

3-Head with front position in dist. 0mm on Channel 512 in GSM1900

SAR Measurement at GSM1900 (Cheek, Right)

Date of measurement: 18/7/2024

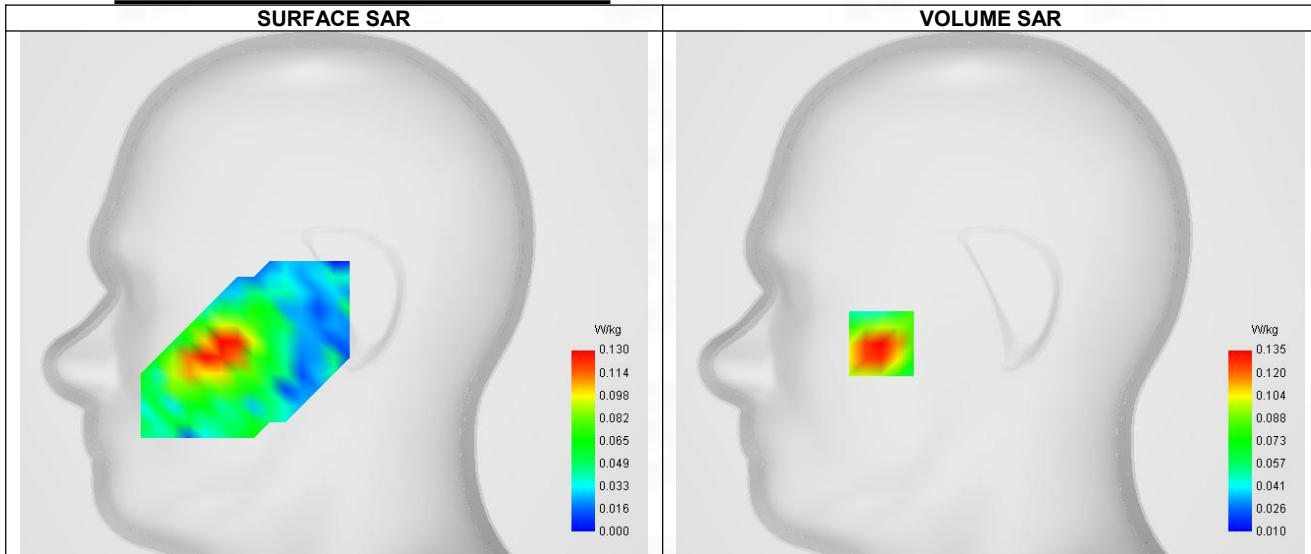
A. Experimental conditions.

Probe	SN 04/22 EPG0365
ConvF	1.96
Area Scan	dx=8mm dy=8mm, Adaptive 1 max
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm, Complete
Phantom	Right head
Device Position	Cheek
Band	GSM1900
Channels	Lower (512)
Signal	TDMA (GSM)
Modulation	GMSK

B. Permittivity

Frequency (MHz)	1850.200
Relative permittivity (real part)	39.895
Relative permittivity (imaginary part)	13.734
Conductivity (S/m)	1.390

C. SAR Surface and Volume



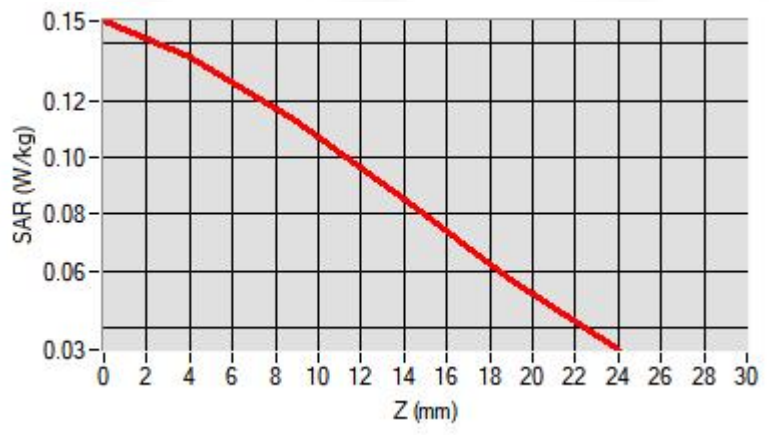
Maximum location: X=-54.00, Y=-25.00 ; SAR Peak: 0.17 W/kg

D. SAR 1g & 10g

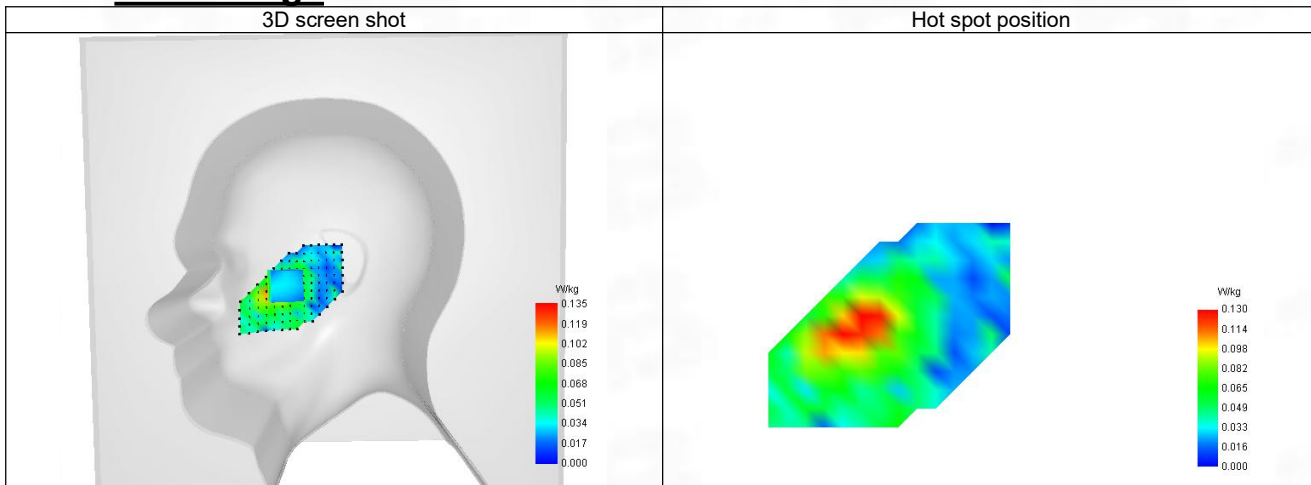
SAR 10g (W/Kg)	0.094
SAR 1g (W/Kg)	0.140
Variation (%)	1.820
Horizontal validation criteria: minimum distance (mm)	8.249
Vertical validation criteria: SAR ratio M2/M1 (%)	83.70%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.148	0.135	0.113	0.085	0.057



F. 3D Image



4-Body with back position in dist. 10mm on Channel 512 in GPRS1900+3slots

SAR Measurement at GPRS1900 (Body, Validation Plane)

Date of measurement: 18/7/2024

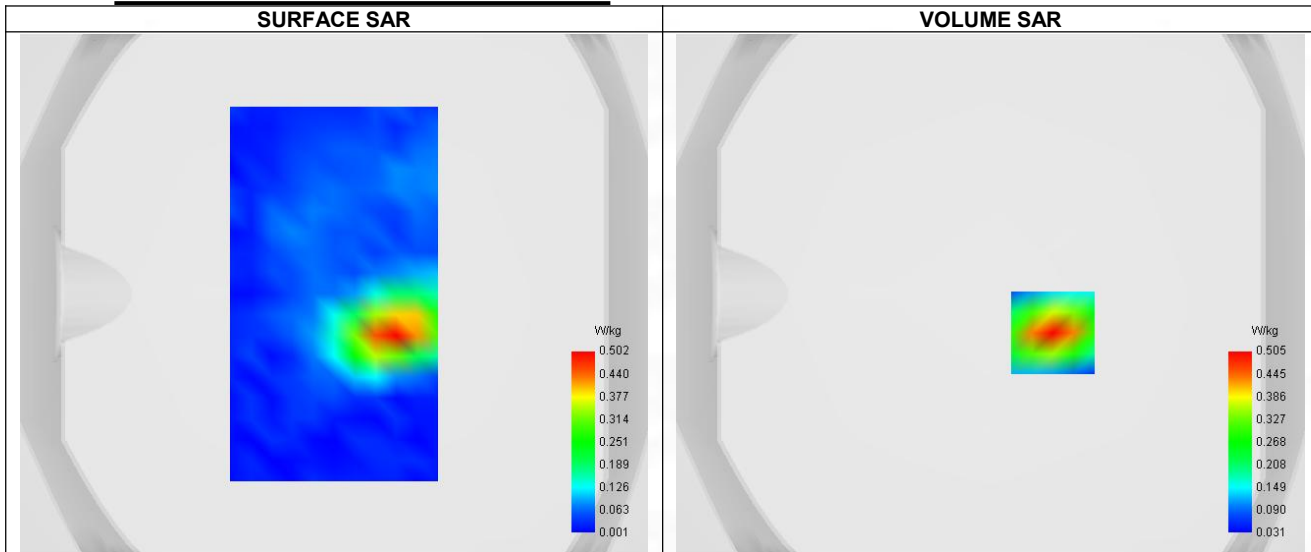
A. Experimental conditions.

Probe	SN 04/22 EPGO365
ConvF	1.96
Area Scan	dx=8mm dy=8mm, Adaptative 1 max
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	GPRS1900
Channels	Lower (512)
Signal	TDMA (GPRS)
Modulation	GMSK (CS-1)
TX-slots	3

B. Permittivity

Frequency (MHz)	1850.200
Relative permittivity (real part)	39.895
Relative permittivity (imaginary part)	13.734
Conductivity (S/m)	1.390

C. SAR Surface and Volume



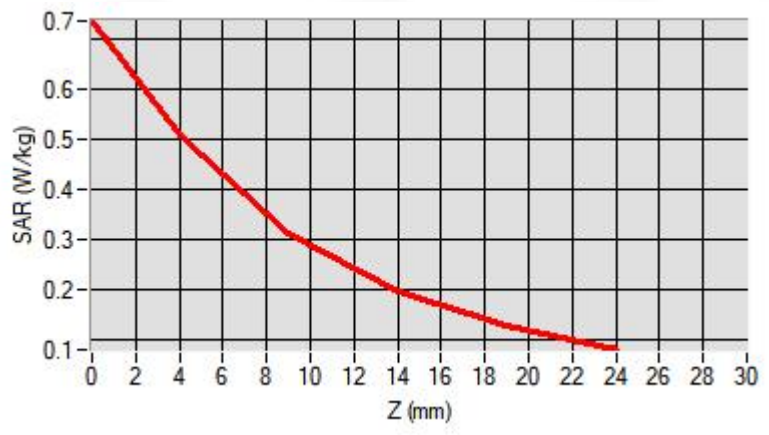
Maximum location: X=24.00, Y=-15.00 ; SAR Peak: 0.73 W/kg

D. SAR 1g & 10g

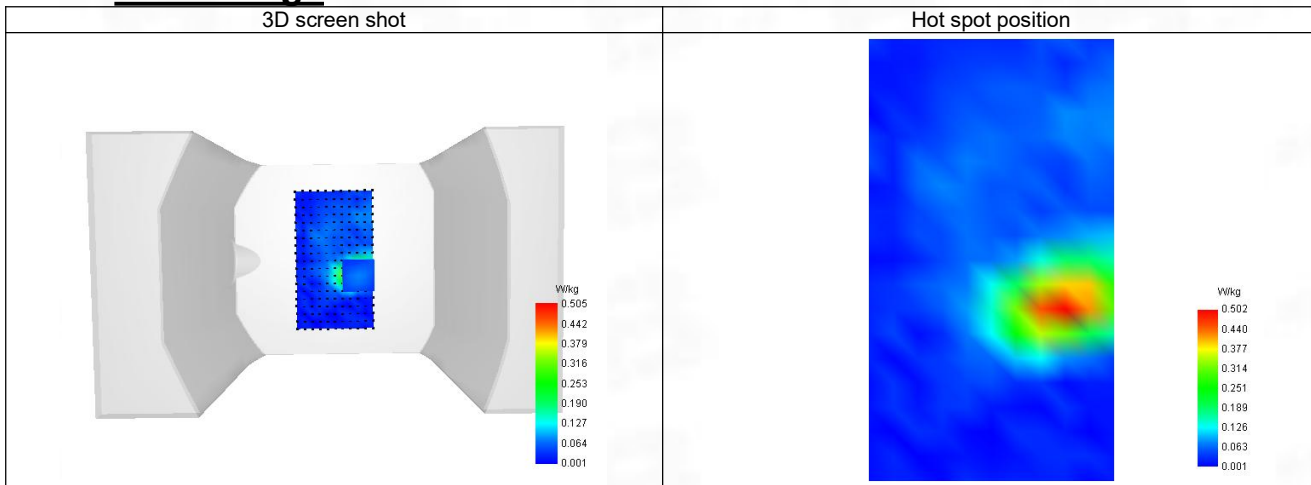
SAR 10g (W/Kg)	0.258
SAR 1g (W/Kg)	0.489
Variation (%)	3.780
Horizontal validation criteria: minimum distance (mm)	8.511
Vertical validation criteria: SAR ratio M2/M1 (%)	61.78%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.734	0.505	0.312	0.194	0.125



F. 3D Image



5-Head with front position in dist. 0mm on Channel 9262 in WCDMA Band 2

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

Date of measurement: 18/7/2024

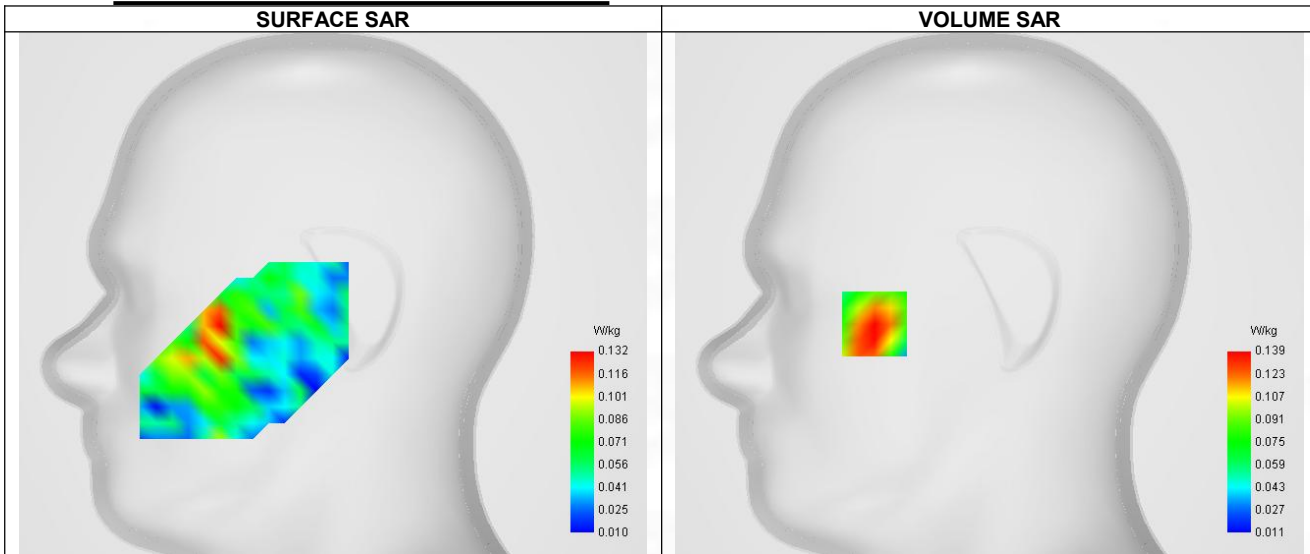
A. Experimental conditions.

Probe	SN 04/22 EPGO365
ConvF	1.96
Area Scan	dx=8mm dy=8mm, Adaptative 1 max
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	Band 2 (1900)
Channels	Lower (9262)
Signal	WCDMA
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Frequency (MHz)	1852.400
Relative permittivity (real part)	39.894
Relative permittivity (imaginary part)	13.718
Conductivity (S/m)	1.391

C. SAR Surface and Volume



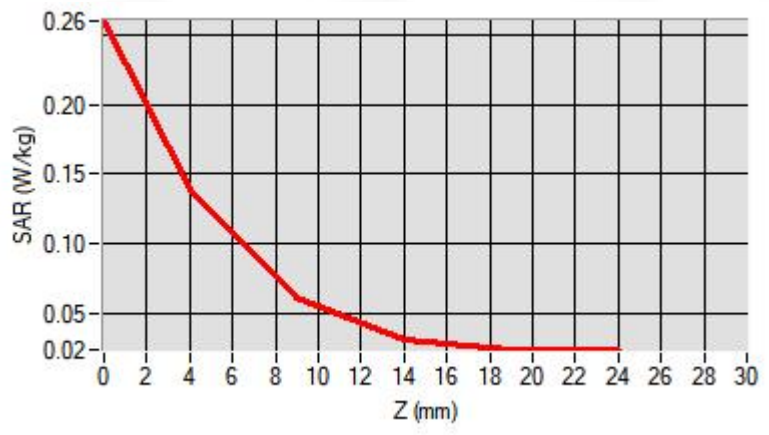
Maximum location: X=-57.00, Y=-15.00 ; SAR Peak: 0.26 W/kg

D. SAR 1g & 10g

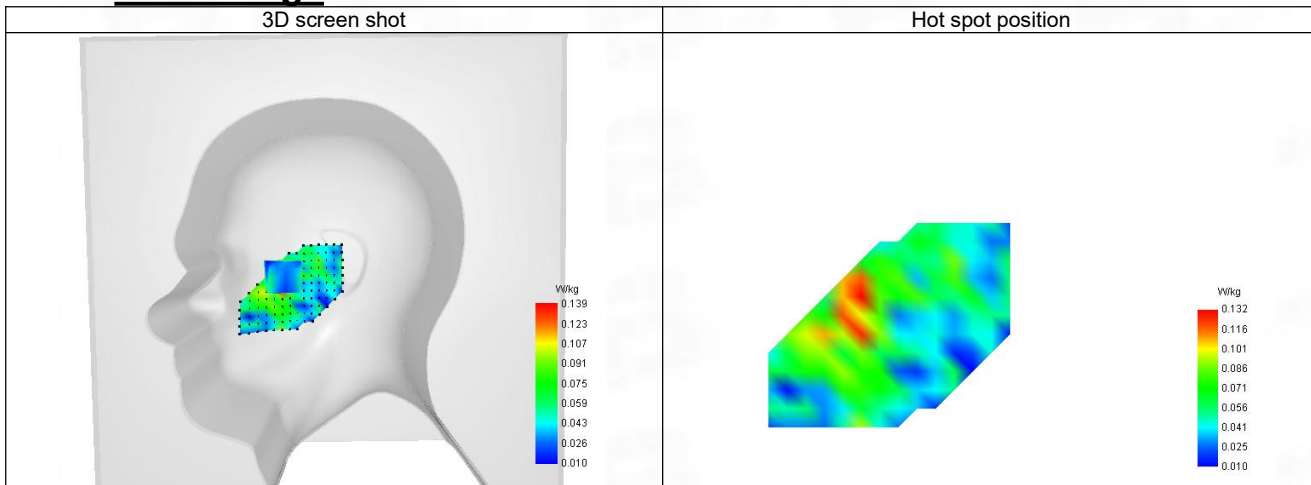
SAR 10g (W/Kg)	0.079
SAR 1g (W/Kg)	0.146
Variation (%)	2.750
Horizontal validation criteria: minimum distance (mm)	8.337
Vertical validation criteria: SAR ratio M2/M1 (%)	44.60%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.259	0.139	0.062	0.032	0.025



F. 3D Image



6-Body with back position in dist. 10mm on Channel 9262 in WCDMA Band 2

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

Date of measurement: 18/7/2024

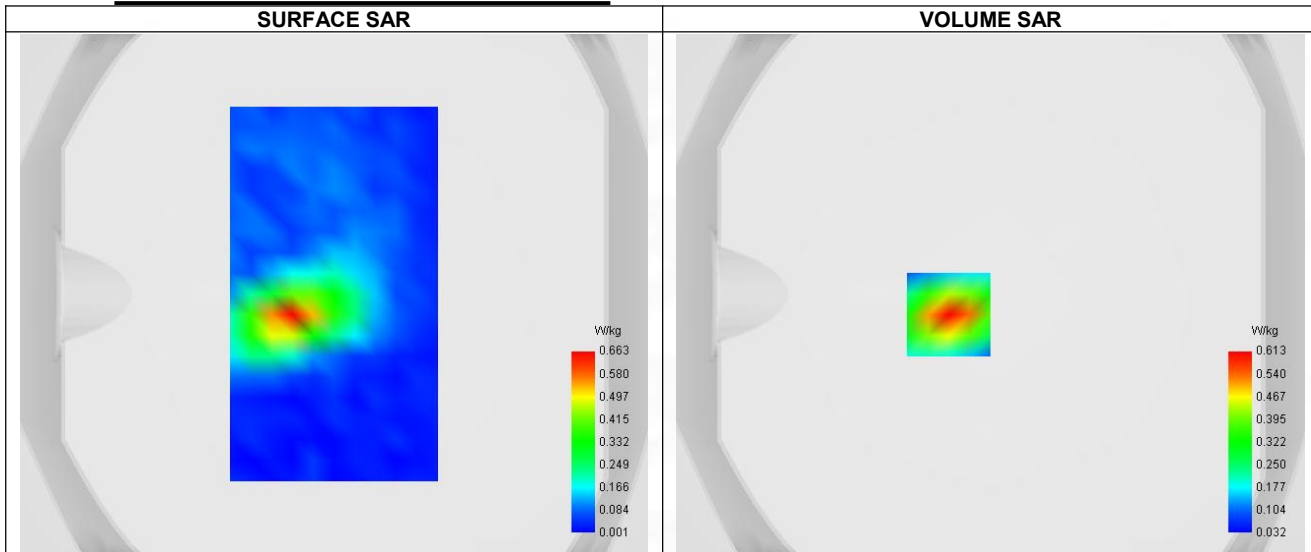
A. Experimental conditions.

Probe	SN 04/22 EPG0365
ConvF	1.96
Area Scan	dx=8mm dy=8mm, Adaptative 1 max
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	Band 2 (1900)
Channels	Lower (9262)
Signal	WCDMA
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Frequency (MHz)	1852.400
Relative permittivity (real part)	39.894
Relative permittivity (imaginary part)	13.718
Conductivity (S/m)	1.391

C. SAR Surface and Volume



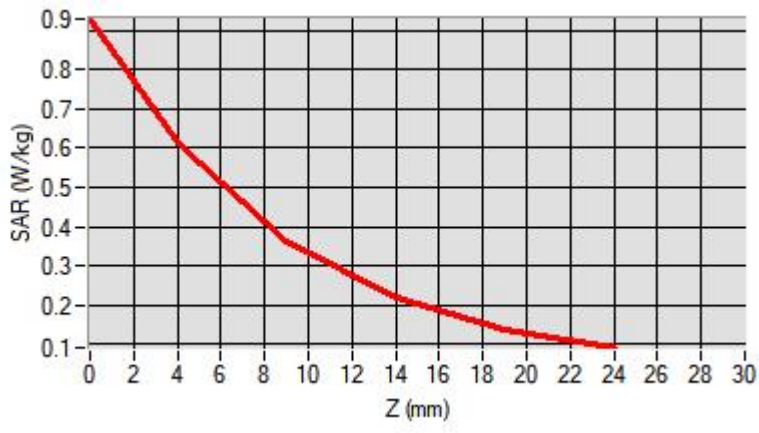
Maximum location: X=-16.00, Y=-8.00 ; SAR Peak: 0.93 W/kg

D. SAR 1g & 10g

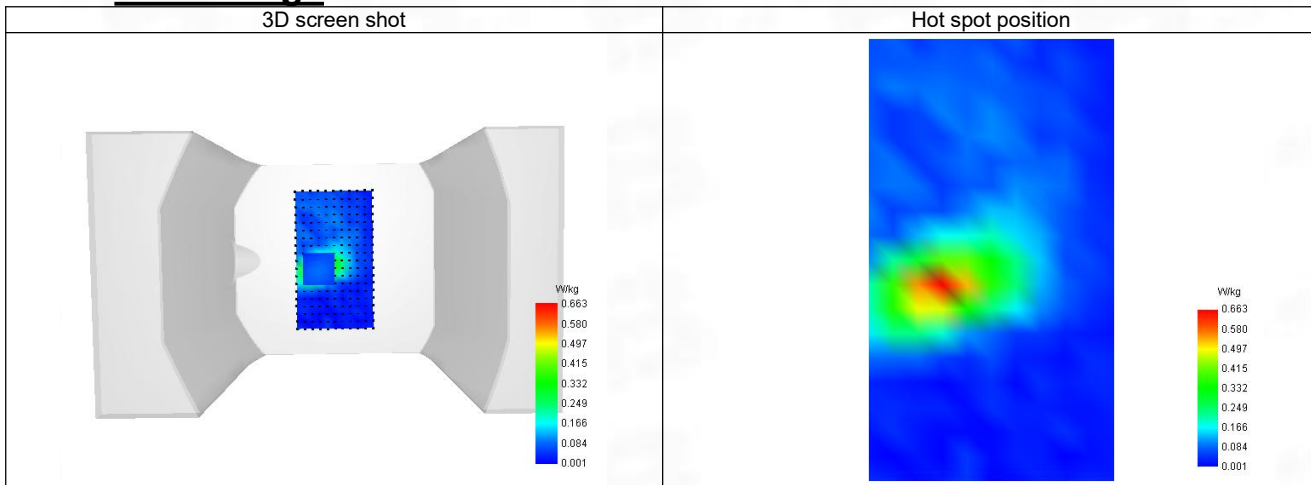
SAR 10g (W/Kg)	0.312
SAR 1g (W/Kg)	0.597
Variation (%)	1.240
Horizontal validation criteria: minimum distance (mm)	8.426
Vertical validation criteria: SAR ratio M2/M1 (%)	58.73%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.930	0.613	0.360	0.217	0.139



F. 3D Image



7-Head with front position in dist. 0mm on Channel 1413 in WCDMA Band 4

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

Date of measurement: 18/7/2024

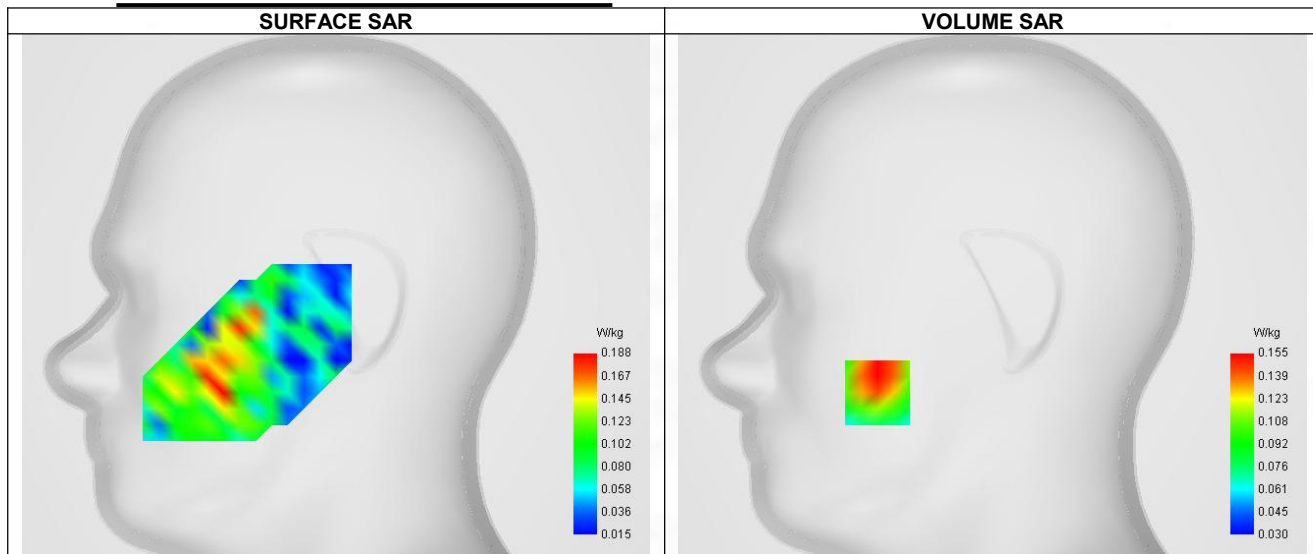
A. Experimental conditions.

Probe	SN 04/22 EPG0365
ConvF	1.96
Area Scan	dx=8mm dy=8mm, Adaptative 1 max
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	Band 4 (1700)
Channels	Middle (1413)
Signal	WCDMA
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Frequency (MHz)	1732.600
Relative permittivity (real part)	40.015
Relative permittivity (imaginary part)	14.467
Conductivity (S/m)	1.335

C. SAR Surface and Volume



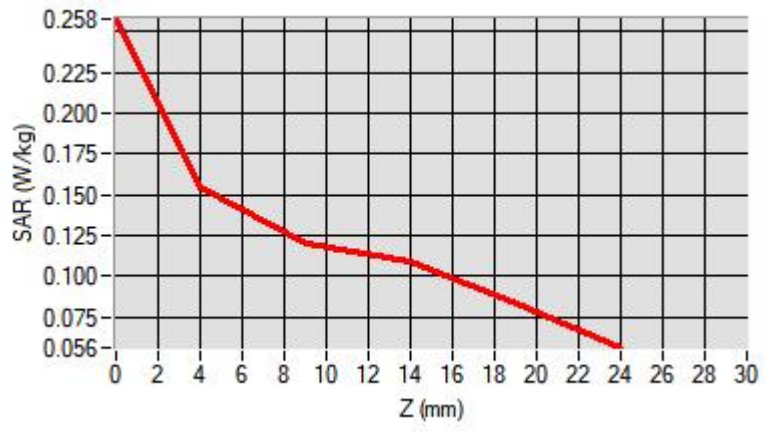
Maximum location: X=-57.00, Y=-48.00 ; SAR Peak: 0.19 W/kg

D. SAR 1g & 10g

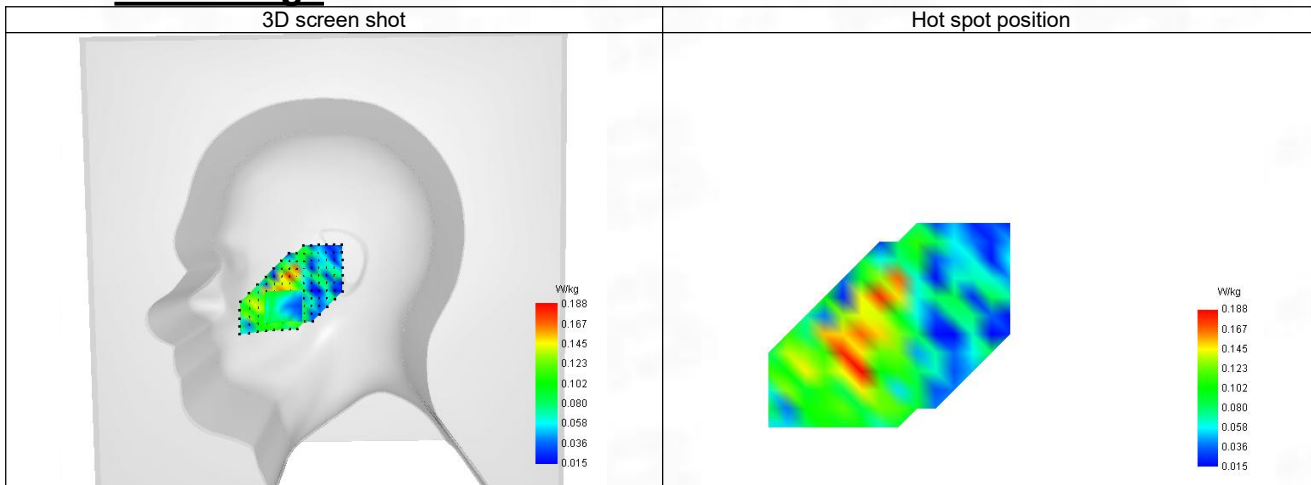
SAR 10g (W/Kg)	0.118
SAR 1g (W/Kg)	0.158
Variation (%)	-2.010
Horizontal validation criteria: minimum distance (mm)	8.587
Vertical validation criteria: SAR ratio M2/M1 (%)	77.42%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.258	0.155	0.120	0.109	0.083



F. 3D Image



8-Body with back position in dist. 10mm on Channel 1413 in WCDMA Band 4

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

Date of measurement: 18/7/2024

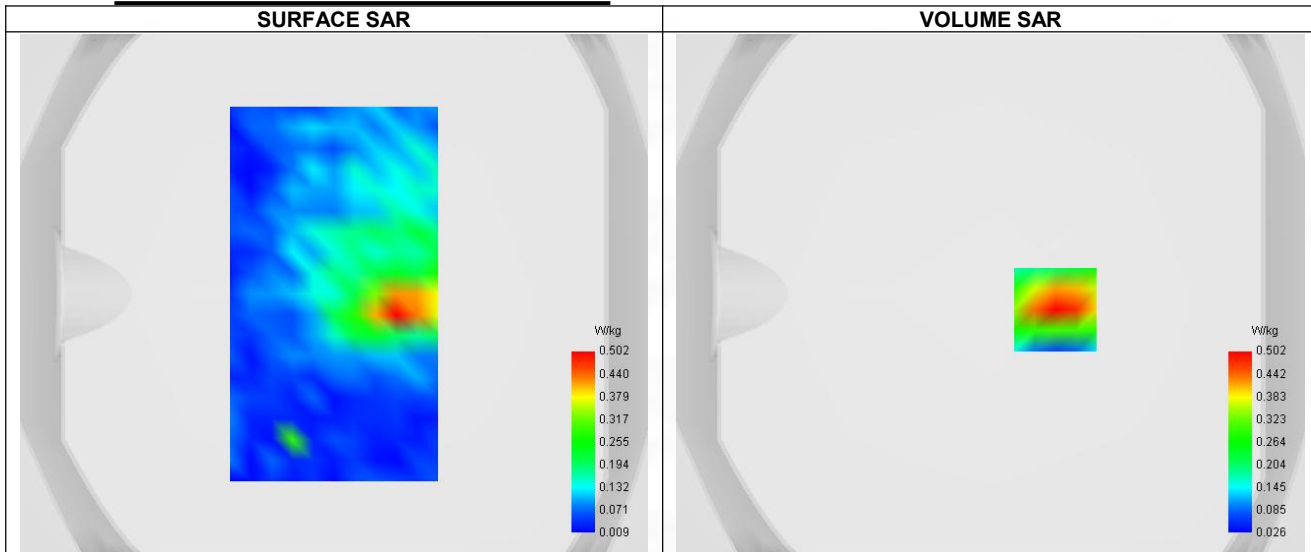
A. Experimental conditions.

