



Appendix B. SAR Test Plots

Testing result (LTE Band 2 ANT 1, Back, Middle, 5mm)

Date of measurement: 04/01/2026

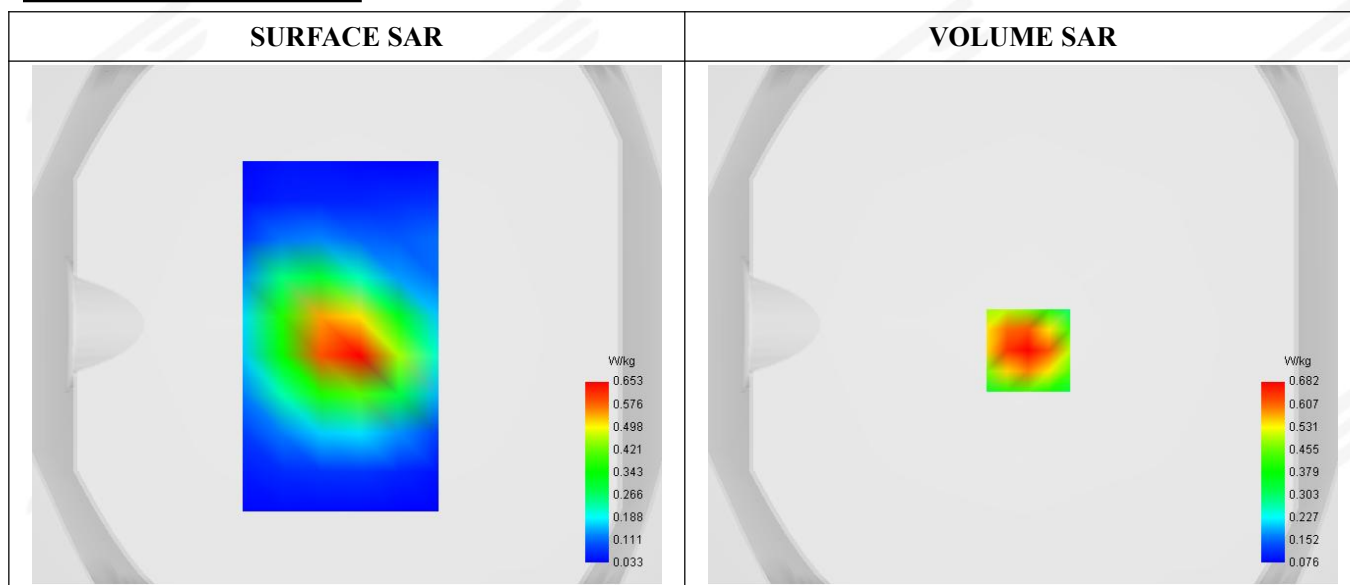
A. Experimental conditions.

E-Field Probe	SATIMO 08/21 EPG0352
ConvF	1.73
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band 2
Channels	Middle
Signal	LTE(Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	1880.0
Relative permittivity (real part)	40.30
Conductivity (S/m)	1.38

C. SAR Surface and Volume

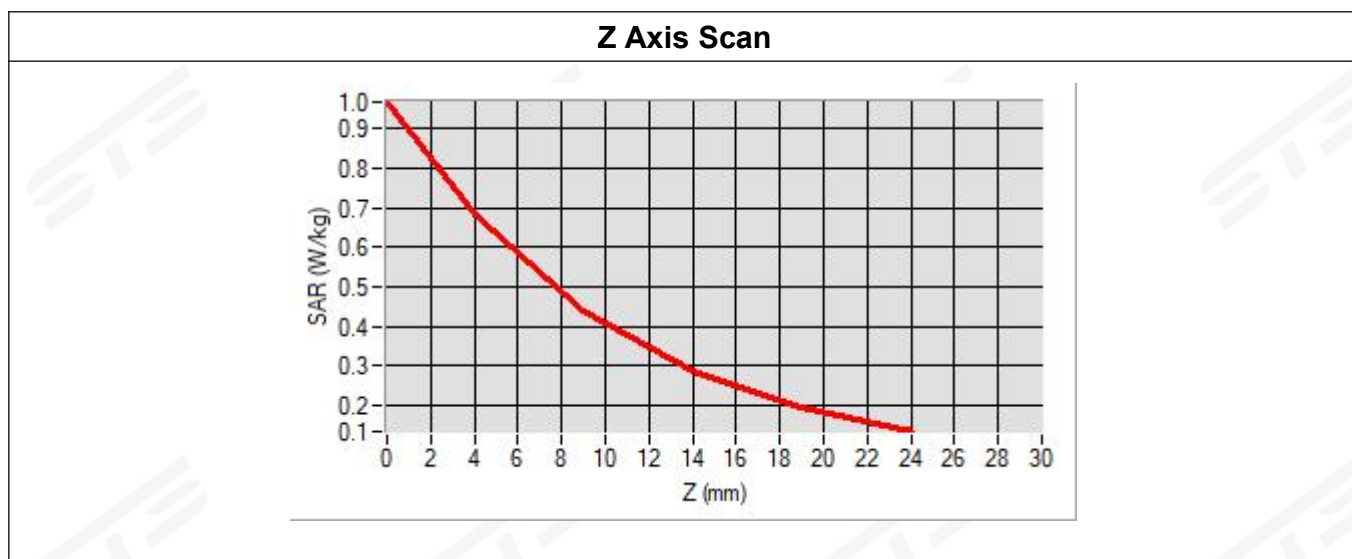


Maximum location: X=2.00, Y=-10.00 ; SAR Peak: 0.97 W/kg

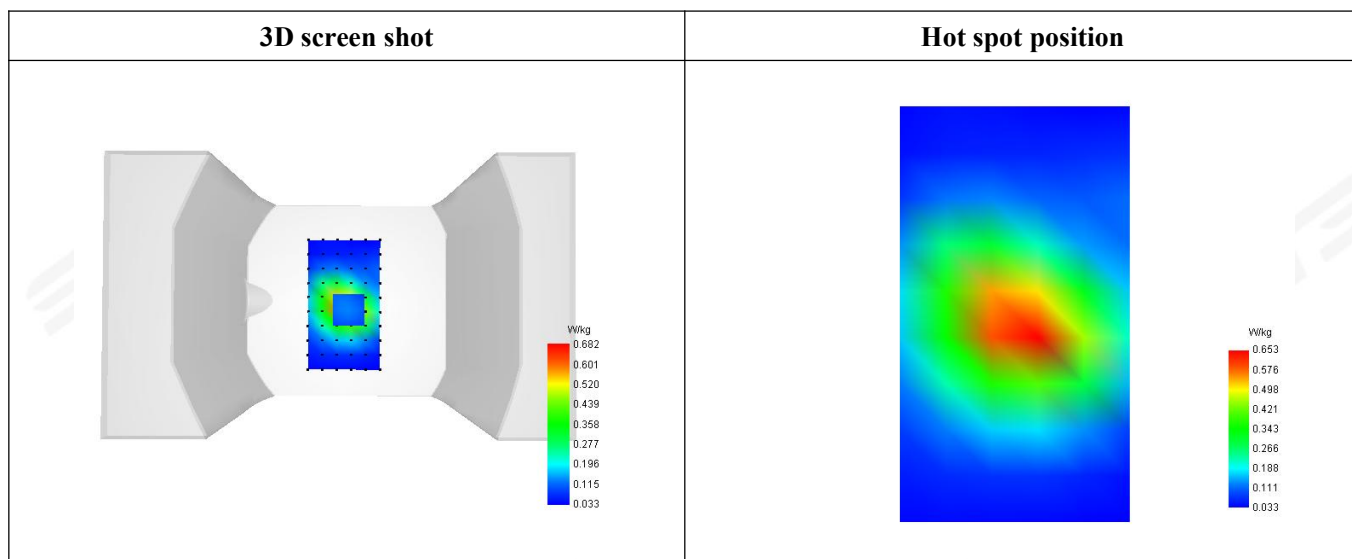
D. SAR 1g & 10g

SAR 10g (W/Kg)	0.401
SAR 1g (W/Kg)	0.646
Variation (%)	0.170
Horizontal validation criteria: minimum distance (mm)	16.099499
Vertical validation criteria: SAR ratio M2/M1 (%)	53.206179

E. Z Axis Scan



F. 3D Image



**Testing result (LTE Band 4 ANT 1, Back, High, 5mm)**

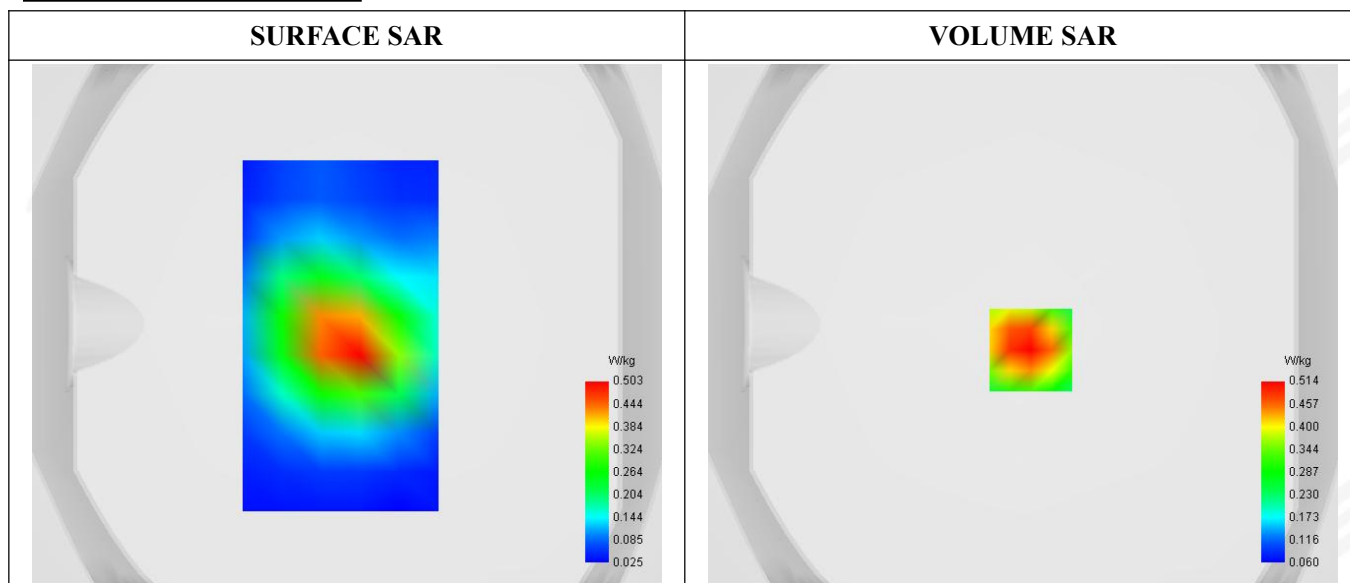
Date of measurement: 04/07/2026

A. Experimental conditions.

E-Field Probe	SATIMO 08/21 EPG0352
ConvF	1.54
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band 4
Channels	High
Signal	LTE(Crest factor: 1.0)

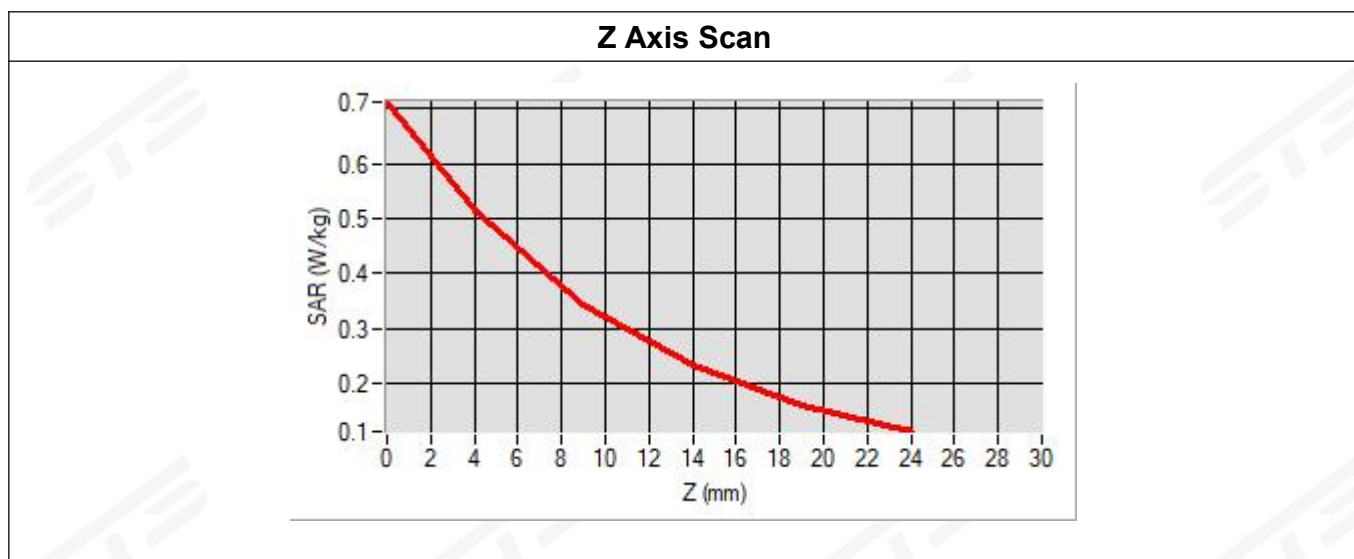
B. Permittivity

Frequency (MHz)	1745.0
Relative permittivity (real part)	41.18
Conductivity (S/m)	1.37

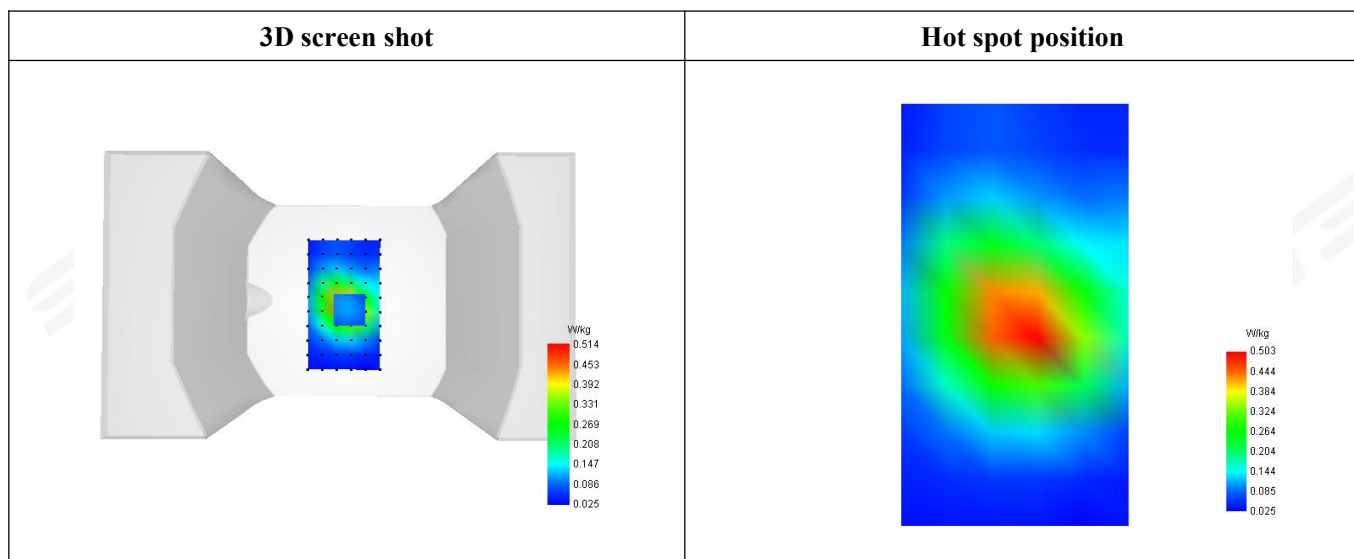
C. SAR Surface and Volume**Maximum location: X=3.00, Y=-10.00 ; SAR Peak: 0.72 W/kg****D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.310
SAR 1g (W/Kg)	0.489
Variation (%)	-1.850
Horizontal validation criteria: minimum distance (mm)	17.951101
Vertical validation criteria: SAR ratio M2/M1 (%)	59.026679

