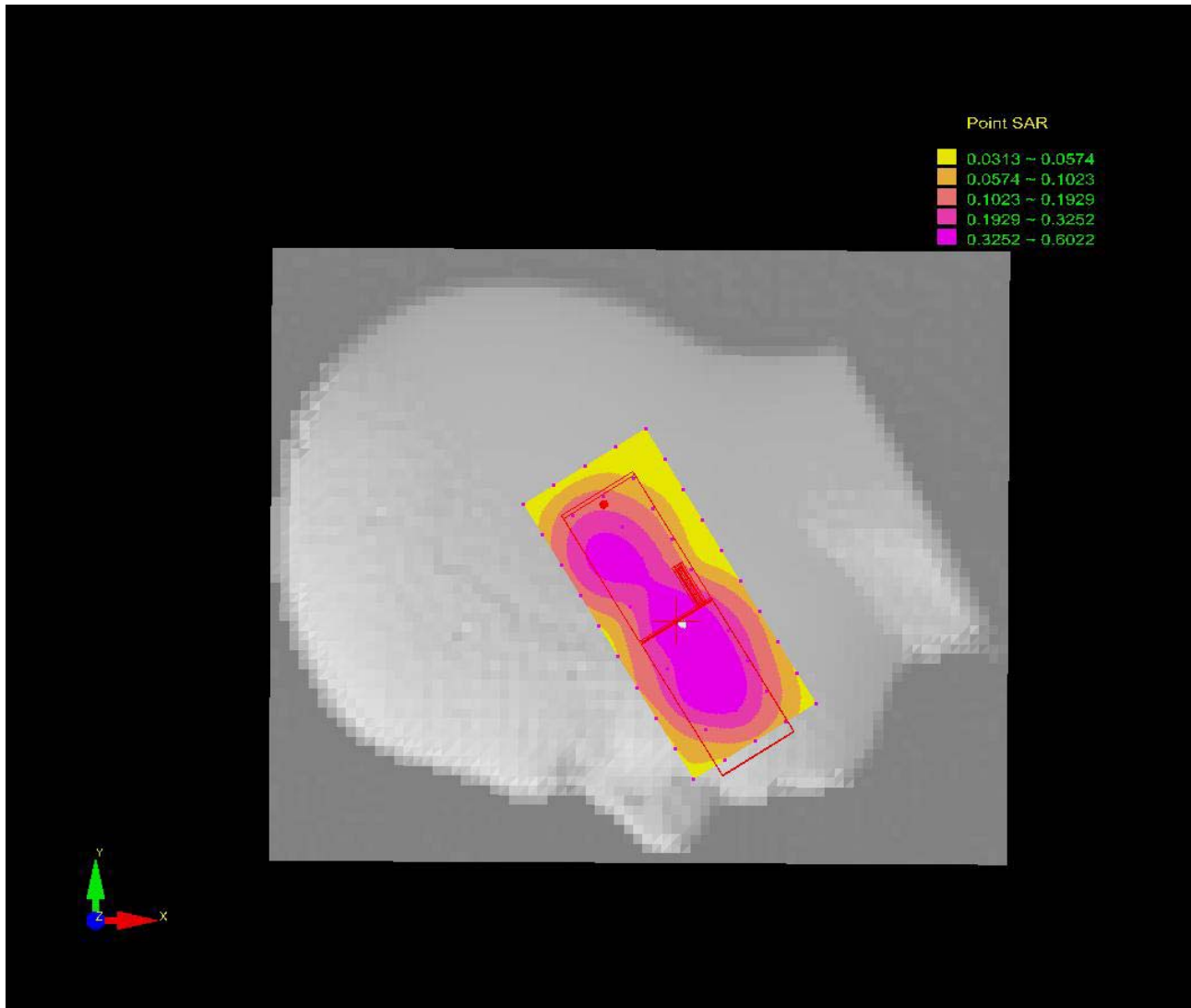
Before Scanning :	0.51929	After Scanning :	0.50733	Drift :	-2.304 %
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Measurement Result (W/kg)