Probe	SN 04/22 EPGO365
ConvF	1.96
Area Scan	dx=8mm dy=8mm, Adaptative 1 max
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	Band 4 (1700)
Channels	Middle (1413)
Signal	WCDMA
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Frequency (MHz)	1732.600
Relative permittivity (real part)	40.015
Relative permittivity (imaginary part)	14.467
Conductivity (S/m)	1.335

C. SAR Surface and Volume



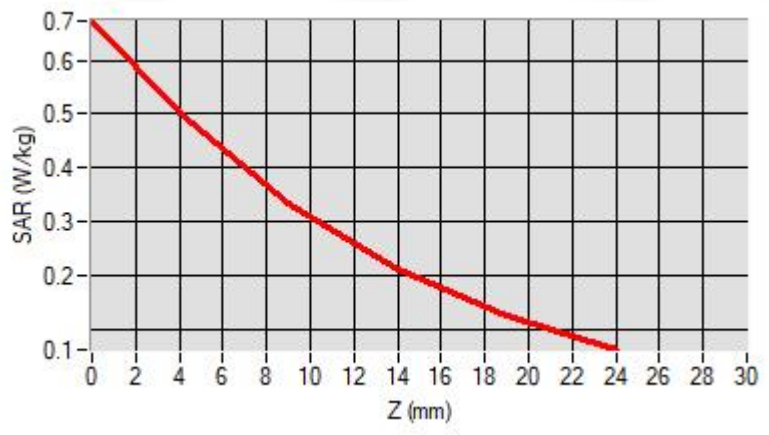
Maximum location: X=25.00, Y=-6.00 ; SAR Peak: 0.69 W/kg

D. SAR 1g & 10g

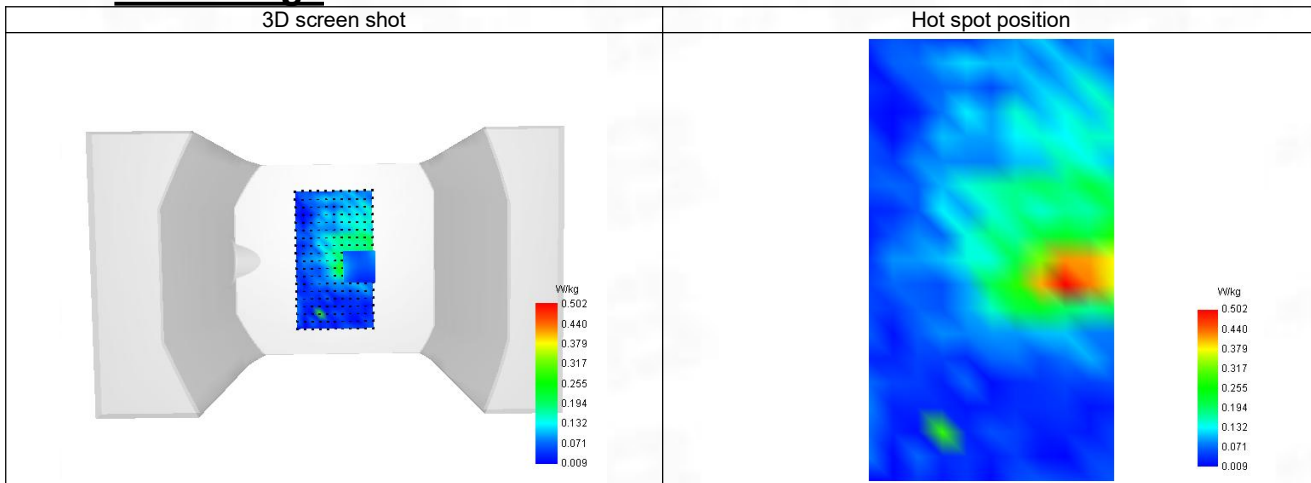
SAR 10g (W/Kg)	0.275
SAR 1g (W/Kg)	0.489
Variation (%)	-3.770
Horizontal validation criteria: minimum distance (mm)	8.479
Vertical validation criteria: SAR ratio M2/M1 (%)	66.73%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.673	0.502	0.335	0.212	0.124



F. 3D Image



9-Head with front position in dist. 0mm on Channel 4132 in WCDMA Band 5

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

Date of measurement: 16/7/2024

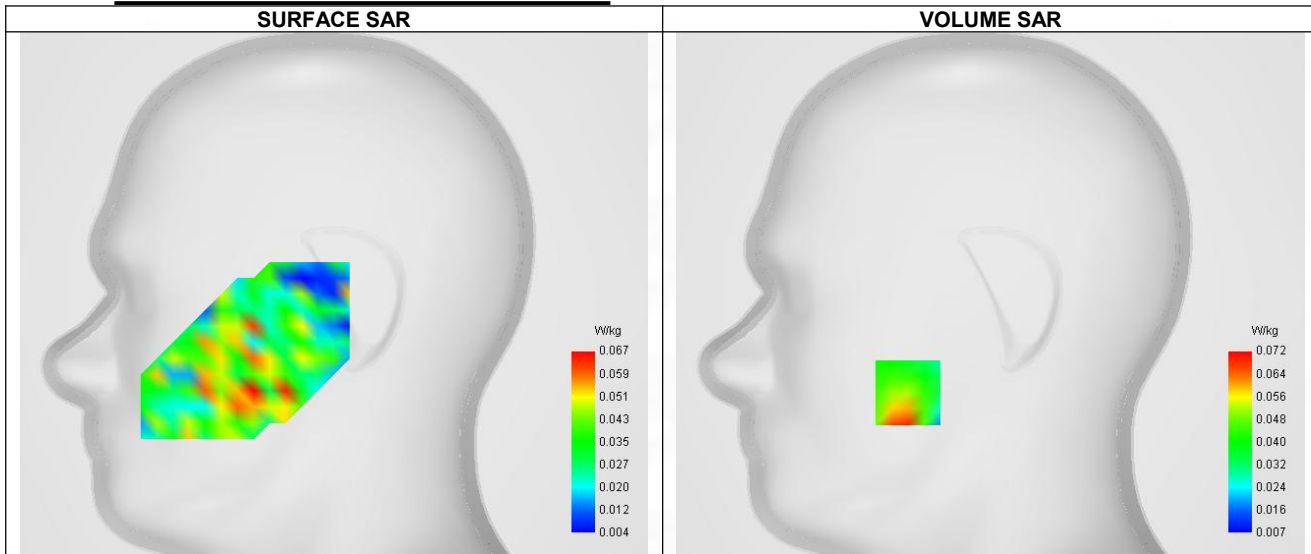
A. Experimental conditions.

Probe	SN 04/22 EPG0365
ConvF	1.68
Area Scan	dx=8mm dy=8mm, Adaptative 1 max
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	Band 5 (850)
Channels	Lower (4132)
Signal	WCDMA
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Frequency (MHz)	826.400
Relative permittivity (real part)	41.449
Relative permittivity (imaginary part)	19.689
Conductivity (S/m)	0.869

C. SAR Surface and Volume



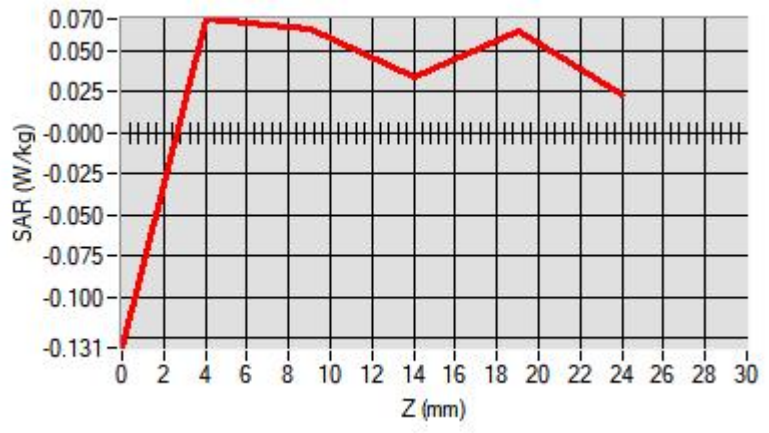
Maximum location: X=-41.00, Y=-49.00 ; SAR Peak: 0.10 W/kg

D. SAR 1g & 10g

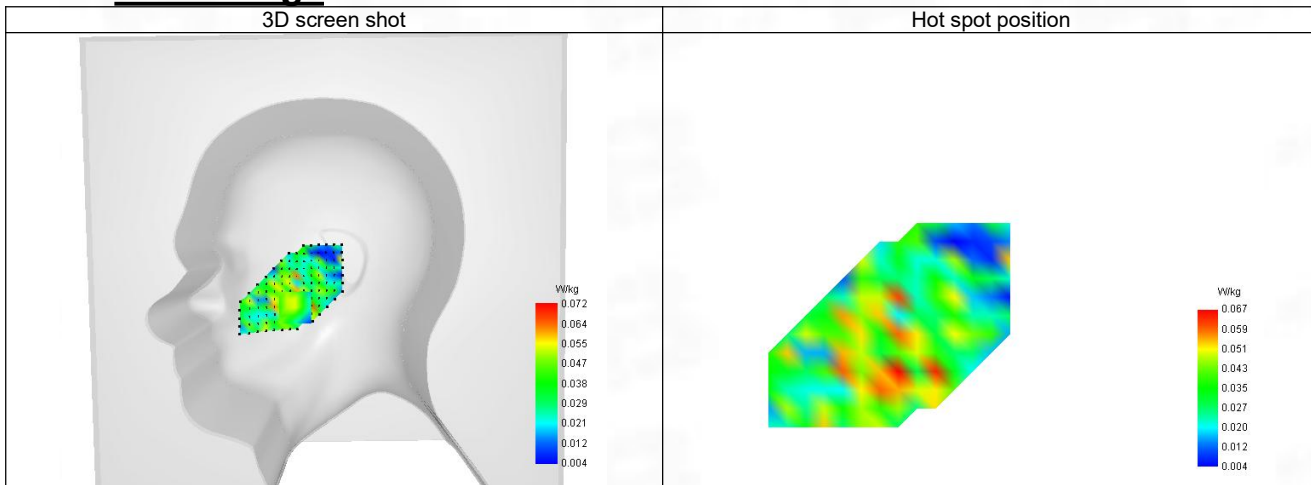
SAR 10g (W/Kg)	0.056
SAR 1g (W/Kg)	0.072
Variation (%)	1.770
Horizontal validation criteria: minimum distance (mm)	8.479
Vertical validation criteria: SAR ratio M2/M1 (%)	90.00%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	-0.131	0.070	0.063	0.034	0.063



F. 3D Image



10-Body with back position in dist. 10mm on Channel 4132 in WCDMA Band 5

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

Date of measurement: 16/7/2024

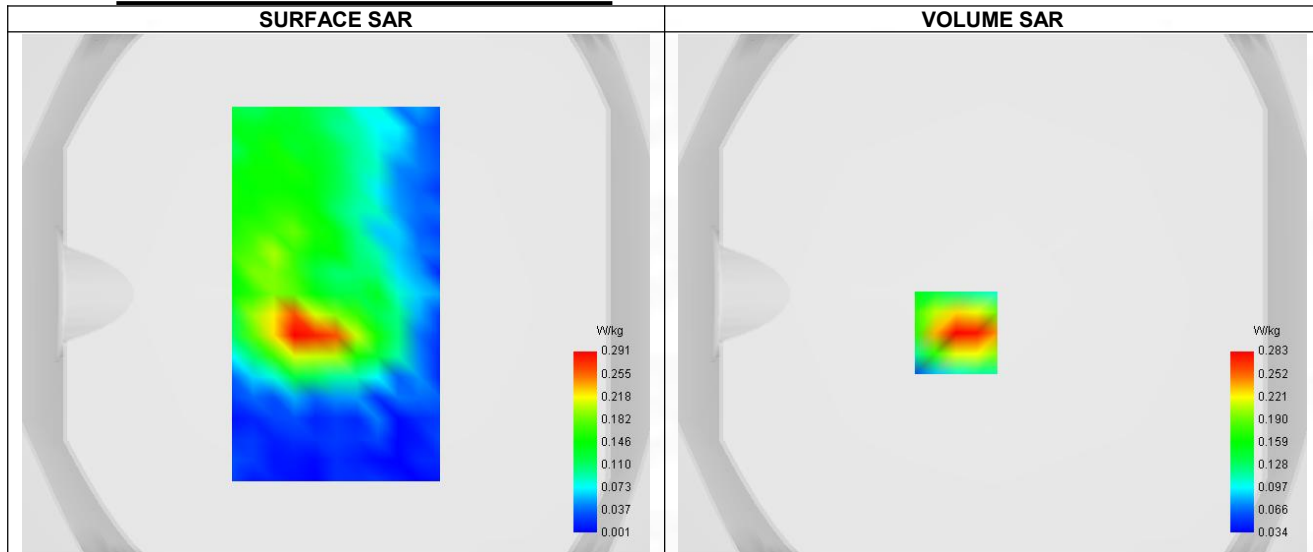
A. Experimental conditions.

Probe	SN 04/22 EPG0365
ConvF	1.68
Area Scan	dx=8mm dy=8mm, Adaptive 1 max
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm, Complete
Phantom	Validation plane
Device Position	Body
Band	Band 5 (850)
Channels	Lower (4132)
Signal	WCDMA
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Frequency (MHz)	826.400
Relative permittivity (real part)	41.449
Relative permittivity (imaginary part)	19.689
Conductivity (S/m)	0.869

C. SAR Surface and Volume



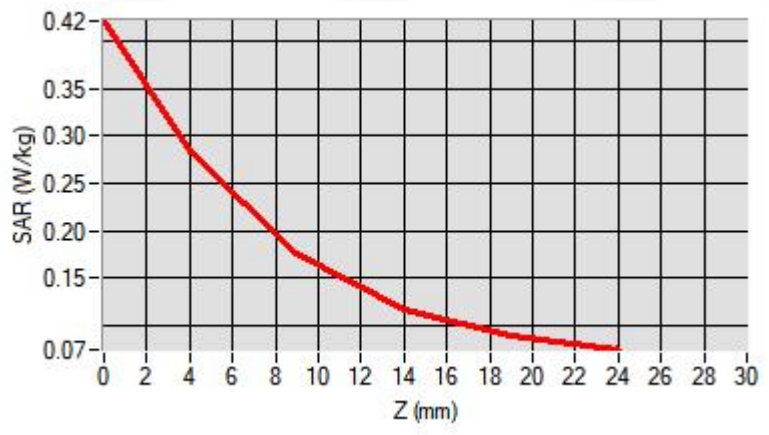
Maximum location: X=-14.00, Y=-15.00 ; SAR Peak: 0.43 W/kg

D. SAR 1g & 10g

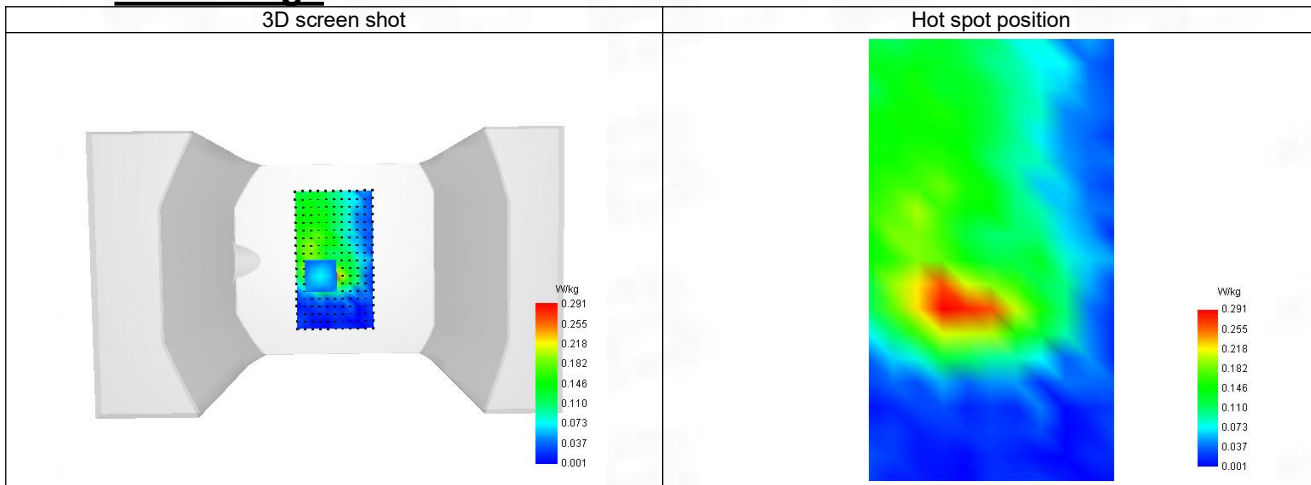
SAR 10g (W/Kg)	0.174
SAR 1g (W/Kg)	0.298
Variation (%)	-3.320
Horizontal validation criteria: minimum distance (mm)	8.631
Vertical validation criteria: SAR ratio M2/M1 (%)	62.19%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.421	0.283	0.176	0.118	0.090



F. 3D Image



11-Head with front position in dist. 0mm on Channel 19100 in LTE band 2

SAR Measurement at LTE band 2 (Cheek, Right)

Date of measurement: 22/7/2024

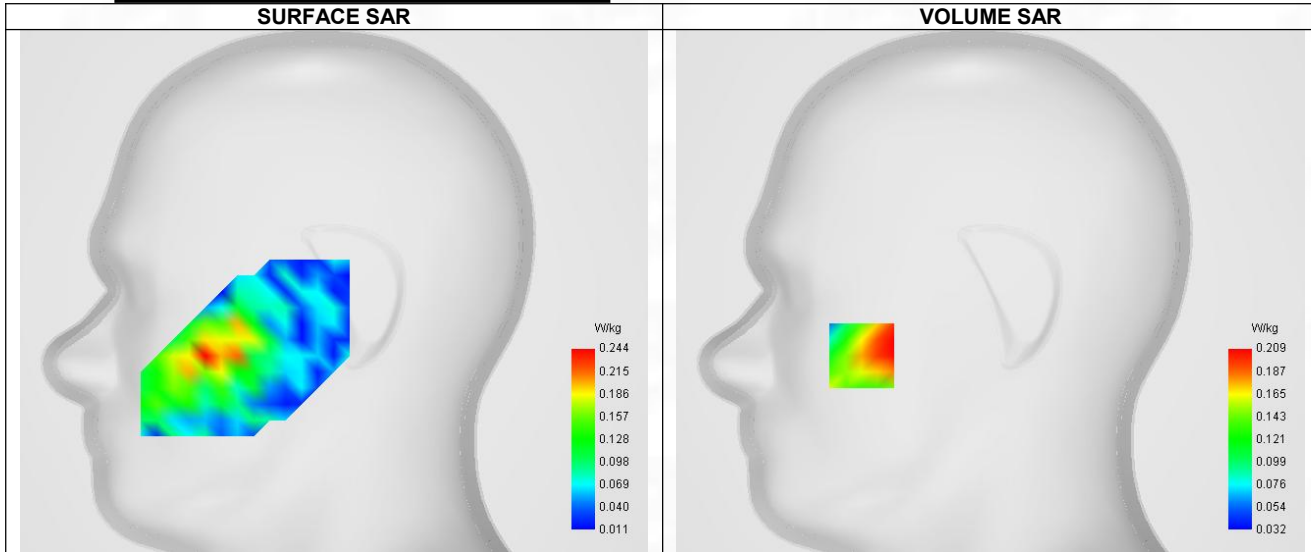
A. Experimental conditions.

Probe	SN 04/22 EPG0365
ConvF	2.24
Area Scan	dx=8mm dy=8mm, Adaptive 1 max
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm, Complete
Phantom	Right head
Device Position	Cheek
Band	LTE band 2
Channels	Higher (19100)
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	1891.090
Relative permittivity (real part)	39.883
Relative permittivity (imaginary part)	13.443
Conductivity (S/m)	1.406

C. SAR Surface and Volume



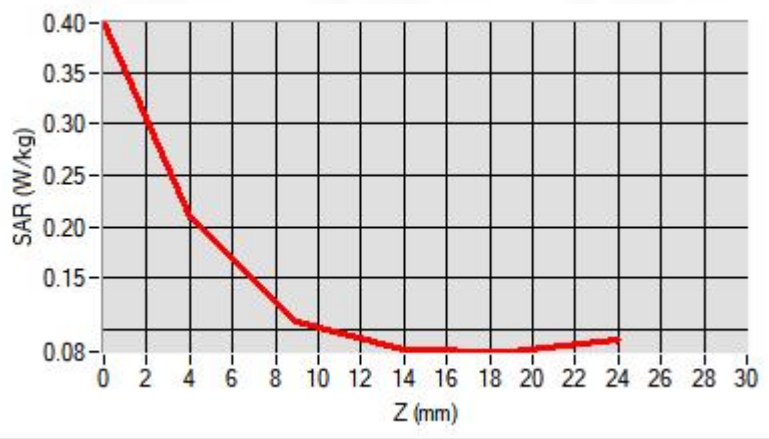
Maximum location: X=-64.00, Y=-32.00 ; SAR Peak: 0.39 W/kg

D. SAR 1g & 10g

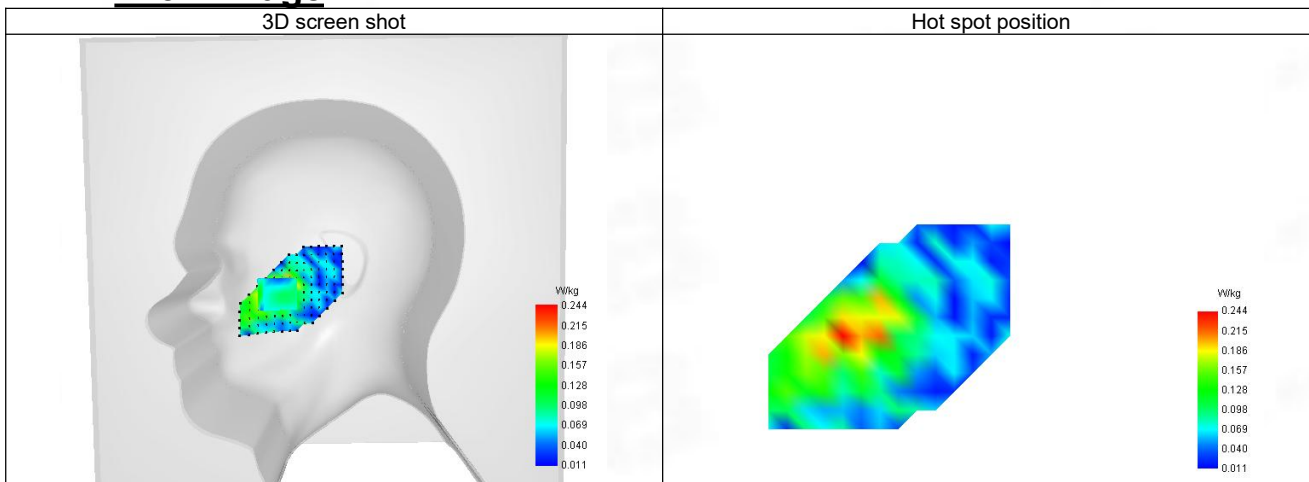
SAR 10g (W/Kg)	0.147
SAR 1g (W/Kg)	0.223
Variation (%)	4.600
Horizontal validation criteria: minimum distance (mm)	8.792
Vertical validation criteria: SAR ratio M2/M1 (%)	51.20%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.399	0.209	0.107	0.079	0.078



F. 3D Image



12-Body with back position in dist. 10mm on Channel 19100 in LTE band 2

SAR Measurement at LTE band 2 (Body, Validation Plane)

Date of measurement: 22/7/2024

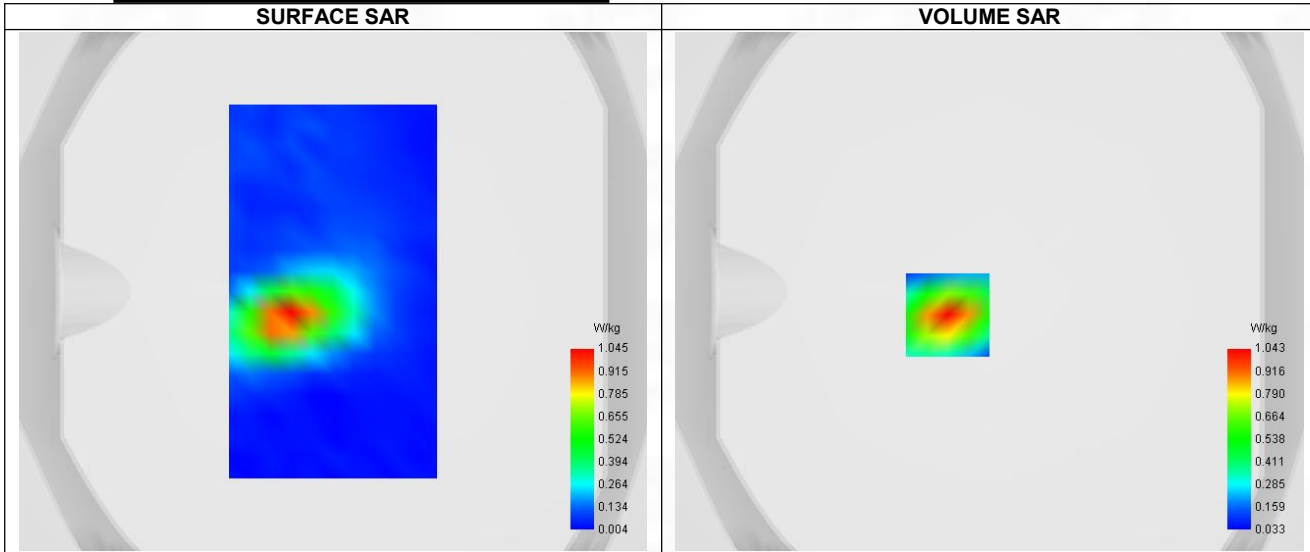
A. Experimental conditions.

Probe	SN 04/22 EPG0365
ConvF	2.24
Area Scan	dx=8mm dy=8mm, Adaptive 1 max
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 2
Channels	Higher (19100)
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	1891.090
Relative permittivity (real part)	39.883
Relative permittivity (imaginary part)	13.443
Conductivity (S/m)	1.406

C. SAR Surface and Volume



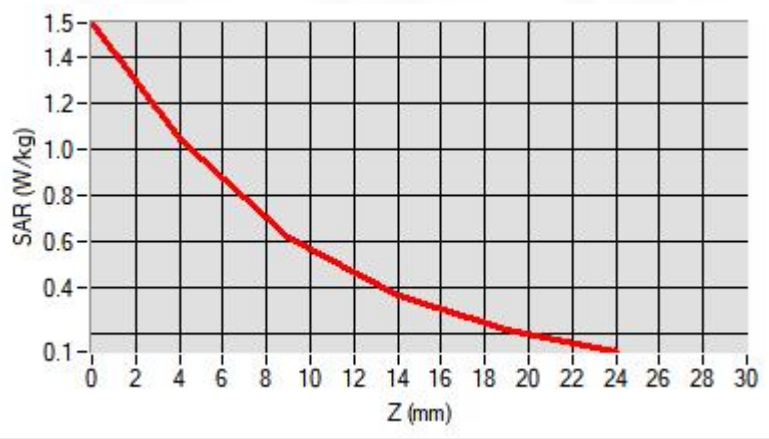
Maximum location: X=-16.00, Y=-9.00 ; SAR Peak: 1.56 W/kg

D. SAR 1g & 10g

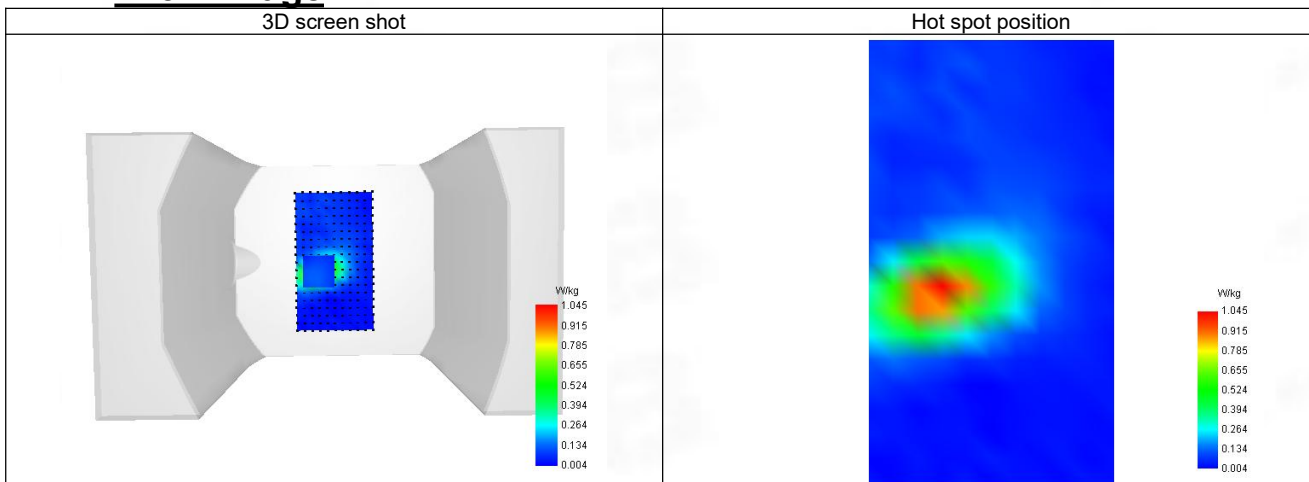
SAR 10g (W/Kg)	0.521
SAR 1g (W/Kg)	1.022
Variation (%)	-2.530
Horizontal validation criteria: minimum distance (mm)	8.245
Vertical validation criteria: SAR ratio M2/M1 (%)	59.54%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.549	1.043	0.621	0.367	0.219



F. 3D Image



13-Head with front position in dist. 0mm on Channel 20300 in LTE band 4

SAR Measurement at LTE band 4 (Cheek, Right)

Date of measurement: 19/7/2024

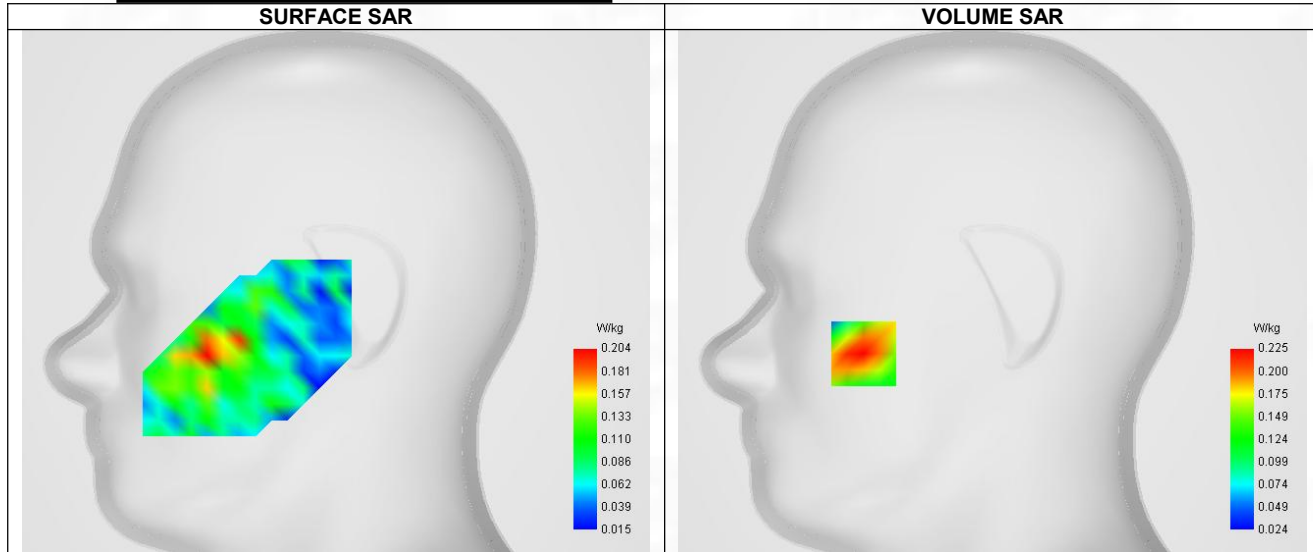
A. Experimental conditions.

Probe	SN 04/22 EPG0365
ConvF	1.96
Area Scan	dx=8mm dy=8mm, Adaptive 1 max
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm, Complete
Phantom	Right head
Device Position	Cheek
Band	LTE band 4
Channels	Higher (20300)
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	1736.090
Relative permittivity (real part)	40.009
Relative permittivity (imaginary part)	14.448
Conductivity (S/m)	1.337

C. SAR Surface and Volume



Maximum location: X=-64.00, Y=-31.00 ; SAR Peak: 0.34 W/kg

D. SAR 1g & 10g

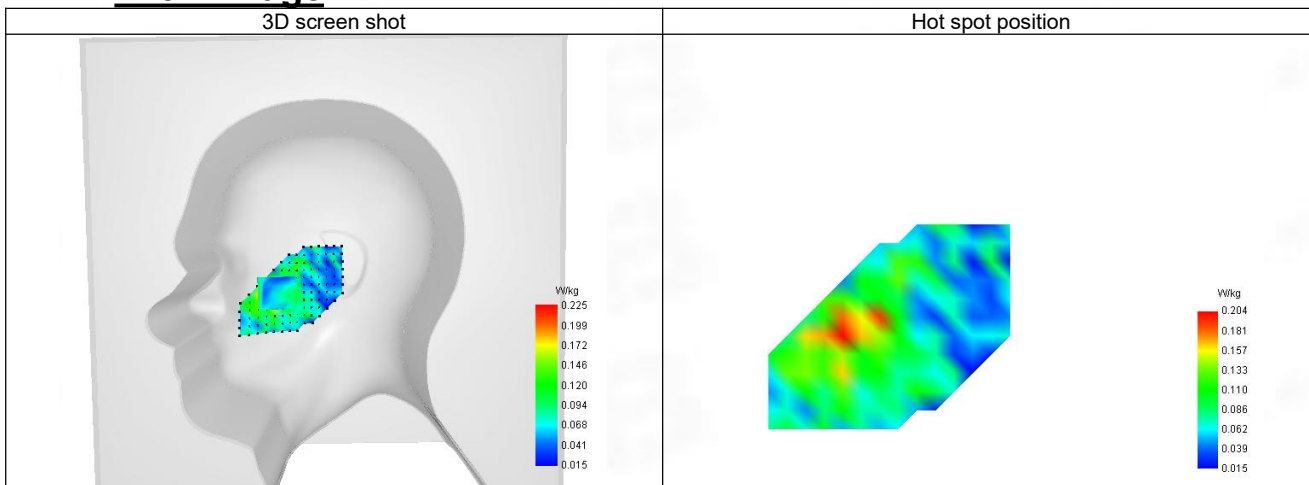
SAR 10g (W/Kg)	0.150
SAR 1g (W/Kg)	0.227
Variation (%)	-1.000
Horizontal validation criteria: minimum distance (mm)	8.264
Vertical validation criteria: SAR ratio M2/M1 (%)	75.11%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.284	0.225	0.169	0.130	0.103



F. 3D Image



14-Body with back position in dist. 10mm on Channel 20300 in LTE band 4

SAR Measurement at LTE band 4 (Body, Validation Plane)

Date of measurement: 19/7/2024

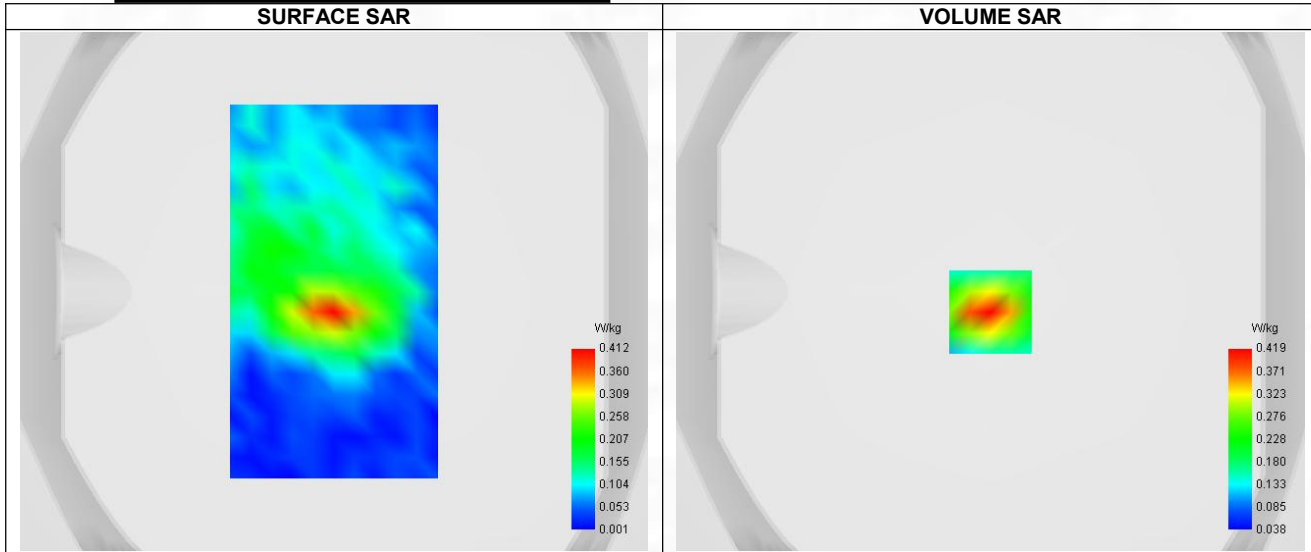
A. Experimental conditions.

