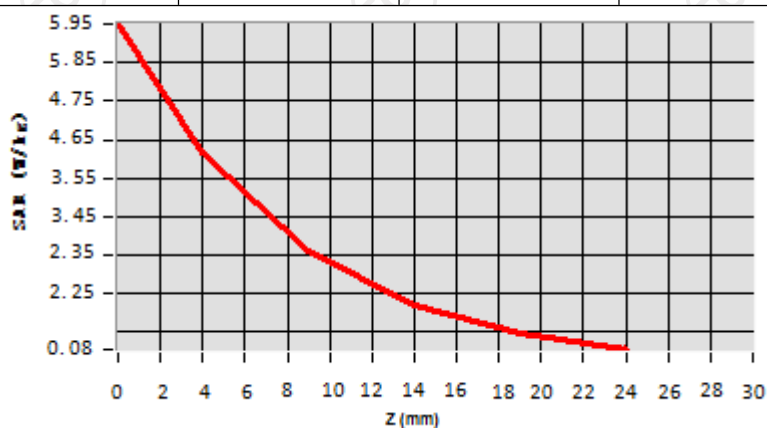


Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	5.9525	0.6022	0.3594	0.2202	0.0725



Hot spot position



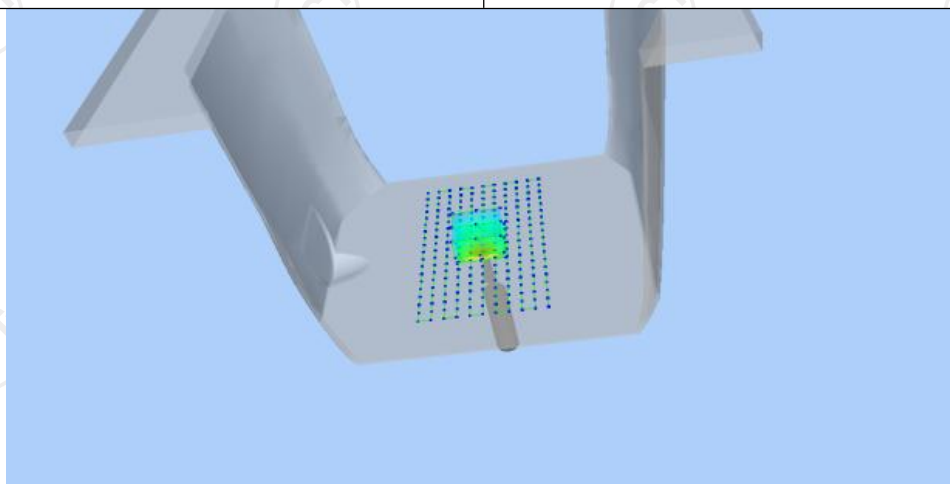
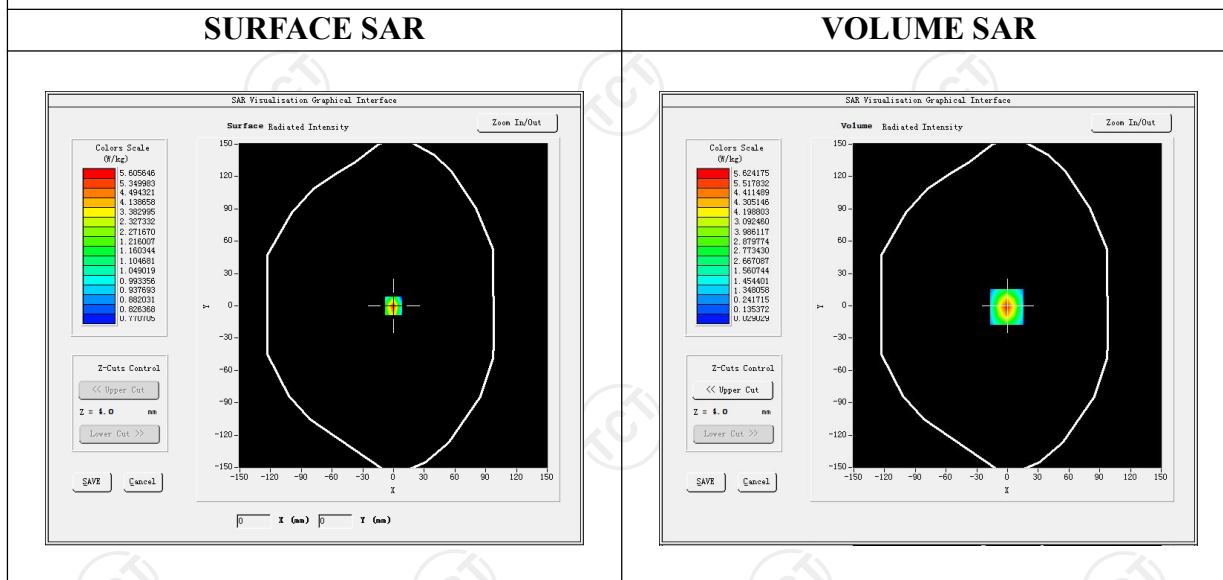
Date of measurement: 02/28/2023 Test mode: 5800MHz (Body)

Product Description: Validation

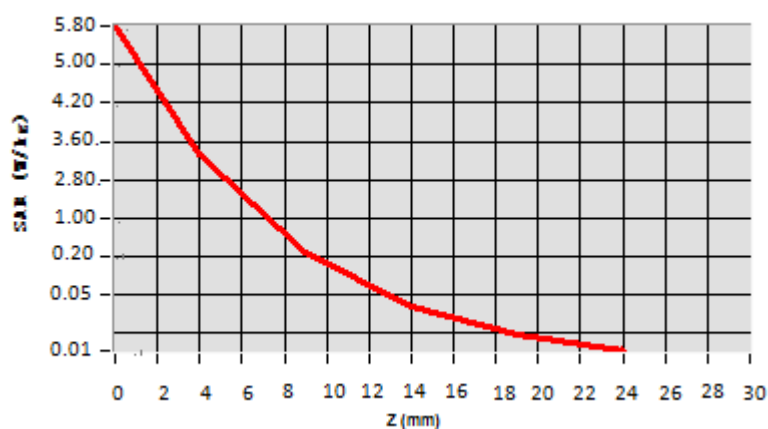
Dipole Model: SID5000

E-Field Probe: SSE2 (SN 36/20 EPGO346)

Phantom	Validation plane
Input Power	100mW
Crest Factor	1.0
Probe Conversion factor	2.13
Frequency (MHz)	5800.000000
Relative permittivity (real part)	47.593887
Relative permittivity (imaginary part)	14.935214
Conductivity (S/m)	5.954821
Variation (%)	-1.420000
SAR 10g (W/Kg)	6.182177
SAR 1g (W/Kg)	18.304098



Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	5.7721	3.2210	0.1937	0.0321	0.0203



Hot spot position



12. SAR Test Data

SAR Measurement at GPRS850 (Cheek, Right)

Date of measurement: 23/02/2023

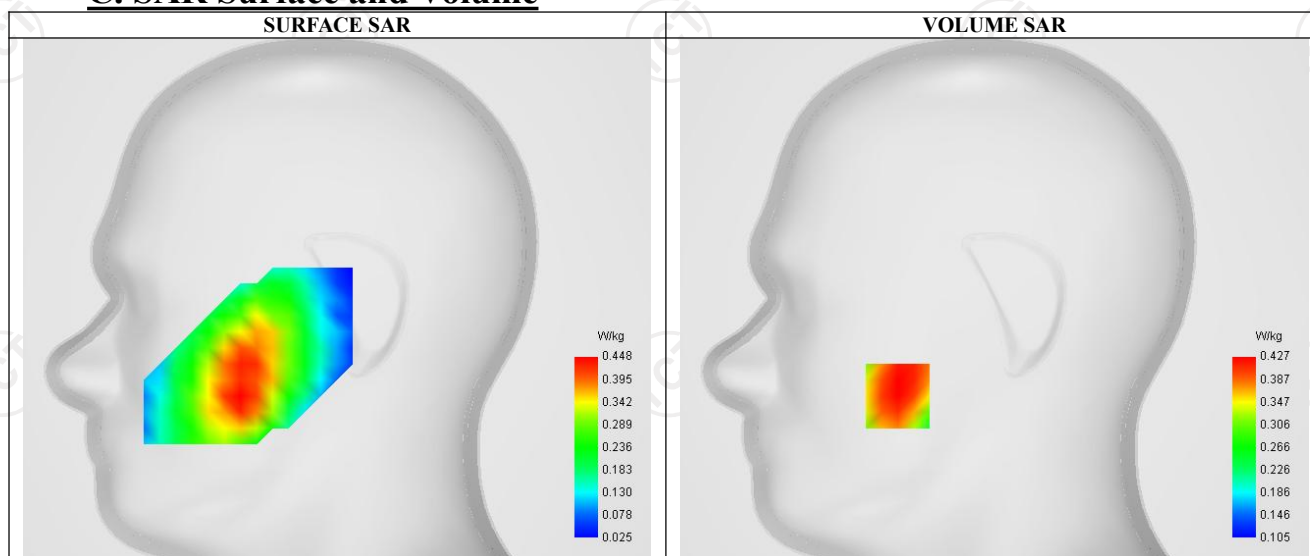
A. Experimental conditions.

Probe	SN 36/20 EPG0346
ConvF	1.86
Area Scan	sam_direct droit2 surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	GPRS850
Channels	Middle (190)
Signal	TDMA (GPRS)
Modulation	GMSK (CS-1)
TX-slots	4

B. Permittivity

Frequency (MHz)	836.600
Relative permittivity (real part)	55.242
Relative permittivity (imaginary part)	21.378
Conductivity (S/m)	0.939

C. SAR Surface and Volume

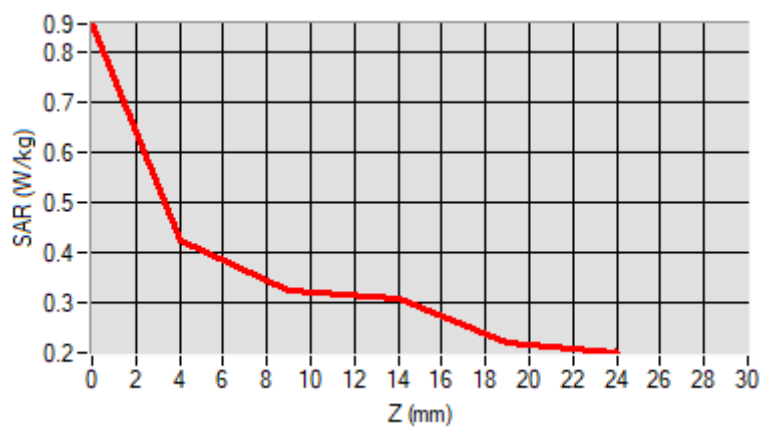


D. SAR 1g & 10g

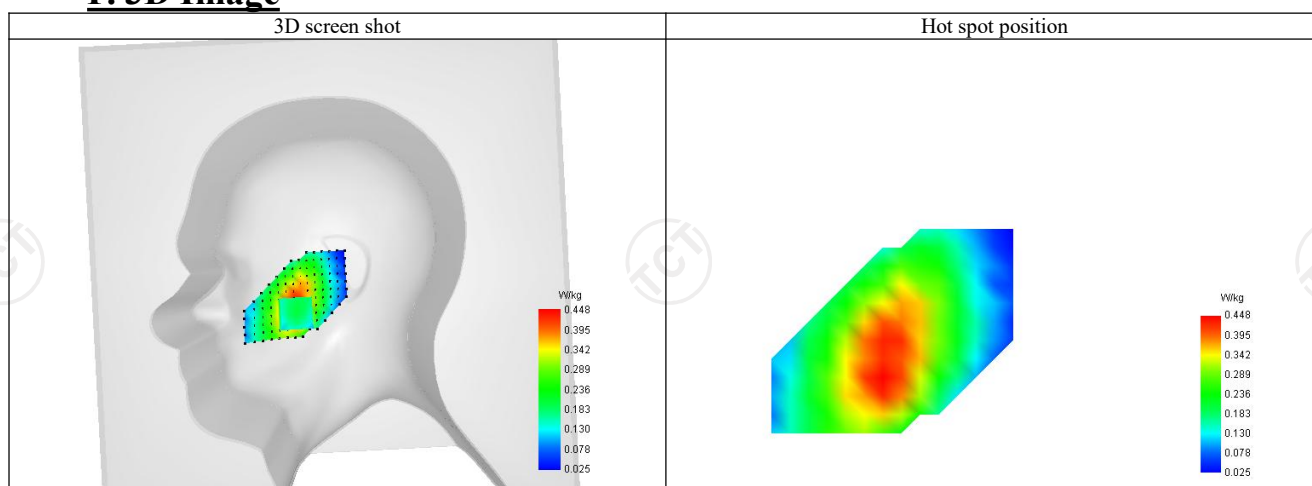
SAR 10g (W/Kg)	0.341
SAR 1g (W/Kg)	0.433
Variation (%)	-2.880
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.857	0.427	0.326	0.308	0.221