E. Z Axis Scan



F. 3D Image



**Testing result (LTE Band 5 ANT 1, Back, High, 5mm)**

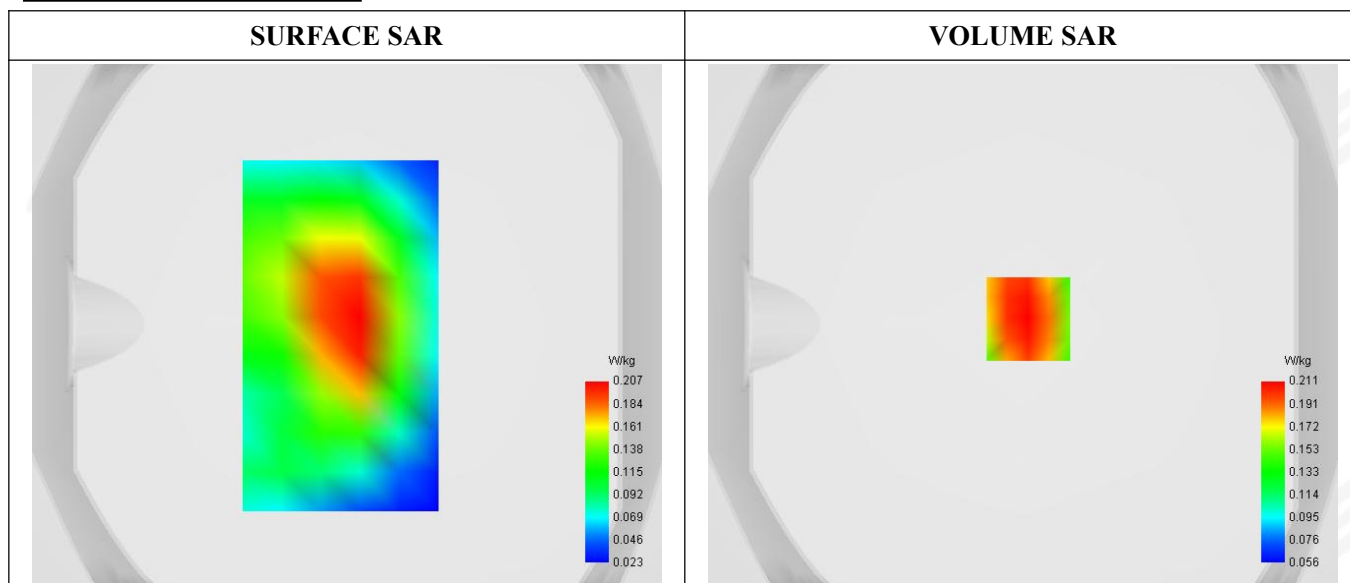
Date of measurement: 04/03/2026

A. Experimental conditions.

E-Field Probe	SATIMO 08/21 EPG0352
ConvF	1.49
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band 5
Channels	High
Signal	LTE(Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	844.0
Relative permittivity (real part)	42.46
Conductivity (S/m)	0.94

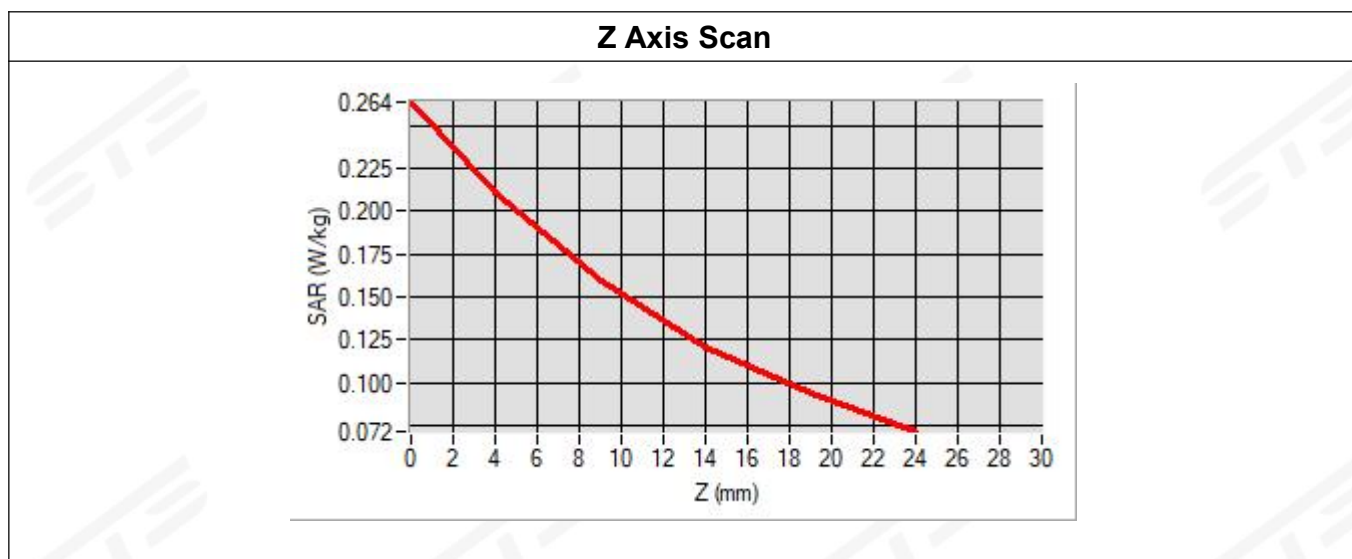
C. SAR Surface and Volume

Maximum location: X=2.00, Y=2.00 ; SAR Peak: 0.26 W/kg

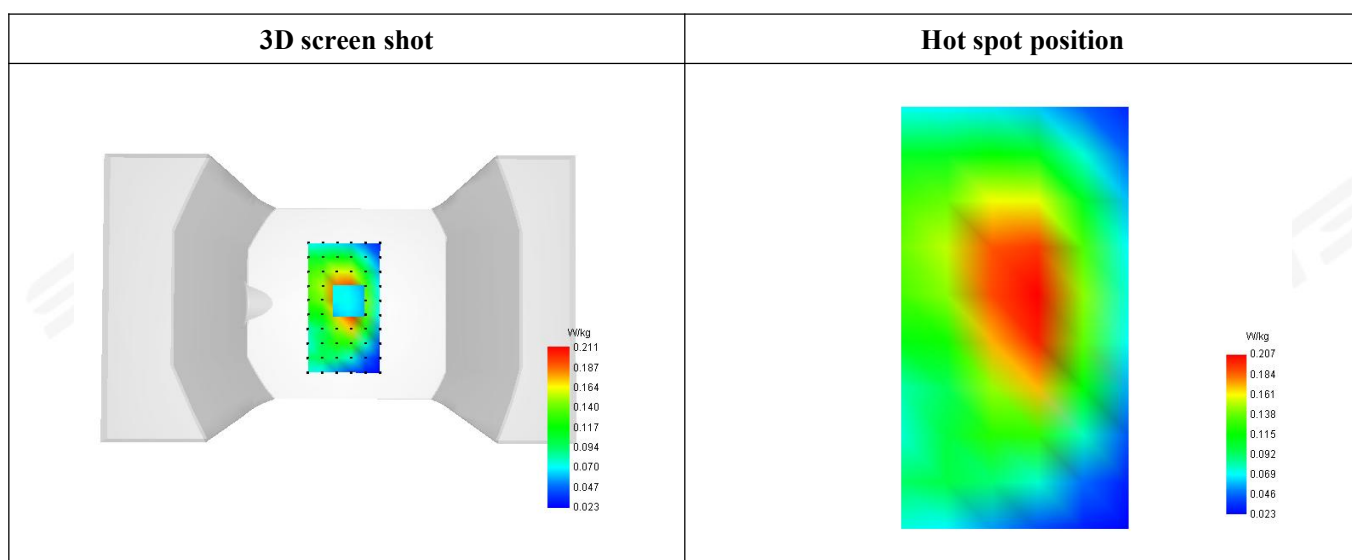
D. SAR 1g & 10g

SAR 10g (W/Kg)	0.148
SAR 1g (W/Kg)	0.203
Variation (%)	0.140
Horizontal validation criteria: minimum distance (mm)	12.617893
Vertical validation criteria: SAR ratio M2/M1 (%)	56.861038

E. Z Axis Scan



F. 3D Image



**Testing result (LTE Band 12 ANT 1, Back, Middle, 5mm)**

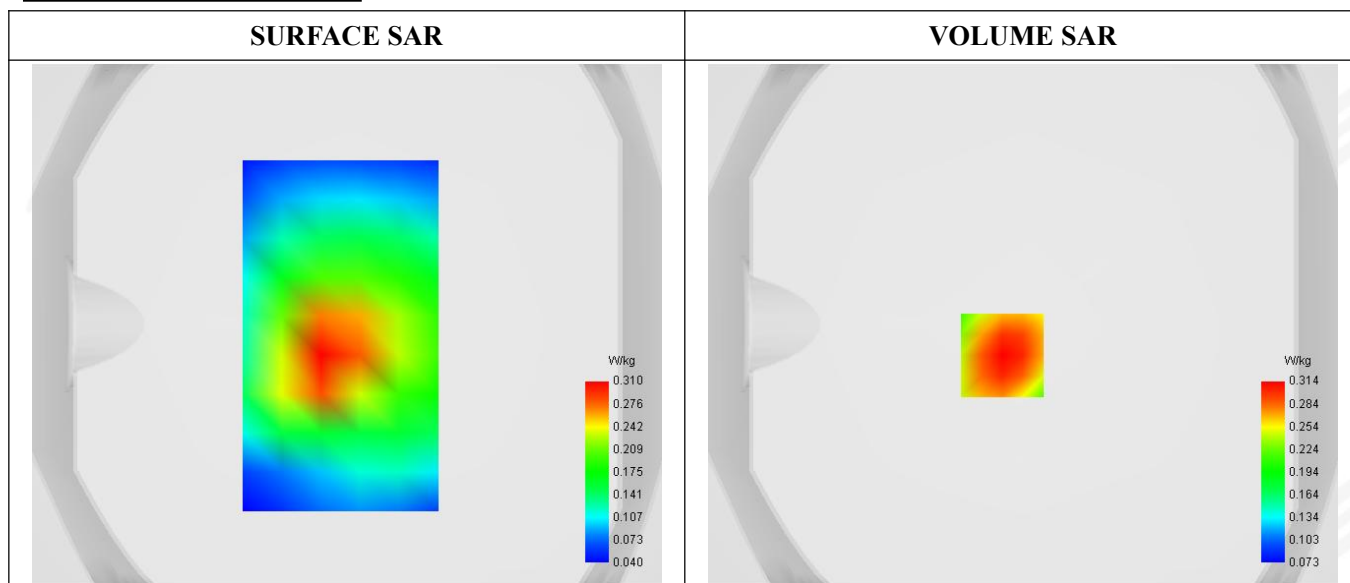
Date of measurement: 03/30/2026

A. Experimental conditions.

E-Field Probe	SATIMO 08/21 EPG0352
ConvF	1.51
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band 12
Channels	Middle
Signal	LTE(Crest factor: 1.0)

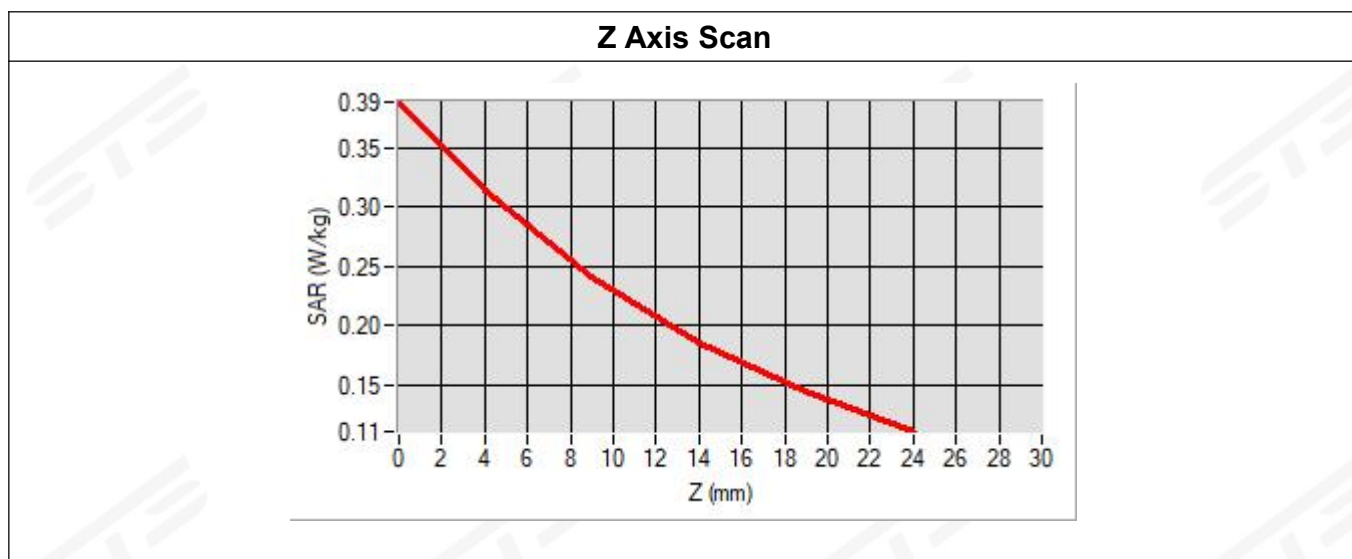
B. Permittivity

Frequency (MHz)	707.5
Relative permittivity (real part)	42.95
Conductivity (S/m)	0.88

