

3# System check at 1800 MHz
 Date of measurement: 9/6/2026

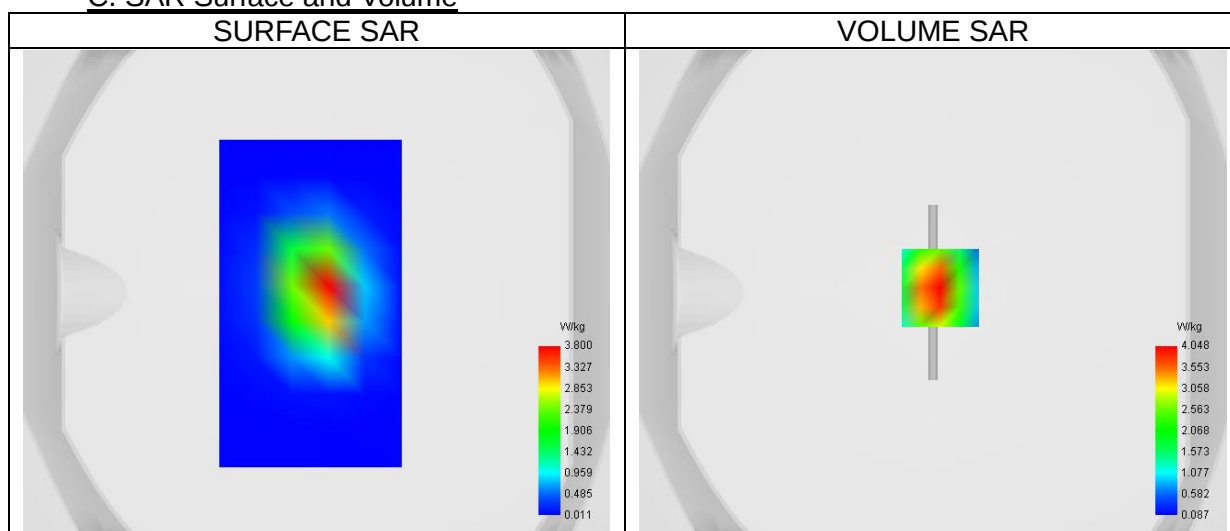
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	2.51
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW1800
Signal	CW
Channels/Frequency	Middle

B. Permittivity

Middle TX Frequency (MHz)	1800.00
Relative permittivity (real part)	40.31
Relative permittivity (imaginary part)	13.95
Conductivity (S/m)	1.40

C. SAR Surface and Volume



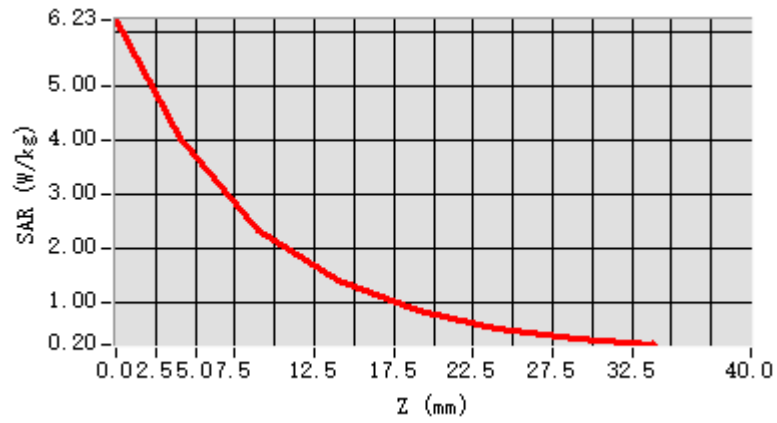
Maximum location: X=3.00, Y=2.00 ; SAR Peak: 6.35 W/kg

D. SAR 1g & 10g

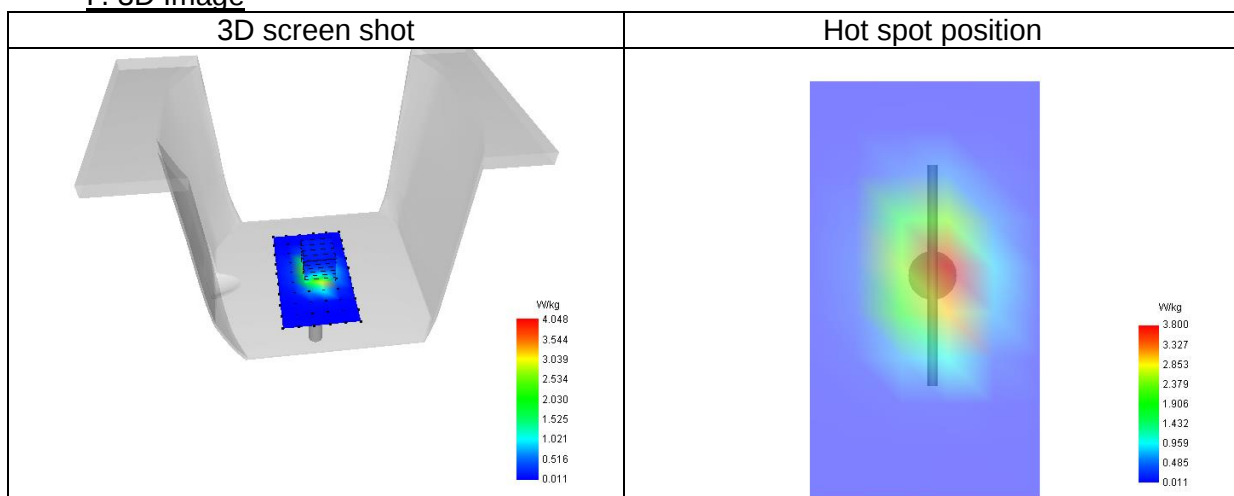
SAR 10g (W/Kg)	2.043
SAR 1g (W/Kg)	3.874
Variation (%)	-0.20
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	57.48

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	6.235	4.048	2.327	1.397	0.844	0.516	0.321



F. 3D Image



4# System check at 1900 MHz
 Date of measurement: 10/6/2026

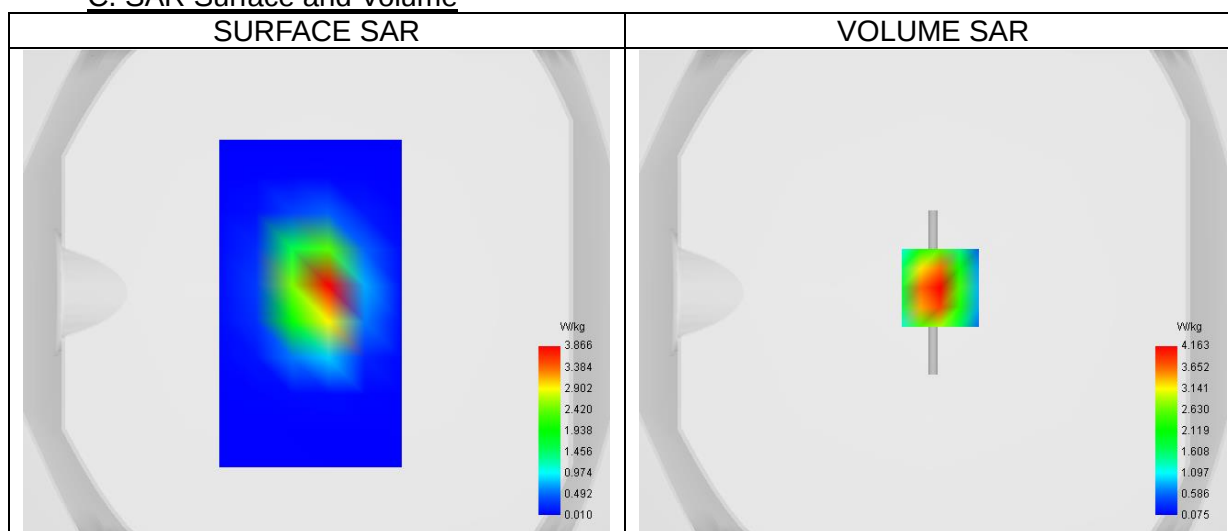
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	2.57
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW1900
Signal	CW
Channels/Frequency	Middle

B. Permittivity

Middle TX Frequency (MHz)	1900.00
Relative permittivity (real part)	39.05
Relative permittivity (imaginary part)	13.70
Conductivity (S/m)	1.45

C. SAR Surface and Volume



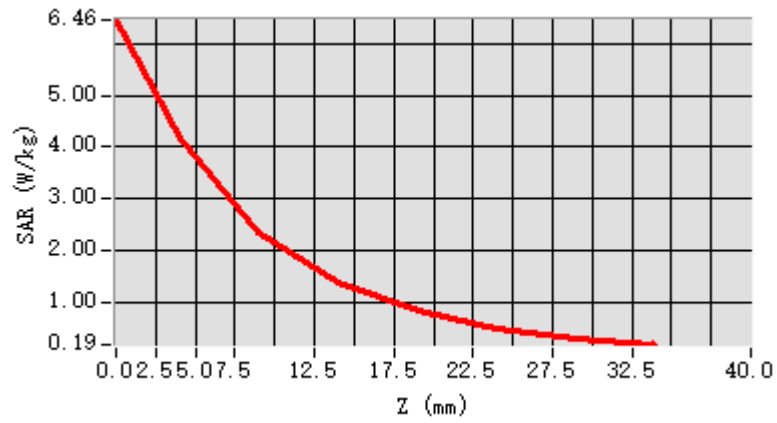
Maximum location: X=3.00, Y=2.00 ; SAR Peak: 6.61 W/kg

D. SAR 1g & 10g

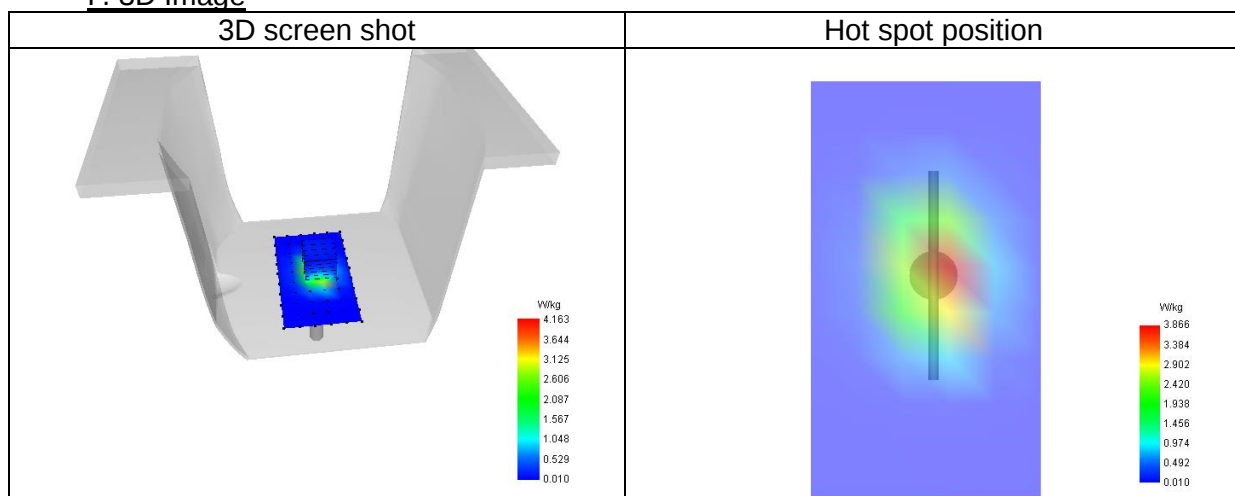
SAR 10g (W/Kg)	2.103
SAR 1g (W/Kg)	4.114
Variation (%)	-0.04
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	56.77

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	6.457	4.163	2.364	1.397	0.829	0.499	0.304



F. 3D Image



5# System check at 2450 MHz
 Date of measurement: 11/6/2026

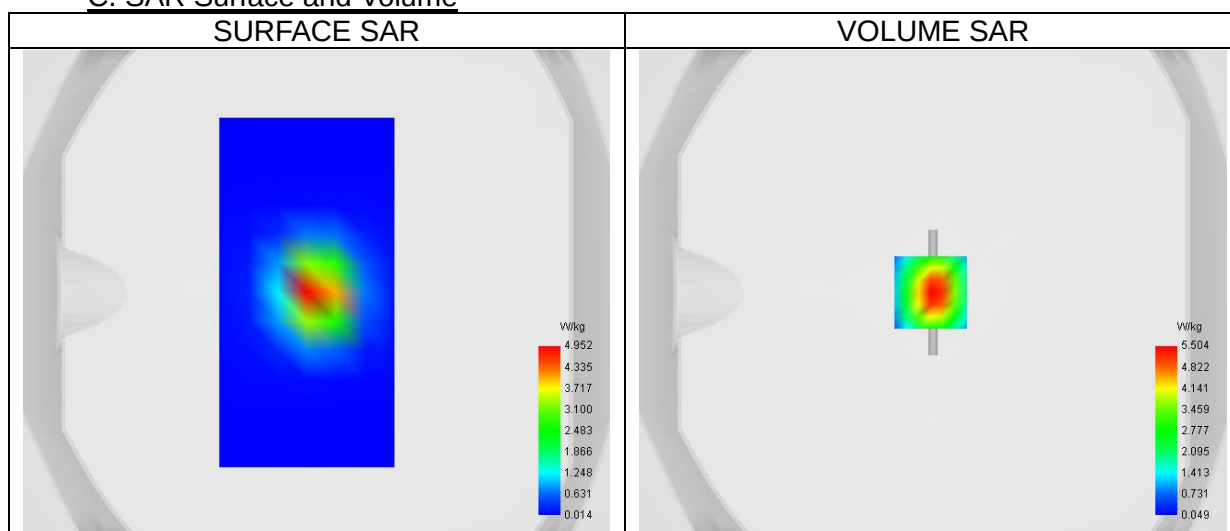
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	2.74
Area Scan	dx=12mm dy=12mm, Complete
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5.0mm,Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW2450
Signal	CW
Channels/Frequency	Middle

B. Permittivity

Middle TX Frequency (MHz)	2450.00
Relative permittivity (real part)	41.04
Relative permittivity (imaginary part)	13.38
Conductivity (S/m)	1.82

C. SAR Surface and Volume



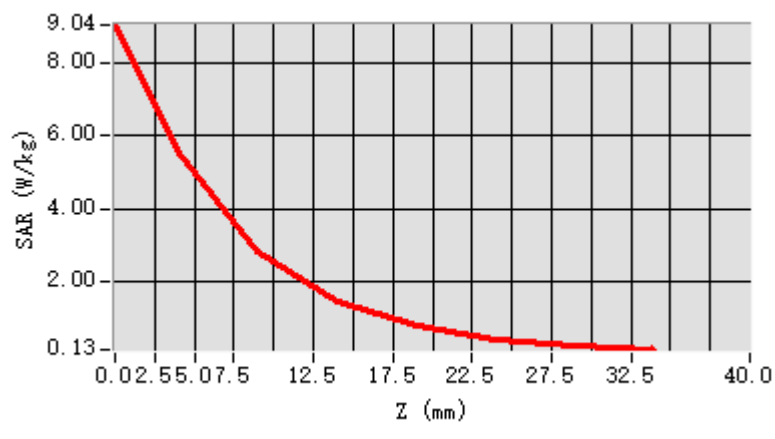
Maximum location: X=-1.00, Y=0.00 ; SAR Peak: 9.07 W/kg

D. SAR 1g & 10g

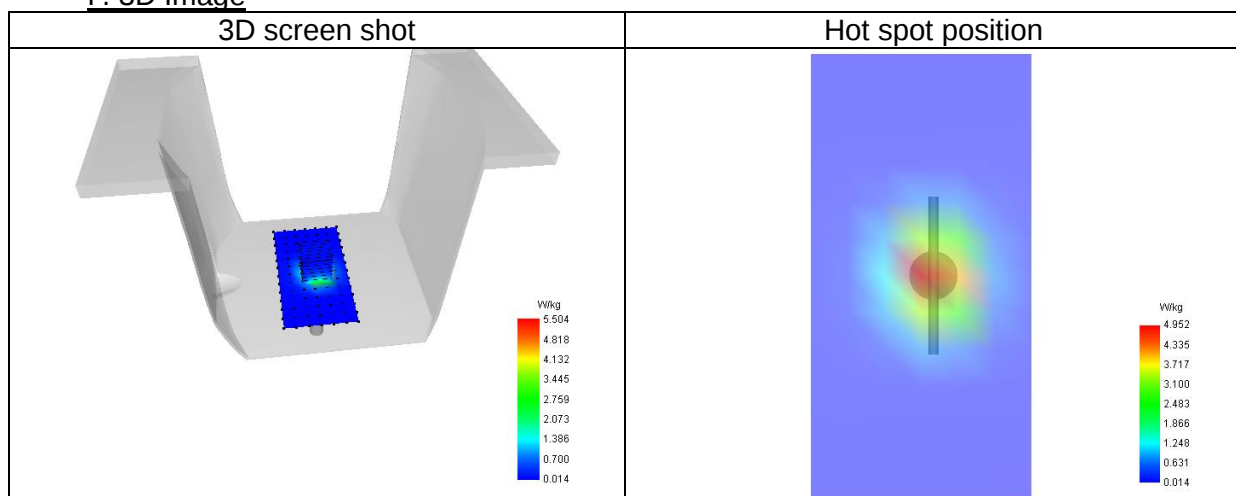
SAR 10g (W/Kg)	2.427
SAR 1g (W/Kg)	5.207
Variation (%)	-0.80
Horizontal validation criteria: minimum distance (mm)	10.00
Vertical validation criteria: SAR ratio M2/M1 (%)	51.46

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	9.036	5.504	2.833	1.466	0.773	0.413	0.225



F. 3D Image



6# System check at 2600 MHz
Date of measurement: 3/6/2026

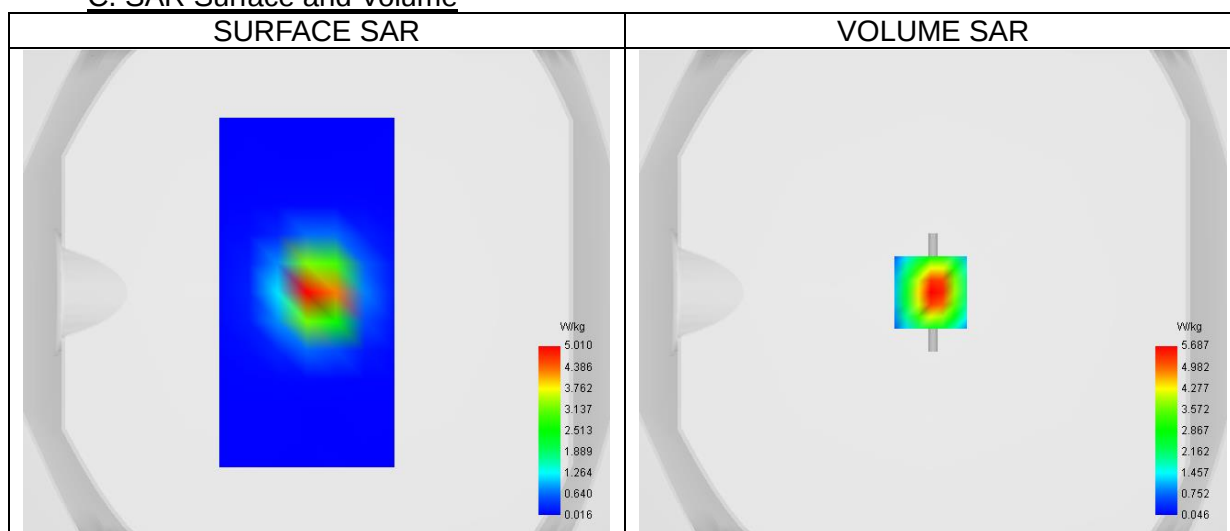
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	2.51
Area Scan	dx=12mm dy=12mm, Complete
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5.0mm,Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW2600
Signal	CW
Channels/Frequency	Middle