F. 3D Image



SAR Measurement at GPRS850 (Body, Validation Plane)

Date of measurement: 23/02/2023

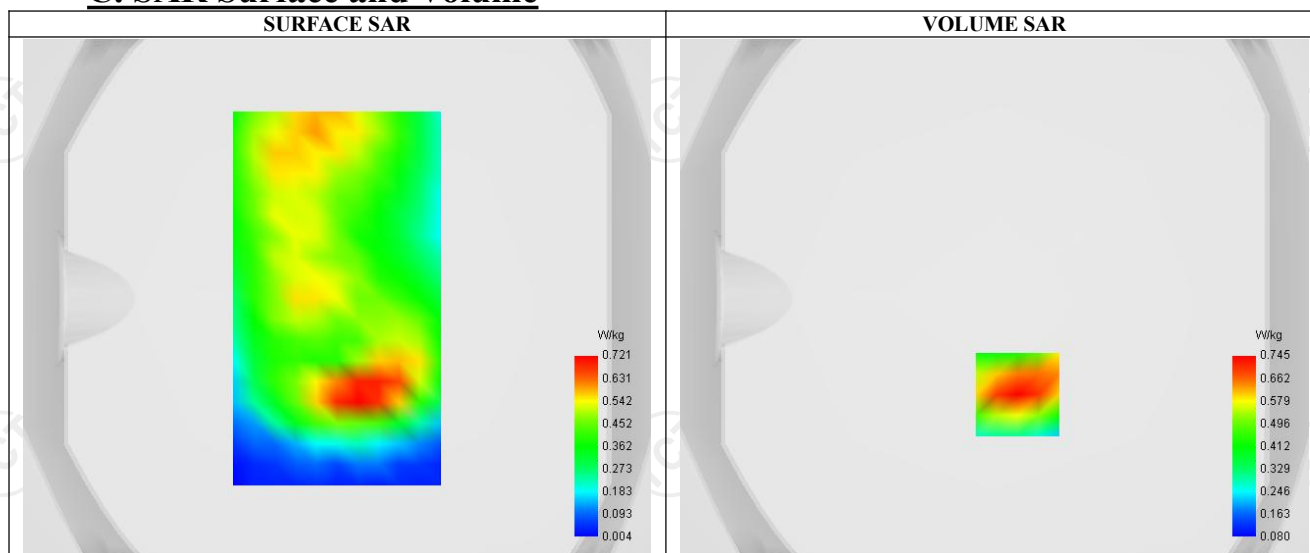
A. Experimental conditions.

Probe	SN 36/20 EPG0346
ConvF	1.86
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	GPRS850
Channels	Middle (190)
Signal	TDMA (GPRS)
Modulation	GMSK (CS-1)
TX-slots	4

B. Permittivity

Frequency (MHz)	836.600
Relative permittivity (real part)	55.242
Relative permittivity (imaginary part)	21.378
Conductivity (S/m)	0.939

C. SAR Surface and Volume

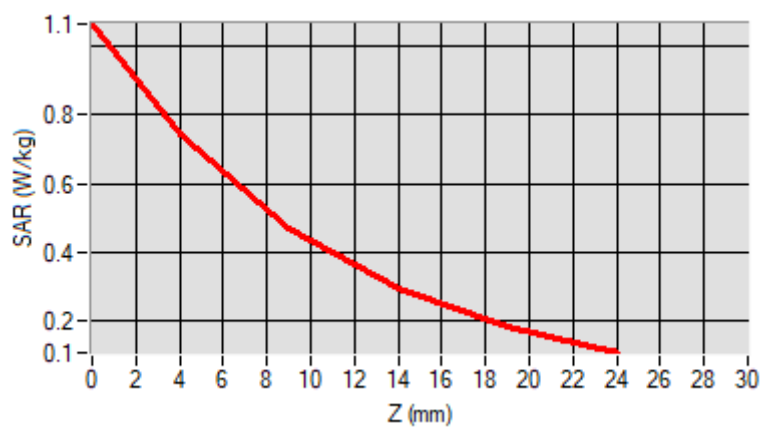


D. SAR 1g & 10g

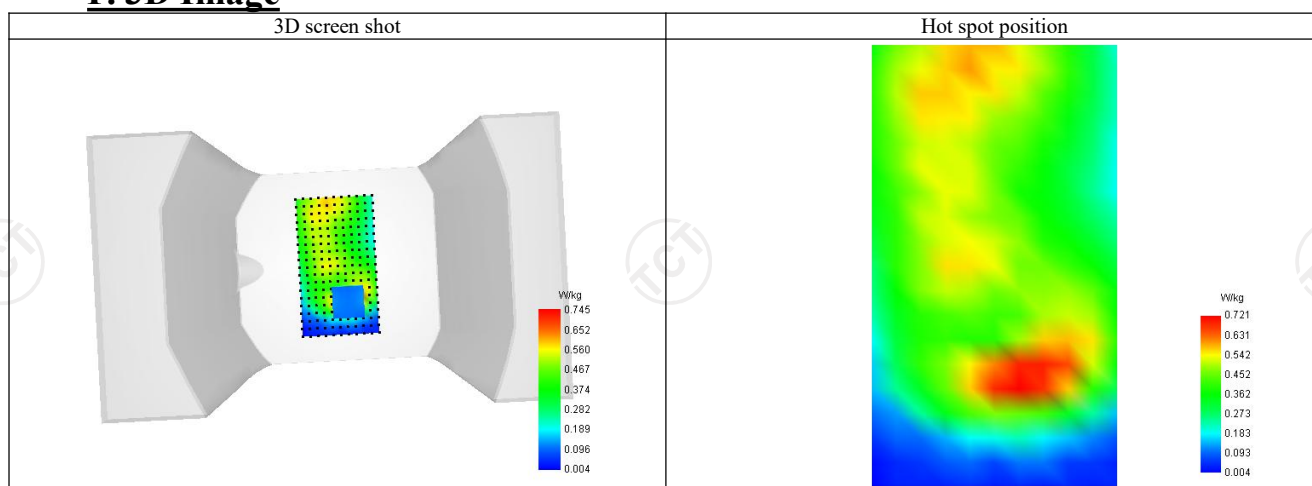
SAR 10g (W/Kg)	0.431
SAR 1g (W/Kg)	0.728
Variation (%)	0.590
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.063	0.745	0.469	0.293	0.183



F. 3D Image



SAR Measurement at GPRS1900 (Cheek, Right)

Date of measurement: 24/02/2023

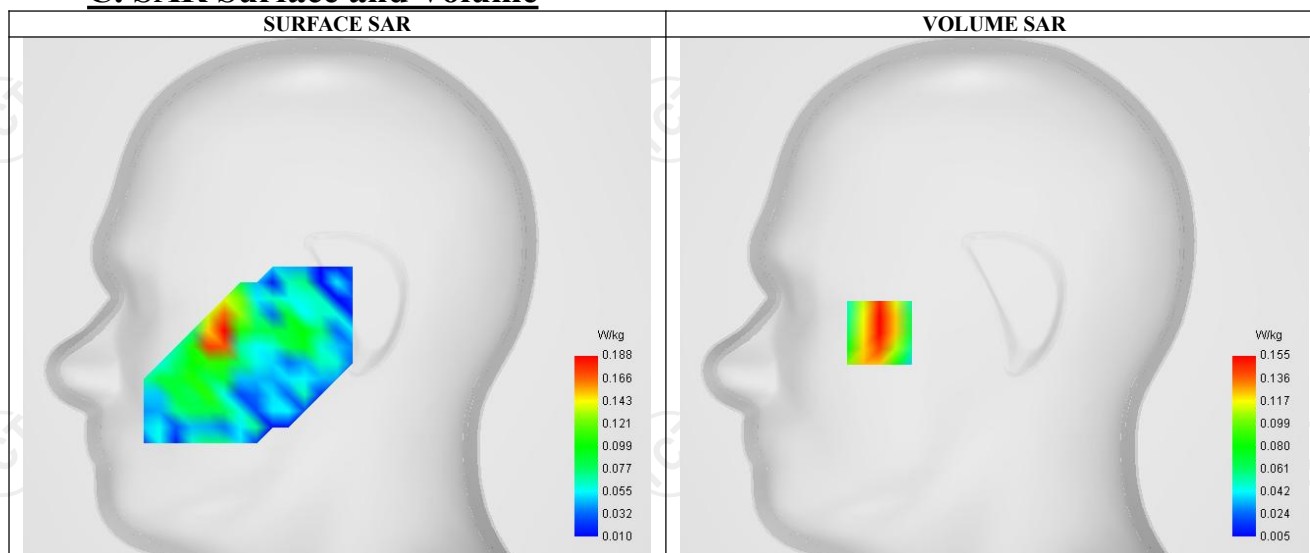
A. Experimental conditions.

Probe	SN 36/20 EPG0346
ConvF	2.32
Area Scan	sam_direct droit2 surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	GPRS1900
Channels	Middle (661)
Signal	TDMA (GPRS)
Modulation	GMSK (CS-1)
TX-slots	4

B. Permittivity

Frequency (MHz)	1880.000
Relative permittivity (real part)	52.250
Relative permittivity (imaginary part)	15.200
Conductivity (S/m)	1.560

C. SAR Surface and Volume



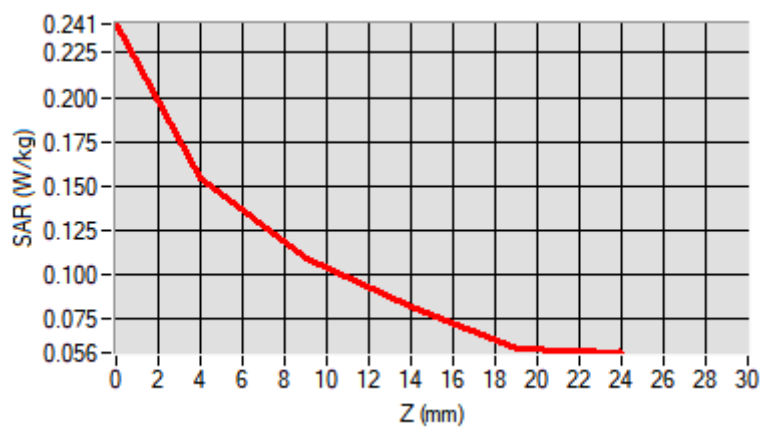
Maximum location: X=-57.00, Y=-17.00 ; SAR Peak: 0.26 W/kg

D. SAR 1g & 10g

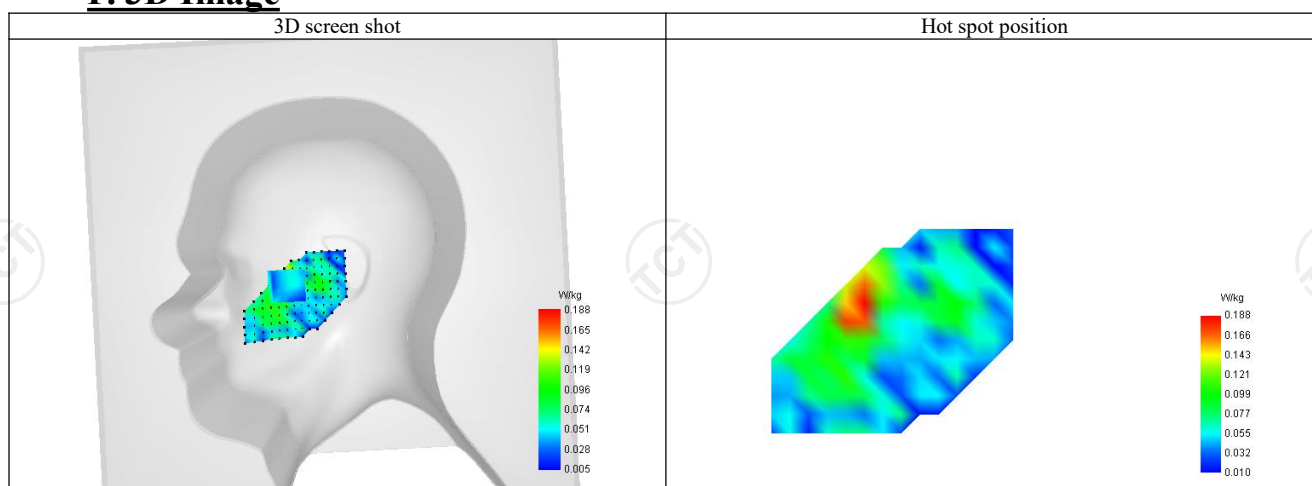
SAR 10g (W/Kg)	0.103
SAR 1g (W/Kg)	0.158
Variation (%)	-3.270
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.241	0.155	0.109	0.083	0.058