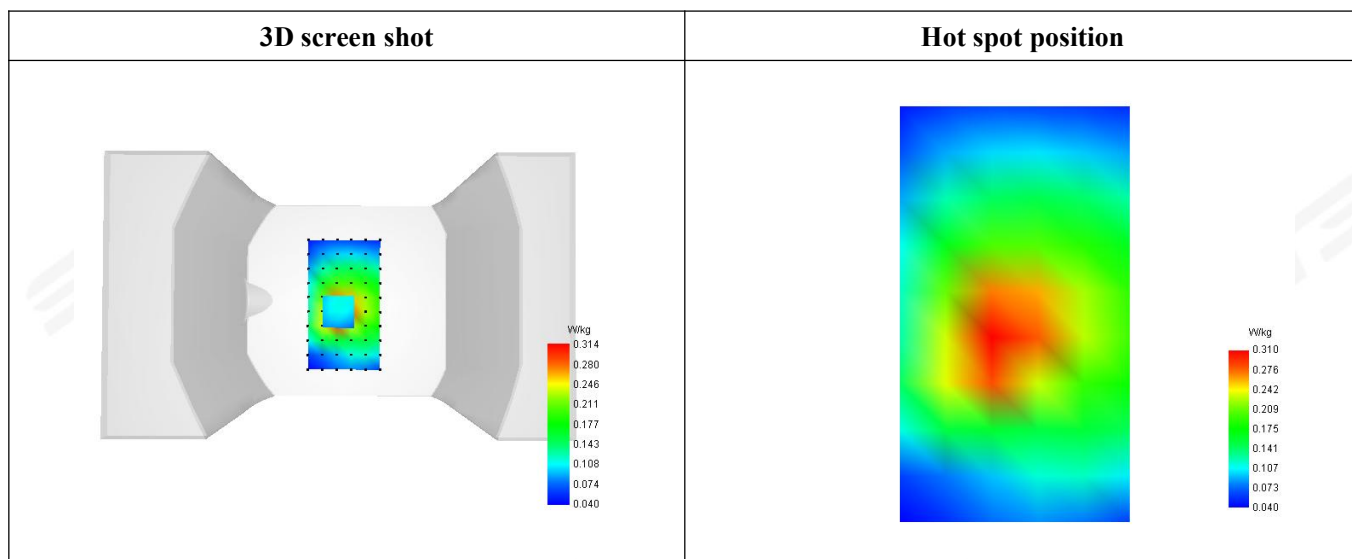
C. SAR Surface and Volume**Maximum location: X=-8.00, Y=-12.00 ; SAR Peak: 0.39 W/kg****D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.227
SAR 1g (W/Kg)	0.310
Variation (%)	3.100
Horizontal validation criteria: minimum distance (mm)	16.285969
Vertical validation criteria: SAR ratio M2/M1 (%)	58.352315

E. Z Axis Scan



F. 3D Image



**Testing result (LTE Band 13 ANT 1, Back, Middle, 5mm)**

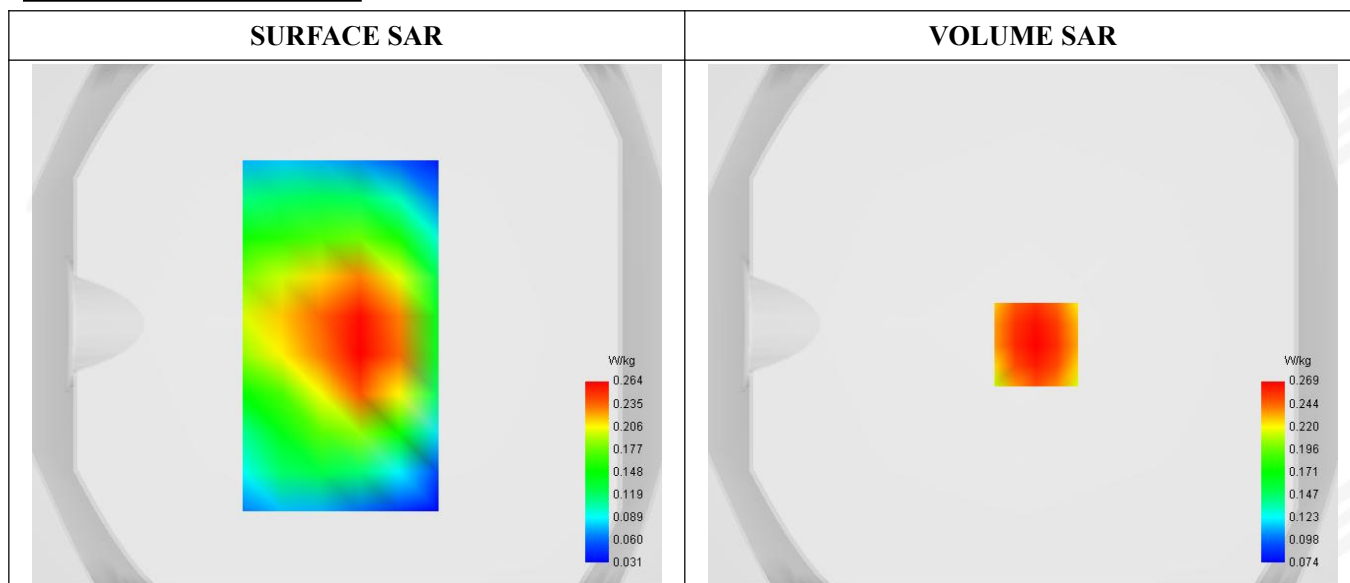
Date of measurement: 03/30/2026

A. Experimental conditions.

E-Field Probe	SATIMO 08/21 EPG0352
ConvF	1.51
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band 13
Channels	Middle
Signal	LTE(Crest factor: 1.0)

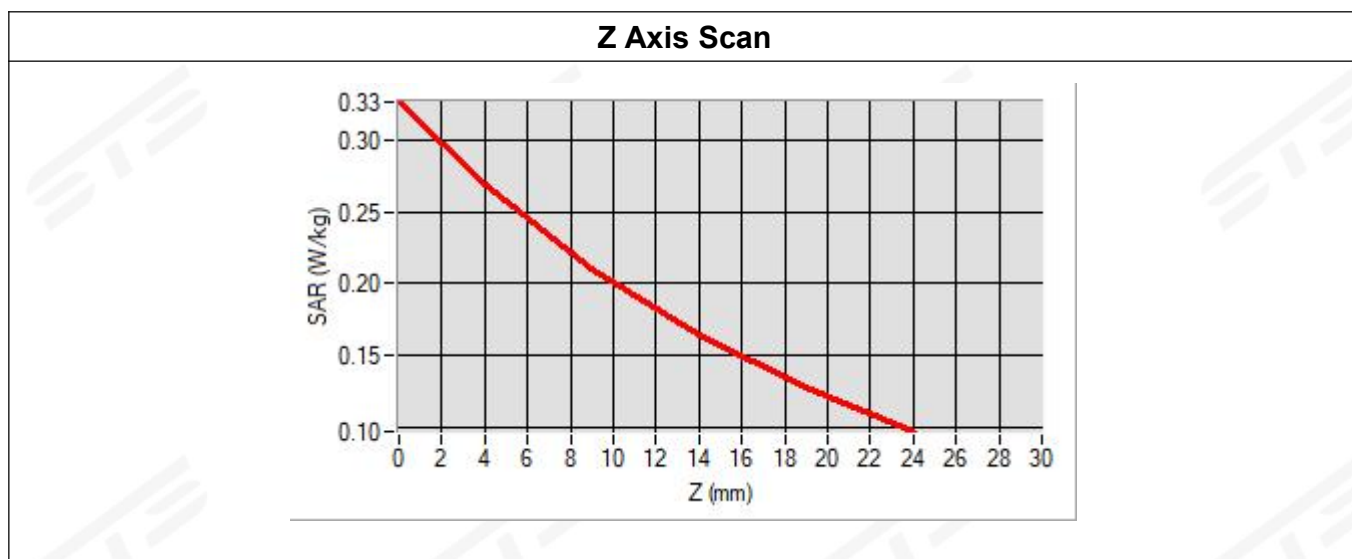
B. Permittivity

Frequency (MHz)	782.0
Relative permittivity (real part)	42.76
Conductivity (S/m)	0.93

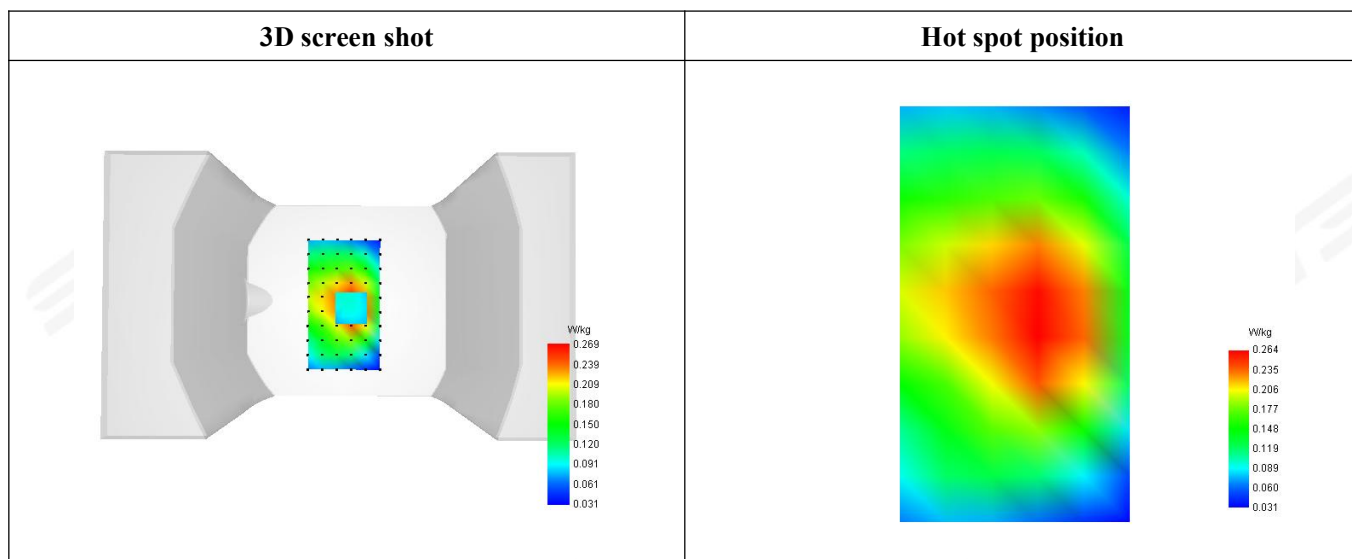
C. SAR Surface and Volume**Maximum location: X=5.00, Y=-8.00 ; SAR Peak: 0.40 W/k****D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.196
SAR 1g (W/Kg)	0.260
Variation (%)	0.670
Horizontal validation criteria: minimum distance (mm)	21.896311
Vertical validation criteria: SAR ratio M2/M1 (%)	60.847535

E. Z Axis Scan



F. 3D Image



**Testing result (LTE Band 48 ANT 1, Back, Low, 5mm)**

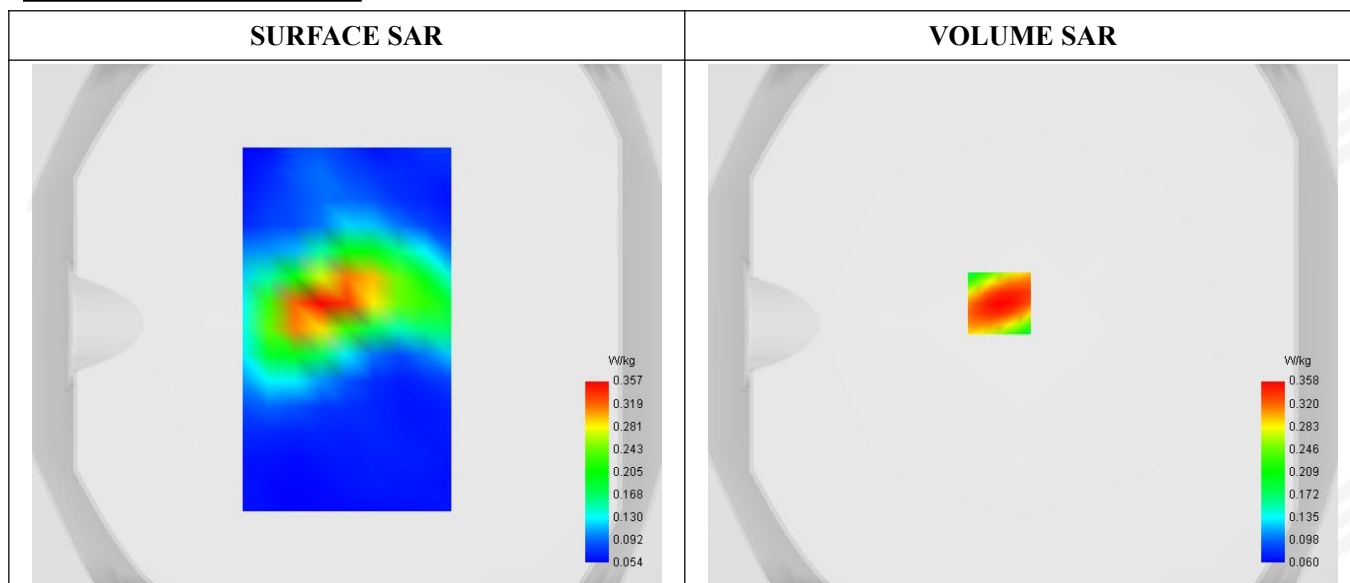
Date of measurement: 04/02/2026

A. Experimental conditions.

E-Field Probe	SATIMO 08/21 EPG0352
ConvF	1.42
Area Scan	dx=10mm dy=10mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band 48
Channels	Low
Signal	LTE(Crest factor: 0.633)

B. Permittivity

Frequency (MHz)	3560.0
Relative permittivity (real part)	37.35
Conductivity (S/m)	3.04