B. Permittivity

Middle TX Frequency (MHz)	2600.00
Relative permittivity (real part)	39.85
Relative permittivity (imaginary part)	13.19
Conductivity (S/m)	1.91

C. SAR Surface and Volume



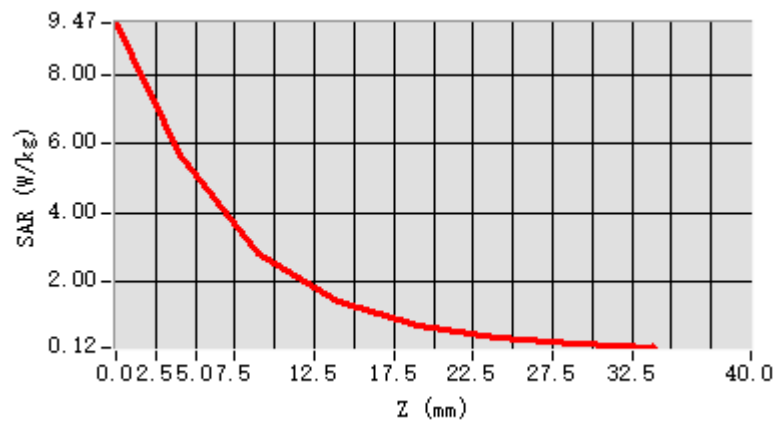
Maximum location: X=-1.00, Y=0.00 ; SAR Peak: 9.55 W/kg

D. SAR 1g & 10g

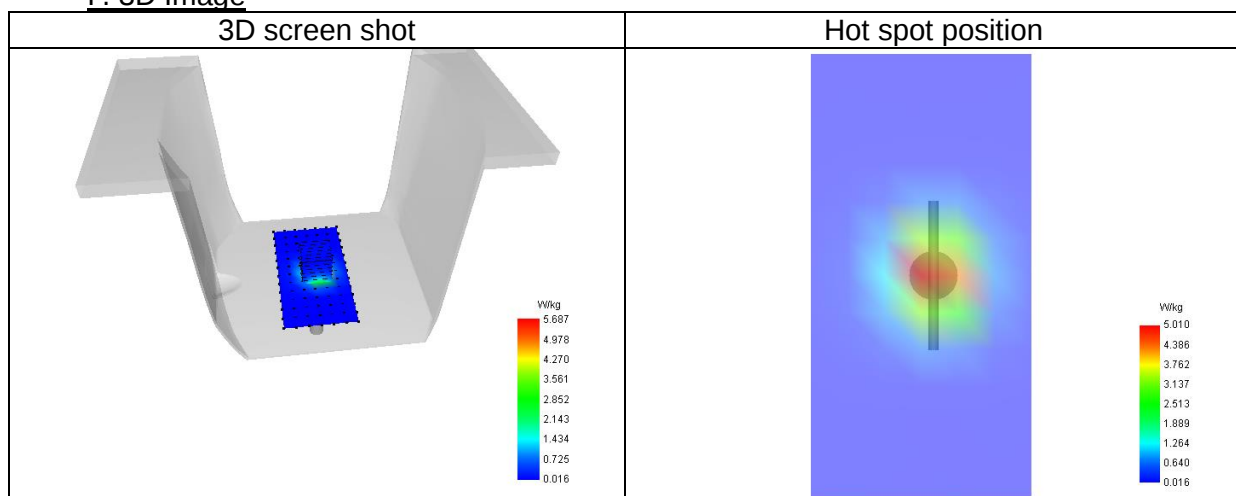
SAR 10g (W/Kg)	2.431
SAR 1g (W/Kg)	5.286
Variation (%)	-0.03
Horizontal validation criteria: minimum distance (mm)	10.00
Vertical validation criteria: SAR ratio M2/M1 (%)	50.22

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	9.473	5.687	2.856	1.453	0.745	0.387	0.206



F. 3D Image



7# System check at 5200 MHz
Date of measurement: 4/6/2026

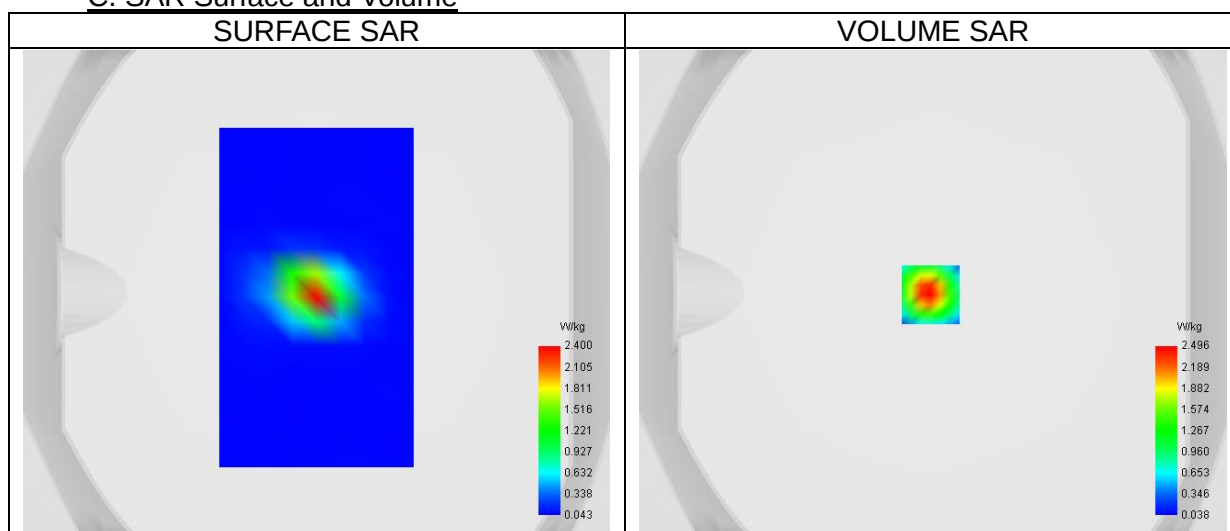
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	1.89
Area Scan	dx=10mm dy=10mm, Complete
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2.0mm,Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW5200
Signal	CW
Channels/Frequency	Middle

B. Permittivity

Middle TX Frequency (MHz)	5200.00
Relative permittivity (real part)	37.18
Relative permittivity (imaginary part)	16.05
Conductivity (S/m)	4.64

C. SAR Surface and Volume



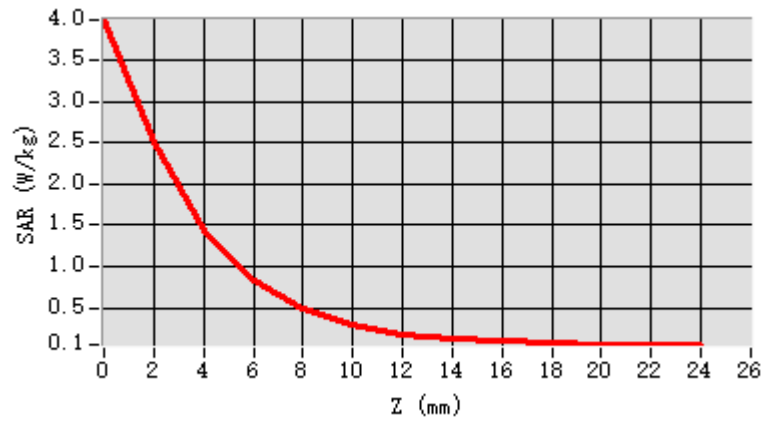
Maximum location: X=-1.00, Y=-1.00 ; SAR Peak: 4.07 W/kg

D. SAR 1g & 10g

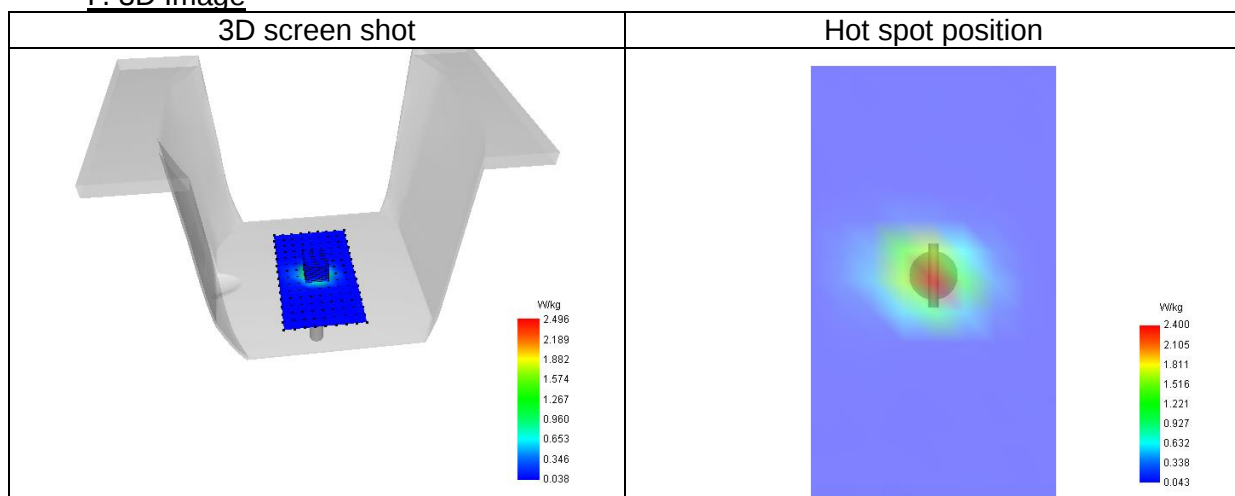
SAR 10g (W/Kg)	0.532
SAR 1g (W/Kg)	1.469
Variation (%)	0.46
Horizontal validation criteria: minimum distance (mm)	11.31
Vertical validation criteria: SAR ratio M2/M1 (%)	58.00

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.0	12.0	14.0	16.0	18.0	20.0	22.0
SAR (W/Kg)	3.98	2.49	1.44	0.83	0.48	0.28	0.18	0.13	0.10	0.07	0.06	0.05
	4	6	8	7	5	8	8	7	1	8	2	9



F. 3D Image



8# System check at 5800 MHz
Date of measurement: 5/6/2026

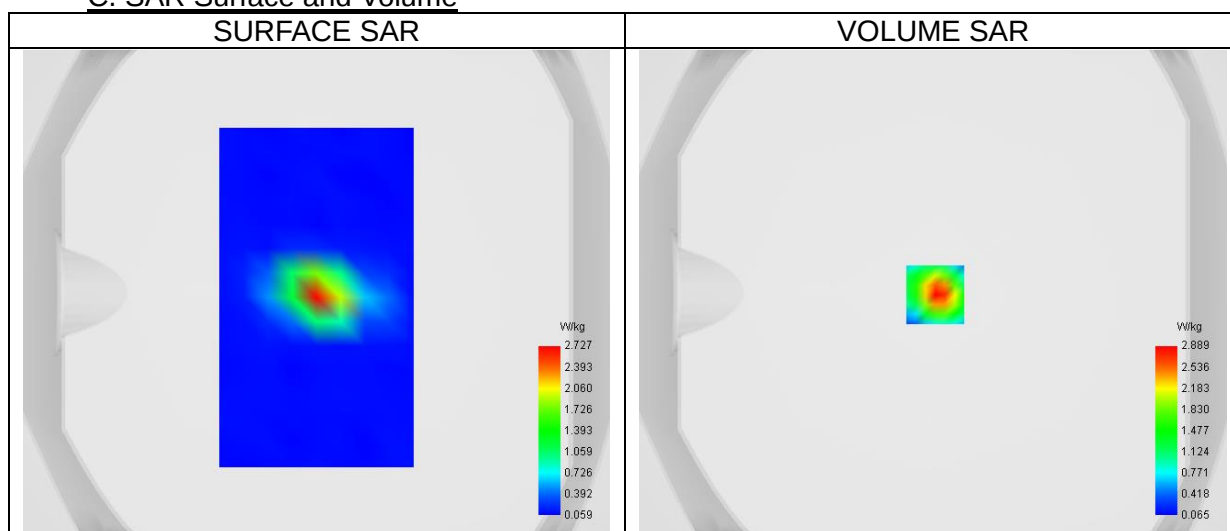
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	1.90
Area Scan	dx=10mm dy=10mm, Complete
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2.0mm,Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW5800
Signal	CW
Channels/Frequency	Middle

B. Permittivity

Middle TX Frequency (MHz)	5800.00
Relative permittivity (real part)	36.07
Relative permittivity (imaginary part)	16.16
Conductivity (S/m)	5.21

C. SAR Surface and Volume



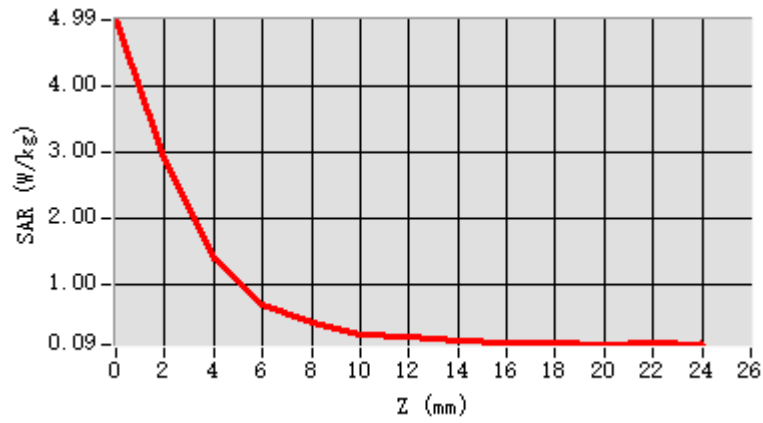
Maximum location: X=1.00, Y=-1.00 ; SAR Peak: 5.40 W/kg

D. SAR 1g & 10g

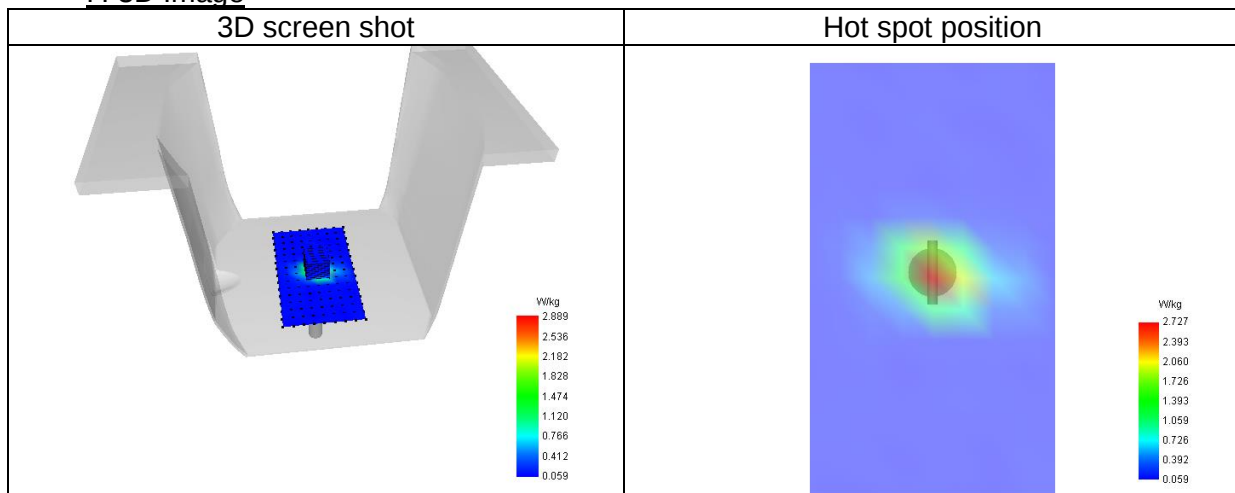
SAR 10g (W/Kg)	0.606
SAR 1g (W/Kg)	1.667
Variation (%)	-0.45
Horizontal validation criteria: minimum distance (mm)	8.94
Vertical validation criteria: SAR ratio M2/M1 (%)	48.46

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.0	12.0	14.0	16.0	18.0	20.0	22.0
SAR (W/Kg)	4.99 2	2.88 9	1.40 0	0.69 2	0.41 3	0.24 2	0.19 6	0.14 6	0.12 7	0.10 8	0.08 8	0.10 3



F. 3D Image



13. Appendix C. Plots of High SAR Measurement

- 1# SAR Measurement at GPRS850 (Cheek, Right)
- 2# SAR Measurement at GPRS850 (Body, Validation Plane)
- 3# SAR Measurement at GPRS1900 (Cheek, Right)
- 4# SAR Measurement at GPRS1900 (Body, Validation Plane)
- 5# SAR Measurement at Band 2 (1900) (Cheek, Right)
- 6# SAR Measurement at Band 2 (1900) (Body, Validation Plane)
- 7# SAR Measurement at Band 4 (1700) (Cheek, Right)
- 8# SAR Measurement at Band 4 (1700) (Body, Validation Plane)
- 9# SAR Measurement at Band 5 (850) (Cheek, Right)
- 10# SAR Measurement at Band 5 (850) (Body, Validation Plane)
- 11# SAR Measurement at U-NII-1 (Cheek, Left)
- 12# SAR Measurement at U-NII-1 (Body, Validation Plane)
- 13# SAR Measurement at U-NII-3 (Cheek, Left)
- 14# SAR Measurement at U-NII-3 (Body, Validation Plane)
- 15# SAR Measurement at ISM (Cheek, Left)
- 16# SAR Measurement at ISM (Body, Validation Plane)
- 17# SAR Measurement at LTE band 2 (Cheek, Left)
- 18# SAR Measurement at LTE band 2 (Body, Validation Plane)
- 19# SAR Measurement at LTE band 4 (Cheek, Left)
- 20# SAR Measurement at LTE band 4 (Body, Validation Plane)
- 21# SAR Measurement at LTE band 5 (Cheek, Left)
- 22# SAR Measurement at LTE band 5 (Body, Validation Plane)
- 23# SAR Measurement at LTE band 7 (Cheek, Left)
- 24# SAR Measurement at LTE band 7 (Body, Validation Plane)
- 25# SAR Measurement at LTE band 12 (Cheek, Left)
- 26# SAR Measurement at LTE band 12 (Body, Validation Plane)
- 27# SAR Measurement at LTE band 17 (Cheek, Left)
- 28# SAR Measurement at LTE band 17 (Body, Validation Plane)
- 29# SAR Measurement at LTE band 41 (Cheek, Left)
- 30# SAR Measurement at LTE band 41 (Body, Validation Plane)

1# SAR Measurement at GSM850 (Cheek, Right)

Date of measurement: 8/6/2026

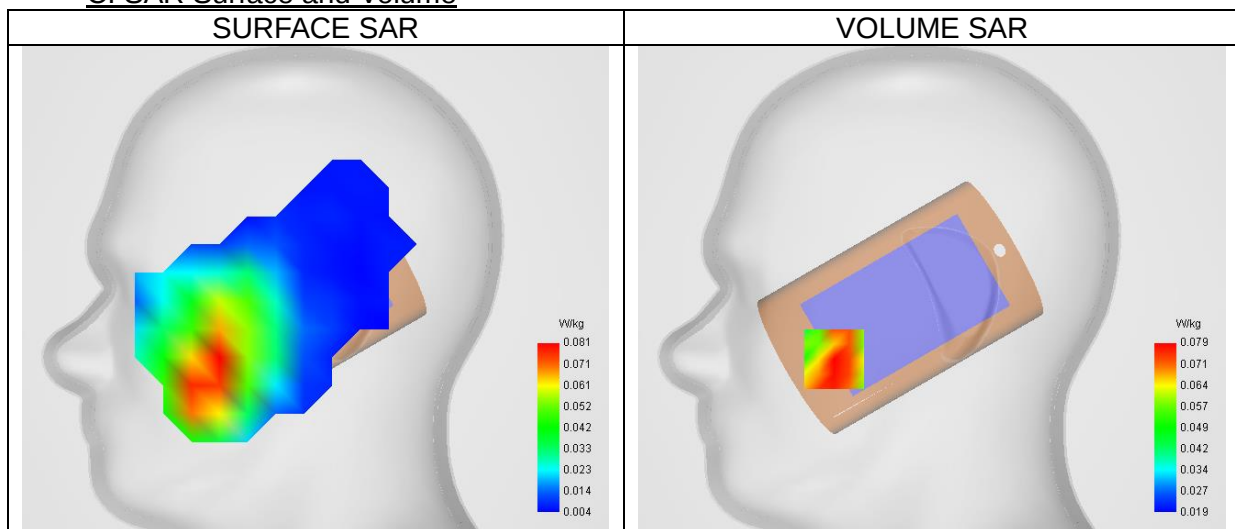
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	2.34
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Right head
Device Position	Cheek
Band	GSM850
Signal	TDMA (GSM)
Channels/Frequency	Middle (189)/ frequency 836.40 Mhz
Modulation	GMSK