Averaged 1g SAR :	0.593	Averaged 10g SAR :	0.324
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Notes :

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Probe

Model	ET20-MAR-0026
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Reference Point SAR(W/kg) in Medium

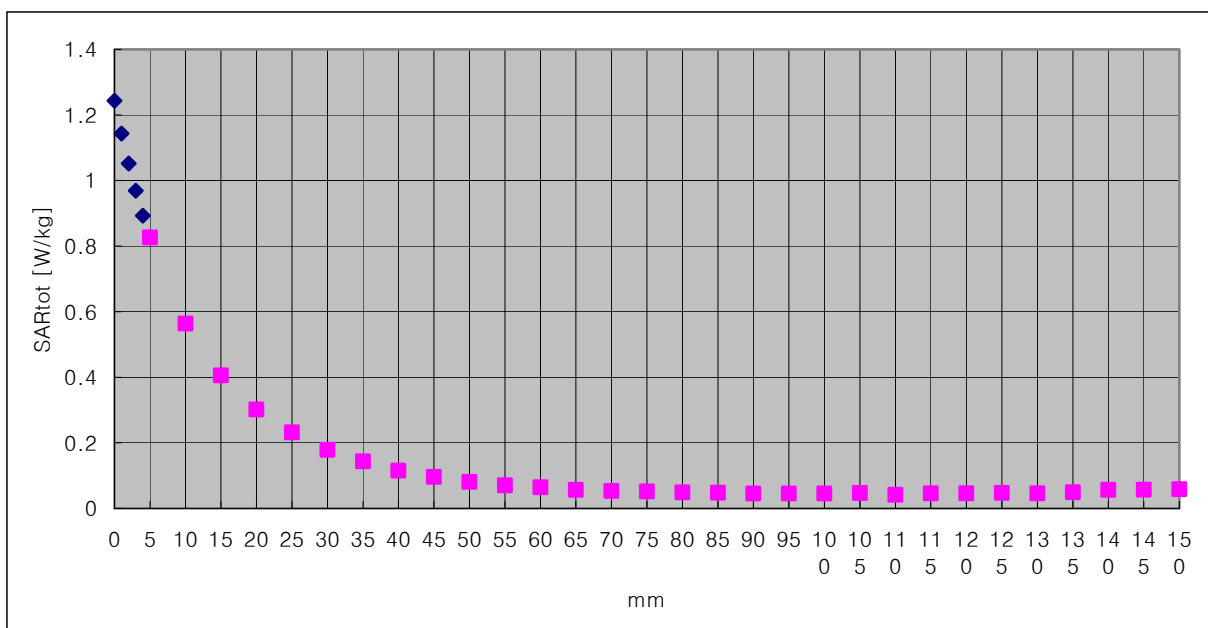
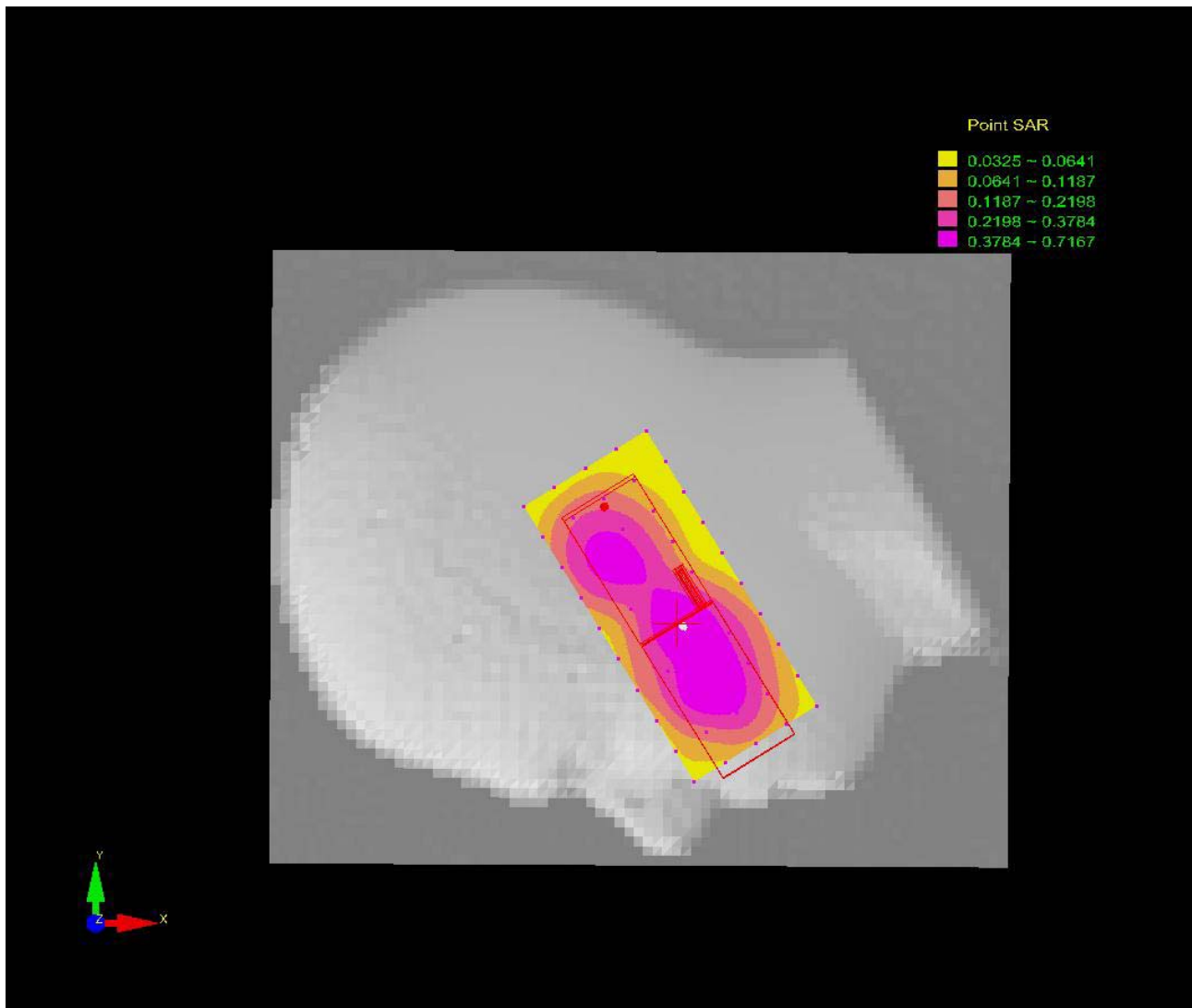
Before Scanning : 0.61286 After Scanning : 0.63564 Drift : +3.718 %