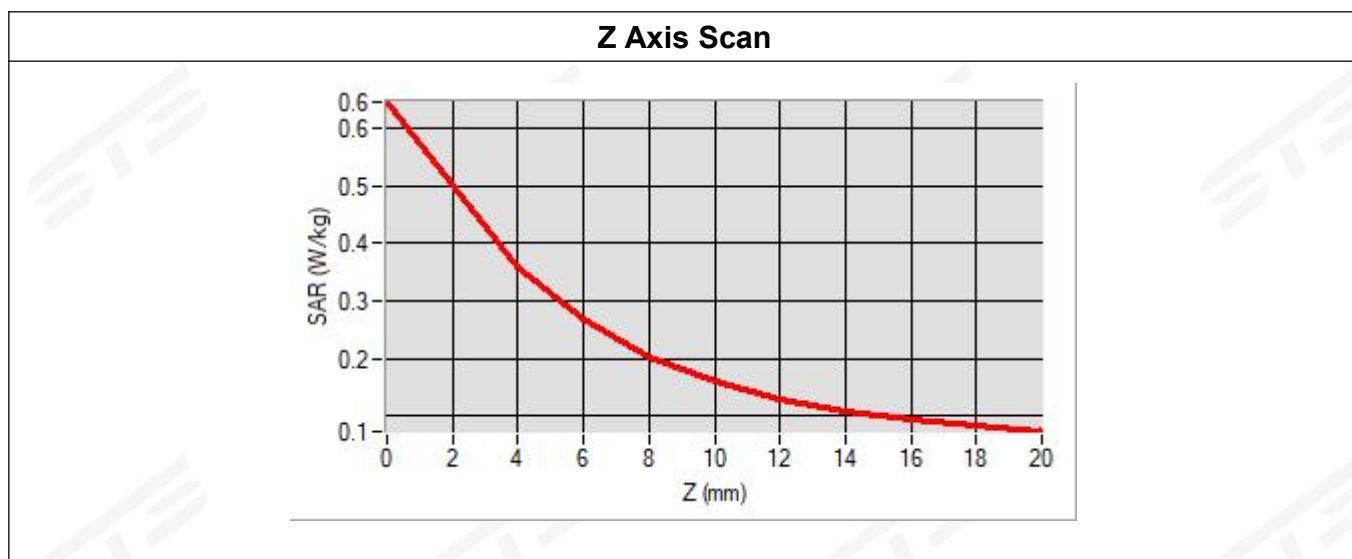
C. SAR Surface and Volume

Maximum location: X=-9.00, Y=8.00 ; SAR Peak: 0.64 W/kg

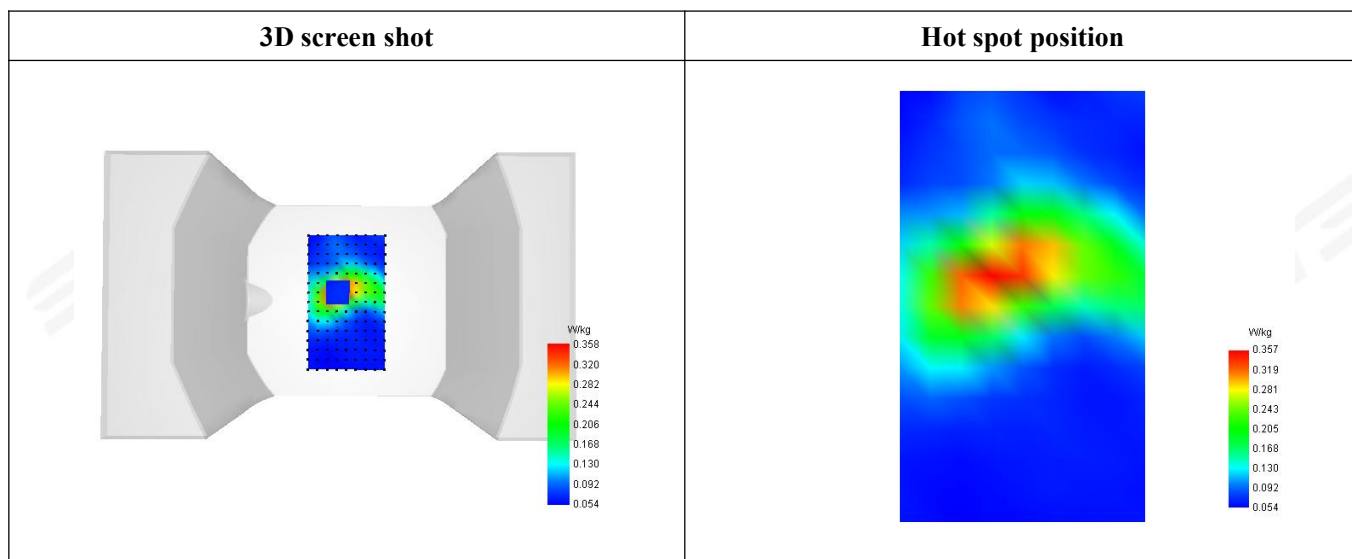
D. SAR 1g & 10g

SAR 10g (W/Kg)	0.191
SAR 1g (W/Kg)	0.342
Variation (%)	-0.790
Horizontal validation criteria: minimum distance (mm)	14.188650
Vertical validation criteria: SAR ratio M2/M1 (%)	51.131893

E. Z Axis Scan



F. 3D Image



**Testing result (LTE Band 66 ANT 1, Back, High, 5mm)**

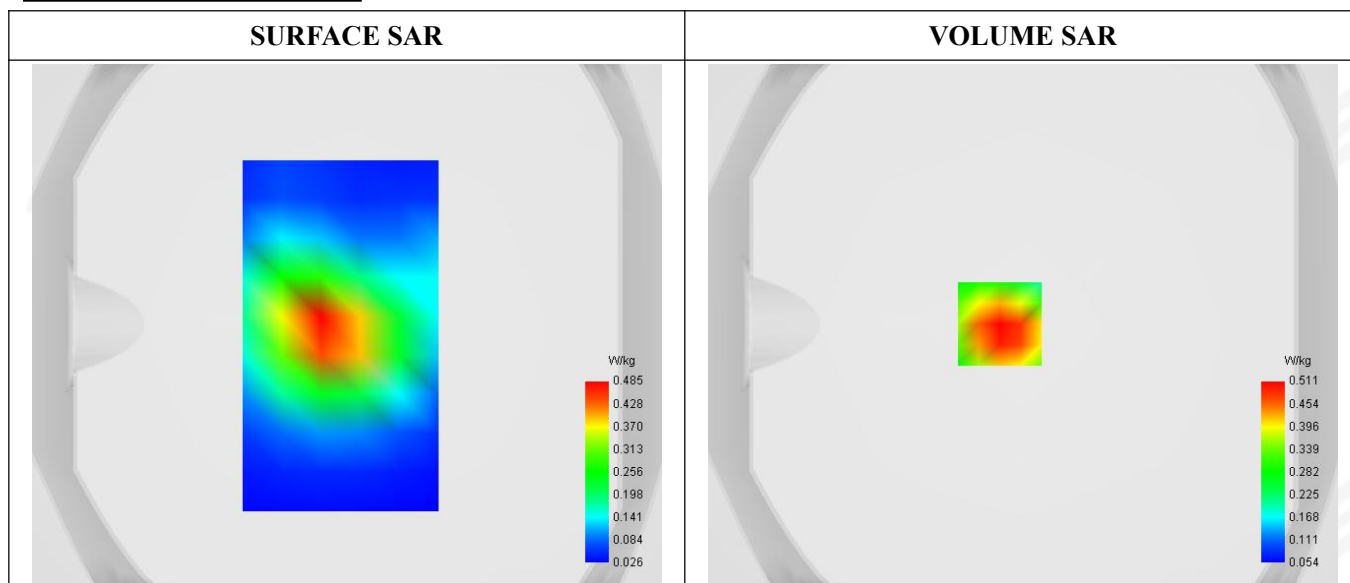
Date of measurement: 04/07/2026

A. Experimental conditions.

E-Field Probe	SATIMO 08/21 EPG0352
ConvF	1.54
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band 66
Channels	High
Signal	LTE(Crest factor: 1.0)

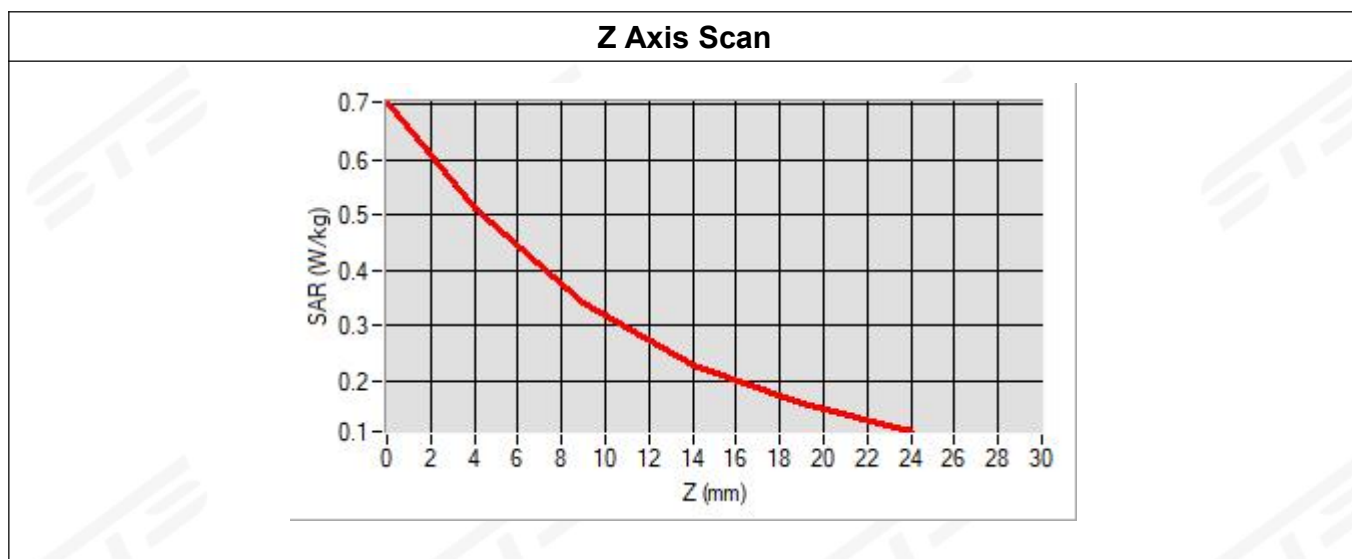
B. Permittivity

Frequency (MHz)	1770.0
Relative permittivity (real part)	41.07
Conductivity (S/m)	1.39

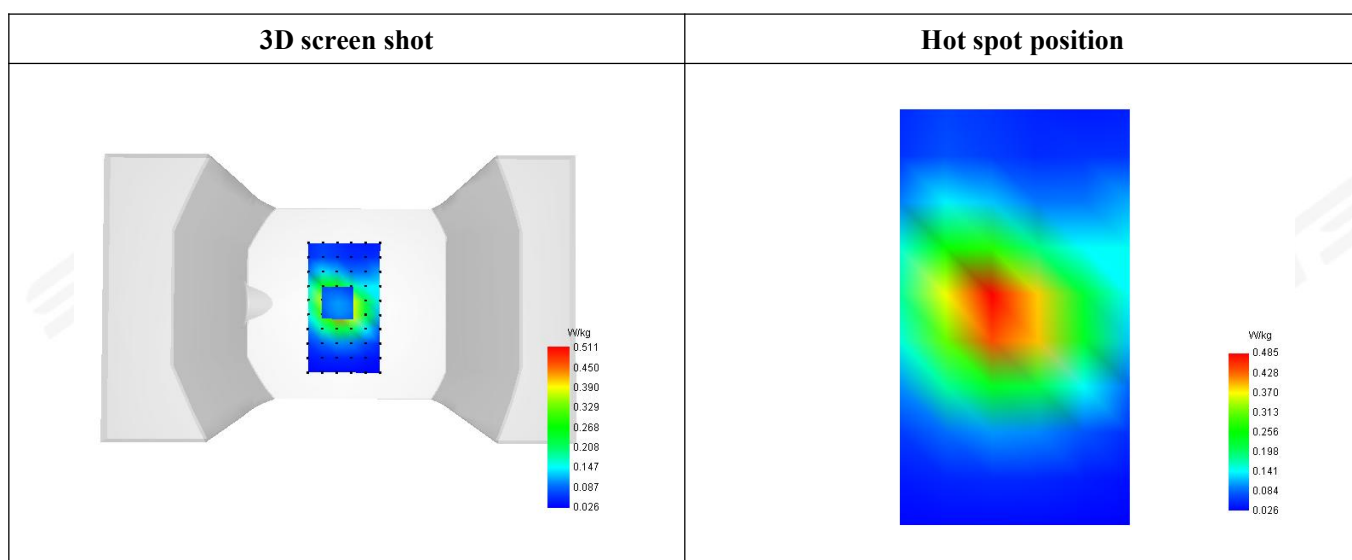
C. SAR Surface and Volume**Maximum location: X=9.00, Y=0.00 ; SAR Peak: 0.72 W/kg****D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.309
SAR 1g (W/Kg)	0.489
Variation (%)	0.920
Horizontal validation criteria: minimum distance (mm)	17.294065
Vertical validation criteria: SAR ratio M2/M1 (%)	56.284060

E. Z Axis Scan



F. 3D Image



**Testing result (NR 2 ANT 1, Back, High, 5mm)**

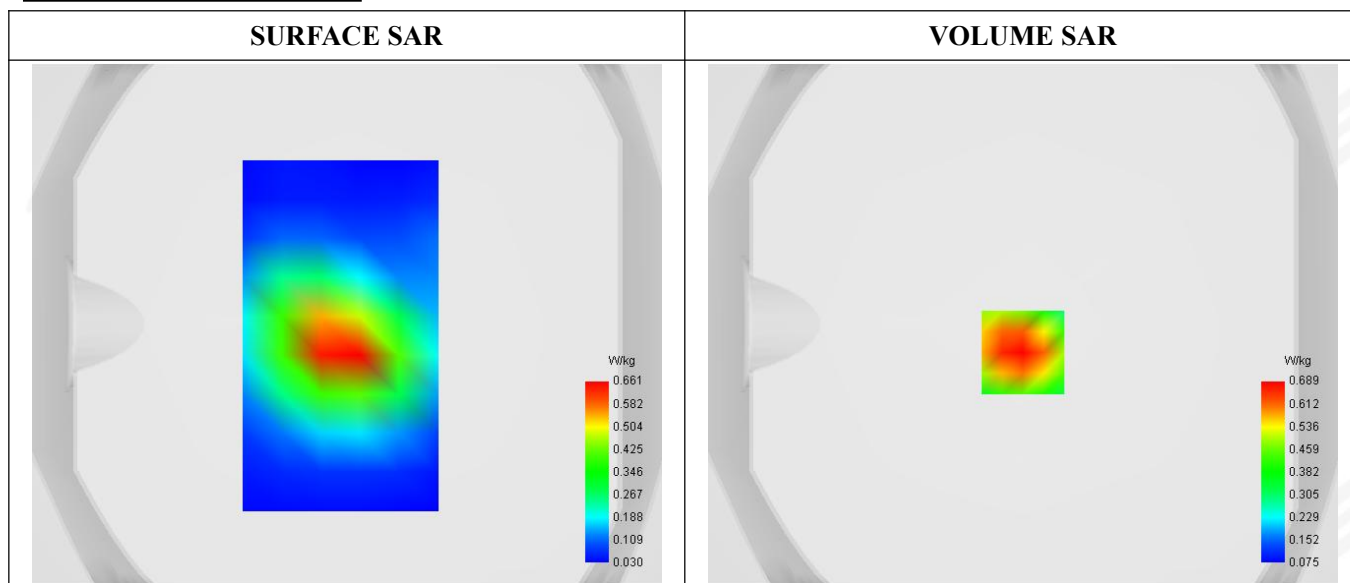
Date of measurement: 04/01/2026

A. Experimental conditions.

E-Field Probe	SATIMO 08/21 EPG0352
ConvF	1.73
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	NR Band 2
Channels	High
Signal	SA(Crest factor: 1.0)