B. Permittivity

Middle TX Frequency (MHz)	836.40
Relative permittivity (real part)	42.70
Relative permittivity (imaginary part)	19.96
Conductivity (S/m)	0.93

C. SAR Surface and Volume



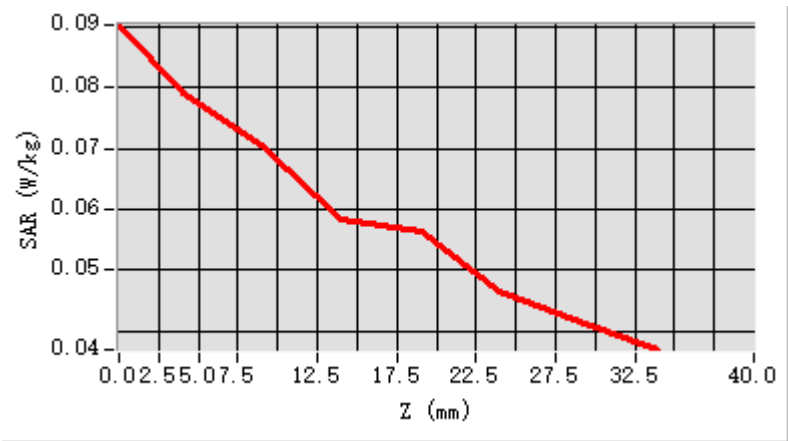
Maximum location: X=-52.00, Y=-37.00 ; SAR Peak: 0.09 W/kg

D. SAR 1g & 10g

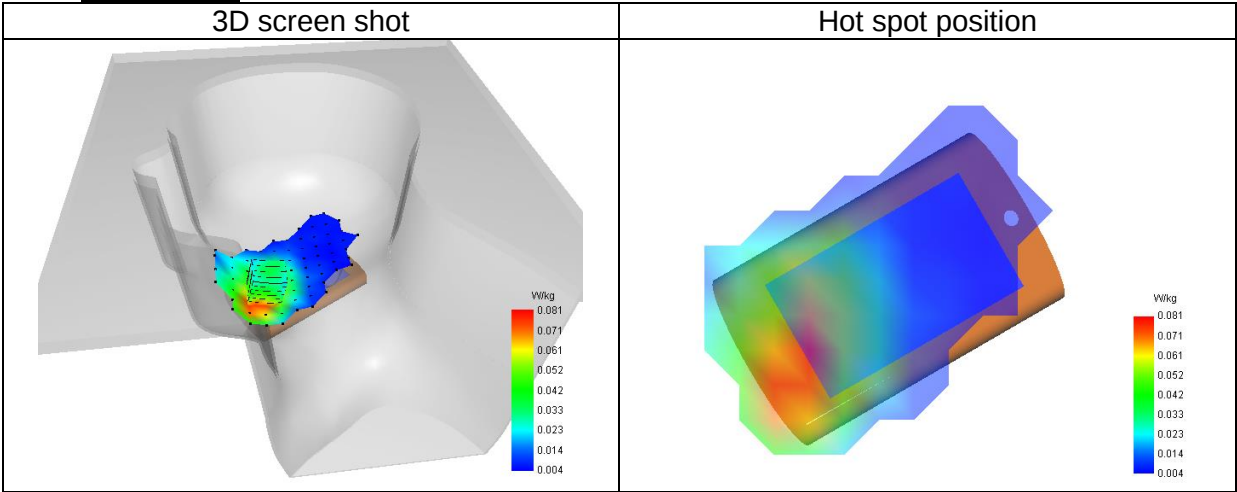
SAR 10g (W/Kg)	0.063
SAR 1g (W/Kg)	0.078
Variation (%)	4.15
Horizontal validation criteria: minimum distance (mm)	0.00
Vertical validation criteria: SAR ratio M2/M1 (%)	0.00

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.090	0.079	0.070	0.058	0.056	0.047	0.041



F. 3D Image



2# SAR Measurement at GPRS850 (Body, Validation Plane)

Date of measurement: 8/6/2026

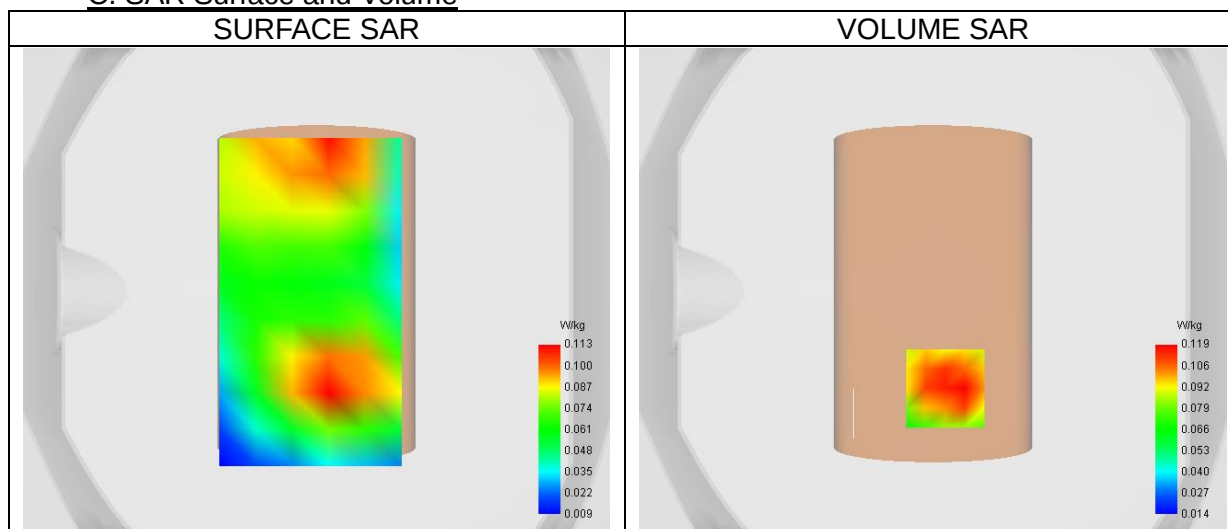
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	2.34
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	GPRS850
Signal	TDMA (GPRS)
Channels/Frequency	Middle (189)/ frequency 836.40 Mhz
Modulation	GMSK (CS-4)
TX-slots	4

B. Permittivity

Middle TX Frequency (MHz)	836.40
Relative permittivity (real part)	42.70
Relative permittivity (imaginary part)	19.96
Conductivity (S/m)	0.93

C. SAR Surface and Volume



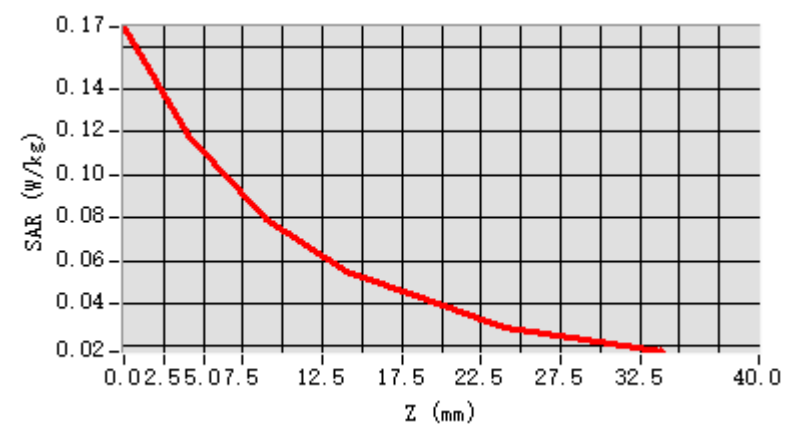
Maximum location: X=5.00, Y=-40.00 ; SAR Peak: 0.17 W/kg

D. SAR 1g & 10g

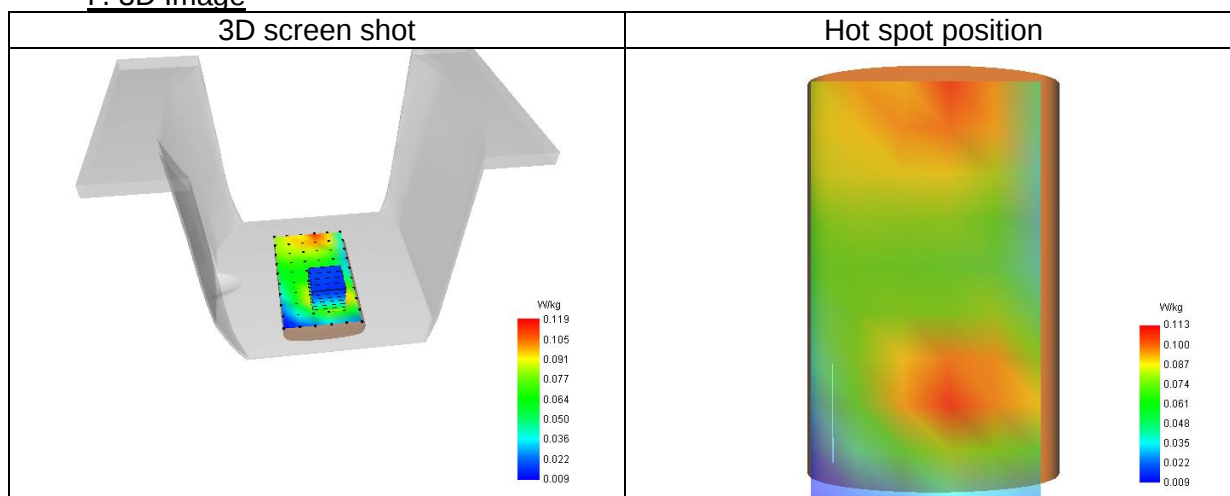
SAR 10g (W/Kg)	0.074
SAR 1g (W/Kg)	0.116
Variation (%)	1.24
Horizontal validation criteria: minimum distance (mm)	0.00
Vertical validation criteria: SAR ratio M2/M1 (%)	0.00

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.169	0.119	0.079	0.055	0.042	0.029	0.023



F. 3D Image



3# SAR Measurement at GSM1900 (Cheek, Right)

Date of measurement: 10/6/2026

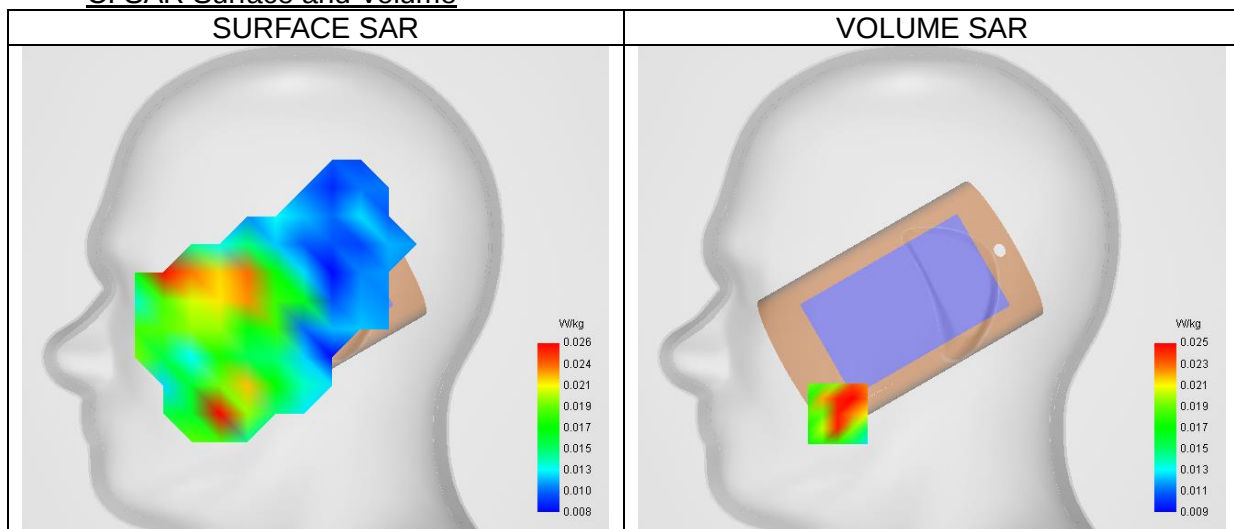
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	2.57
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Right head
Device Position	Cheek
Band	GSM1900
Signal	TDMA (GSM)
Channels/Frequency	Middle (661)/ frequency 1880.00 Mhz
Modulation	GMSK

B. Permittivity

Middle TX Frequency (MHz)	1880.00
Relative permittivity (real part)	39.14
Relative permittivity (imaginary part)	13.72
Conductivity (S/m)	1.43

C. SAR Surface and Volume



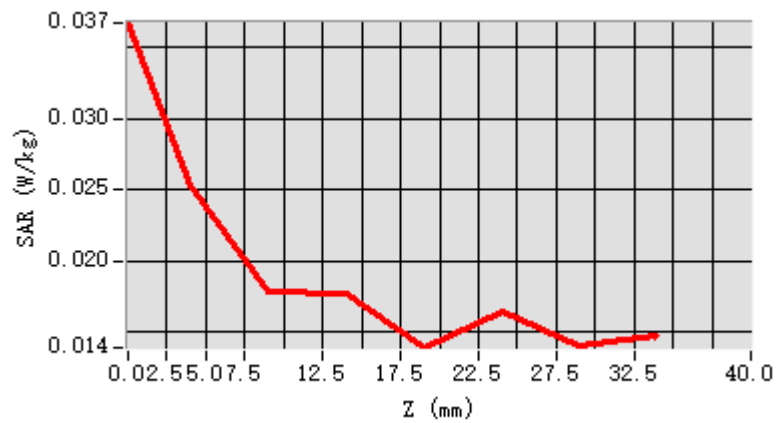
Maximum location: X=-50.00, Y=-66.00 ; SAR Peak: 0.03 W/kg

D. SAR 1g & 10g

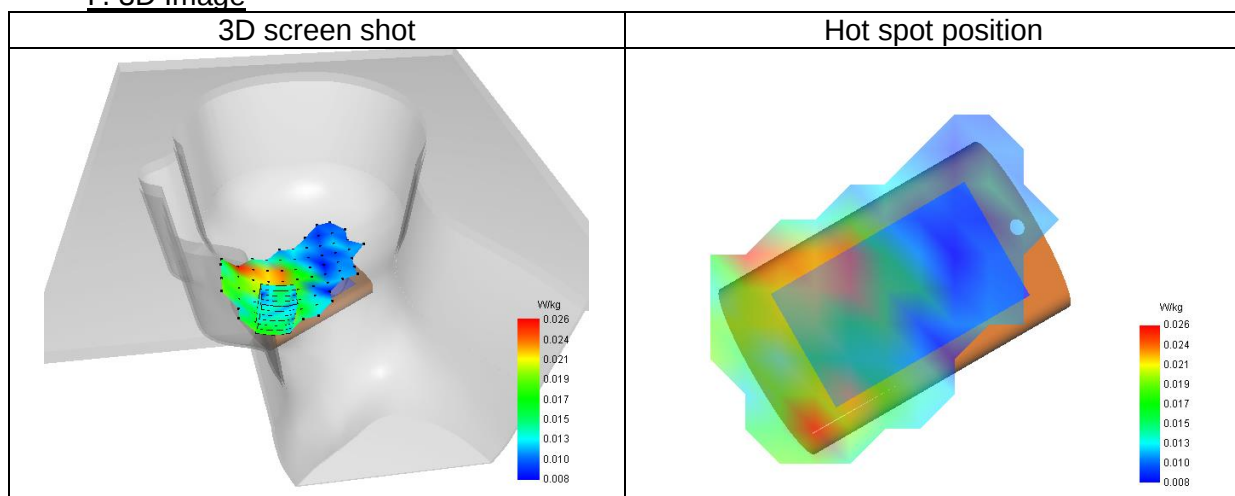
SAR 10g (W/Kg)	0.019
SAR 1g (W/Kg)	0.025
Variation (%)	-0.31
Horizontal validation criteria: minimum distance (mm)	25.30
Vertical validation criteria: SAR ratio M2/M1 (%)	86.76

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.037	0.025	0.018	0.018	0.014	0.016	0.014



F. 3D Image



4# SAR Measurement at GPRS1900 (Body, Validation Plane)

Date of measurement: 10/6/2026

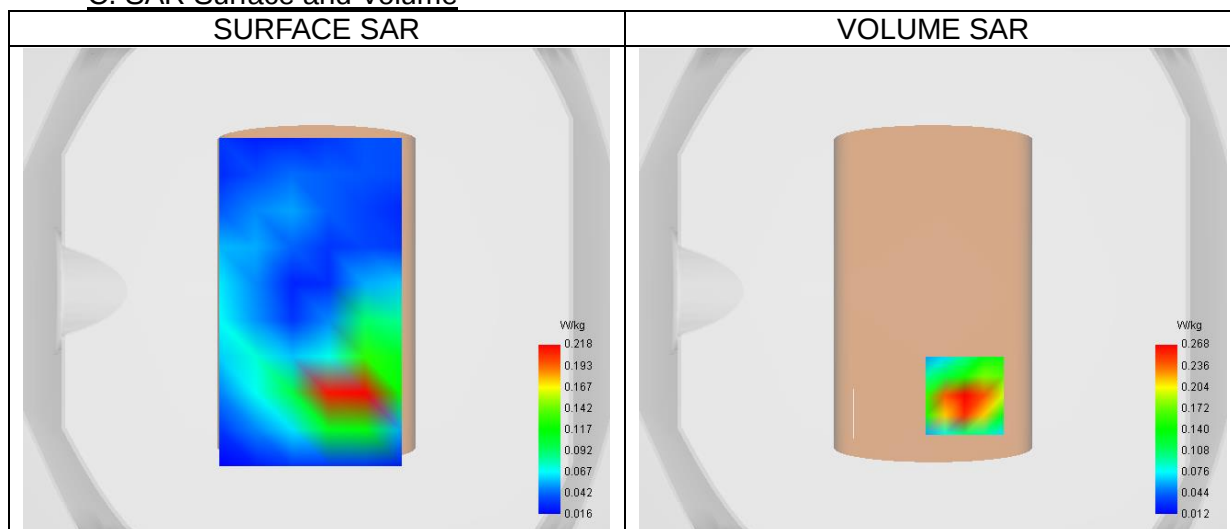
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	2.57
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	GPRS1900
Signal	TDMA (GPRS)
Channels/Frequency	Middle (661)/ frequency 1880.00 Mhz
Modulation	GMSK (CS-4)
TX-slots	4

B. Permittivity

Middle TX Frequency (MHz)	1880.00
Relative permittivity (real part)	39.14
Relative permittivity (imaginary part)	13.72
Conductivity (S/m)	1.43