F. 3D Image



SAR Measurement at GPRS1900 (Body, Validation Plane)

Date of measurement: 24/02/2023

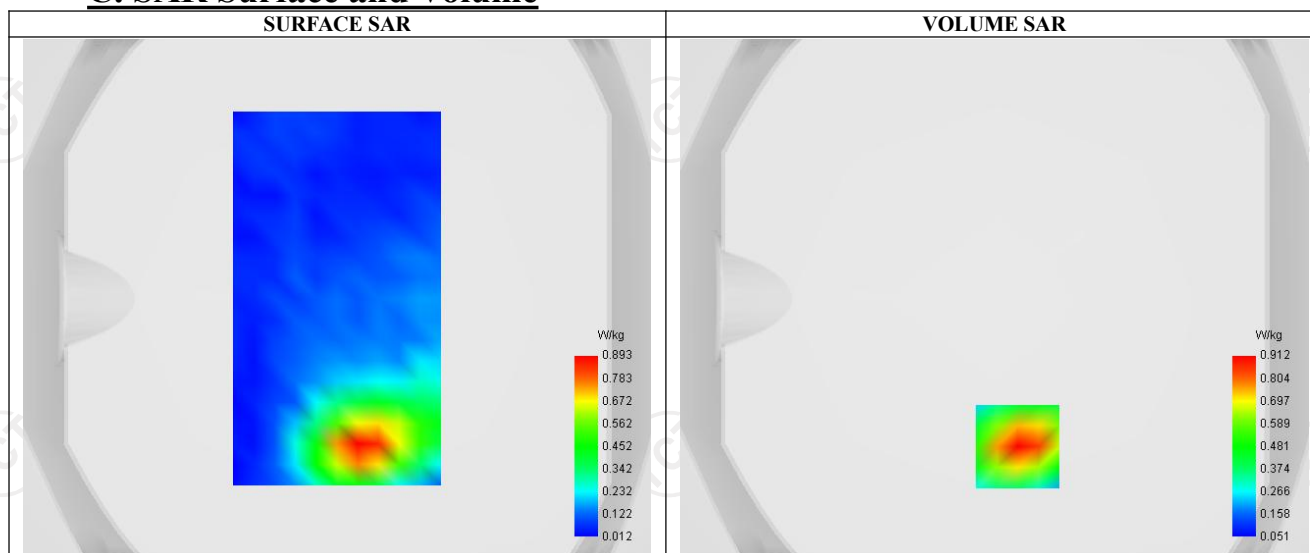
A. Experimental conditions.

Probe	SN 36/20 EPG0346
ConvF	2.32
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	GPRS1900
Channels	Middle (661)
Signal	TDMA (GPRS)
Modulation	GMSK (CS-1)
TX-slots	4

B. Permittivity

Frequency (MHz)	1880.000
Relative permittivity (real part)	52.250
Relative permittivity (imaginary part)	15.200
Conductivity (S/m)	1.560

C. SAR Surface and Volume

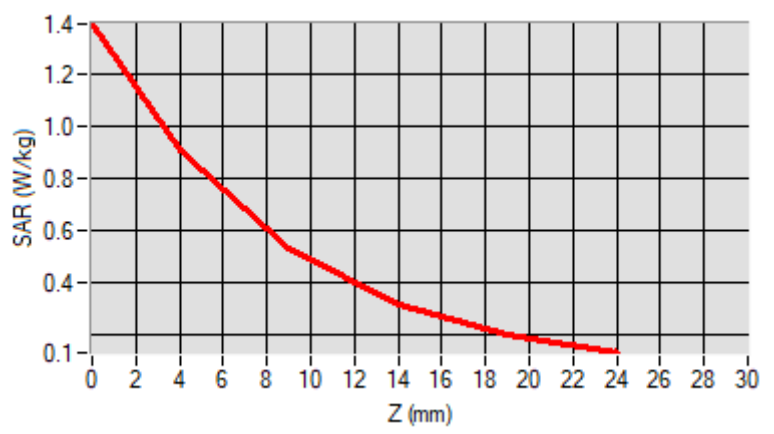


D. SAR 1g & 10g

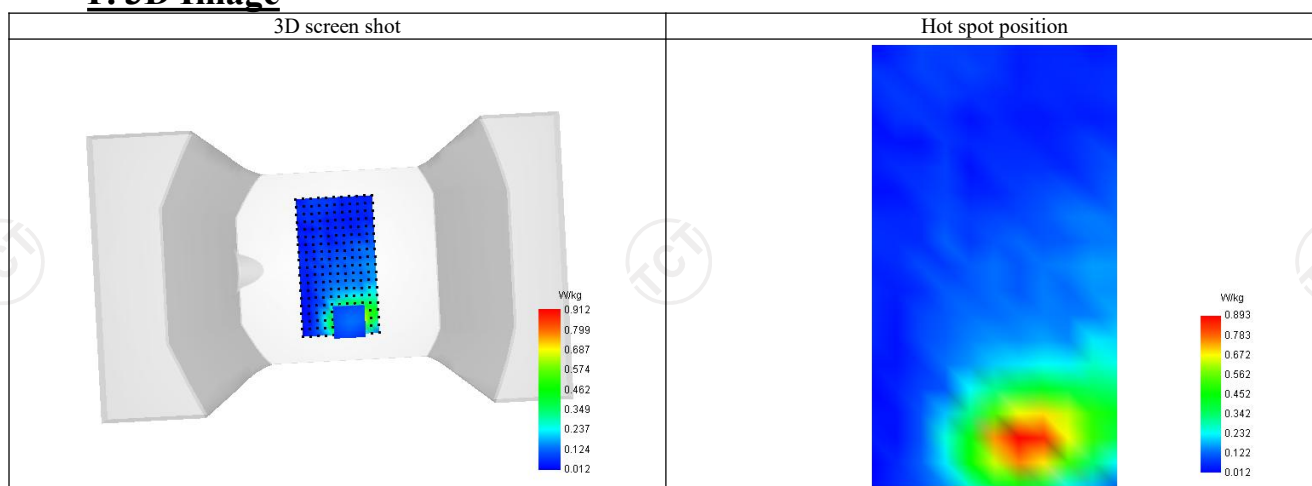
SAR 10g (W/Kg)	0.474
SAR 1g (W/Kg)	0.850
Variation (%)	1.730
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.393	0.912	0.531	0.318	0.204



F. 3D Image



SAR Measurement at Band 2 (1900) (Cheek, Right)

Date of measurement: 24/02/2023

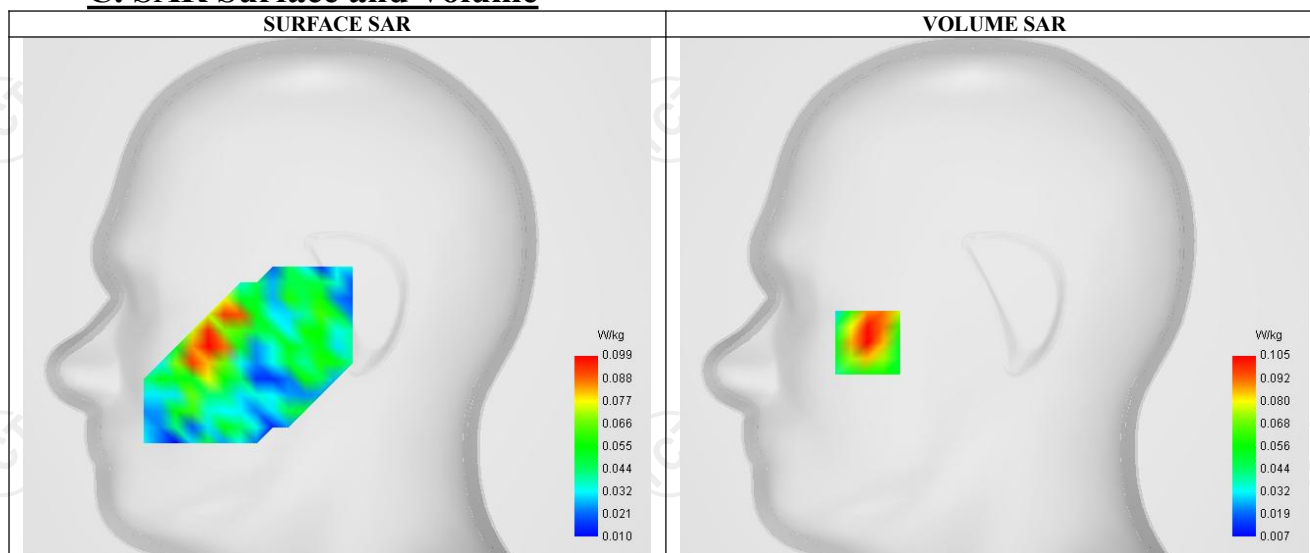
A. Experimental conditions.

Probe	SN 36/20 EPG0346
ConvF	2.32
Area Scan	sam_direct droit2 surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	Band 2 (1900)
Channels	Middle (9400)
Signal	WCDMA
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Frequency (MHz)	1880.000
Relative permittivity (real part)	52.250
Relative permittivity (imaginary part)	15.200
Conductivity (S/m)	1.560

C. SAR Surface and Volume



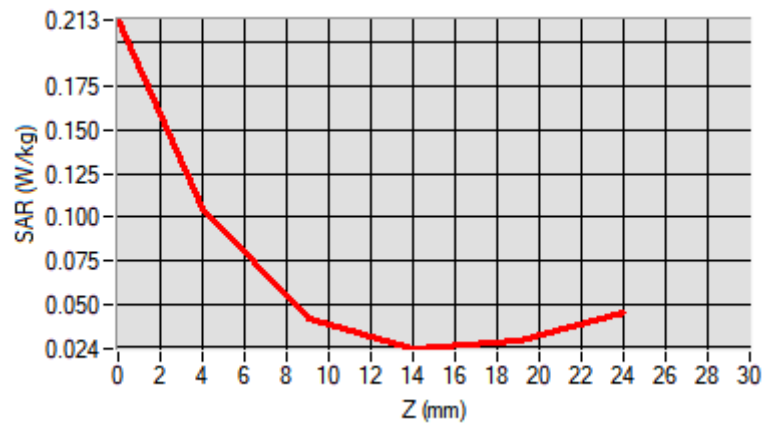
Maximum location: X=-63.00, Y=-22.00 ; SAR Peak: 0.21 W/kg

D. SAR 1g & 10g

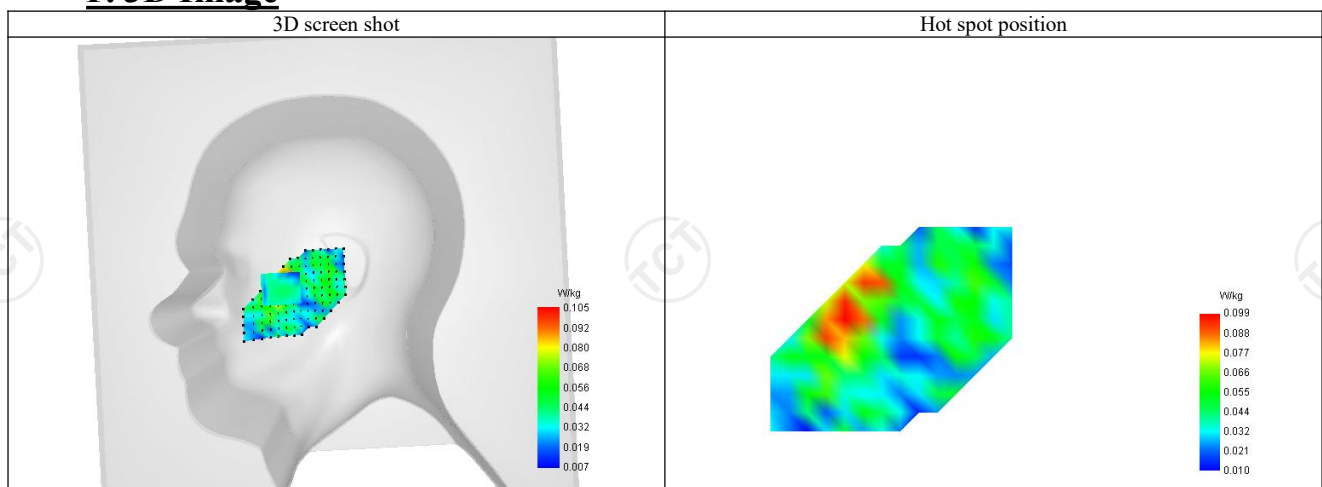
SAR 10g (W/Kg)	0.059
SAR 1g (W/Kg)	0.107
Variation (%)	-2.770
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.213	0.105	0.042	0.024	0.028