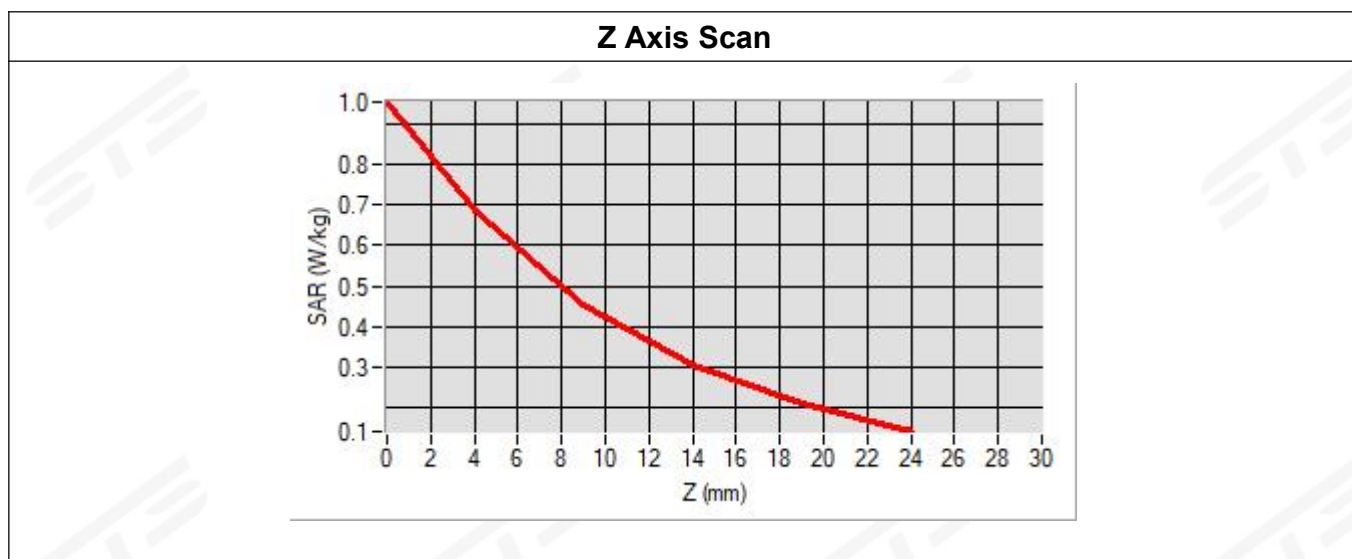
B. Permittivity

Frequency (MHz)	1900.0
Relative permittivity (real part)	40.23
Conductivity (S/m)	1.39

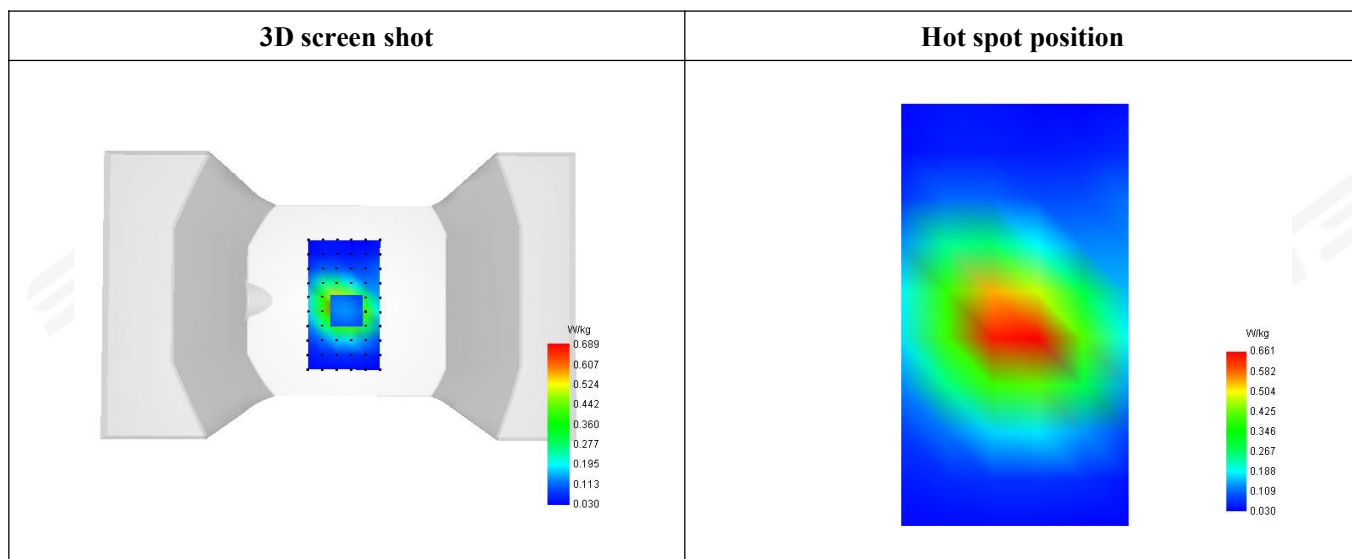
C. SAR Surface and Volume**Maximum location: X=0.00, Y=-11.00 ; SAR Peak: 0.96 W/kg****D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.411
SAR 1g (W/Kg)	0.654
Variation (%)	-2.120
Horizontal validation criteria: minimum distance (mm)	18.144781
Vertical validation criteria: SAR ratio M2/M1 (%)	55.603645

E. Z Axis Scan



F. 3D Image



**Testing result (NR 5 ANT 1, Back, Low, 5mm)**

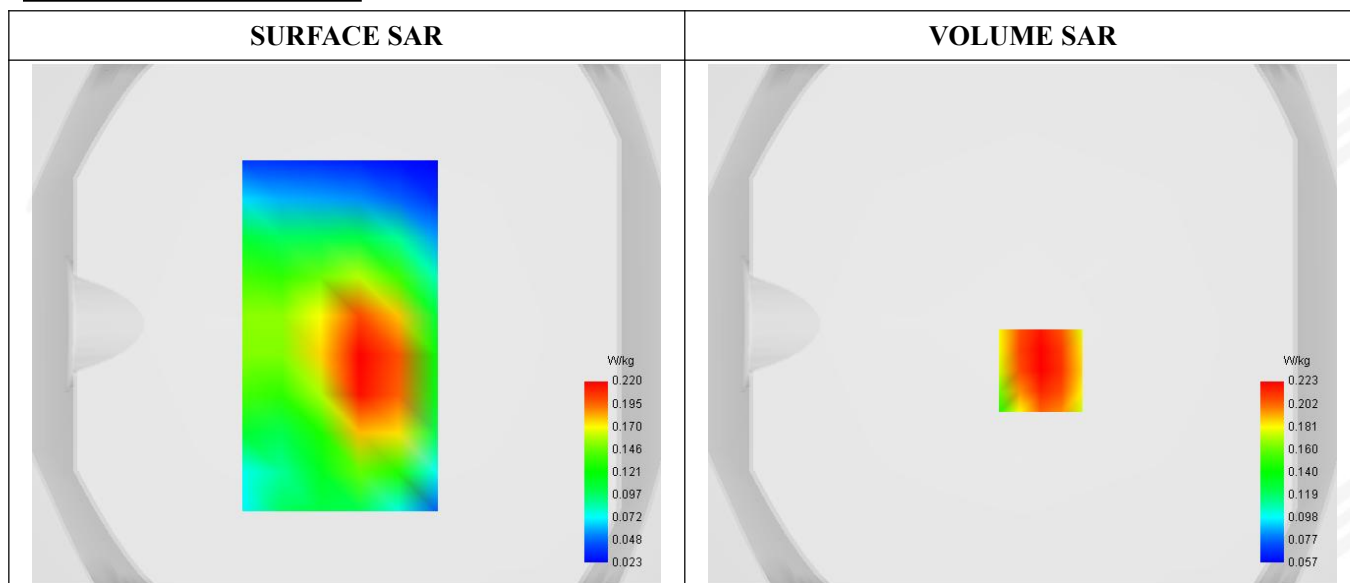
Date of measurement: 04/03/2026

A. Experimental conditions.

E-Field Probe	SATIMO 08/21 EPG0352
ConvF	1.49
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	NR Band 5
Channels	Low
Signal	SA(Crest factor: 1.0)

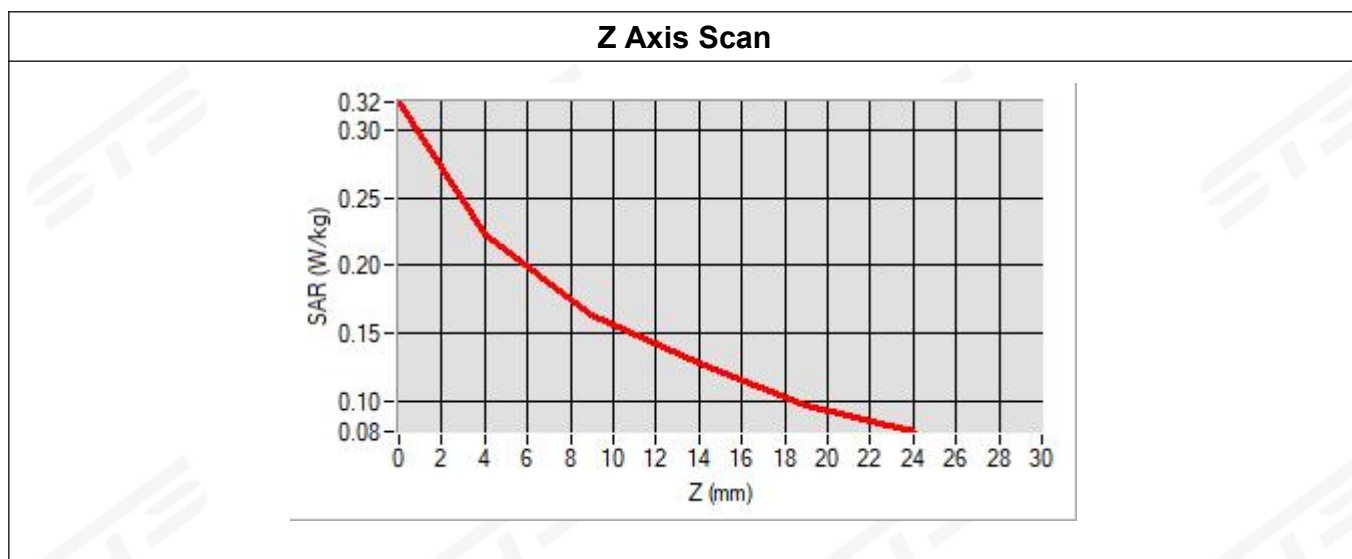
B. Permittivity

Frequency (MHz)	834.0
Relative permittivity (real part)	42.49
Conductivity (S/m)	0.93

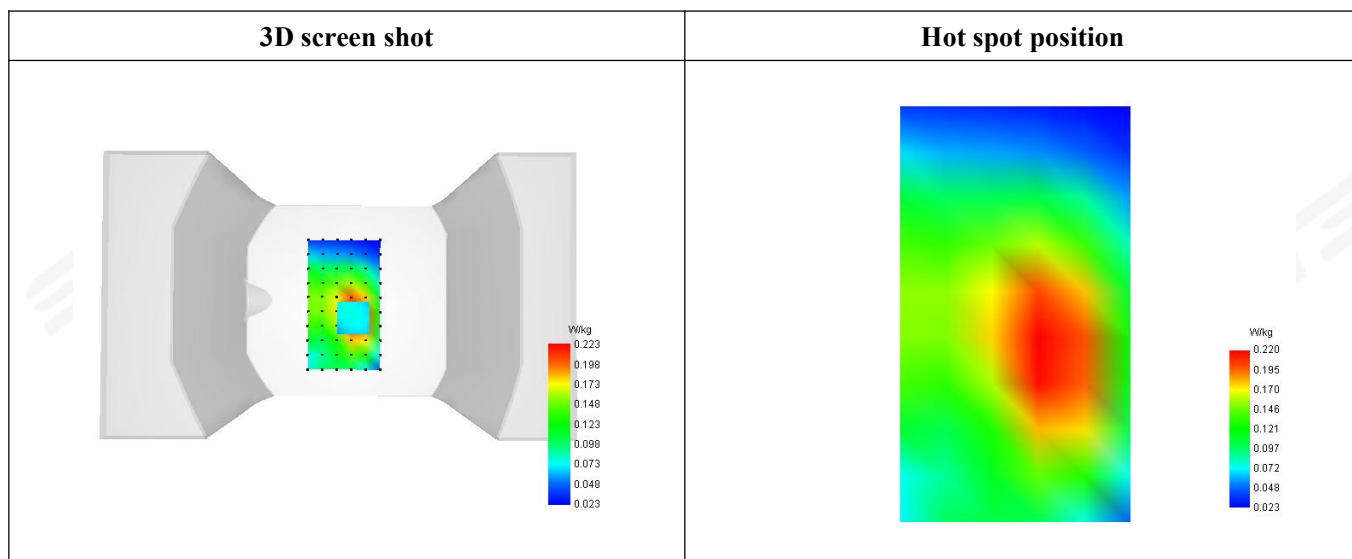
C. SAR Surface and Volume**Maximum location: X=7.00, Y=-18.00 ; SAR Peak: 0.28 W/kg****D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.158
SAR 1g (W/Kg)	0.216
Variation (%)	1.420
Horizontal validation criteria: minimum distance (mm)	12.925640
Vertical validation criteria: SAR ratio M2/M1 (%)	41.897777

E. Z Axis Scan



F. 3D Image



**Testing result (NR 25 ANT 1, Back, Middle, 5mm)**

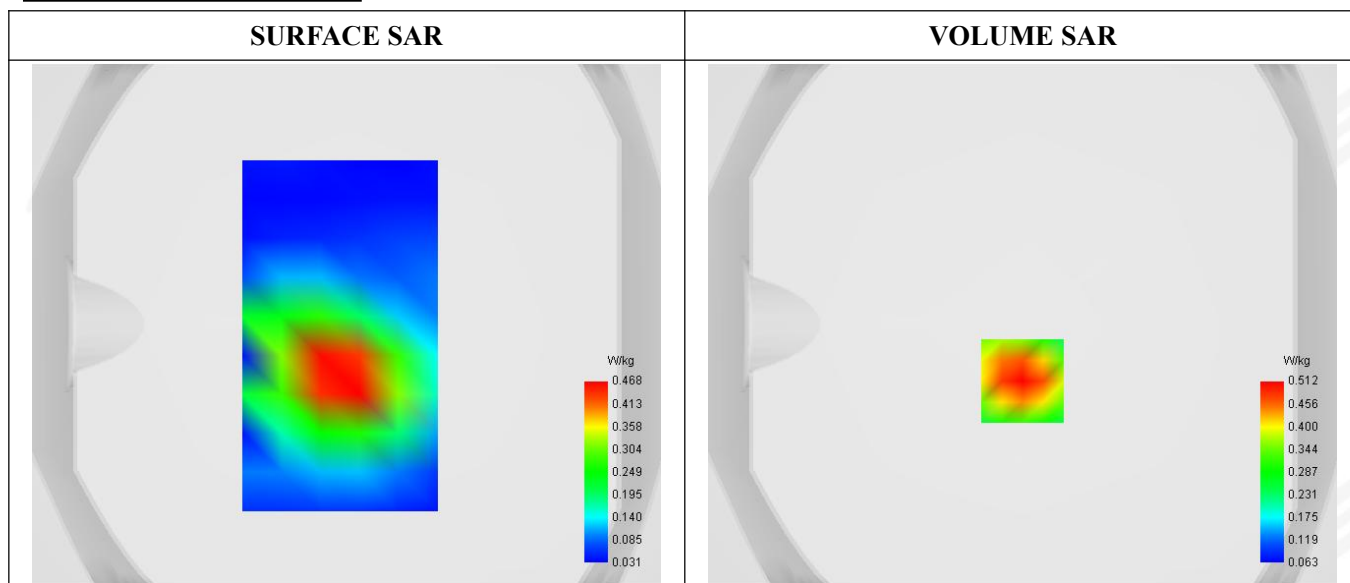
Date of measurement: 05/20/2026

A. Experimental conditions.

E-Field Probe	SATIMO 08/21 EPG0352
ConvF	1.73
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	NR Band 25
Channels	Middle
Signal	SA(Crest factor: 1.0)