C. SAR Surface and Volume



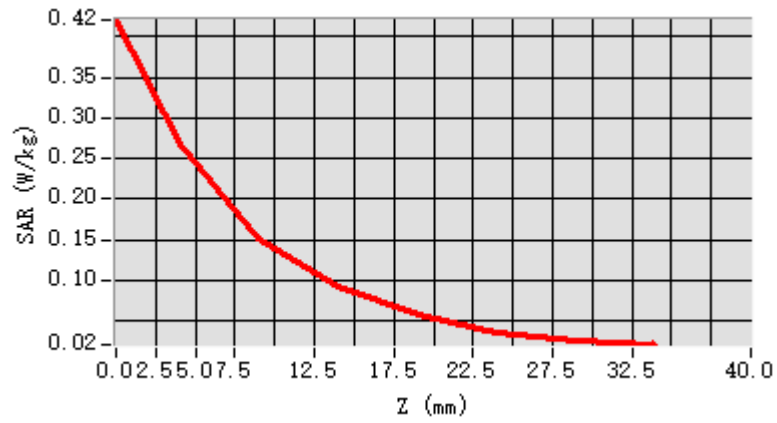
Maximum location: X=13.00, Y=-43.00 ; SAR Peak: 0.45 W/kg

D. SAR 1g & 10g

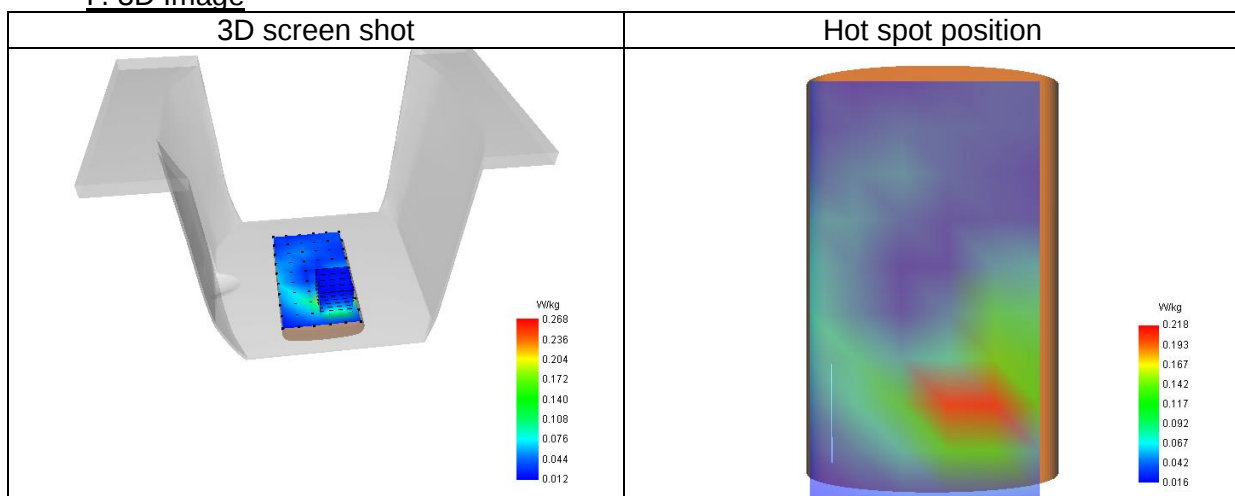
SAR 10g (W/Kg)	0.136
SAR 1g (W/Kg)	0.271
Variation (%)	-2.55
Horizontal validation criteria: minimum distance (mm)	11.31
Vertical validation criteria: SAR ratio M2/M1 (%)	56.74

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.421	0.268	0.152	0.092	0.058	0.037	0.026



F. 3D Image



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

Date of measurement: 10/6/2026

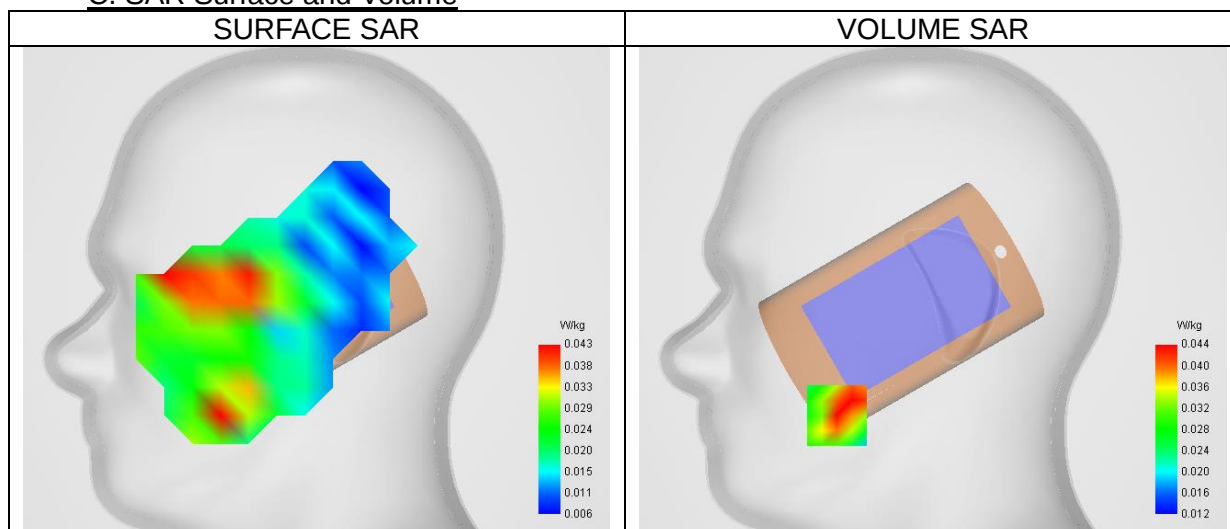
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	2.57
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5.0mm,Complete
Phantom	Right head
Device Position	Cheek
Band	Band 2 (1900)
Signal	WCDMA
Channels/Frequency	Middle (9400)/ frequency 1880.00 Mhz
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Middle TX Frequency (MHz)	1880.00
Relative permittivity (real part)	39.14
Relative permittivity (imaginary part)	13.72
Conductivity (S/m)	1.43

C. SAR Surface and Volume



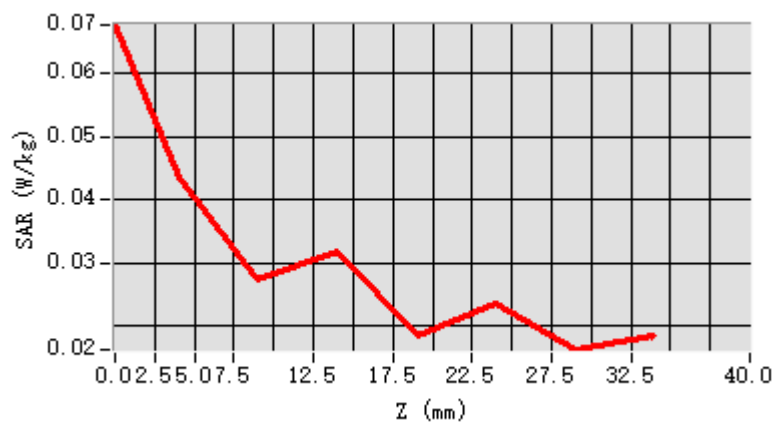
Maximum location: X=-51.00, Y=-66.00 ; SAR Peak: 0.05 W/kg

D. SAR 1g & 10g

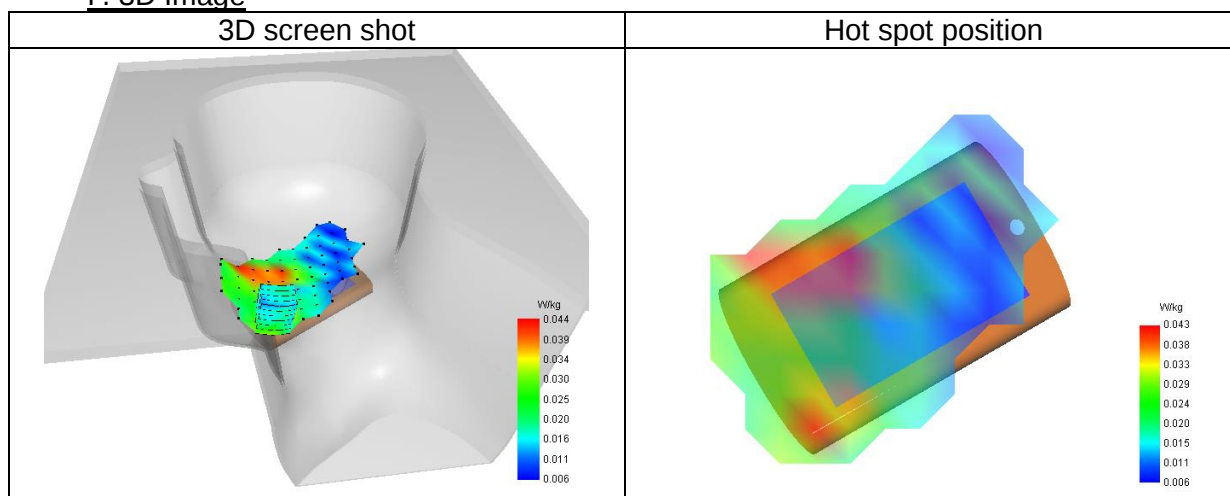
SAR 10g (W/Kg)	0.031
SAR 1g (W/Kg)	0.042
Variation (%)	-0.63
Horizontal validation criteria: minimum distance (mm)	25.30
Vertical validation criteria: SAR ratio M2/M1 (%)	86.41

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.068	0.044	0.027	0.032	0.018	0.024	0.016



F. 3D Image



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

Date of measurement: 10/6/2026

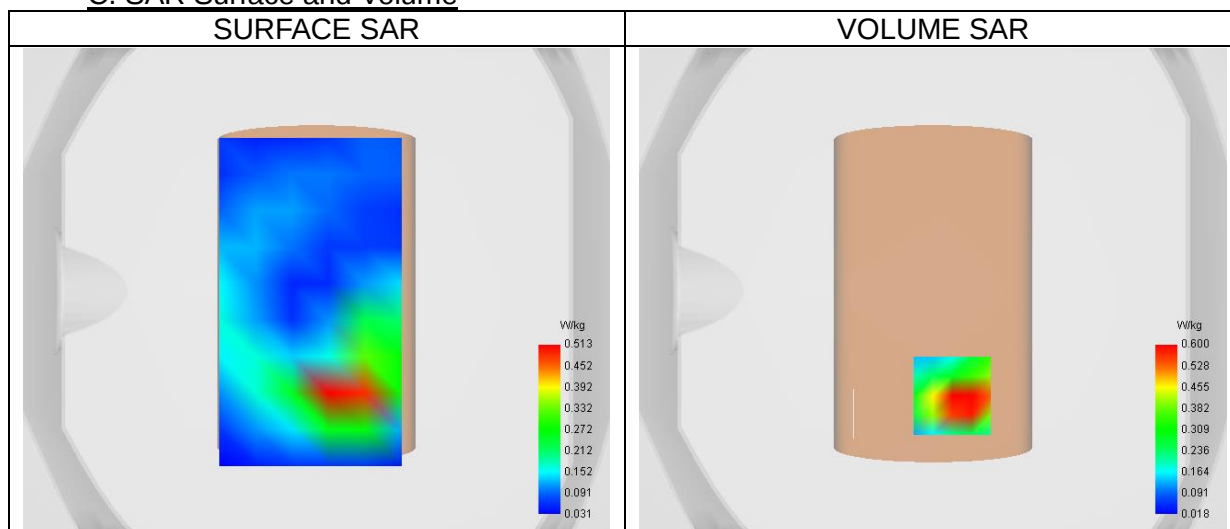
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	2.57
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	Band 2 (1900)
Signal	WCDMA
Channels/Frequency	Middle (9400)/ frequency 1880.00 Mhz
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Middle TX Frequency (MHz)	1880.00
Relative permittivity (real part)	39.14
Relative permittivity (imaginary part)	13.72
Conductivity (S/m)	1.43

C. SAR Surface and Volume



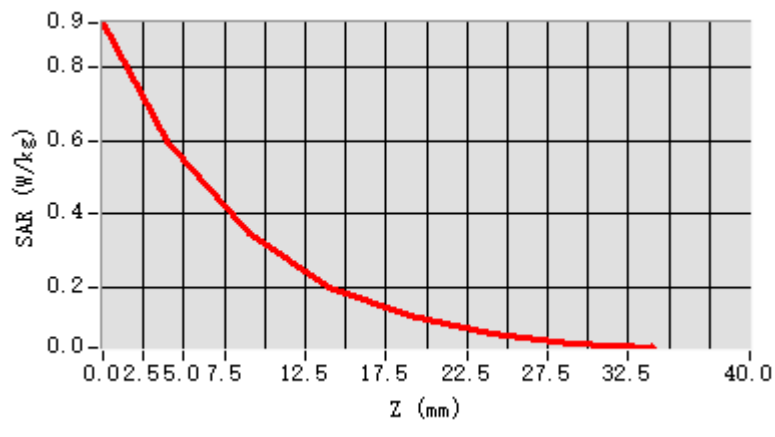
Maximum location: X=8.00, Y=-43.00 ; SAR Peak: 1.01 W/kg

D. SAR 1g & 10g

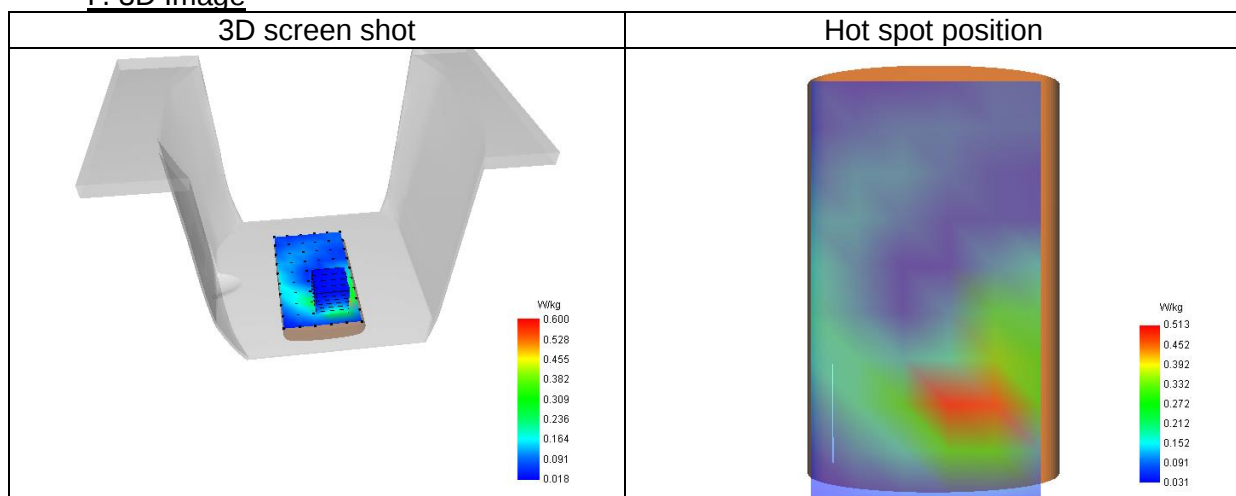
SAR 10g (W/Kg)	0.312
SAR 1g (W/Kg)	0.619
Variation (%)	-1.31
Horizontal validation criteria: minimum distance (mm)	8.00
Vertical validation criteria: SAR ratio M2/M1 (%)	59.75

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.921	0.600	0.347	0.197	0.120	0.074	0.045



F. 3D Image



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

Date of measurement: 9/6/2026

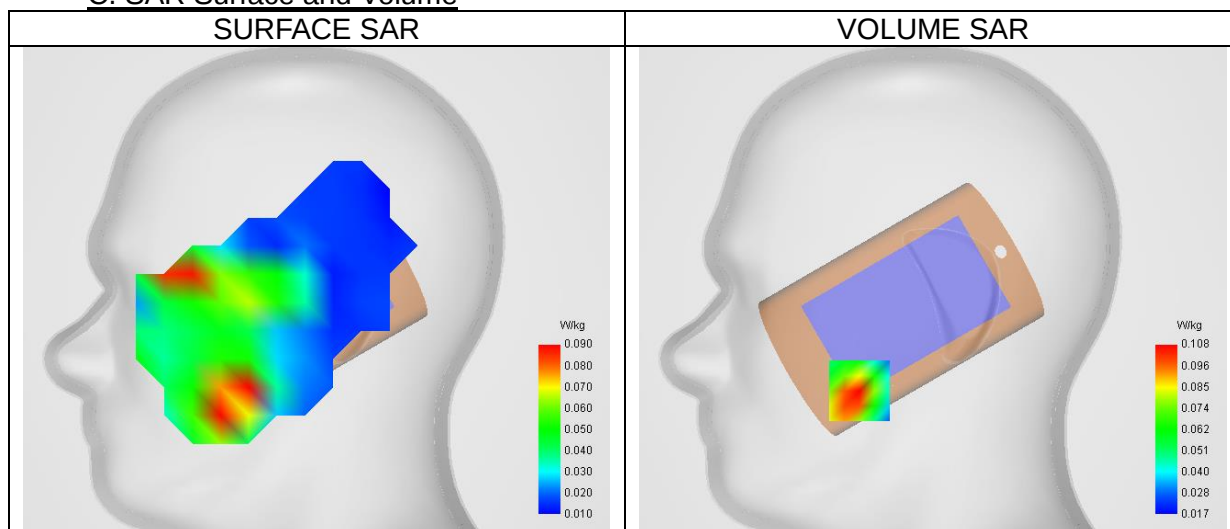
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	2.51
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Right head
Device Position	Cheek
Band	Band 4 (1700)
Signal	WCDMA
Channels/Frequency	Middle (1413)/ frequency 1732.60 Mhz
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Middle TX Frequency (MHz)	1732.60
Relative permittivity (real part)	40.78
Relative permittivity (imaginary part)	13.89
Conductivity (S/m)	1.34

C. SAR Surface and Volume



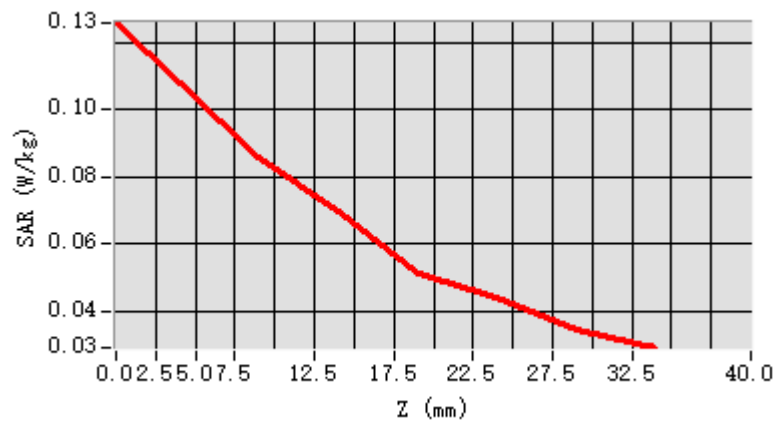
Maximum location: X=-39.00, Y=-53.00 ; SAR Peak: 0.13 W/kg

D. SAR 1g & 10g

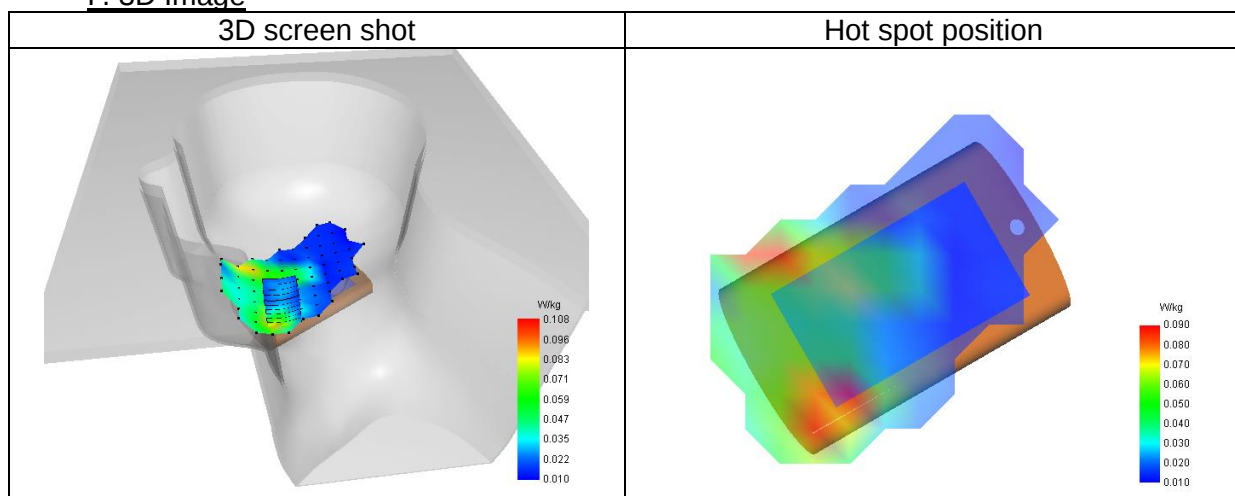
SAR 10g (W/Kg)	0.071
SAR 1g (W/Kg)	0.102
Variation (%)	-1.55
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	79.30