Probe	SN 04/22 EPG0365
ConvF	1.96
Area Scan	dx=8mm dy=8mm, Adaptative 1 max
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 4
Channels	Higher (20300)
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	1736.090
Relative permittivity (real part)	40.009
Relative permittivity (imaginary part)	14.448
Conductivity (S/m)	1.337

C. SAR Surface and Volume



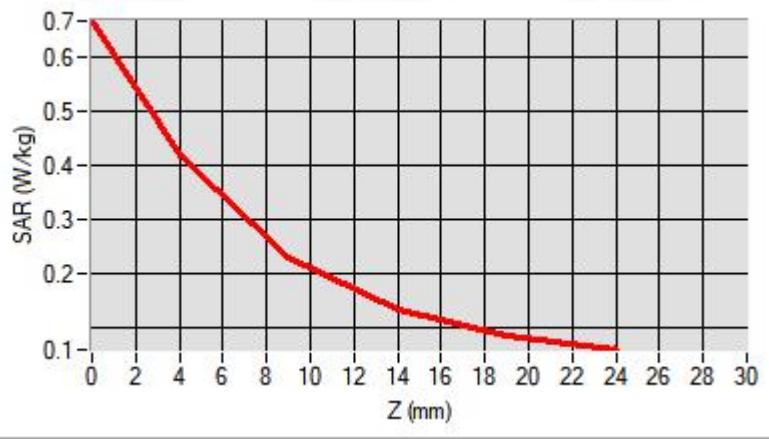
Maximum location: X=0.00, Y=-8.00 ; SAR Peak: 0.67 W/kg

D. SAR 1g & 10g

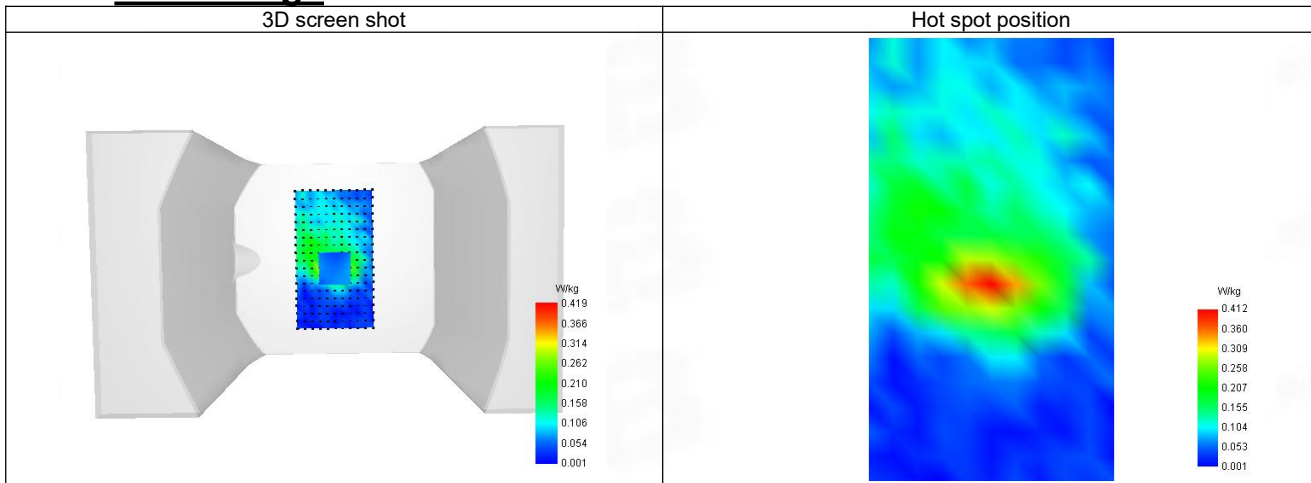
SAR 10g (W/Kg)	0.219
SAR 1g (W/Kg)	0.406
Variation (%)	-3.390
Horizontal validation criteria: minimum distance (mm)	8.423
Vertical validation criteria: SAR ratio M2/M1 (%)	55.13%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.666	0.419	0.231	0.133	0.086



F. 3D Image



15-Head with front position in dist. 0mm on Channel 20450 in LTE band 5

SAR Measurement at LTE band 5 (Cheek, Right)

Date of measurement: 19/7/2024

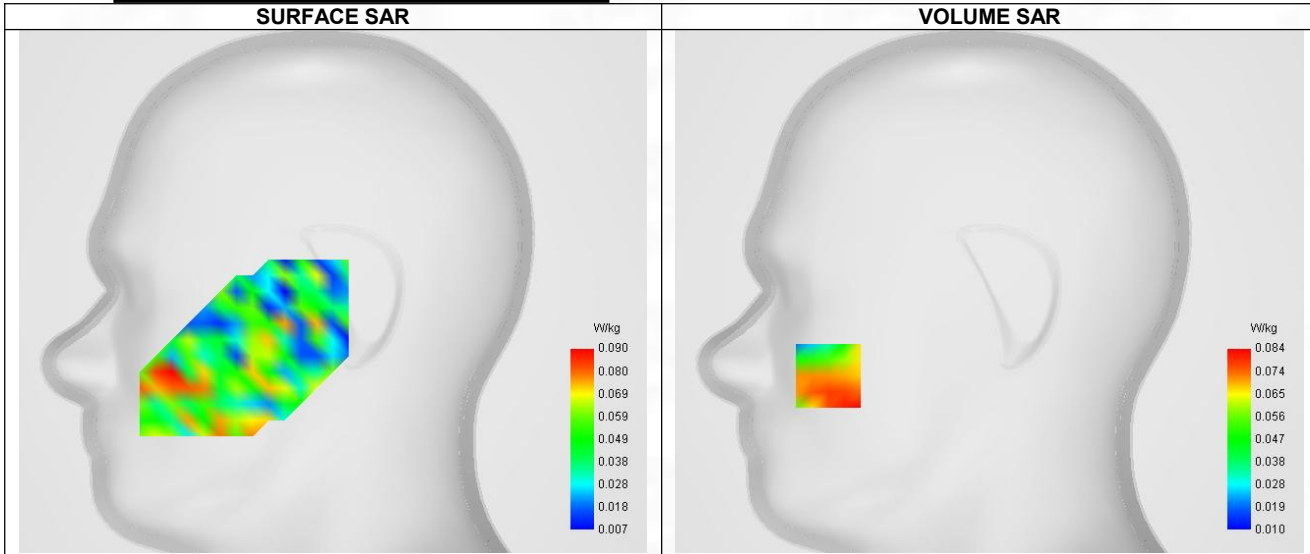
A. Experimental conditions.

Probe	SN 04/22 EPG0365
ConvF	1.68
Area Scan	dx=8mm dy=8mm, Adaptive 1 max
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm, Complete
Phantom	Right head
Device Position	Cheek
Band	LTE band 5
Channels	Lower (20450)
Signal	LTE FDD
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	824.590
Relative permittivity (real part)	41.458
Relative permittivity (imaginary part)	19.731
Conductivity (S/m)	0.869

C. SAR Surface and Volume



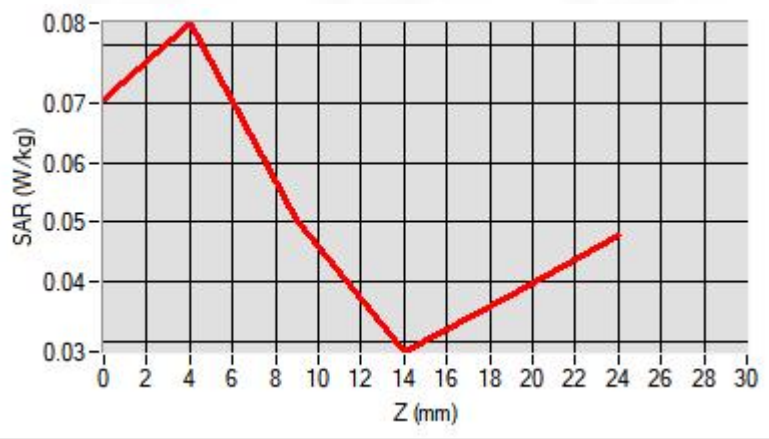
Maximum location: X=-80.00, Y=-42.00 ; SAR Peak: 0.15 W/kg

D. SAR 1g & 10g

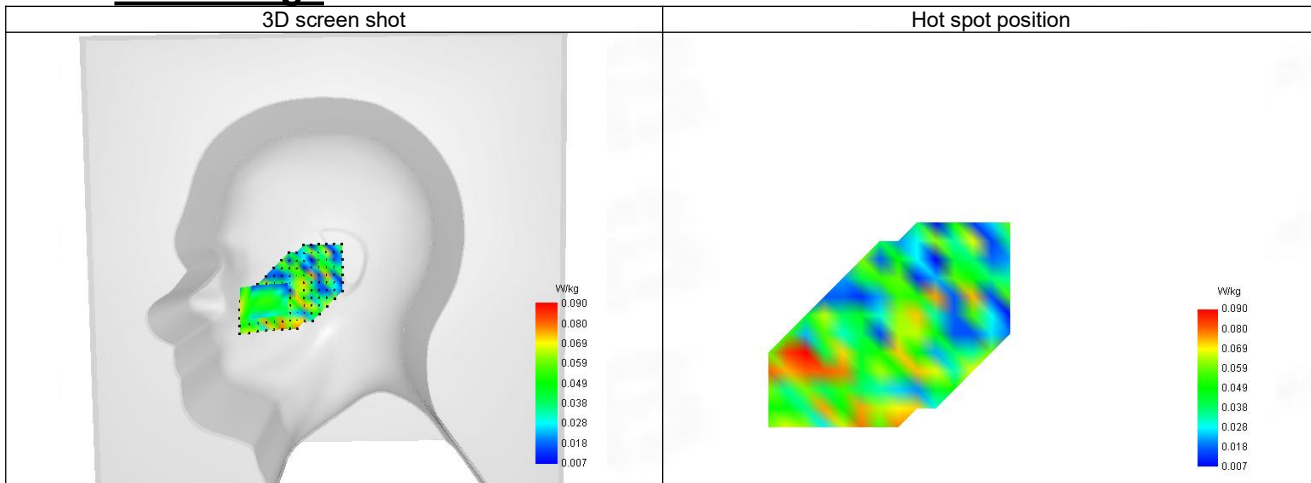
SAR 10g (W/Kg)	0.063
SAR 1g (W/Kg)	0.091
Variation (%)	2.010
Horizontal validation criteria: minimum distance (mm)	8.298
Vertical validation criteria: SAR ratio M2/M1 (%)	60.71%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.071	0.084	0.051	0.028	0.038



F. 3D Image



16-Body with back position in dist. 10mm on Channel 20450 in LTE band 5

SAR Measurement at LTE band 5 (Body, Validation Plane)

Date of measurement: 19/7/2024

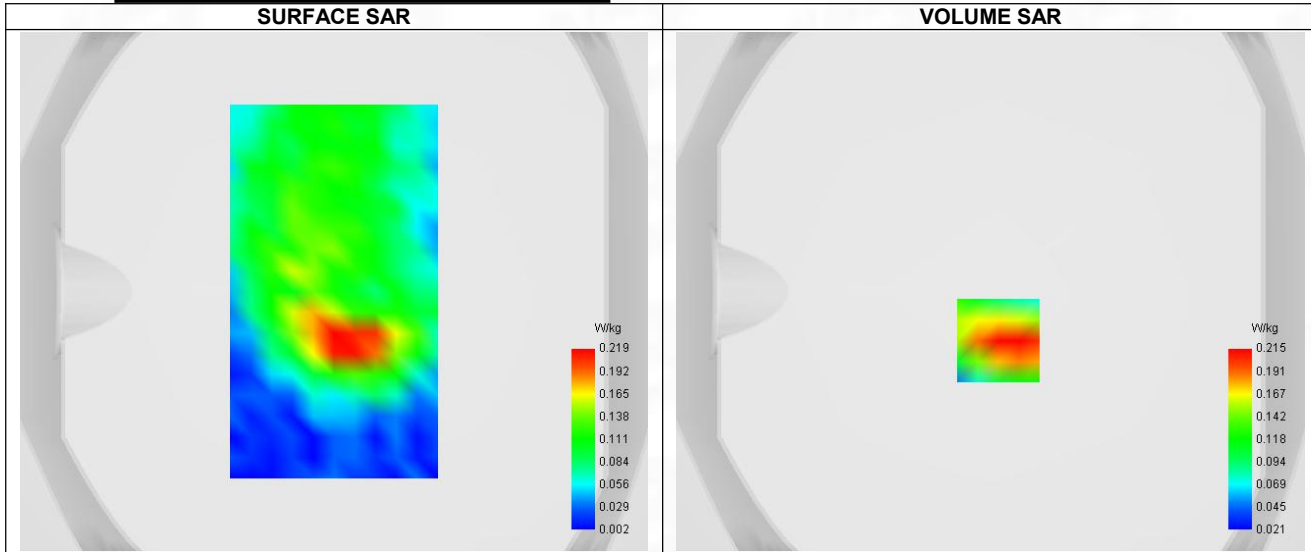
A. Experimental conditions.

Probe	SN 04/22 EPG0365
ConvF	1.68
Area Scan	dx=8mm dy=8mm, Adaptive 1 max
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 5
Channels	Lower (20450)
Signal	LTE FDD
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	824.590
Relative permittivity (real part)	41.458
Relative permittivity (imaginary part)	19.731
Conductivity (S/m)	0.869

C. SAR Surface and Volume



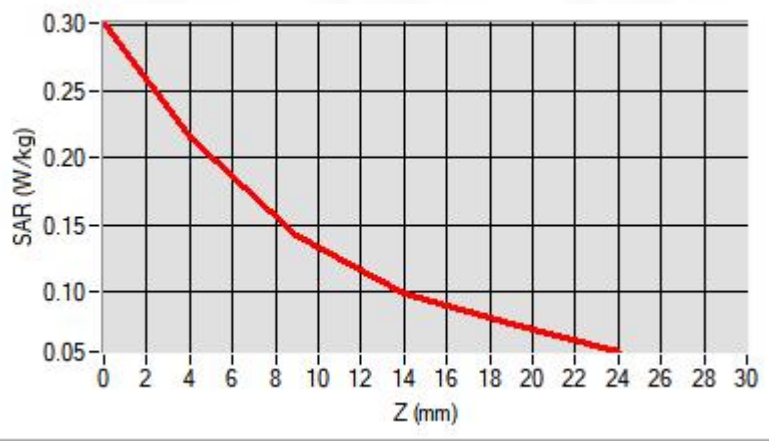
Maximum location: X=3.00, Y=-19.00 ; SAR Peak: 0.31 W/kg

D. SAR 1g & 10g

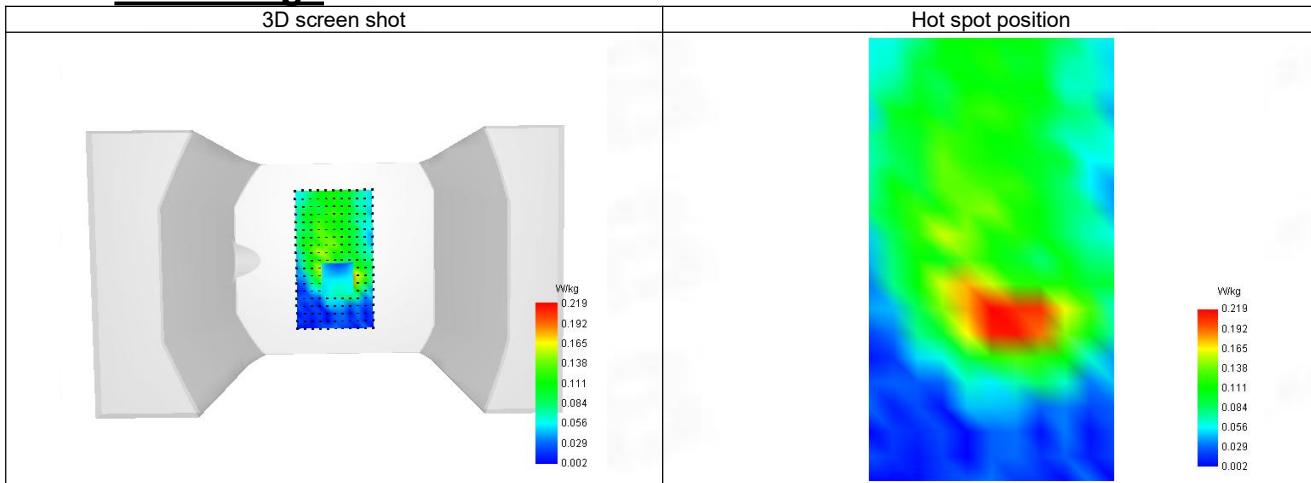
SAR 10g (W/Kg)	0.145
SAR 1g (W/Kg)	0.231
Variation (%)	-4.360
Horizontal validation criteria: minimum distance (mm)	8.265
Vertical validation criteria: SAR ratio M2/M1 (%)	65.58%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.301	0.215	0.141	0.099	0.076



F. 3D Image



17-Head with front position in dist. 0mm on Channel 21100 in LTE band 7

SAR Measurement at LTE band 7 (Cheek, Right)

Date of measurement: 26/7/2024

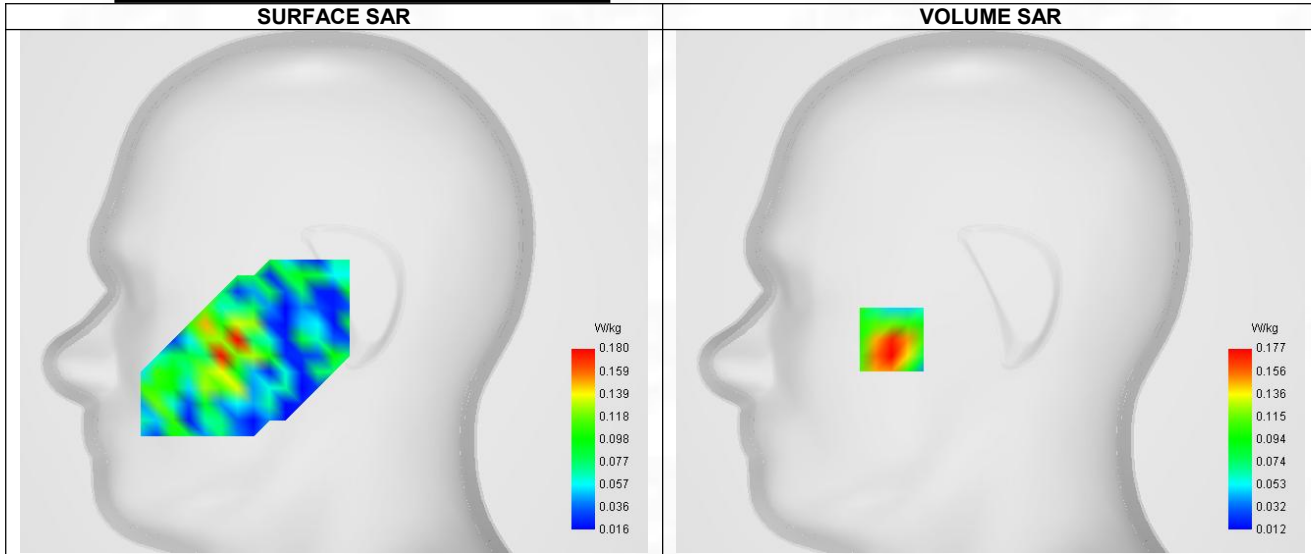
A. Experimental conditions.

Probe	SN 04/22 EPG0365
ConvF	2.40
Area Scan	dx=8mm dy=8mm, Adaptive 1 max
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm, Complete
Phantom	Right head
Device Position	Cheek
Band	LTE band 7
Channels	Middle (21100)
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	2526.090
Relative permittivity (real part)	38.979
Relative permittivity (imaginary part)	13.010
Conductivity (S/m)	1.891

C. SAR Surface and Volume



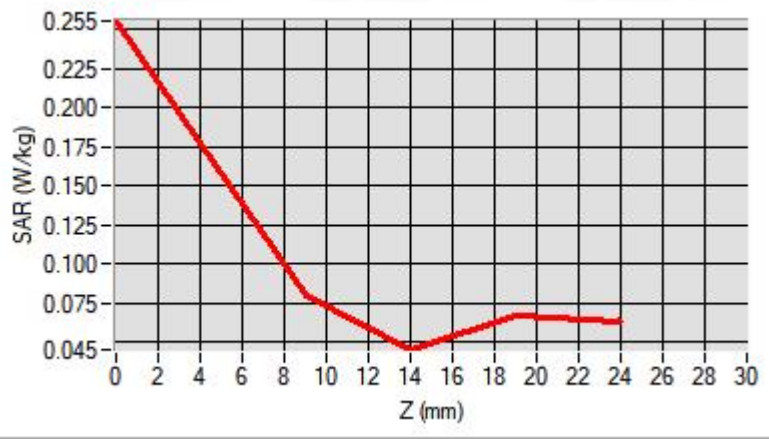
Maximum location: X=-49.00, Y=-24.00 ; SAR Peak: 0.37 W/kg

D. SAR 1g & 10g

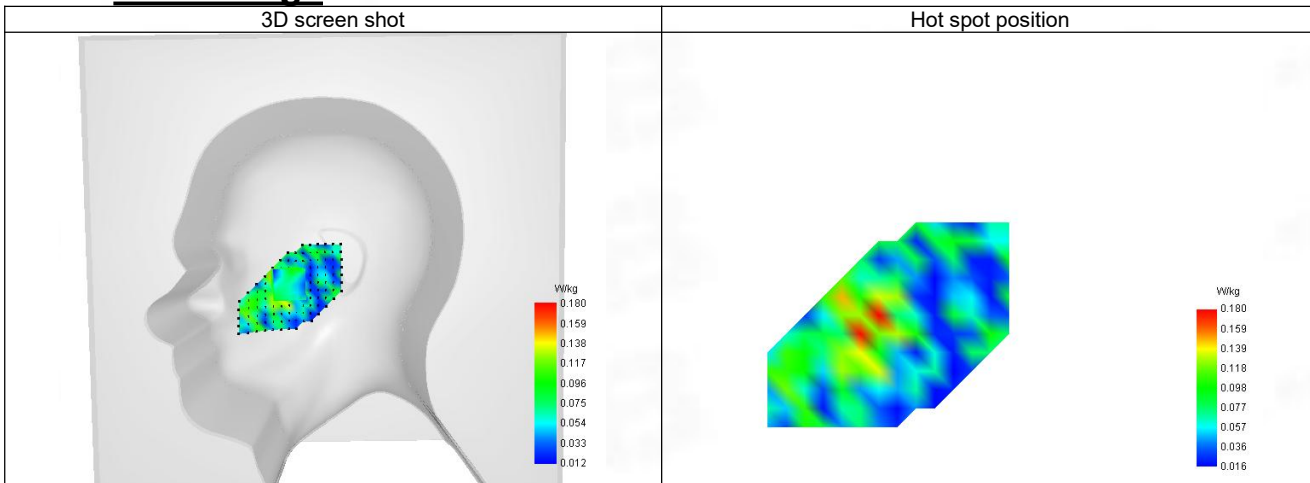
SAR 10g (W/Kg)	0.110
SAR 1g (W/Kg)	0.187
Variation (%)	2.910
Horizontal validation criteria: minimum distance (mm)	8.324
Vertical validation criteria: SAR ratio M2/M1 (%)	45.20%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.255	0.177	0.080	0.045	0.067



F. 3D Image



18-Body with back position in dist. 10mm on Channel 21100 in LTE band 7

SAR Measurement at LTE band 7 (Body, Validation Plane)

Date of measurement: 26/7/2024

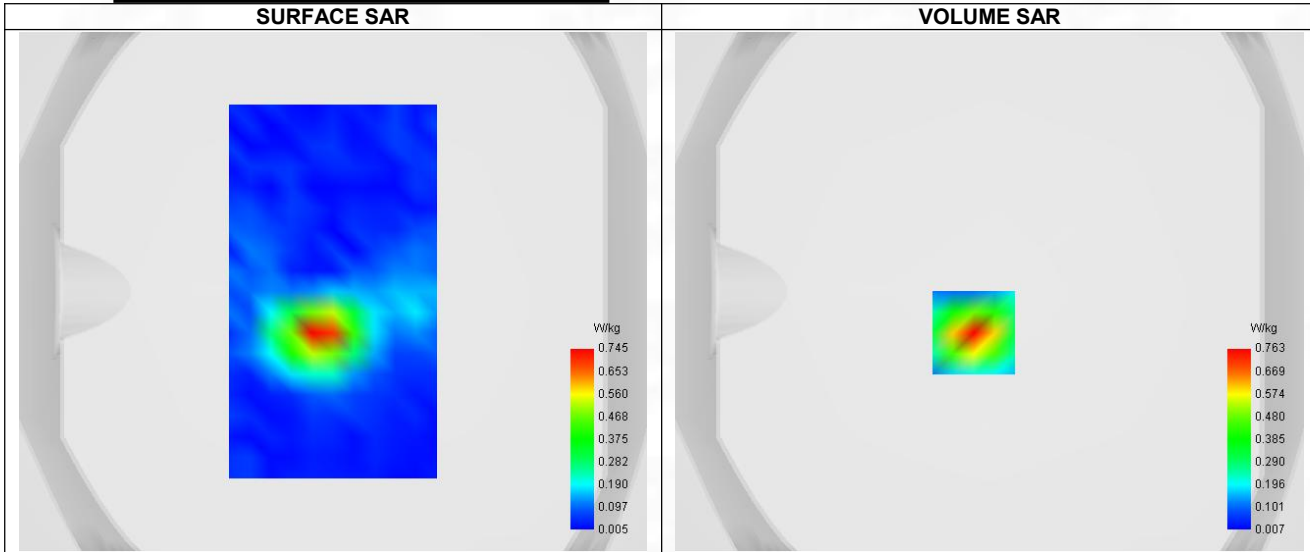
A. Experimental conditions.

Probe	SN 04/22 EPG0365
ConvF	2.40
Area Scan	dx=8mm dy=8mm, Adaptive 1 max
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 7
Channels	Middle (21100)
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	2526.090
Relative permittivity (real part)	38.979
Relative permittivity (imaginary part)	13.010
Conductivity (S/m)	1.891

C. SAR Surface and Volume



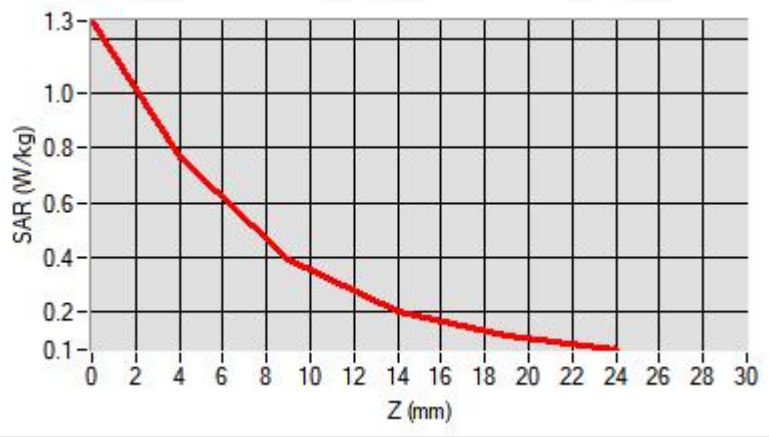
Maximum location: X=-6.00, Y=-16.00 ; SAR Peak: 1.27 W/kg

D. SAR 1g & 10g

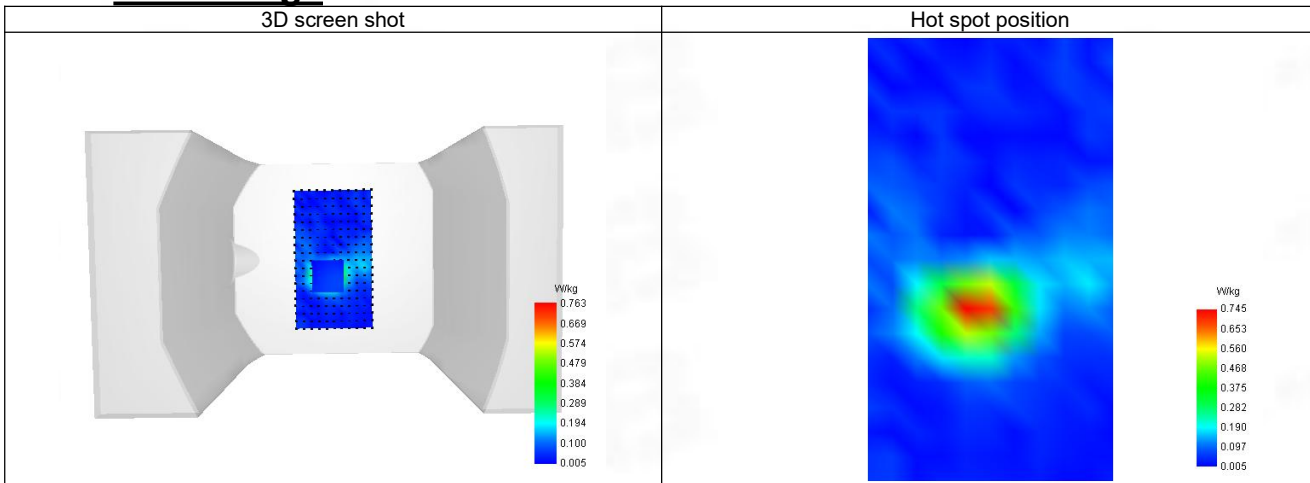
SAR 10g (W/Kg)	0.331
SAR 1g (W/Kg)	0.713
Variation (%)	2.480
Horizontal validation criteria: minimum distance (mm)	8.167
Vertical validation criteria: SAR ratio M2/M1 (%)	51.38%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.263	0.763	0.392	0.202	0.112



F. 3D Image



19-Head with front position in dist. 0mm on Channel 24075 in LTE band 19

SAR Measurement at LTE band 19 (Cheek, Right)

Date of measurement: 19/7/2024

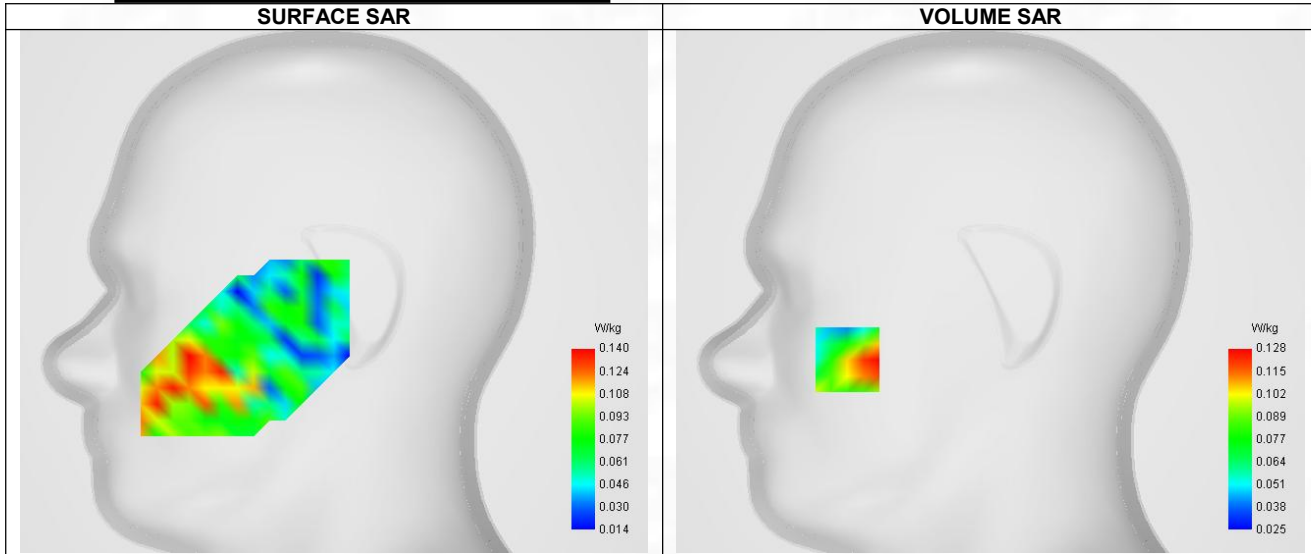
A. Experimental conditions.