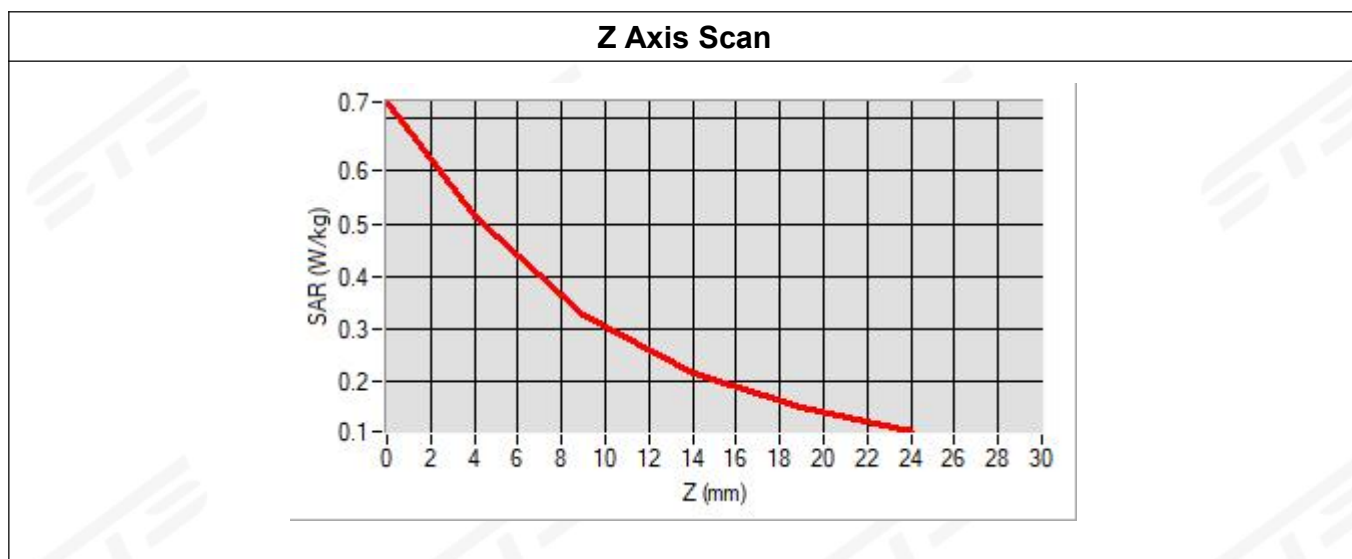
B. Permittivity

Frequency (MHz)	1882.5
Relative permittivity (real part)	39.82
Conductivity (S/m)	1.39

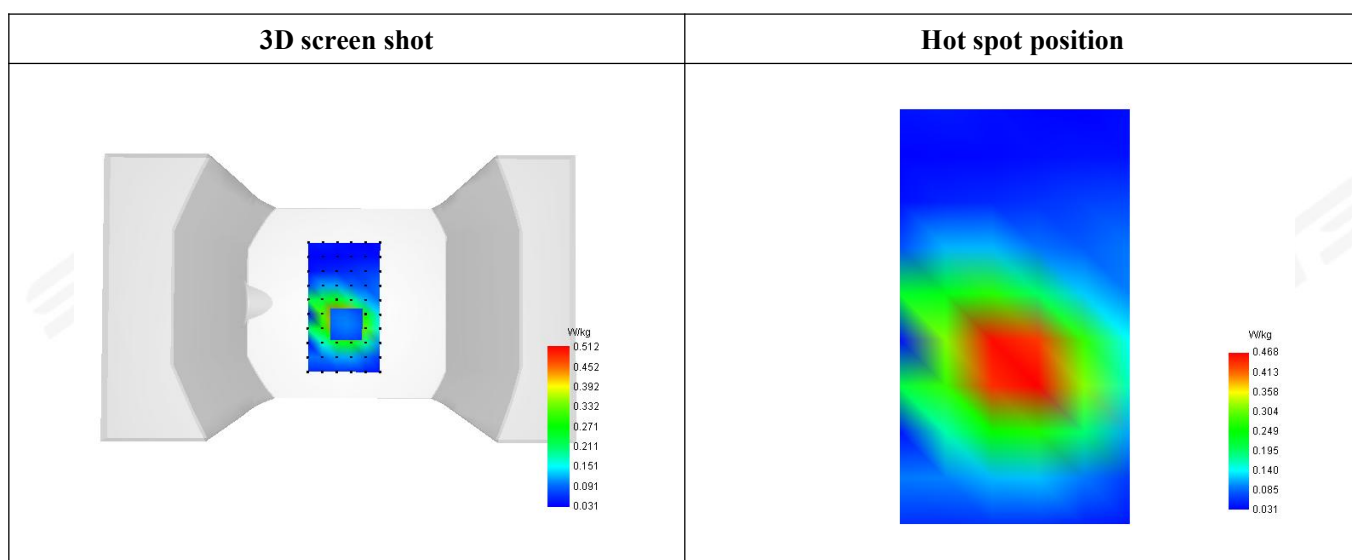
C. SAR Surface and Volume**Maximum location: X=0.00, Y=-22.00 ; SAR Peak: 0.73 W/kg****D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.301
SAR 1g (W/Kg)	0.485
Variation (%)	-2.590
Horizontal validation criteria: minimum distance (mm)	16.973673
Vertical validation criteria: SAR ratio M2/M1 (%)	52.914291

E. Z Axis Scan



F. 3D Image



**Testing result (NR 48 ANT 1, Back, Middle, 5mm)**

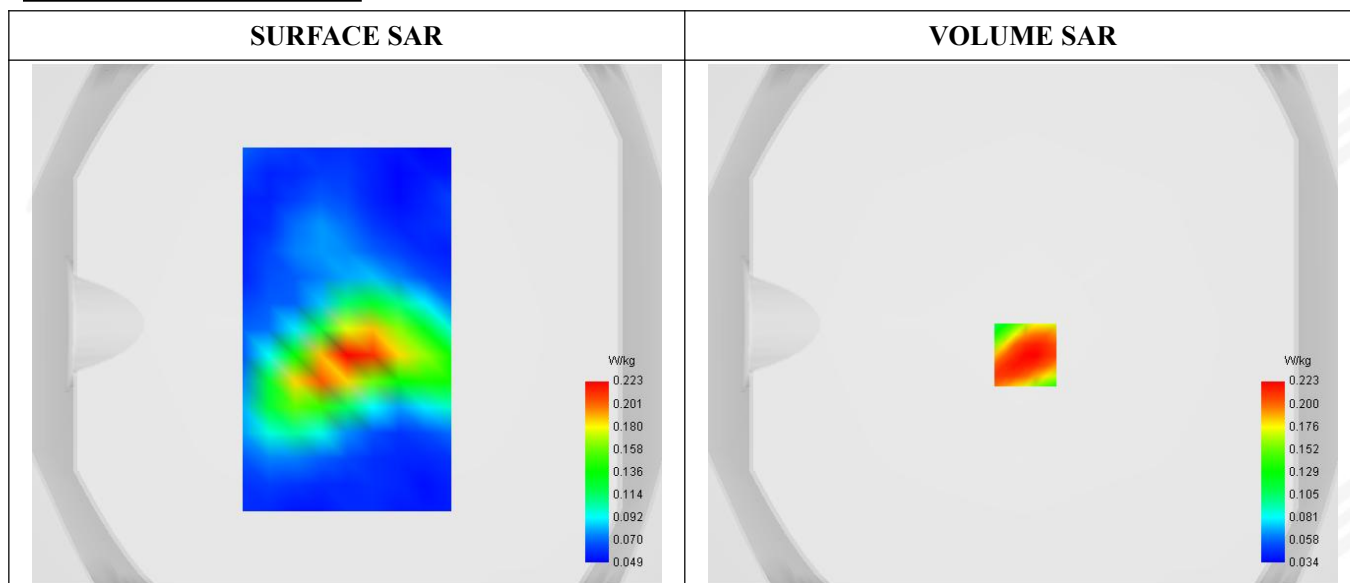
Date of measurement: 04/02/2026

A. Experimental conditions.

E-Field Probe	SATIMO 08/21 EPG0352
ConvF	1.42
Area Scan	dx=10mm dy=10mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body Back
Band	NR Band 48
Channels	Middle
Signal	SA(Crest factor: 1.0)

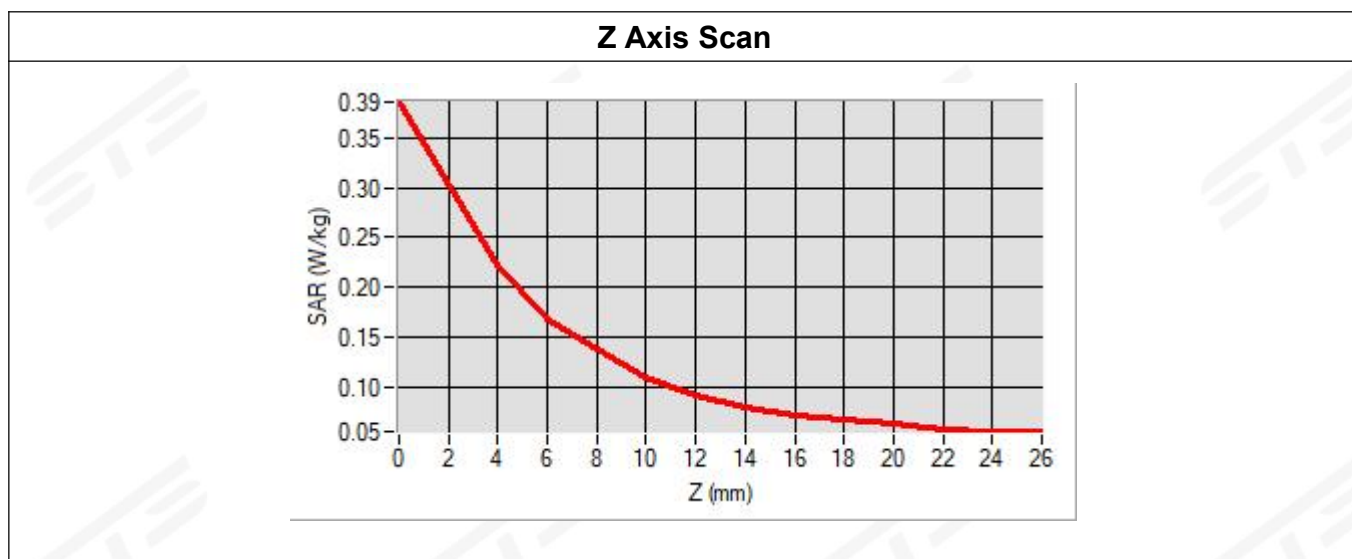
B. Permittivity

Frequency (MHz)	3624.99
Relative permittivity (real part)	37.28
Conductivity (S/m)	3.12

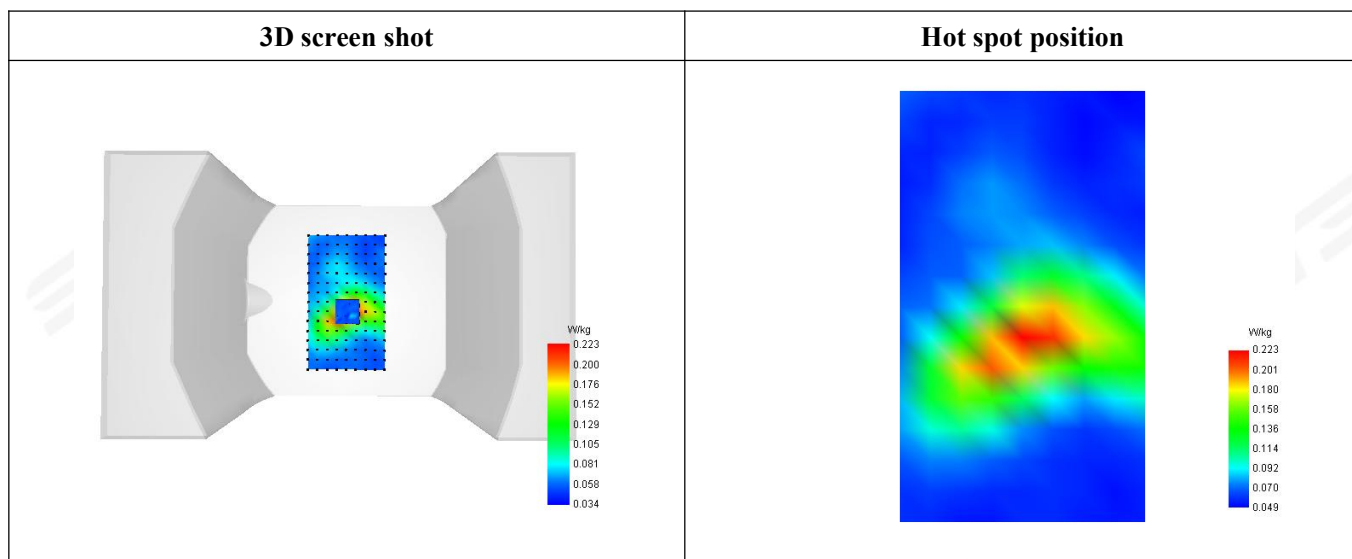
C. SAR Surface and Volume**Maximum location: X=1.00, Y=-12.00 ; SAR Peak: 0.37 W/kg****D. SAR 1g & 10g**

SAR 10g (W/Kg)	0.109
SAR 1g (W/Kg)	0.211
Variation (%)	1.960
Horizontal validation criteria: minimum distance (mm)	15.113845
Vertical validation criteria: SAR ratio M2/M1 (%)	52.602161