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.126	0.108	0.086	0.070	0.051	0.044	0.034



F. 3D Image



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

Date of measurement: 9/6/2026

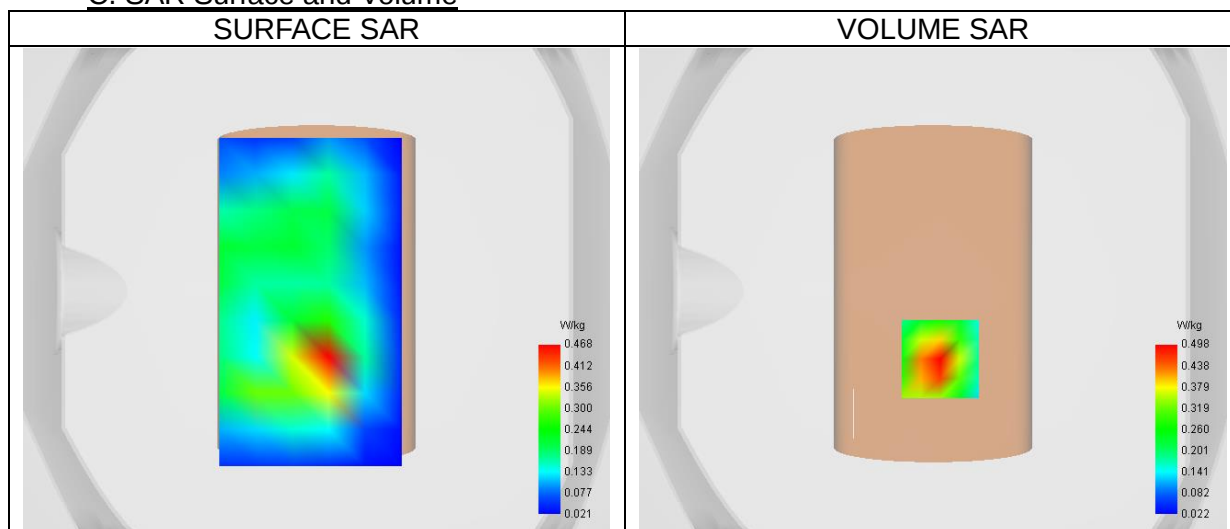
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	2.51
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	Band 4 (1700)
Signal	WCDMA
Channels/Frequency	Middle (1413)/ frequency 1732.60 Mhz
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Middle TX Frequency (MHz)	1732.60
Relative permittivity (real part)	40.78
Relative permittivity (imaginary part)	13.89
Conductivity (S/m)	1.34

C. SAR Surface and Volume



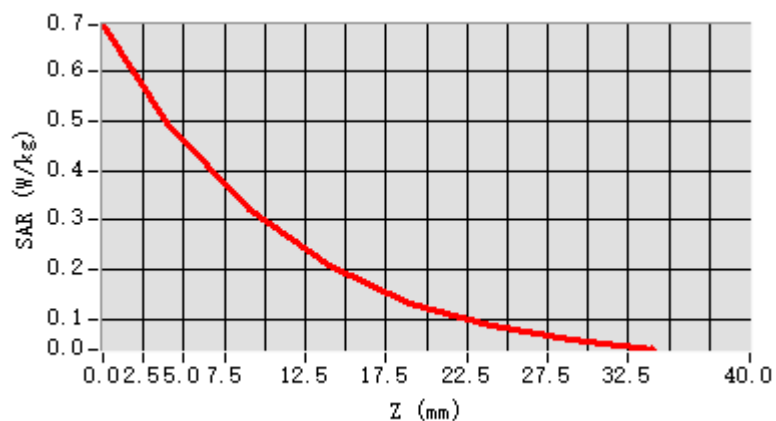
Maximum location: X=3.00, Y=-28.00 ; SAR Peak: 0.71 W/kg

D. SAR 1g & 10g

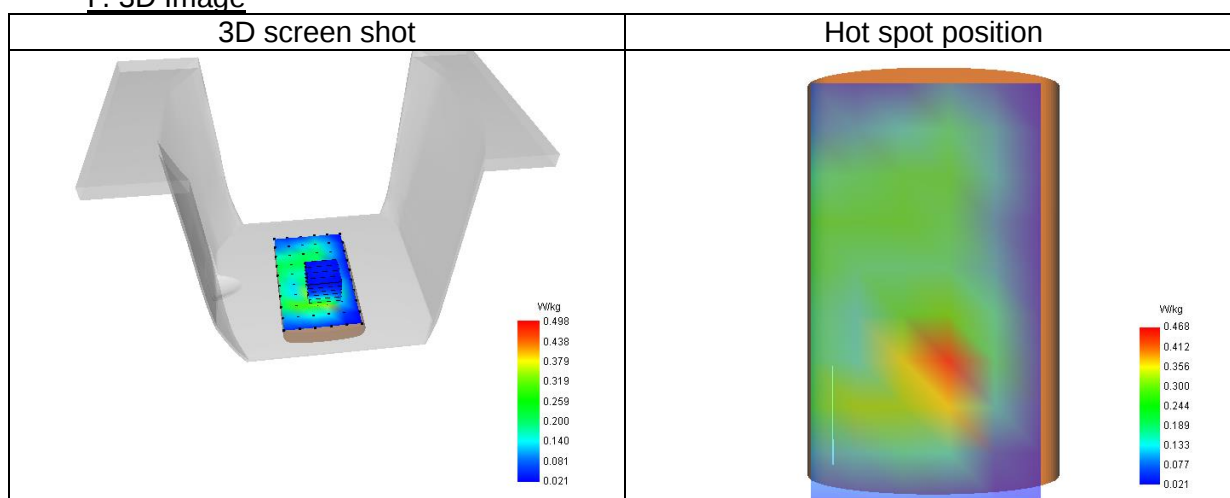
SAR 10g (W/Kg)	0.267
SAR 1g (W/Kg)	0.467
Variation (%)	-0.78
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	64.53

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.694	0.498	0.321	0.209	0.131	0.087	0.058



F. 3D Image



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

Date of measurement: 8/6/2026

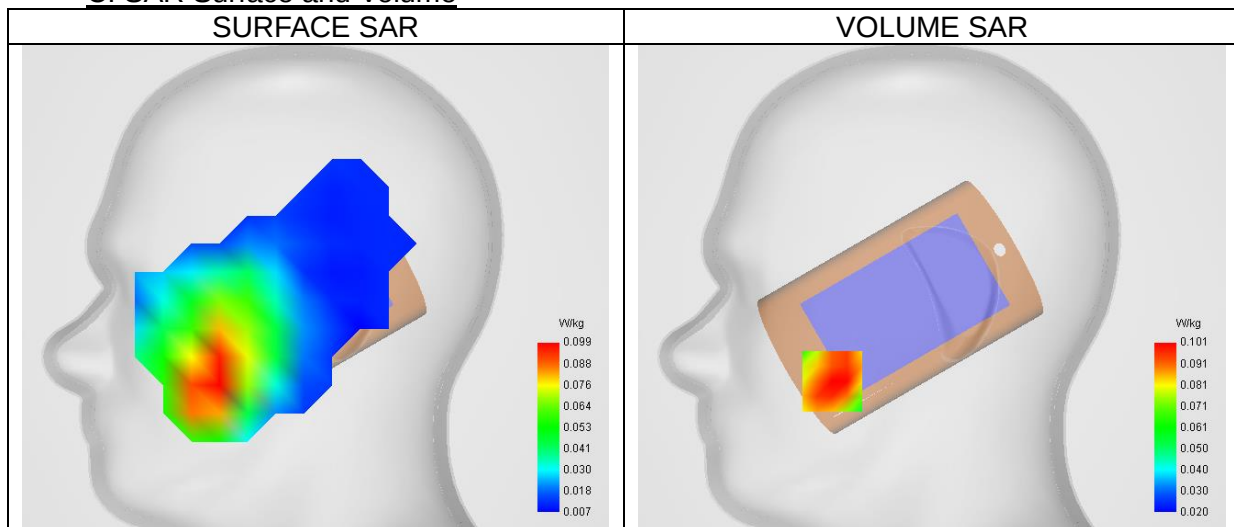
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	2.34
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Right head
Device Position	Cheek
Band	Band 5 (850)
Signal	WCDMA
Channels/Frequency	Middle (4182)/ frequency 836.40 Mhz
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Middle TX Frequency (MHz)	836.40
Relative permittivity (real part)	42.70
Relative permittivity (imaginary part)	19.96
Conductivity (S/m)	0.93

C. SAR Surface and Volume



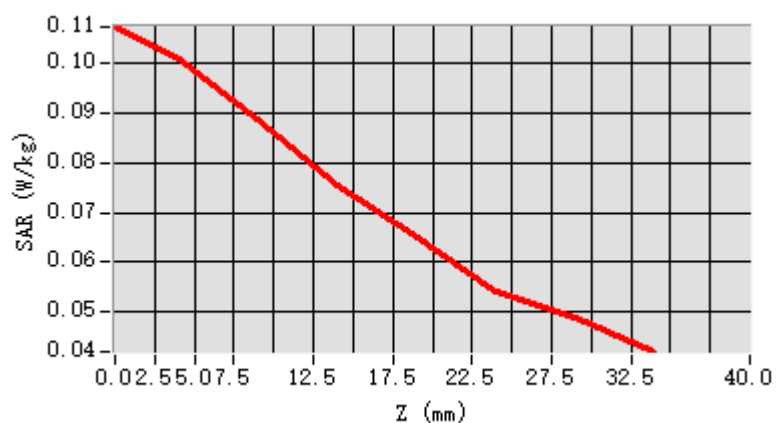
Maximum location: X=-53.00, Y=-49.00 ; SAR Peak: 0.13 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.076
SAR 1g (W/Kg)	0.101
Variation (%)	2.48
Horizontal validation criteria: minimum distance (mm)	0.00
Vertical validation criteria: SAR ratio M2/M1 (%)	0.00

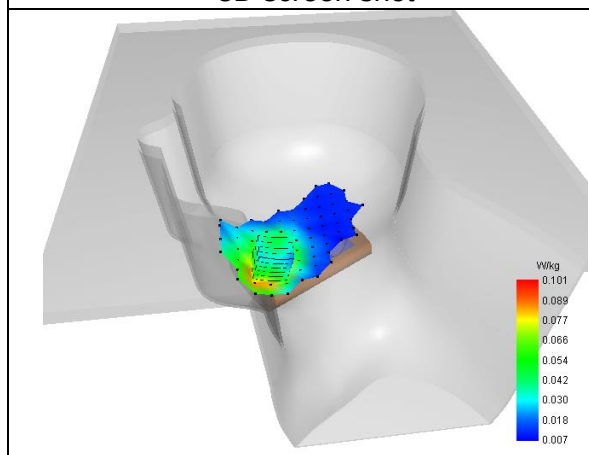
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.107	0.101	0.089	0.076	0.065	0.054	0.049

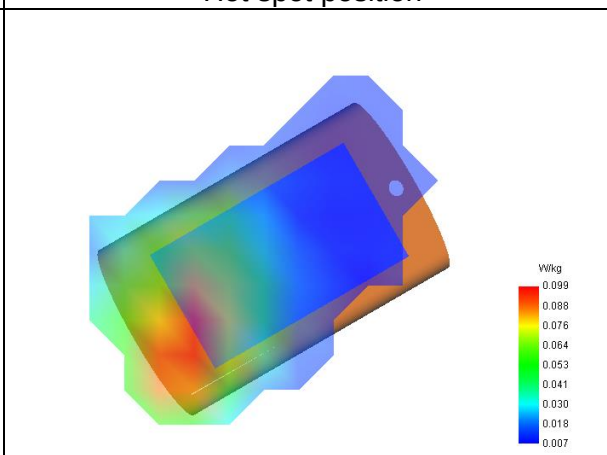


F. 3D Image

3D screen shot



Hot spot position



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

Date of measurement: 8/6/2026

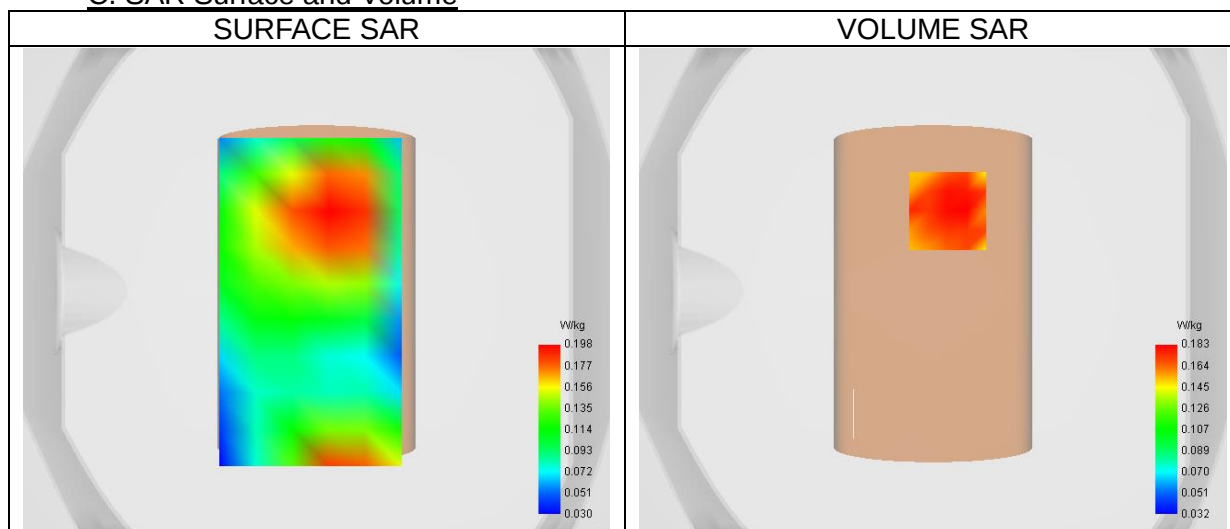
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	2.34
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	Band 5 (850)
Signal	WCDMA
Channels/Frequency	Middle (4182)/ frequency 836.40 Mhz
Mode	Release 99
Connection Type	RMC, 12.2 kbps

B. Permittivity

Middle TX Frequency (MHz)	836.40
Relative permittivity (real part)	42.70
Relative permittivity (imaginary part)	19.96
Conductivity (S/m)	0.93

C. SAR Surface and Volume



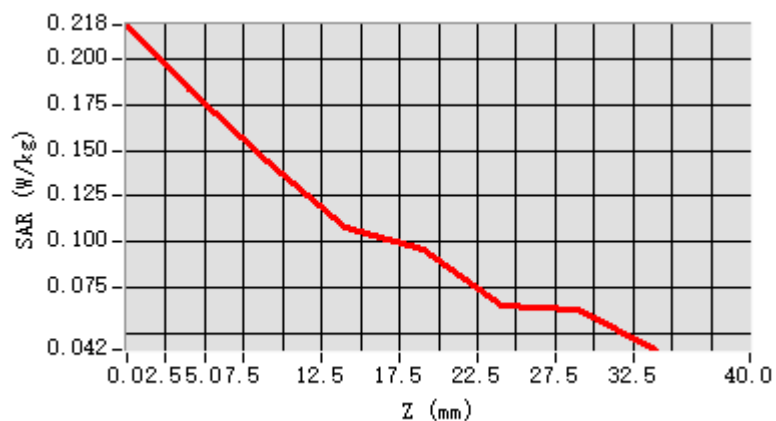
Maximum location: X=6.00, Y=33.00 ; SAR Peak: 0.23 W/kg

D. SAR 1g & 10g

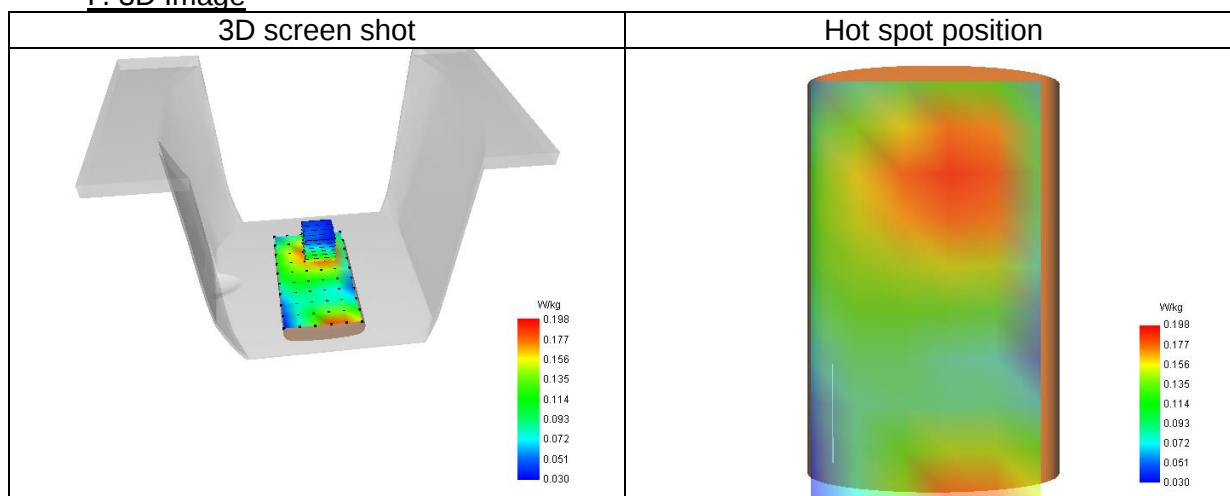
SAR 10g (W/Kg)	0.137
SAR 1g (W/Kg)	0.181
Variation (%)	-0.05
Horizontal validation criteria: minimum distance (mm)	0.00
Vertical validation criteria: SAR ratio M2/M1 (%)	0.00

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.218	0.183	0.144	0.108	0.096	0.066	0.064



F. 3D Image



11# SAR Measurement at U-NII-1 (Cheek, Left)

Date of measurement: 4/6/2026

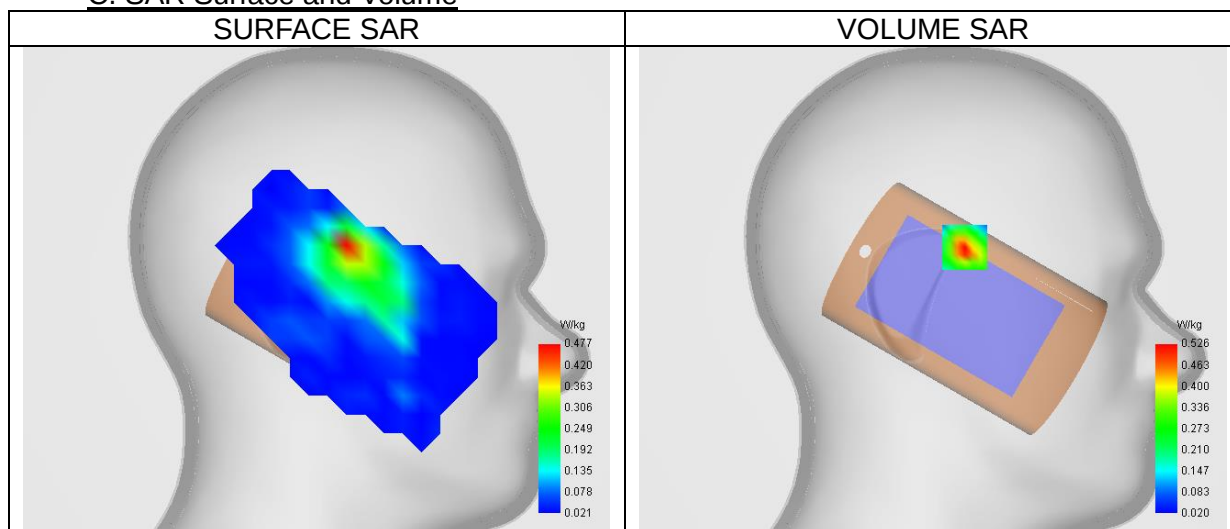
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	1.89
Area Scan	dx=10mm dy=10mm, Complete
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2.0mm,Complete
Phantom	Left head
Device Position	Cheek
Band	U-NII-1
Signal	IEEE 802.11 a
Channels/Frequency	Middle (40)/ frequency 5200.00 Mhz