F. 3D Image



SAR Measurement at Band 2 (1900) (Body, Validation Plane)

Date of measurement: 24/02/2023

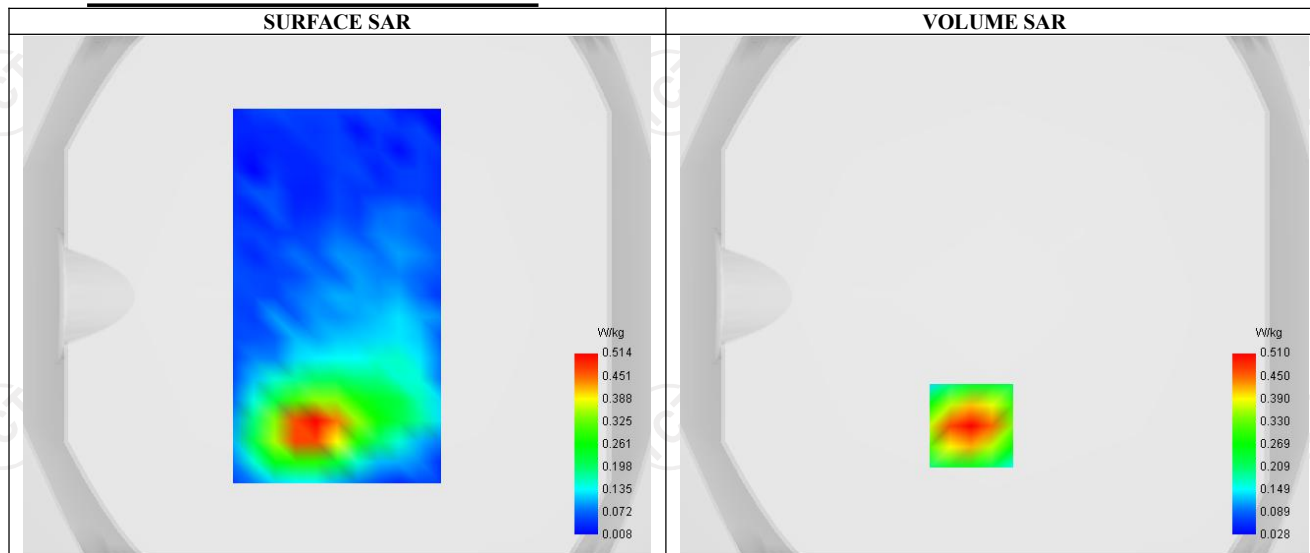
A. Experimental conditions.

Probe	SN 36/20 EPG0346
ConvF	2.32
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	Band 2 (1900)
Channels	Middle (9400)
Signal	WCDMA
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Frequency (MHz)	1880.000
Relative permittivity (real part)	52.250
Relative permittivity (imaginary part)	15.200
Conductivity (S/m)	1.560

C. SAR Surface and Volume

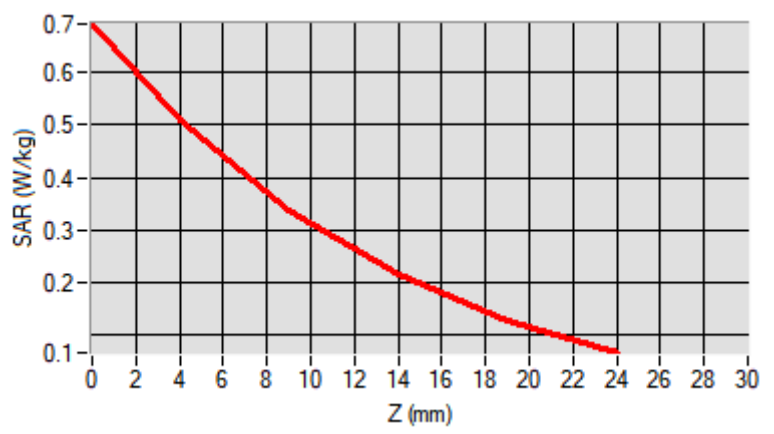


D. SAR 1g & 10g

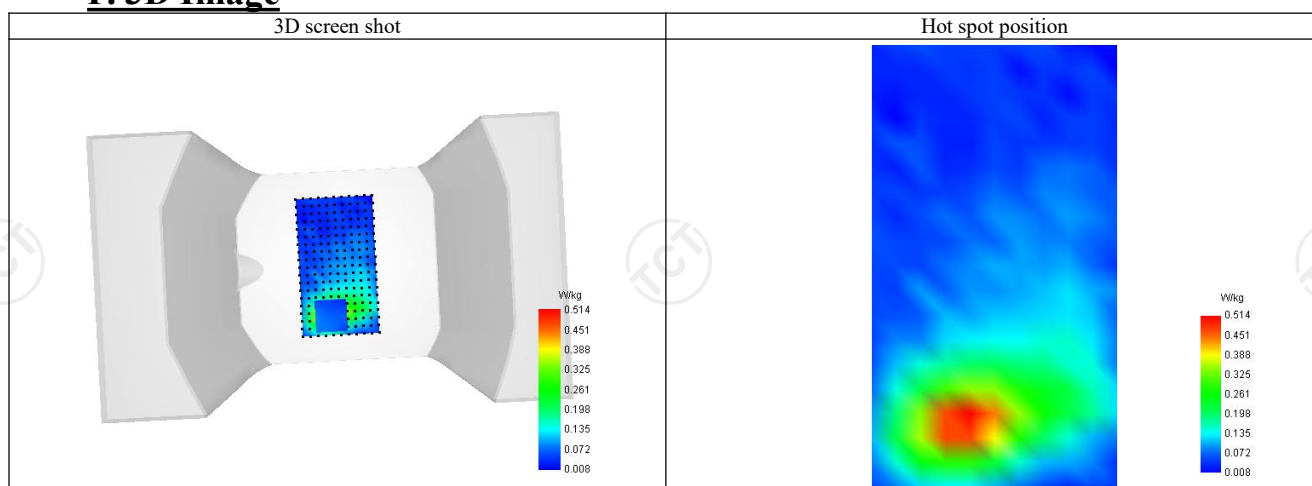
SAR 10g (W/Kg)	0.280
SAR 1g (W/Kg)	0.475
Variation (%)	-1.360
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.691	0.510	0.338	0.215	0.129



F. 3D Image



SAR Measurement at Band 4 (1700) (Cheek, Right)

Date of measurement: 24/02/2023

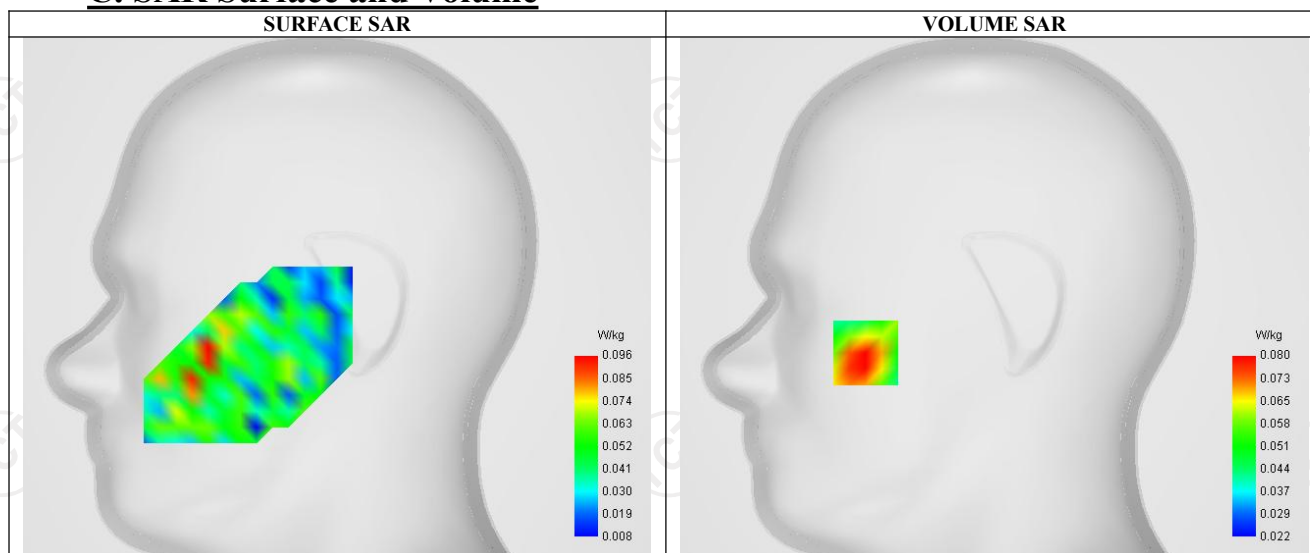
A. Experimental conditions.

Probe	SN 36/20 EPG0346
ConvF	2.16
Area Scan	sam_direct droit2 surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	Band 4 (1700)
Channels	Middle (1450)
Signal	WCDMA
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Frequency (MHz)	1740.000
Relative permittivity (real part)	53.314
Relative permittivity (imaginary part)	15.118
Conductivity (S/m)	1.509

C. SAR Surface and Volume



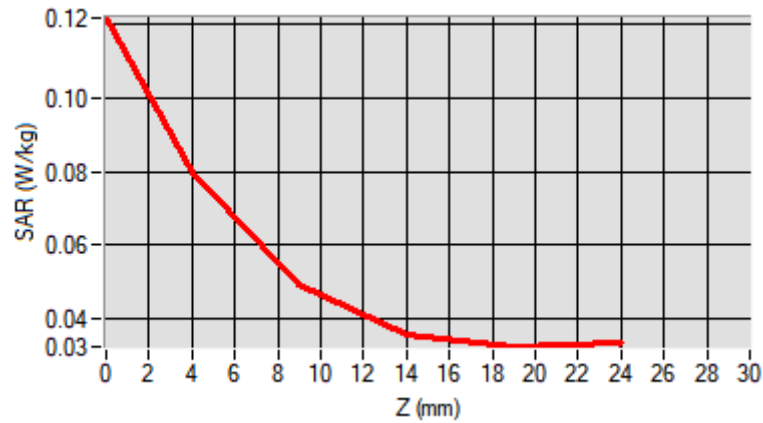
Maximum location: X=-64.00, Y=-27.00 ; SAR Peak: 0.13 W/kg