E. Z Axis Scan



F. 3D Image



**Testing result (NR 66 ANT 1, Back, Middle, 5mm)**

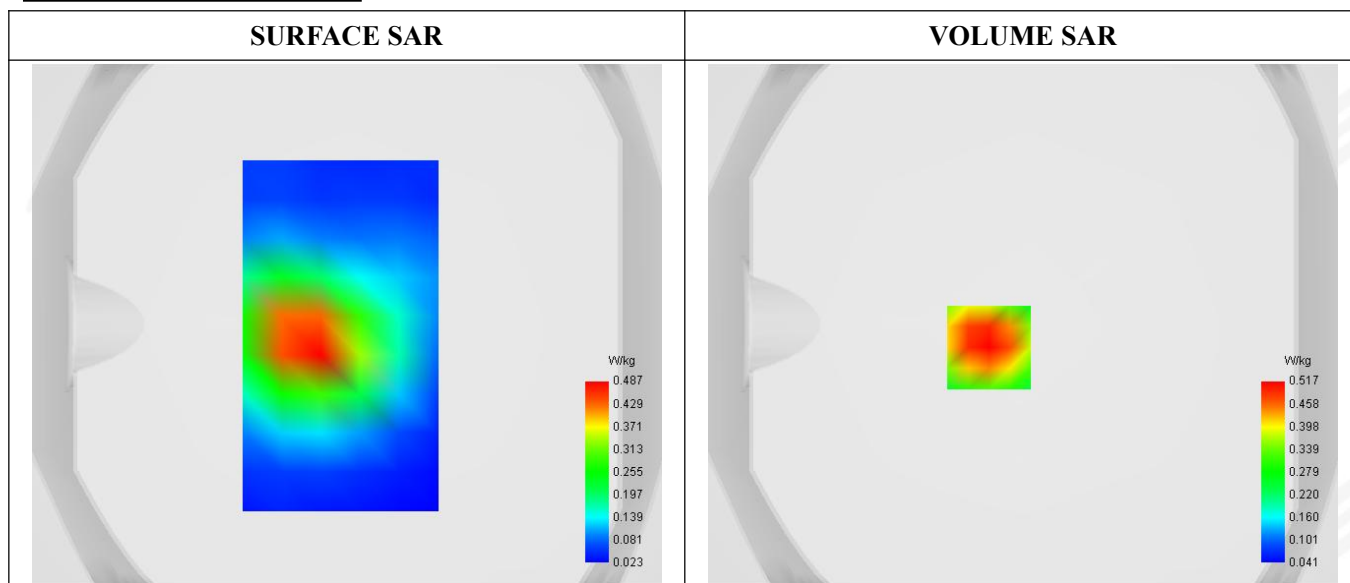
Date of measurement: 04/07/2026

A. Experimental conditions.

E-Field Probe	SATIMO 08/21 EPG0352
ConvF	1.54
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	NR Band 66
Channels	Middle
Signal	SA(Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	1745.0
Relative permittivity (real part)	41.18
Conductivity (S/m)	1.37

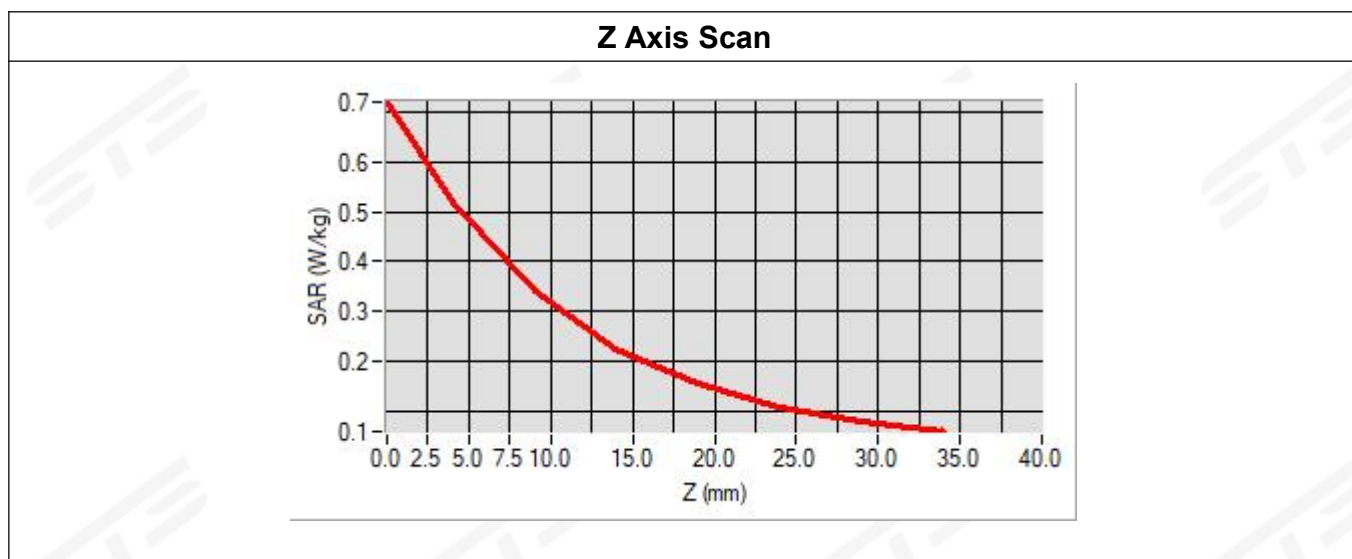
C. SAR Surface and Volume

Maximum location: X=-13.00, Y=-9.00 ; SAR Peak: 0.73 W/kg

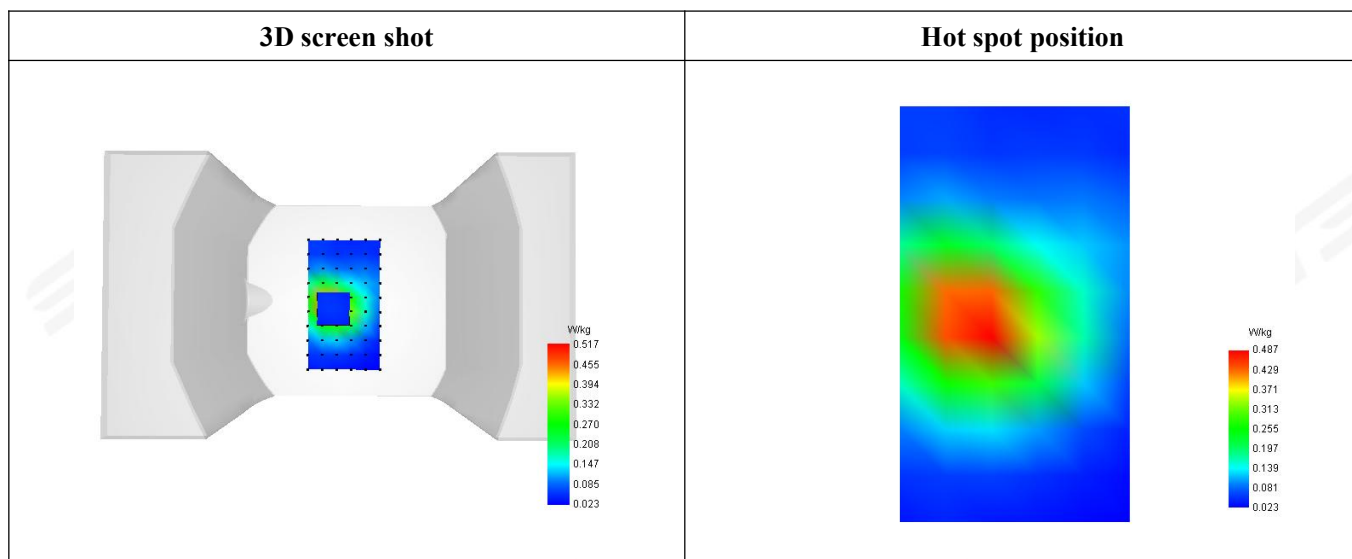
D. SAR 1g & 10g

SAR 10g (W/Kg)	0.311
SAR 1g (W/Kg)	0.499
Variation (%)	-0.770
Horizontal validation criteria: minimum distance (mm)	17.595048
Vertical validation criteria: SAR ratio M2/M1 (%)	59.800052

E. Z Axis Scan



F. 3D Image



**Testing result (NR 71 ANT 1, Back, Middle, 5mm)**

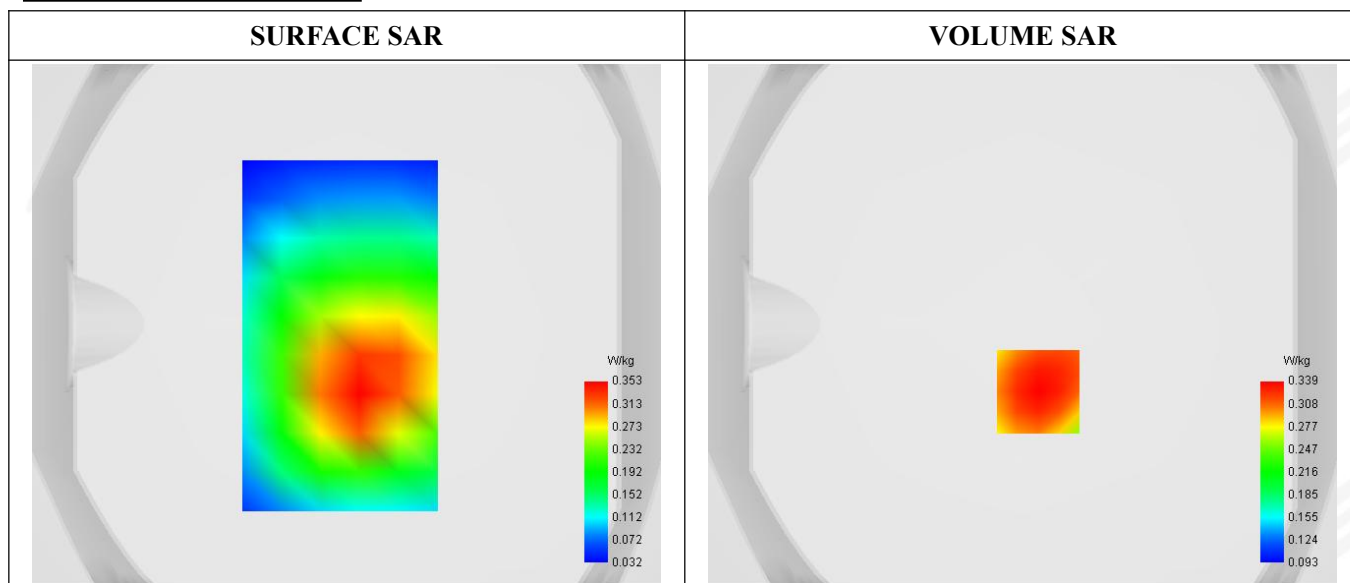
Date of measurement: 05/21/2026

A. Experimental conditions.

E-Field Probe	SATIMO 08/21 EPG0352
ConvF	1.51
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	NR Band 71
Channels	Middle
Signal	SA(Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	680.5
Relative permittivity (real part)	42.65
Conductivity (S/m)	0.85

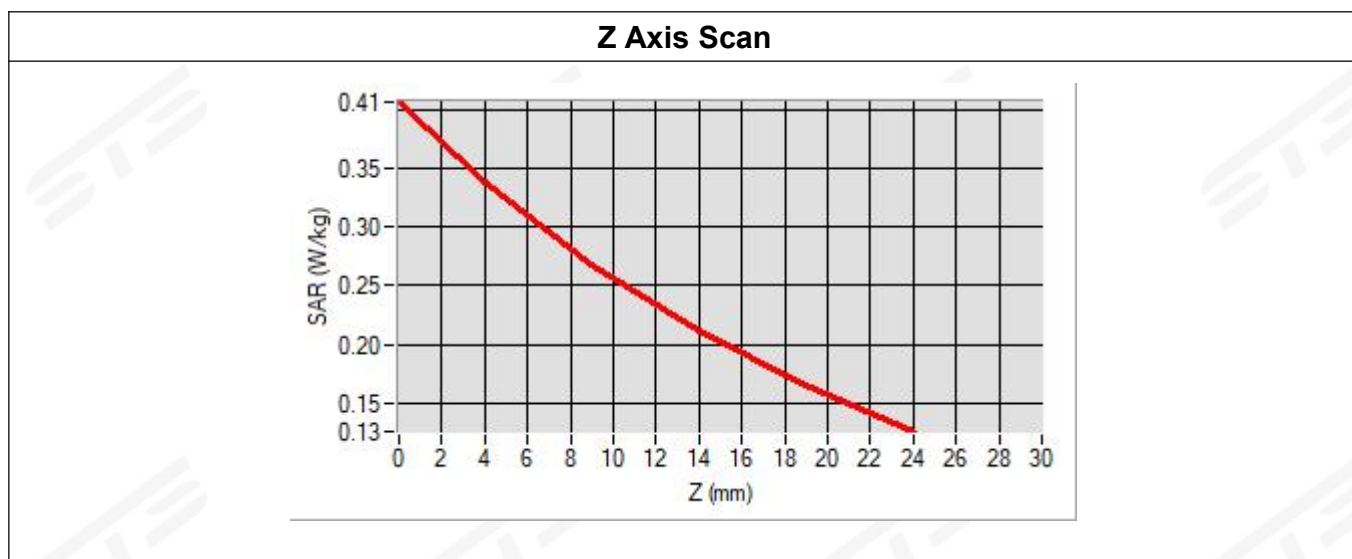
C. SAR Surface and Volume

Maximum location: X=6.00, Y=-26.00 ; SAR Peak: 0.41 W/kg

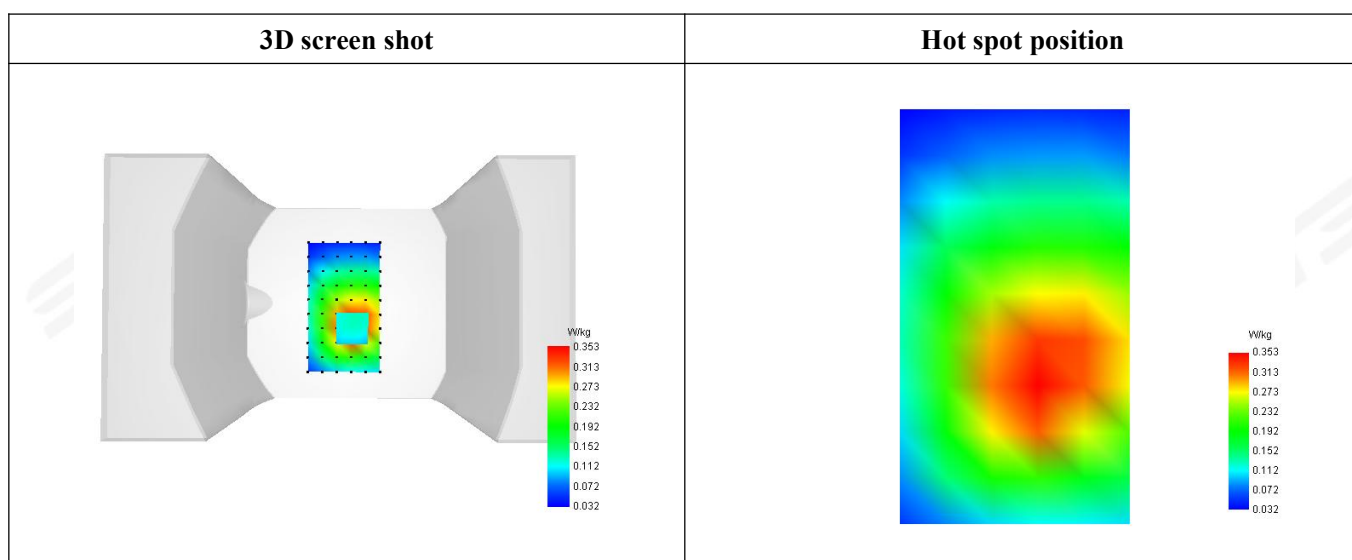
D. SAR 1g & 10g

SAR 10g (W/Kg)	0.253
SAR 1g (W/Kg)	0.334
Variation (%)	-1.200
Horizontal validation criteria: minimum distance (mm)	18.229615
Vertical validation criteria: SAR ratio M2/M1 (%)	57.801972

