

**System Performance Check Data (835MHz)**

Type: Phone measurement (Complete)

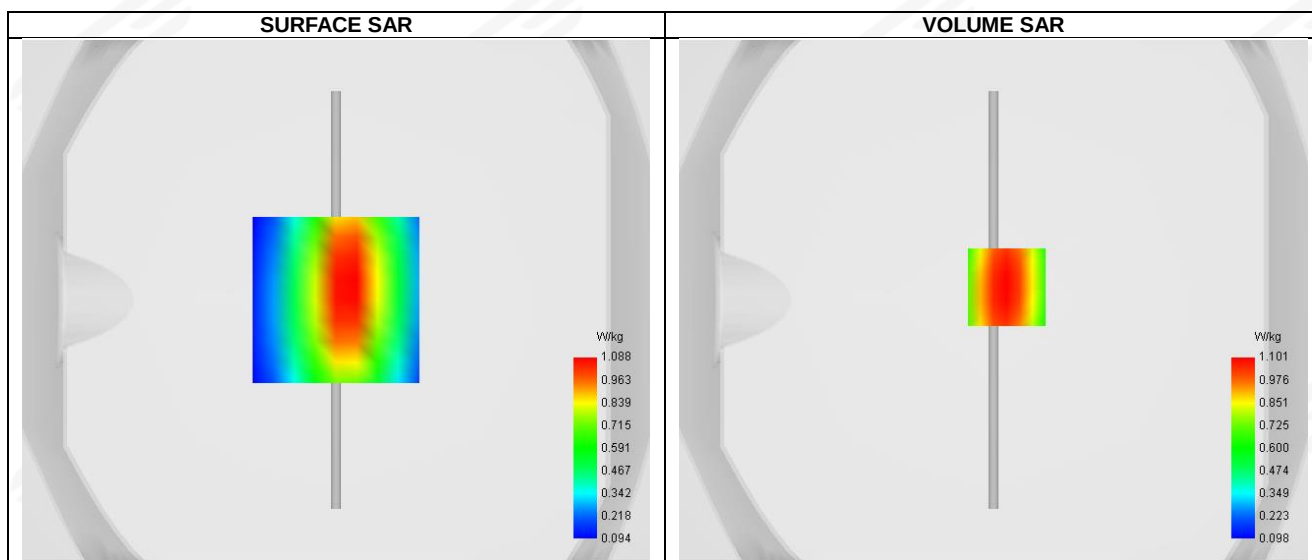
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2025-12-01

Experimental conditions

Phantom	Validation plane
Device Position	Dipole
Band	835MHz
Channels	Middle
Signal	CW
Frequency (MHz)	835MHz
Relative permittivity	41.30
Conductivity (S/m)	0.92
Probe	SN 08/21 EPGO352
ConvF	1.49
Crest factor:	1:1



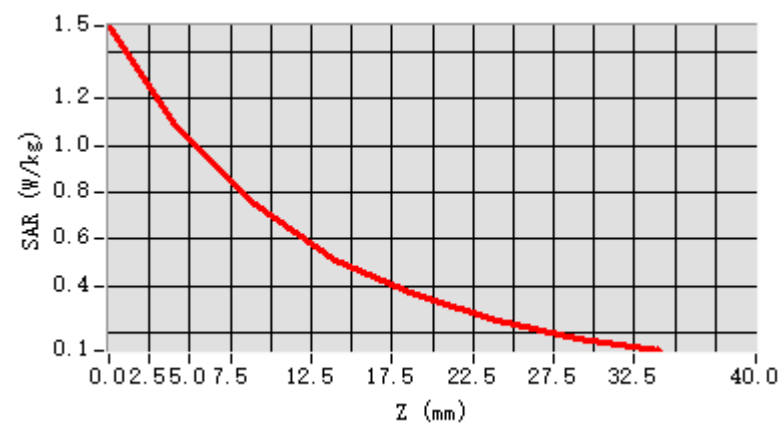
Maximum location: X=5.00, Y=5.00 ; SAR Peak: 1.51 W/kg

D. SAR 1g & 10g

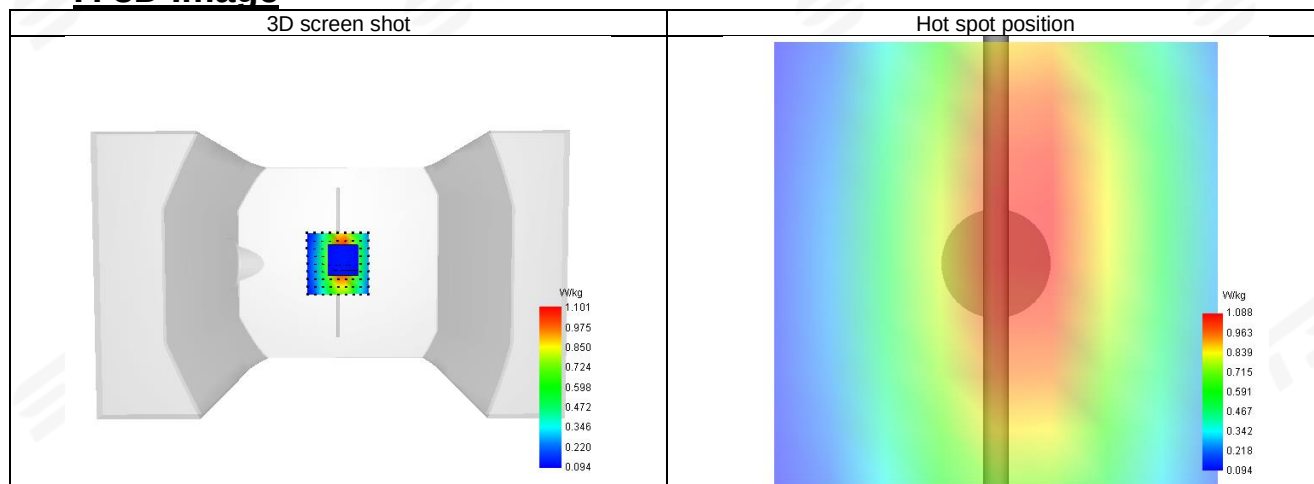
SAR 10g (W/Kg)	0.661
SAR 1g (W/Kg)	1.025
Horizontal validation criteria: minimum distance (mm)	11.210114
Vertical validation criteria: SAR ratio M2/M1 (%)	67.938621

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.512	1.101	0.748	0.512	0.359	0.248	0.171



F. 3D Image



**System Performance Check Data(1800MHz)**

Type: Phone measurement (Complete)

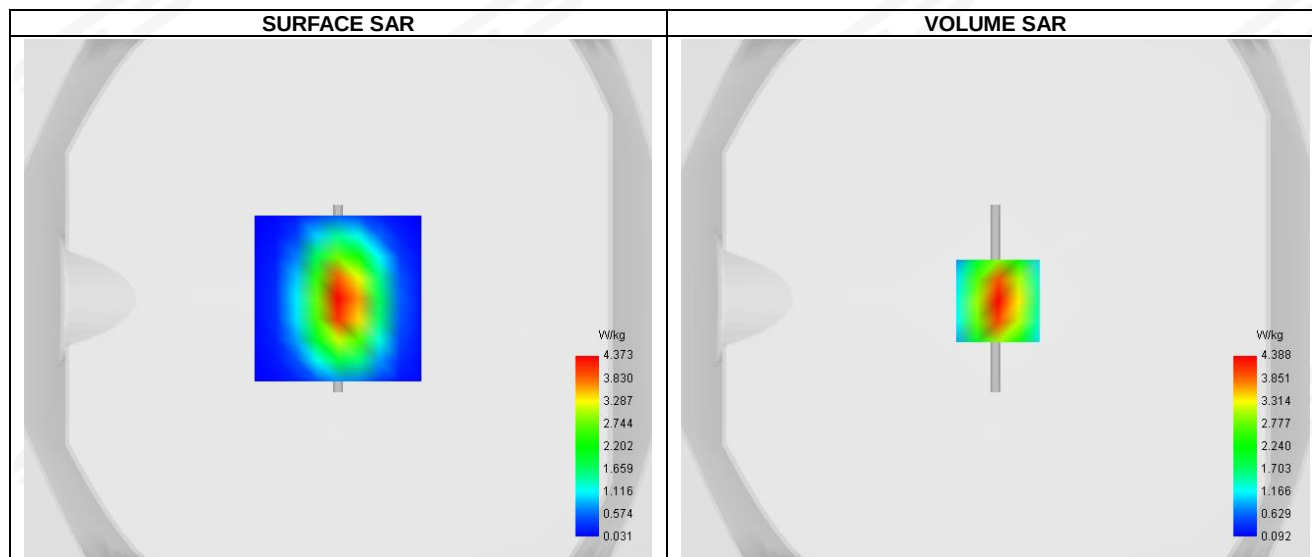
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2025-12-02

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	1800MHz
Channels	Middle
Signal	CW
Frequency (MHz)	1800MHz
Relative permittivity	40.04
Conductivity (S/m)	1.42
Probe	SN 08/21 EPGO352
ConvF	1.54
Crest factor:	1:1



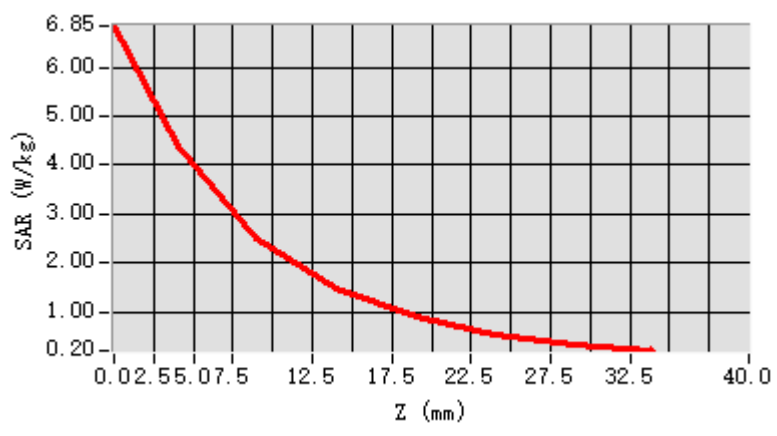
Maximum location: X=1.00, Y=-1.00 ; SAR Peak: 6.80 W/kg

D. SAR 1g & 10g

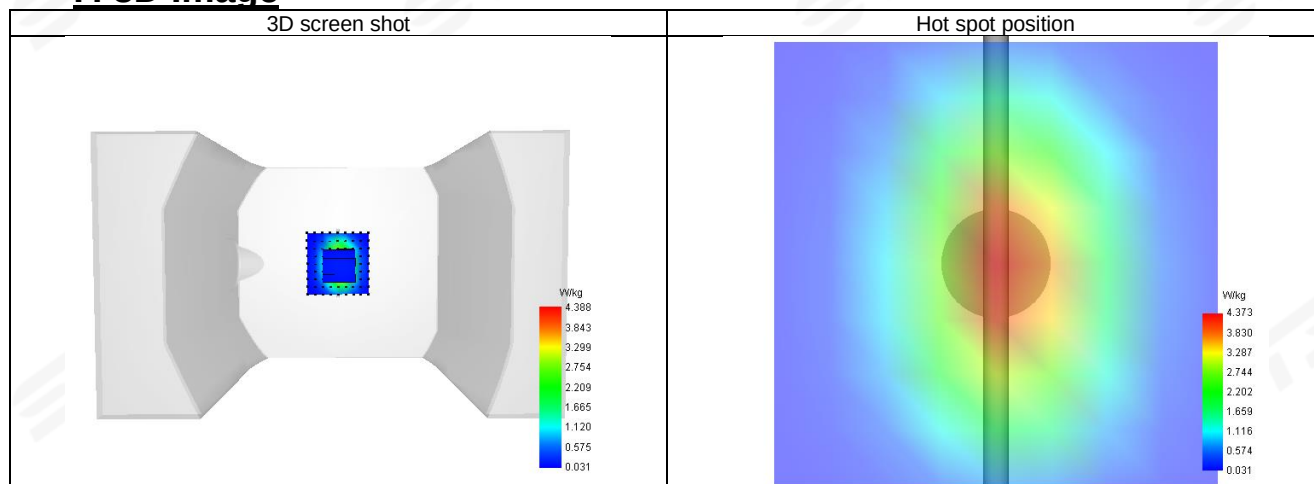
SAR 10g (W/Kg)	1.994
SAR 1g (W/Kg)	3.794
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	56.745586

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	6.852	4.388	2.490	1.466	0.888	0.524	0.310



F. 3D Image



**System Performance Check Data (1900MHz)**

Type: Phone measurement (Complete)

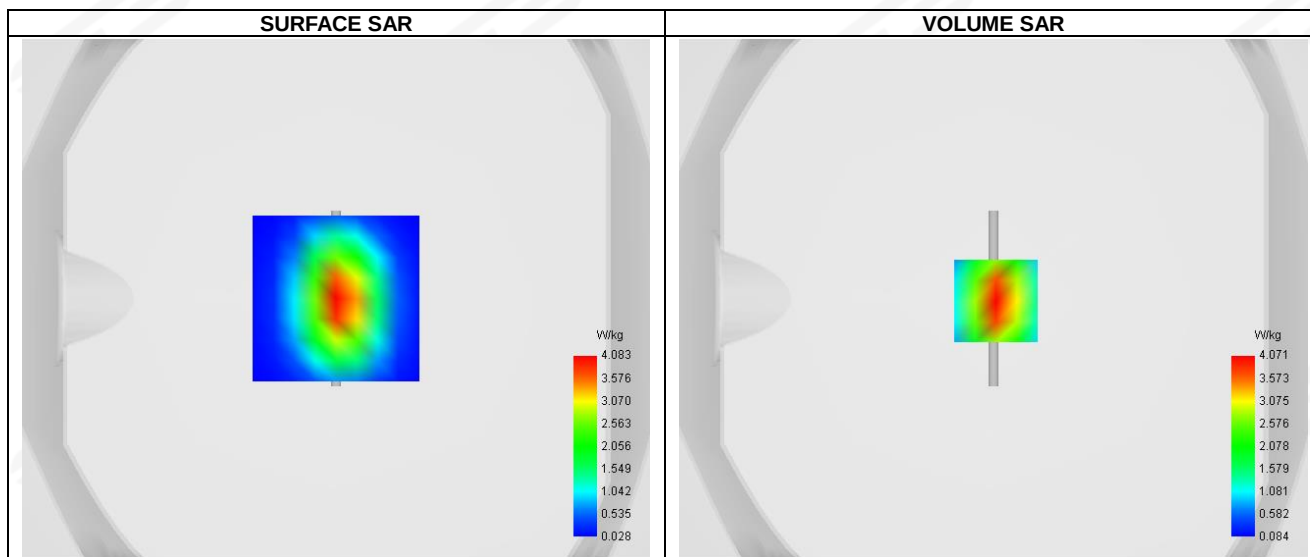
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2025-12-03

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	1900MHz
Channels	Middle
Signal	CW
Frequency (MHz)	1900MHz
Relative permittivity	40.29
Conductivity (S/m)	1.42
Probe	SN 08/21 EPGO352
ConvF	1.73
Crest factor:	1:1



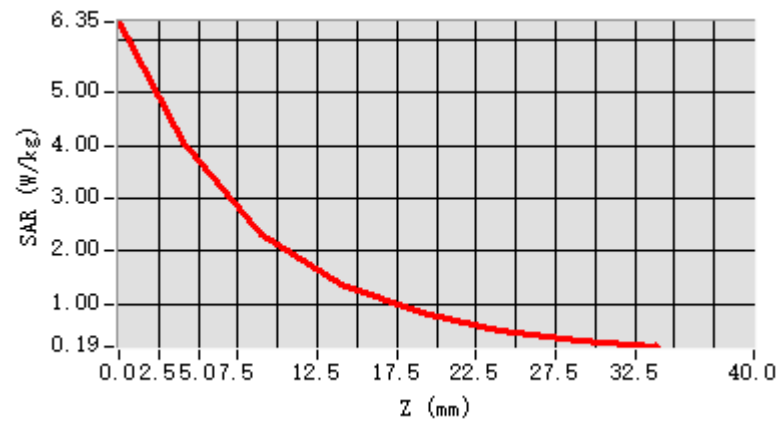
Maximum location: X=1.00, Y=-1.00 ; SAR Peak: 6.29 W/kg

D. SAR 1g & 10g

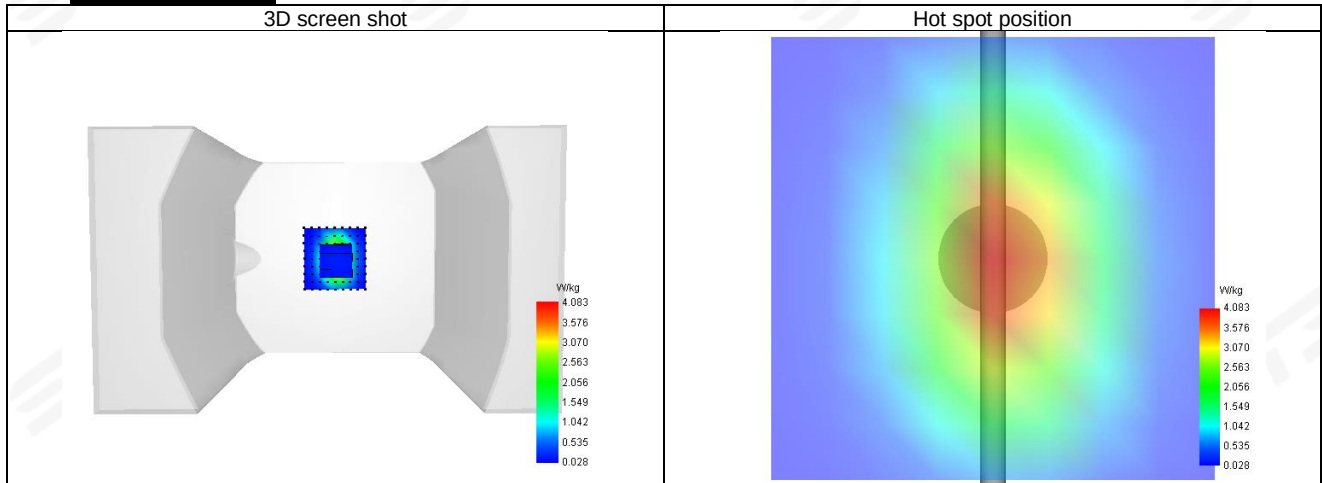
SAR 10g (W/Kg)	1.996
SAR 1g (W/Kg)	3.947
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	56.851180

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	6.346	4.071	2.315	1.367	0.827	0.489	0.289



F. 3D Image



**System Performance Check Data (2450MHz)**

Type: Phone measurement (Complete)

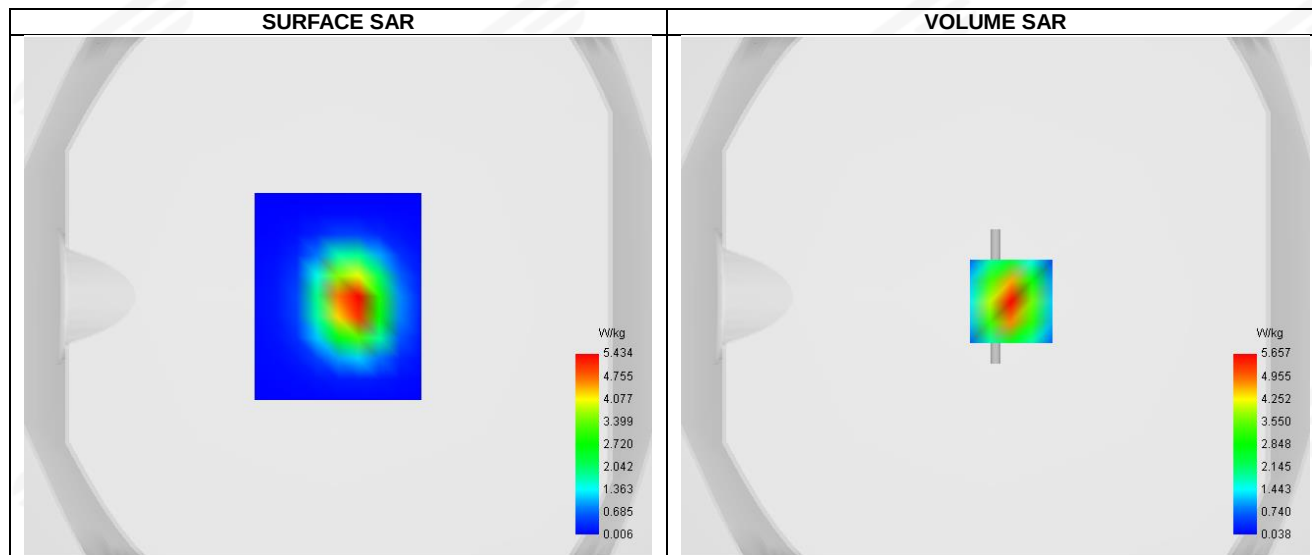
Area scan resolution: dx=8mm, dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2025-12-04

Experimental conditions.