Probe	SN 04/22 EPG0365
ConvF	1.68
Area Scan	dx=8mm dy=8mm, Adaptive 1 max
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm, Complete
Phantom	Right head
Device Position	Cheek
Band	LTE band 19
Channels	Middle (24075)
Signal	LTE FDD
Cell Bandwidth	15 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	830.840
Relative permittivity (real part)	41.429
Relative permittivity (imaginary part)	19.586
Conductivity (S/m)	0.870

C. SAR Surface and Volume



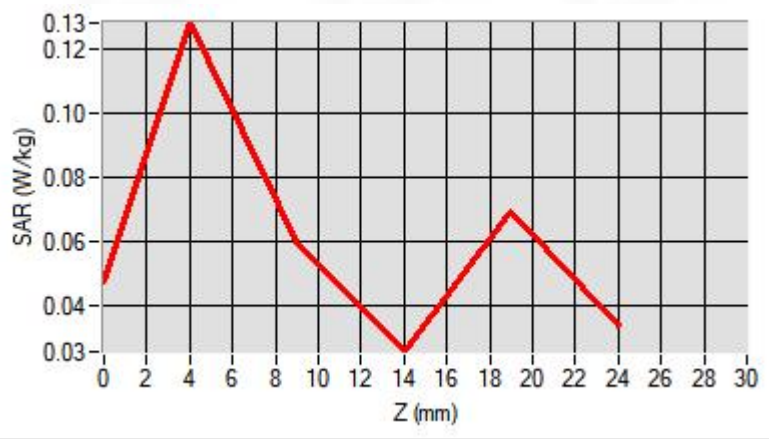
Maximum location: X=-71.00, Y=-34.00 ; SAR Peak: 0.26 W/kg

D. SAR 1g & 10g

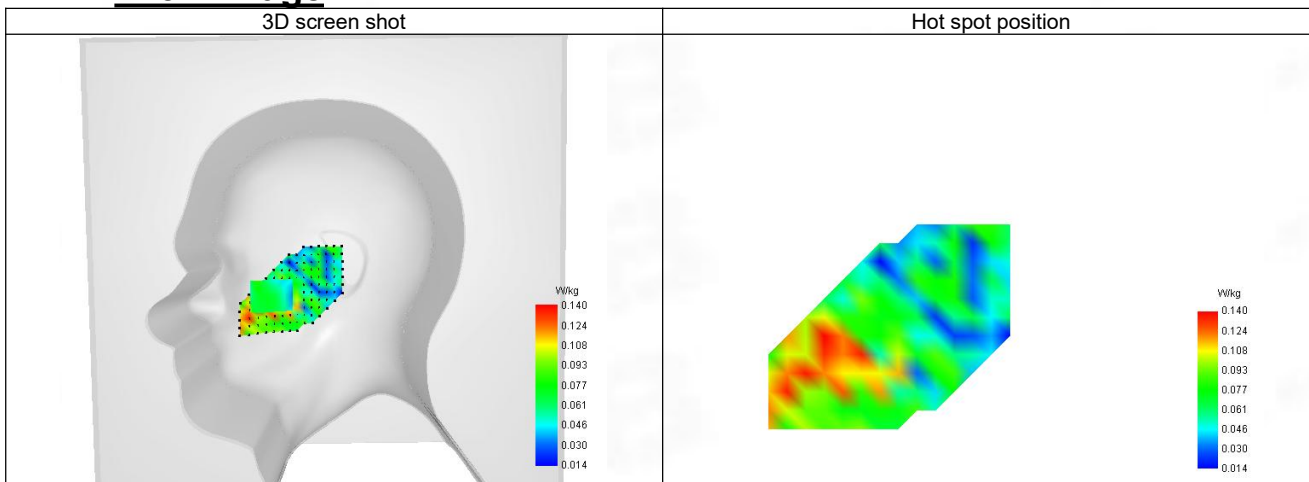
SAR 10g (W/Kg)	0.099
SAR 1g (W/Kg)	0.148
Variation (%)	-4.130
Horizontal validation criteria: minimum distance (mm)	8.451
Vertical validation criteria: SAR ratio M2/M1 (%)	46.88%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.048	0.128	0.060	0.026	0.069



F. 3D Image



20-Body with back position in dist. 10mm on Channel 24075 in LTE band 19

SAR Measurement at LTE band 19 (Body, Validation Plane)

Date of measurement: 19/7/2024

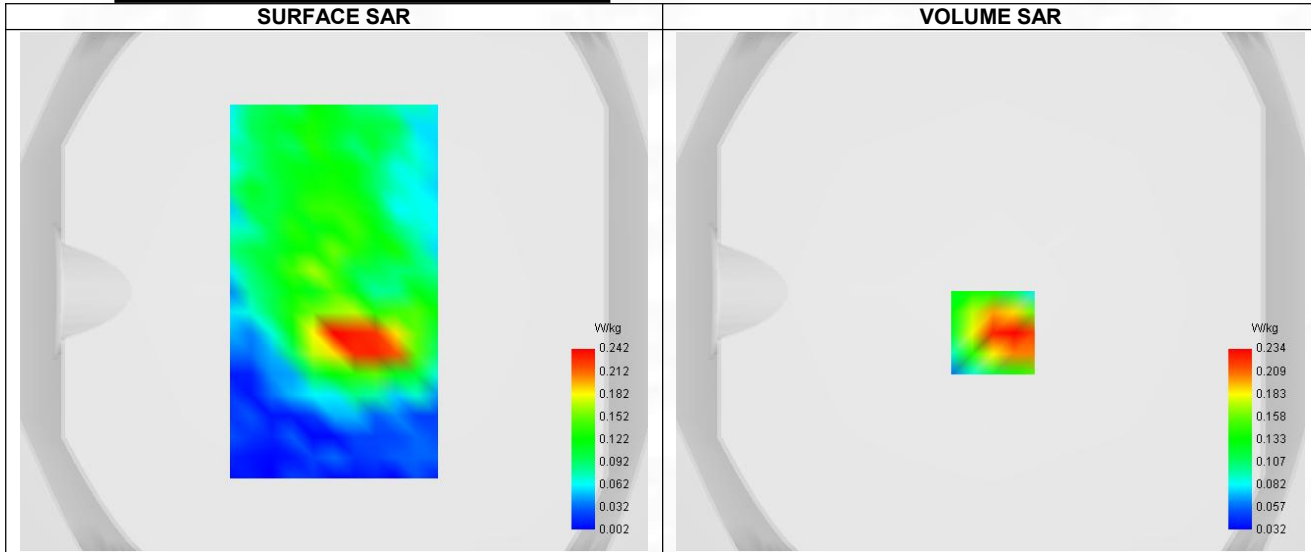
A. Experimental conditions.

Probe	SN 04/22 EPG0365
ConvF	1.68
Area Scan	dx=8mm dy=8mm, Adaptive 1 max
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 19
Channels	Middle (24075)
Signal	LTE FDD
Cell Bandwidth	15 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	830.840
Relative permittivity (real part)	41.429
Relative permittivity (imaginary part)	19.586
Conductivity (S/m)	0.870

C. SAR Surface and Volume



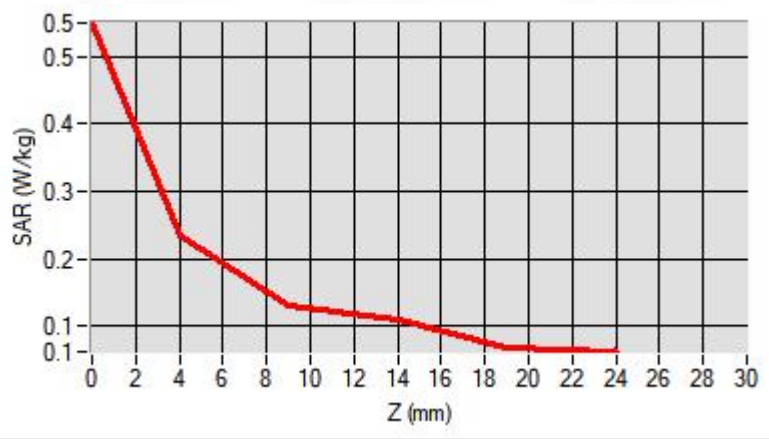
Maximum location: X=1.00, Y=-16.00 ; SAR Peak: 0.33 W/kg

D. SAR 1g & 10g

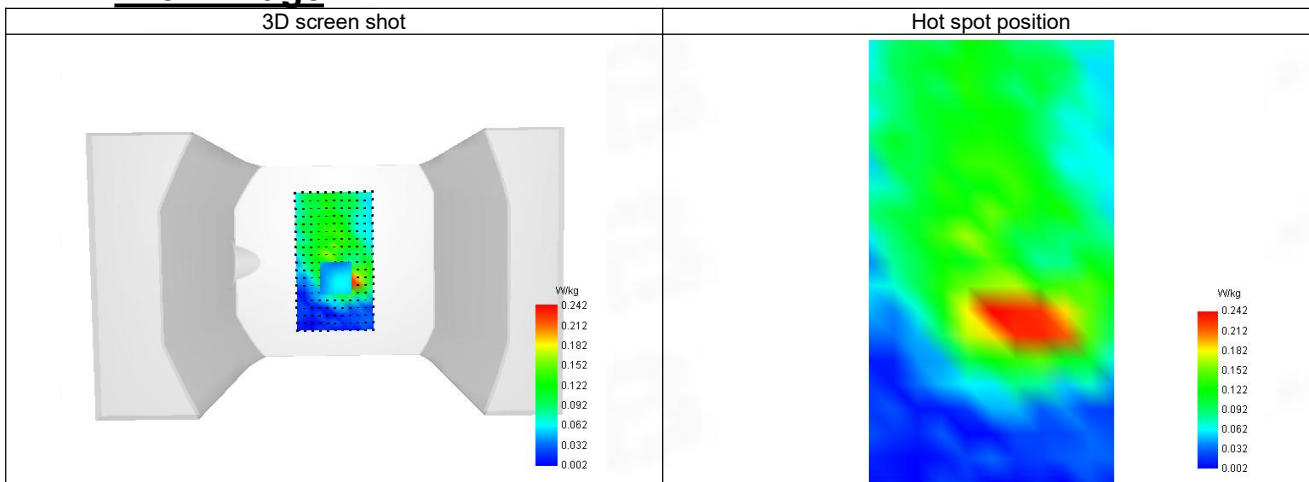
SAR 10g (W/Kg)	0.156
SAR 1g (W/Kg)	0.247
Variation (%)	-2.030
Horizontal validation criteria: minimum distance (mm)	8.315
Vertical validation criteria: SAR ratio M2/M1 (%)	55.98%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.549	0.234	0.131	0.111	0.069



F. 3D Image



21-Head with front position in dist. 0mm on Channel 26590 in LTE band 25

SAR Measurement at LTE band 25 (Cheek, Right)

Date of measurement: 22/7/2024

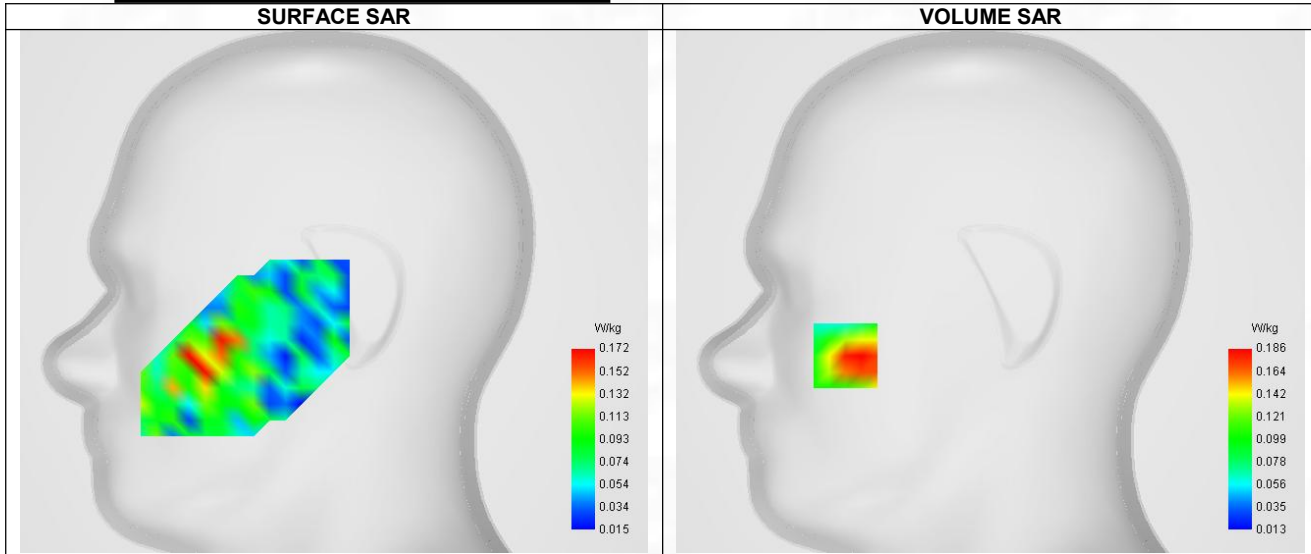
A. Experimental conditions.

Probe	SN 04/22 EPG0365
ConvF	2.24
Area Scan	dx=8mm dy=8mm, Adaptive 1 max
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm, Complete
Phantom	Right head
Device Position	Cheek
Band	LTE band 25
Channels	Higher (26590)
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	49
RB size	1

B. Permittivity

Frequency (MHz)	1904.910
Relative permittivity (real part)	39.873
Relative permittivity (imaginary part)	13.380
Conductivity (S/m)	1.414

C. SAR Surface and Volume



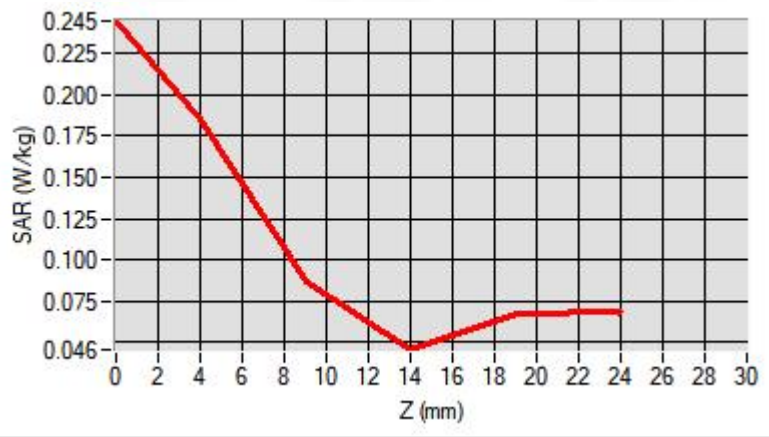
Maximum location: X=-72.00, Y=-32.00 ; SAR Peak: 0.38 W/kg

D. SAR 1g & 10g

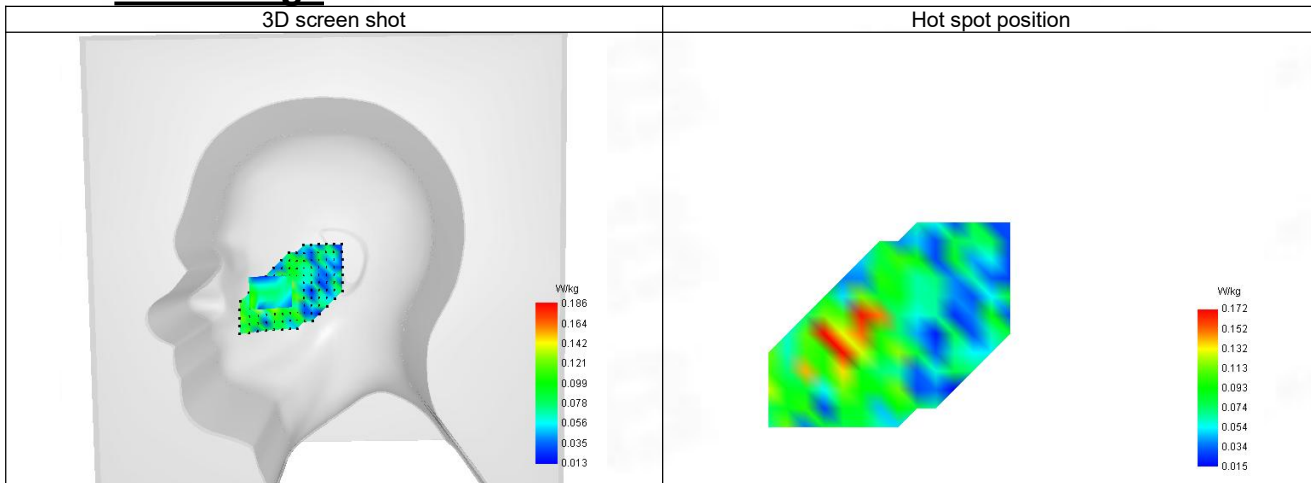
SAR 10g (W/Kg)	0.117
SAR 1g (W/Kg)	0.202
Variation (%)	-3.480
Horizontal validation criteria: minimum distance (mm)	8.842
Vertical validation criteria: SAR ratio M2/M1 (%)	46.77%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.245	0.186	0.087	0.046	0.067



F. 3D Image



22-Body with back position in dist. 10mm on Channel 26365 in LTE band 25

SAR Measurement at LTE band 25 (Body, Validation Plane)

Date of measurement: 22/7/2024

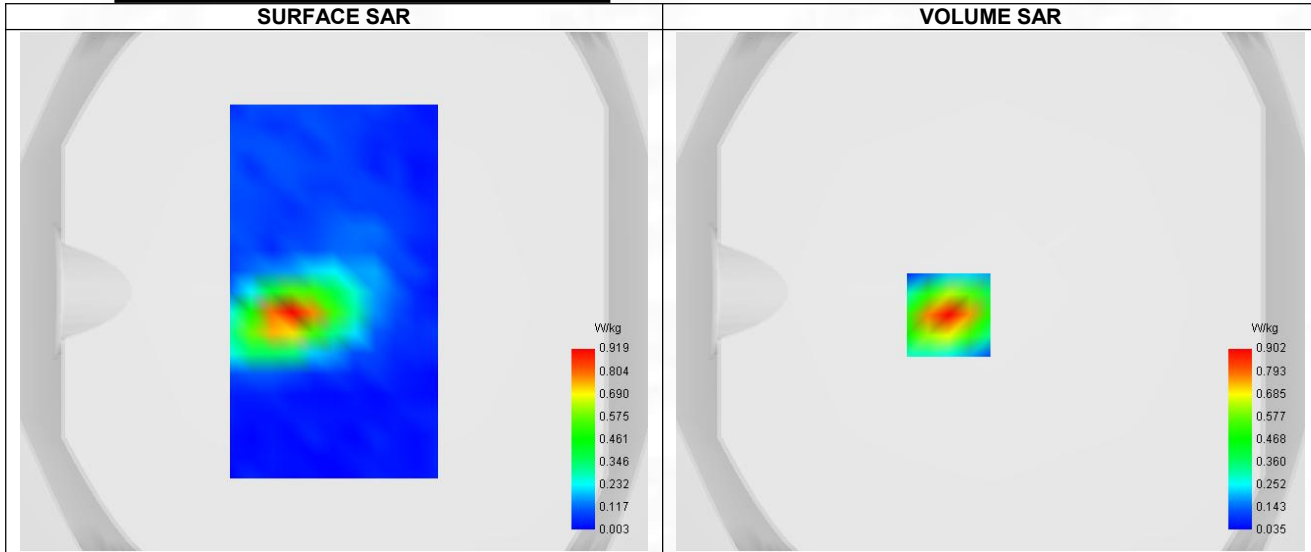
A. Experimental conditions.

Probe	SN 04/22 EPG0365
ConvF	2.24
Area Scan	dx=8mm dy=8mm, Adaptive 1 max
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 25
Channels	Higher (26590)
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	49
RB size	1

B. Permittivity

Frequency (MHz)	1904.910
Relative permittivity (real part)	39.873
Relative permittivity (imaginary part)	13.380
Conductivity (S/m)	1.414

C. SAR Surface and Volume



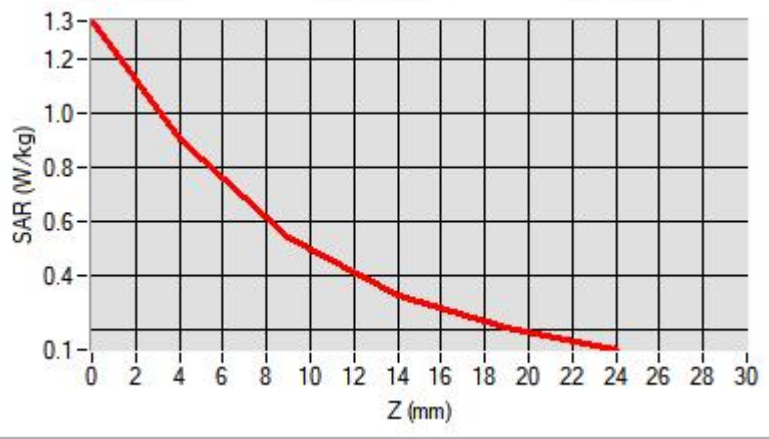
Maximum location: X=-16.00, Y=-9.00 ; SAR Peak: 1.34 W/kg

D. SAR 1g & 10g

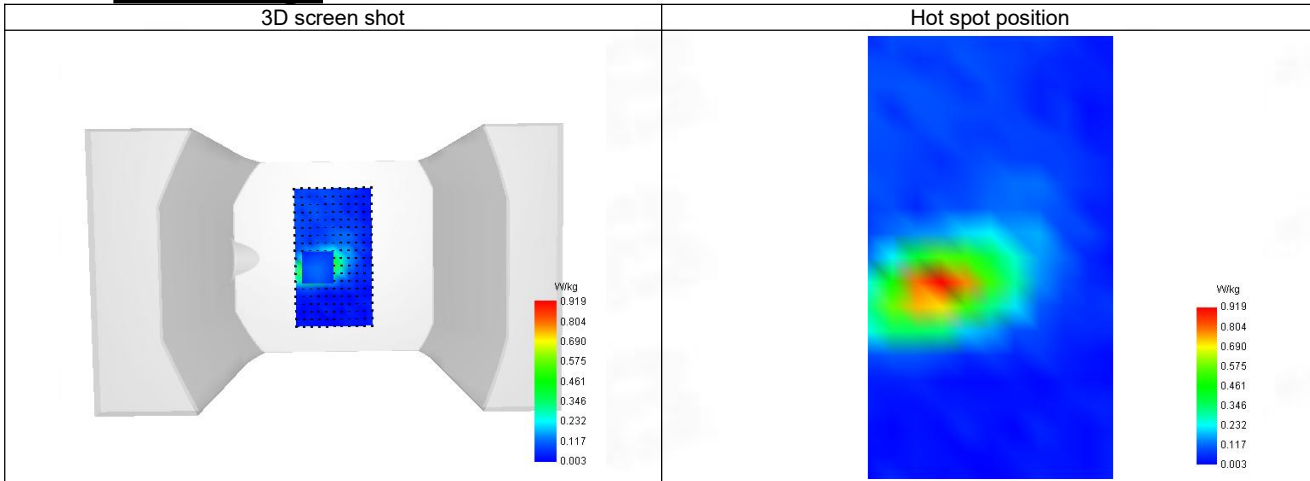
SAR 10g (W/Kg)	0.457
SAR 1g (W/Kg)	0.881
Variation (%)	0.490
Horizontal validation criteria: minimum distance (mm)	8.346
Vertical validation criteria: SAR ratio M2/M1 (%)	59.76%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	1.344	0.902	0.539	0.324	0.202



F. 3D Image



23-Head with front position in dist. 0mm on Channel 26740 in LTE band 26 Part 90

SAR Measurement at LTE band 26 (Cheek, Right)

Date of measurement: 19/7/2024

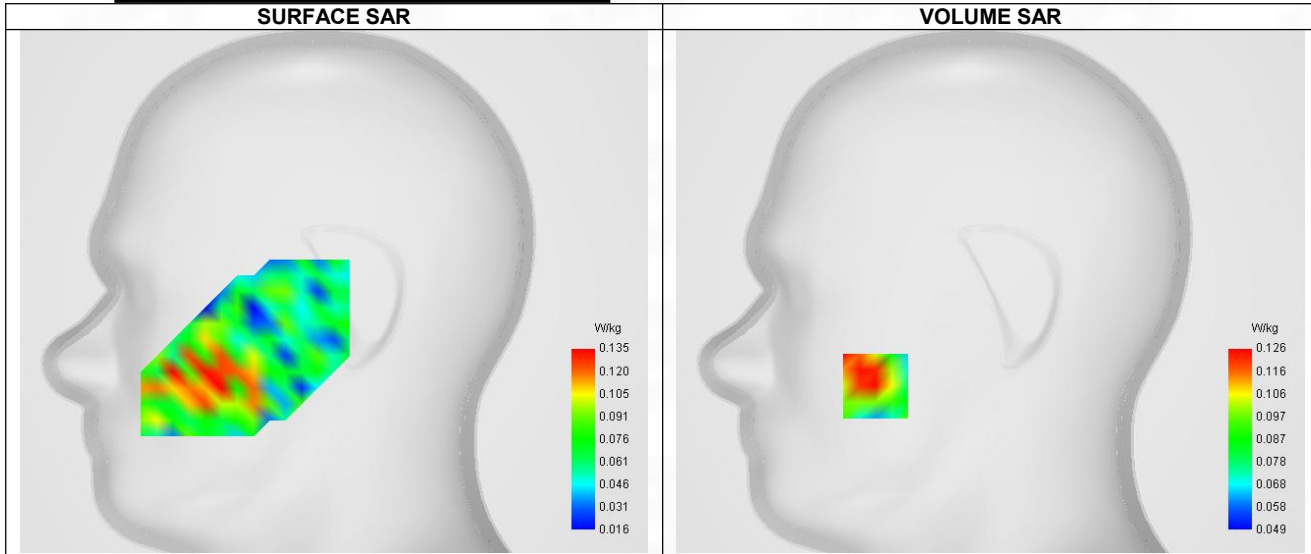
A. Experimental conditions.

Probe	SN 04/22 EPG0365
ConvF	1.68
Area Scan	dx=8mm dy=8mm, Adaptative 1 max
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	LTE band 26
Channels	Middle (26740)
Signal	LTE FDD
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
RB offset	49
RB size	1

B. Permittivity

Frequency (MHz)	823.410
Relative permittivity (real part)	41.463
Relative permittivity (imaginary part)	19.759
Conductivity (S/m)	0.869

C. SAR Surface and Volume



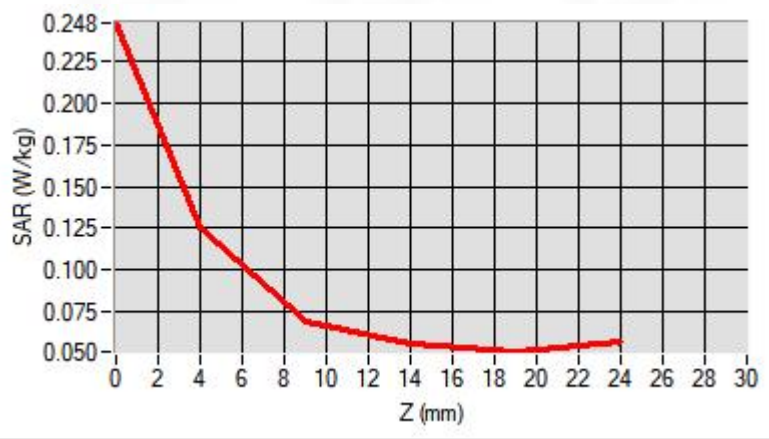
Maximum location: X=-57.00, Y=-47.00 ; SAR Peak: 0.20 W/kg

D. SAR 1g & 10g

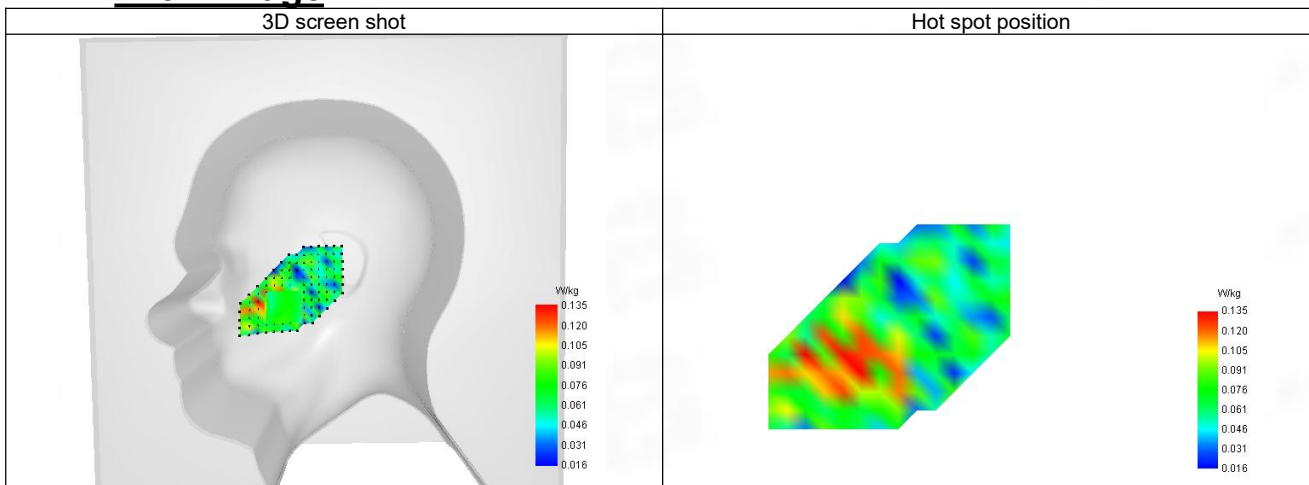
SAR 10g (W/Kg)	0.109
SAR 1g (W/Kg)	0.139
Variation (%)	-3.880
Horizontal validation criteria: minimum distance (mm)	8.179
Vertical validation criteria: SAR ratio M2/M1 (%)	54.76%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.248	0.126	0.069	0.055	0.050



F. 3D Image



24-Body with back position in dist. 10mm on Channel 26740 in LTE band 26 Part 90

SAR Measurement at LTE band 26 (Body, Validation Plane)

Date of measurement: 19/7/2024

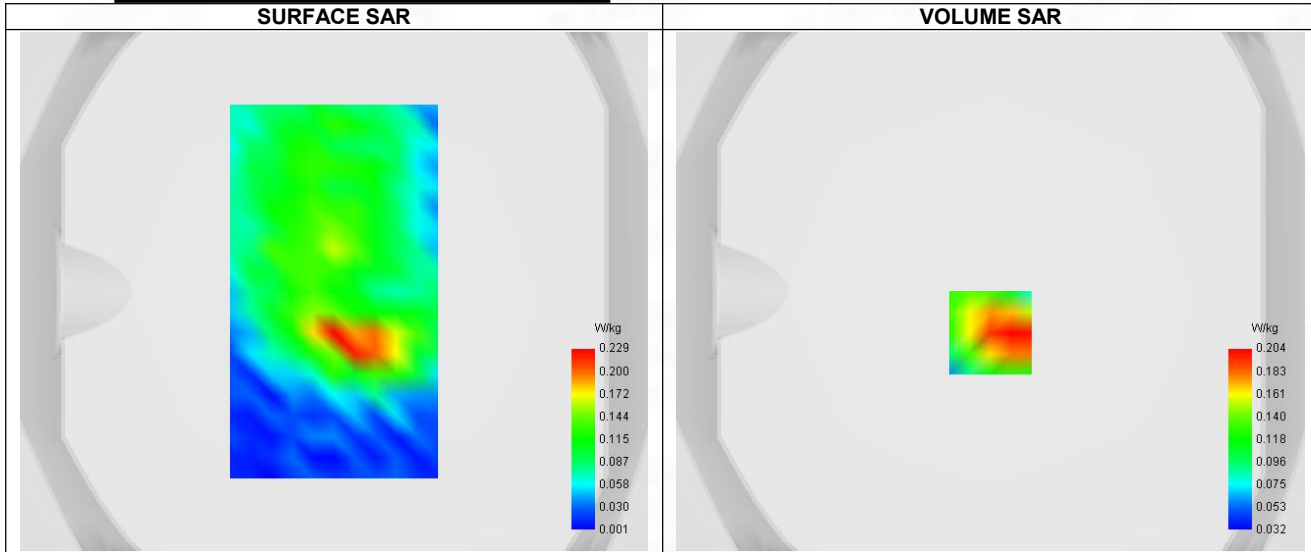
A. Experimental conditions.