D. SAR 1g & 10g

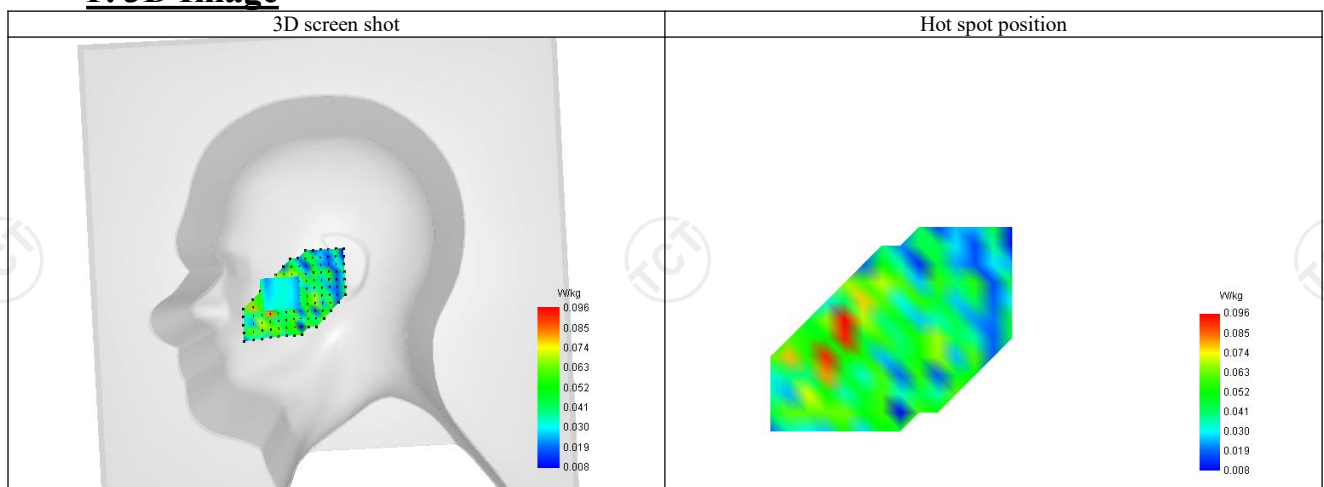
SAR 10g (W/Kg)	0.052
SAR 1g (W/Kg)	0.078
Variation (%)	-1.450
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.122	0.080	0.049	0.036	0.032



F. 3D Image



SAR Measurement at Band 4 (1700) (Body, Validation Plane)

Date of measurement: 24/02/2023

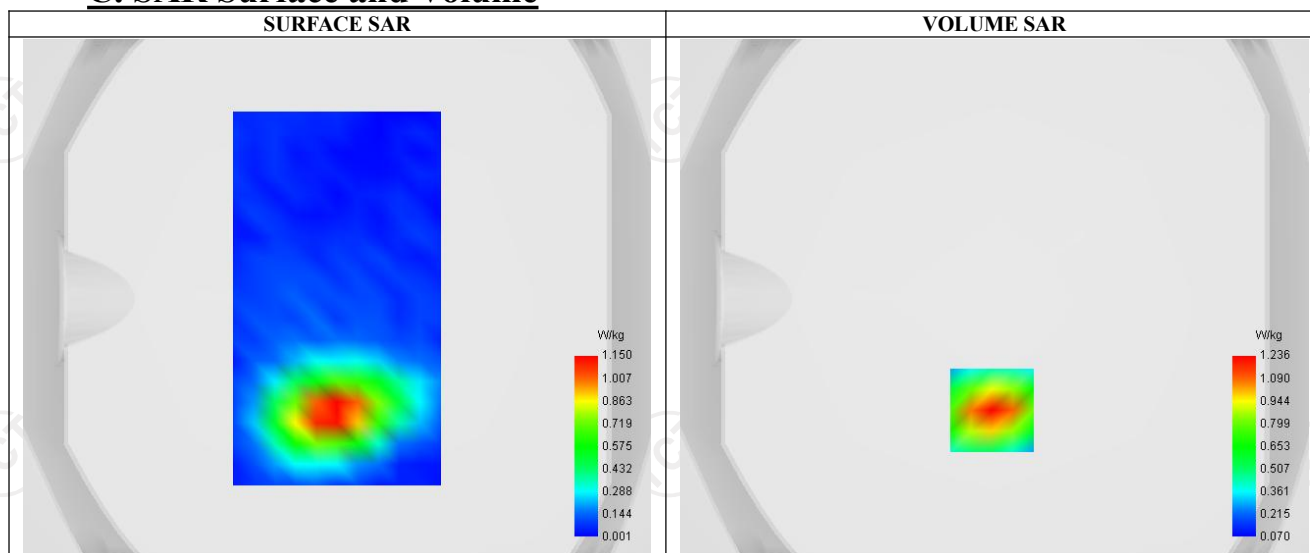
A. Experimental conditions.

Probe	SN 36/20 EPG0346
ConvF	2.16
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	Band 4 (1700)
Channels	Middle (1450)
Signal	WCDMA
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Frequency (MHz)	1740.000
Relative permittivity (real part)	53.314
Relative permittivity (imaginary part)	15.118
Conductivity (S/m)	1.509

C. SAR Surface and Volume



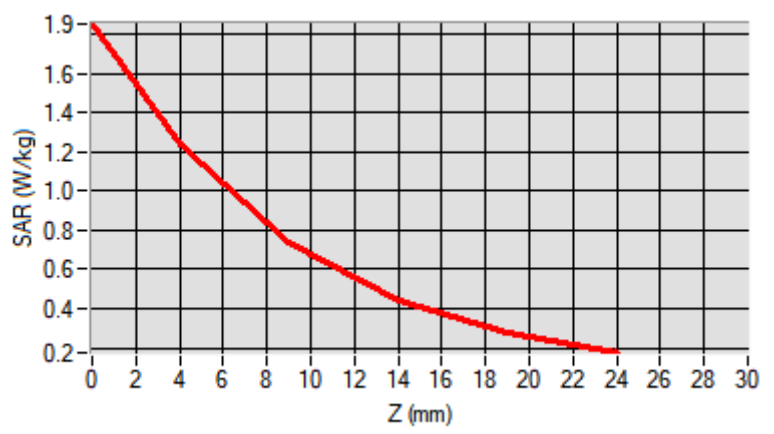
Maximum location: X=-1.00, Y=-43.00 ; SAR Peak: 1.85 W/kg

D. SAR 1g & 10g

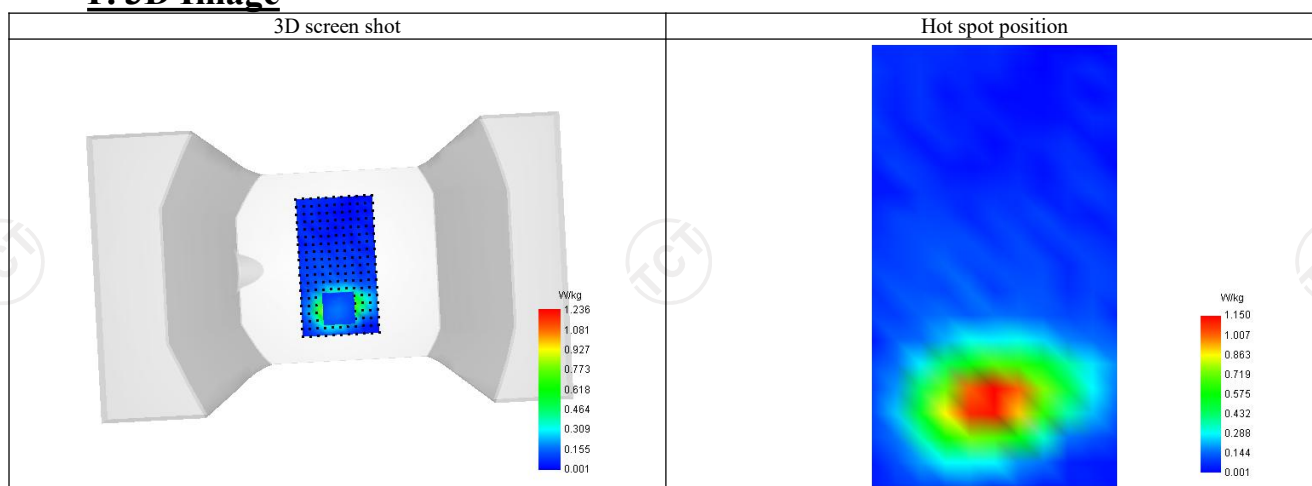
SAR 10g (W/Kg)	0.628
SAR 1g (W/Kg)	1.075
Variation (%)	2.180
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.851	1.236	0.735	0.444	0.280



F. 3D Image



SAR Measurement at Band 5 (850) (Cheek, Right)

Date of measurement: 23/02/2023

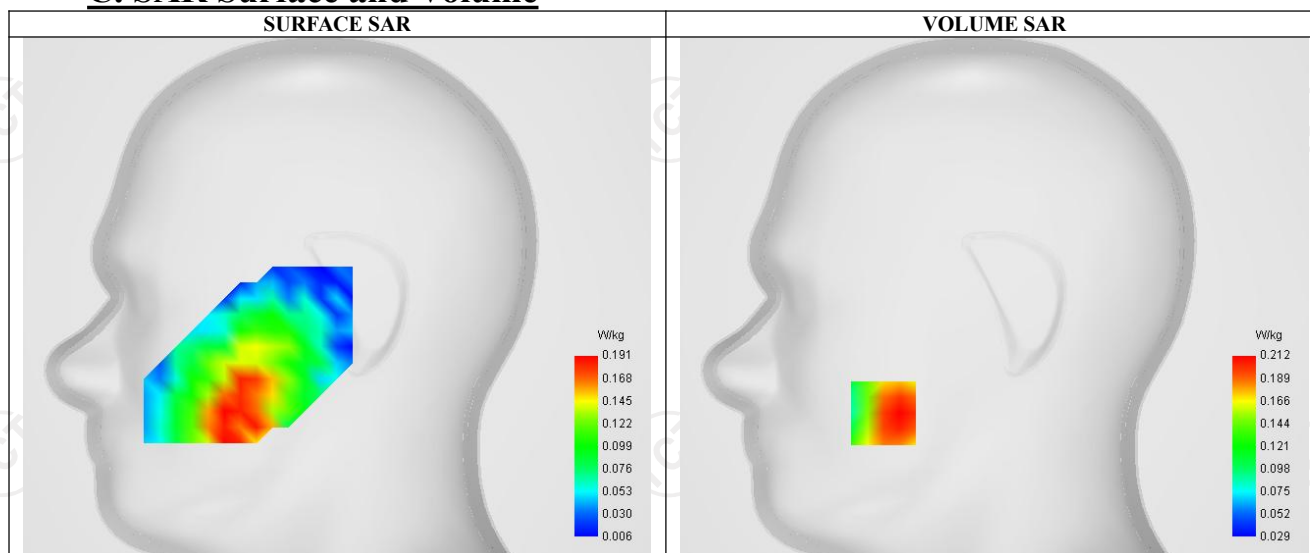
A. Experimental conditions.

Probe	SN 36/20 EPG0346
ConvF	1.86
Area Scan	sam_direct droit2 surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	Band 5 (850)
Channels	Middle (4183)
Signal	WCDMA
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Frequency (MHz)	836.600
Relative permittivity (real part)	55.242
Relative permittivity (imaginary part)	21.378
Conductivity (S/m)	0.939

C. SAR Surface and Volume



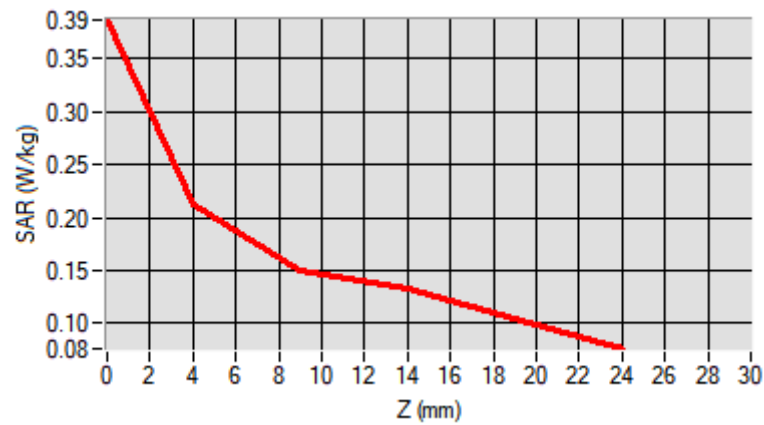
Maximum location: X=-55.00, Y=-57.00 ; SAR Peak: 0.28 W/kg