B. Permittivity

Middle TX Frequency (MHz)	5200.00
Relative permittivity (real part)	37.18
Relative permittivity (imaginary part)	16.05
Conductivity (S/m)	4.64

C. SAR Surface and Volume



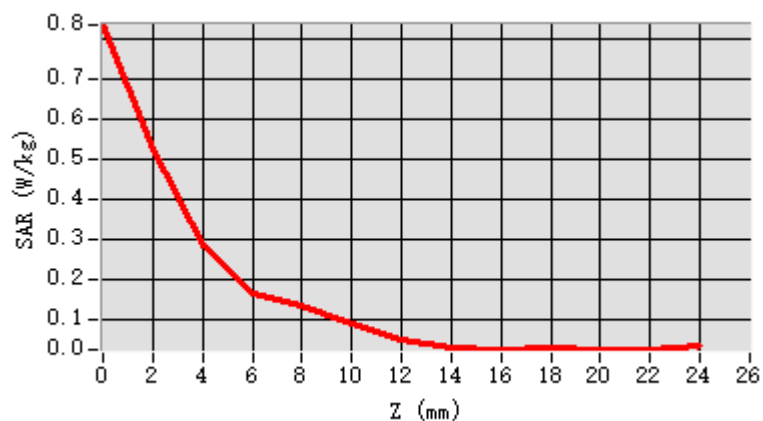
Maximum location: X=-17.00, Y=23.00 ; SAR Peak: 1.49 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.201
SAR 1g (W/Kg)	0.529
Variation (%)	0.74
Horizontal validation criteria: minimum distance (mm)	11.31
Vertical validation criteria: SAR ratio M2/M1 (%)	53.99

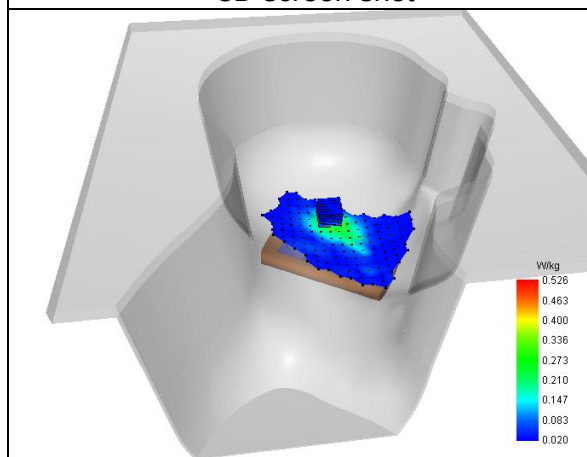
E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.0	12.0	14.0	16.0	18.0	20.0	22.0
SAR (W/Kg)	0.83	0.52	0.28	0.16	0.13	0.08	0.05	0.03	0.02	0.02	0.02	0.02
	6	6	4	3	4	8	1	2	7	8	5	5

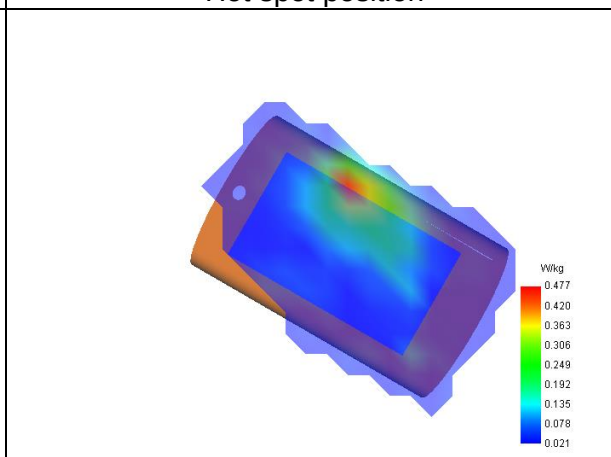


F. 3D Image

3D screen shot



Hot spot position



12# SAR Measurement at U-NII-1 (Body, Validation Plane)

Date of measurement: 4/6/2026

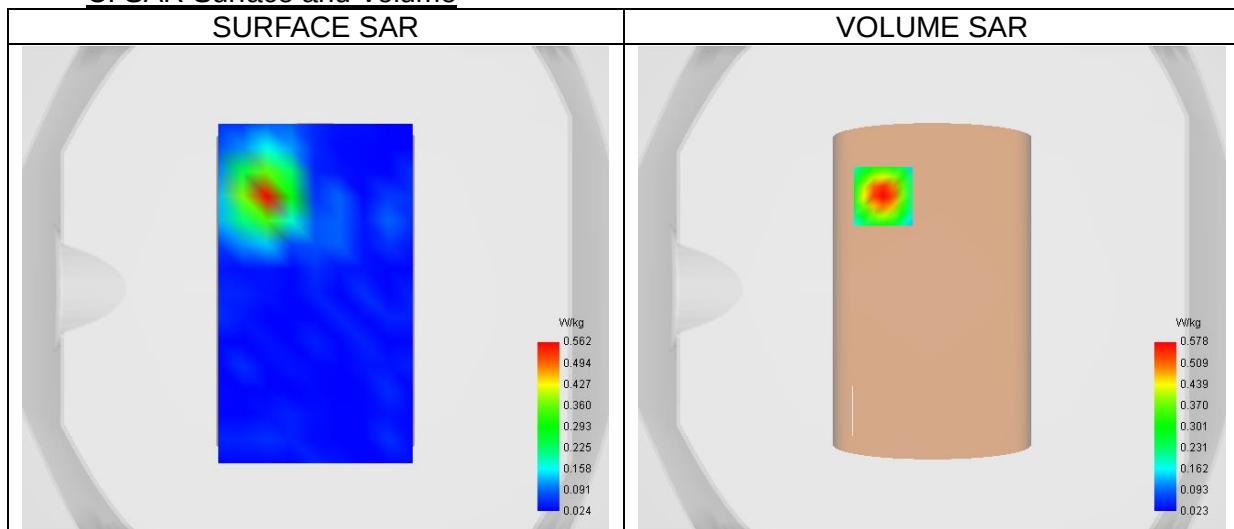
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	1.89
Area Scan	dx=10mm dy=10mm, Complete
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2.0mm,Complete
Phantom	Validation plane
Device Position	Body
Band	U-NII-1
Signal	IEEE 802.11 a
Channels/Frequency	Middle (40)/ frequency 5200.00 Mhz

B. Permittivity

Middle TX Frequency (MHz)	5200.00
Relative permittivity (real part)	37.18
Relative permittivity (imaginary part)	16.05
Conductivity (S/m)	4.64

C. SAR Surface and Volume



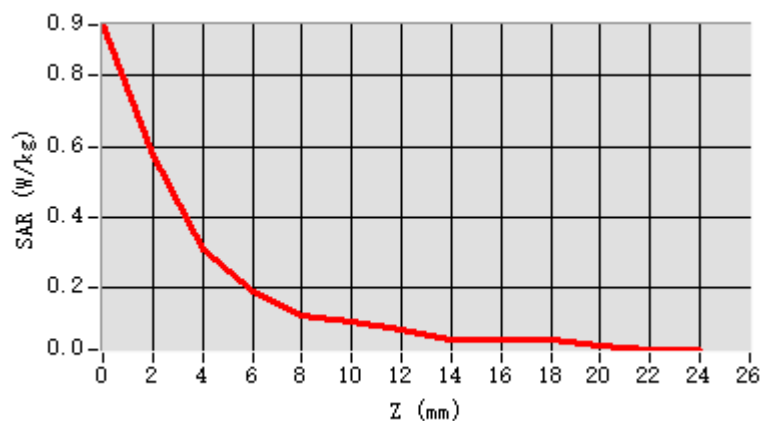
Maximum location: X=-20.00, Y=38.00 ; SAR Peak: 1.04 W/kg

D. SAR 1g & 10g

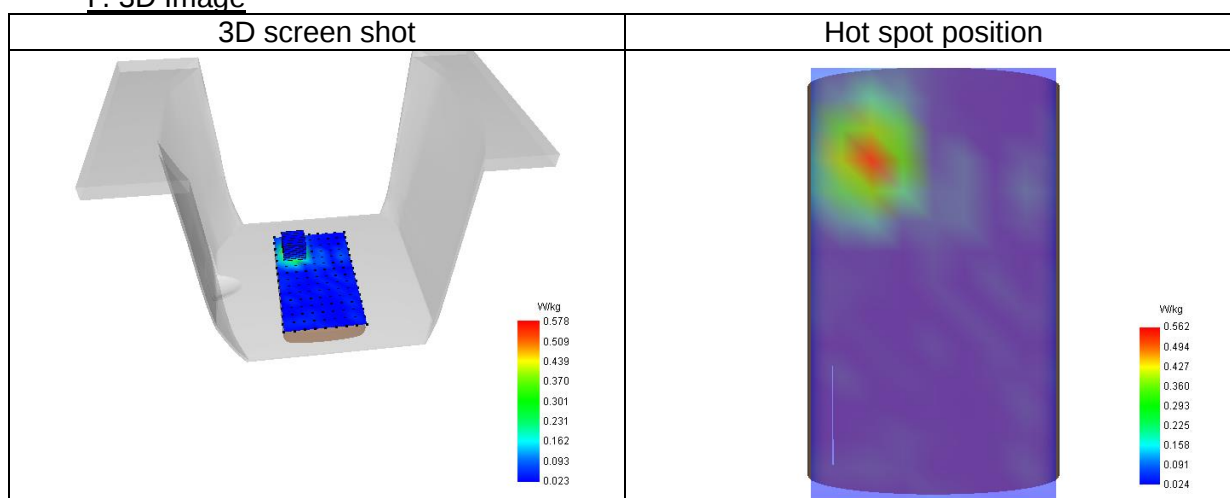
SAR 10g (W/Kg)	0.148
SAR 1g (W/Kg)	0.355
Variation (%)	-3.42
Horizontal validation criteria: minimum distance (mm)	11.31
Vertical validation criteria: SAR ratio M2/M1 (%)	53.89

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.0	12.0	14.0	16.0	18.0	20.0	22.0
SAR (W/Kg)	0.94	0.57	0.31	0.19	0.12	0.10	0.08	0.05	0.05	0.05	0.03	0.02
	5	8	1	1	1	5	0	4	5	4	6	7



F. 3D Image



13# SAR Measurement at U-NII-3 (Cheek, Left)

Date of measurement: 5/6/2026

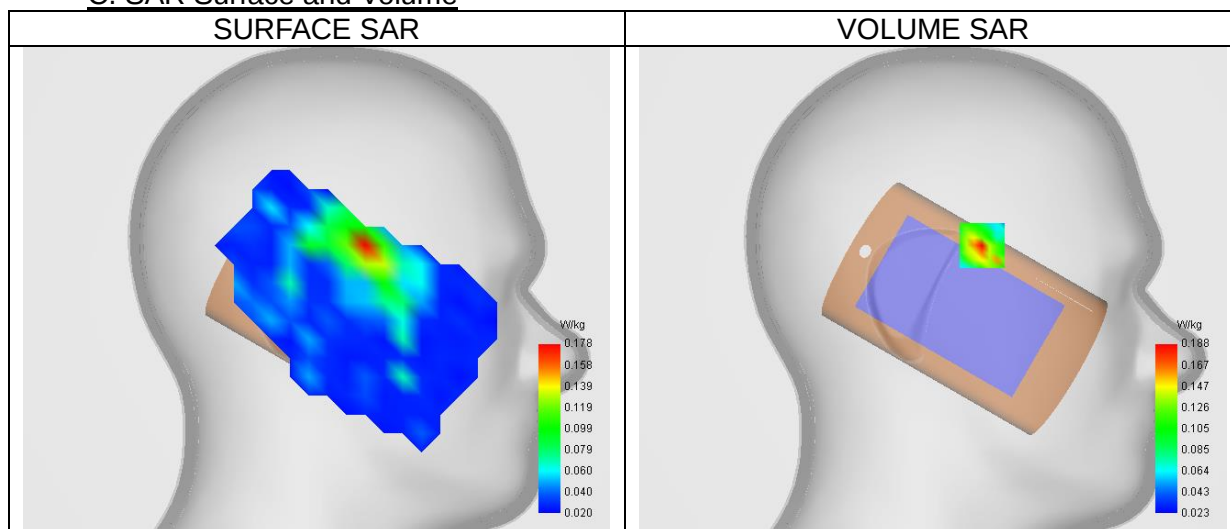
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	1.90
Area Scan	dx=10mm dy=10mm, Complete
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2.0mm,Complete
Phantom	Left head
Device Position	Cheek
Band	U-NII-3
Signal	IEEE 802.11 a
Channels/Frequency	Middle (165)/ frequency 5825.00 Mhz

B. Permittivity

Middle TX Frequency (MHz)	5825.00
Relative permittivity (real part)	36.00
Relative permittivity (imaginary part)	16.14
Conductivity (S/m)	5.22

C. SAR Surface and Volume



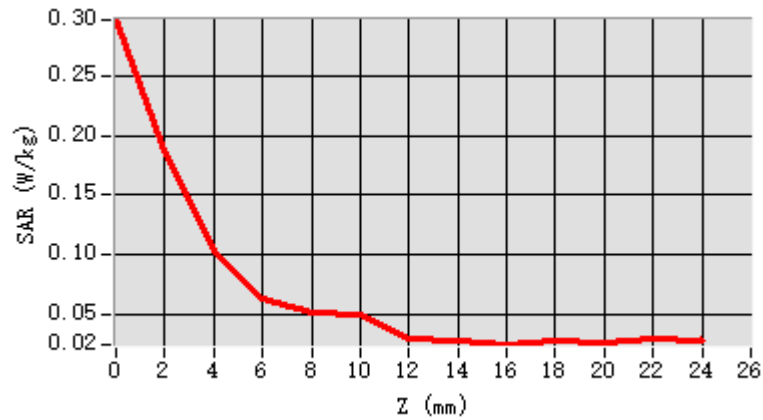
Maximum location: X=-26.00, Y=24.00 ; SAR Peak: 0.55 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.075
SAR 1g (W/Kg)	0.172
Variation (%)	-0.84
Horizontal validation criteria: minimum distance (mm)	8.94
Vertical validation criteria: SAR ratio M2/M1 (%)	58.02

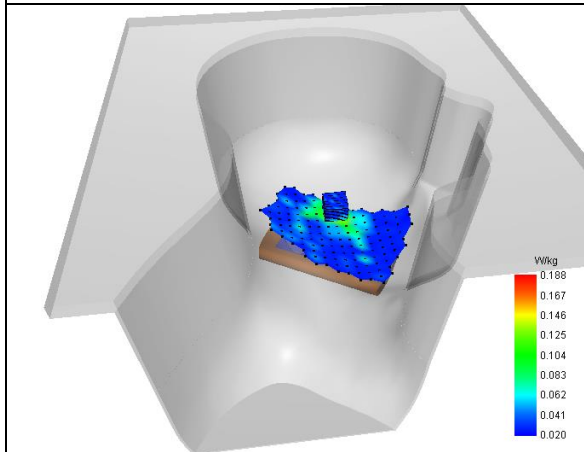
E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.0	12.0	14.0	16.0	18.0	20.0	22.0
SAR (W/Kg)	0.29	0.18	0.10	0.06	0.05	0.04	0.02	0.02	0.02	0.02	0.02	0.02
	7	8	4	2	1	9	9	8	4	7	6	9

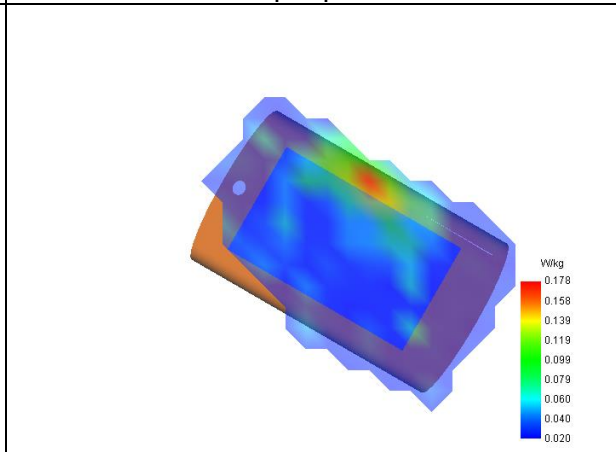


F. 3D Image

3D screen shot



Hot spot position



14# SAR Measurement at U-NII-3 (Body, Validation Plane)

Date of measurement: 5/6/2026

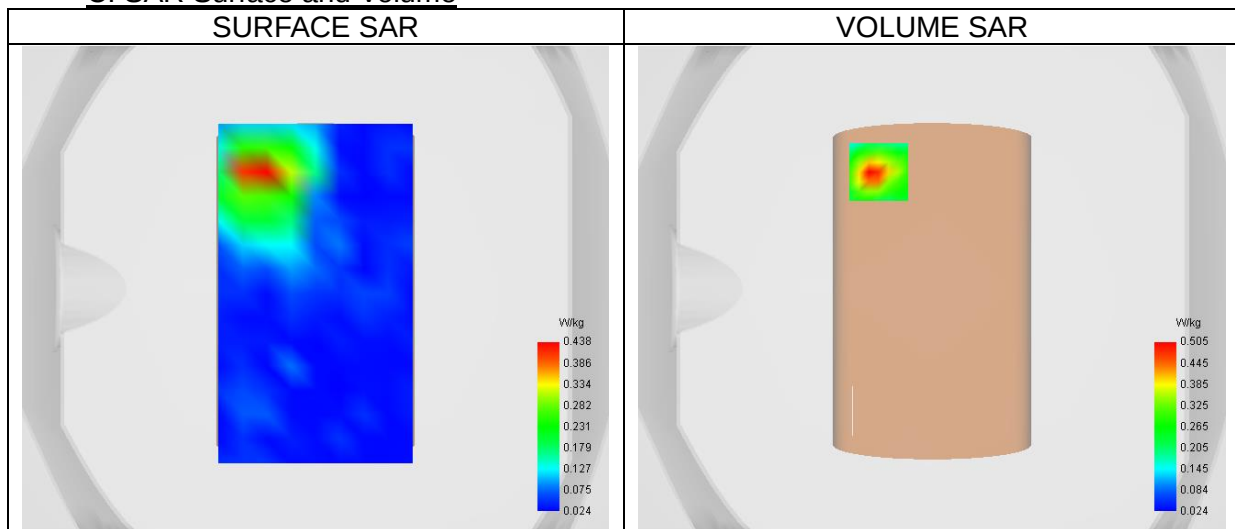
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	1.90
Area Scan	dx=10mm dy=10mm, Complete
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2.0mm,Complete
Phantom	Validation plane
Device Position	Body
Band	U-NII-3
Signal	IEEE 802.11 a
Channels/Frequency	Middle (165)/ frequency 5825.00 Mhz

B. Permittivity

Middle TX Frequency (MHz)	5825.00
Relative permittivity (real part)	36.00
Relative permittivity (imaginary part)	16.14
Conductivity (S/m)	5.22