Phantom	Validation plane
Device Position	Dipole
Band	2450MHz
Channels	Middle
Signal	CW
Frequency (MHz)	2450
Relative permittivity	39.68
Conductivity (S/m)	1.75
Probe	SN 08/21 EPG0352
ConvF	1.82
Crest factor:	1:1



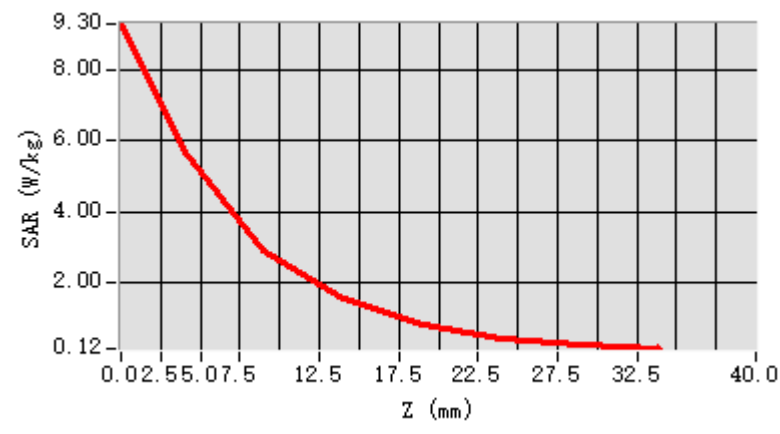
Maximum location: X=6.00, Y=-2.00 ; SAR Peak: 9.21 W/kg

D. SAR 1g & 10g

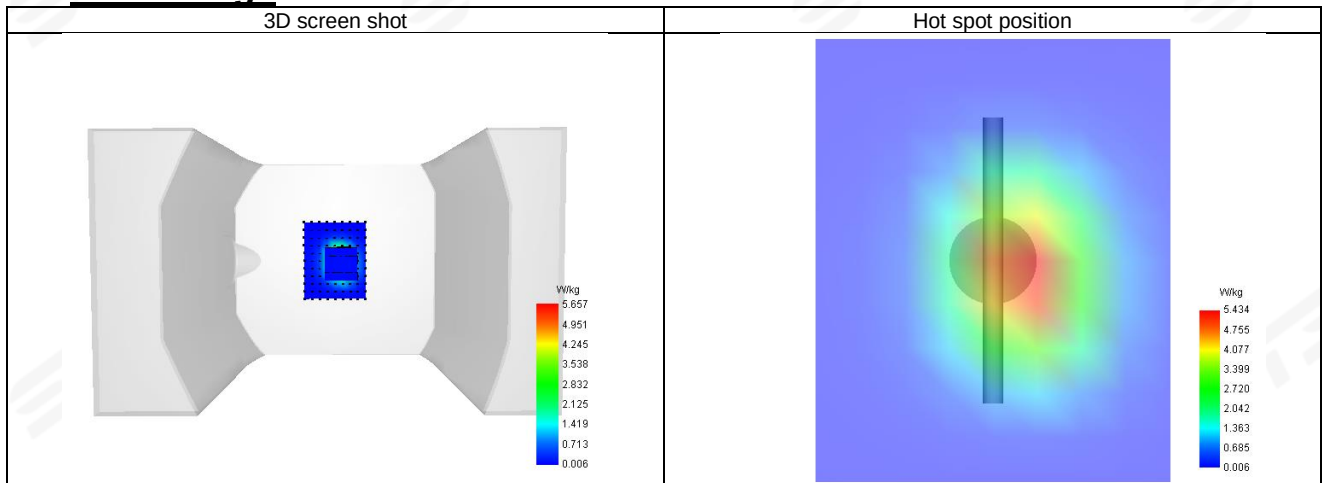
SAR 10g (W/Kg)	2.403
SAR 1g (W/Kg)	5.533
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	51.309962

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	9.300	5.657	2.903	1.529	0.795	0.423	0.226



F. 3D Image



**System Performance Check Data(2600MHz)**

Type: Phone measurement (Complete)

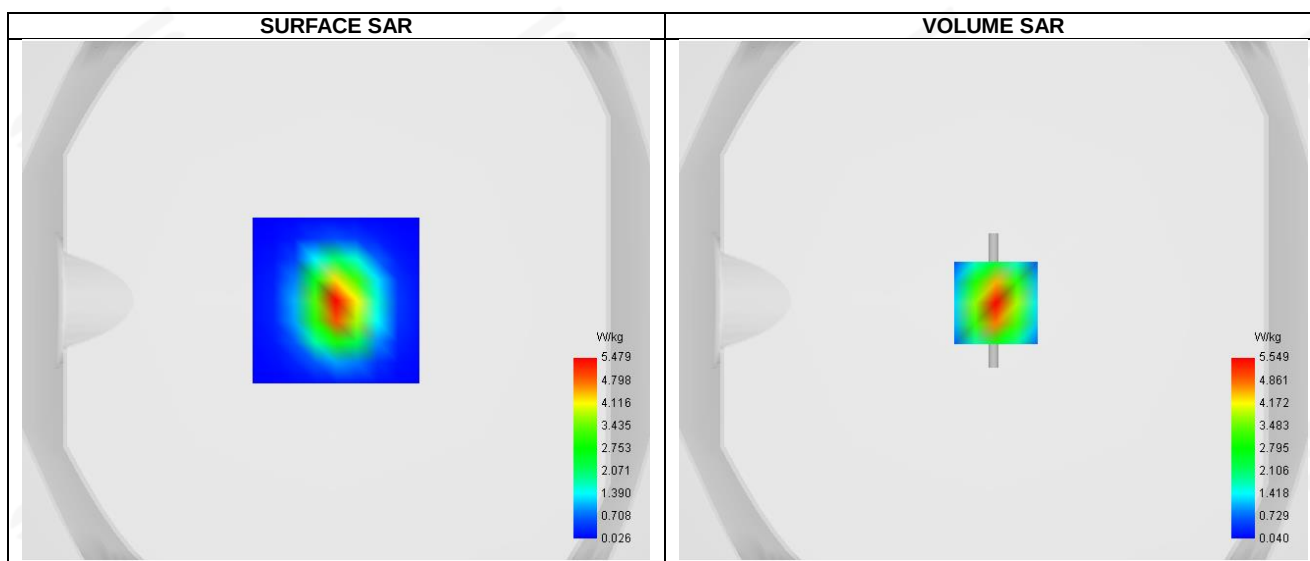
Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2025-12-04

Experimental conditions.

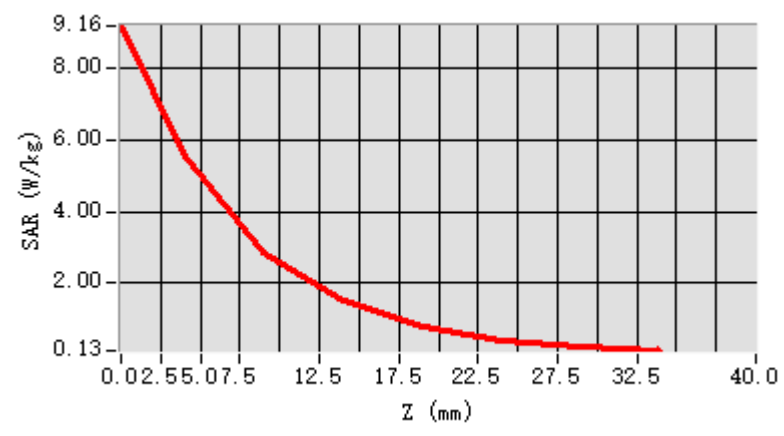
Phantom	Validation plane
Device Position	Dipole
Band	2600MHz
Channels	Middle
Signal	CW
Frequency (MHz)	2600
Relative permittivity	38.57
Conductivity (S/m)	1.98
Probe	SN 08/21 EPGO352
ConvF	1.70
Crest factor:	1:1

**D. SAR 1g & 10g**

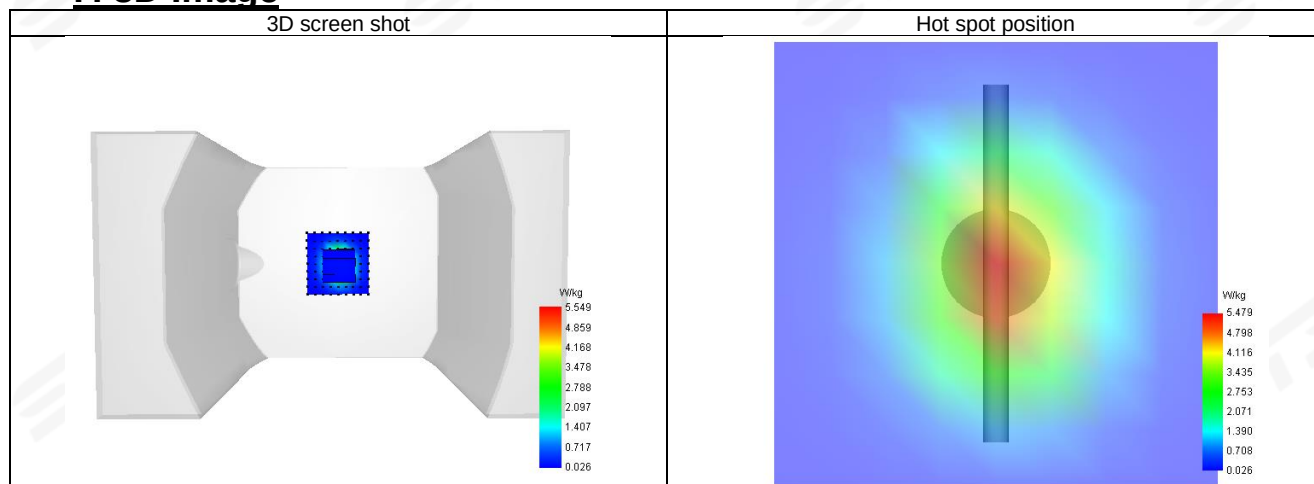
SAR 10g (W/Kg)	2.364
SAR 1g (W/Kg)	5.683
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	51.273156

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	9.159	5.549	2.845	1.534	0.810	0.428	0.226



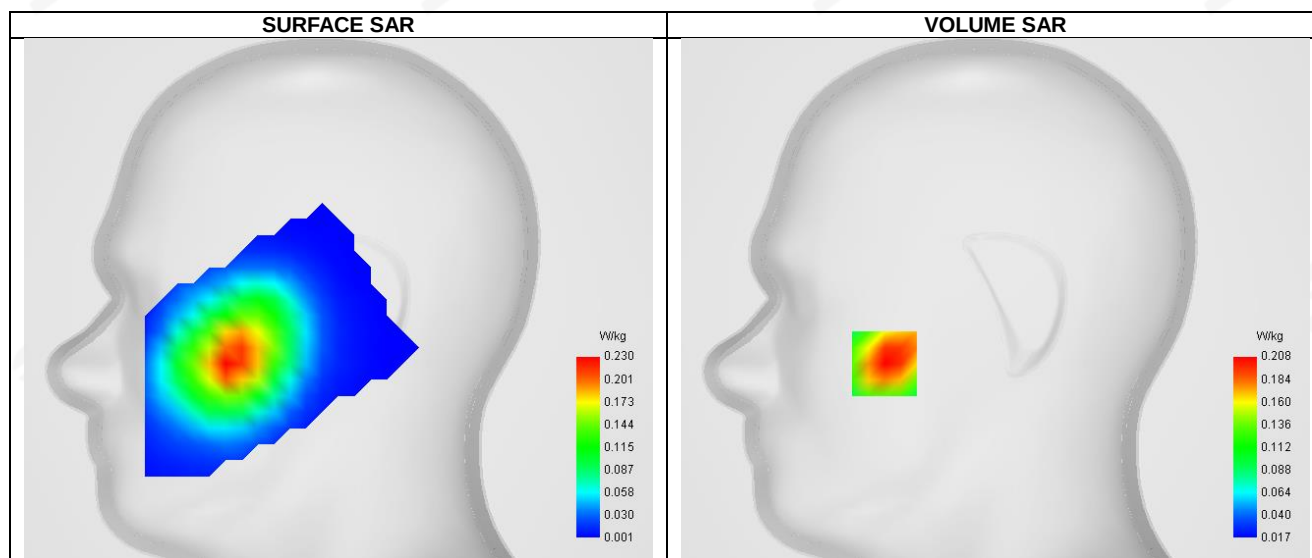
F. 3D Image



Appendix B. SAR Test Plots

Plot 1: DUT: TD-LTE digital mobile phone; EUT Model: NX1

Test Date	2025-12-01
ConvF	1.49
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right Cheek
Device Position	Cheek
Band	GPRS 850
Signal	Duty Cycle: 2.00 (Crest factor: 2.0)
Frequency (MHz)	848.8
Relative permittivity (real part)	41.70
Conductivity (S/m)	0.92



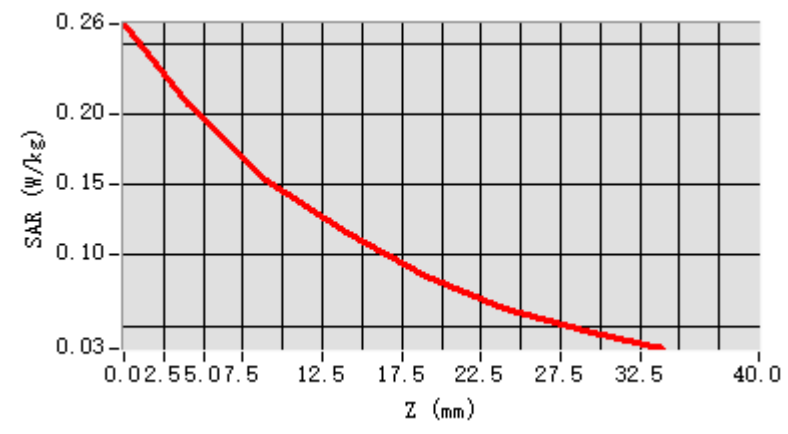
Maximum location: X=-55.00, Y=-32.00 ; SAR Peak: 0.27 W/kg

D. SAR 1g & 10g

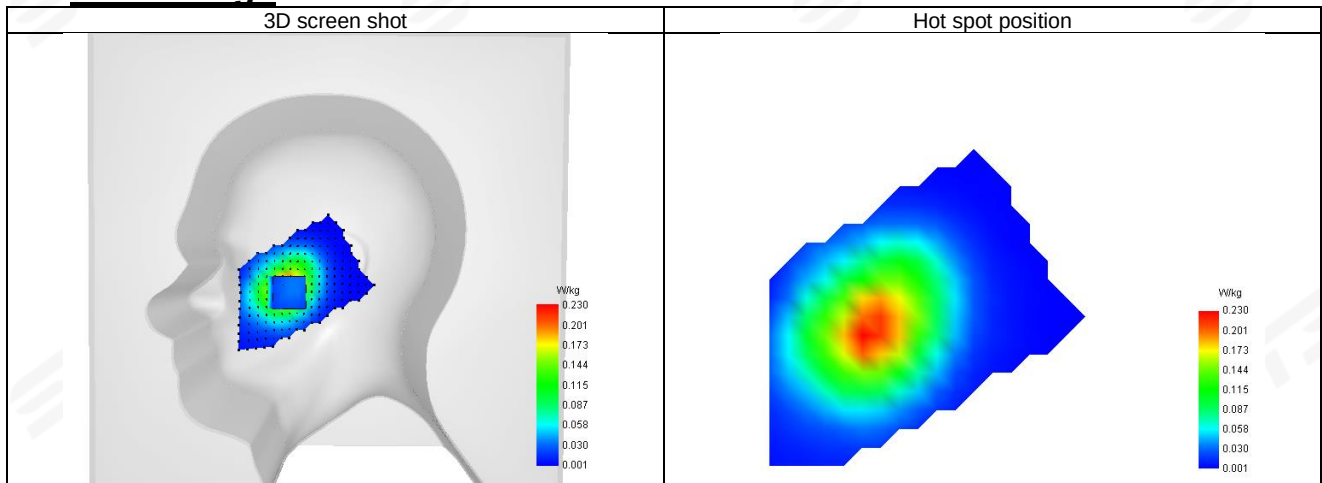
SAR 10g (W/Kg)	0.136
SAR 1g (W/Kg)	0.199
Horizontal validation criteria: minimum distance (mm)	22.627417
Vertical validation criteria: SAR ratio M2/M1 (%)	73.698985

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.264	0.208	0.153	0.116	0.085	0.063	0.046

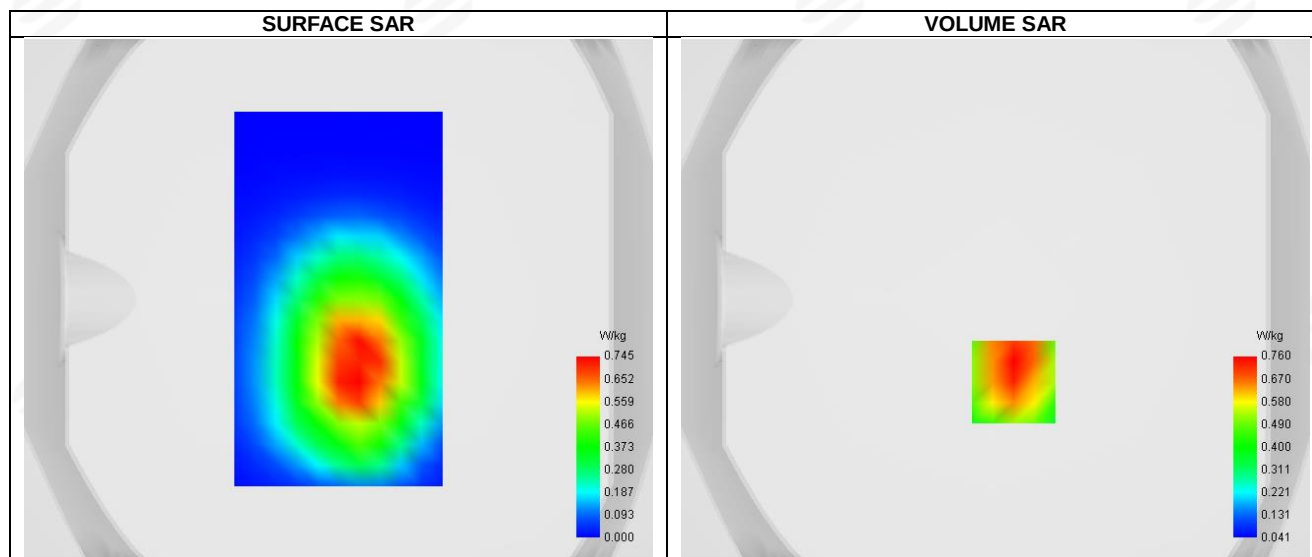


F. 3D Image



**Plot 2: DUT: TD-LTE digital mobile phone; EUT Model: NX1**

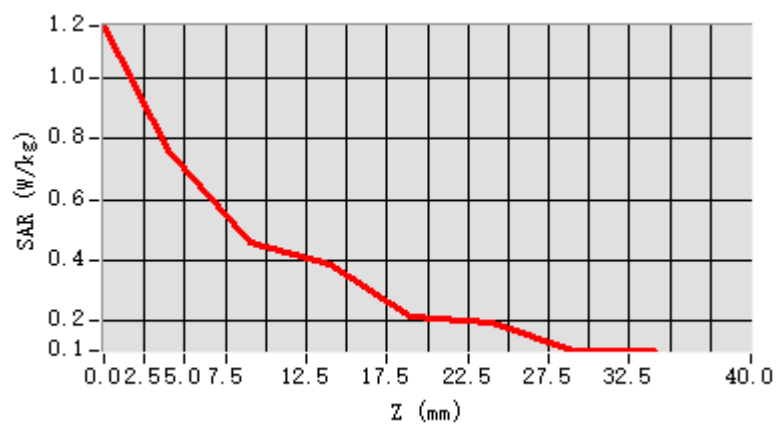
Test Date	2025-12-01
ConvF	1.49
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	GPRS 850
Signal	Duty Cycle: 2.00 (Crest factor: 2.0)
Frequency (MHz)	848.8
Relative permittivity (real part)	41.70
Conductivity (S/m)	0.92

**D. SAR 1g & 10g**

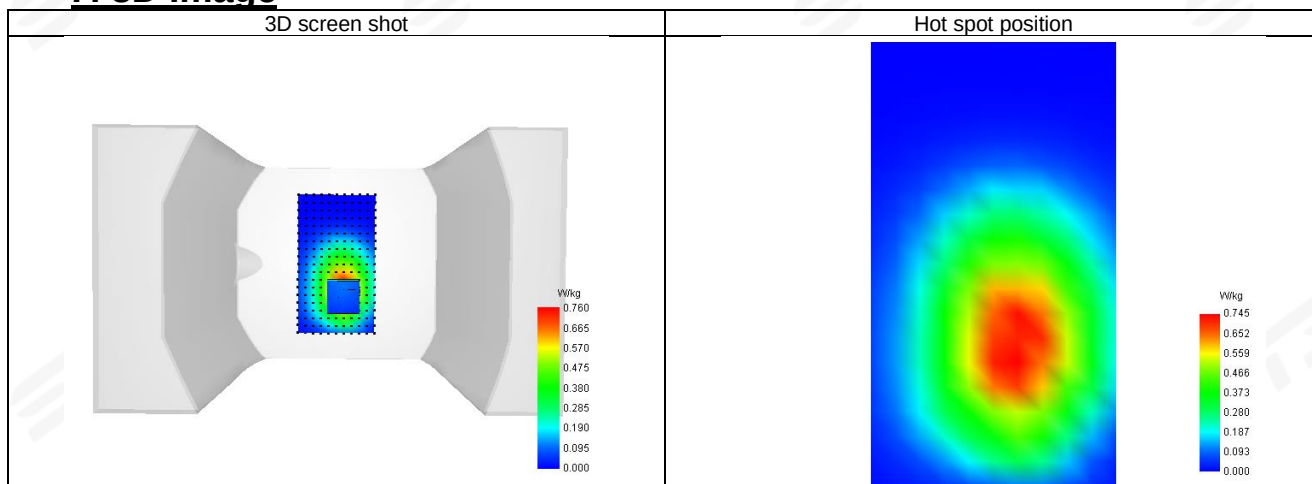
SAR 10g (W/Kg)	0.458
SAR 1g (W/Kg)	0.713
Horizontal validation criteria: minimum distance (mm)	28.844410
Vertical validation criteria: SAR ratio M2/M1 (%)	68.283275

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.172	0.760	0.458	0.385	0.216	0.196	0.103

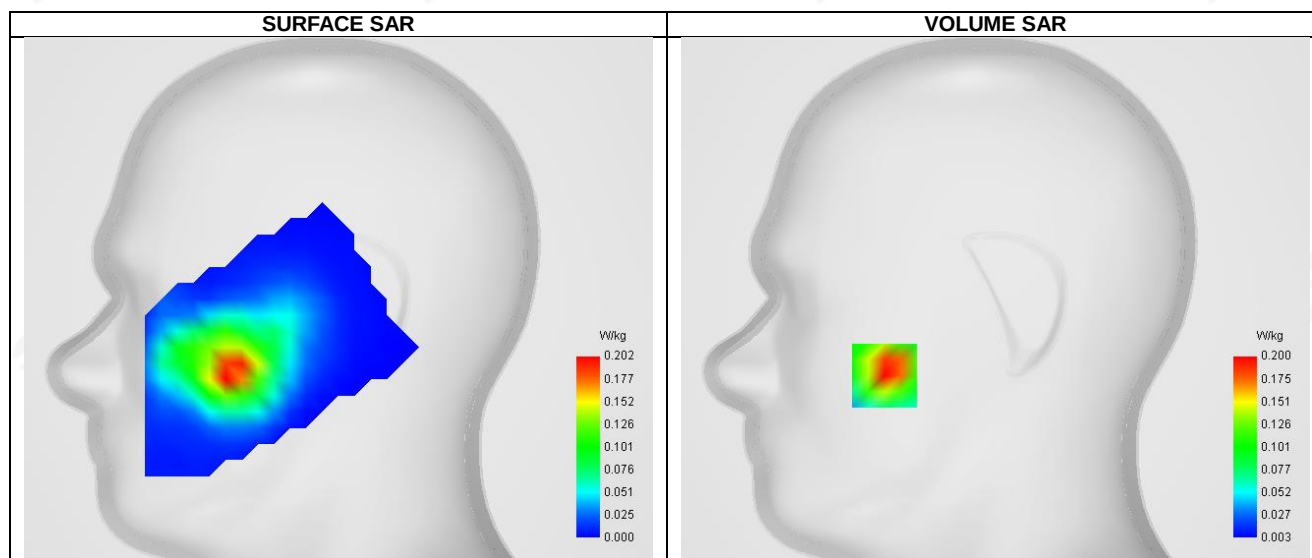


F. 3D Image



Plot 3: DUT: TD-LTE digital mobile phone; EUT Model: NX1

Test Date	2025-12-03
ConvF	1.73
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right head
Device Position	Cheek
Band	GPRS 1900
Signal	Duty Cycle: 2.00 (Crest factor: 2.0)
Frequency (MHz)	1850.2
Relative permittivity (real part)	40.54
Conductivity (S/m)	1.39



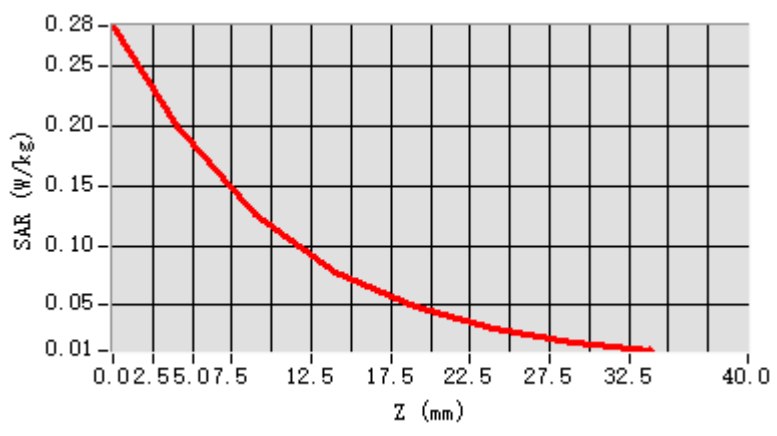
Maximum location: X=-55.00, Y=-38.00 ; SAR Peak: 0.31 W/kg