Measurement Result (W/kg)

Averaged 1g SAR : **0.707** Averaged 10g SAR : **0.383**

Notes :

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DUT

Model	X101
Power (dBm) :	30
Frequency (MHz) :	1909.8
Serial No.	#1

Probe

Model	ET20-MAR-0026
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Conversion Factor :	4.23
Duty Factor :	8

Reference Point SAR(W/kg) in Medium

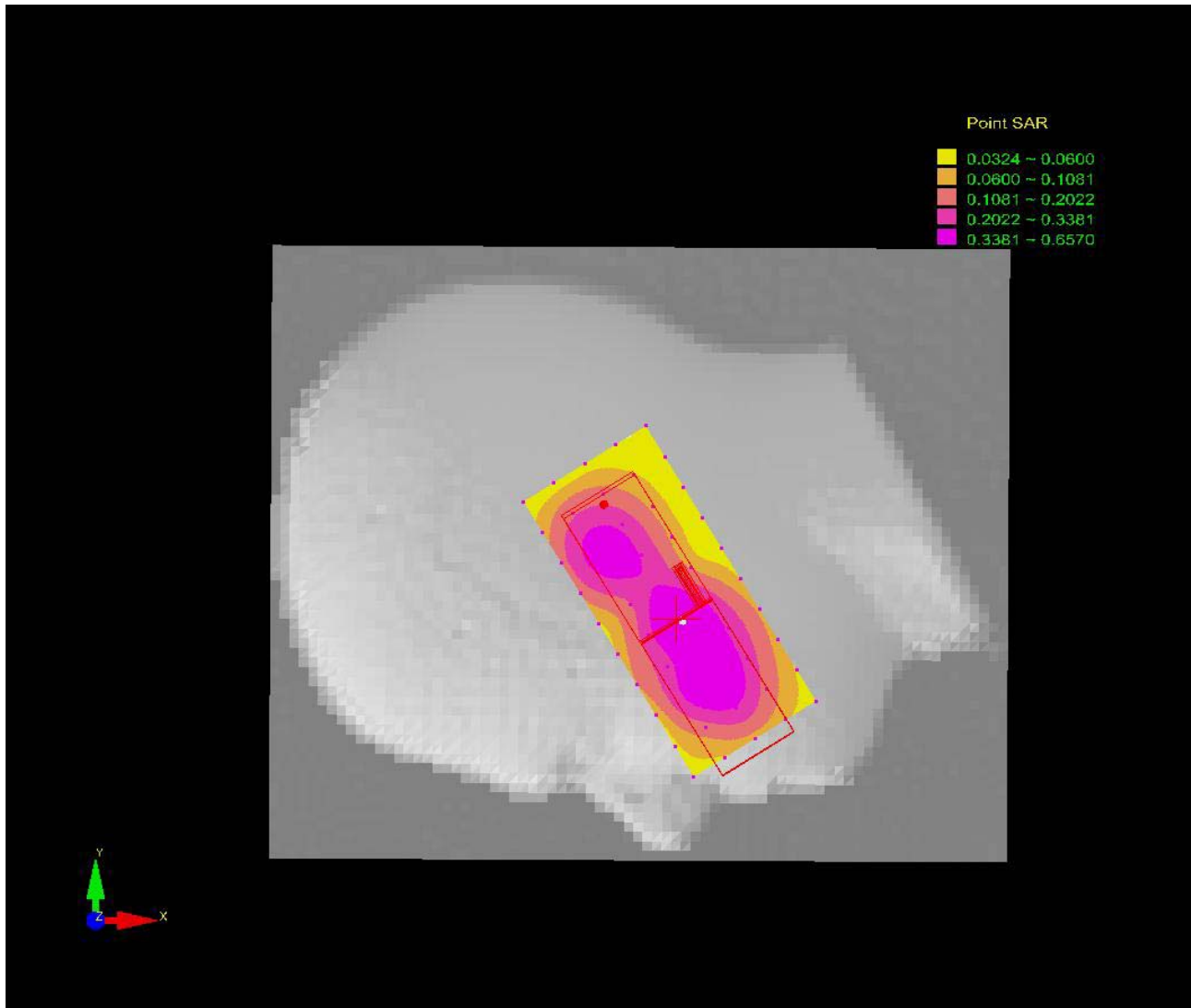
Before Scanning : 0.56568 After Scanning : 0.57140 Drift : +1.012 %

Measurement Result (W/kg)

Averaged 1g SAR : 0.642 Averaged 10g SAR : 0.342

Notes :

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Reference Point SAR(W/kg) in Medium