Probe	SN 04/22 EPG0365
ConvF	1.68
Area Scan	dx=8mm dy=8mm, Adaptative 1 max
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 26
Channels	Middle (26740)
Signal	LTE FDD
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
RB offset	49
RB size	1

B. Permittivity

Frequency (MHz)	823.410
Relative permittivity (real part)	41.463
Relative permittivity (imaginary part)	19.759
Conductivity (S/m)	0.869

C. SAR Surface and Volume



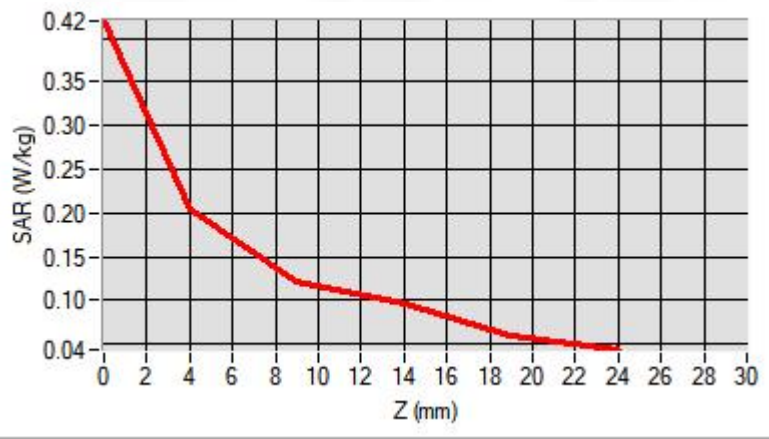
Maximum location: X=0.00, Y=-16.00 ; SAR Peak: 0.31 W/kg

D. SAR 1g & 10g

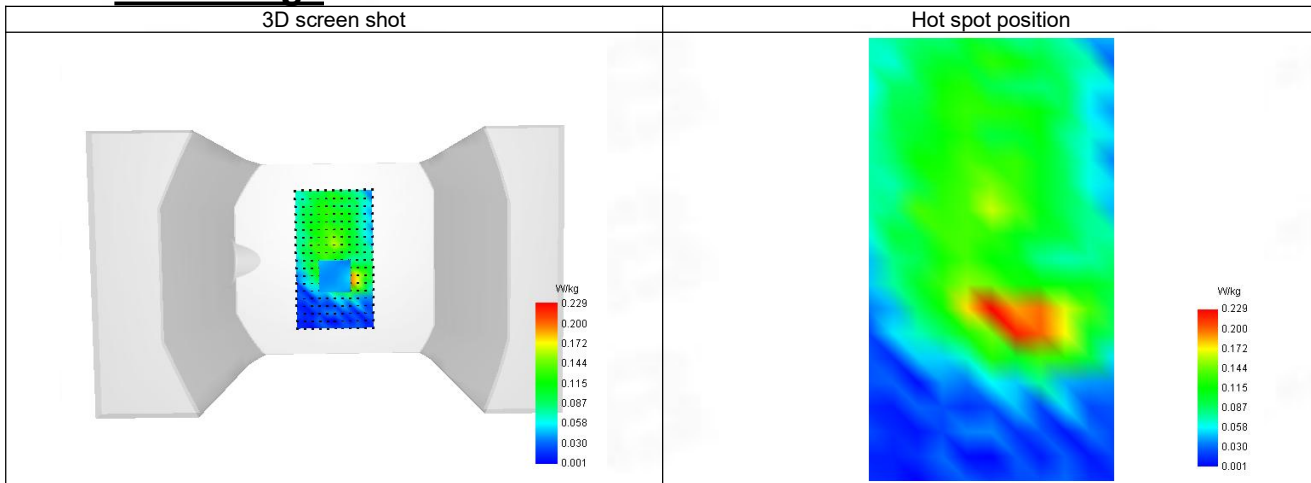
SAR 10g (W/Kg)	0.136
SAR 1g (W/Kg)	0.220
Variation (%)	-3.070
Horizontal validation criteria: minimum distance (mm)	8.476
Vertical validation criteria: SAR ratio M2/M1 (%)	59.31%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.420	0.204	0.121	0.096	0.059



F. 3D Image



25-Head with front position in dist. 0mm on Channel 26865 in LTE band 26 Part 22

SAR Measurement at LTE band 26 (Cheek, Right)

Date of measurement: 19/7/2024

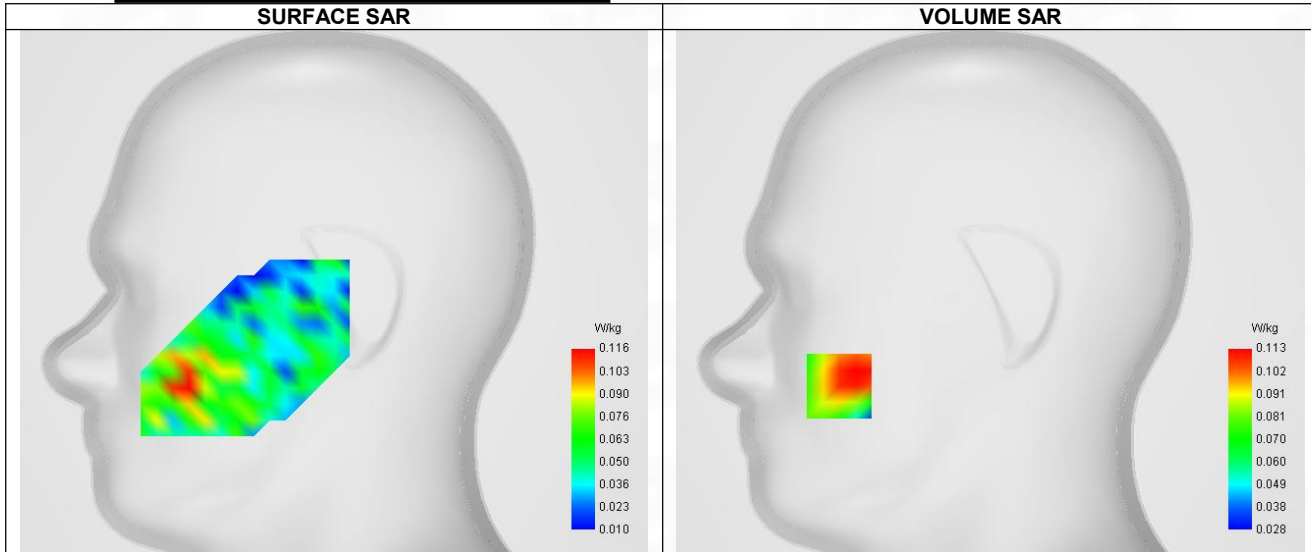
A. Experimental conditions.

Probe	SN 04/22 EPG0365
ConvF	1.68
Area Scan	dx=8mm dy=8mm, Adaptative 1 max
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	LTE band 26
Channels	Lower (26865)
Signal	LTE FDD
Cell Bandwidth	15 Mhz
Modulation	SC-OFDM - QPSK
RB offset	38
RB size	1

B. Permittivity

Frequency (MHz)	831.680
Relative permittivity (real part)	41.425
Relative permittivity (imaginary part)	19.567
Conductivity (S/m)	0.870

C. SAR Surface and Volume



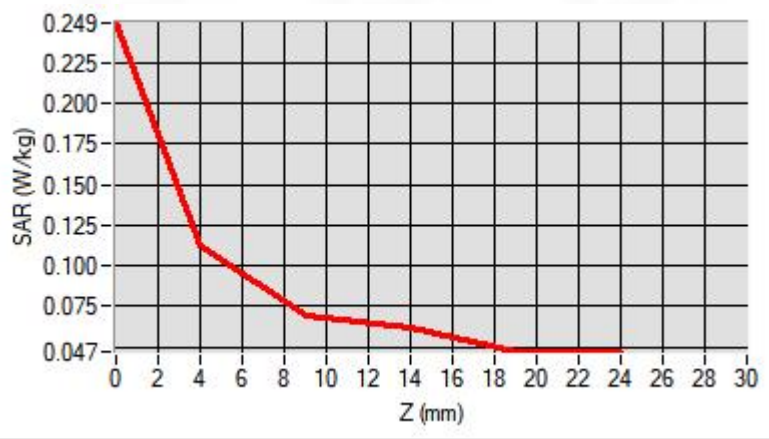
Maximum location: X=-75.00, Y=-47.00 ; SAR Peak: 0.18 W/kg

D. SAR 1g & 10g

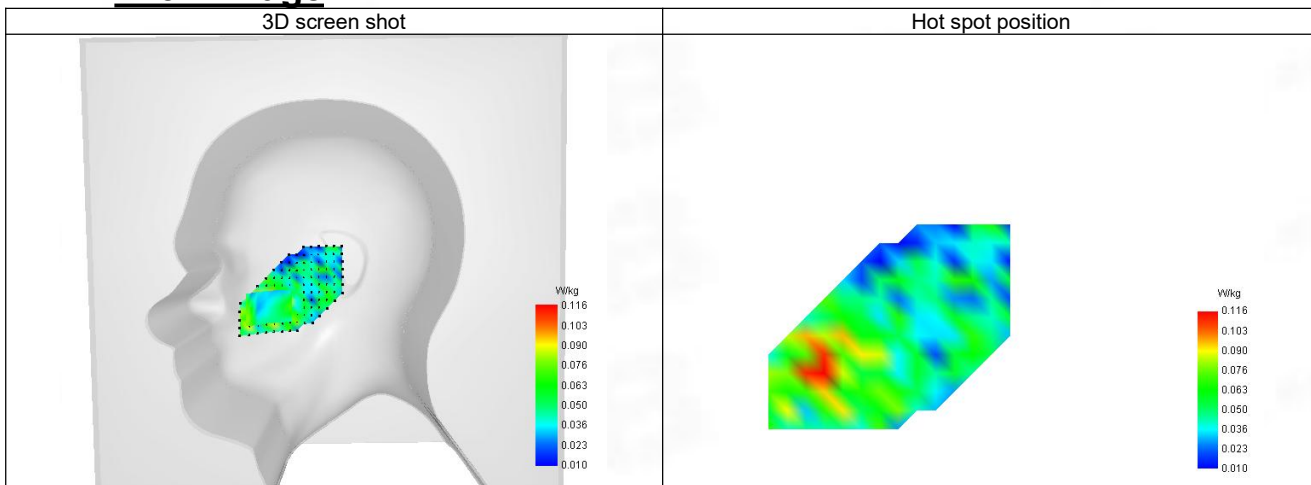
SAR 10g (W/Kg)	0.090
SAR 1g (W/Kg)	0.126
Variation (%)	-0.840
Horizontal validation criteria: minimum distance (mm)	8.524
Vertical validation criteria: SAR ratio M2/M1 (%)	61.06%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.249	0.113	0.069	0.063	0.047



F. 3D Image



26-Body with back position in dist. 10mm on Channel 26865 in LTE band 26 Part 22

SAR Measurement at LTE band 26 (Body, Validation Plane)

Date of measurement: 19/7/2024

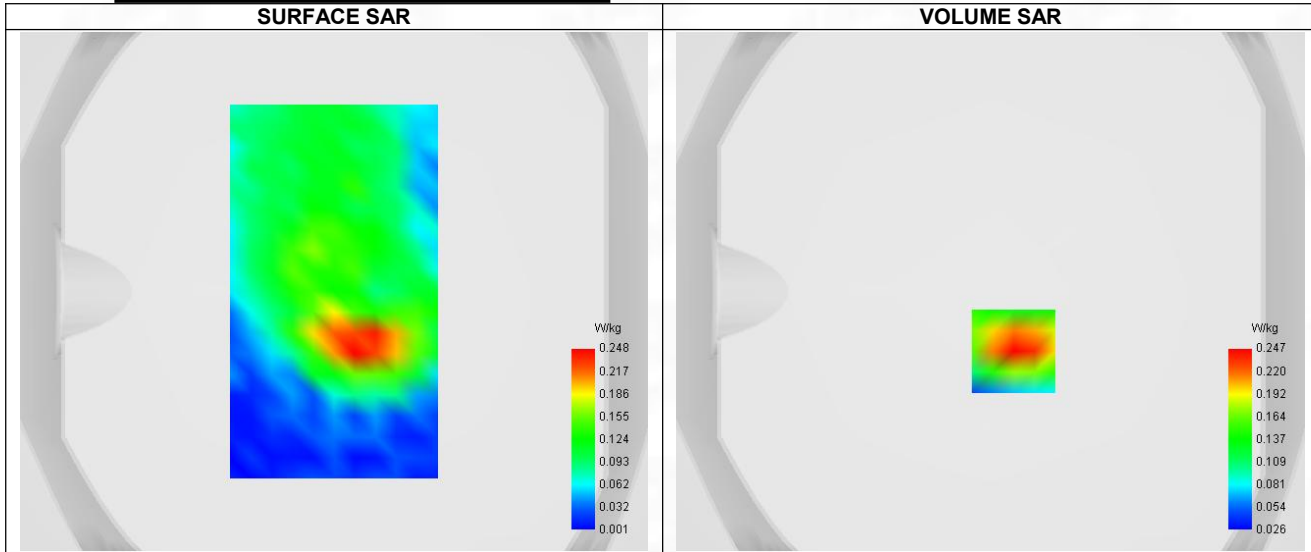
A. Experimental conditions.

Probe	SN 04/22 EPG0365
ConvF	1.68
Area Scan	dx=8mm dy=8mm, Adaptative 1 max
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 26
Channels	Lower (26865)
Signal	LTE FDD
Cell Bandwidth	15 Mhz
Modulation	SC-OFDM - QPSK
RB offset	38
RB size	1

B. Permittivity

Frequency (MHz)	831.680
Relative permittivity (real part)	41.425
Relative permittivity (imaginary part)	19.567
Conductivity (S/m)	0.870

C. SAR Surface and Volume



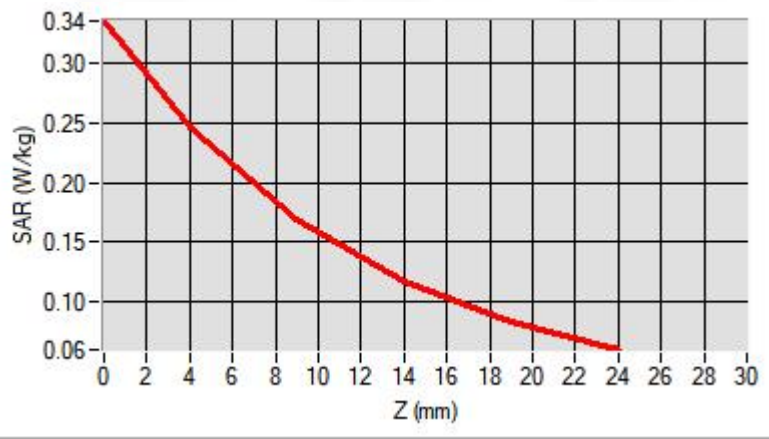
Maximum location: X=9.00, Y=-23.00 ; SAR Peak: 0.35 W/kg

D. SAR 1g & 10g

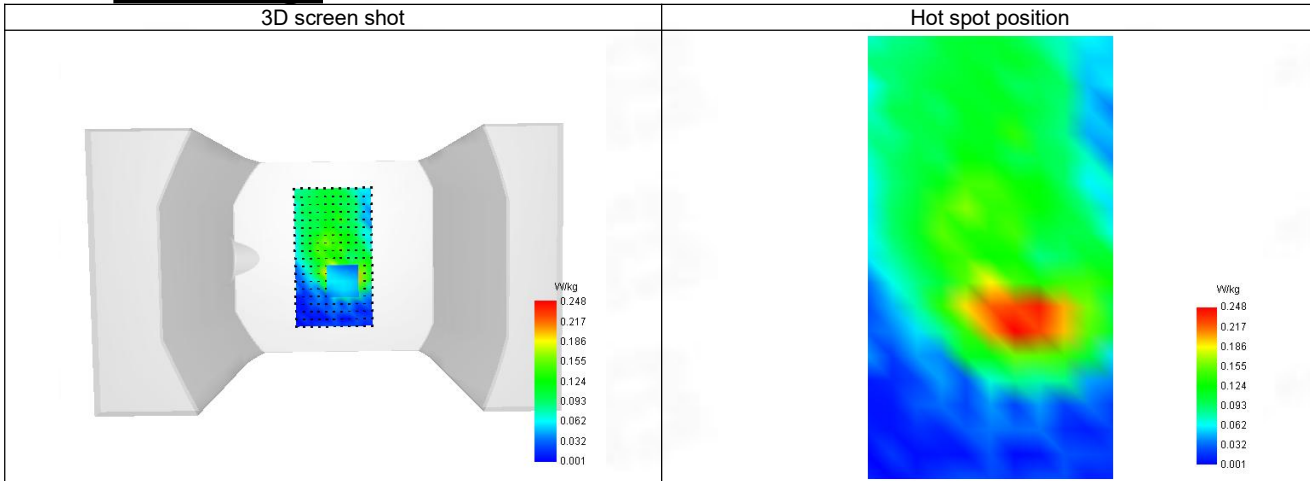
SAR 10g (W/Kg)	0.159
SAR 1g (W/Kg)	0.260
Variation (%)	-4.120
Horizontal validation criteria: minimum distance (mm)	8.134
Vertical validation criteria: SAR ratio M2/M1 (%)	68.42%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.336	0.247	0.169	0.117	0.083



F. 3D Image



27-Head with front position in dist. 0mm on Channel 38150 in LTE band 38

SAR Measurement at LTE band 38 (Cheek, Right)

Date of measurement: 26/7/2024

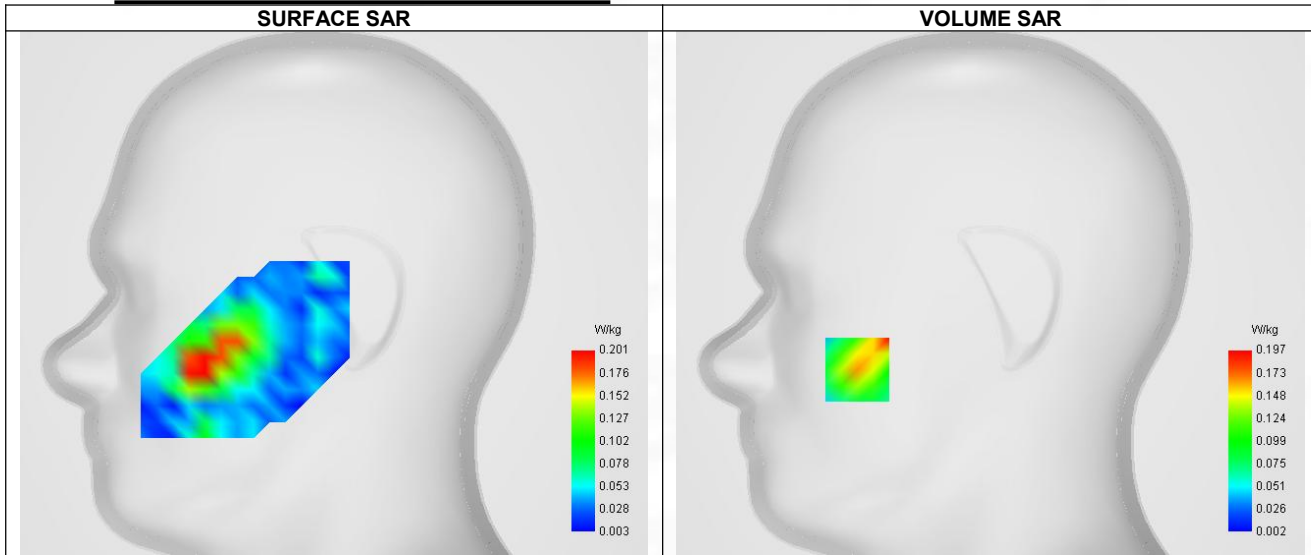
A. Experimental conditions.

Probe	SN 04/22 EPG0365
ConvF	2.40
Area Scan	dx=8mm dy=8mm, Adaptive 1 max
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm, Complete
Phantom	Right head
Device Position	Cheek
Band	LTE band 38
Channels	Higher (38150)
Signal	LTE TDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1
Subframe configuration	0
Special subframe configuration	0
Cyclic prefix	Normal
Duty Cycle (%)	0.61

B. Permittivity

Frequency (MHz)	2601.090
Relative permittivity (real part)	38.879
Relative permittivity (imaginary part)	12.691
Conductivity (S/m)	1.971

C. SAR Surface and Volume



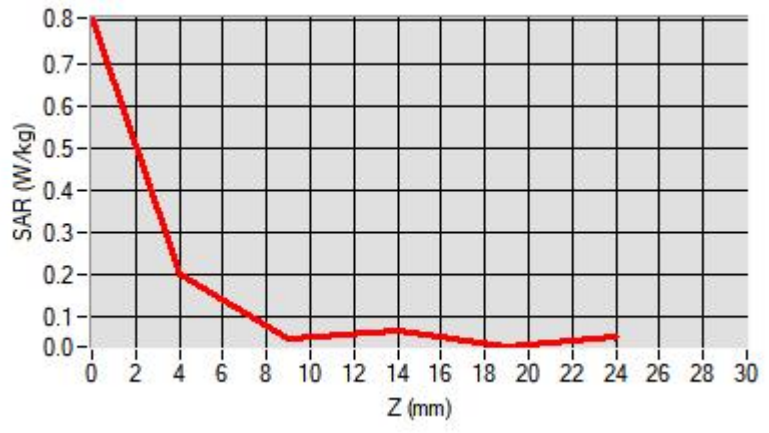
D. SAR 1g & 10g

SAR 10g (W/Kg)	0.103
SAR 1g (W/Kg)	0.169
Variation (%)	1.550
Horizontal validation criteria: minimum distance (mm)	8.247

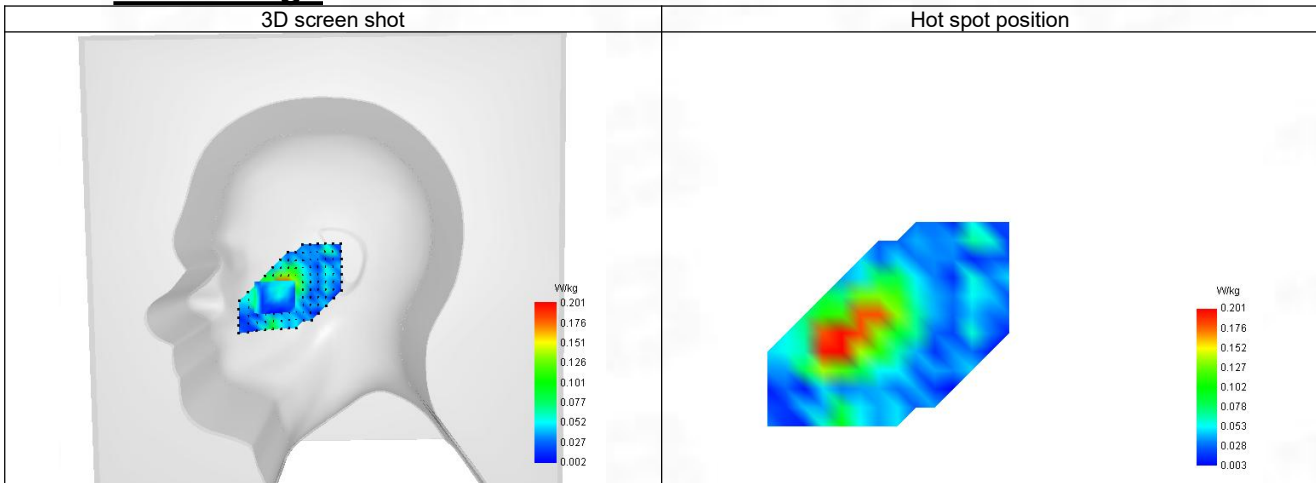
Vertical validation criteria: SAR ratio M2/M1 (%)	23.35%
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E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.807	0.197	0.046	0.064	0.028



F. 3D Image



28-Body with back position in dist. 10mm on Channel 38150 in LTE band 38

SAR Measurement at LTE band 38 (Body, Validation Plane)

Date of measurement: 26/7/2024

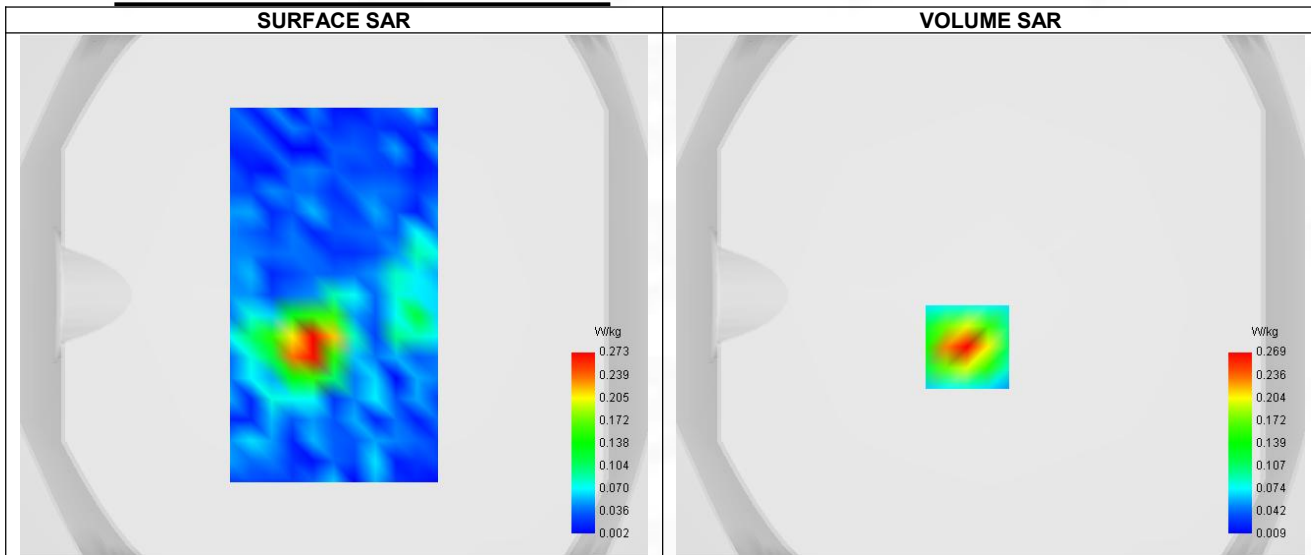
A. Experimental conditions.

Probe	SN 04/22 EPG0365
ConvF	2.40
Area Scan	dx=8mm dy=8mm, Adaptive 1 max
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 38
Channels	Higher (38150)
Signal	LTE TDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1
Subframe configuration	0
Special subframe configuration	0
Cyclic prefix	Normal
Duty Cycle (%)	0.61

B. Permittivity

Frequency (MHz)	2601.090
Relative permittivity (real part)	38.879
Relative permittivity (imaginary part)	12.691
Conductivity (S/m)	1.971

C. SAR Surface and Volume



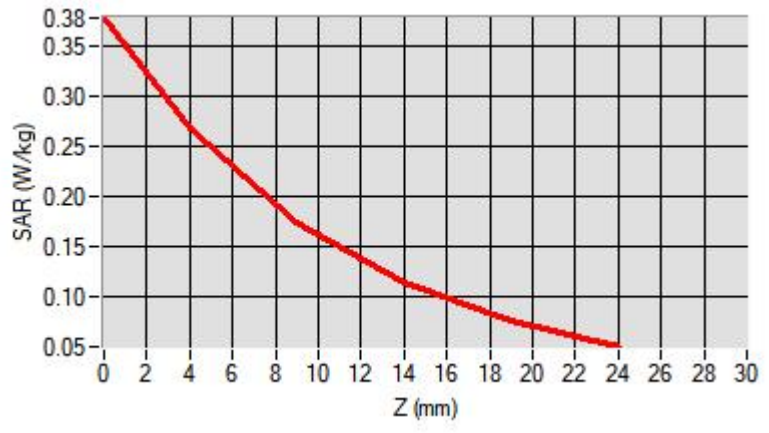
D. SAR 1g & 10g

SAR 10g (W/Kg)	0.135
SAR 1g (W/Kg)	0.254
Variation (%)	3.710
Horizontal validation criteria: minimum distance (mm)	8.539

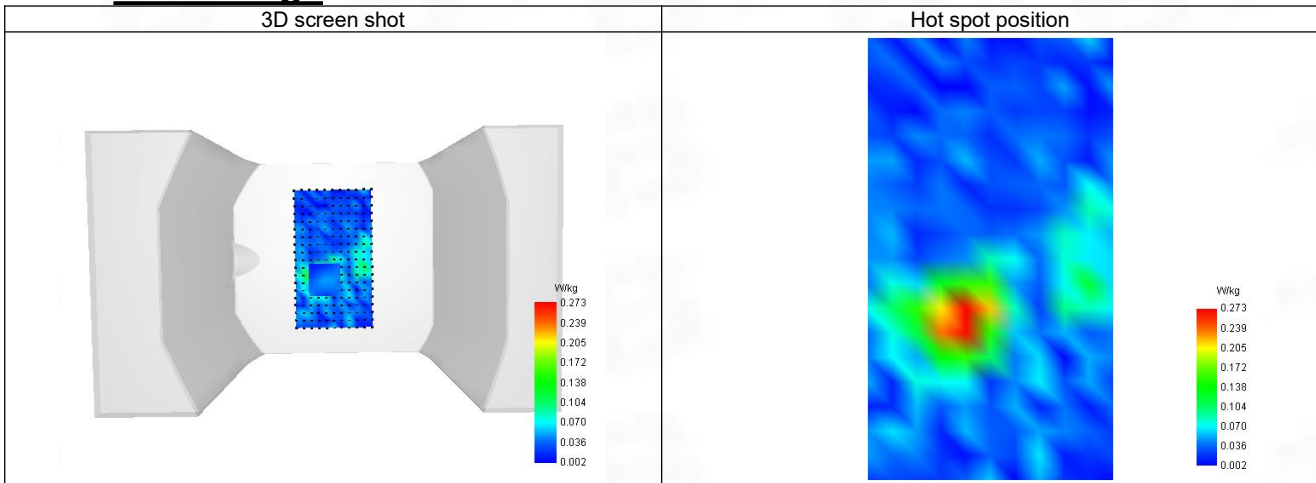
Vertical validation criteria: SAR ratio M2/M1 (%)	64.68%
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E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.378	0.269	0.174	0.114	0.077



F. 3D Image



29-Head with front position in dist. 0mm on Channel 40590 in LTE band 41

SAR Measurement at LTE band 41 (Cheek, Right)

Date of measurement: 29/7/2024

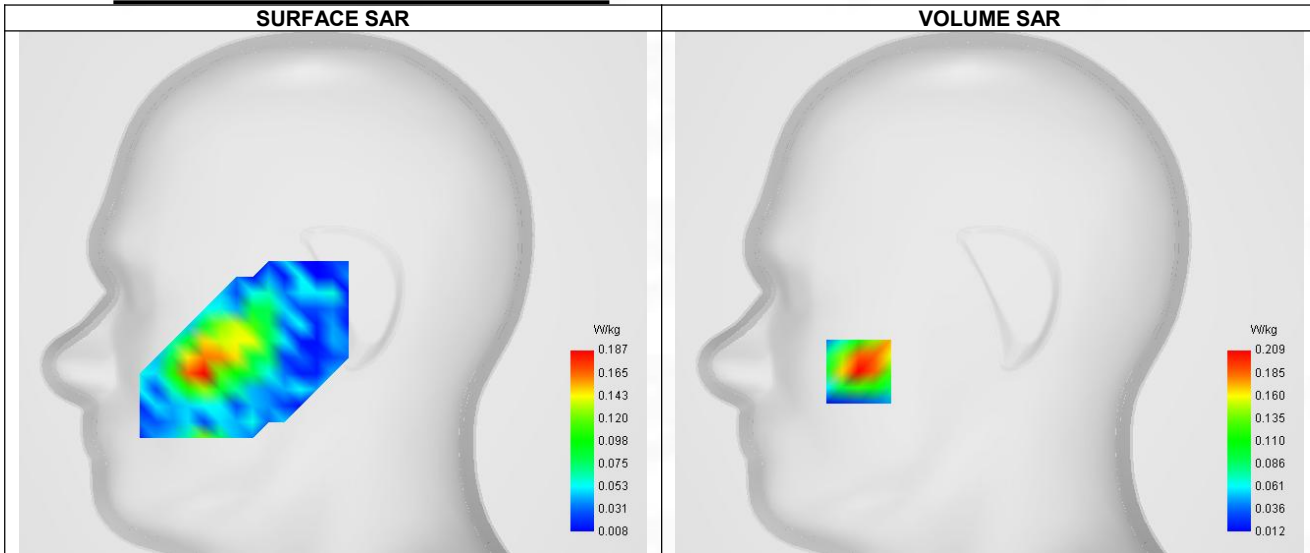
A. Experimental conditions.

Probe	SN 04/22 EPG0365
ConvF	2.40
Area Scan	dx=8mm dy=8mm, Adaptive 1 max
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm, Complete
Phantom	Right head
Device Position	Cheek
Band	LTE band 41
Channels	Middle (40590)
Signal	LTE TDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	99
RB size	1
Subframe configuration	0
Special subframe configuration	0
Cyclic prefix	Normal
Duty Cycle (%)	0.61

B. Permittivity

Frequency (MHz)	2598.910
Relative permittivity (real part)	38.881
Relative permittivity (imaginary part)	12.695
Conductivity (S/m)	1.969

C. SAR Surface and Volume



Maximum location: X=-65.00, Y=-39.00 ; SAR Peak: 0.31 W/kg

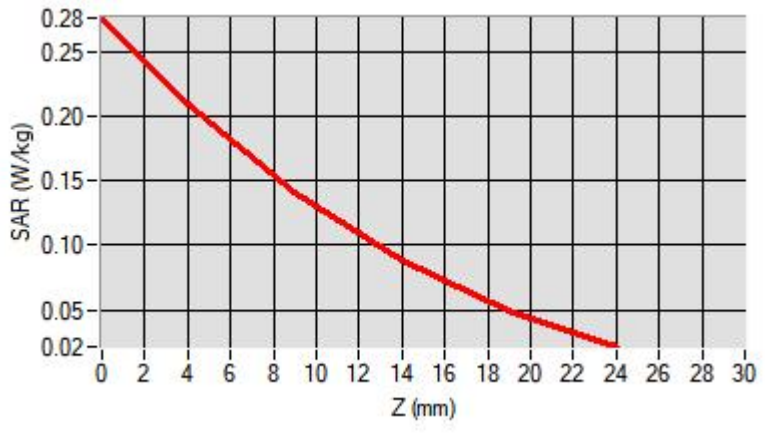
D. SAR 1g & 10g

SAR 10g (W/Kg)	0.118
SAR 1g (W/Kg)	0.202
Variation (%)	-1.090
Horizontal validation criteria: minimum distance (mm)	8.348

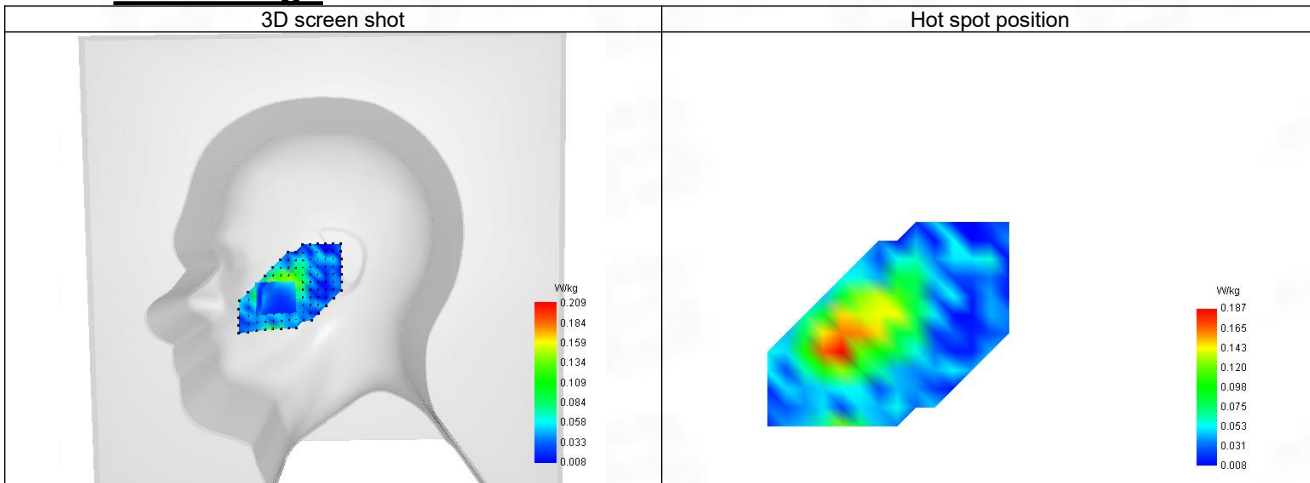
Vertical validation criteria: SAR ratio M2/M1 (%)	67.46%
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E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.276	0.209	0.141	0.088	0.049



F. 3D Image



30-Body with back position in dist. 10mm on Channel 40590 in LTE band 41

SAR Measurement at LTE band 41 (Body, Validation Plane)

Date of measurement: 29/7/2024

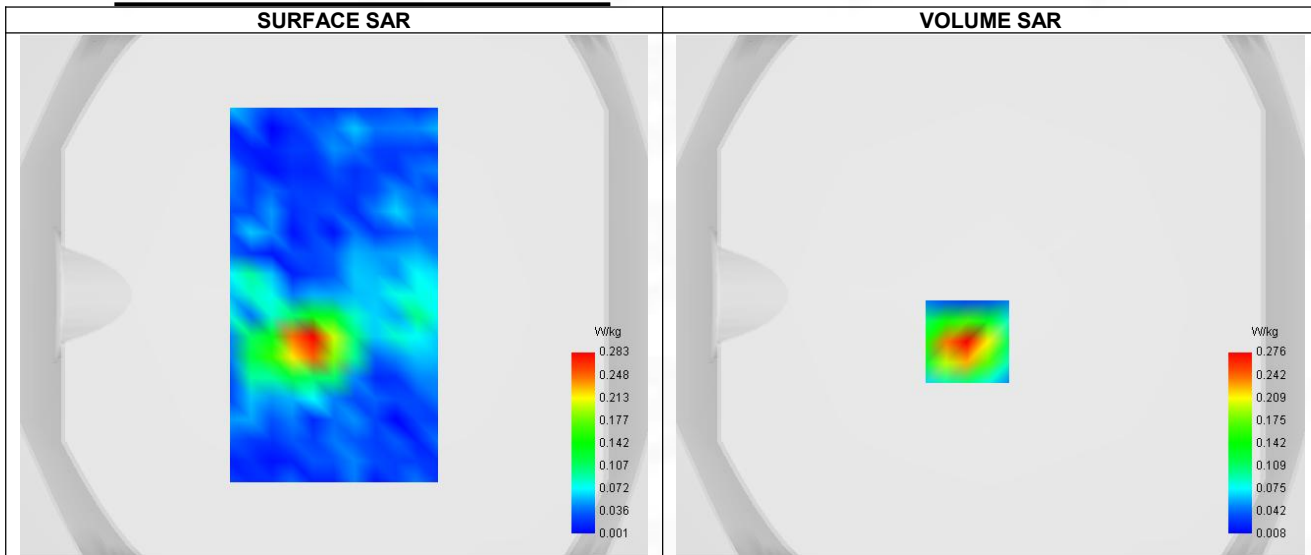
A. Experimental conditions.