D. SAR 1g & 10g

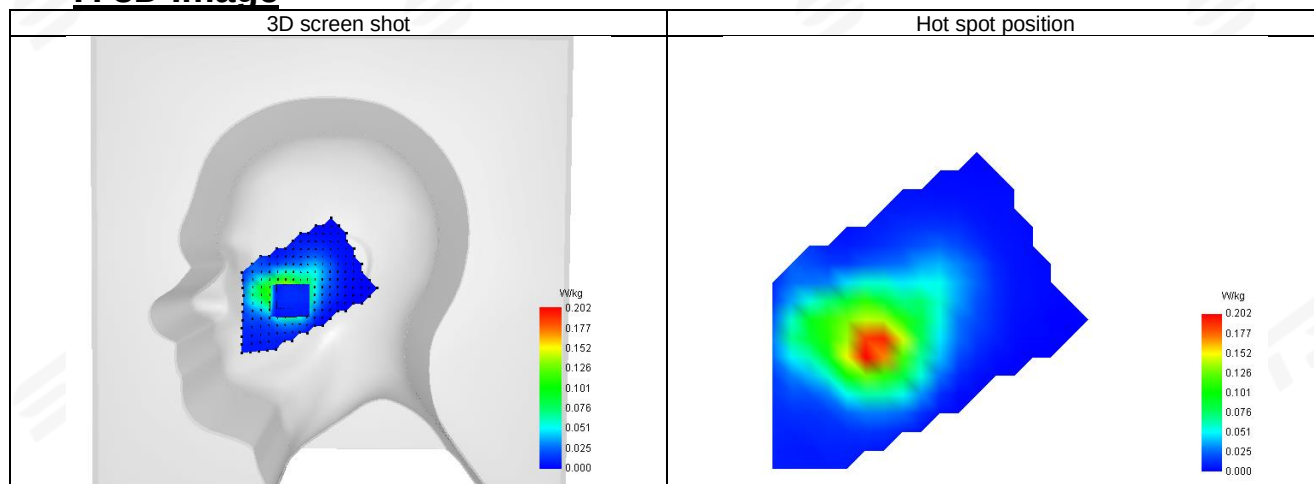
SAR 10g (W/Kg)	0.106
SAR 1g (W/Kg)	0.193
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	63.471459

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.284	0.200	0.127	0.078	0.049	0.031	0.019

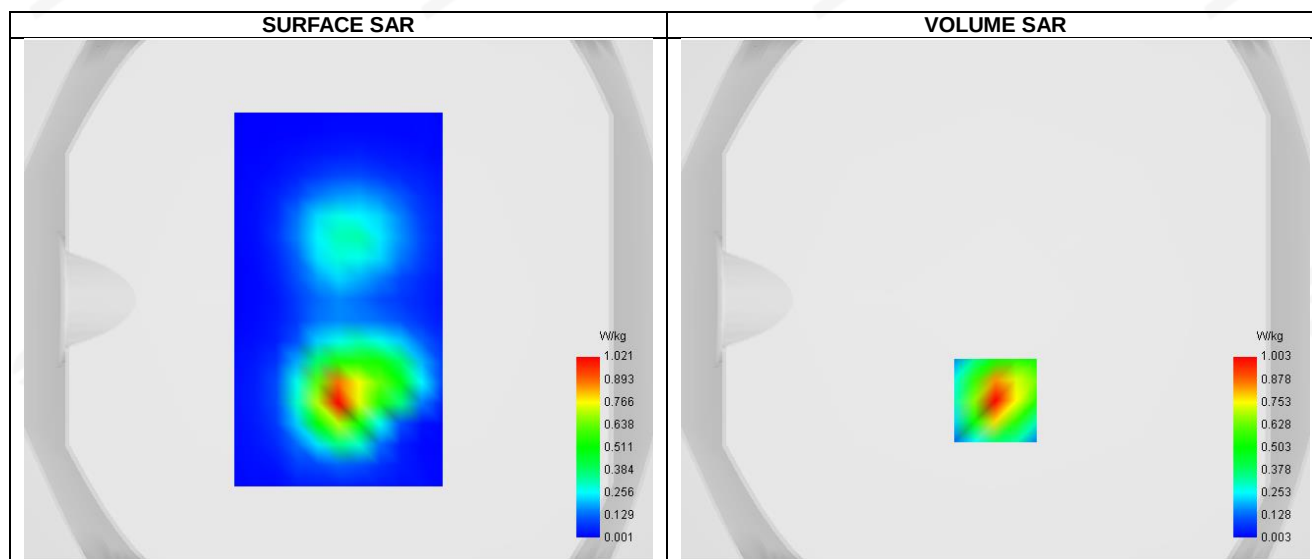


F. 3D Image



Plot 4: DUT: TD-LTE digital mobile phone; EUT Model: NX1

Test Date	2025-12-03
ConvF	1.73
Probe	SN 08/21 EPG0352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	GPRS 1900
Signal	Duty Cycle: 2.00 (Crest factor: 2.0)
Frequency (MHz)	1850.2
Relative permittivity (real part)	40.54
Conductivity (S/m)	1.39



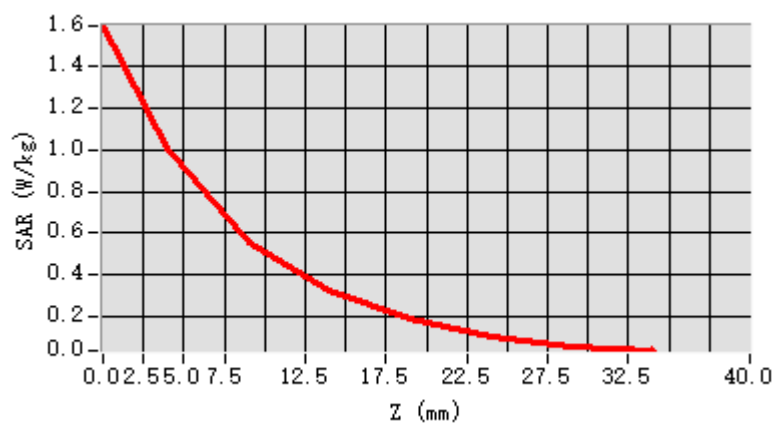
Maximum location: X=0.00, Y=-39.00 ; SAR Peak: 1.57 W/kg

D. SAR 1g & 10g

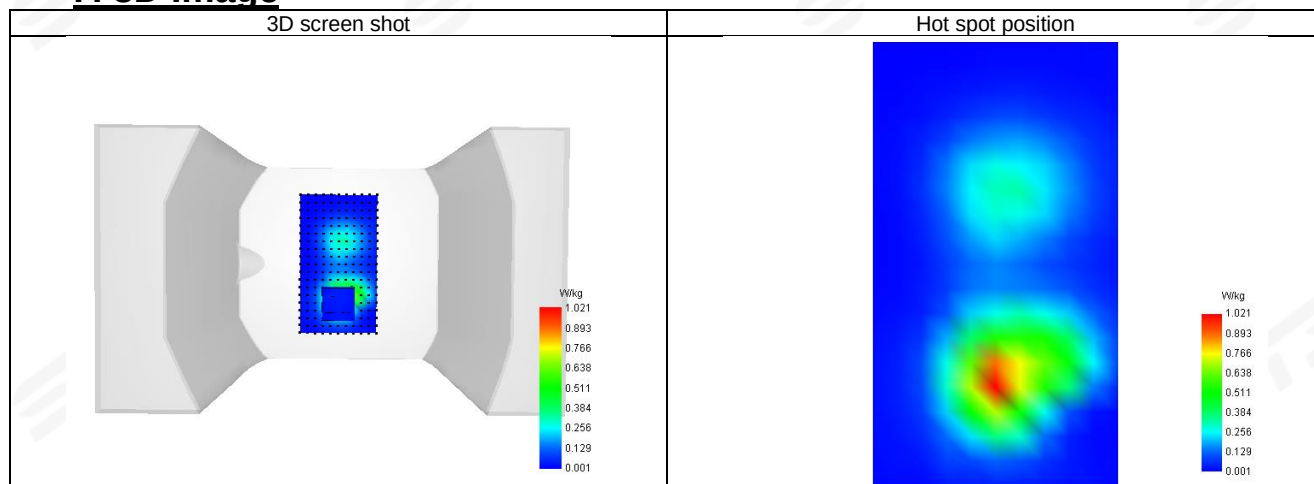
SAR 10g (W/Kg)	0.454
SAR 1g (W/Kg)	0.917
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	54.987700

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.592	1.003	0.551	0.326	0.187	0.108	0.062

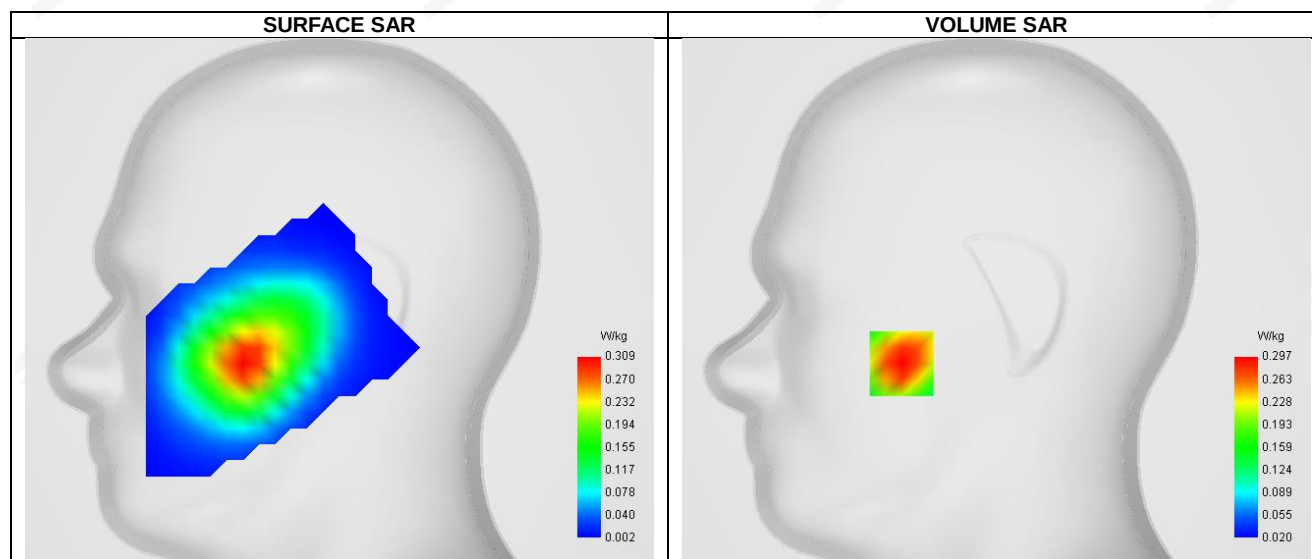


F. 3D Image



Plot 5: DUT: TD-LTE digital mobile phone; EUT Model: NX1

Test Date	2025-12-03
ConvF	1.73
Probe	SN 08/21 EPG0352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right head
Device Position	Cheek
Band	WCDMA 2
Signal	WCDMA (Crest factor: 1.0)
Frequency (MHz)	1907.6
Relative permittivity (real part)	40.89
Conductivity (S/m)	1.42



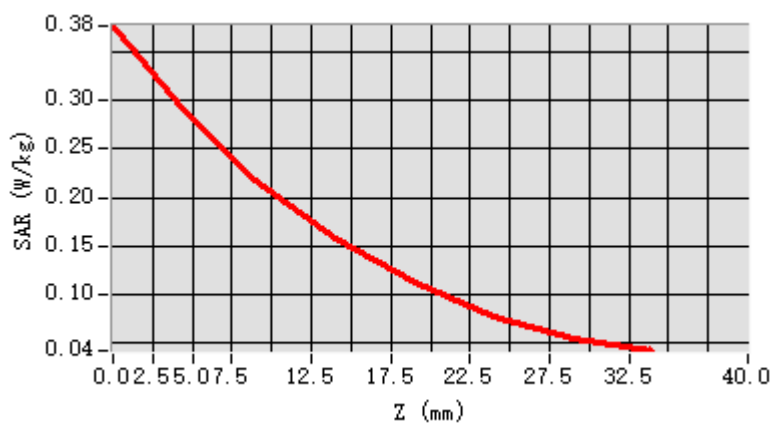
Maximum location: X=-47.00, Y=-32.00 ; SAR Peak: 0.38 W/kg

D. SAR 1g & 10g

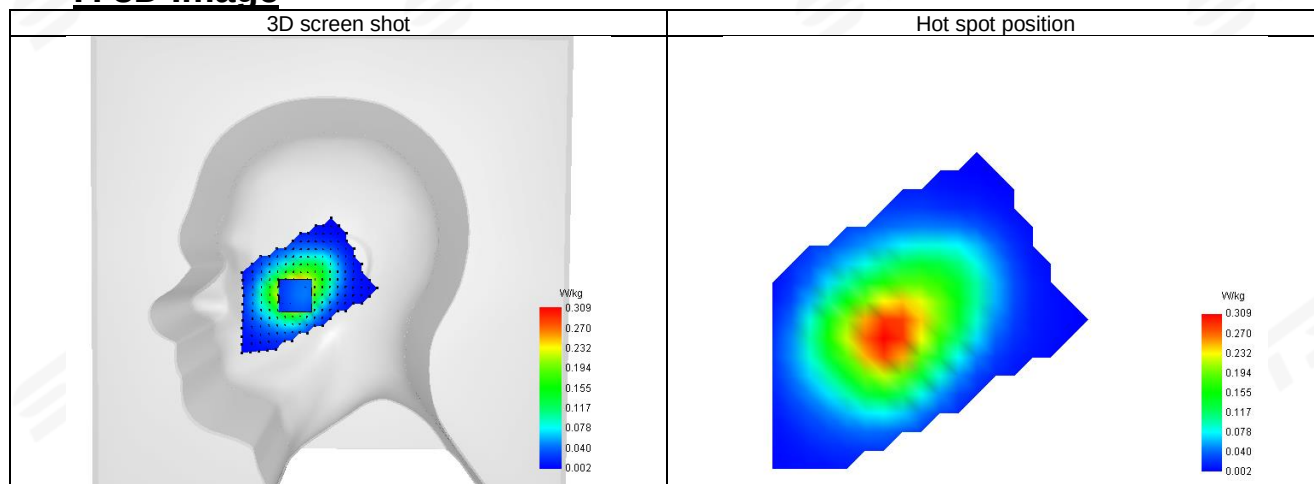
SAR 10g (W/Kg)	0.191
SAR 1g (W/Kg)	0.285
Horizontal validation criteria: minimum distance (mm)	22.627417
Vertical validation criteria: SAR ratio M2/M1 (%)	73.449163

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.377	0.297	0.218	0.157	0.112	0.078	0.056

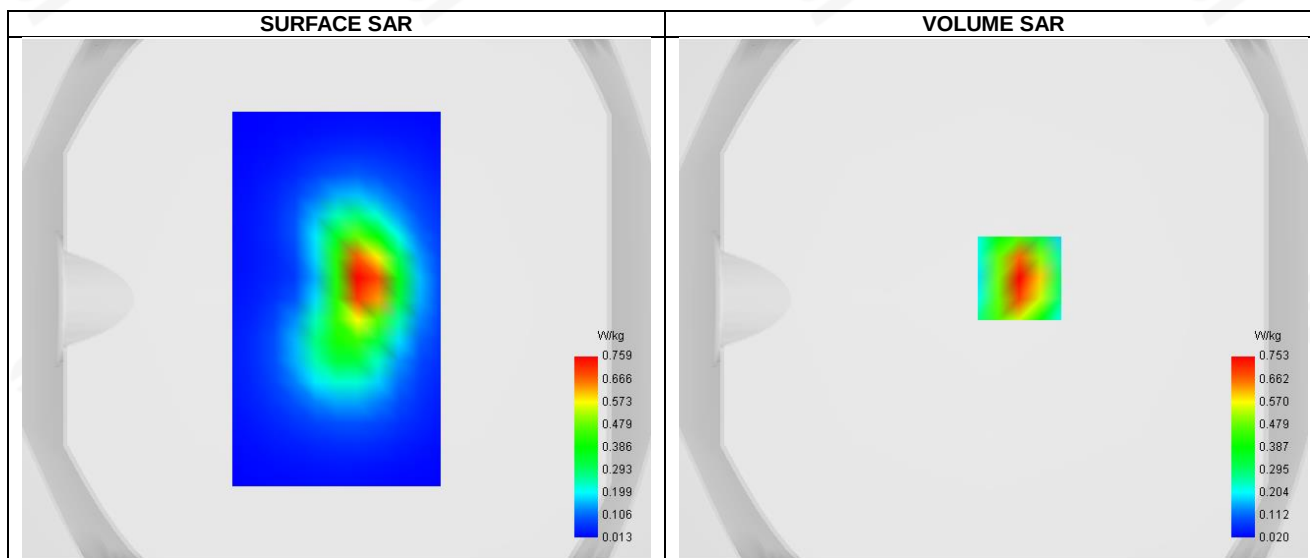


F. 3D Image



Plot 6: DUT: TD-LTE digital mobile phone; EUT Model: NX1

Test Date	2025-12-03
ConvF	1.73
Probe	SN 08/21 EPG0352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	WCDMA 2
Signal	WCDMA (Crest factor: 1.0)
Frequency (MHz)	1907.6
Relative permittivity (real part)	40.89
Conductivity (S/m)	1.42



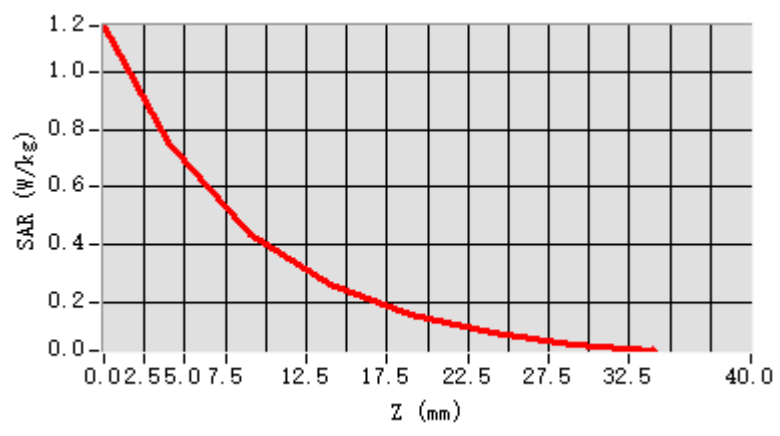
Maximum location: X=10.00, Y=8.00 ; SAR Peak: 1.15 W/kg

D. SAR 1g & 10g

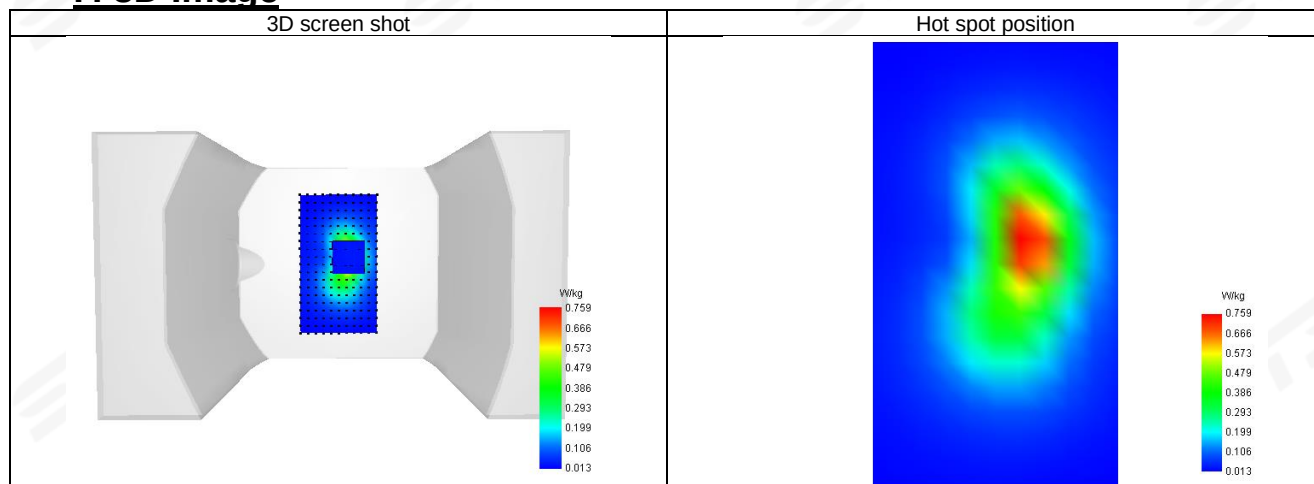
SAR 10g (W/Kg)	0.374
SAR 1g (W/Kg)	0.733
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	57.859156

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.157	0.753	0.436	0.268	0.161	0.096	0.058

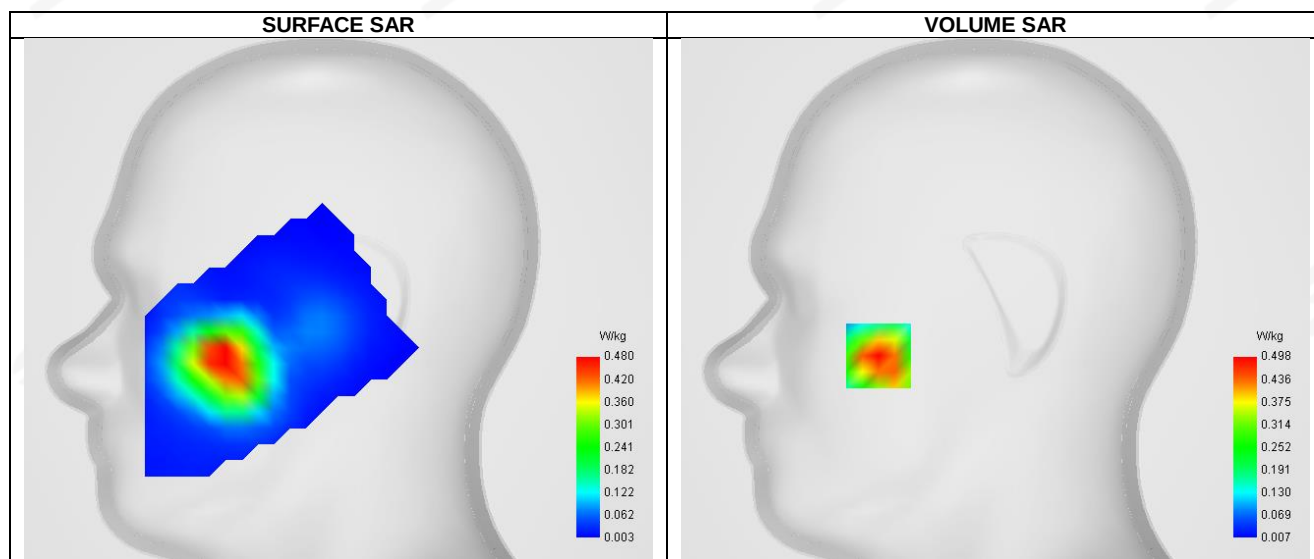


F. 3D Image



Plot 7: DUT: TD-LTE digital mobile phone; EUT Model: NX1

Test Date	2025-12-01
ConvF	1.49
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right head
Device Position	Cheek
Band	WCDMA V
Signal	WCDMA (Crest factor: 1.0)
Frequency (MHz)	846.6
Relative permittivity (real part)	41.81
Conductivity (S/m)	0.92