E. Z Axis Scan



F. 3D Image



**Testing result (NR 77(3450 MHz-3550 MHz) ANT 1, Back, Middle 5mm)**

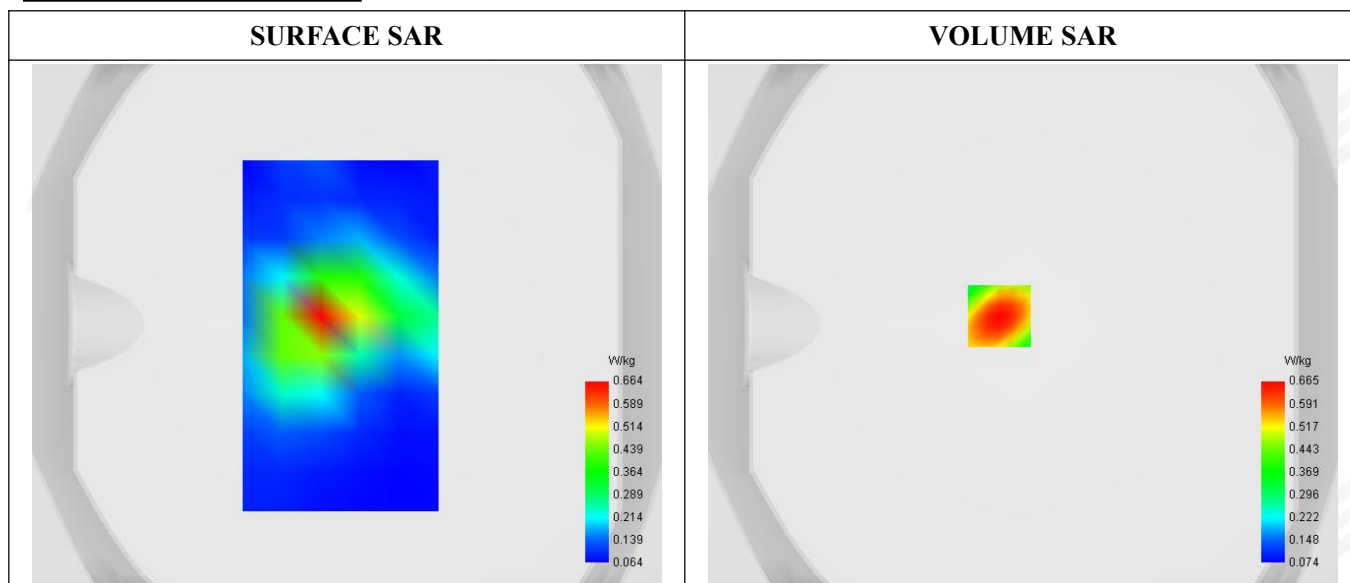
Date of measurement: 04/02/2026

A. Experimental conditions.

E-Field Probe	SATIMO 08/21 EPG0352
ConvF	1.42
Area Scan	dx=10mm dy=10mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body Back
Band	NR Band 77
Channels	Middle
Signal	SA(Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	3500.01
Relative permittivity (real part)	37.39
Conductivity (S/m)	2.95

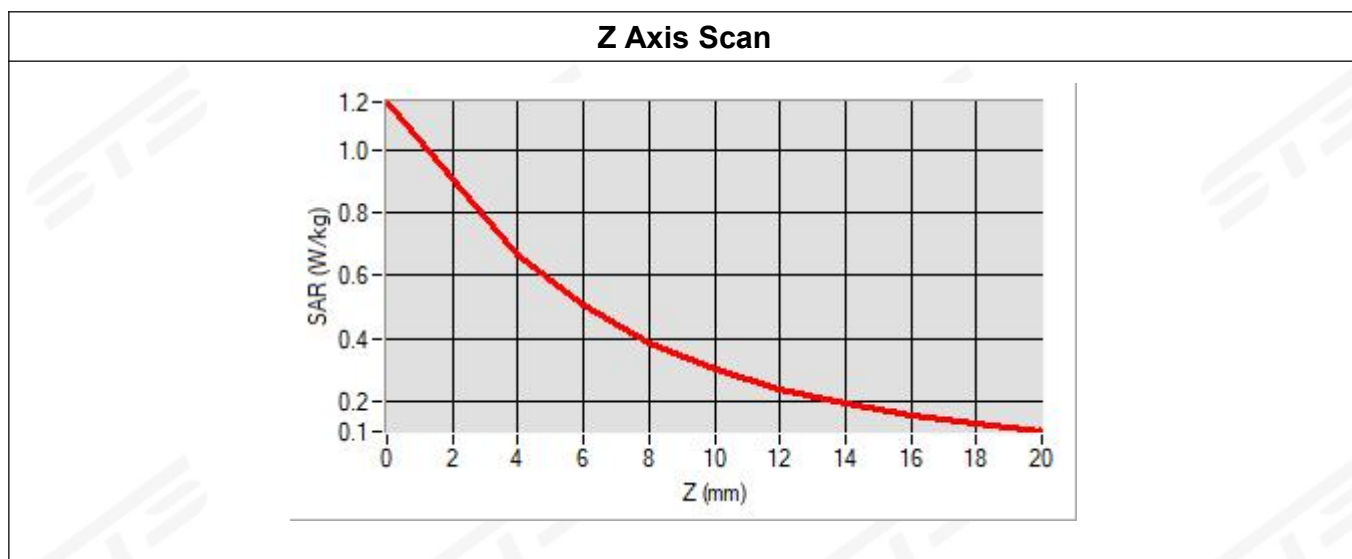
C. SAR Surface and Volume

Maximum location: X=-9.00, Y=3.00 ; SAR Peak: 1.16 W/kg

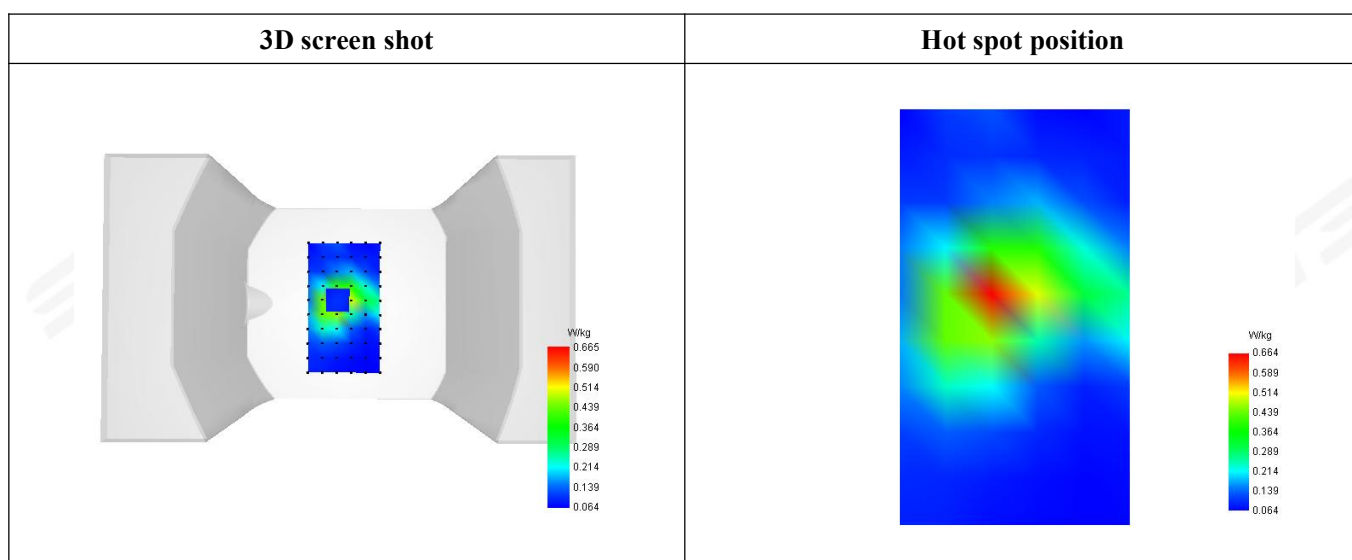
D. SAR 1g & 10g

SAR 10g (W/Kg)	0.338
SAR 1g (W/Kg)	0.628
Variation (%)	1.660
Horizontal validation criteria: minimum distance (mm)	29.850000
Vertical validation criteria: SAR ratio M2/M1 (%)	72.746500

E. Z Axis Scan



F. 3D Image



**Testing result (Bluetooth ANT 3, Front, Middle, 0mm)**

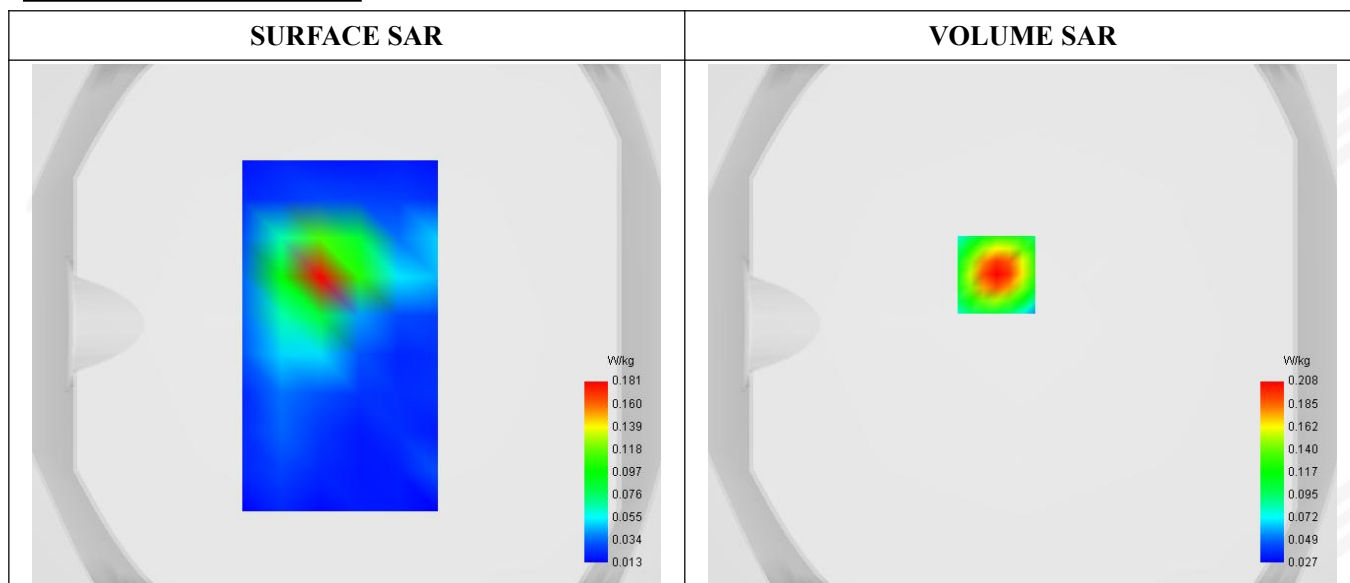
Date of measurement: 05/15/2026

A. Experimental conditions.

E-Field Probe	SATIMO 08/21 EPG0352
ConvF	1.82
Area Scan	dx=12mm dy=12mm
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body Front
Band	Bluetooth
Channels	Middle
Signal	8DPSK(Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	2441.0
Relative permittivity (real part)	38.79
Conductivity (S/m)	1.81

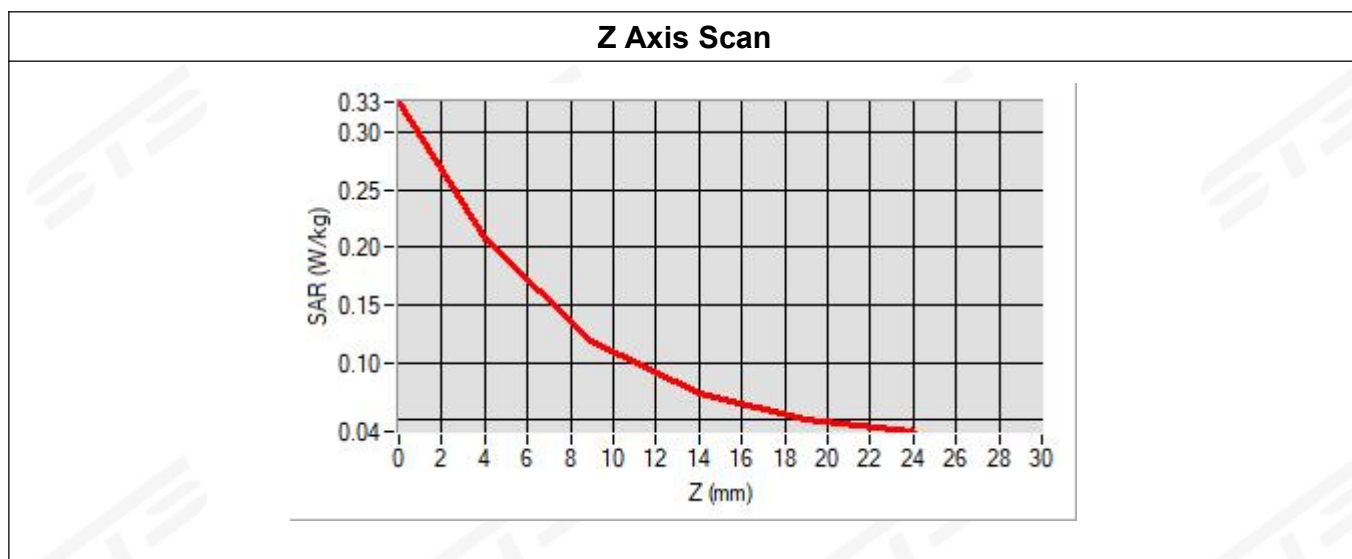
C. SAR Surface and Volume

Maximum location: X=-10.00, Y=19.00 ; SAR Peak: 0.14 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.100
SAR 1g (W/Kg)	0.182
Variation (%)	-1.02
Horizontal validation criteria: minimum distance (mm)	26.832785
Vertical validation criteria: SAR ratio M2/M1 (%)	70.485898

E. Z Axis Scan



F. 3D Image