D. SAR 1g & 10g

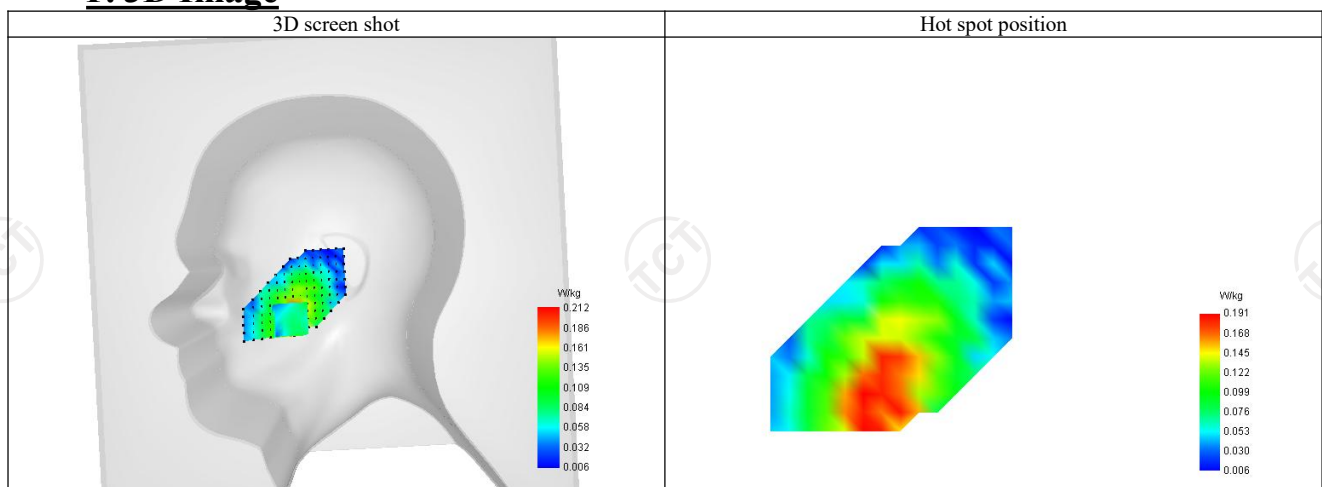
SAR 10g (W/Kg)	0.163
SAR 1g (W/Kg)	0.215
Variation (%)	-1.960
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.386	0.212	0.150	0.134	0.104



F. 3D Image



SAR Measurement at Band 5 (850) (Body, Validation Plane)

Date of measurement: 23/02/2023

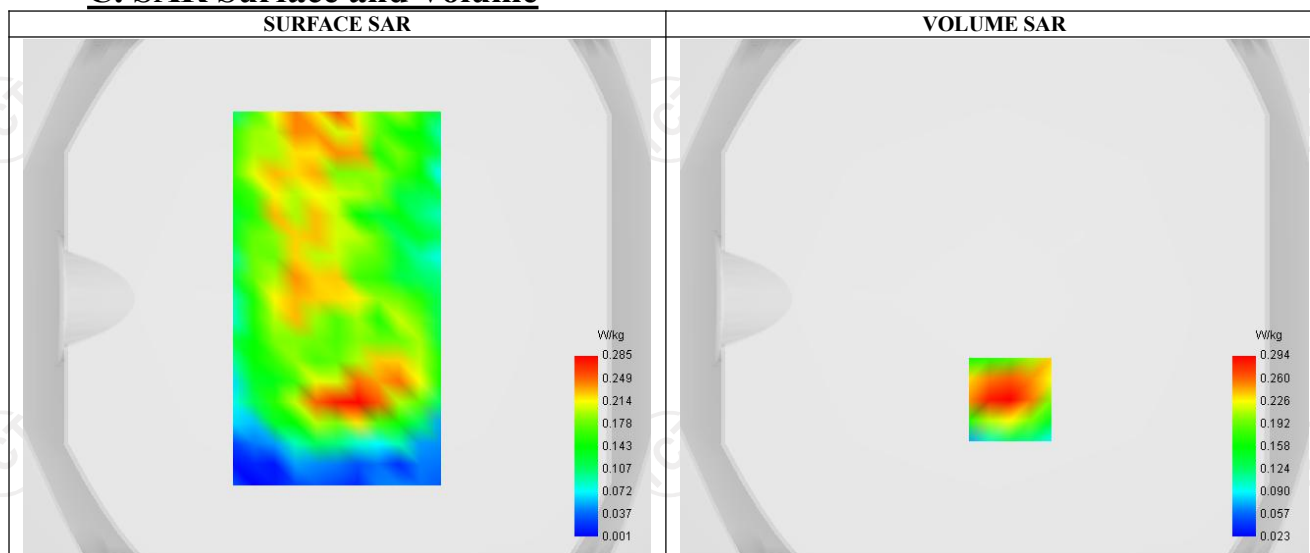
A. Experimental conditions.

Probe	SN 36/20 EPG0346
ConvF	1.86
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	Band 5 (850)
Channels	Middle (4183)
Signal	WCDMA
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Frequency (MHz)	836.600
Relative permittivity (real part)	55.242
Relative permittivity (imaginary part)	21.378
Conductivity (S/m)	0.939

C. SAR Surface and Volume

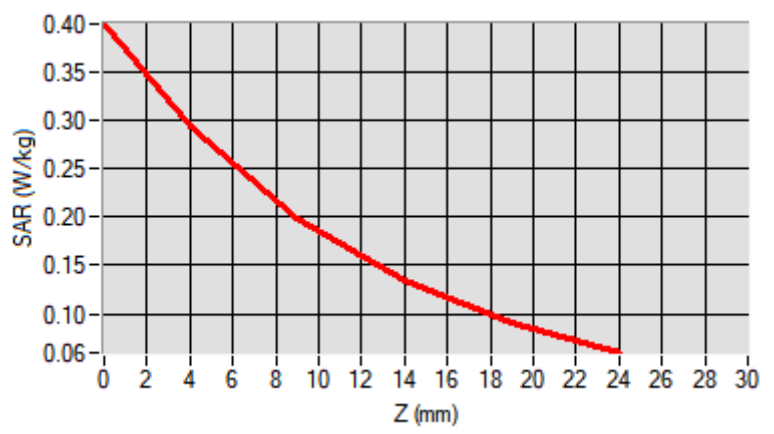


D. SAR 1g & 10g

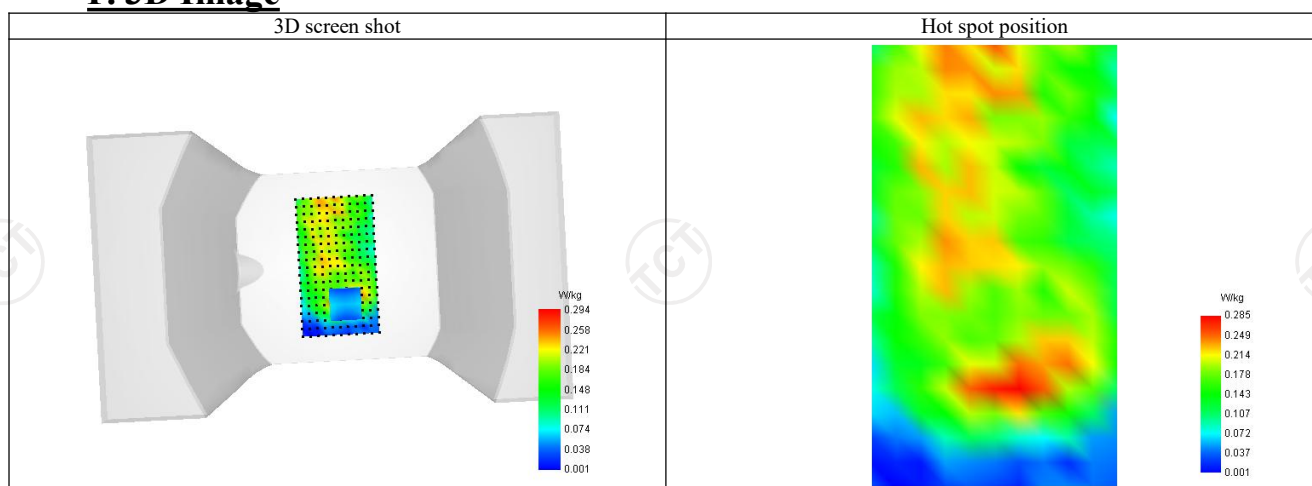
SAR 10g (W/Kg)	0.176
SAR 1g (W/Kg)	0.291
Variation (%)	2.740
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.399	0.294	0.199	0.135	0.091



F. 3D Image



SAR Measurement at Bluetooth (Cheek, Left)

Date of measurement: 27/02/2023

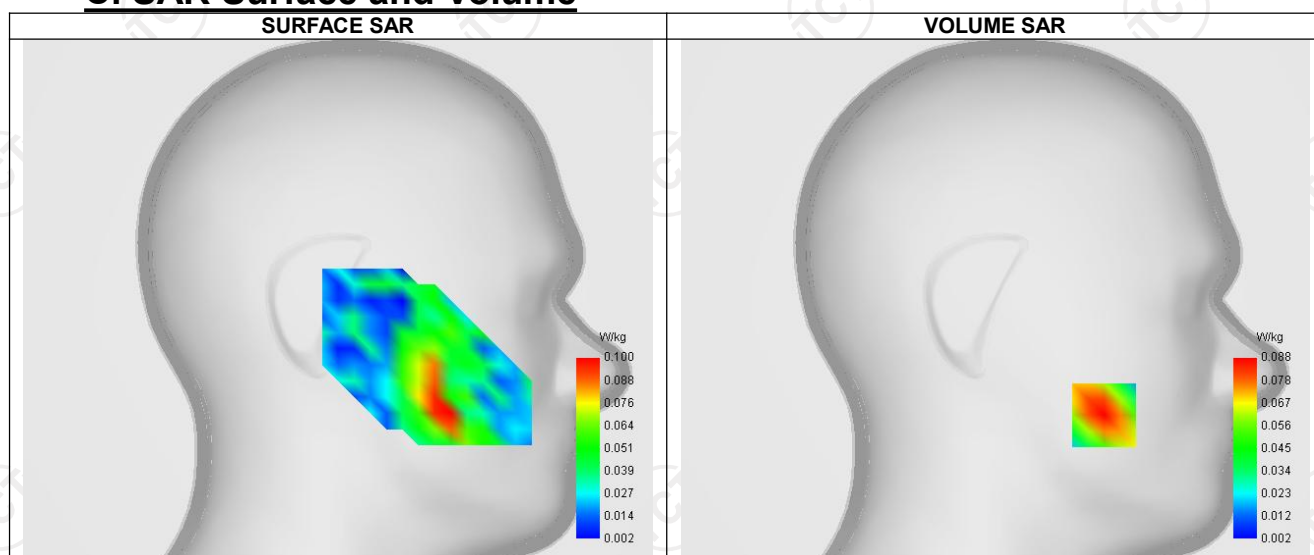
A. Experimental conditions.

Probe	SN 36/20 EPG0346
ConvF	2.37
Area Scan	sam_direct_droit2_surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Left head
Device Position	Cheek
Band	Bluetooth
Channels	Lower (1)
Signal	Bluetooth

B. Permittivity

Frequency (MHz)	2402.000
Relative permittivity (real part)	51.960
Relative permittivity (imaginary part)	14.930
Conductivity (S/m)	1.972

C. SAR Surface and Volume



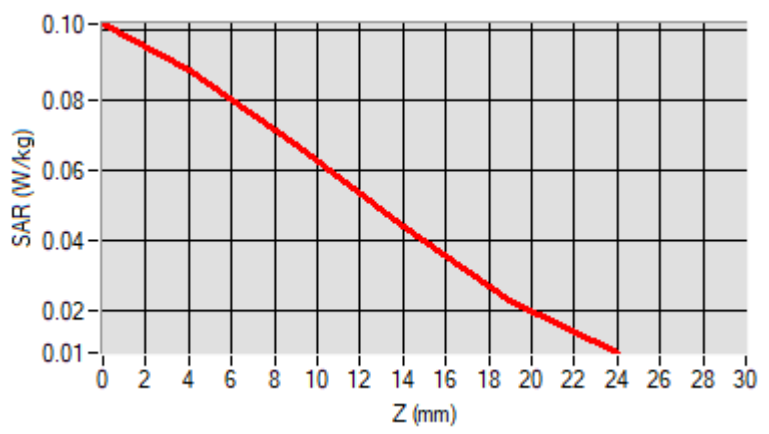
Maximum location: X=-54.00, Y=-57.00 ; SAR Peak: 0.12 W/kg