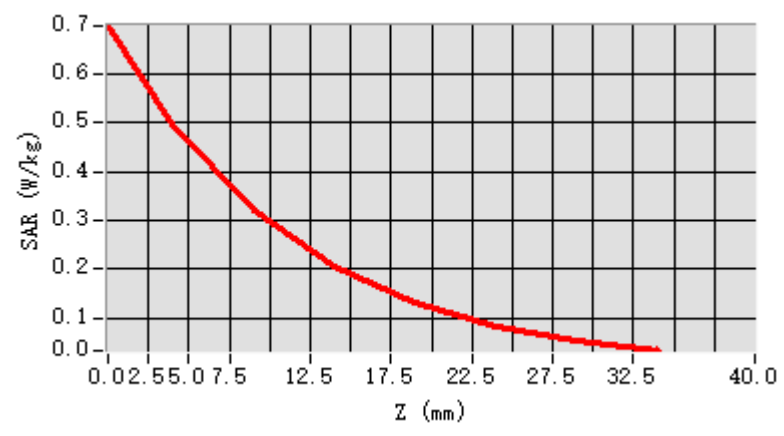
Maximum location: X=-58.00, Y=-28.00 ; SAR Peak: 0.70 W/kg

D. SAR 1g & 10g

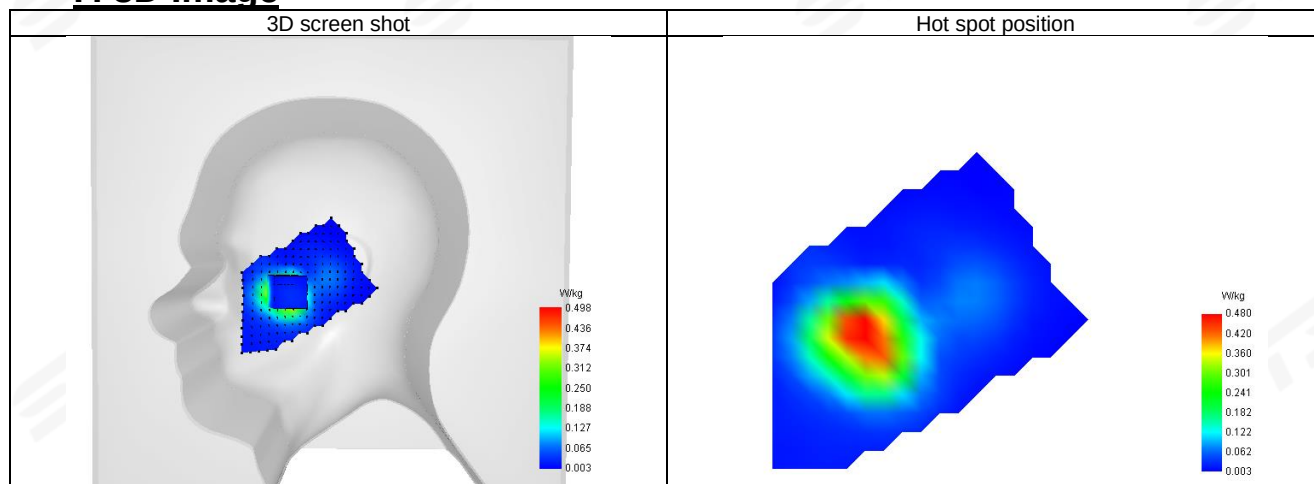
SAR 10g (W/Kg)	0.270
SAR 1g (W/Kg)	0.467
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	64.389962

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.698	0.498	0.320	0.205	0.130	0.083	0.053

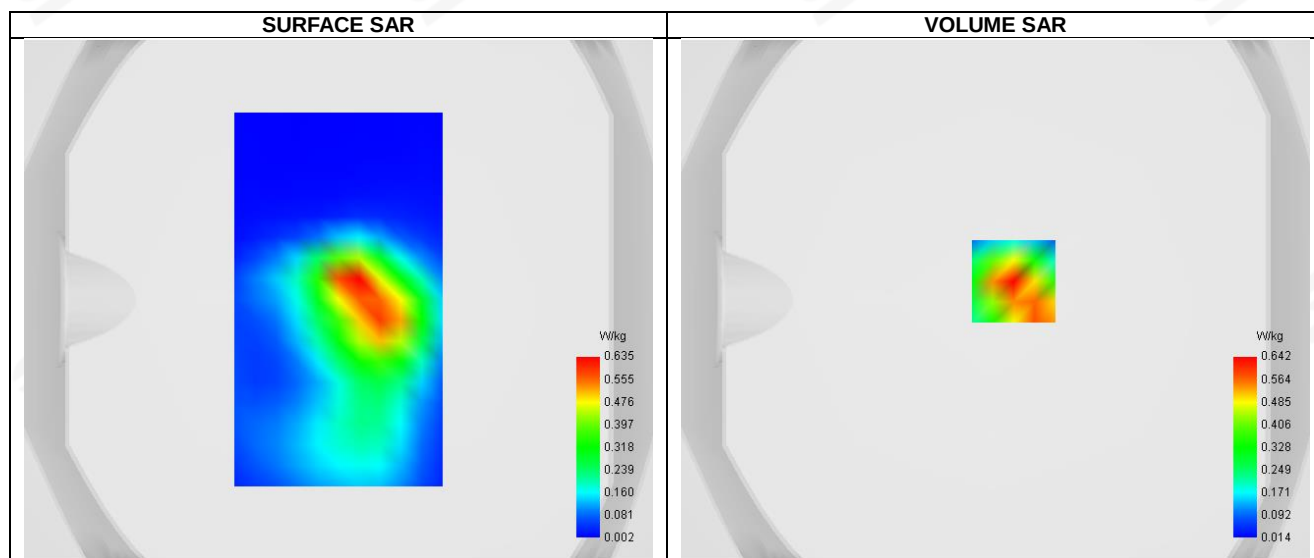


F. 3D Image



Plot 8: DUT: TD-LTE digital mobile phone; EUT Model: NX1

Test Date	2025-12-01
ConvF	1.49
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	WCDMA 5
Signal	WCDMA (Crest factor: 1.0)
Frequency (MHz)	846.6
Relative permittivity (real part)	41.81
Conductivity (S/m)	0.92



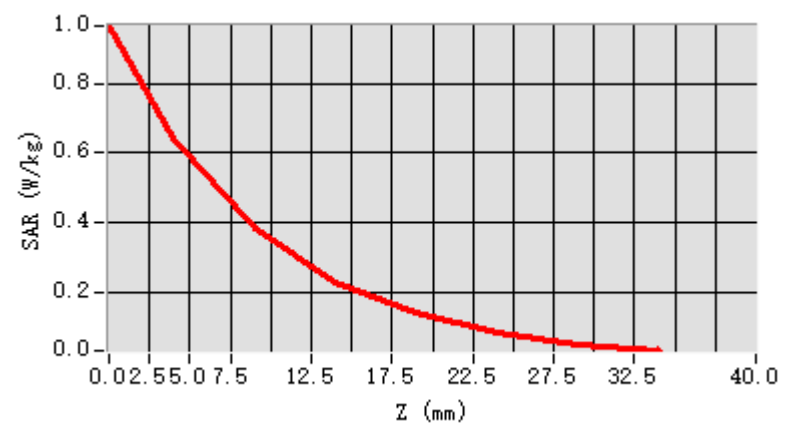
Maximum location: X=7.00, Y=7.00 ; SAR Peak: 0.97 W/kg

D. SAR 1g & 10g

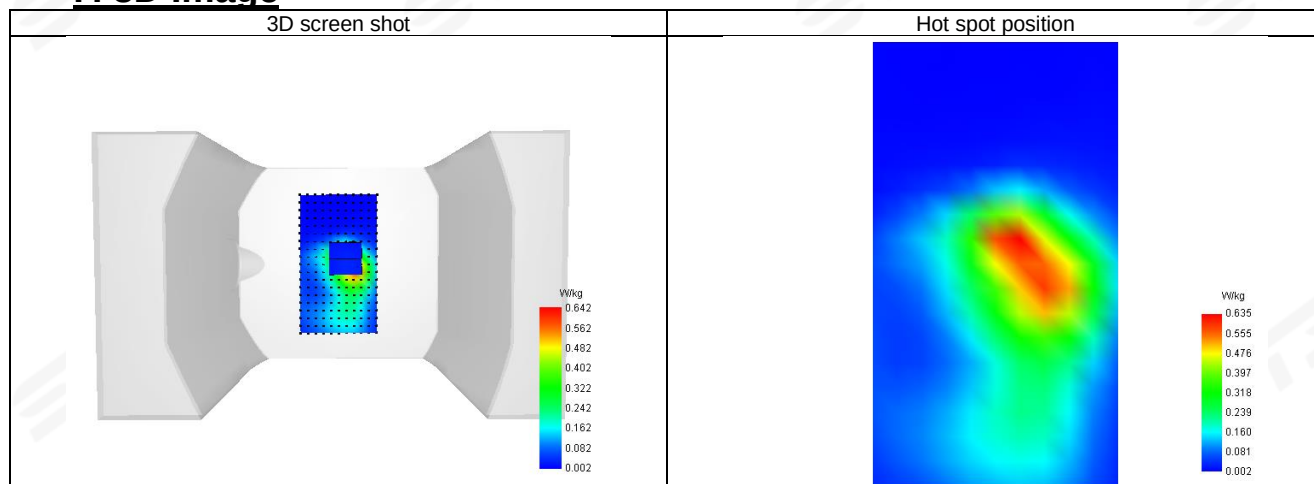
SAR 10g (W/Kg)	0.317
SAR 1g (W/Kg)	0.622
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	59.402802

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.965	0.642	0.381	0.229	0.140	0.085	0.051

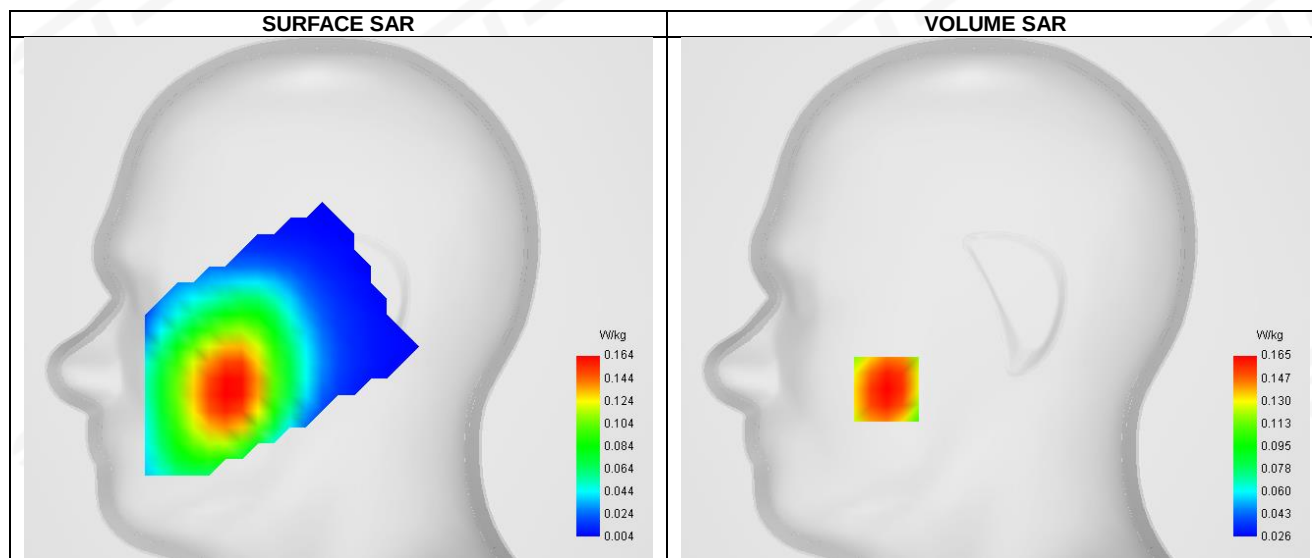


F. 3D Image



Plot 9: DUT: TD-LTE digital mobile phone; EUT Model: NX1

Test Date	2025-12-04
	1.82
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right Cheek
Device Position	Cheek
Band	2.4G WLAN
Signal	IEEE802.b (Crest factor: 1.0)
Frequency (MHz)	2462
Relative permittivity (real part)	39.58
Conductivity (S/m)	1.81



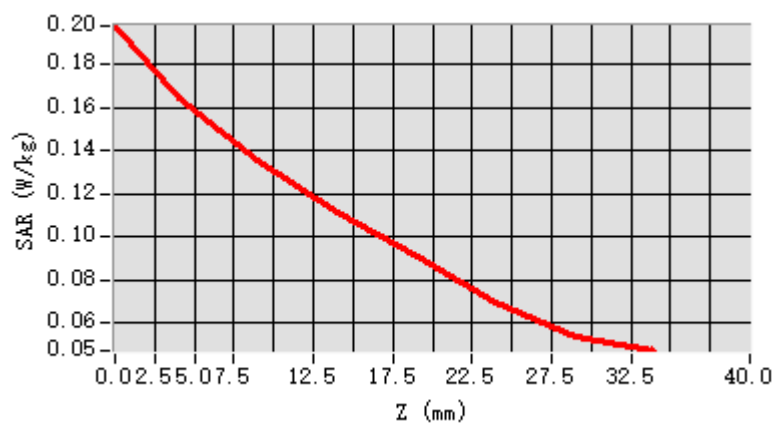
Maximum location: X=-54.00, Y=-45.00 ; SAR Peak: 0.20 W/kg

D. SAR 1g & 10g

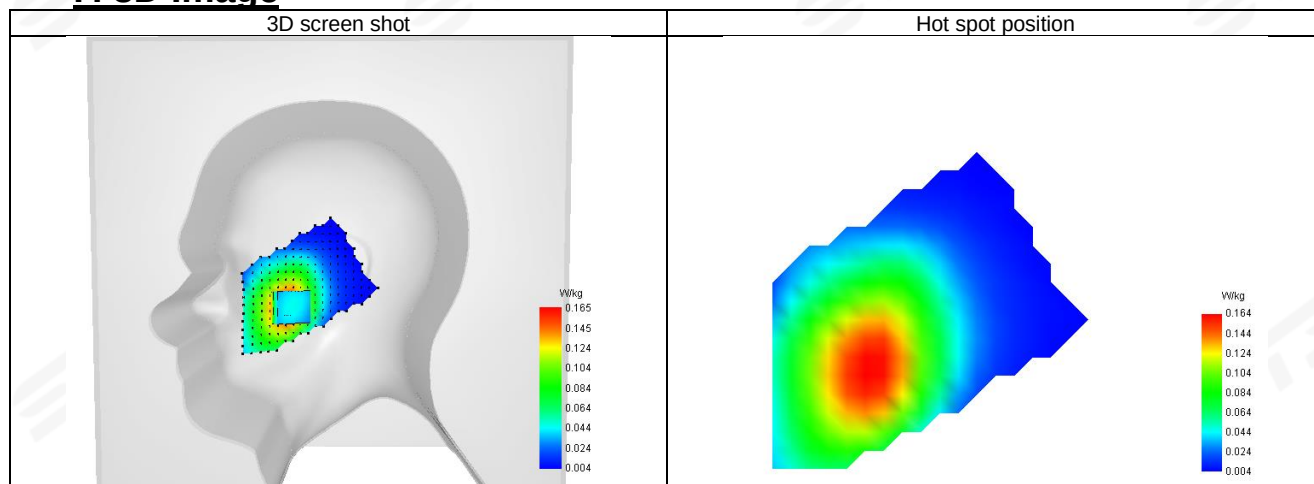
SAR 10g (W/Kg)	0.123
SAR 1g (W/Kg)	0.162
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	72.666541

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.198	0.165	0.135	0.111	0.091	0.069	0.053

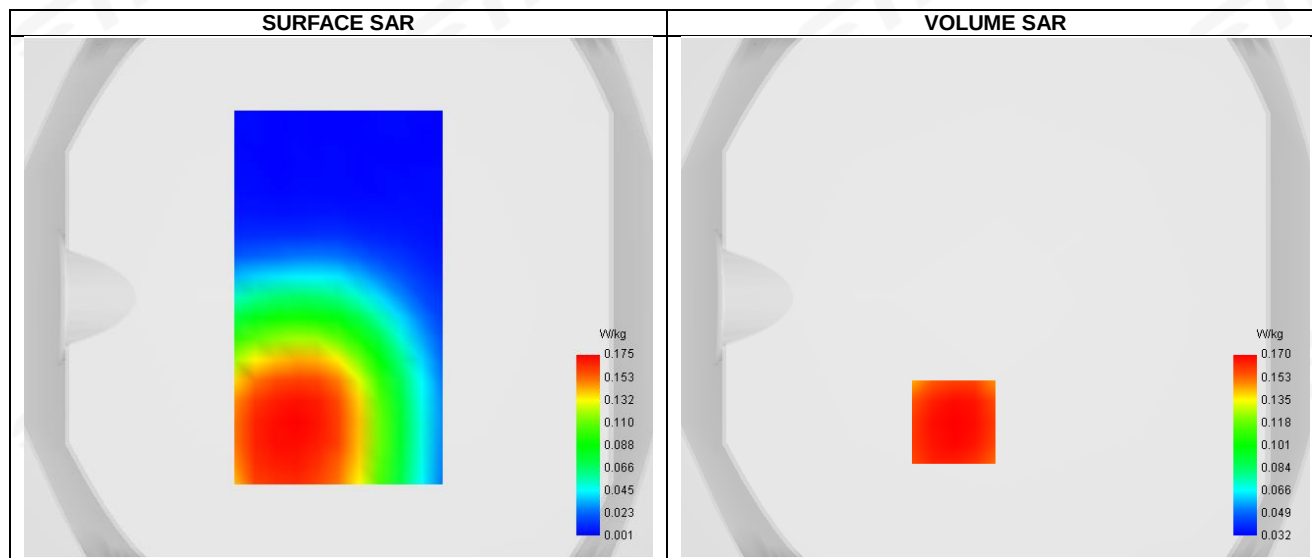


F. 3D Image



**Plot 10: DUT: TD-LTE digital mobile phone; EUT Model: NX1**

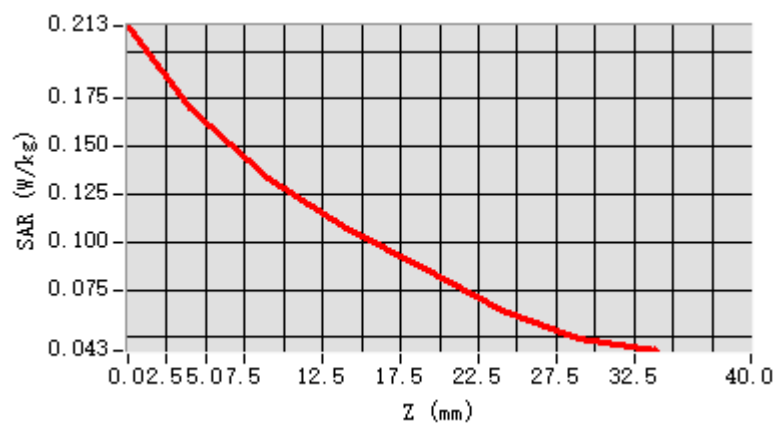
Test Date	2025-12-04
ConvF	1.82
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	2.4GHz WLAN
Signal	IEEE802.b (Crest factor: 1.0)
Frequency (MHz)	2462
Relative permittivity (real part)	39.58
Conductivity (S/m)	1.81

**D. SAR 1g & 10g**

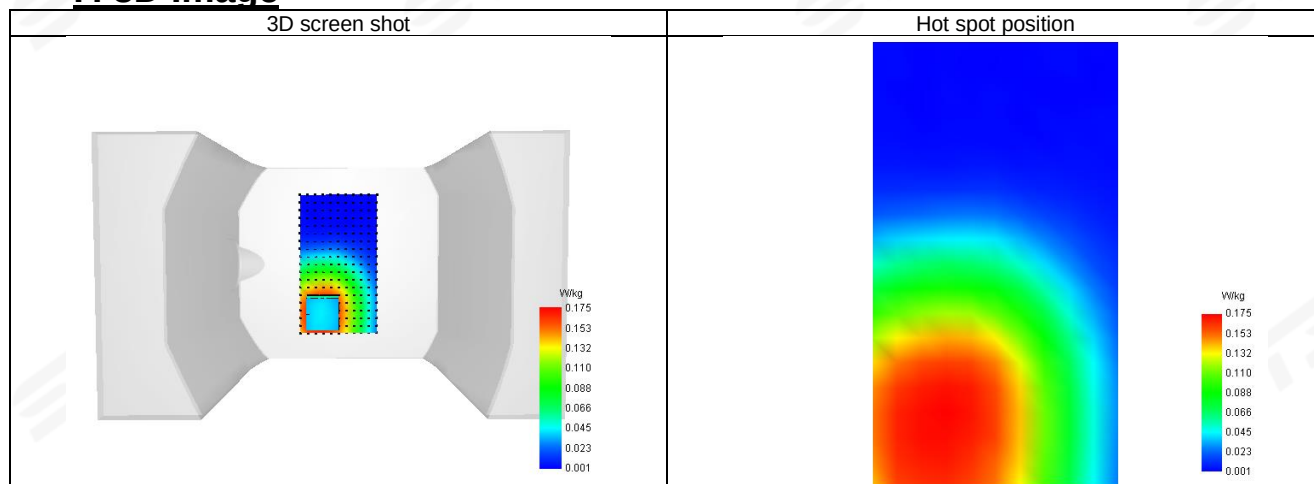
SAR 10g (W/Kg)	0.127
SAR 1g (W/Kg)	0.168
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	78.966549

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.213	0.170	0.134	0.107	0.086	0.064	0.049

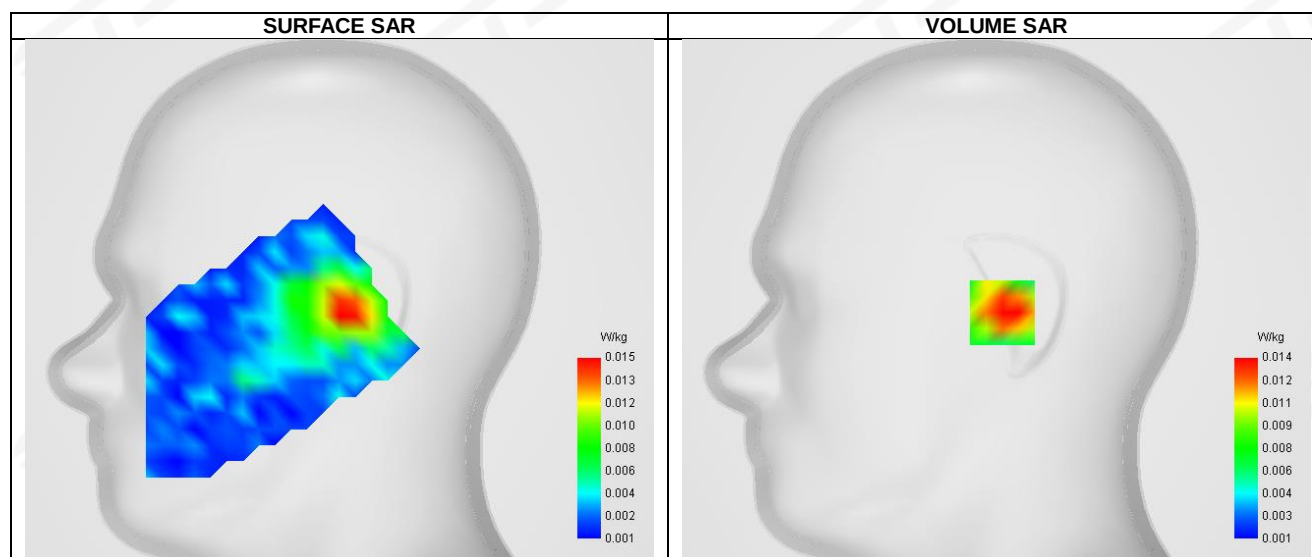


F. 3D Image



Plot 11: DUT: TD-LTE digital mobile phone; EUT Model: NX1

Test Date	2025-12-04
	1.82
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right Cheek
Device Position	Cheek
Band	BT
Signal	GFSK
Frequency (MHz)	2480
Relative permittivity (real part)	39.72
Conductivity (S/m)	1.85