Probe	SN 04/22 EPGO365
ConvF	2.40
Area Scan	dx=8mm dy=8mm, Adaptative 1 max
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 41
Channels	Middle (40590)
Signal	LTE TDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	99
RB size	1
Subframe configuration	0
Special subframe configuration	0
Cyclic prefix	Normal
Duty Cycle (%)	0.61

B. Permittivity

Frequency (MHz)	2598.910
Relative permittivity (real part)	38.881
Relative permittivity (imaginary part)	12.695
Conductivity (S/m)	1.969

C. SAR Surface and Volume



Maximum location: X=-9.00, Y=-18.00 ; SAR Peak: 0.43 W/kg

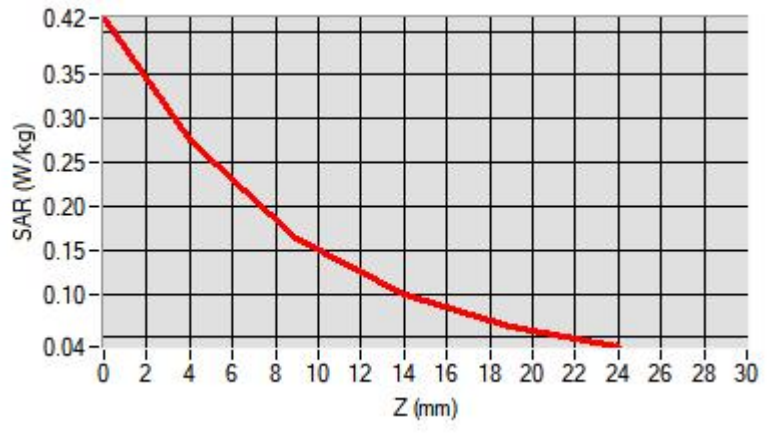
D. SAR 1g & 10g

SAR 10g (W/Kg)	0.134
SAR 1g (W/Kg)	0.262
Variation (%)	-2.730
Horizontal validation criteria: minimum distance (mm)	8.537

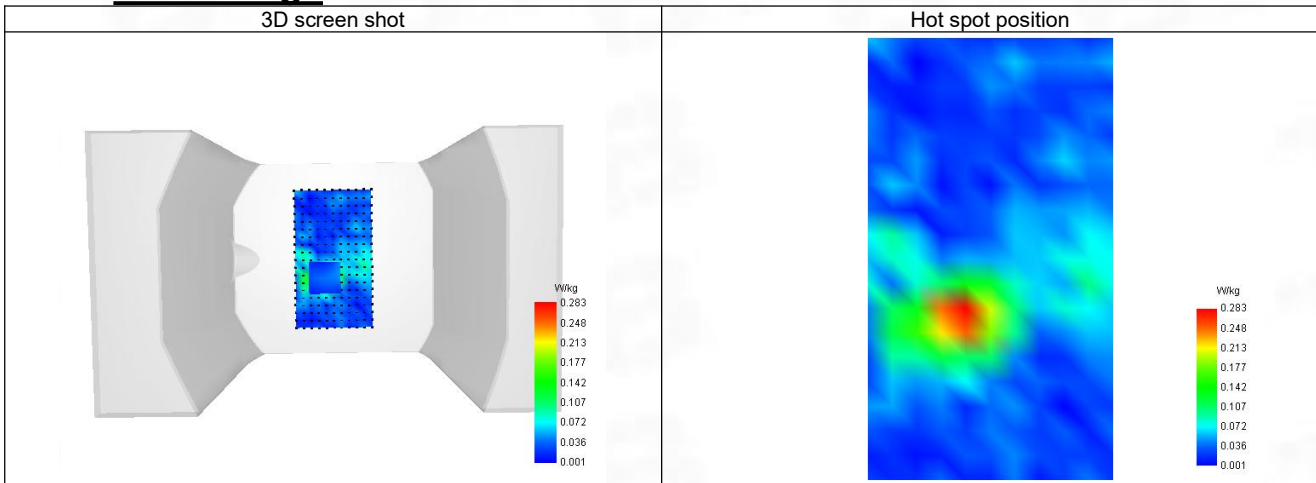
Vertical validation criteria: SAR ratio M2/M1 (%)	59.06%
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E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.415	0.276	0.163	0.098	0.062



F. 3D Image



31-Head with front position in dist. 0mm on Channel 132322 in LTE band 66

SAR Measurement at LTE band 66 (Cheek, Right)

Date of measurement: 19/7/2024

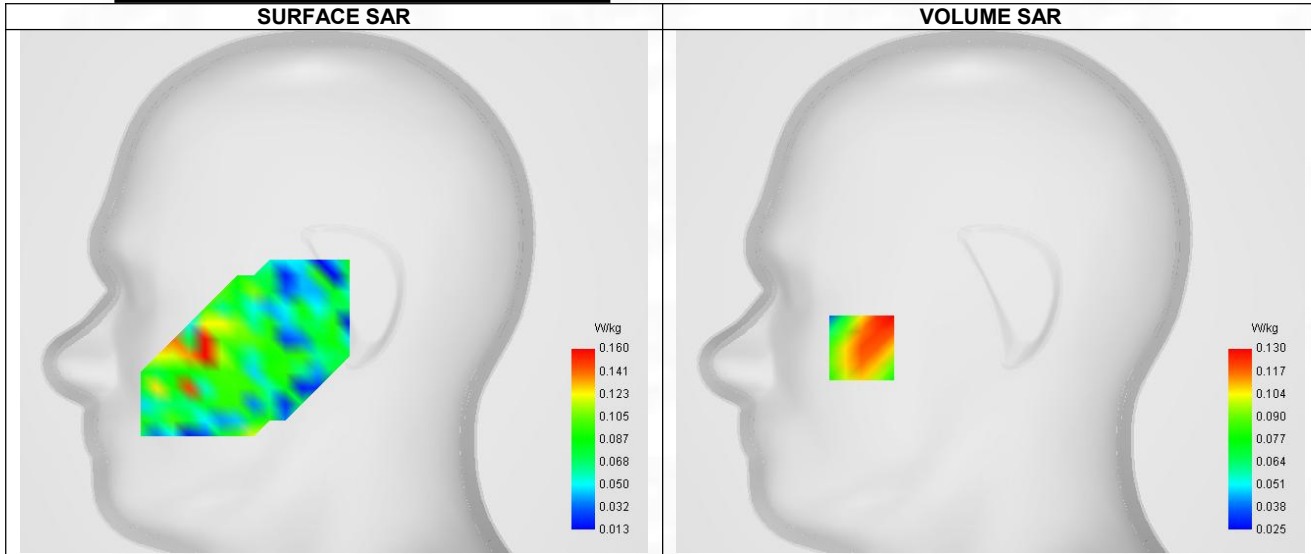
A. Experimental conditions.

Probe	SN 04/22 EPG0365
ConvF	1.96
Area Scan	dx=8mm dy=8mm, Adaptive 1 max
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm, Complete
Phantom	Right head
Device Position	Cheek
Band	LTE band 66
Channels	Middle (132322)
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	1736.090
Relative permittivity (real part)	40.009
Relative permittivity (imaginary part)	14.448
Conductivity (S/m)	1.337

C. SAR Surface and Volume



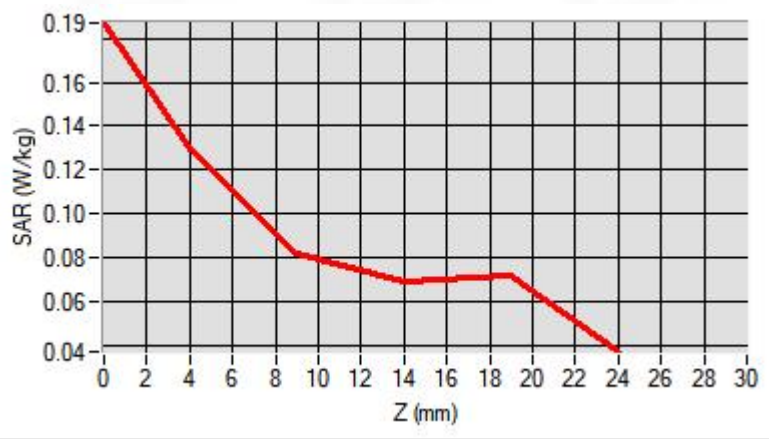
Maximum location: X=-64.00, Y=-28.00 ; SAR Peak: 0.23 W/kg

D. SAR 1g & 10g

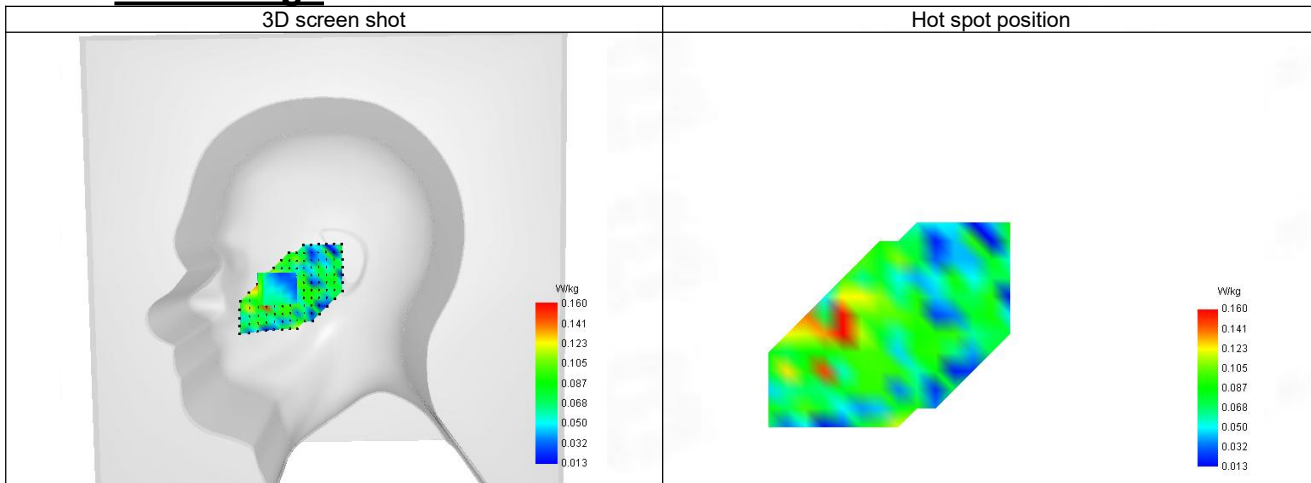
SAR 10g (W/Kg)	0.090
SAR 1g (W/Kg)	0.142
Variation (%)	-3.810
Horizontal validation criteria: minimum distance (mm)	8.428
Vertical validation criteria: SAR ratio M2/M1 (%)	63.08%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.187	0.130	0.082	0.069	0.072



F. 3D Image



32-Body with back position in dist. 10mm on Channel 132322 in LTE band 66

SAR Measurement at LTE band 66 (Body, Validation Plane)

Date of measurement: 19/7/2024

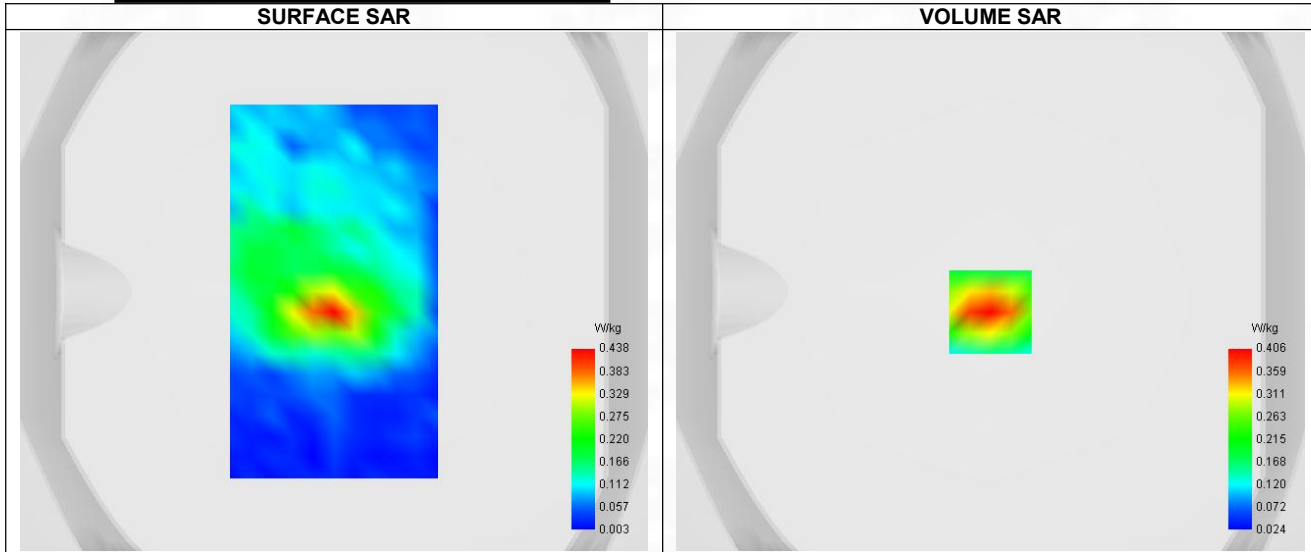
A. Experimental conditions.

Probe	SN 04/22 EPG0365
ConvF	1.96
Area Scan	dx=8mm dy=8mm, Adaptive 1 max
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 66
Channels	Middle (132322)
Signal	LTE FDD
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
RB offset	0
RB size	1

B. Permittivity

Frequency (MHz)	1736.090
Relative permittivity (real part)	40.009
Relative permittivity (imaginary part)	14.448
Conductivity (S/m)	1.337

C. SAR Surface and Volume



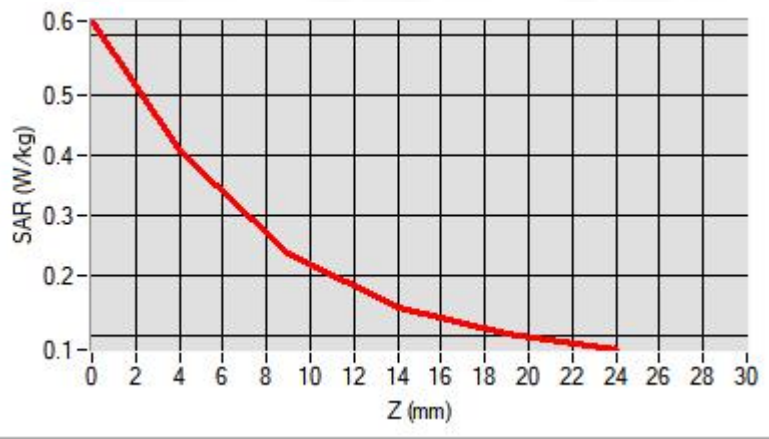
Maximum location: X=0.00, Y=-8.00 ; SAR Peak: 0.62 W/kg

D. SAR 1g & 10g

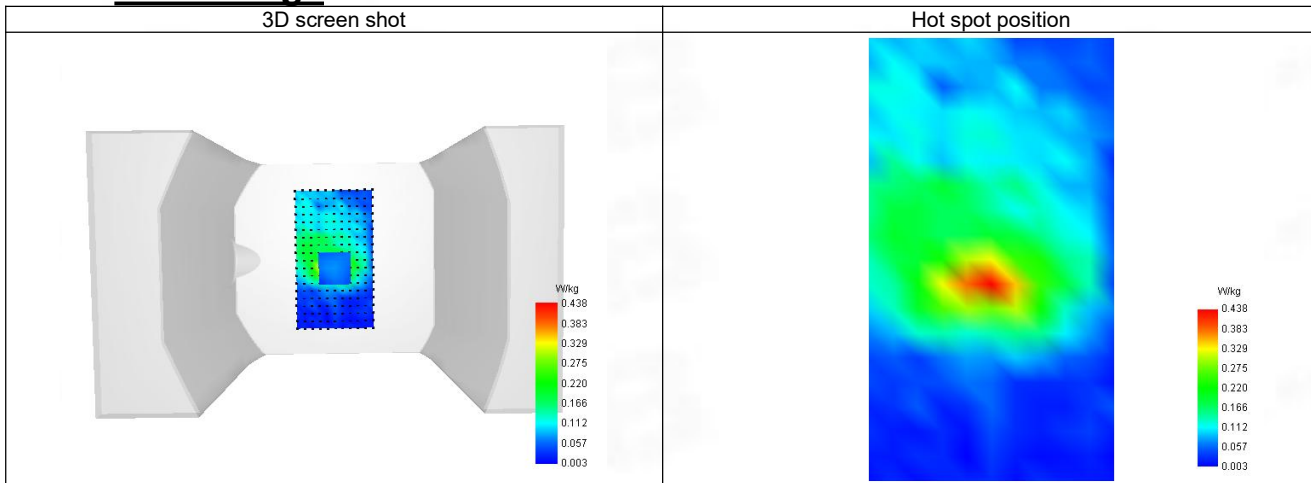
SAR 10g (W/Kg)	0.224
SAR 1g (W/Kg)	0.397
Variation (%)	-4.650
Horizontal validation criteria: minimum distance (mm)	8.261
Vertical validation criteria: SAR ratio M2/M1 (%)	58.62%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.624	0.406	0.238	0.148	0.102



F. 3D Image



33-Head with front position in dist. 0mm on Channel 7 in IEEE 802.11n ISM

SAR Measurement at IEEE 802.11n ISM (Cheek, Right)

Date of measurement: 24/7/2024

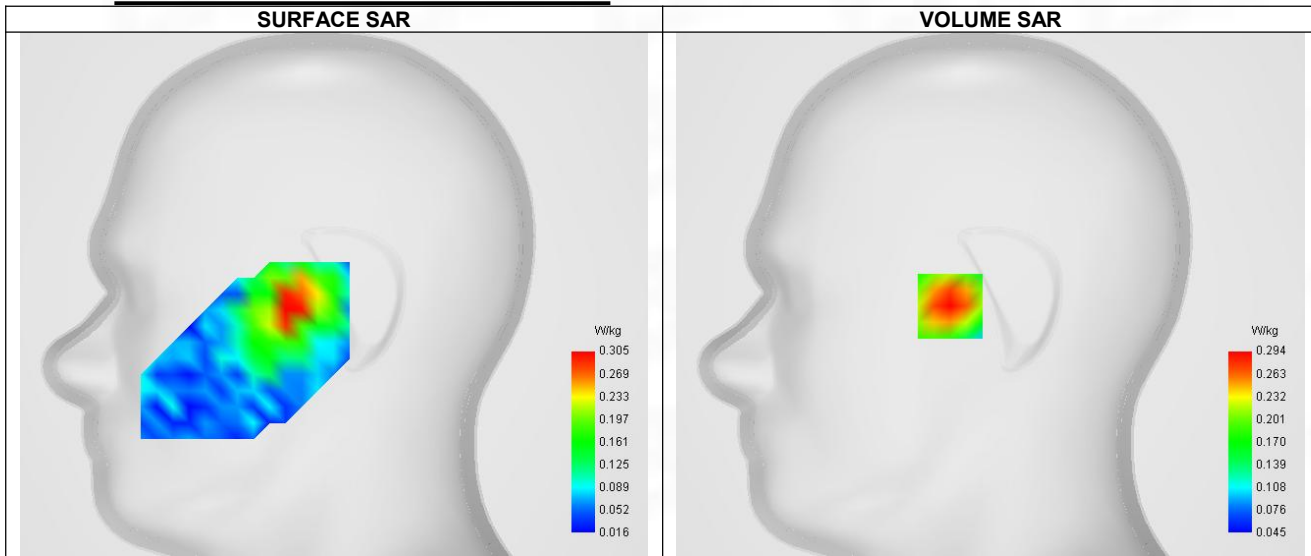
A. Experimental conditions.

Probe	SN 04/22 EPGO365
ConvF	2.36
Area Scan	dx=8mm dy=8mm, Adaptative 1 max
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	IEEE 802.11n ISM
Channels	Higher (7)
Signal	IEEE 802.11

B. Permittivity

Frequency (MHz)	2442.000
Relative permittivity (real part)	39.092
Relative permittivity (imaginary part)	13.341
Conductivity (S/m)	1.804

C. SAR Surface and Volume



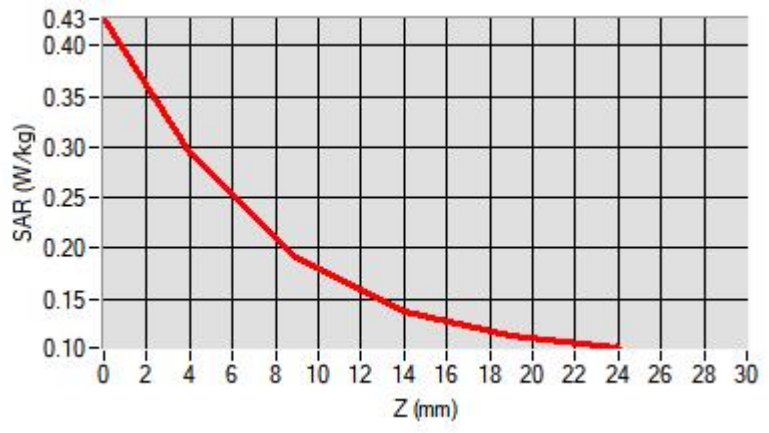
Maximum location: X=-20.00, Y=-6.00 ; SAR Peak: 0.43 W/kg

D. SAR 1g & 10g

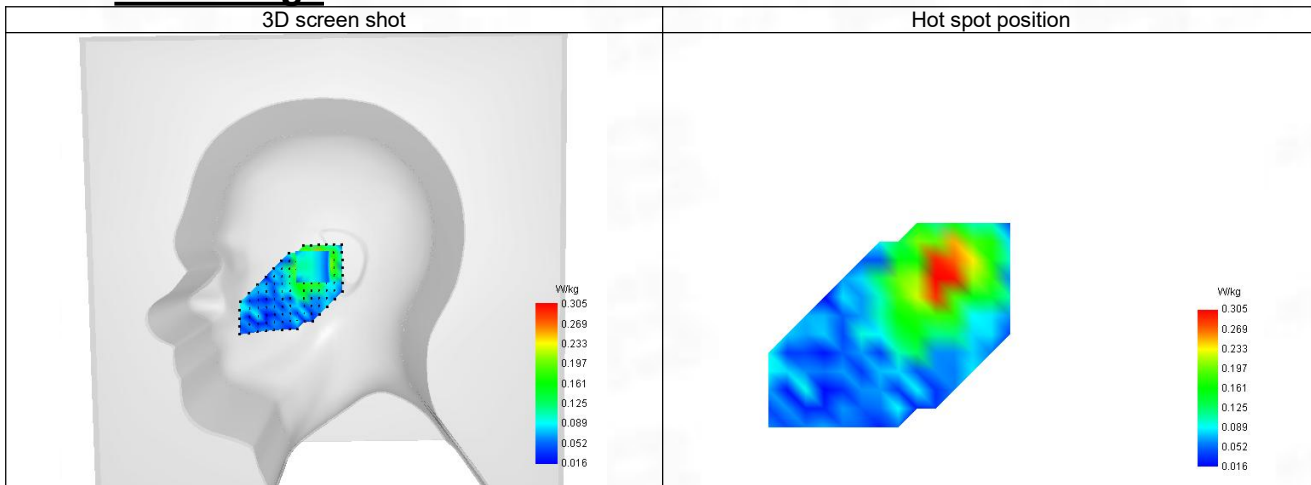
SAR 10g (W/Kg)	0.185
SAR 1g (W/Kg)	0.293
Variation (%)	-4.540
Horizontal validation criteria: minimum distance (mm)	8.269
Vertical validation criteria: SAR ratio M2/M1 (%)	64.97%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.426	0.294	0.191	0.137	0.114



F. 3D Image



34-Body with back position in dist. 10mm on Channel 7 in IEEE 802.11n ISM

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

Date of measurement: 24/7/2024

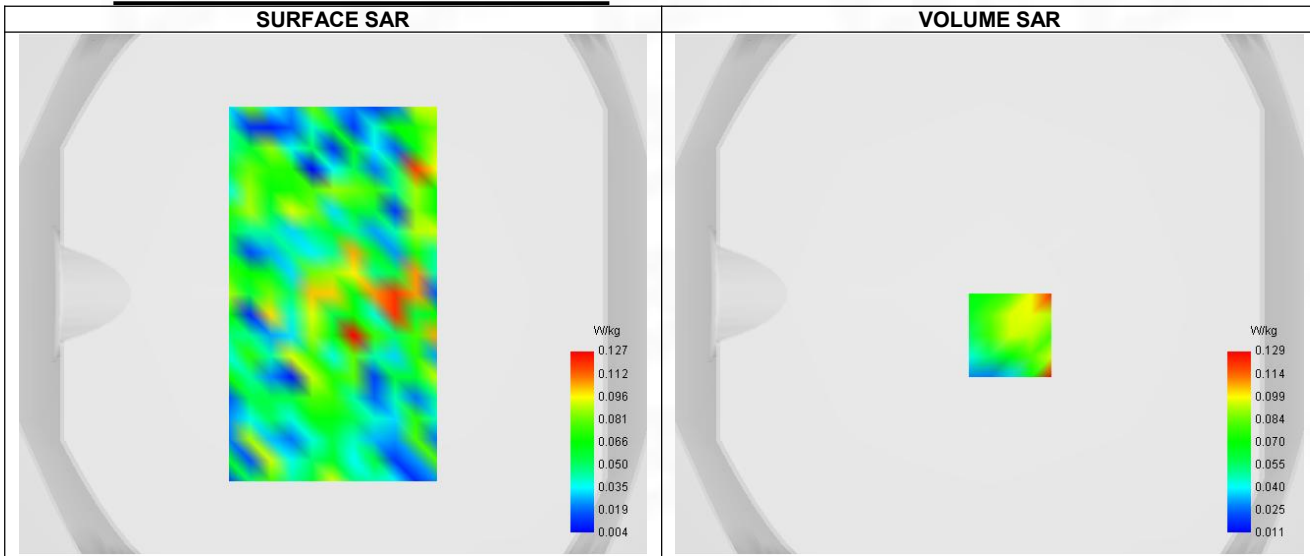
A. Experimental conditions.

Probe	SN 04/22 EPGO365
ConvF	2.36
Area Scan	dx=8mm dy=8mm, Adaptive 1 max
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm, Complete
Phantom	Validation plane
Device Position	Body
Band	IEEE 802.11n ISM
Channels	Higher (7)
Signal	IEEE 802.11

B. Permittivity

Frequency (MHz)	2442.000
Relative permittivity (real part)	39.092
Relative permittivity (imaginary part)	13.341
Conductivity (S/m)	1.804

C. SAR Surface and Volume



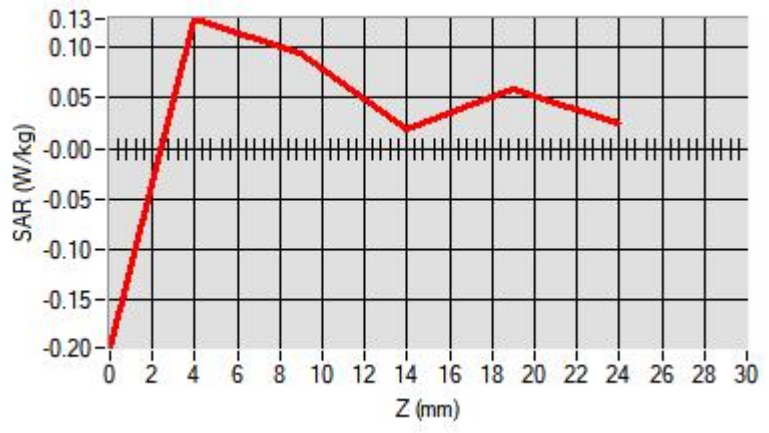
Maximum location: X=8.00, Y=-16.00 ; SAR Peak: 0.30 W/kg

D. SAR 1g & 10g

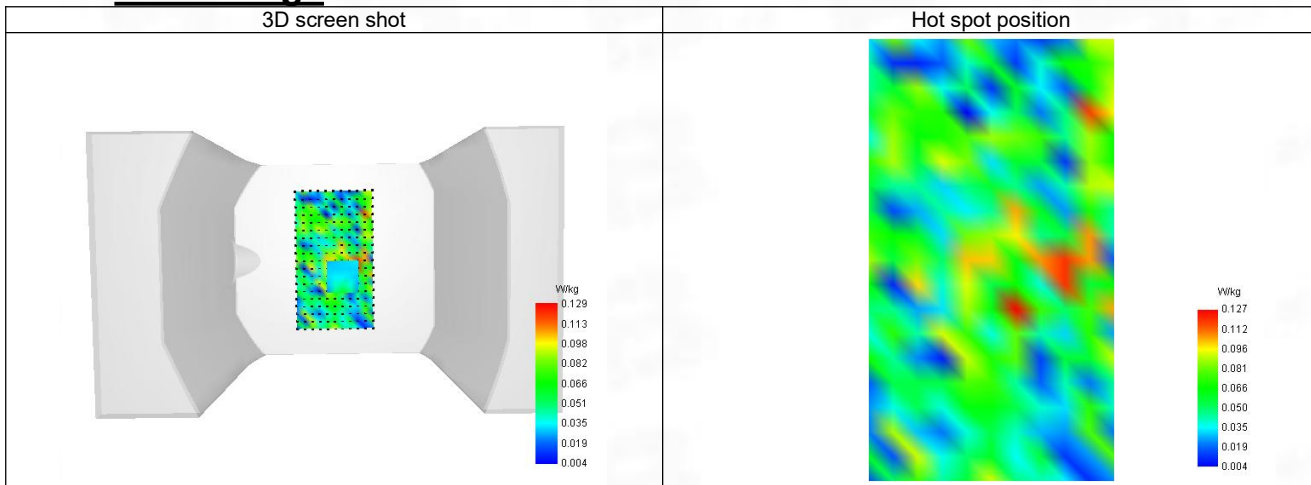
SAR 10g (W/Kg)	0.082
SAR 1g (W/Kg)	0.124
Variation (%)	4.730
Horizontal validation criteria: minimum distance (mm)	8.527
Vertical validation criteria: SAR ratio M2/M1 (%)	72.87%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	-0.198	0.129	0.094	0.019	0.059



F. 3D Image



35-Head with front position in dist. 0mm on Channel 46 in IEEE 802.11ac U-NII

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

Date of measurement: 30/7/2024

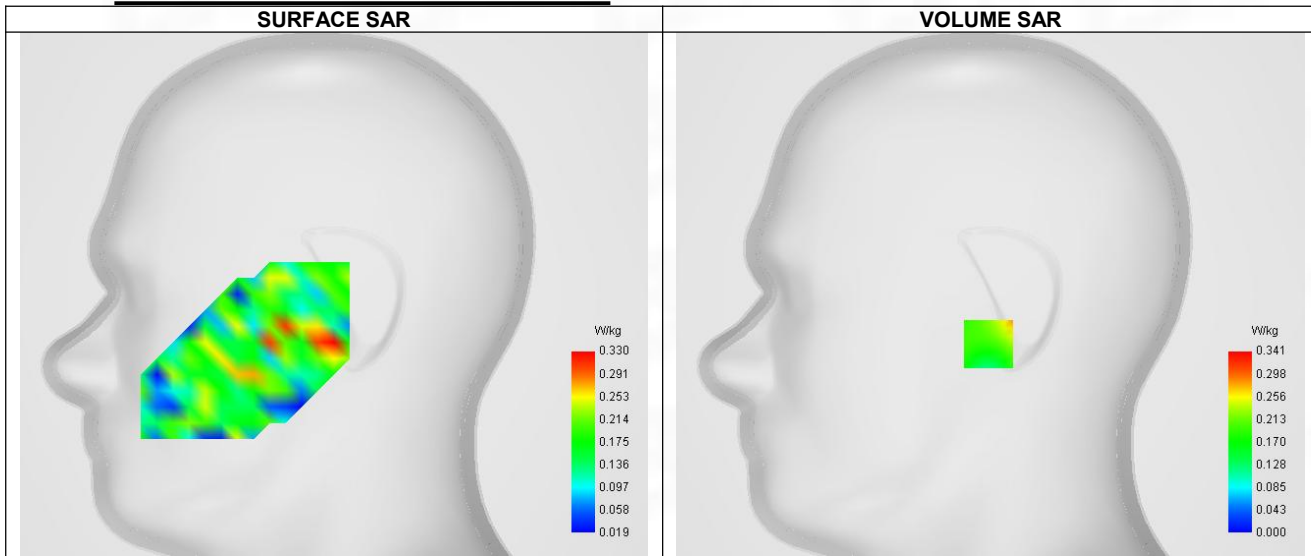
A. Experimental conditions.