C. SAR Surface and Volume



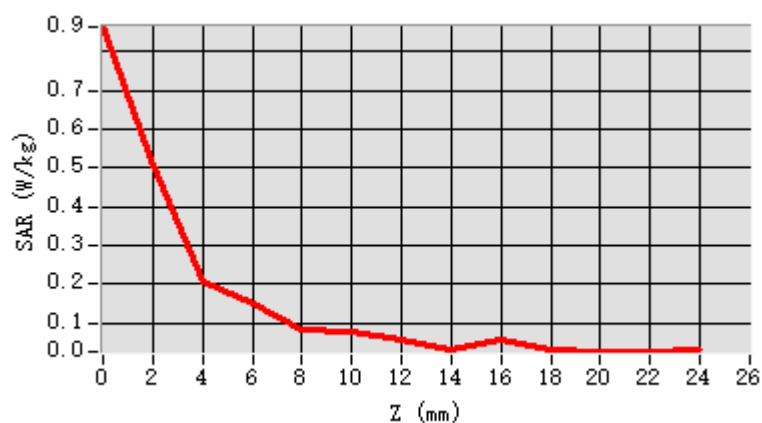
Maximum location: X=-22.00, Y=48.00 ; SAR Peak: 0.94 W/kg

D. SAR 1g & 10g

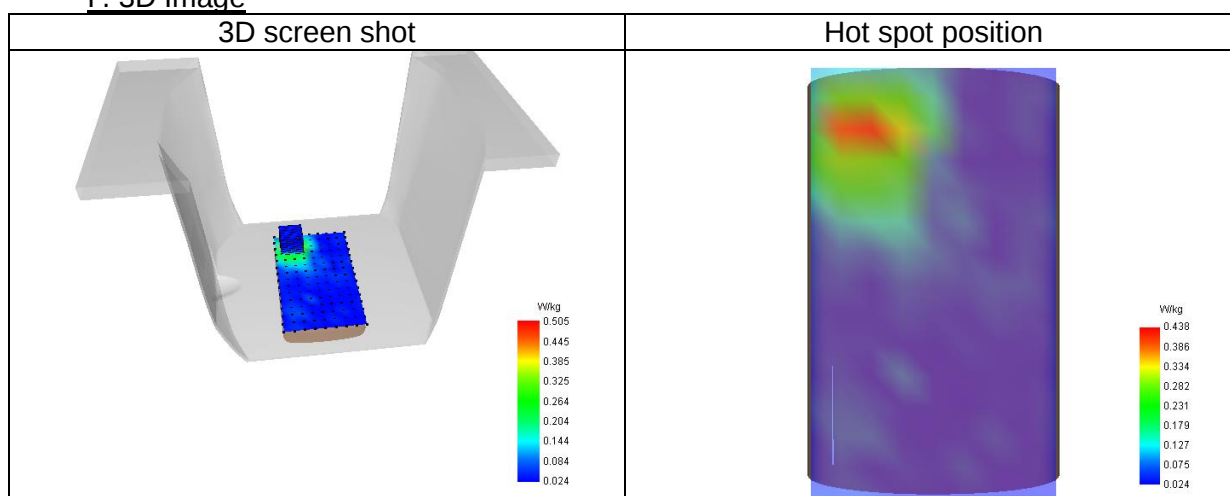
SAR 10g (W/Kg)	0.126
SAR 1g (W/Kg)	0.303
Variation (%)	0.39
Horizontal validation criteria: minimum distance (mm)	11.31
Vertical validation criteria: SAR ratio M2/M1 (%)	53.22

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.0	12.0	14.0	16.0	18.0	20.0	22.0
SAR (W/Kg)	0.86 4	0.50 5	0.20 8	0.14 9	0.08 4	0.08 0	0.05 9	0.03 0	0.05 8	0.03 0	0.02 9	0.02 7



F. 3D Image



15# SAR Measurement at ISM (Cheek, Left)

Date of measurement: 11/6/2026

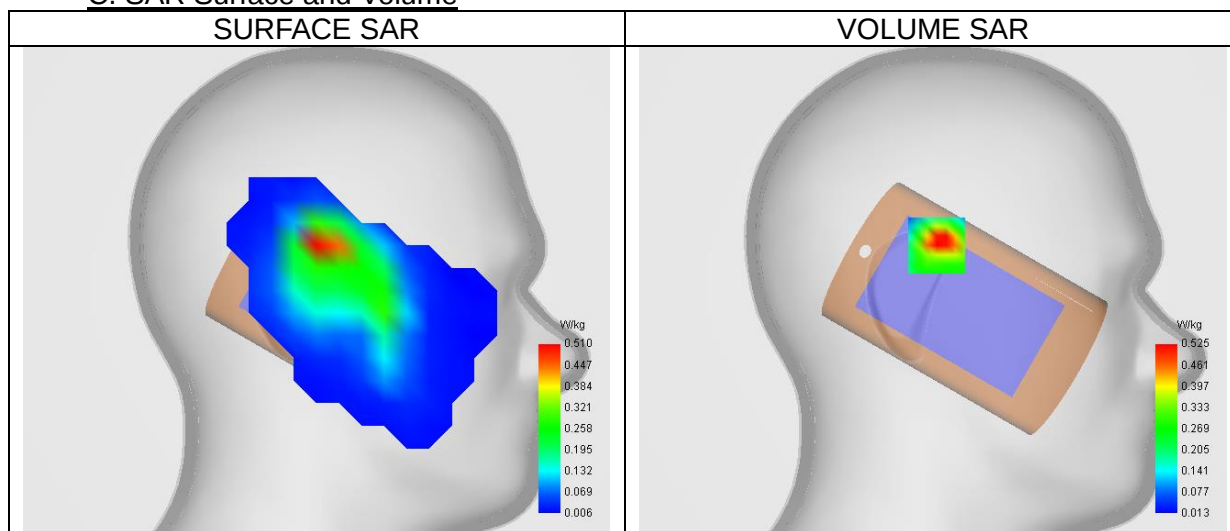
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	2.74
Area Scan	dx=12mm dy=12mm, Complete
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5.0mm,Complete
Phantom	Left head
Device Position	Cheek
Band	ISM
Signal	IEEE 802.11 b
Channels/Frequency	Middle (6)/ frequency 2437.00 Mhz

B. Permittivity

Middle TX Frequency (MHz)	2437.00
Relative permittivity (real part)	41.09
Relative permittivity (imaginary part)	13.30
Conductivity (S/m)	1.80

C. SAR Surface and Volume



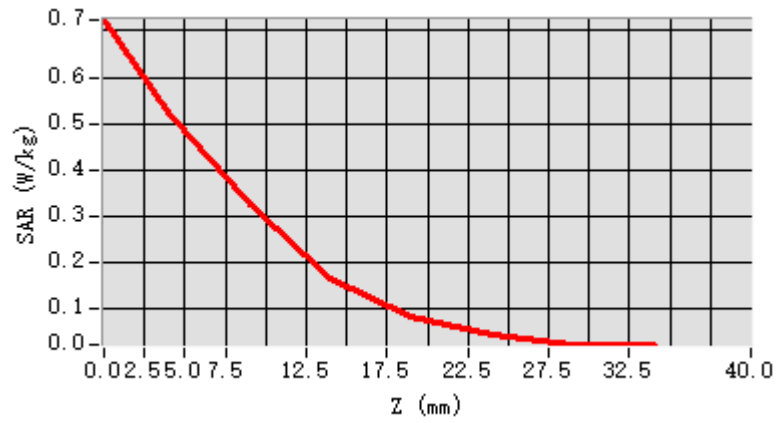
Maximum location: X=-2.00, Y=24.00 ; SAR Peak: 0.76 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.234
SAR 1g (W/Kg)	0.475
Variation (%)	4.23
Horizontal validation criteria: minimum distance (mm)	14.14
Vertical validation criteria: SAR ratio M2/M1 (%)	65.29

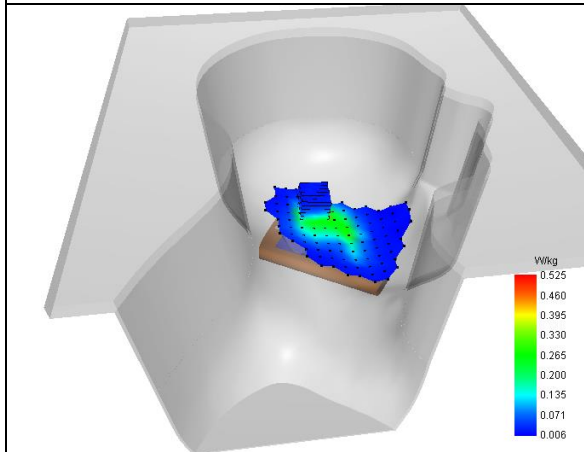
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.724	0.525	0.328	0.167	0.084	0.048	0.024

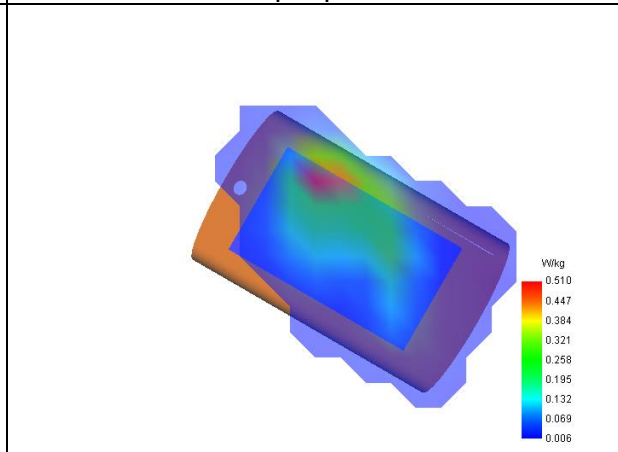


F. 3D Image

3D screen shot



Hot spot position



16# SAR Measurement at ISM (Body, Validation Plane)

Date of measurement: 11/6/2026

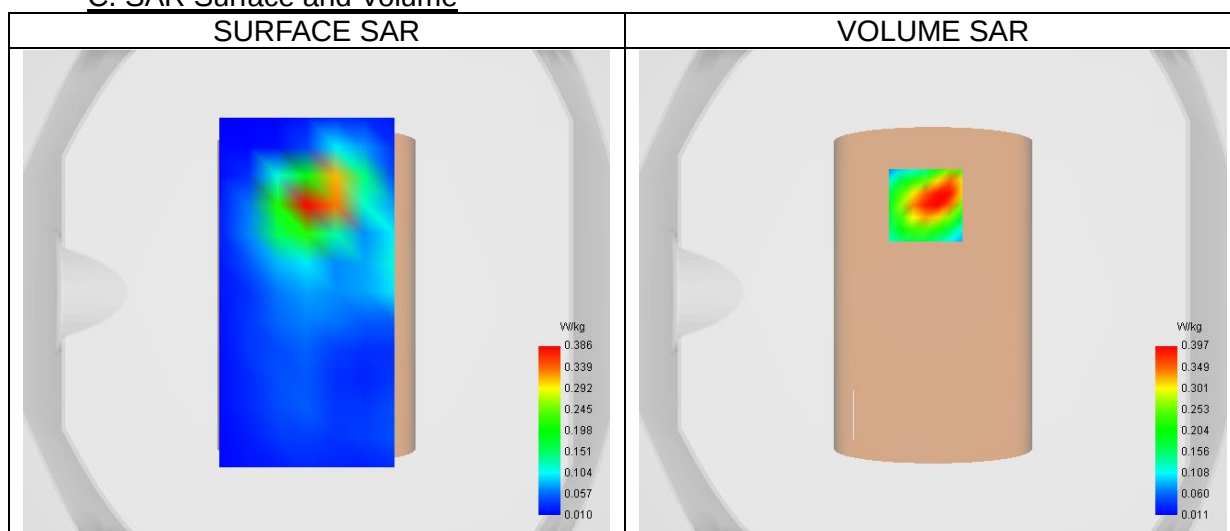
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	2.74
Area Scan	dx=12mm dy=12mm, Complete
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5.0mm,Complete
Phantom	Validation plane
Device Position	Body
Band	ISM
Signal	IEEE 802.11 b
Channels/Frequency	Middle (6)/ frequency 2437.00 Mhz

B. Permittivity

Middle TX Frequency (MHz)	2437.00
Relative permittivity (real part)	41.09
Relative permittivity (imaginary part)	13.30
Conductivity (S/m)	1.80

C. SAR Surface and Volume



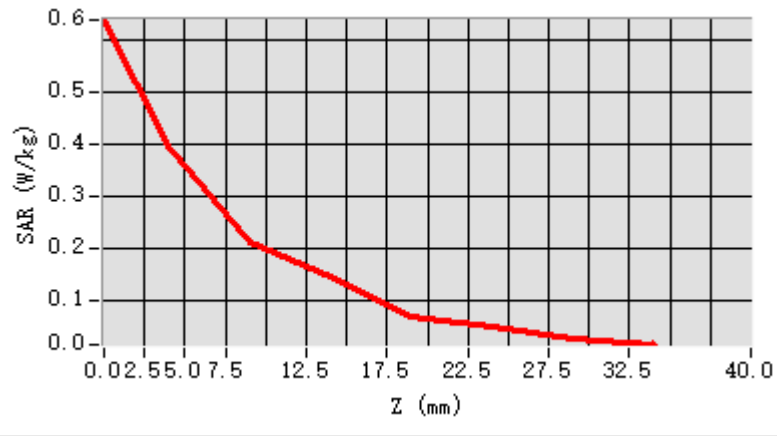
Maximum location: X=-3.00, Y=36.00 ; SAR Peak: 0.56 W/kg

D. SAR 1g & 10g

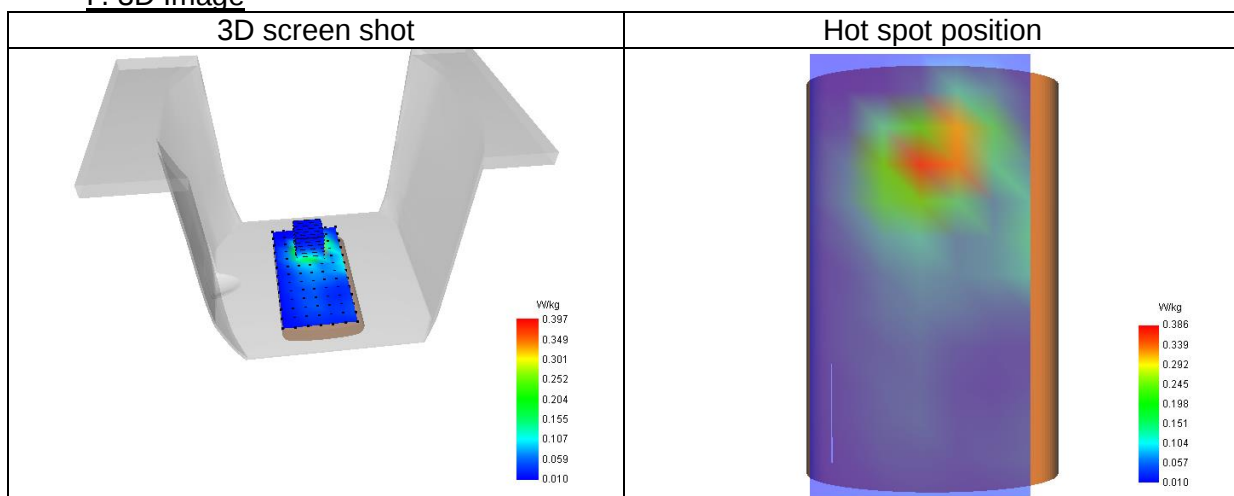
SAR 10g (W/Kg)	0.179
SAR 1g (W/Kg)	0.363
Variation (%)	0.00
Horizontal validation criteria: minimum distance (mm)	11.18
Vertical validation criteria: SAR ratio M2/M1 (%)	64.06

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.638	0.397	0.211	0.148	0.072	0.050	0.027



F. 3D Image



17# SAR Measurement at LTE band 2 (Cheek, Left)

Date of measurement: 10/6/2026

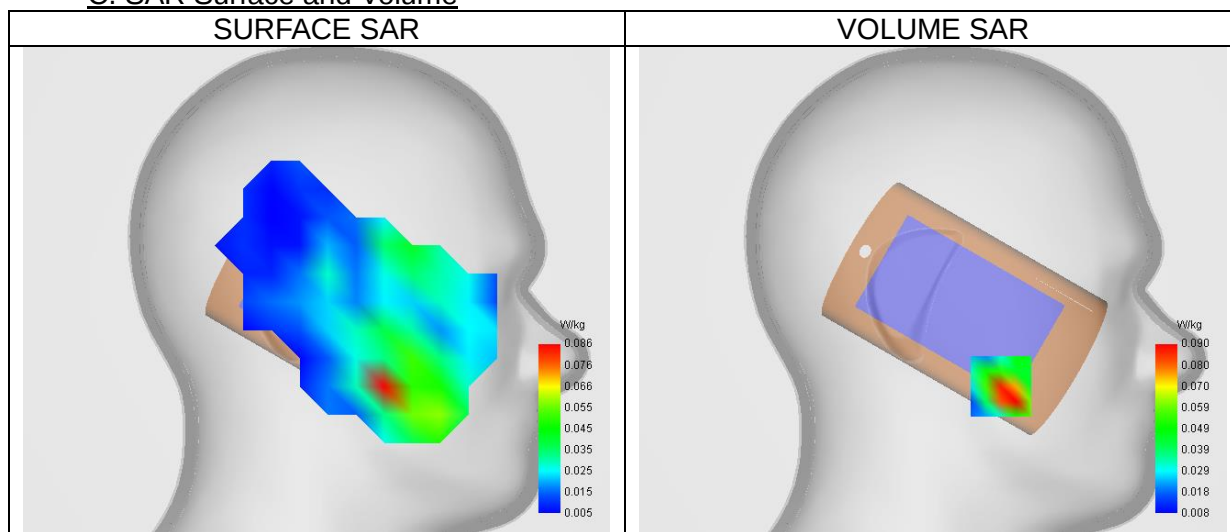
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	2.57
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Left head
Device Position	Cheek
Band	LTE band 2
Signal	LTE FDD
Channel Center [EARFCN] / Channel Center [MHz]	Middle (18900)/ frequency 1880.00 Mhz
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
Middle TX Frequency (MHz)	1880.00

B. Permittivity

Middle TX Frequency (MHz)	1880.00
Relative permittivity (real part)	39.14
Relative permittivity (imaginary part)	13.72
Conductivity (S/m)	1.43

C. SAR Surface and Volume



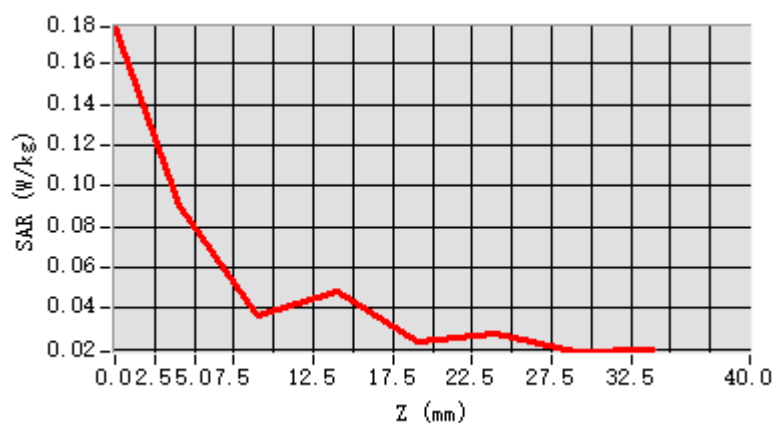
Maximum location: X=-36.00, Y=-51.00 ; SAR Peak: 0.13 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.053
SAR 1g (W/Kg)	0.089
Variation (%)	-2.00
Horizontal validation criteria: minimum distance (mm)	11.31
Vertical validation criteria: SAR ratio M2/M1 (%)	84.89