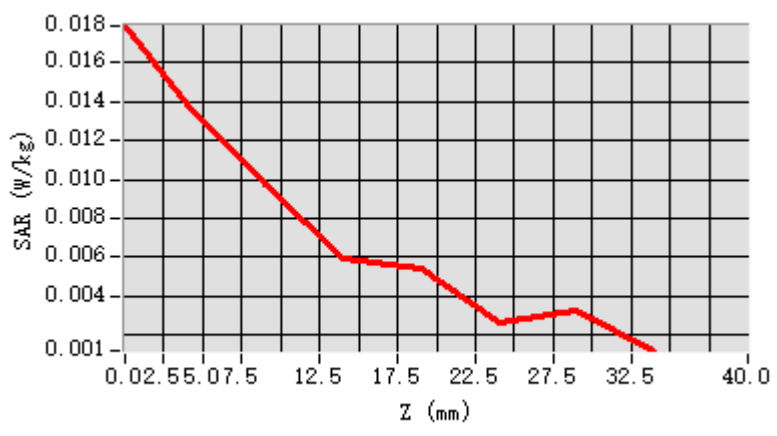
Maximum location: X=3.00, Y=-6.00 ; SAR Peak: 0.02 W/kg

D. SAR 1g & 10g

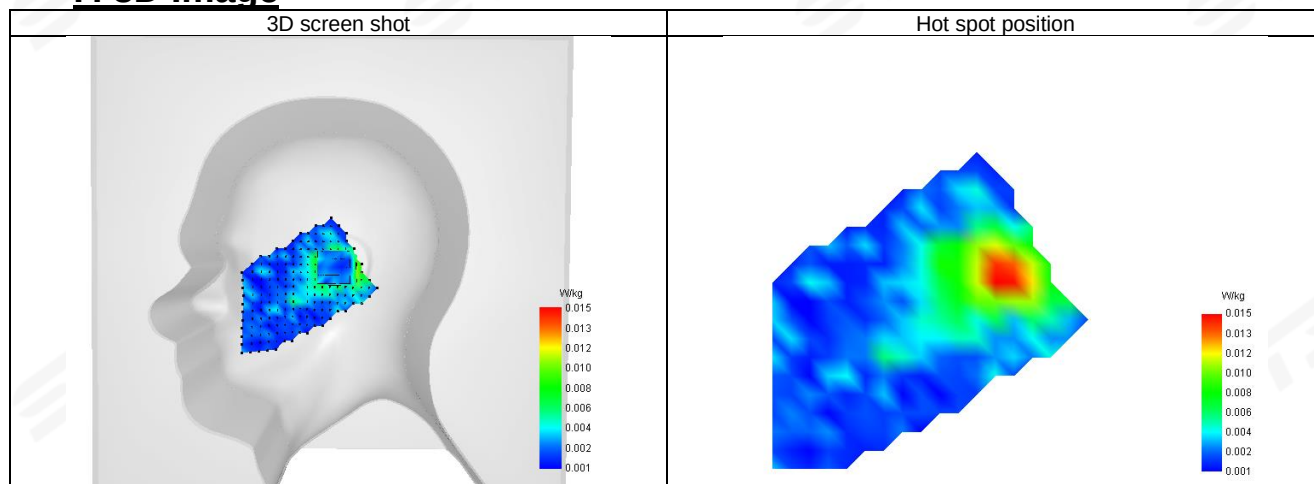
SAR 10g (W/Kg)	0.009
SAR 1g (W/Kg)	0.014
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	76.456913

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.018	0.014	0.010	0.006	0.005	0.003	0.003

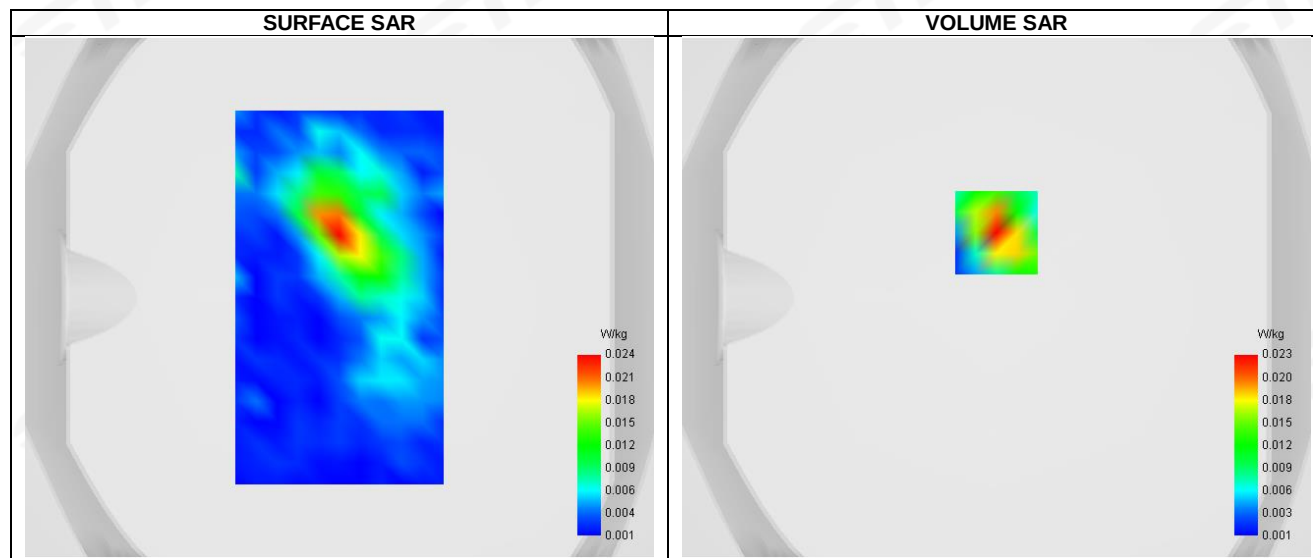


F. 3D Image



**Plot 12: DUT: TD-LTE digital mobile phone; EUT Model: NX1**

Test Date	2025-12-04
ConvF	1.82
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	BT
Signal	GFSK
Frequency (MHz)	2480
Relative permittivity (real part)	39.72
Conductivity (S/m)	1.85



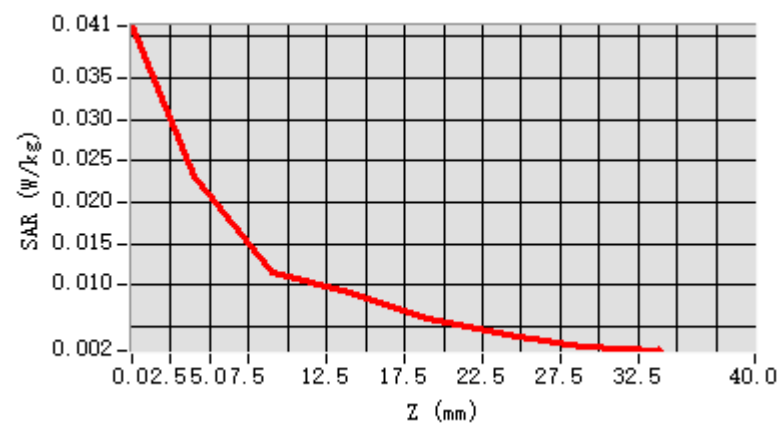
Maximum location: X=0.00, Y=25.00 ; SAR Peak: 0.04 W/kg

D. SAR 1g & 10g

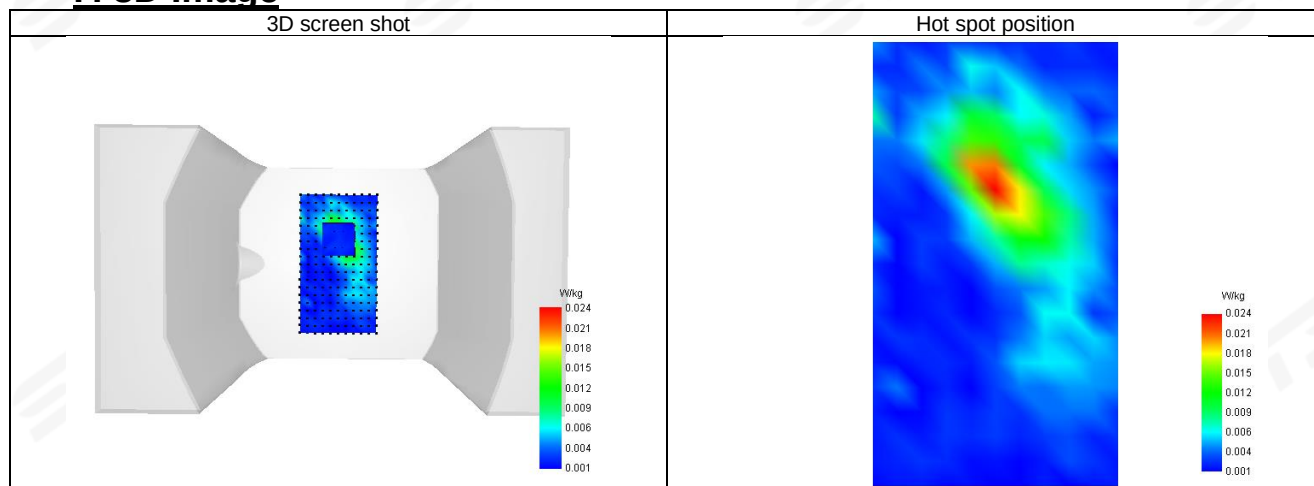
SAR 10g (W/Kg)	0.011
SAR 1g (W/Kg)	0.022
Horizontal validation criteria: minimum distance (mm)	11.313708
Vertical validation criteria: SAR ratio M2/M1 (%)	50.217773

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.041	0.023	0.012	0.009	0.006	0.004	0.003

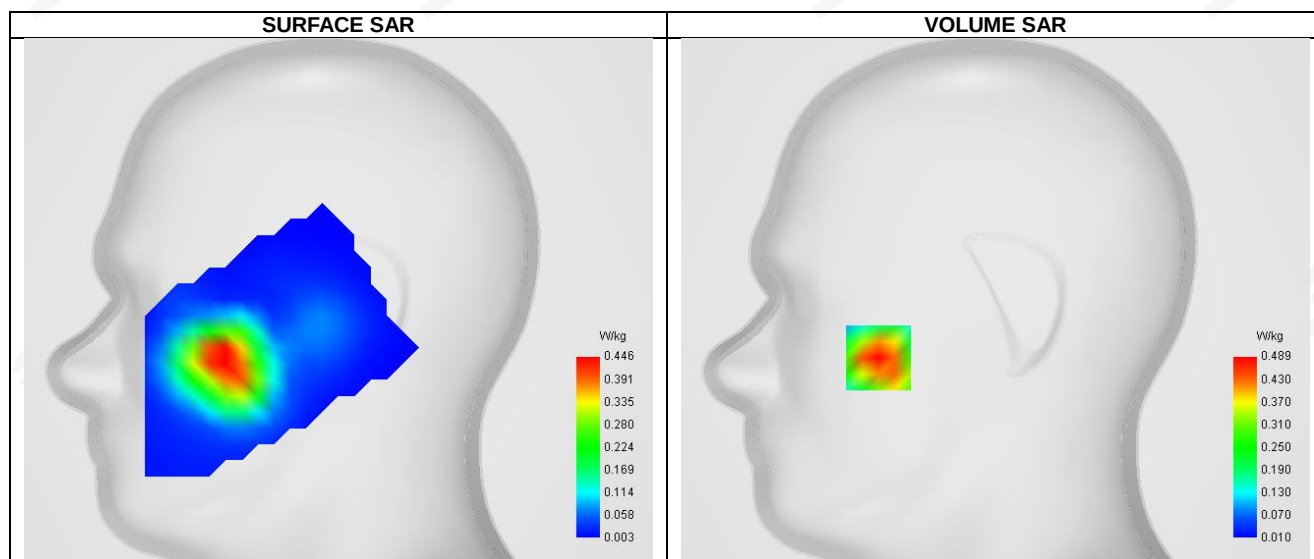


F. 3D Image



Plot 13: DUT: TD-LTE digital mobile phone; EUT Model: NX1

Test Date	2025-12-03
ConvF	1.54
Probe	SN 08/21 EPG0352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 2 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	1860
Relative permittivity (real part)	39.81
Conductivity (S/m)	1.45



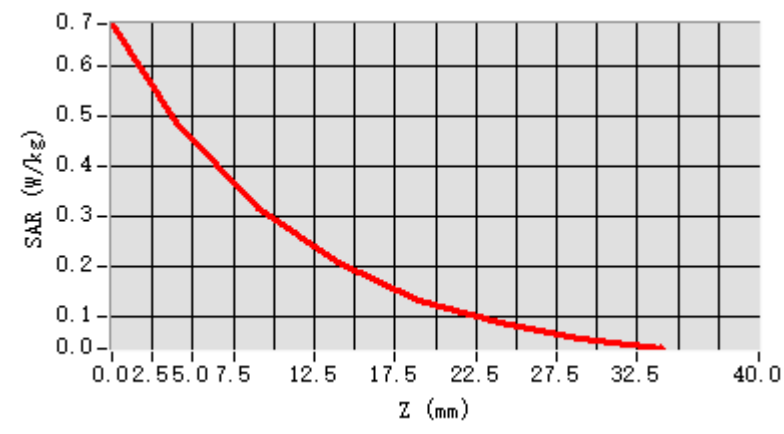
Maximum location: X=-58.00, Y=-29.00 ; SAR Peak: 0.70 W/kg

D. SAR 1g & 10g

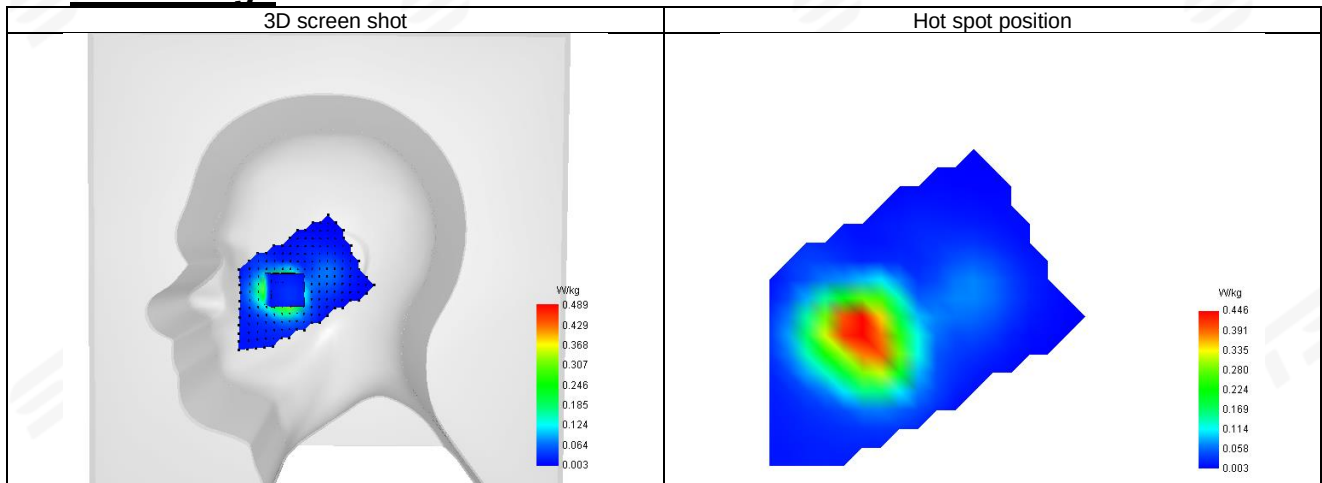
SAR 10g (W/Kg)	0.269
SAR 1g (W/Kg)	0.462
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	64.763477

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.685	0.489	0.317	0.206	0.132	0.085	0.055

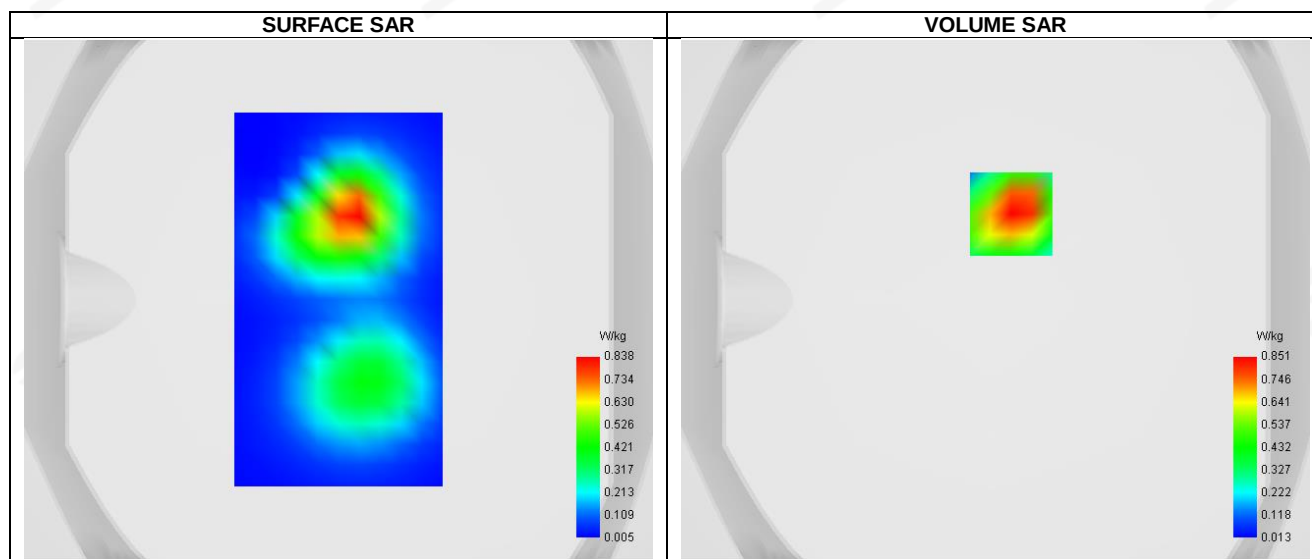


F. 3D Image



Plot 14: DUT: TD-LTE digital mobile phone; EUT Model: NX1

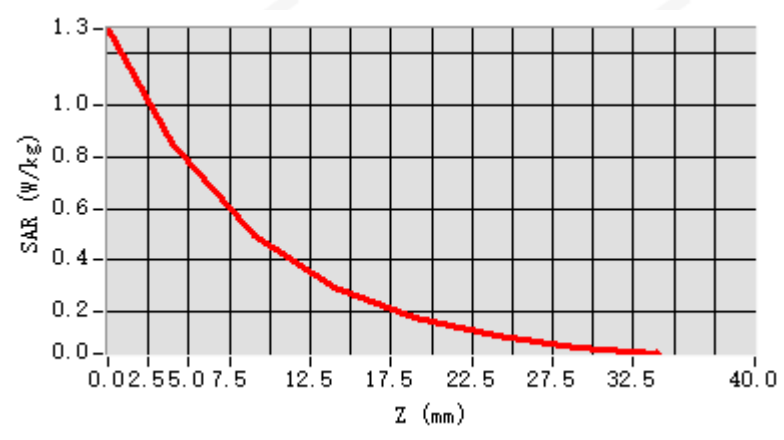
Test Date	2025-12-03
ConvF	1.54
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE Band 2(RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	1860
Relative permittivity (real part)	39.81
Conductivity (S/m)	1.45


D. SAR 1g & 10g

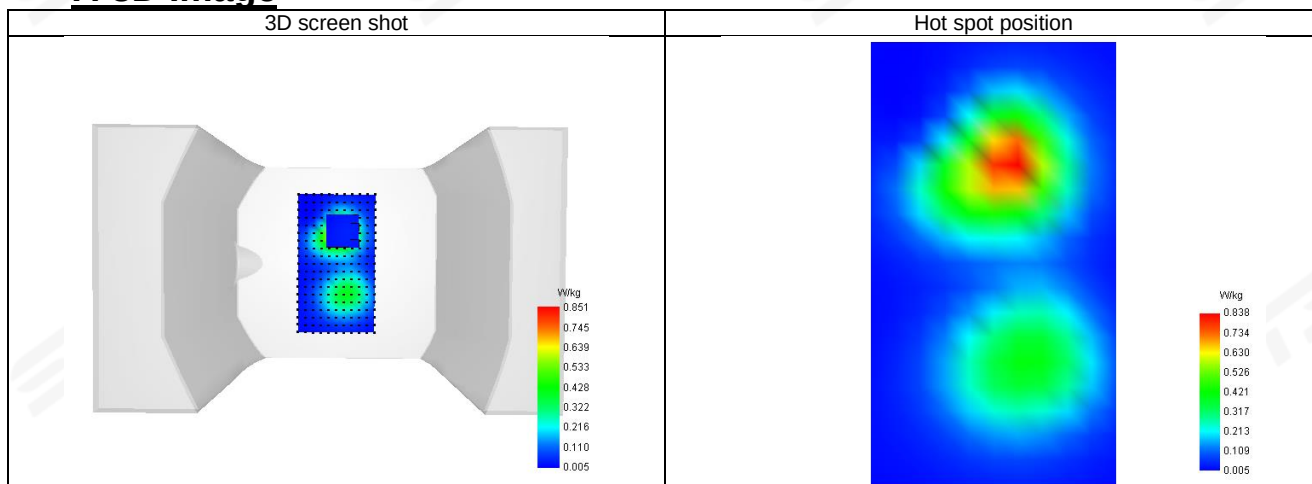
SAR 10g (W/Kg)	0.434
SAR 1g (W/Kg)	0.818
Horizontal validation criteria: minimum distance (mm)	17.888544
Vertical validation criteria: SAR ratio M2/M1 (%)	58.461263

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.293	0.851	0.497	0.297	0.179	0.107	0.064

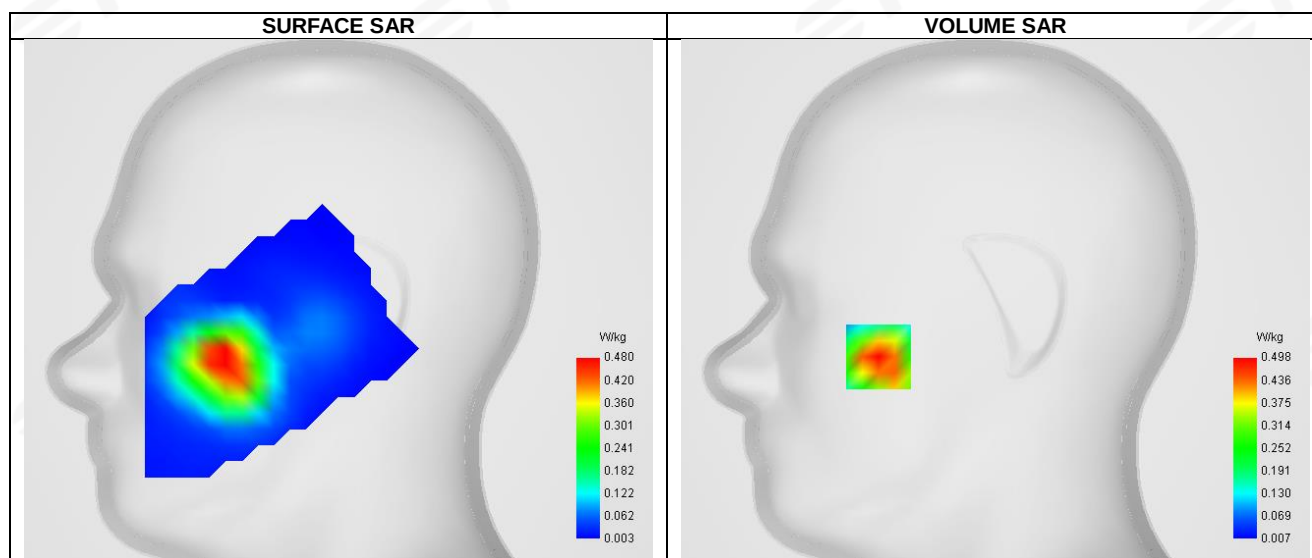


F. 3D Image



Plot 15: DUT: TD-LTE digital mobile phone; EUT Model: NX1

Test Date	2025-12-02
ConvF	1.54
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right head
Band	LTE Band 4 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	1745
Relative permittivity (real part)	40.42
Conductivity (S/m)	1.36