Probe	SN 04/22 EPGO365
ConvF	2.24
Area Scan	dx=8mm dy=8mm, Adaptive 1 max
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	IEEE 802.11ac U-NII
Channels	Higher (46)
Signal	IEEE 802.11

B. Permittivity

Frequency (MHz)	5230.000
Relative permittivity (real part)	35.850
Relative permittivity (imaginary part)	16.261
Conductivity (S/m)	4.730

C. SAR Surface and Volume



Maximum location: X=-1.00, Y=-25.00 ; SAR Peak: 1.46 W/kg

D. SAR 1g & 10g

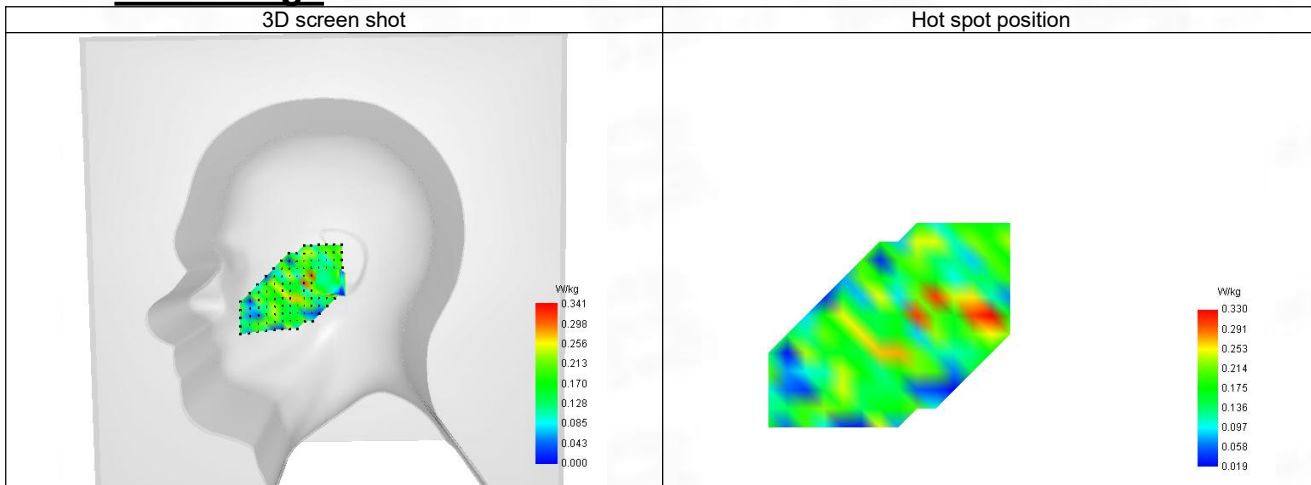
SAR 10g (W/Kg)	0.164
SAR 1g (W/Kg)	0.344
Variation (%)	-4.300
Horizontal validation criteria: minimum distance (mm)	8.557
Vertical validation criteria: SAR ratio M2/M1 (%)	43.97%

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	0.503	0.282	0.124	0.057	0.093	0.034	0.122	0.087	0.126



F. 3D Image



36-Body with back position in dist. 10mm on Channel 46 in IEEE 802.11ac U-NII

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

Date of measurement: 30/7/2024

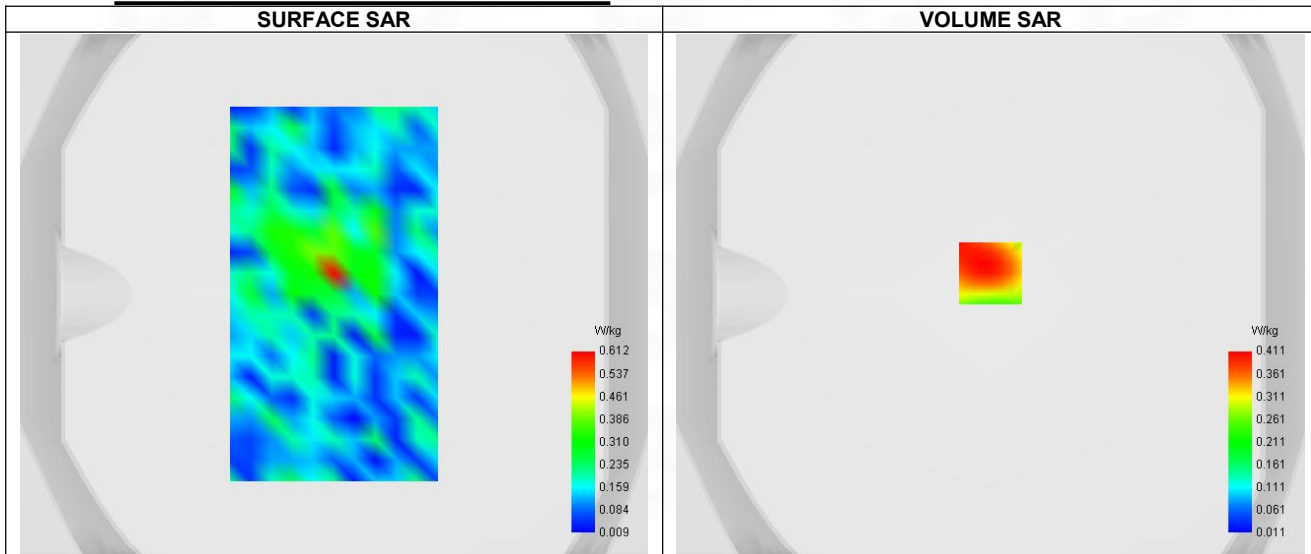
A. Experimental conditions.

Probe	SN 04/22 EPGO365
ConvF	2.24
Area Scan	dx=8mm dy=8mm, Adaptive 1 max
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	IEEE 802.11ac U-NII
Channels	Higher (46)
Signal	IEEE 802.11

B. Permittivity

Frequency (MHz)	5230.000
Relative permittivity (real part)	35.850
Relative permittivity (imaginary part)	16.261
Conductivity (S/m)	4.730

C. SAR Surface and Volume



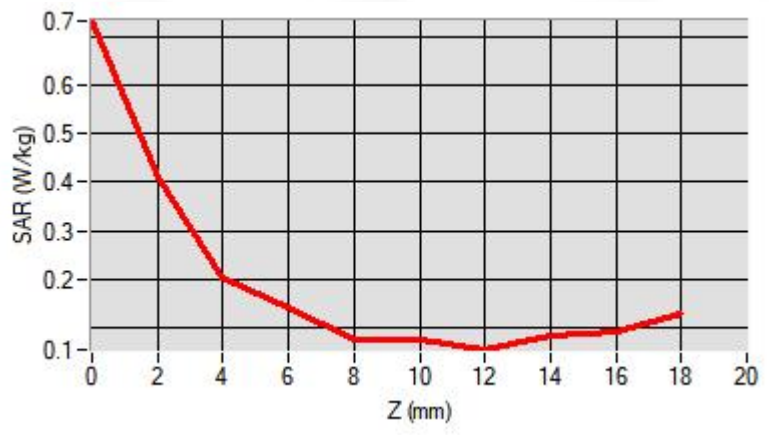
Maximum location: X=0.00, Y=8.00 ; SAR Peak: 0.87 W/kg

D. SAR 1g & 10g

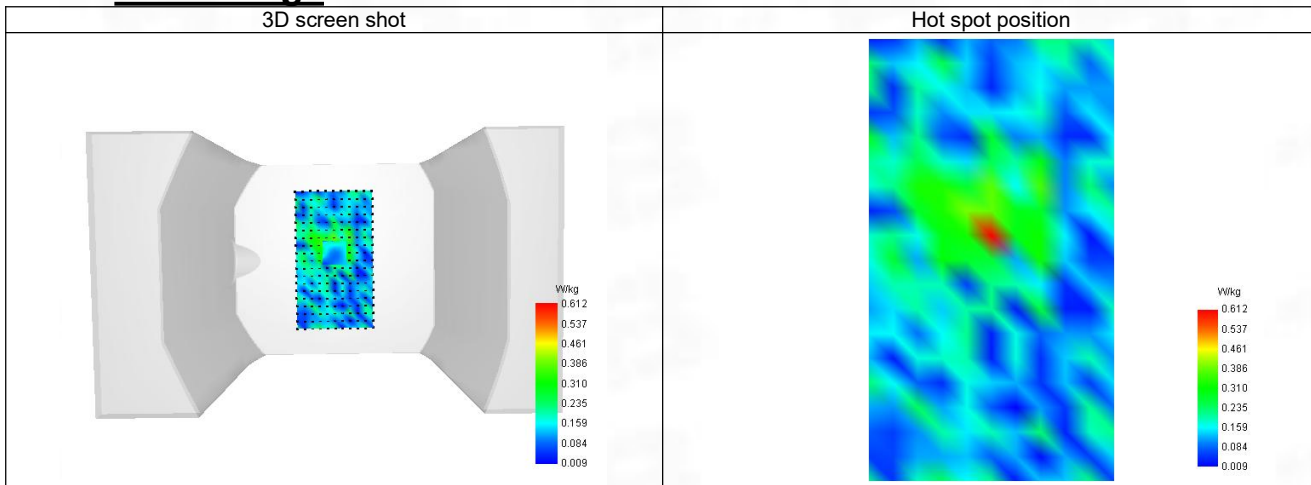
SAR 10g (W/Kg)	0.171
SAR 1g (W/Kg)	0.298
Variation (%)	4.970
Horizontal validation criteria: minimum distance (mm)	8.239
Vertical validation criteria: SAR ratio M2/M1 (%)	49.39%

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	0.732	0.411	0.203	0.142	0.077	0.076	0.055	0.084	0.093



F. 3D Image



37-Head with front position in dist. 0mm on Channel 58 in IEEE 802.11ac U-NII

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

Date of measurement: 31/7/2024

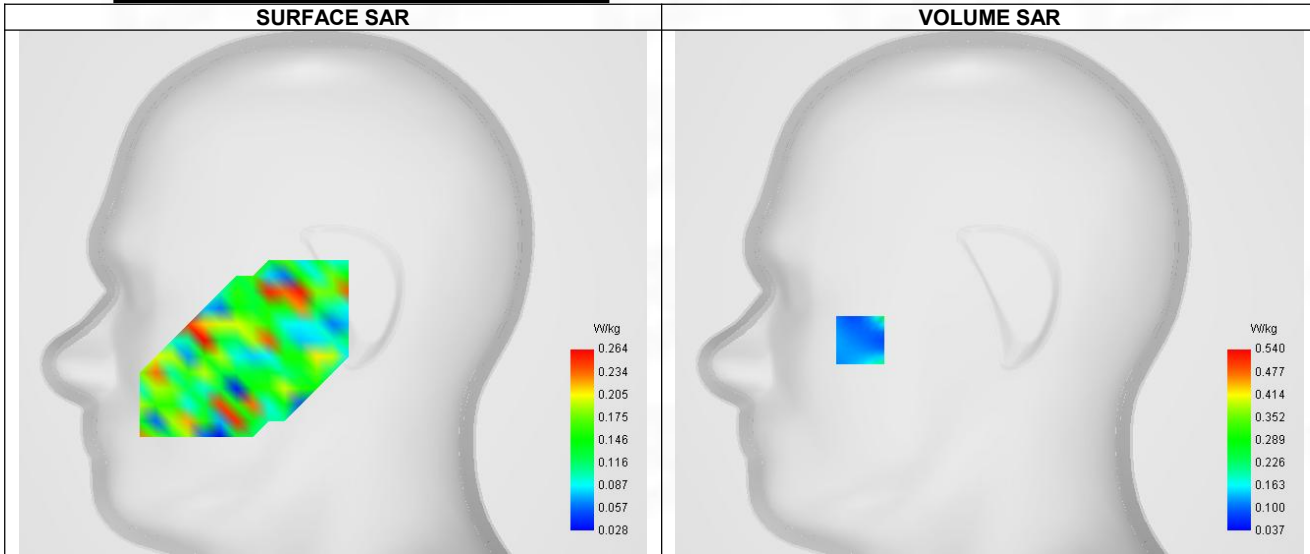
A. Experimental conditions.

Probe	SN 04/22 EPGO365
ConvF	2.24
Area Scan	dx=8mm dy=8mm, Adaptive 1 max
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	IEEE 802.11ac U-NII
Channels	Middle (58)
Signal	IEEE 802.11

B. Permittivity

Frequency (MHz)	5290.000
Relative permittivity (real part)	35.790
Relative permittivity (imaginary part)	16.282
Conductivity (S/m)	4.790

C. SAR Surface and Volume



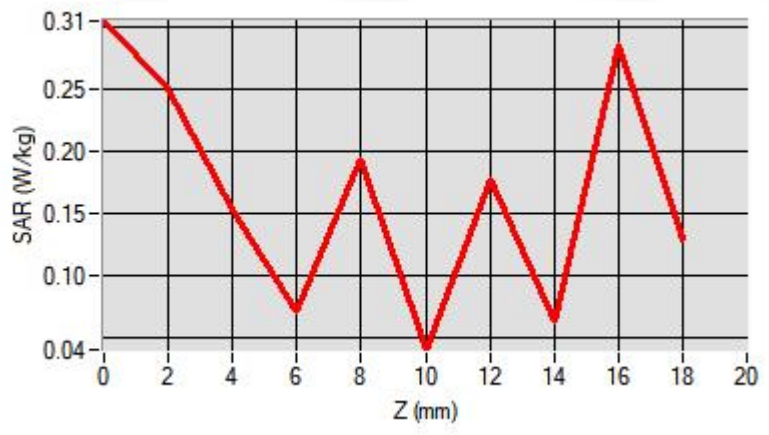
Maximum location: X=-64.00, Y=-24.00 ; SAR Peak: 0.90 W/kg

D. SAR 1g & 10g

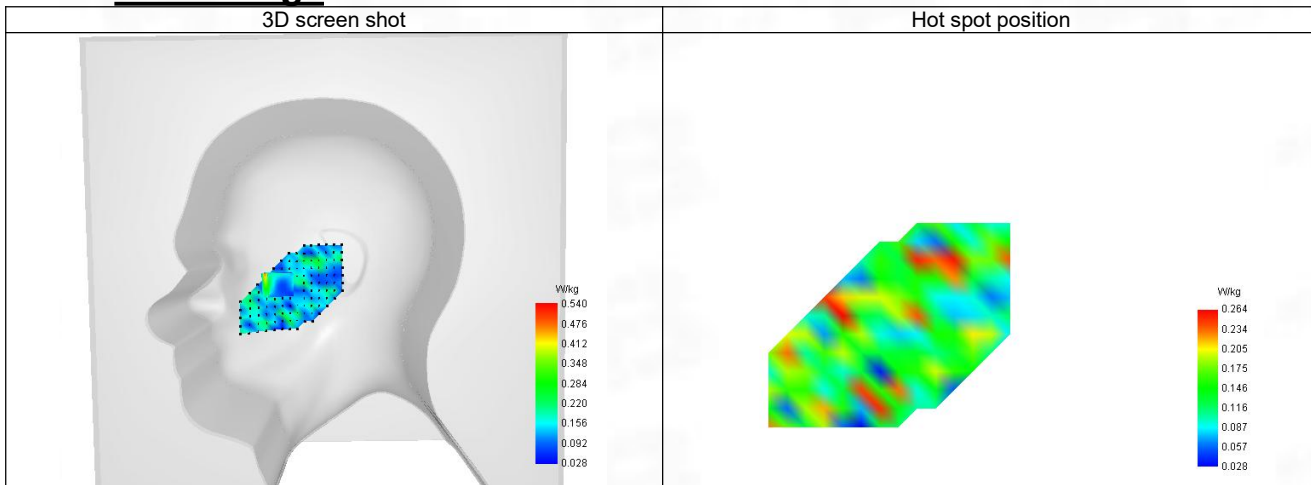
SAR 10g (W/Kg)	0.202
SAR 1g (W/Kg)	0.260
Variation (%)	-2.930
Horizontal validation criteria: minimum distance (mm)	8.331
Vertical validation criteria: SAR ratio M2/M1 (%)	61.20%

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	0.305	0.250	0.153	0.071	0.193	0.039	0.177	0.062	0.286



F. 3D Image



38-Body with back position in dist. 10mm on Channel 58 in IEEE 802.11ac U-NII

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

Date of measurement: 31/7/2024

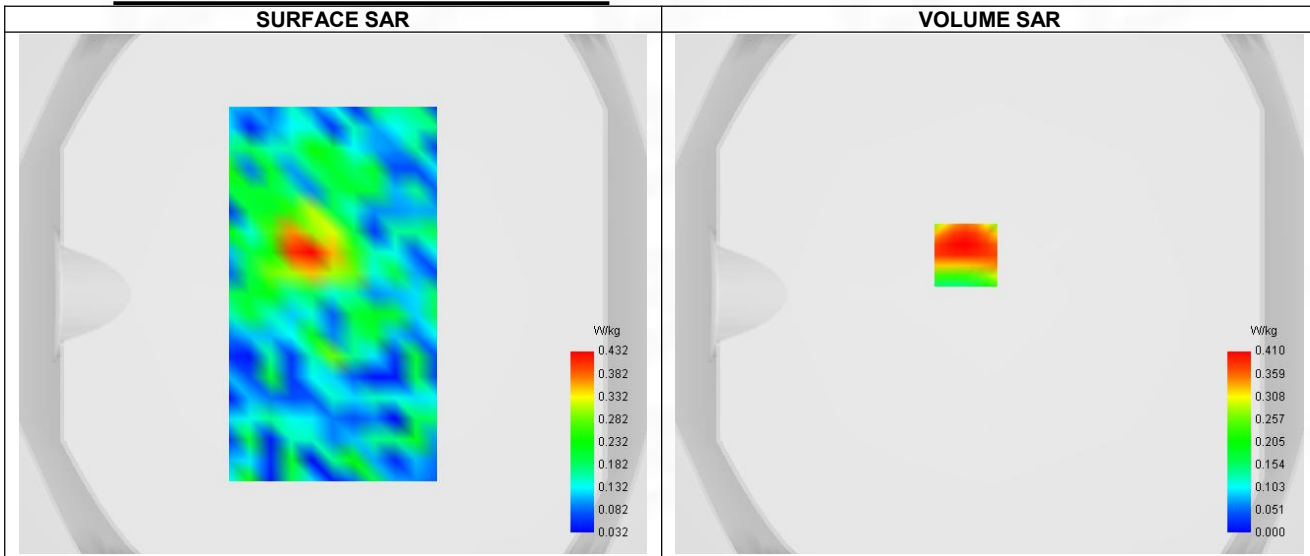
A. Experimental conditions.

Probe	SN 04/22 EPGO365
ConvF	2.24
Area Scan	dx=8mm dy=8mm, Adaptive 1 max
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	IEEE 802.11ac U-NII
Channels	Middle (58)
Signal	IEEE 802.11

B. Permittivity

Frequency (MHz)	5290.000
Relative permittivity (real part)	35.790
Relative permittivity (imaginary part)	16.282
Conductivity (S/m)	4.790

C. SAR Surface and Volume



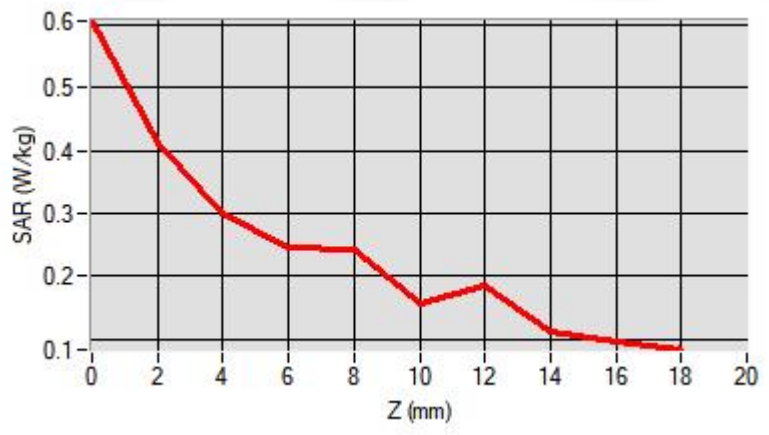
Maximum location: X=-9.00, Y=15.00 ; SAR Peak: 0.89 W/kg

D. SAR 1g & 10g

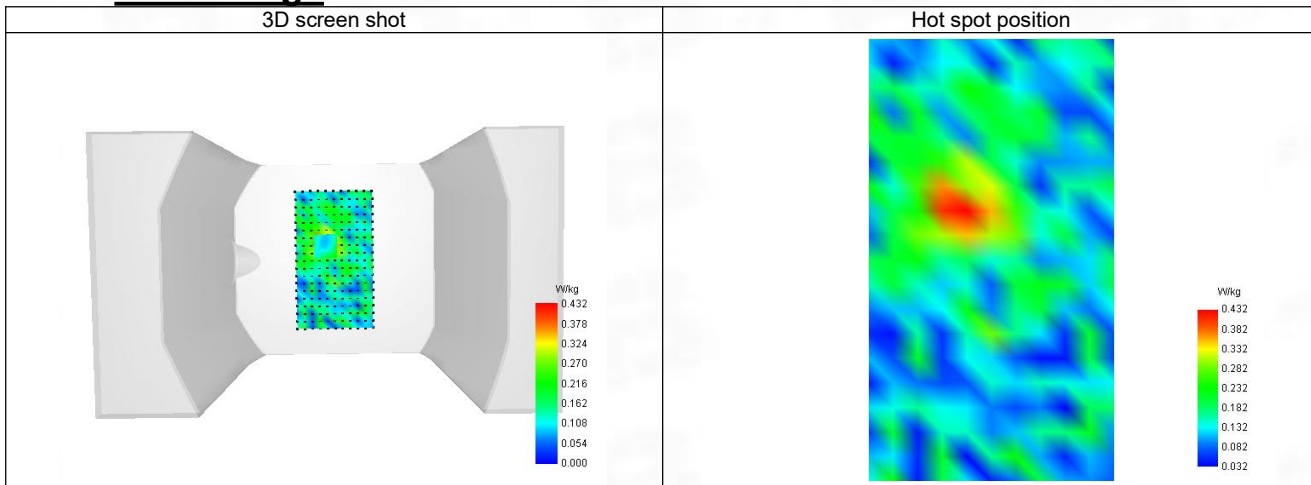
SAR 10g (W/Kg)	0.193
SAR 1g (W/Kg)	0.335
Variation (%)	1.640
Horizontal validation criteria: minimum distance (mm)	8.624
Vertical validation criteria: SAR ratio M2/M1 (%)	72.93%

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	0.605	0.410	0.299	0.245	0.242	0.158	0.185	0.112	0.097



F. 3D Image



39-Head with front position in dist. 0mm on Channel 106 in IEEE 802.11ac U-NII

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

Date of measurement: 5/8/2024

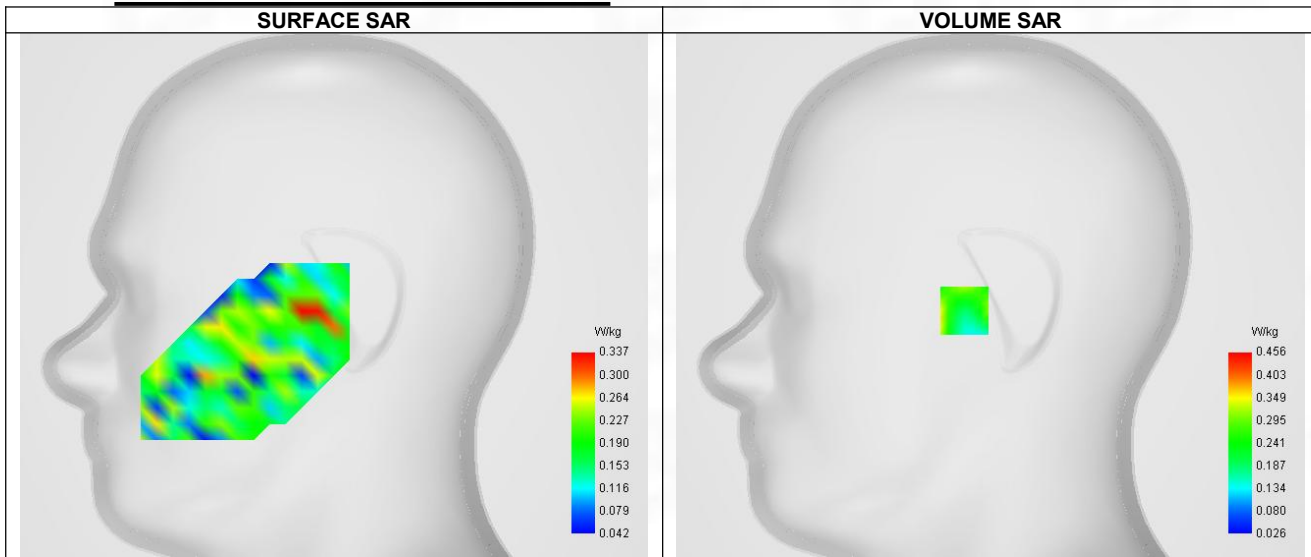
A. Experimental conditions.

Probe	SN 04/22 EPGO365
ConvF	2.18
Area Scan	dx=8mm dy=8mm, Adaptive 1 max
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	IEEE 802.11ac U-NII
Channels	Lower (106)
Signal	IEEE 802.11

B. Permittivity

Frequency (MHz)	5530.000
Relative permittivity (real part)	35.485
Relative permittivity (imaginary part)	16.385
Conductivity (S/m)	5.037

C. SAR Surface and Volume



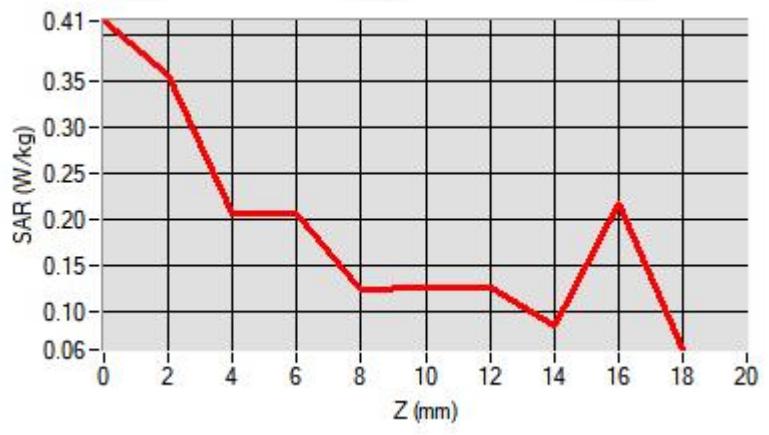
Maximum location: X=-13.00, Y=-8.00 ; SAR Peak: 0.91 W/kg

D. SAR 1g & 10g

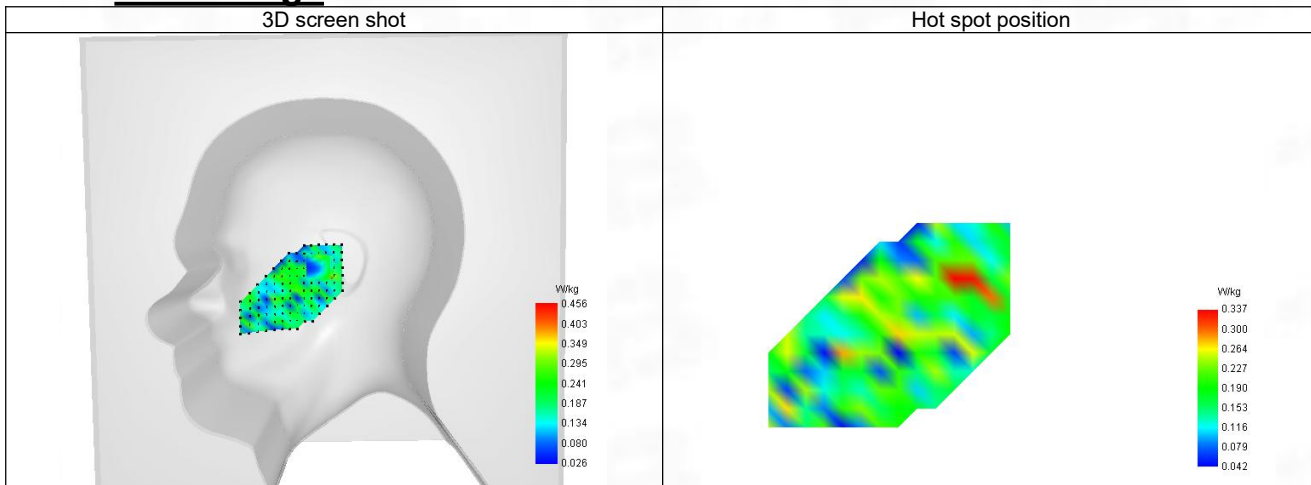
SAR 10g (W/Kg)	0.201
SAR 1g (W/Kg)	0.265
Variation (%)	-2.340
Horizontal validation criteria: minimum distance (mm)	8.251
Vertical validation criteria: SAR ratio M2/M1 (%)	57.87%

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	0.415	0.356	0.206	0.205	0.123	0.126	0.125	0.084	0.217



F. 3D Image



40-Body with back position in dist. 10mm on Channel 106 in IEEE 802.11ac U-NII

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

Date of measurement: 5/8/2024

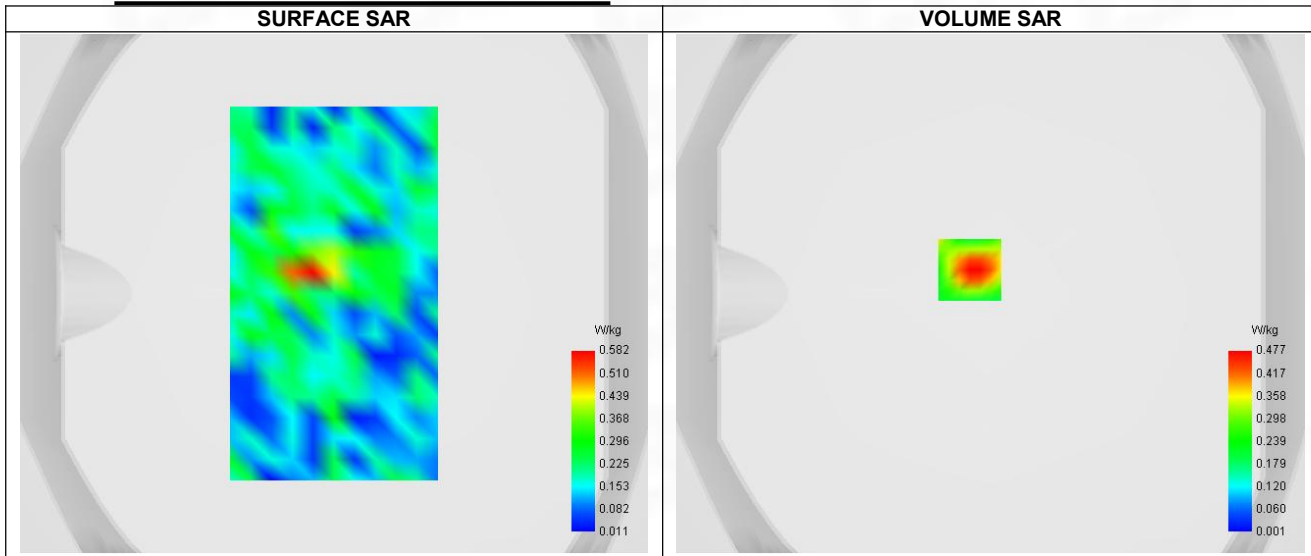
A. Experimental conditions.

Probe	SN 04/22 EPGO365
ConvF	2.18
Area Scan	dx=8mm dy=8mm, Adaptive 1 max
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	IEEE 802.11ac U-NII
Channels	Lower (106)
Signal	IEEE 802.11

B. Permittivity

Frequency (MHz)	5530.000
Relative permittivity (real part)	35.485
Relative permittivity (imaginary part)	16.385
Conductivity (S/m)	5.037

C. SAR Surface and Volume



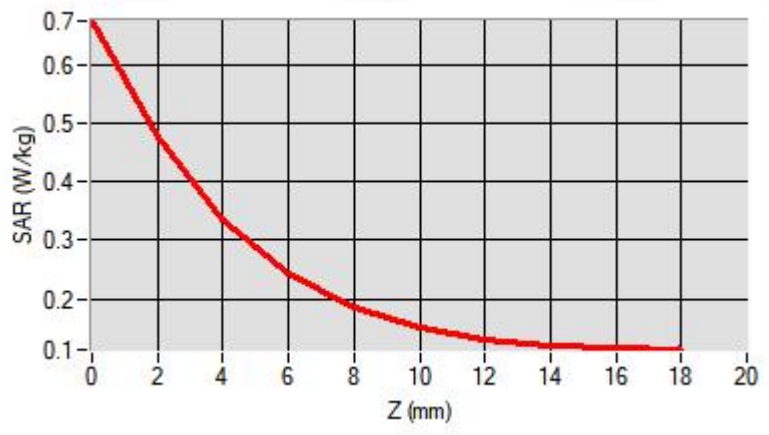
Maximum location: X=-8.00, Y=9.00 ; SAR Peak: 0.71 W/kg

D. SAR 1g & 10g

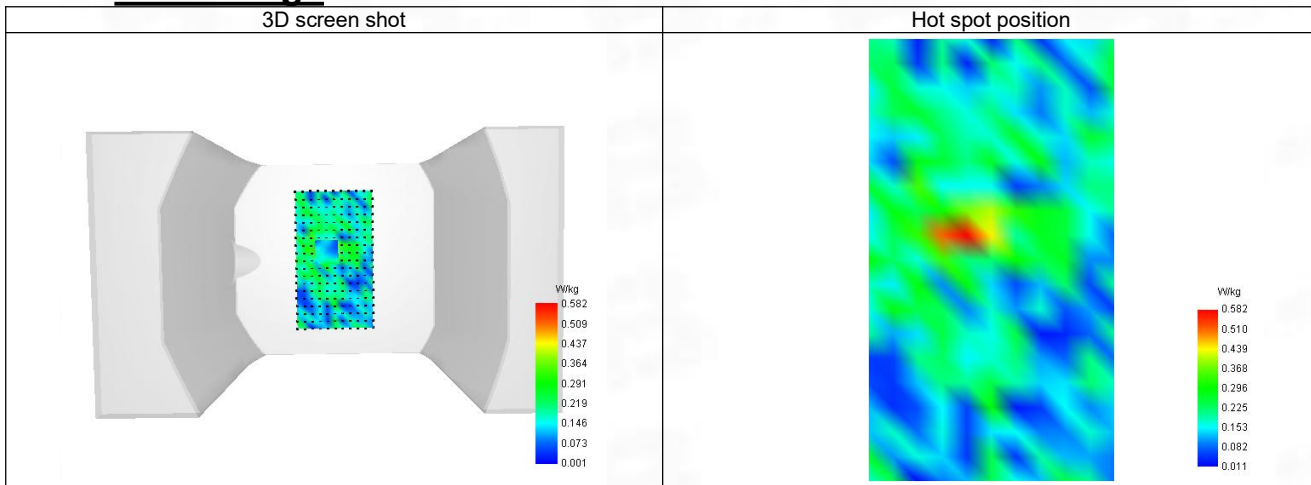
SAR 10g (W/Kg)	0.174
SAR 1g (W/Kg)	0.302
Variation (%)	1.220
Horizontal validation criteria: minimum distance (mm)	8.534
Vertical validation criteria: SAR ratio M2/M1 (%)	70.86%

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	0.677	0.477	0.338	0.244	0.186	0.151	0.130	0.120	0.115



F. 3D Image



41-Head with front position in dist. 0mm on Channel 159 in IEEE 802.11ac U-NII

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

Date of measurement: 6/8/2024

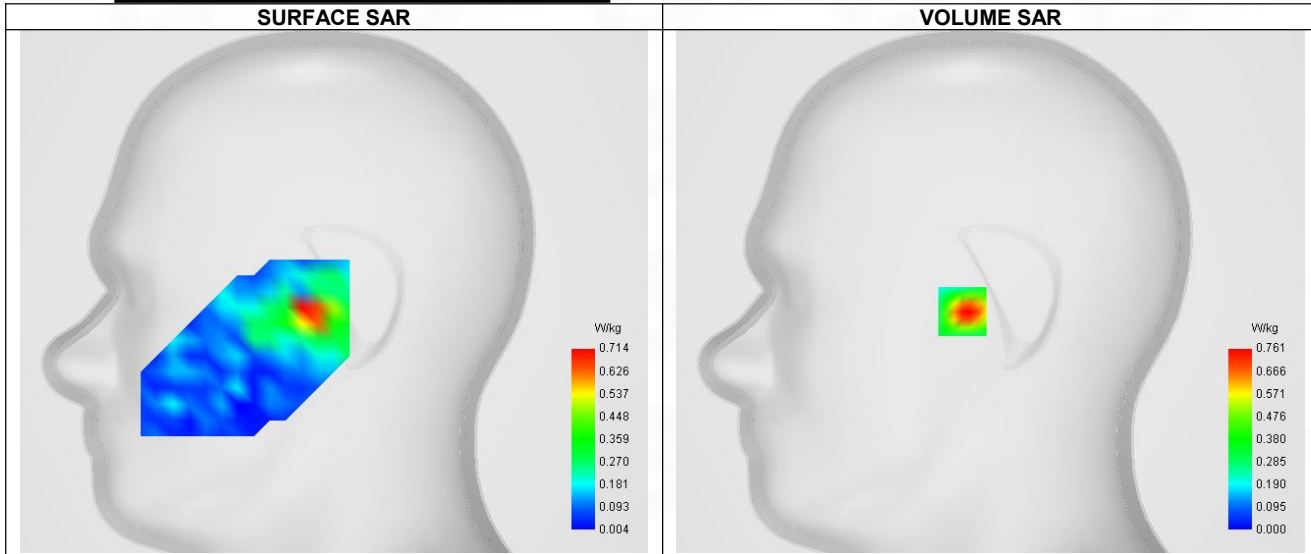
A. Experimental conditions.