D. SAR 1g & 10g

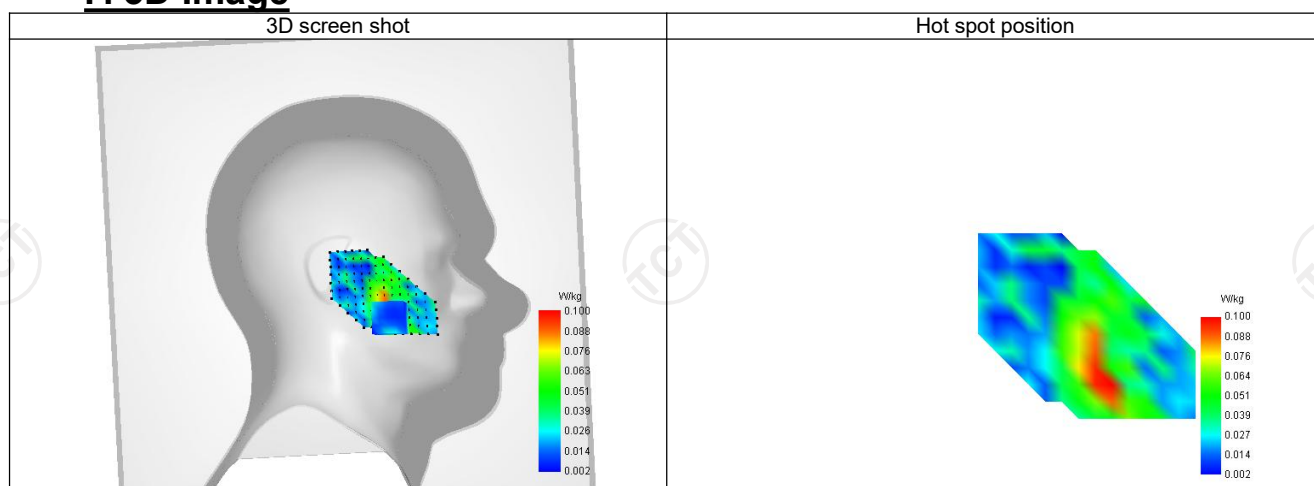
SAR 10g (W/Kg)	0.054
SAR 1g (W/Kg)	0.085
Variation (%)	-0.280
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.102	0.088	0.067	0.044	0.023



F. 3D Image



SAR Measurement at IEEE 802.11b ISM (Tilt, Right)

Date of measurement: 27/02/2023

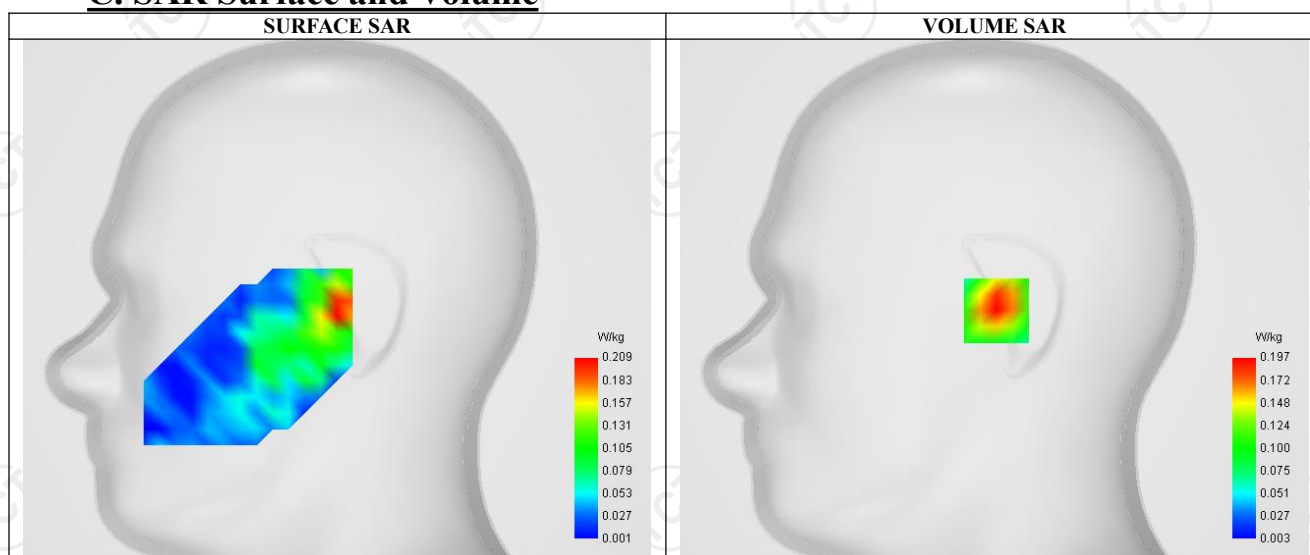
A. Experimental conditions.

Probe	SN 36/20 EPGO346
ConvF	2.37
Area Scan	sam_direct droit2 surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Tilt
Band	IEEE 802.11b ISM
Channels	Middle (6)
Signal	IEEE 802.11

B. Permittivity

Frequency (MHz)	2437.000
Relative permittivity (real part)	51.941
Relative permittivity (imaginary part)	14.930
Conductivity (S/m)	1.982

C. SAR Surface and Volume



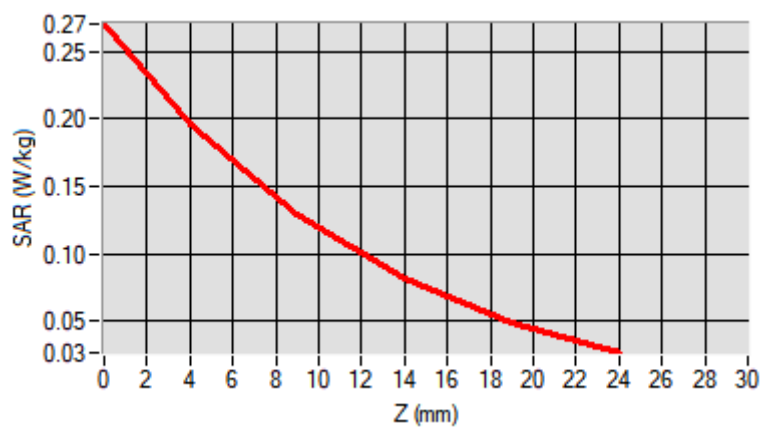
Maximum location: X=1.00, Y=-5.00 ; SAR Peak: 0.28 W/kg

D. SAR 1g & 10g

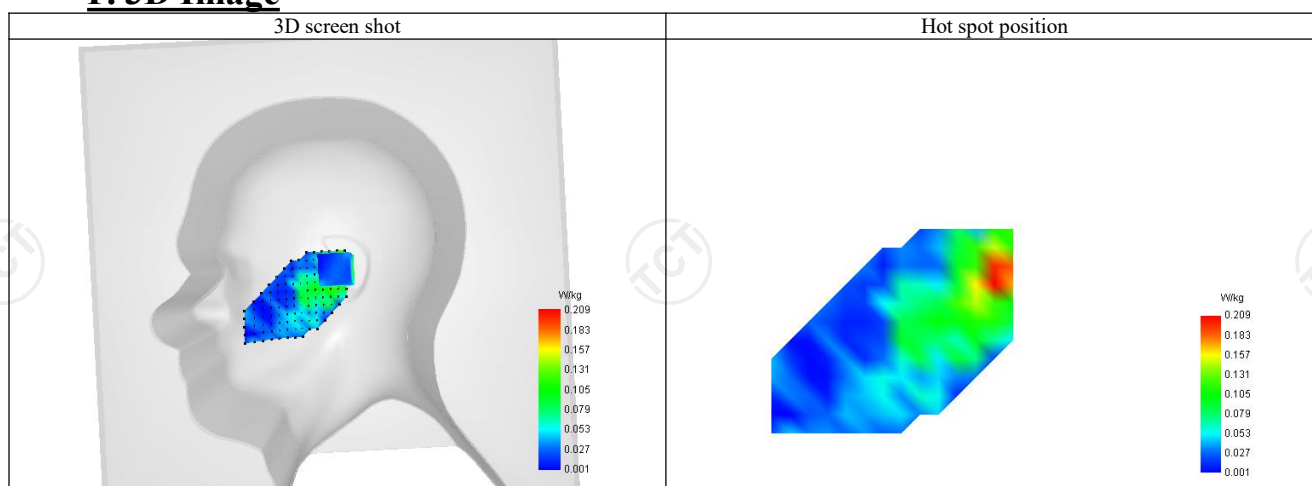
SAR 10g (W/Kg)	0.108
SAR 1g (W/Kg)	0.186
Variation (%)	-1.340
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.271	0.197	0.128	0.081	0.049



F. 3D Image



SAR Measurement at IEEE 802.11b ISM (Body, Validation Plane)

Date of measurement: 27/02/2023

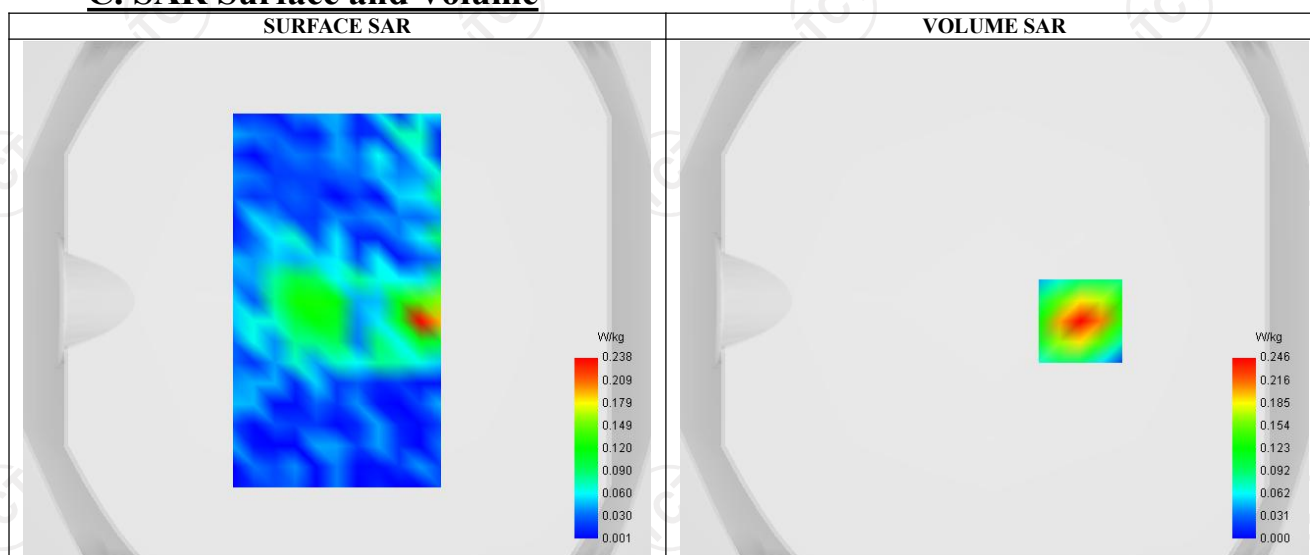
A. Experimental conditions.

Probe	SN 36/20 EPG0346
ConvF	2.37
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	IEEE 802.11b ISM
Channels	Middle (6)
Signal	IEEE 802.11

B. Permittivity

Frequency (MHz)	2437.000
Relative permittivity (real part)	51.941
Relative permittivity (imaginary part)	14.930
Conductivity (S/m)	1.982

C. SAR Surface and Volume

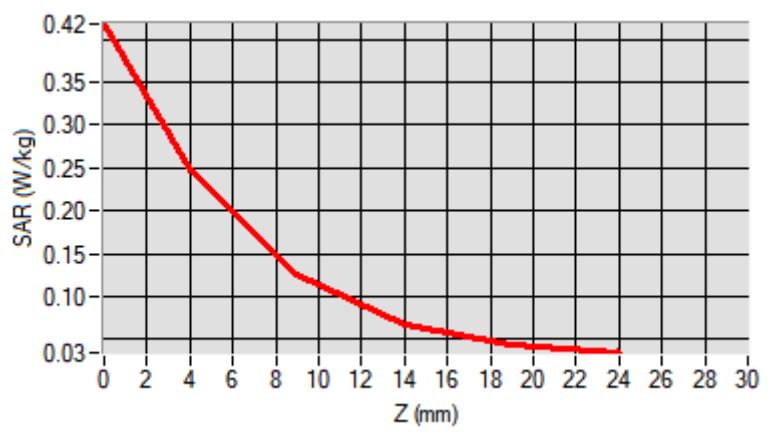


D. SAR 1g & 10g

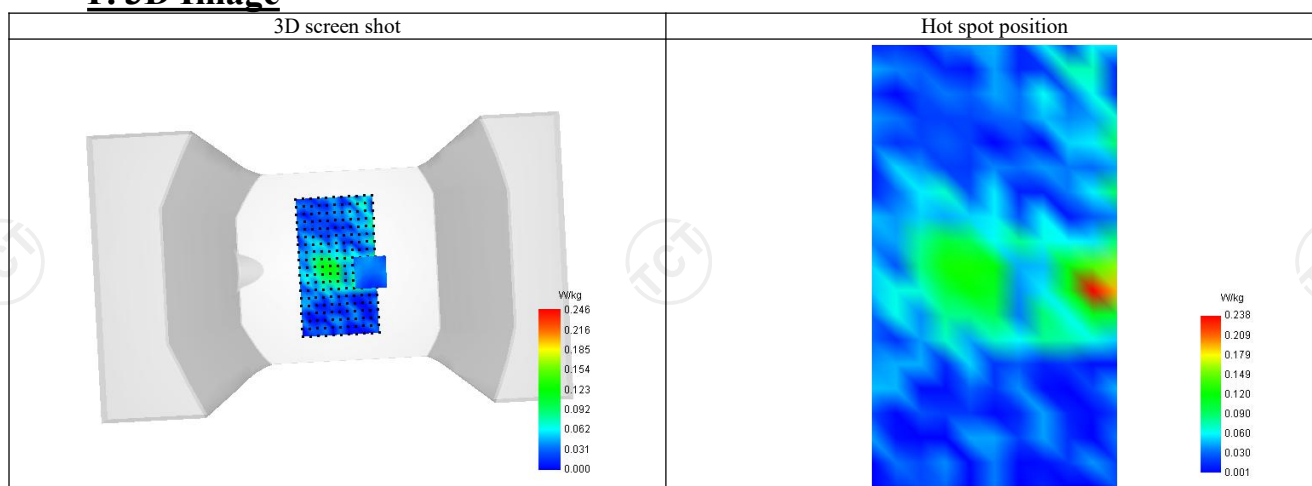
SAR 10g (W/Kg)	0.119
SAR 1g (W/Kg)	0.228
Variation (%)	1.600
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.418	0.246	0.126	0.068	0.044