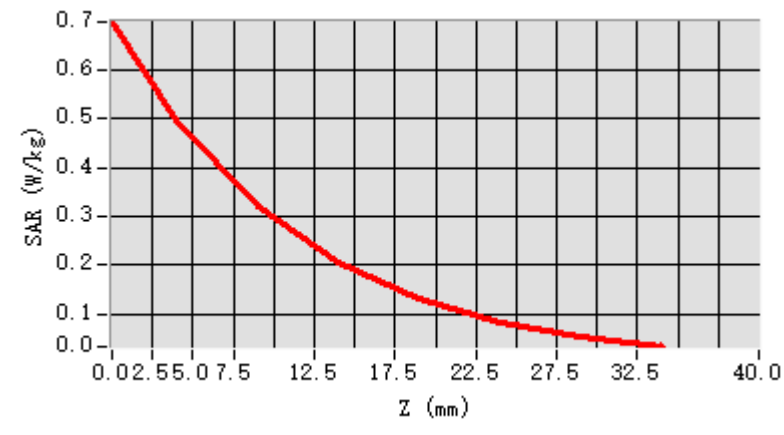
Maximum location: X=-58.00, Y=-28.00 ; SAR Peak: 0.70 W/kg

D. SAR 1g & 10g

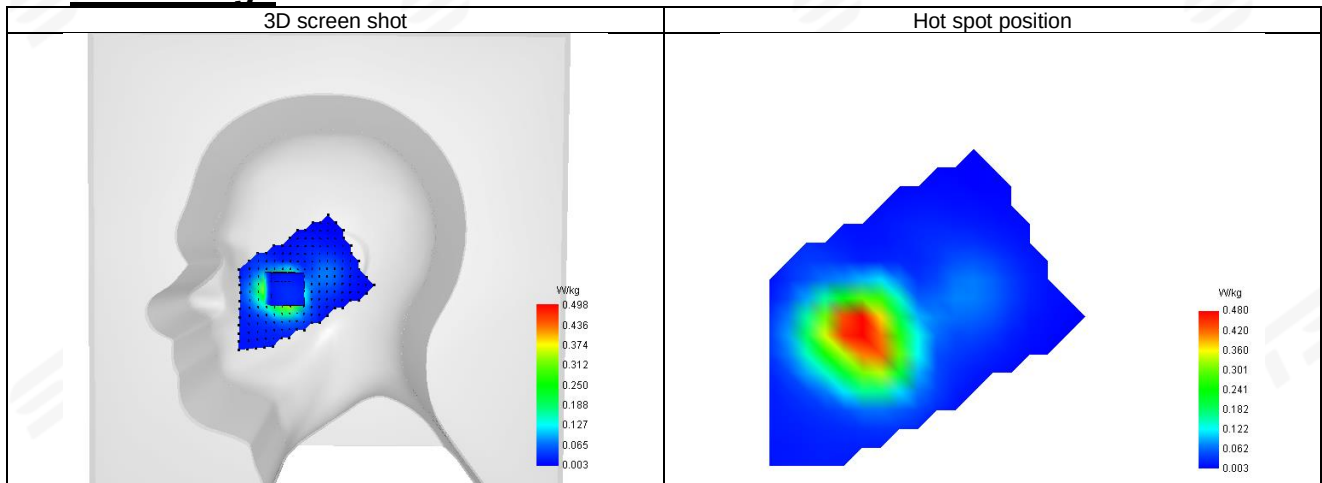
SAR 10g (W/Kg)	0.270
SAR 1g (W/Kg)	0.467
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	64.389962

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.698	0.498	0.320	0.205	0.130	0.083	0.053

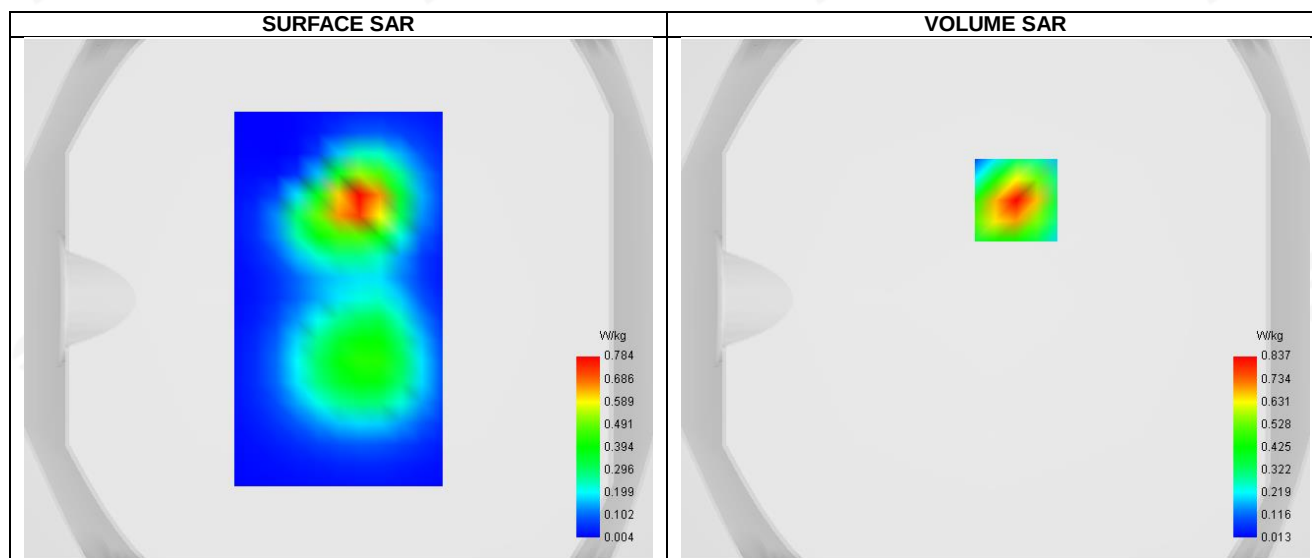


F. 3D Image



Plot 16: DUT: TD-LTE digital mobile phone; EUT Model: NX1

Test Date	2025-12-02
ConvF	1.54
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE Band 4 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	1745
Relative permittivity (real part)	40.42
Conductivity (S/m)	1.36



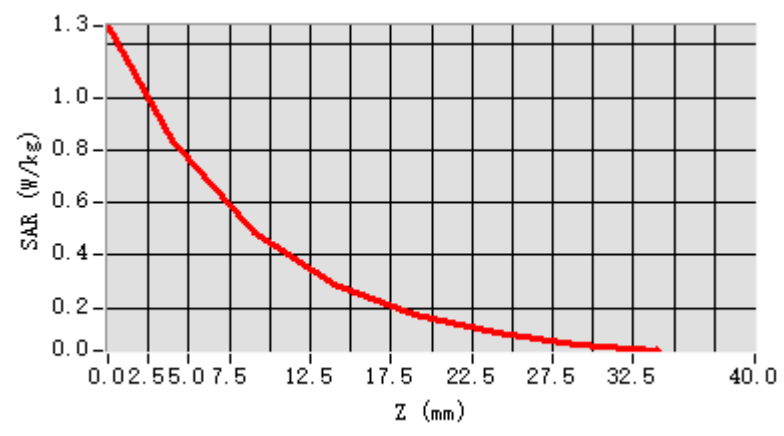
Maximum location: X=8.00, Y=38.00 ; SAR Peak: 1.26 W/kg

D. SAR 1g & 10g

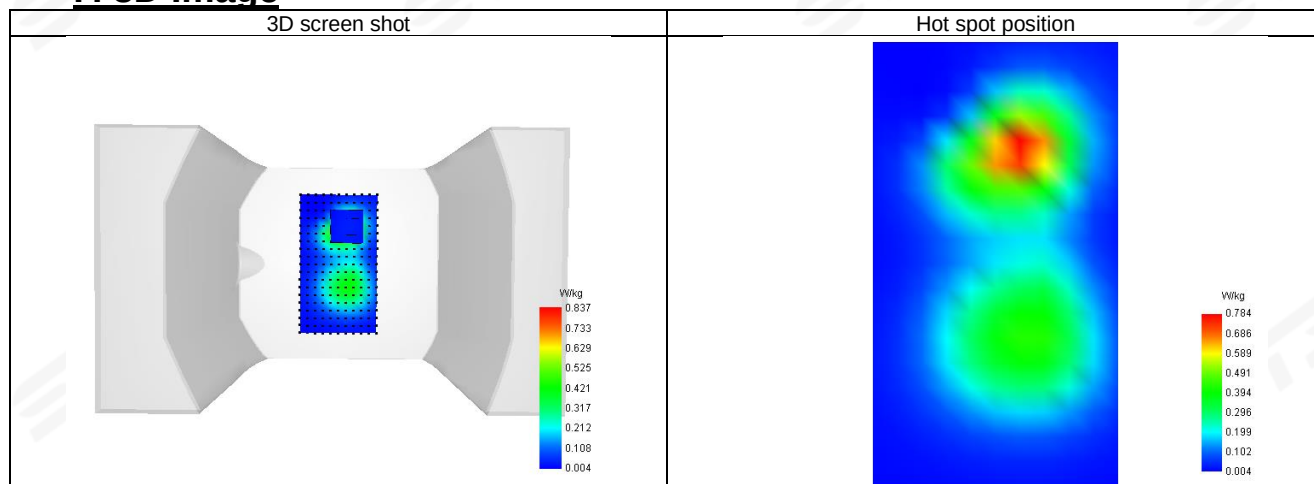
SAR 10g (W/Kg)	0.407
SAR 1g (W/Kg)	0.735
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	58.303718

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.272	0.837	0.488	0.290	0.173	0.102	0.061

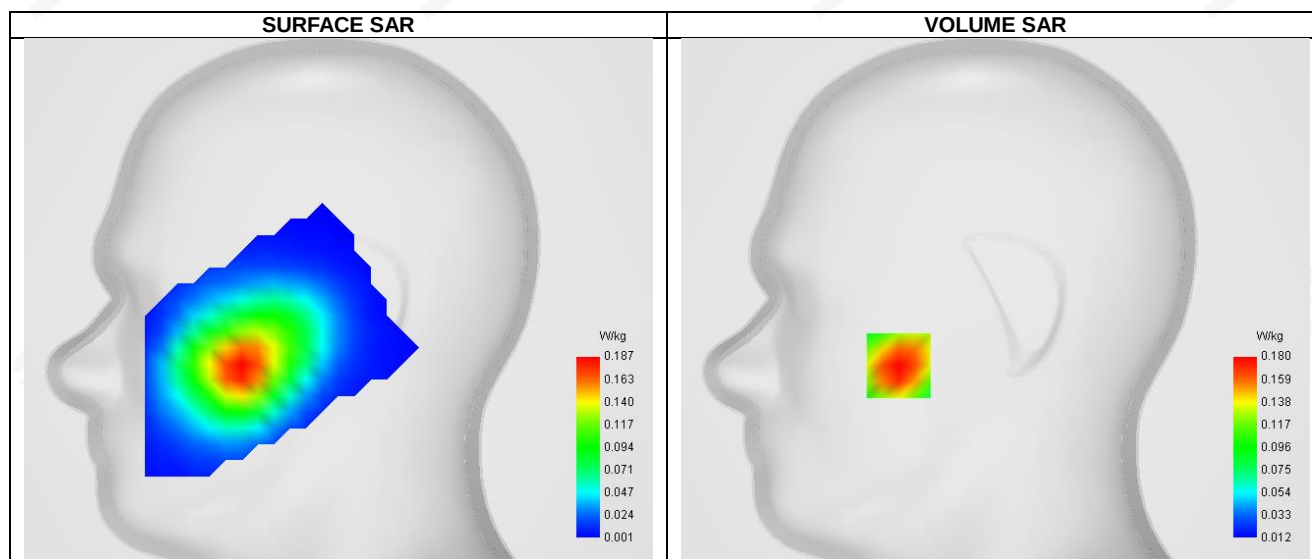


F. 3D Image



Plot 17: DUT: TD-LTE digital mobile phone; EUT Model: NX1

Test Date	2025-12-01
ConvF	1.49
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right Cheek
Device Position	Cheek
Band	LTE Band 5 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	844
Relative permittivity (real part)	41.56
Conductivity (S/m)	0.90



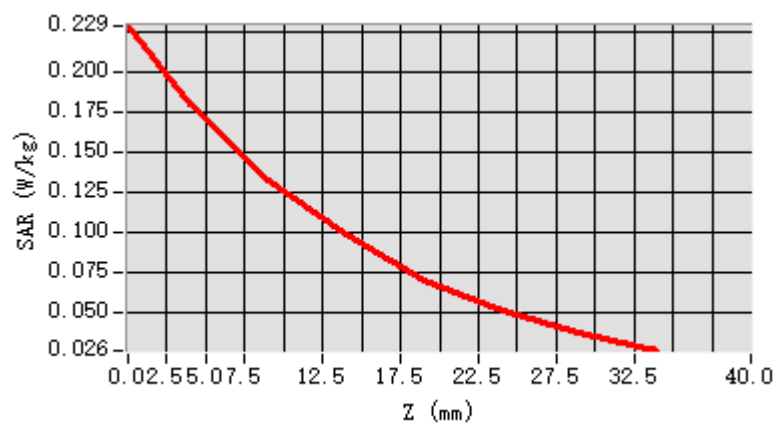
Maximum location: X=-48.00, Y=-33.00 ; SAR Peak: 0.23 W/kg

D. SAR 1g & 10g

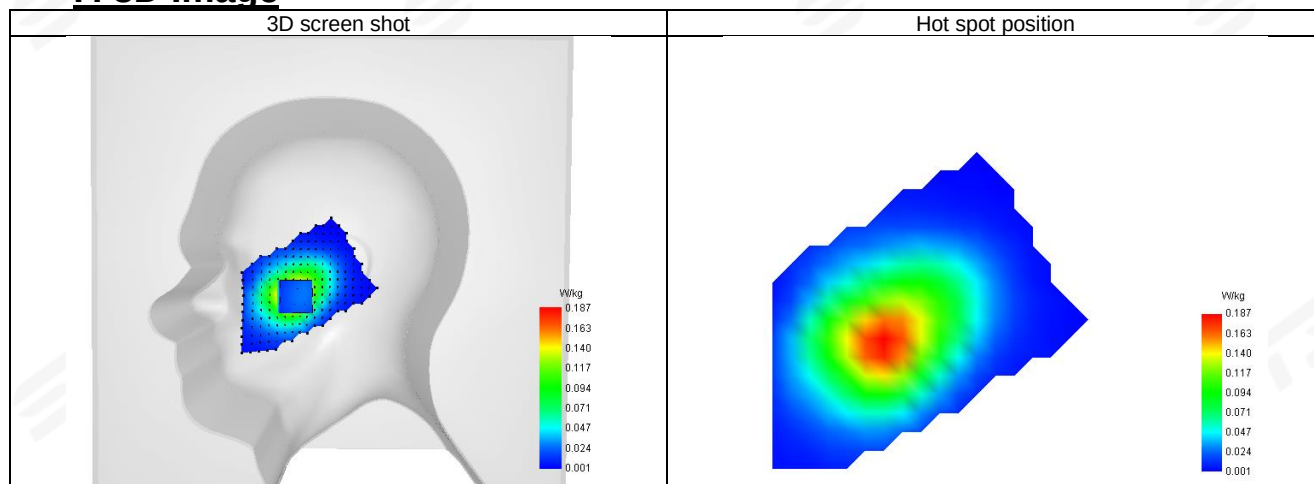
SAR 10g (W/Kg)	0.117
SAR 1g (W/Kg)	0.173
Horizontal validation criteria: minimum distance (mm)	22.627417
Vertical validation criteria: SAR ratio M2/M1 (%)	73.089931

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.229	0.180	0.132	0.098	0.069	0.050	0.037

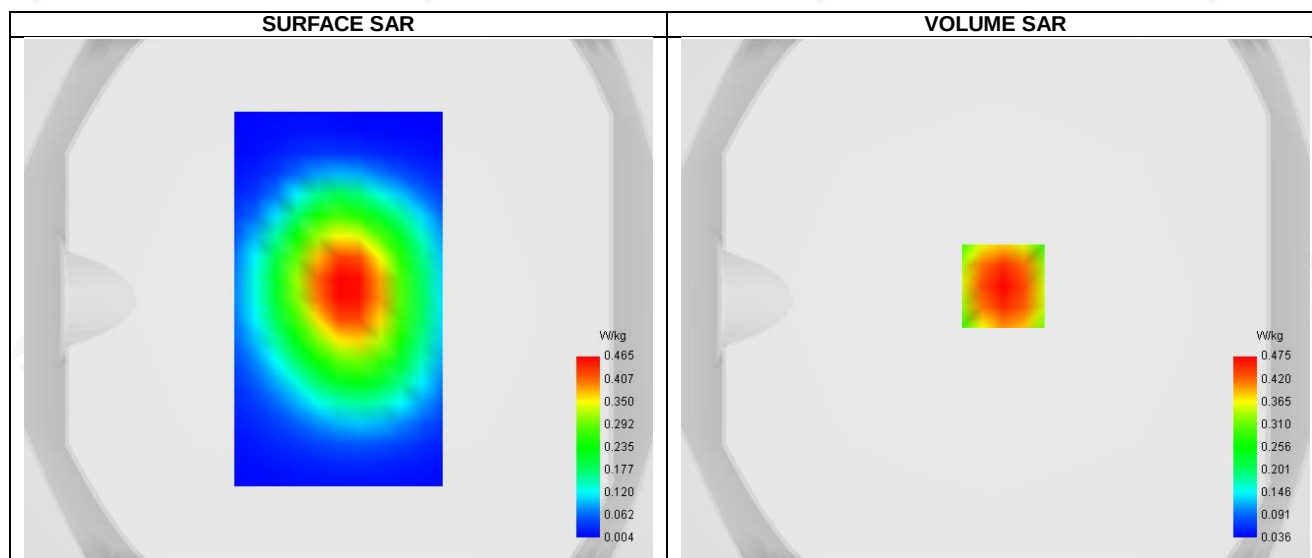


F. 3D Image



Plot 18: DUT: TD-LTE digital mobile phone; EUT Model: NX1

Test Date	2025-12-01
ConvF	1.49
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE Band 5 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	844
Relative permittivity (real part)	41.56
Conductivity (S/m)	0.90



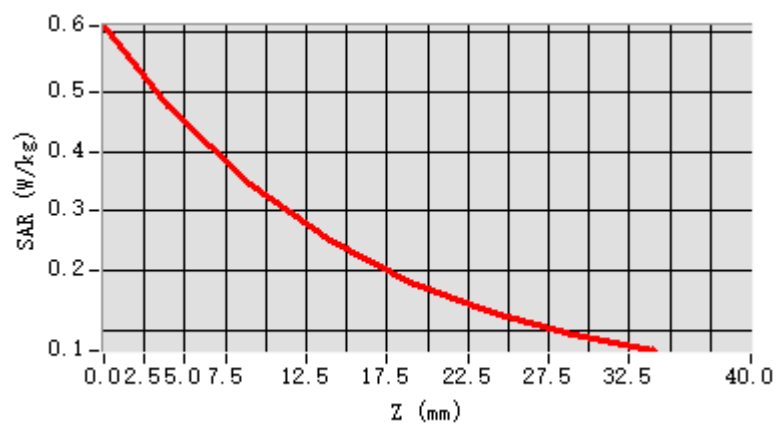
Maximum location: X=3.00, Y=5.00 ; SAR Peak: 0.61 W/kg

D. SAR 1g & 10g

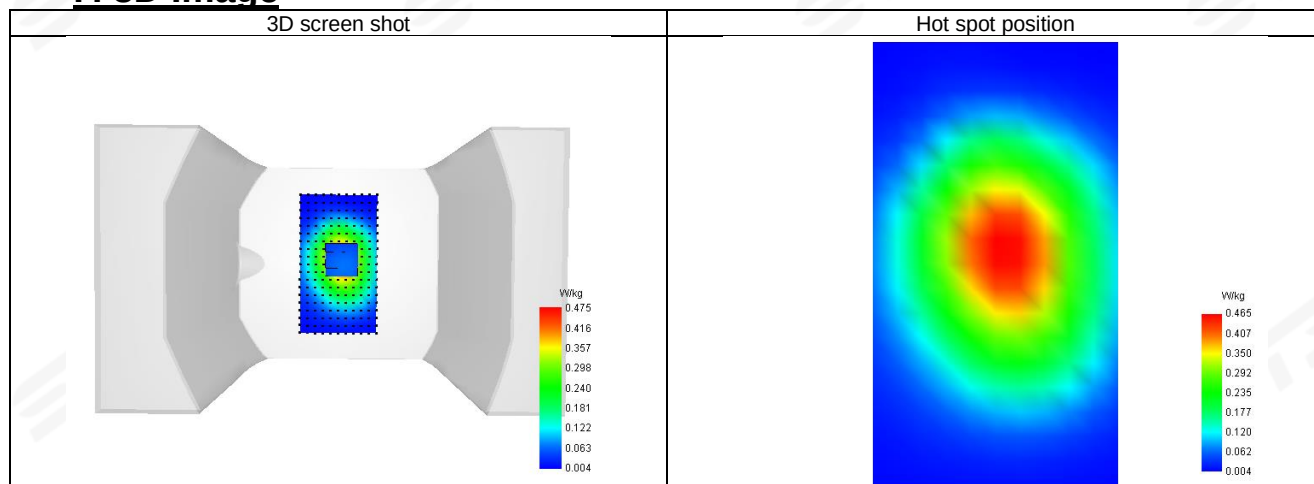
SAR 10g (W/Kg)	0.311
SAR 1g (W/Kg)	0.454
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	74.555699

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.609	0.475	0.345	0.251	0.180	0.130	0.094

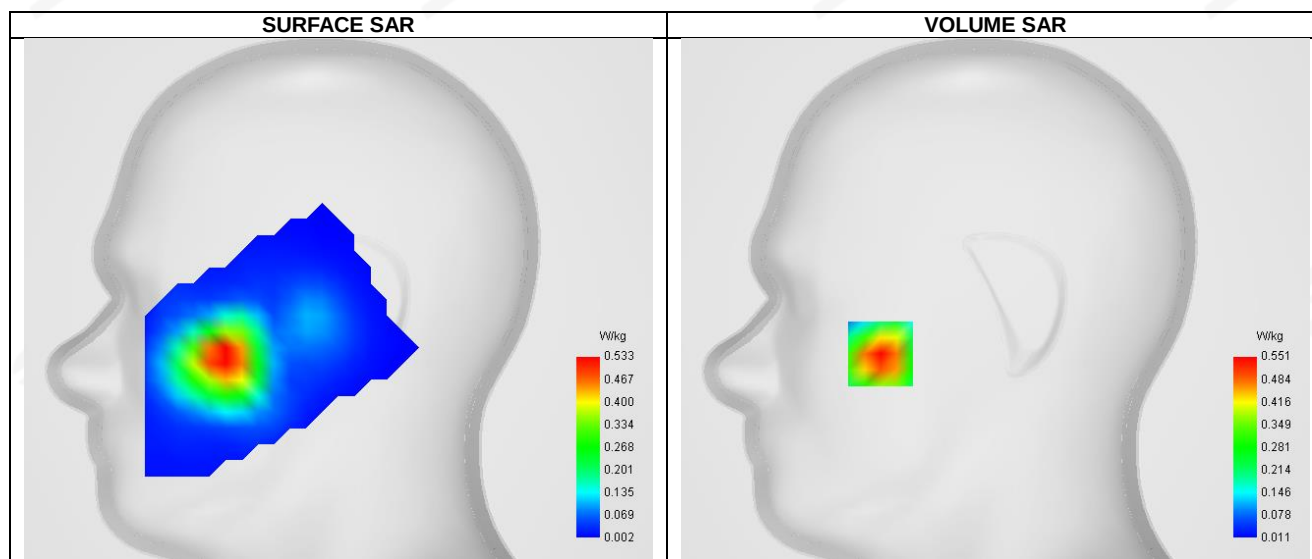


F. 3D Image



Plot 19: DUT: TD-LTE digital mobile phone; EUT Model: NX1

Test Date	2025-12-04
ConvF	1.70
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right Cheek
Device Position	Cheek
Band	LTE Band 7 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	2510
Relative permittivity (real part)	39.71
Conductivity (S/m)	1.88