Probe	SN 04/22 EPGO365
ConvF	2.04
Area Scan	dx=8mm dy=8mm, Adaptive 1 max
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	IEEE 802.11ac U-NII
Channels	Higher (159)
Signal	IEEE 802.11

B. Permittivity

Frequency (MHz)	5795.000
Relative permittivity (real part)	35.185
Relative permittivity (imaginary part)	16.479
Conductivity (S/m)	5.305

C. SAR Surface and Volume



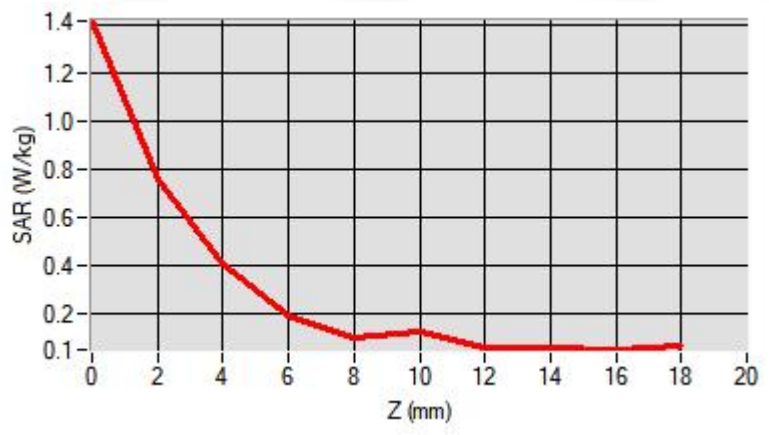
Maximum location: X=-14.00, Y=-10.00 ; SAR Peak: 2.25 W/kg

D. SAR 1g & 10g

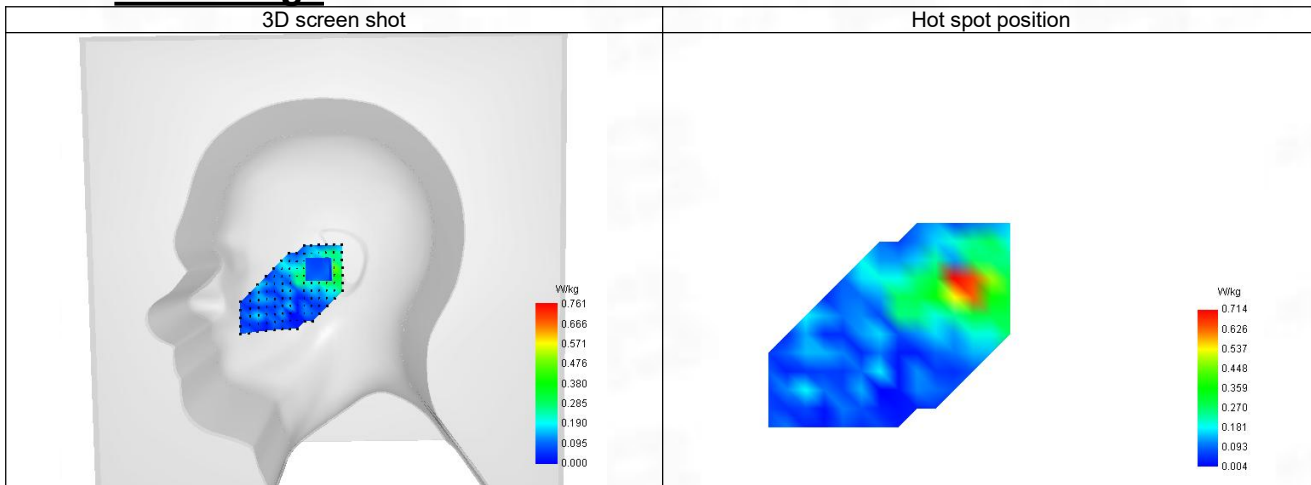
SAR 10g (W/Kg)	0.326
SAR 1g (W/Kg)	0.752
Variation (%)	4.460
Horizontal validation criteria: minimum distance (mm)	8.345
Vertical validation criteria: SAR ratio M2/M1 (%)	53.48%

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	1.414	0.761	0.407	0.197	0.103	0.126	0.060	0.059	0.053



F. 3D Image



42-Body with back position in dist. 10mm on Channel 159 in IEEE 802.11ac U-NII

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

Date of measurement: 6/8/2024

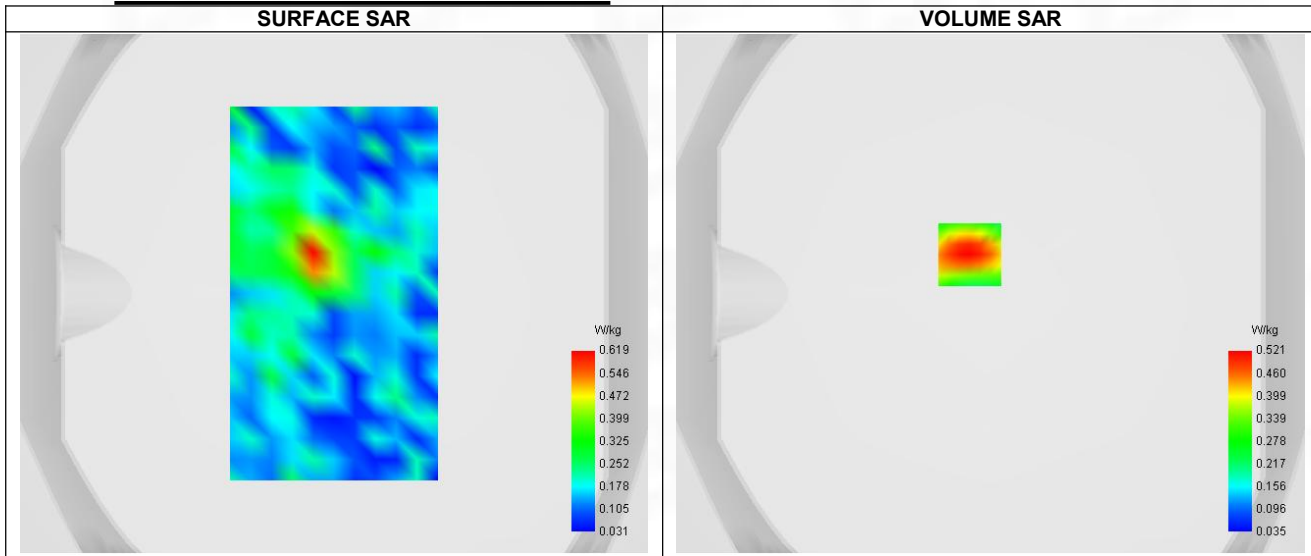
A. Experimental conditions.

Probe	SN 04/22 EPGO365
ConvF	2.04
Area Scan	dx=8mm dy=8mm, Adaptative 1 max
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	IEEE 802.11ac U-NII
Channels	Higher (159)
Signal	IEEE 802.11

B. Permittivity

Frequency (MHz)	5795.000
Relative permittivity (real part)	35.185
Relative permittivity (imaginary part)	16.479
Conductivity (S/m)	5.305

C. SAR Surface and Volume

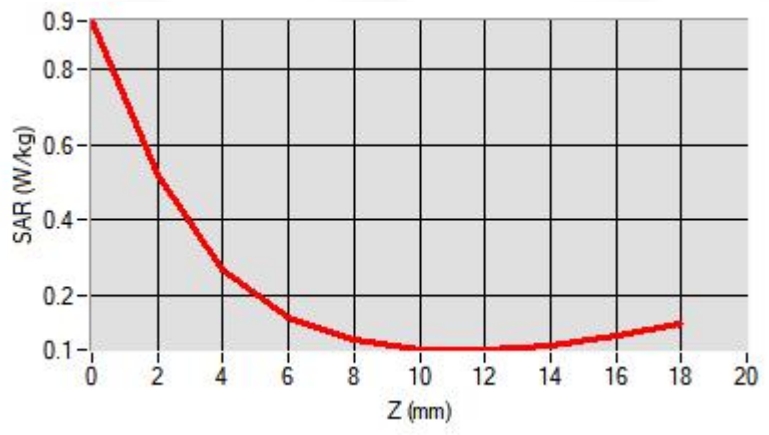


D. SAR 1g & 10g

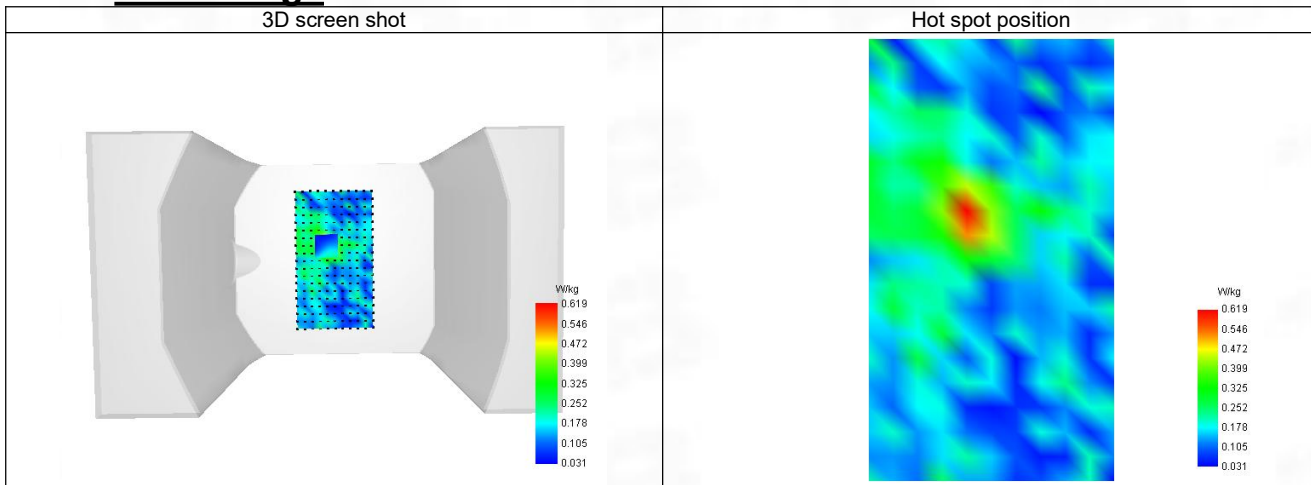
SAR 10g (W/Kg)	0.181
SAR 1g (W/Kg)	0.305
Variation (%)	-3.410
Horizontal validation criteria: minimum distance (mm)	8.429
Vertical validation criteria: SAR ratio M2/M1 (%)	52.21%

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	0.929	0.521	0.272	0.140	0.081	0.058	0.056	0.068	0.092



F. 3D Image



43-Head with front position in dist. 0mm on Channel 78 in Bluetooth

SAR Measurement at Bluetooth (Cheek, Right)

Date of measurement: 25/7/2024

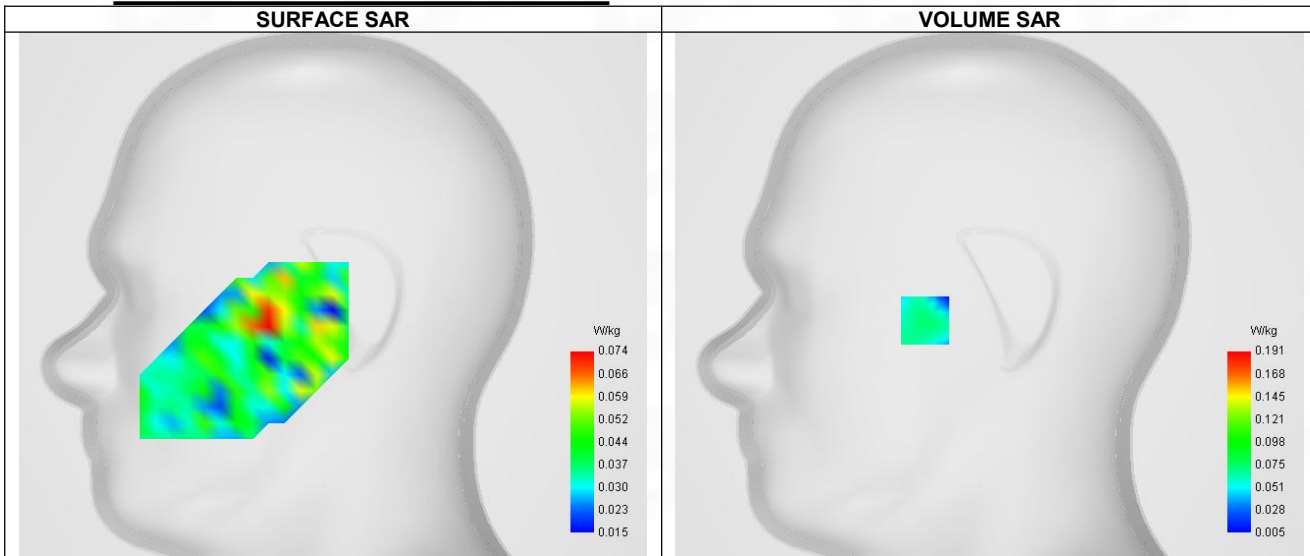
A. Experimental conditions.

Probe	SN 04/22 EPG0365
ConvF	2.36
Area Scan	dx=8mm dy=8mm, Adaptive 1 max
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm, Complete
Phantom	Right head
Device Position	Cheek
Band	Bluetooth
Channels	Higher (78)
Signal	Bluetooth

B. Permittivity

Frequency (MHz)	2480.000
Relative permittivity (real part)	39.040
Relative permittivity (imaginary part)	13.210
Conductivity (S/m)	1.842

C. SAR Surface and Volume



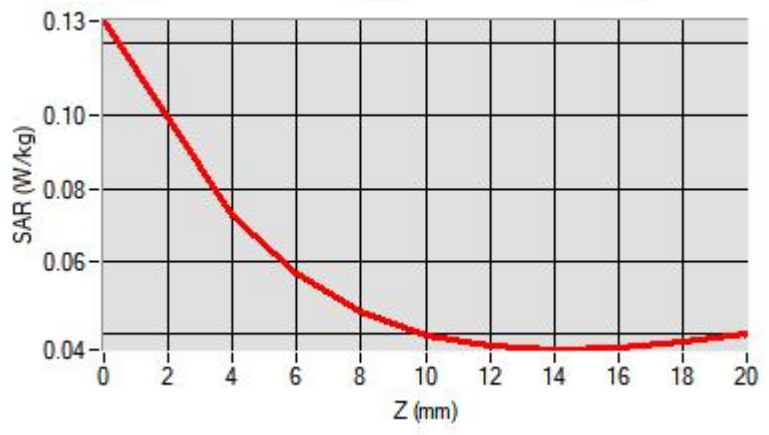
Maximum location: X=-32.00, Y=-13.00 ; SAR Peak: 0.13 W/kg

D. SAR 1g & 10g

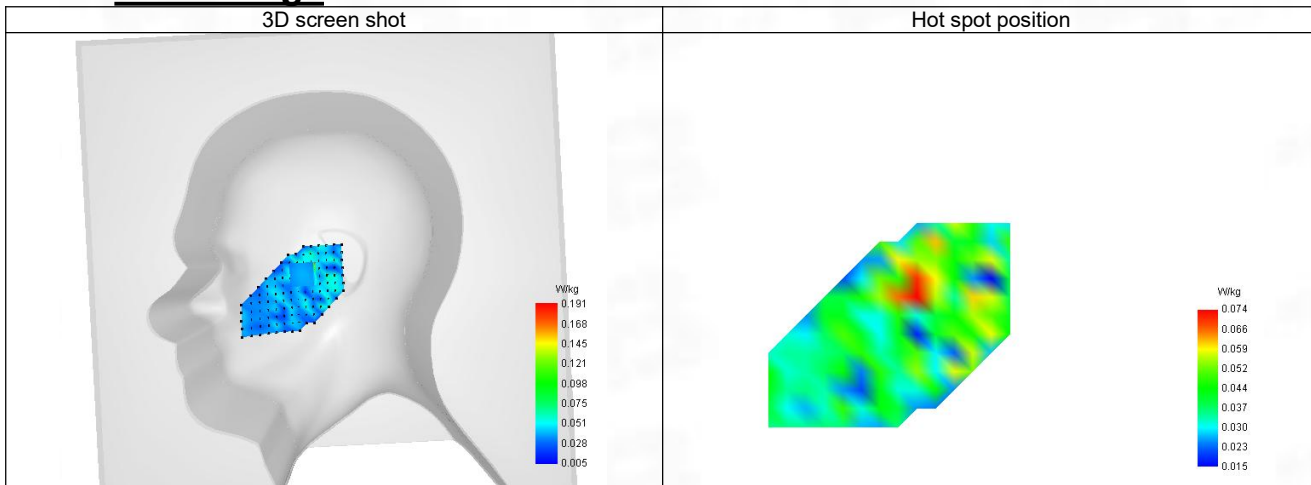
SAR 10g (W/Kg)	0.046
SAR 1g (W/Kg)	0.079
Variation (%)	-1.430
Horizontal validation criteria: minimum distance (mm)	8.342
Vertical validation criteria: SAR ratio M2/M1 (%)	77.78%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.126	0.072	0.056	0.046	0.040



F. 3D Image



44-Body with back position in dist. 10mm on Channel 78 in Bluetooth

SAR Measurement at Bluetooth (Body, Validation Plane)

Date of measurement: 25/7/2024

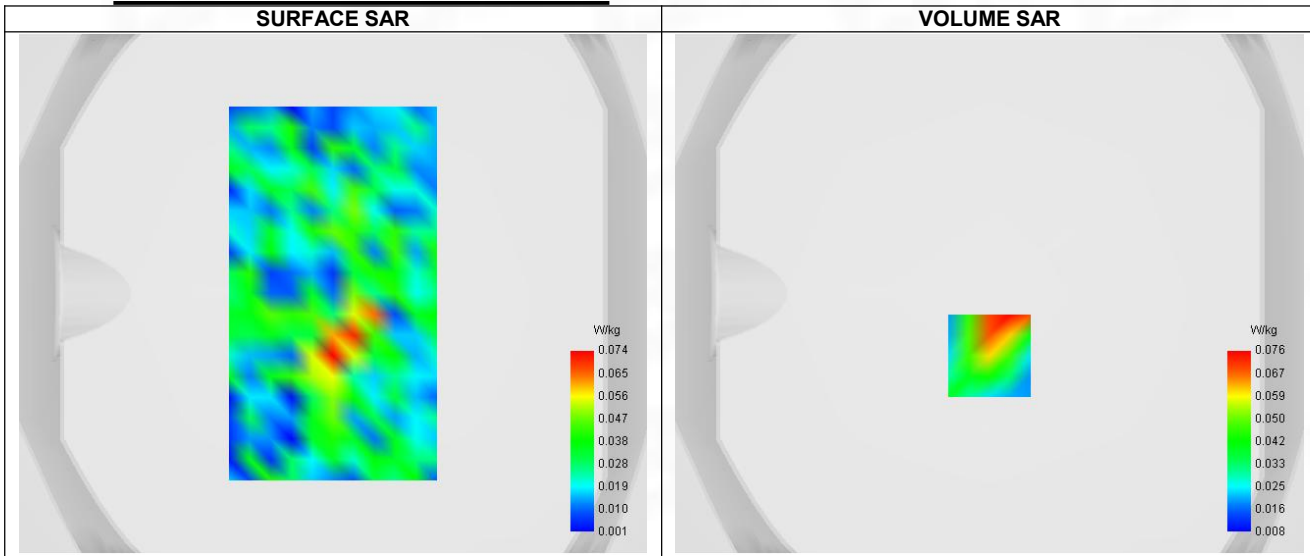
A. Experimental conditions.

Probe	SN 04/22 EPGO365
ConvF	2.36
Area Scan	dx=8mm dy=8mm, Adaptive 1 max
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm, Complete
Phantom	Validation plane
Device Position	Body
Band	Bluetooth
Channels	Higher (78)
Signal	Bluetooth

B. Permittivity

Frequency (MHz)	2480.000
Relative permittivity (real part)	39.040
Relative permittivity (imaginary part)	13.210
Conductivity (S/m)	1.842

C. SAR Surface and Volume



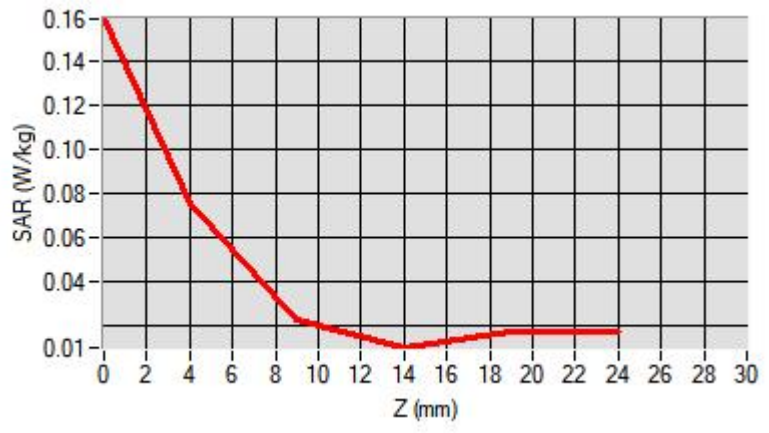
Maximum location: X=0.00, Y=-24.00 ; SAR Peak: 0.18 W/kg

D. SAR 1g & 10g

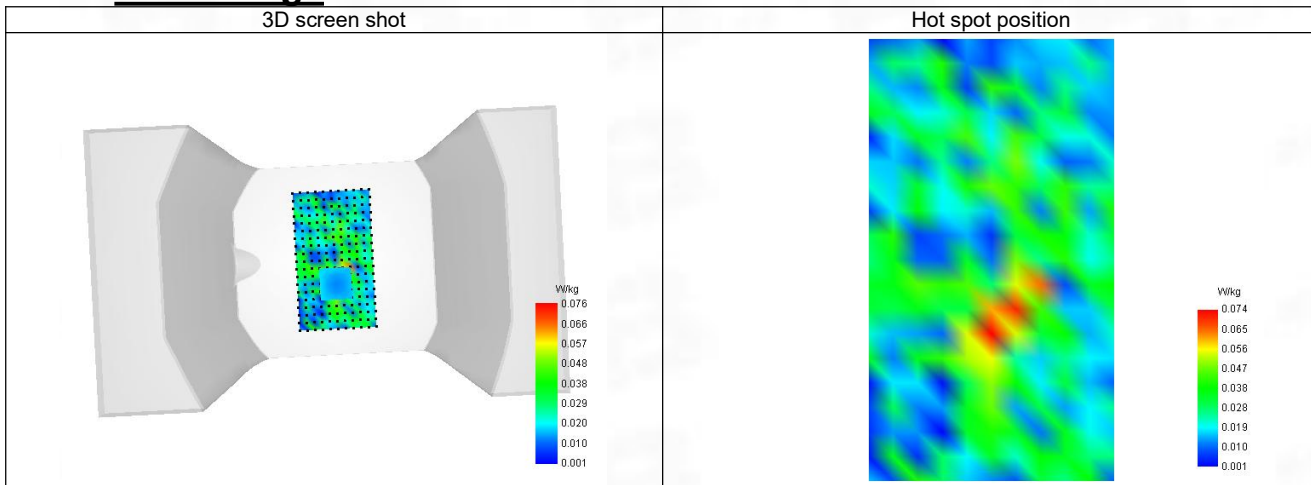
SAR 10g (W/Kg)	0.040
SAR 1g (W/Kg)	0.075
Variation (%)	0.530
Horizontal validation criteria: minimum distance (mm)	8.846
Vertical validation criteria: SAR ratio M2/M1 (%)	28.95%

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.159	0.076	0.022	0.010	0.017

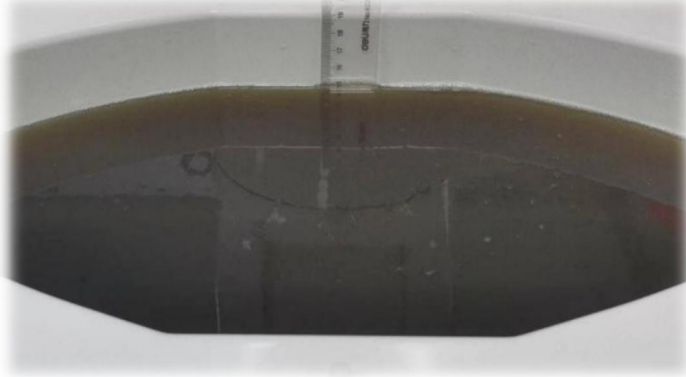


F. 3D Image

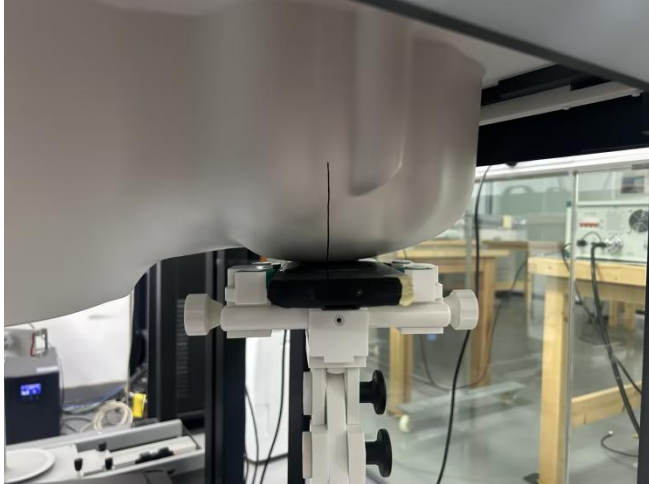


ANNEX D SAR Test Setup Photos

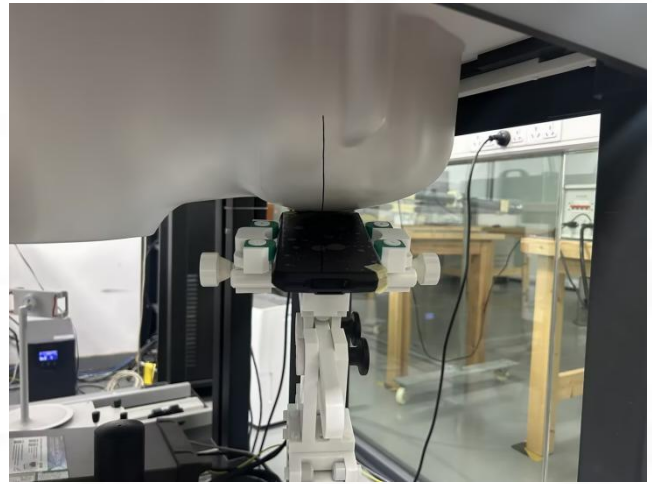
Reference Photo: simulation liquid depth 15cm



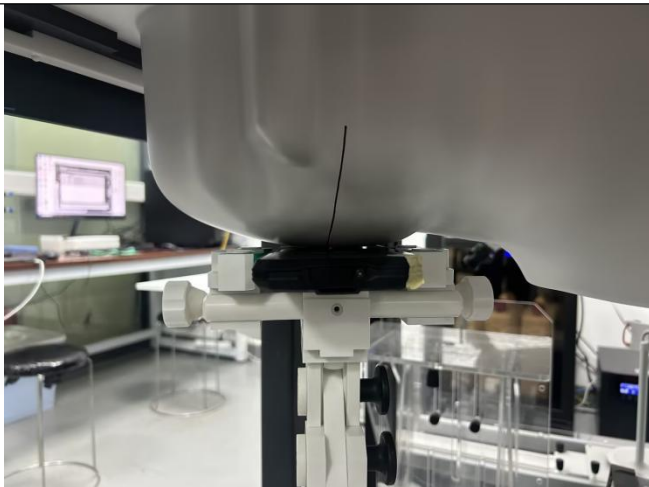
Reference Photos



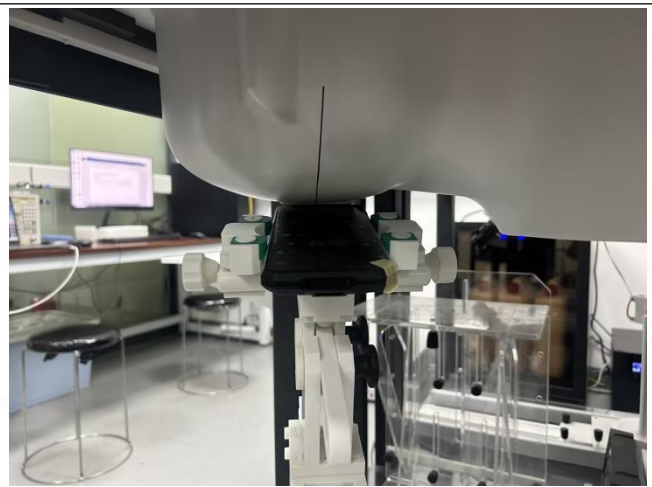
Left Head - Cheek



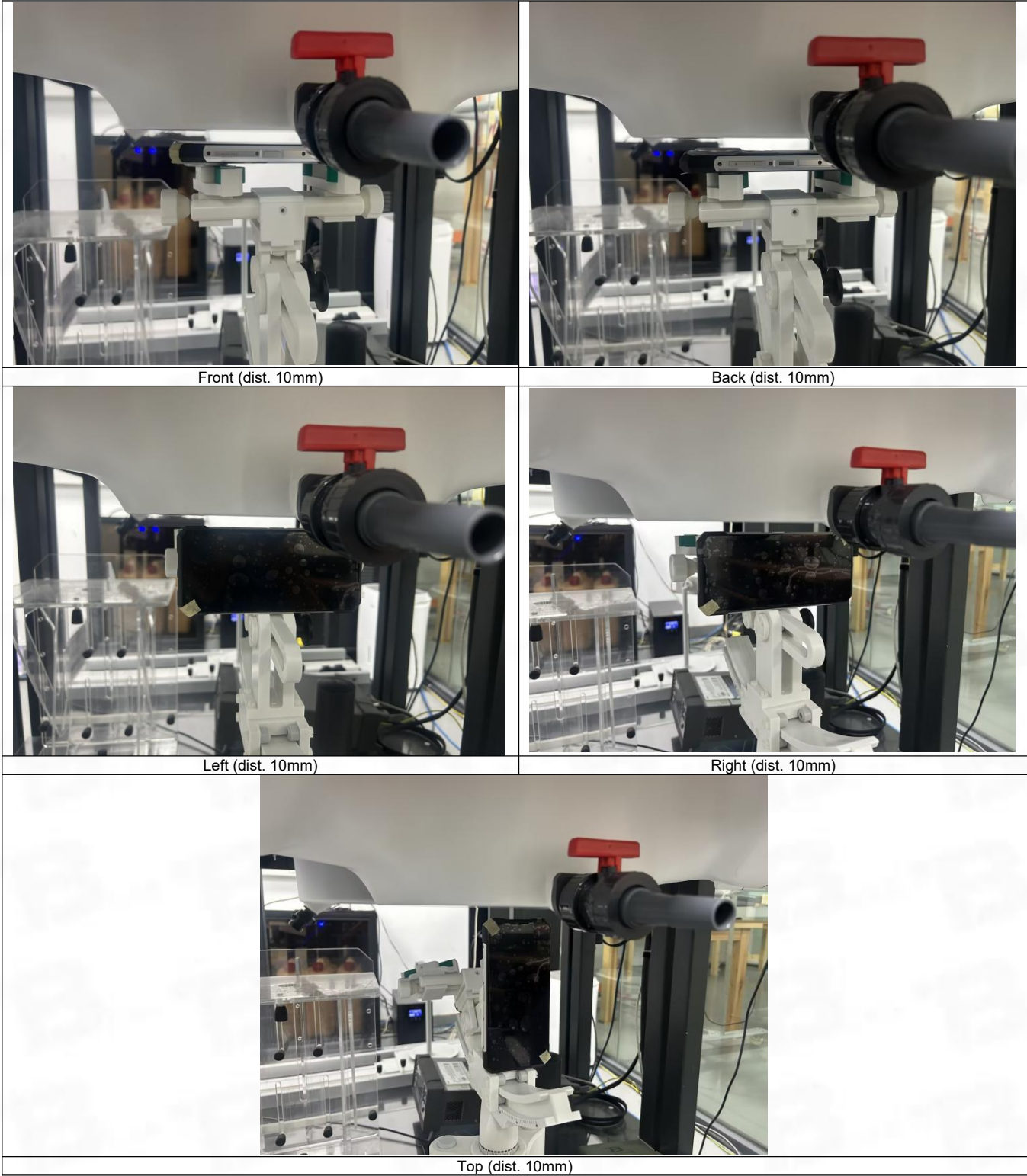
Left Head - Tilt



Right Head - Cheek



Right Head - Tilt



ANNEX E EUT External and Internal Photos

Please refer to RF Report.

ANNEX F Calibration Information

Please refer to the document "Calibration.pdf".



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--END OF REPORT--