F. 3D Image



SAR Measurement at IEEE 802.11ac U-NII (Tilt, Right)

Date of measurement: 28/02/2023

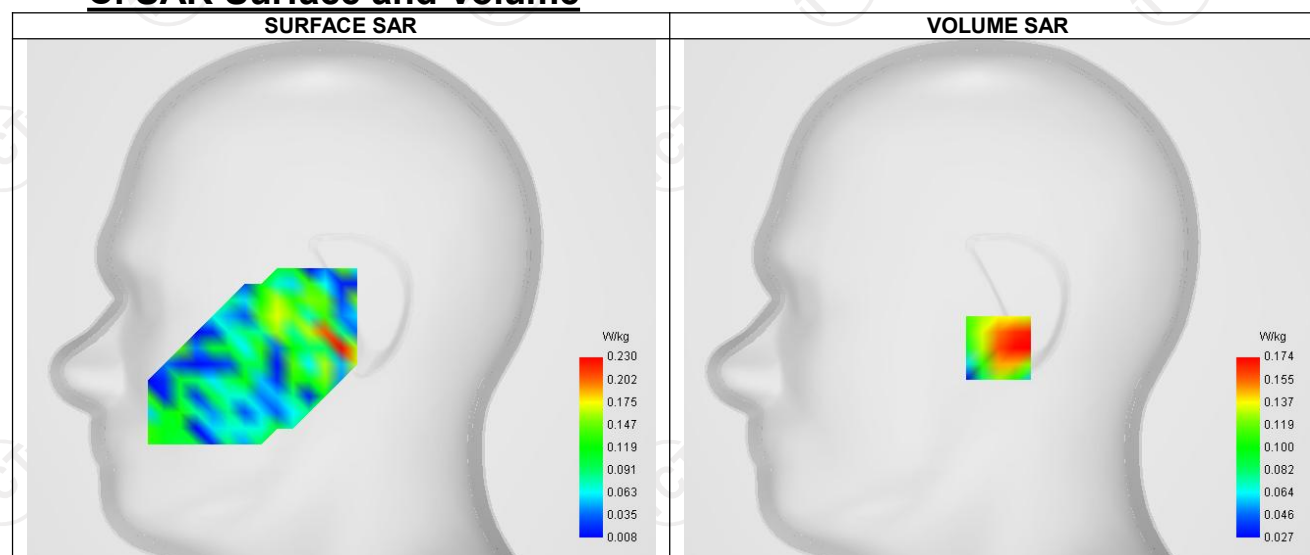
A. Experimental conditions.

Probe	SN 36/20 EPG0346
ConvF	2.08
Area Scan	sam_direct droit2 surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Tilt
Band	IEEE 802.11ac U-NII
Channels	Lower (38)
Signal	IEEE 802.11

B. Permittivity

Frequency (MHz)	5190.000
Relative permittivity (real part)	49.522
Relative permittivity (imaginary part)	21.378
Conductivity (S/m)	5.404

C. SAR Surface and Volume

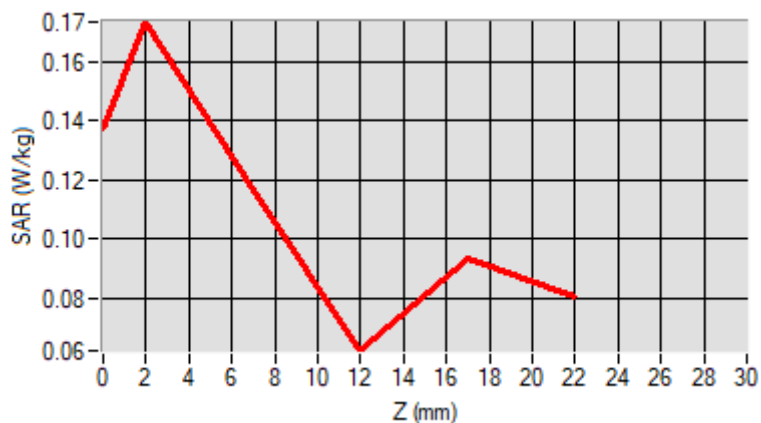


D. SAR 1g & 10g

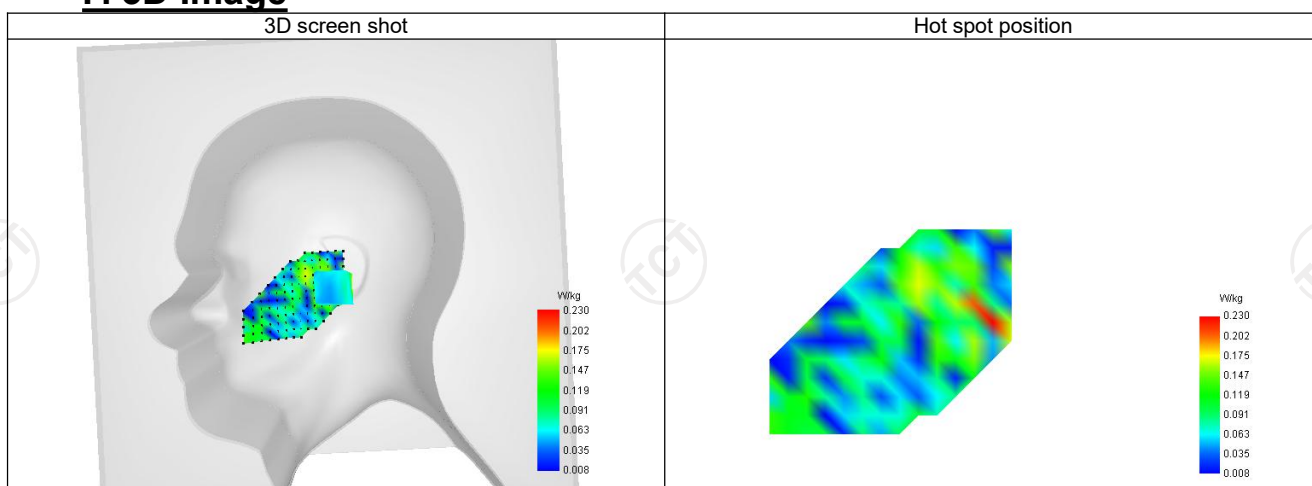
SAR 10g (W/Kg)	0.121
SAR 1g (W/Kg)	0.177
Variation (%)	-2.980
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	2.00	7.00	12.00	17.00
SAR (W/Kg)	0.138	0.174	0.117	0.062	0.094



F. 3D Image



SAR Measurement at IEEE 802.11ac U-NII (Body, Validation Plane)

Date of measurement: 28/02/2023

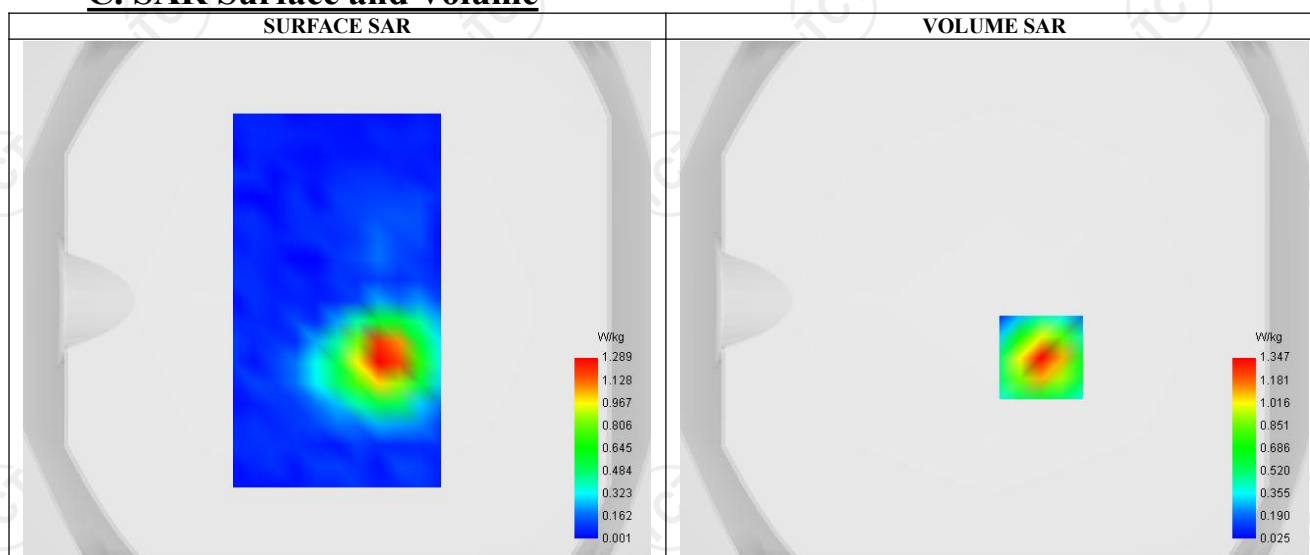
A. Experimental conditions.

Probe	SN 36/20 EPG0346
ConvF	2.08
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	IEEE 802.11ac U-NII
Channels	Lower (38)
Signal	IEEE 802.11

B. Permittivity

Frequency (MHz)	5190.000
Relative permittivity (real part)	49.522
Relative permittivity (imaginary part)	21.378
Conductivity (S/m)	5.404

C. SAR Surface and Volume



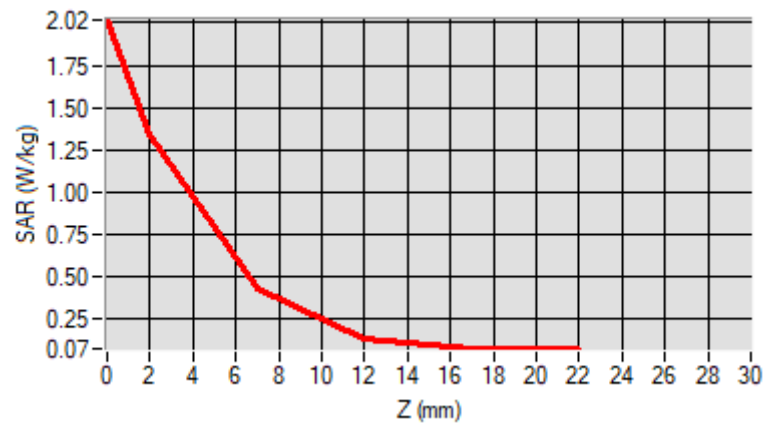
Maximum location: X=18.00, Y=-22.00 ; SAR Peak: 2.06 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.366
SAR 1g (W/Kg)	0.840
Variation (%)	1.630
Horizontal validation criteria: minimum distance (mm)	0.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	0.000000

E. Z Axis Scan

Z (mm)	0.00	2.00	7.00	12.00	17.00
SAR (W/Kg)	2.018	1.347	0.431	0.138	0.075



F. 3D Image