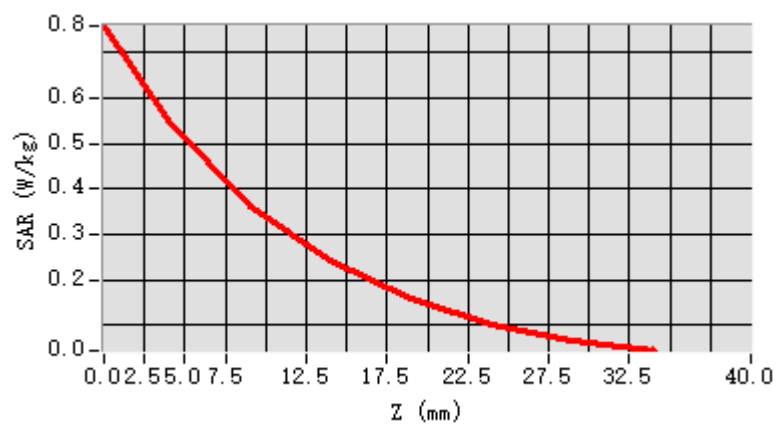
Maximum location: X=-57.00, Y=-27.00 ; SAR Peak: 0.76 W/kg

D. SAR 1g & 10g

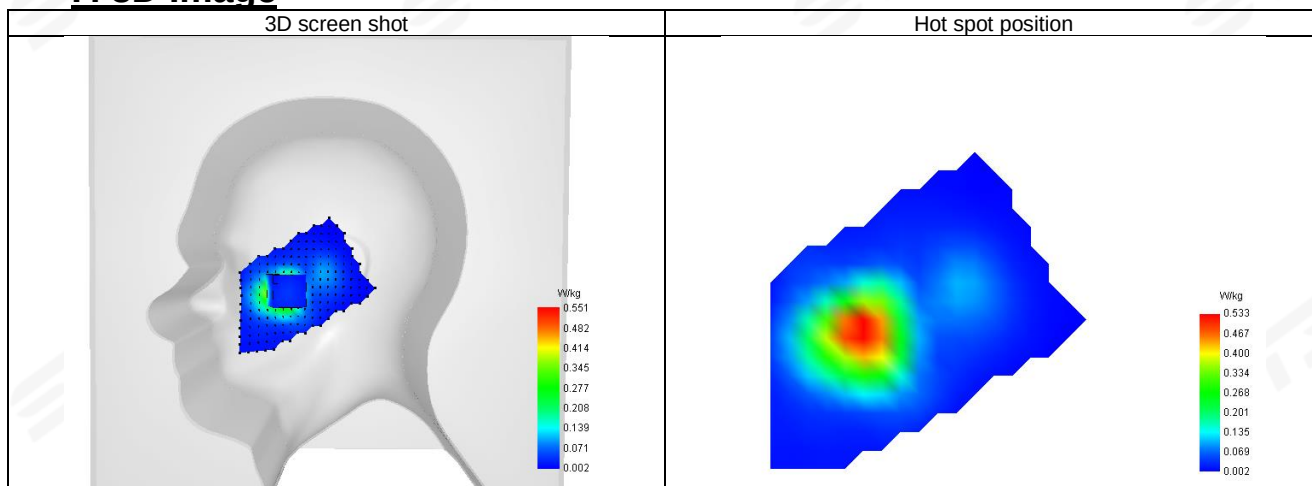
SAR 10g (W/Kg)	0.303
SAR 1g (W/Kg)	0.519
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	65.990744

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.760	0.551	0.364	0.242	0.157	0.103	0.068

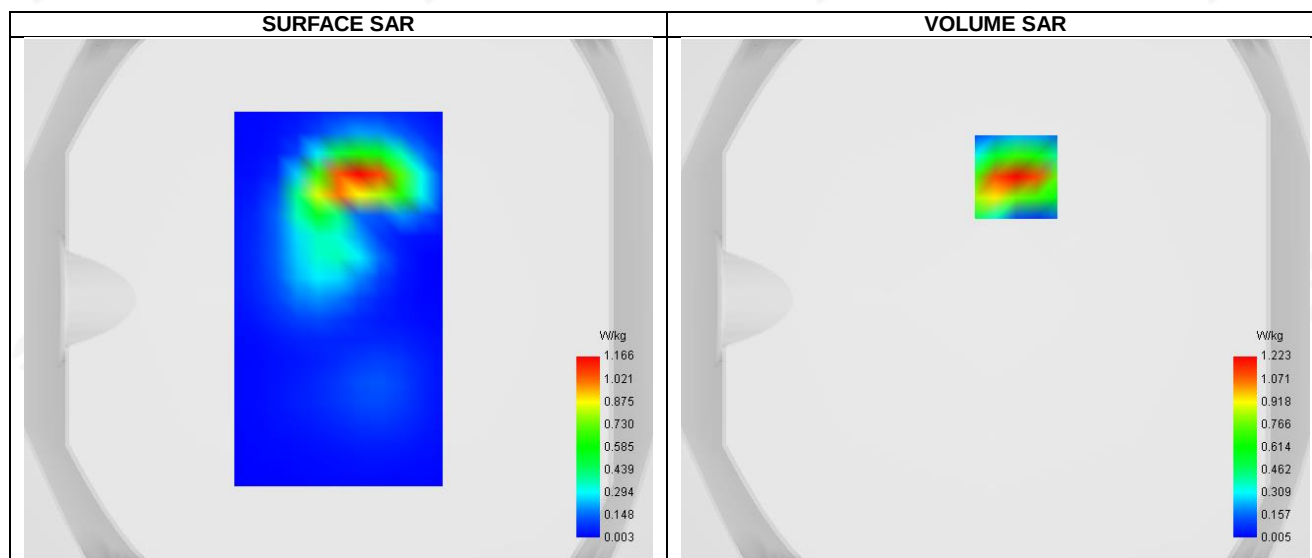


F. 3D Image



Plot 20: DUT: TD-LTE digital mobile phone; EUT Model: NX1

Test Date	2025-12-04
ConvF	1.70
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE Band 7 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	2510
Relative permittivity (real part)	39.71
Conductivity (S/m)	1.88



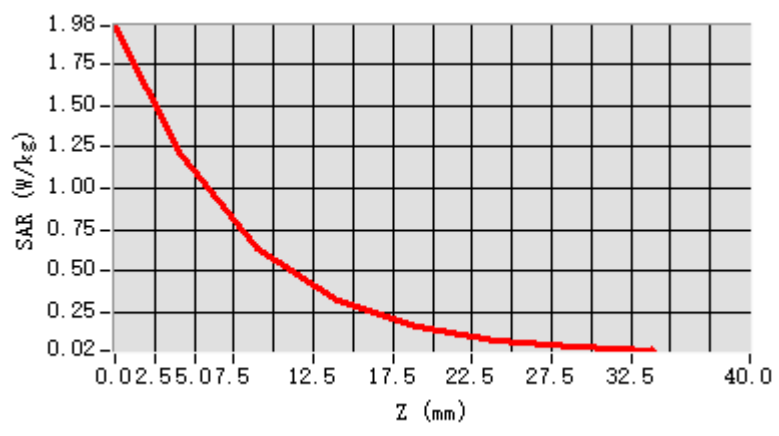
Maximum location: X=8.00, Y=47.00 ; SAR Peak: 1.98 W/kg

D. SAR 1g & 10g

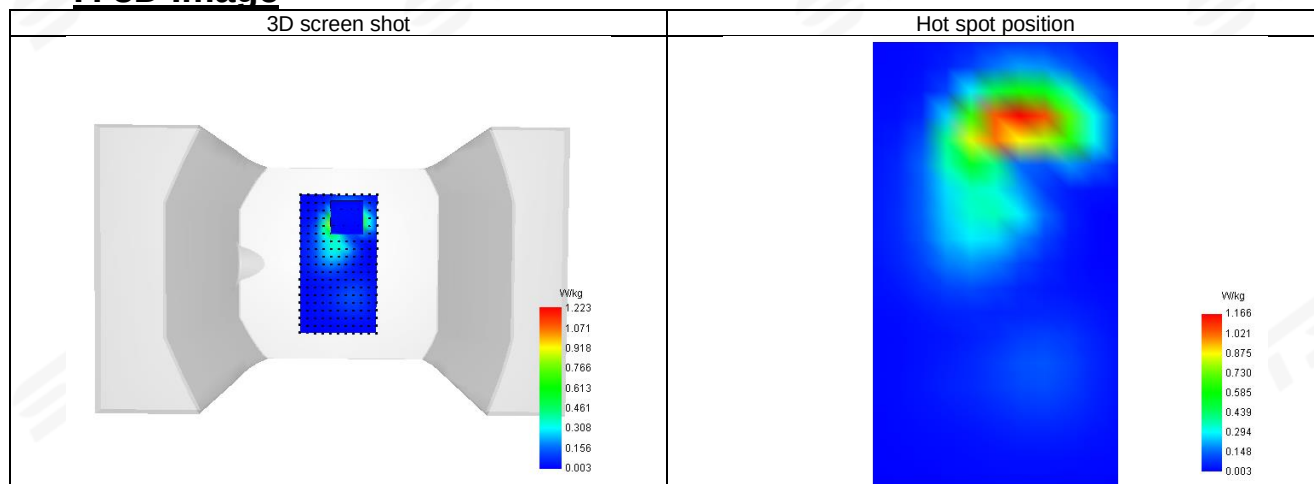
SAR 10g (W/Kg)	0.519
SAR 1g (W/Kg)	1.117
Horizontal validation criteria: minimum distance (mm)	11.313708
Vertical validation criteria: SAR ratio M2/M1 (%)	52.360887

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.978	1.223	0.640	0.330	0.171	0.089	0.046

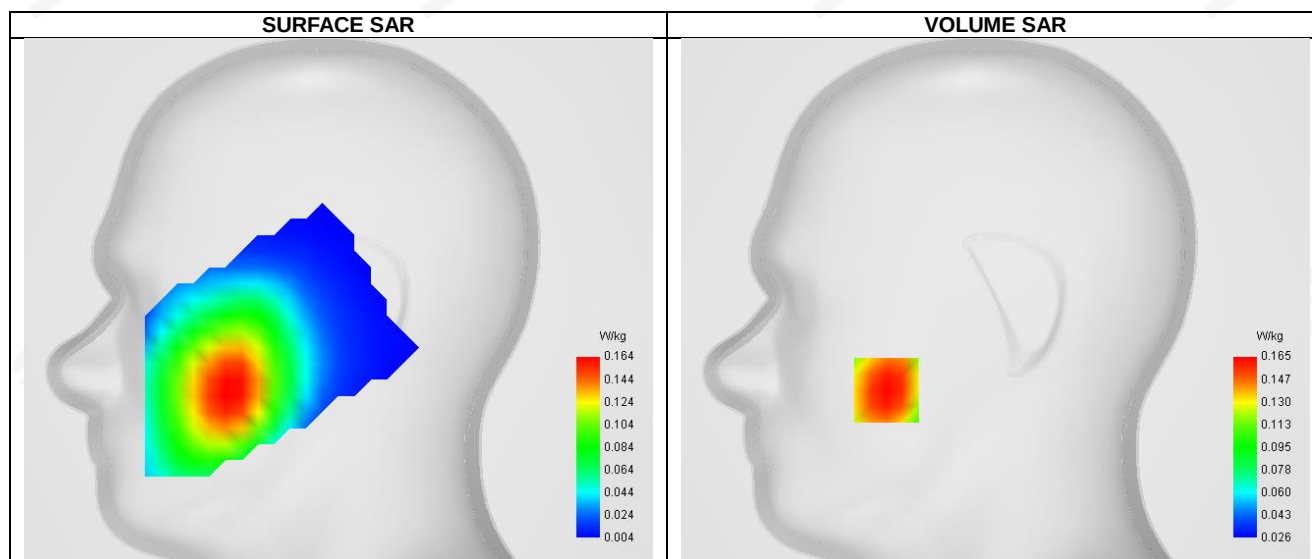


F. 3D Image



Plot 21: DUT: TD-LTE digital mobile phone; EUT Model: NX1

Test Date	2025-12-01
ConvF	1.51
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right Cheek
Device Position	Cheek
Band	LTE Band 12 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	704
Relative permittivity (real part)	42.44
Conductivity (S/m)	0.87



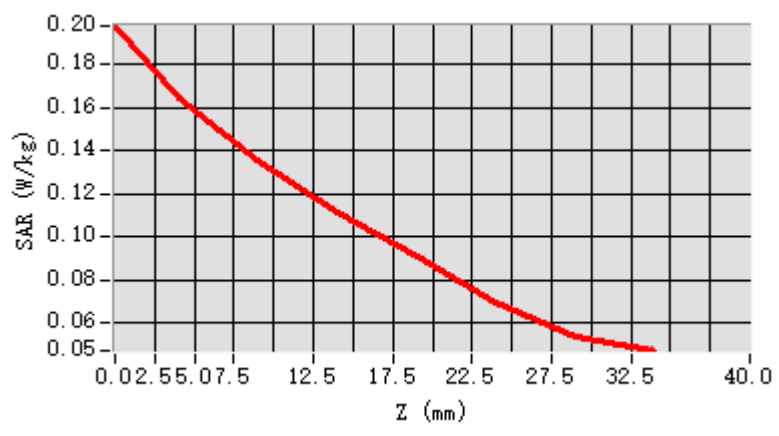
Maximum location: X=-54.00, Y=-45.00 ; SAR Peak: 0.20 W/kg

D. SAR 1g & 10g

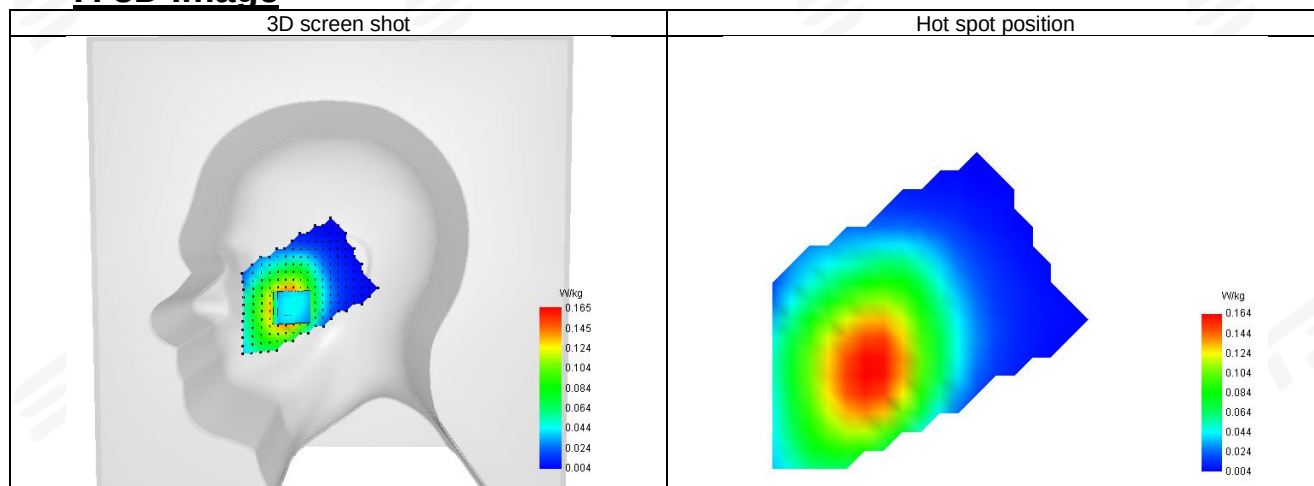
SAR 10g (W/Kg)	0.123
SAR 1g (W/Kg)	0.162
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	73.455466

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.198	0.165	0.135	0.111	0.091	0.069	0.053

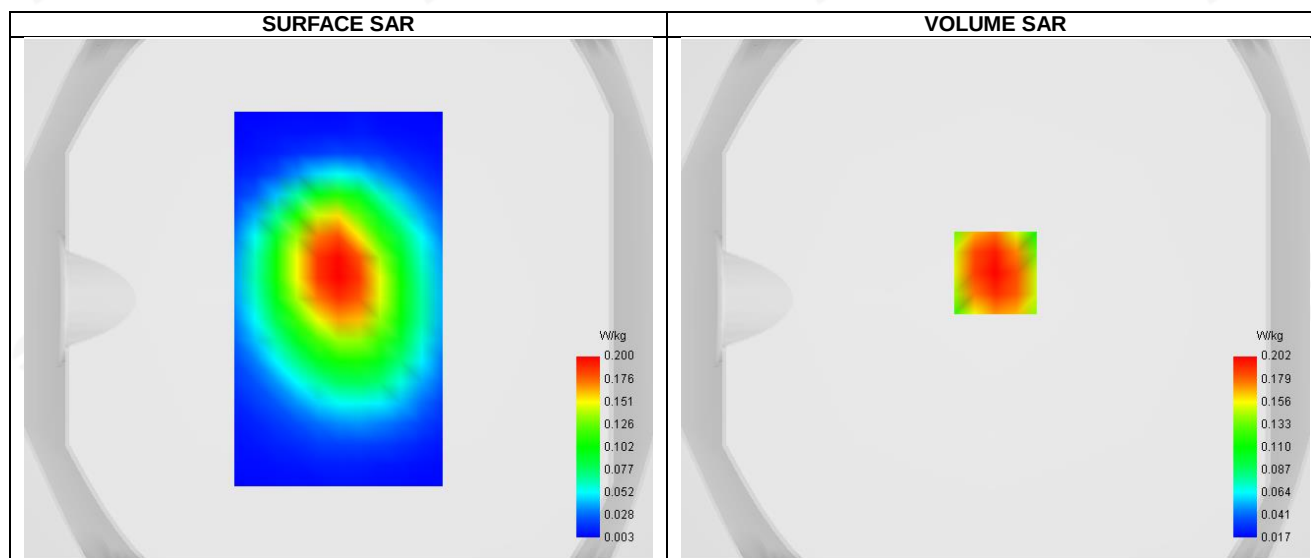


F. 3D Image



**Plot 22: DUT: TD-LTE digital mobile phone; EUT Model: NX1**

Test Date	2025-12-01
ConvF	1.51
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE Band 12 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	704
Relative permittivity (real part)	42.44
Conductivity (S/m)	0.87



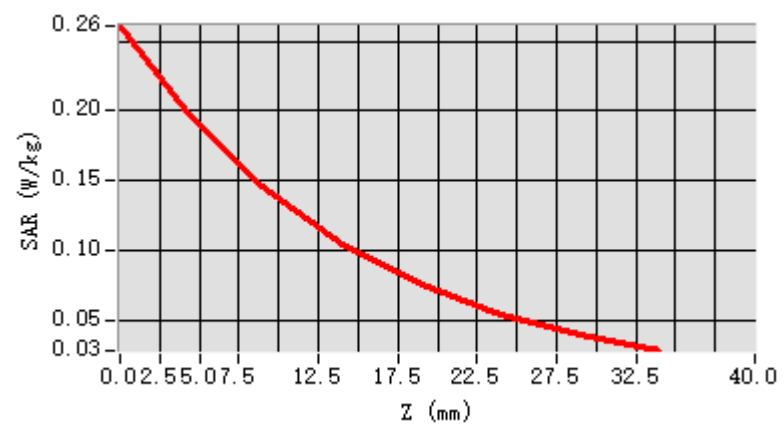
Maximum location: X=0.00, Y=10.00 ; SAR Peak: 0.26 W/kg

D. SAR 1g & 10g

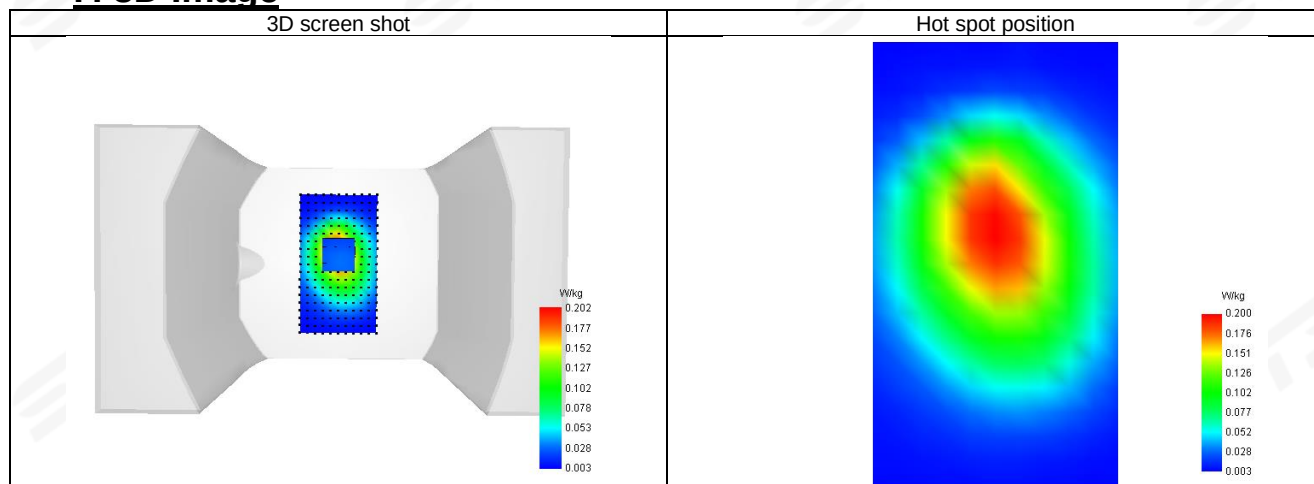
SAR 10g (W/Kg)	0.132
SAR 1g (W/Kg)	0.194
Horizontal validation criteria: minimum distance (mm)	22.665411
Vertical validation criteria: SAR ratio M2/M1 (%)	66.963355

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.261	0.202	0.146	0.105	0.076	0.055	0.040