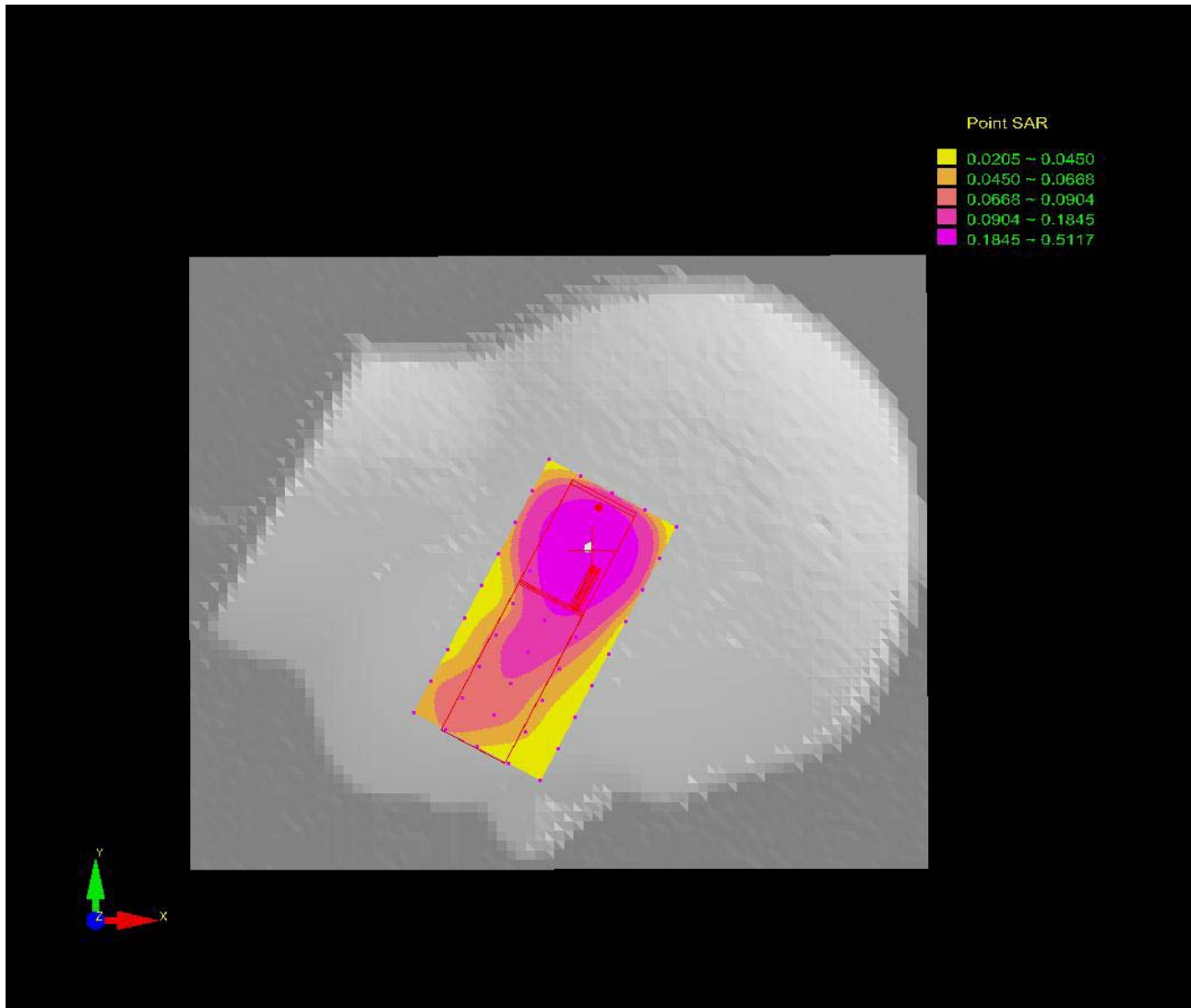
Before Scanning : 0.11820 After Scanning : 0.11951 Drift : +1.107 %

Measurement Result (W/kg)

Averaged 1g SAR : 0.477 Averaged 10g SAR : 0.283

Notes :

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Reference Point SAR(W/kg) in Medium

Before Scanning : 0.14400 After Scanning : 0.14142 Drift : -1.792 %

Measurement Result (W/kg)

Averaged 1g SAR : **0.529** Averaged 10g SAR : **0.308**

Notes :

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