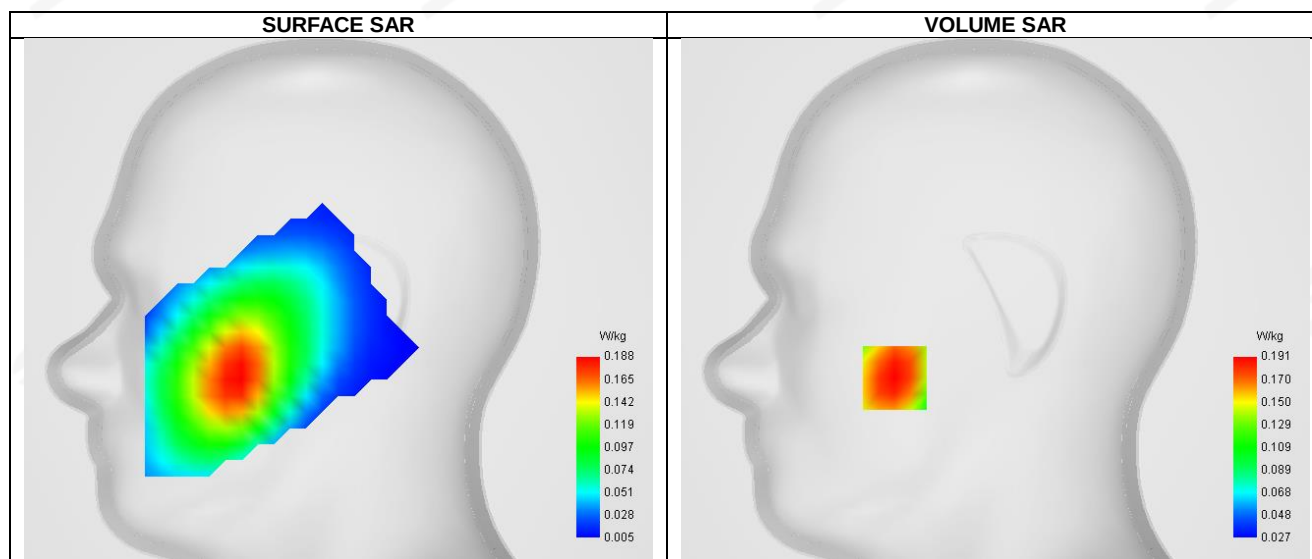


F. 3D Image



Plot 23: DUT: TD-LTE digital mobile phone; EUT Model: NX1

Test Date	2025-12-01
ConvF	1.51
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right Cheek
Device Position	Cheek
Band	LTE Band 17 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	711
Relative permittivity (real part)	42.59
Conductivity (S/m)	0.88



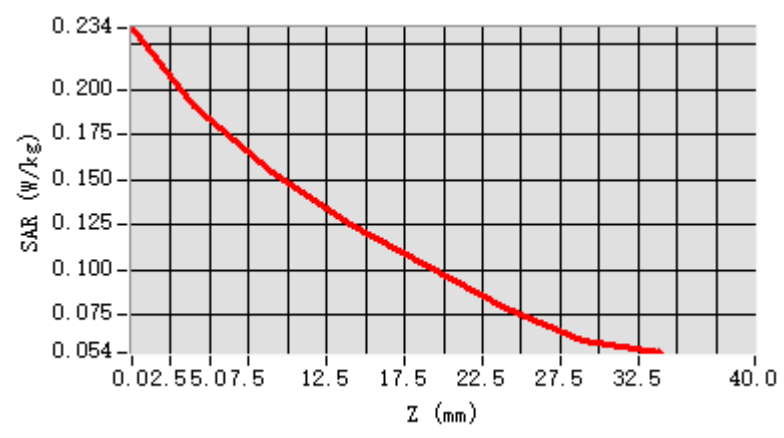
Maximum location: X=-50.00, Y=-39.00 ; SAR Peak: 0.23 W/kg

D. SAR 1g & 10g

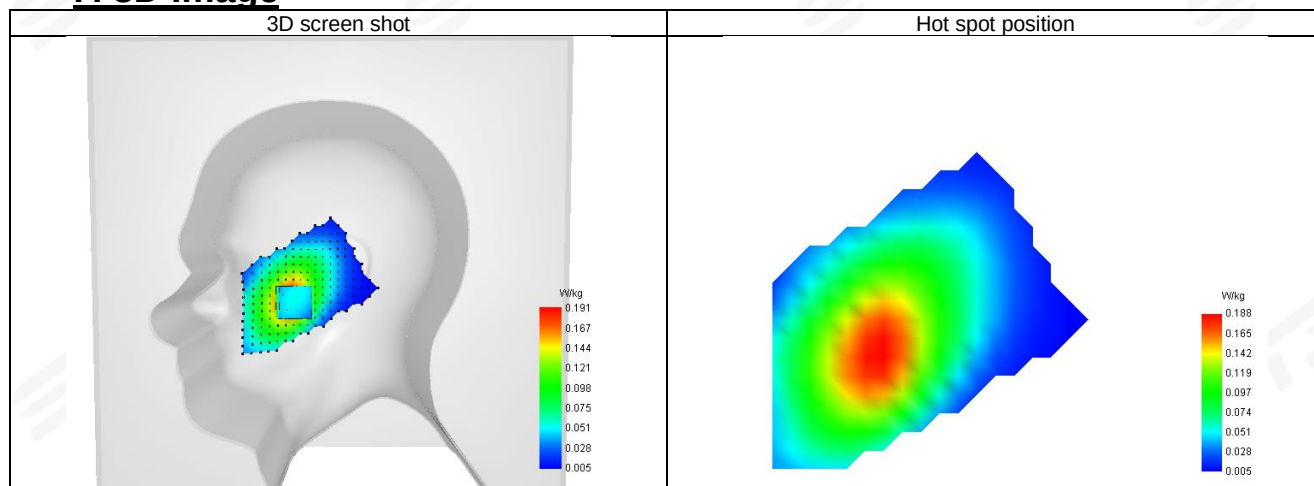
SAR 10g (W/Kg)	0.141
SAR 1g (W/Kg)	0.187
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	80.628272

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.234	0.191	0.154	0.125	0.102	0.079	0.061

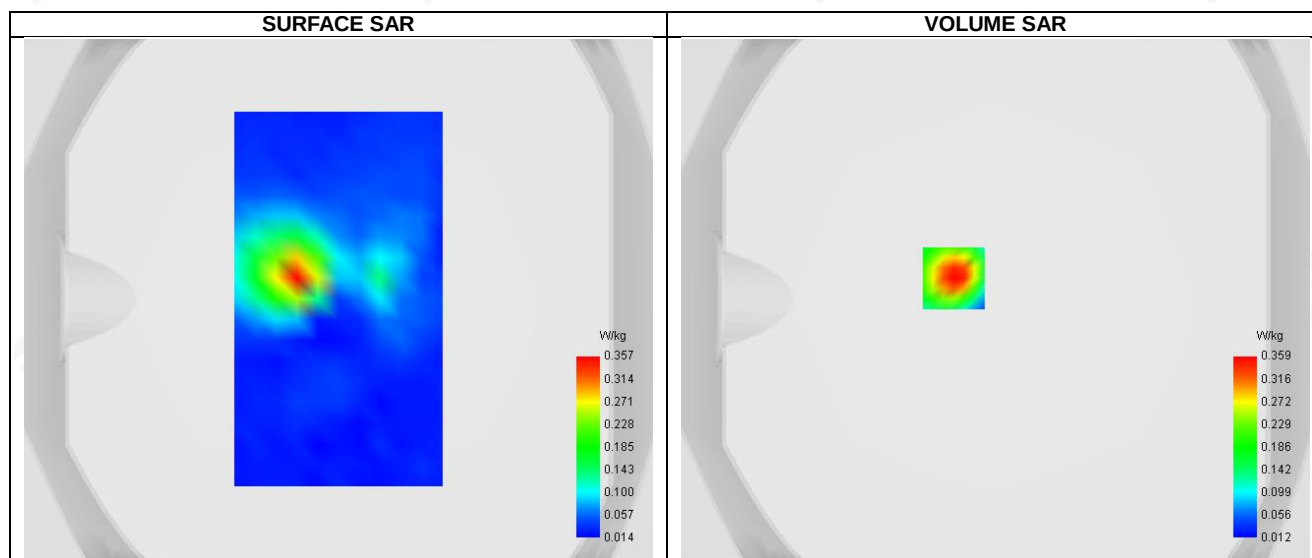


F. 3D Image



Plot 24: DUT: TD-LTE digital mobile phone; EUT Model: NX1

Test Date	2025-12-01
ConvF	1.51
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE Band 17 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	711
Relative permittivity (real part)	42.59
Conductivity (S/m)	0.88



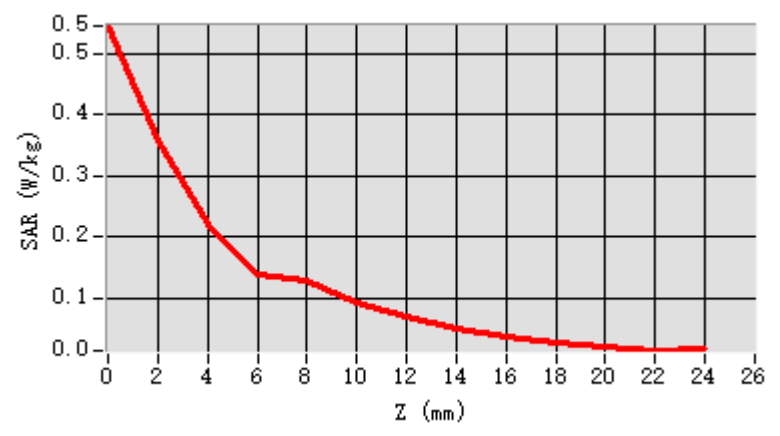
Maximum location: X=-16.00, Y=8.00 ; SAR Peak: 0.64 W/kg

D. SAR 1g & 10g

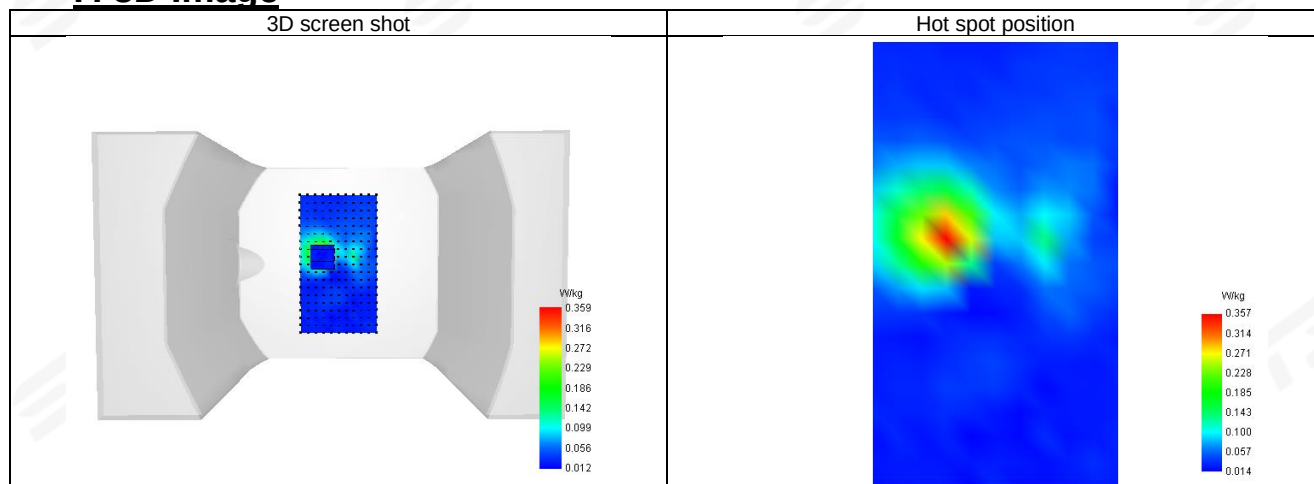
SAR 10g (W/Kg)	0.108
SAR 1g (W/Kg)	0.239
Horizontal validation criteria: minimum distance (mm)	11.313708
Vertical validation criteria: SAR ratio M2/M1 (%)	61.185121

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00
SAR (W/Kg)	0.544	0.359	0.220	0.140	0.128	0.094	0.069	0.051	0.037	0.027	0.020	0.015	0.015

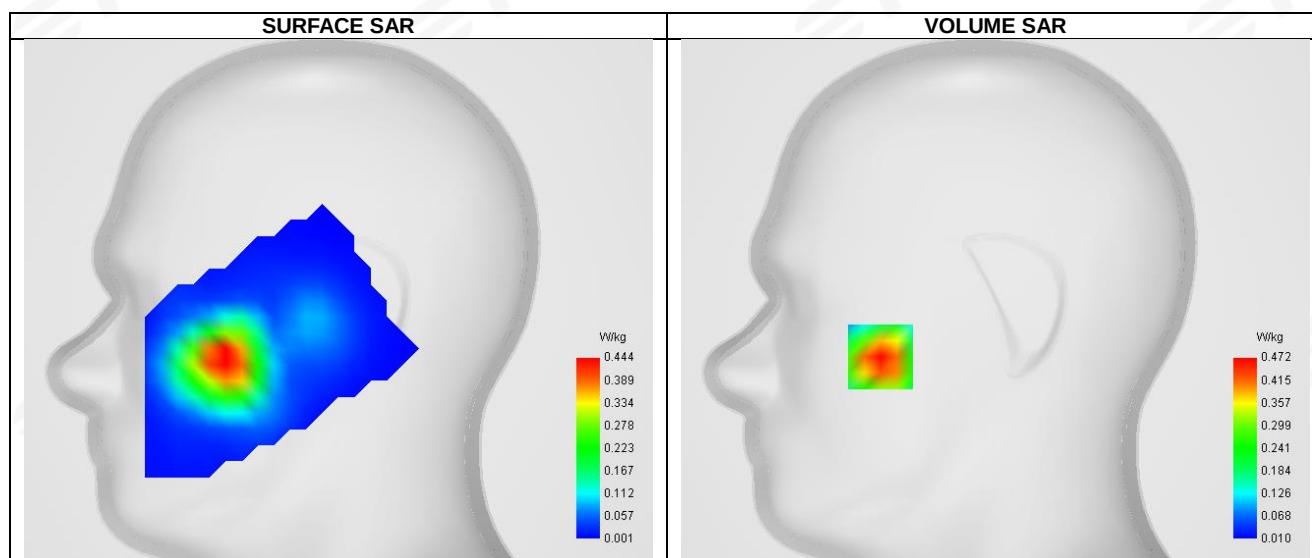


F. 3D Image



**Plot 25: DUT: TD-LTE digital mobile phone; EUT Model: NX1**

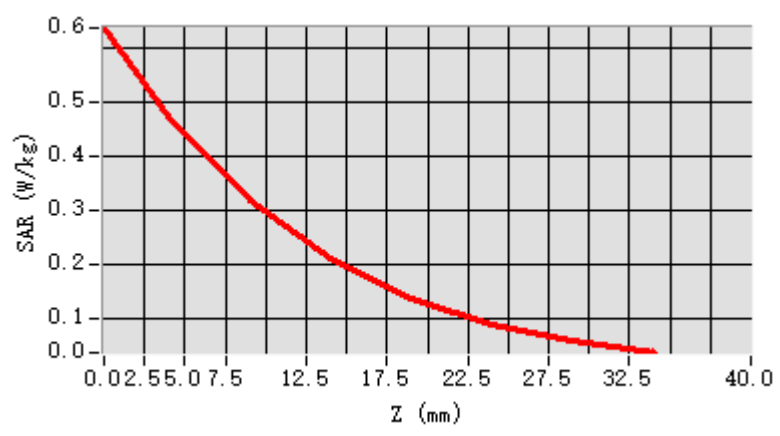
Test Date	2025-12-02
ConvF	1.54
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Right head
Band	LTE Band 66 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	1745
Relative permittivity (real part)	40.42
Conductivity (S/m)	1.36

**D. SAR 1g & 10g**

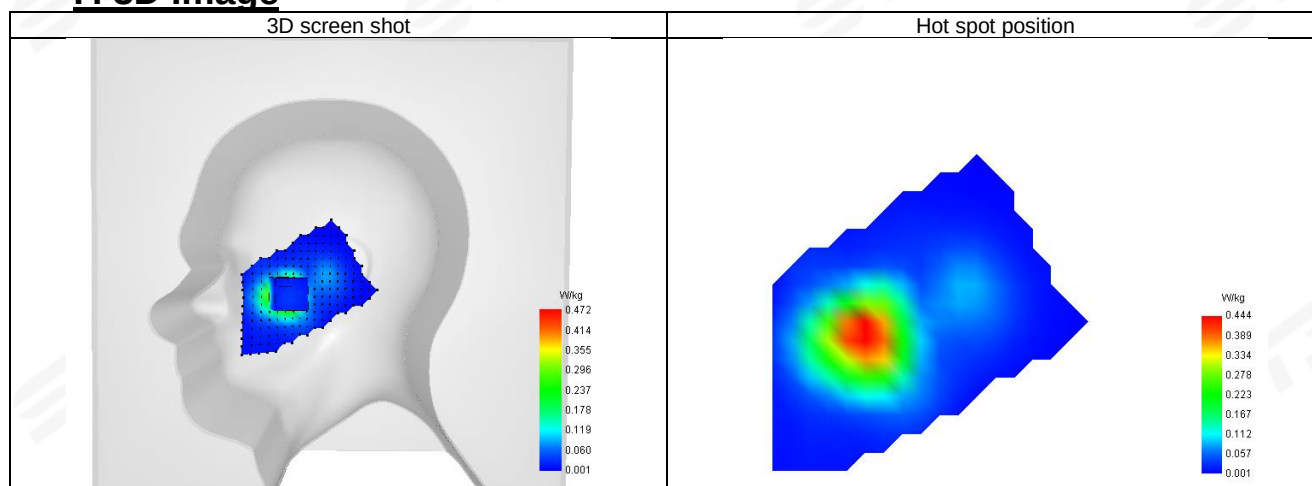
SAR 10g (W/Kg)	0.263
SAR 1g (W/Kg)	0.445
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	67.013584

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.637	0.472	0.317	0.211	0.135	0.089	0.058

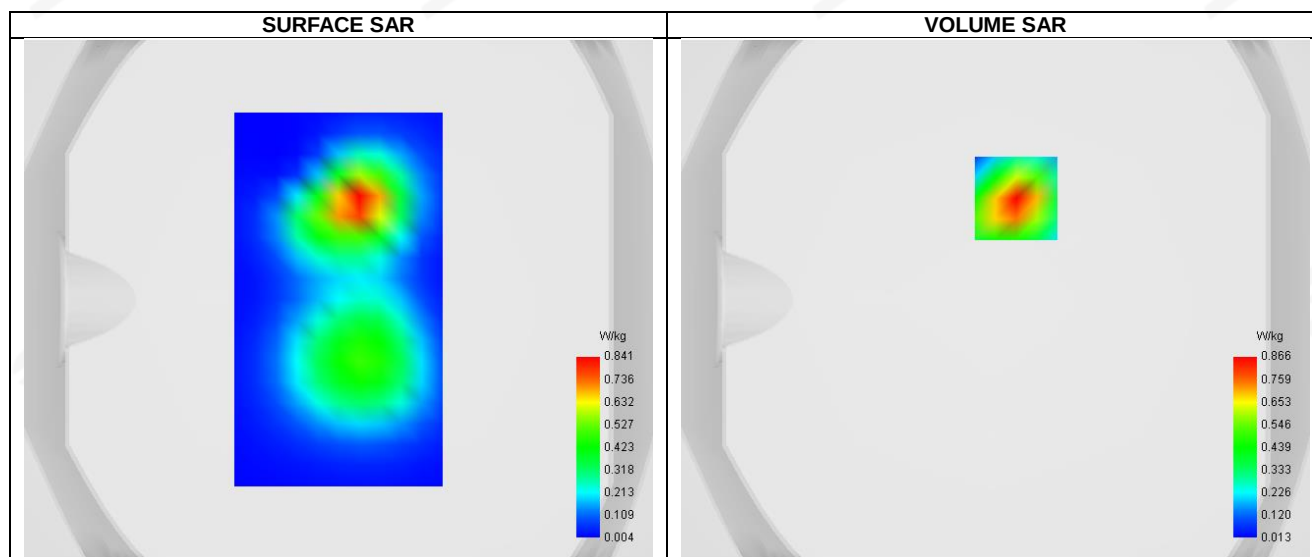


F. 3D Image



**Plot 26: DUT: TD-LTE digital mobile phone; EUT Model: NX1**

Test Date	2025-12-02
ConvF	1.54
Probe	SN 08/21 EPGO352
Area Scan	dx=8mm, dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7, dx=8mm, dy=8mm, dz=5mm
Phantom	Validation plane
Device Position	Back Side
Band	LTE Band 66 (RB 1)
Signal	LTE (Crest factor: 1.0)
Frequency (MHz)	1745
Relative permittivity (real part)	40.42
Conductivity (S/m)	1.36



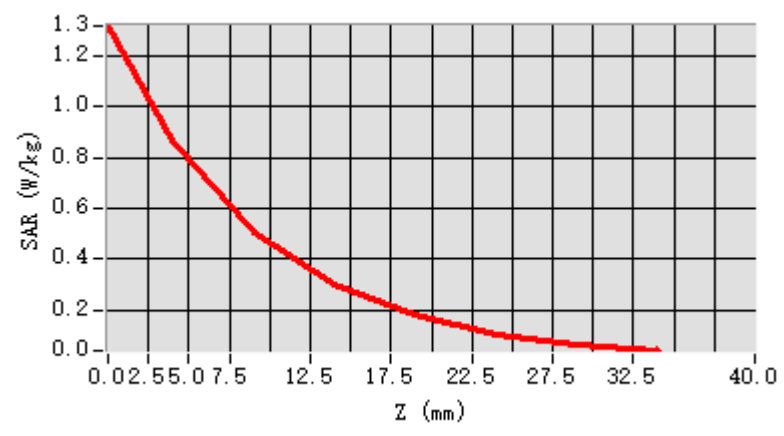
Maximum location: X=8.00, Y=39.00 ; SAR Peak: 1.32 W/kg

D. SAR 1g & 10g

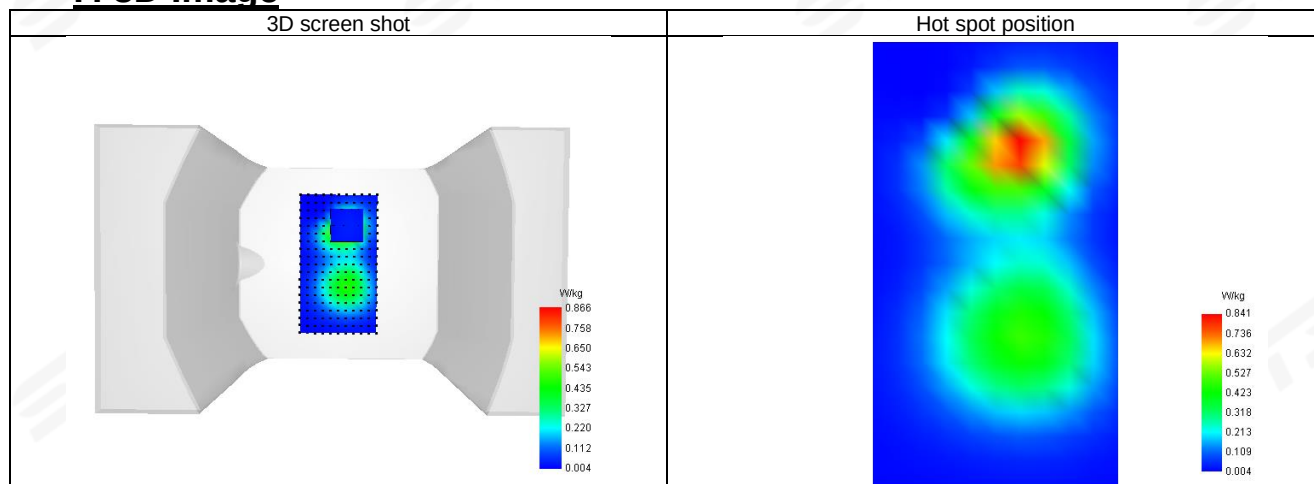
SAR 10g (W/Kg)	0.420
SAR 1g (W/Kg)	0.806
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	58.179579

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.318	0.866	0.504	0.299	0.178	0.105	0.062



F. 3D Image





Appendix C. Probe Calibration and Dipole Calibration Report

Refer the appendix Calibration Report.

※※※※END OF THE REPORT※※※※