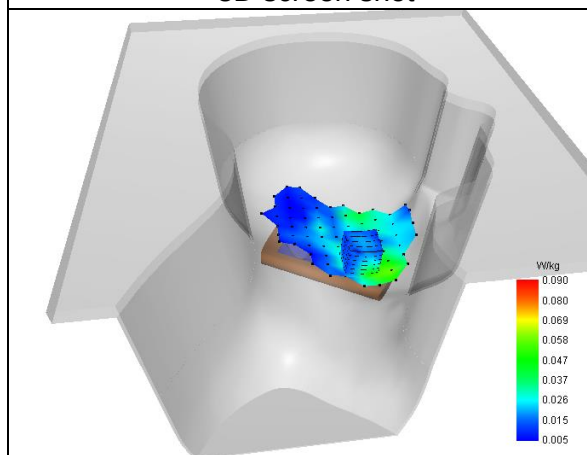
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.178	0.090	0.036	0.048	0.024	0.027	0.019

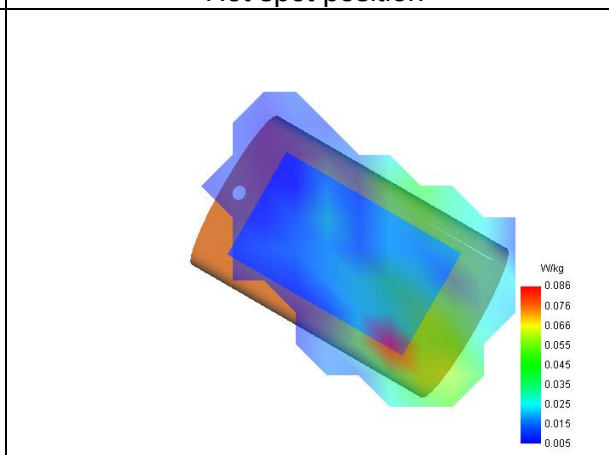


F. 3D Image

3D screen shot



Hot spot position



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

Date of measurement: 10/6/2026

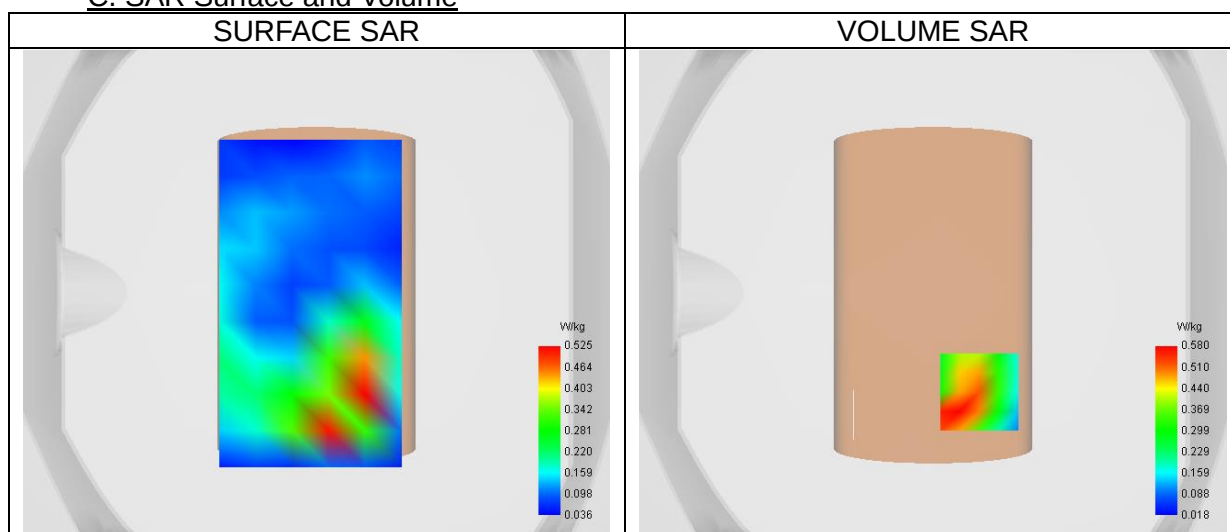
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	2.57
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 2
Signal	LTE FDD
Channel Center [EARFCN] / Channel Center [MHz]	Middle (18900)/ frequency 1880.00 Mhz
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
Middle TX Frequency (MHz)	1880.00

B. Permittivity

Middle TX Frequency (MHz)	1880.00
Relative permittivity (real part)	39.14
Relative permittivity (imaginary part)	13.72
Conductivity (S/m)	1.43

C. SAR Surface and Volume



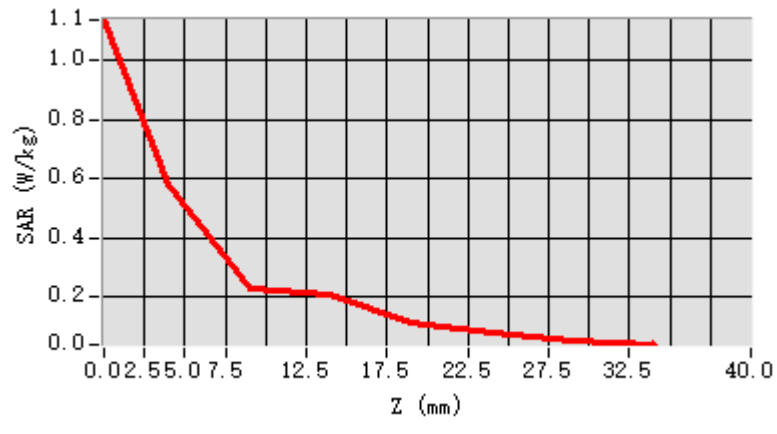
Maximum location: X=19.00, Y=-41.00 ; SAR Peak: 0.87 W/kg

D. SAR 1g & 10g

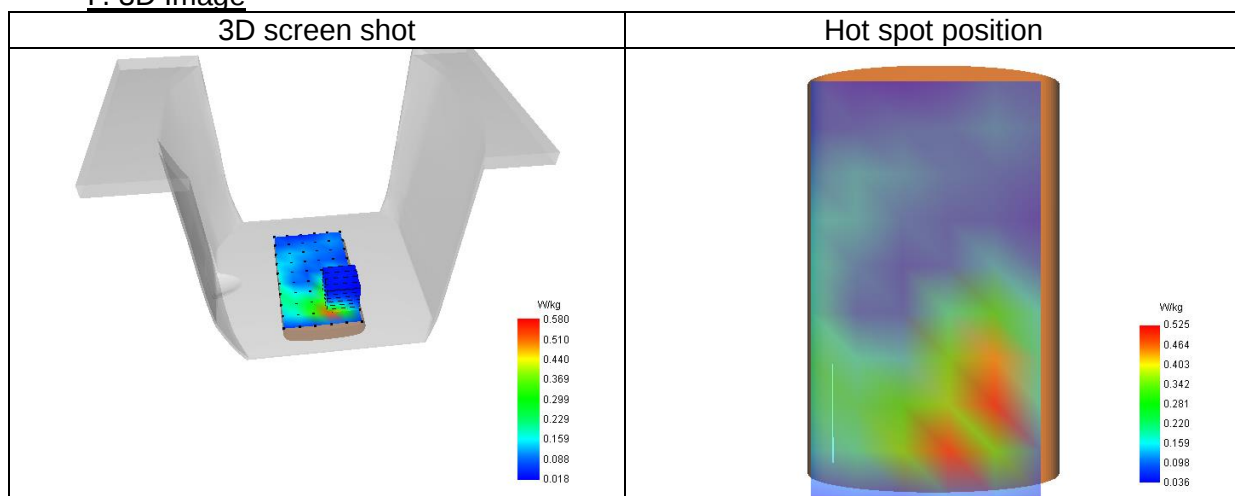
SAR 10g (W/Kg)	0.270
SAR 1g (W/Kg)	0.542
Variation (%)	3.09
Horizontal validation criteria: minimum distance (mm)	17.89
Vertical validation criteria: SAR ratio M2/M1 (%)	59.15

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.139	0.580	0.228	0.209	0.111	0.078	0.048



F. 3D Image



19# SAR Measurement at LTE band 4 (Cheek, Left)

Date of measurement: 9/6/2026

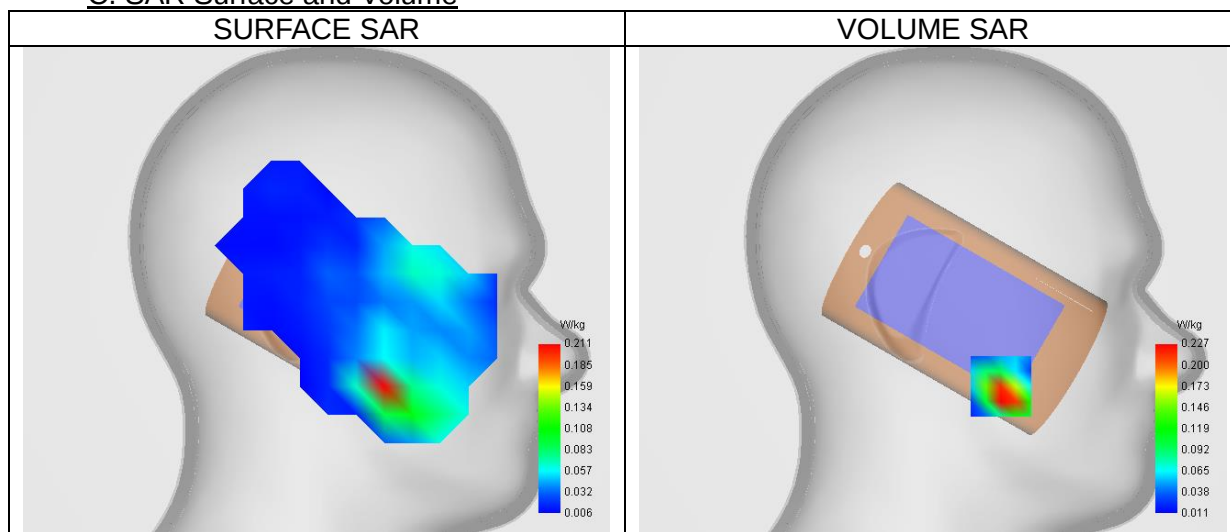
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	2.51
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Left head
Device Position	Cheek
Band	LTE band 4
Signal	LTE FDD
Channel Center [EARFCN] / Channel Center [MHz]	Middle (20175)/ frequency 1732.50 Mhz
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
Middle TX Frequency (MHz)	1732.50

B. Permittivity

Middle TX Frequency (MHz)	1732.50
Relative permittivity (real part)	40.78
Relative permittivity (imaginary part)	13.89
Conductivity (S/m)	1.34

C. SAR Surface and Volume



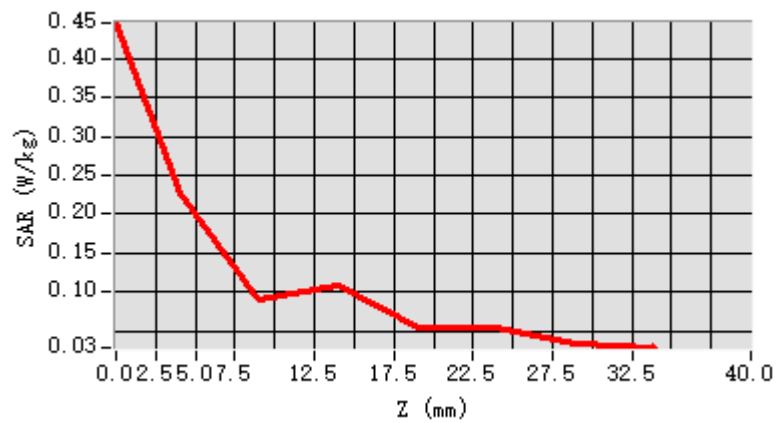
Maximum location: X=-36.00, Y=-51.00 ; SAR Peak: 0.36 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.115
SAR 1g (W/Kg)	0.224
Variation (%)	2.06
Horizontal validation criteria: minimum distance (mm)	8.00
Vertical validation criteria: SAR ratio M2/M1 (%)	70.44

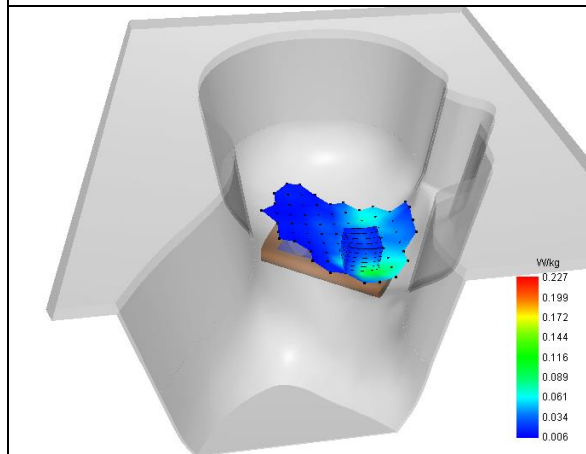
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.446	0.227	0.091	0.108	0.055	0.054	0.032

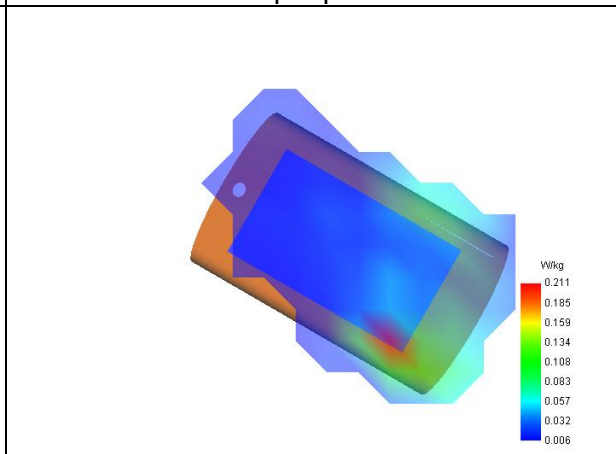


F. 3D Image

3D screen shot



Hot spot position



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

Date of measurement: 9/6/2026

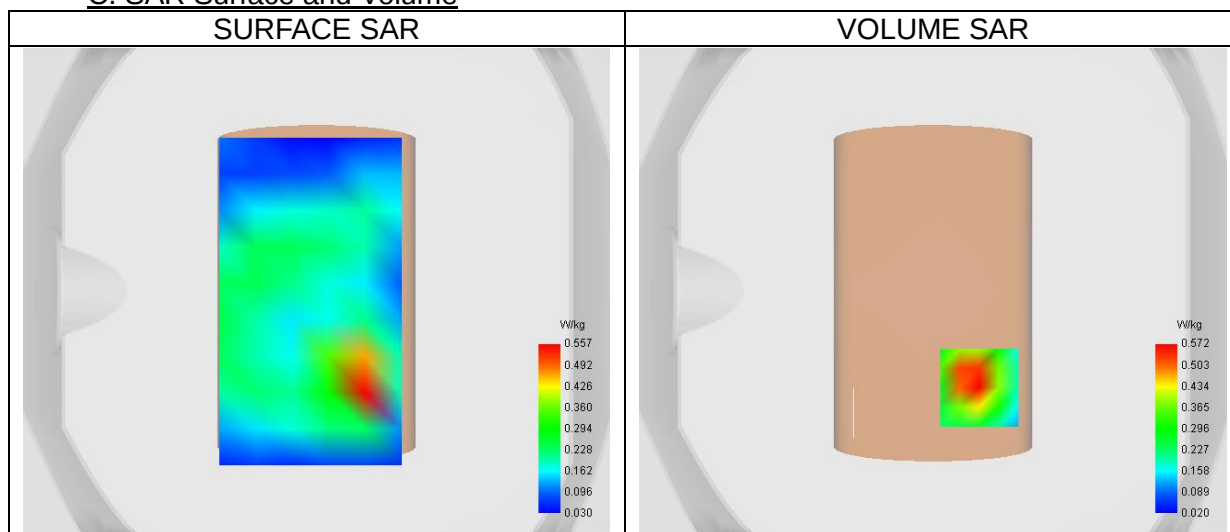
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	2.51
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 4
Signal	LTE FDD
Channel Center [EARFCN] / Channel Center [MHz]	Middle (20175)/ frequency 1732.50 Mhz
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
Middle TX Frequency (MHz)	1732.50

B. Permittivity

Middle TX Frequency (MHz)	1732.50
Relative permittivity (real part)	40.78
Relative permittivity (imaginary part)	13.89
Conductivity (S/m)	1.34

C. SAR Surface and Volume



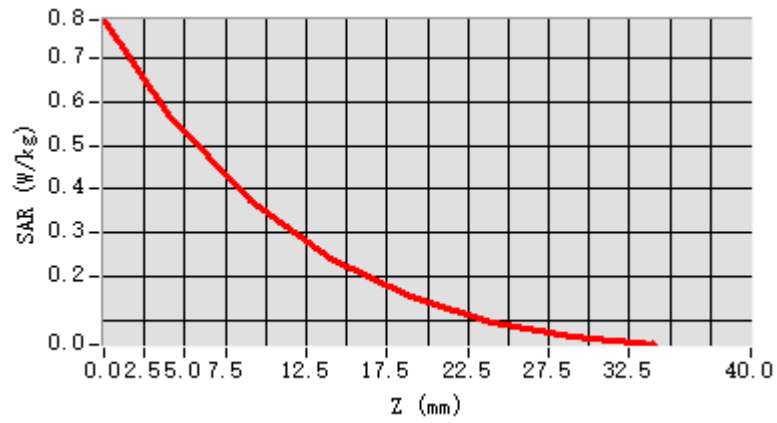
Maximum location: X=19.00, Y=-40.00 ; SAR Peak: 0.85 W/kg

D. SAR 1g & 10g

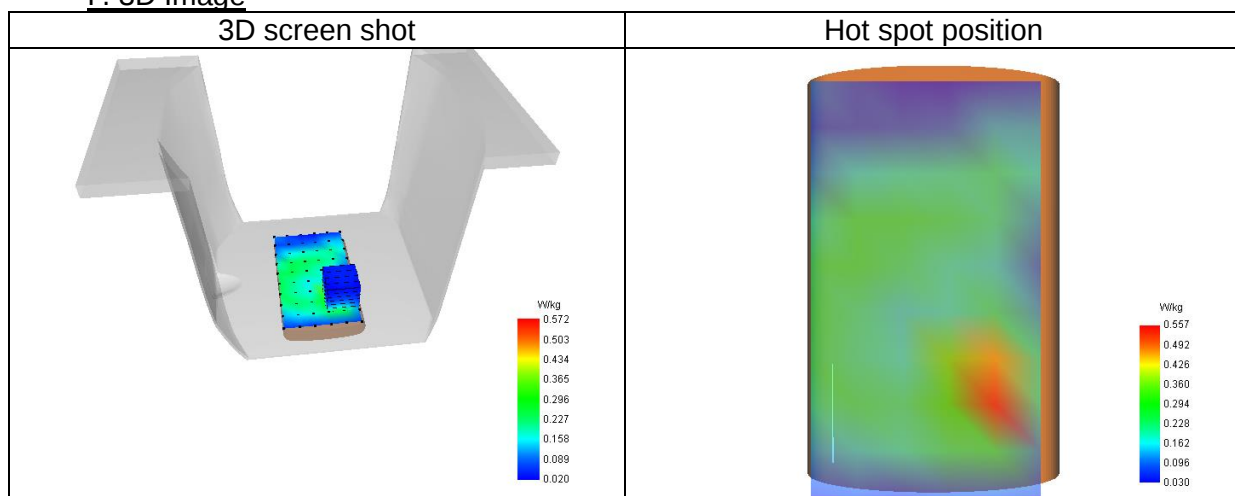
SAR 10g (W/Kg)	0.309
SAR 1g (W/Kg)	0.552
Variation (%)	0.43
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	65.85

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.787	0.572	0.376	0.241	0.154	0.097	0.062



F. 3D Image



21# SAR Measurement at LTE band 5 (Cheek, Left)

Date of measurement: 8/6/2026

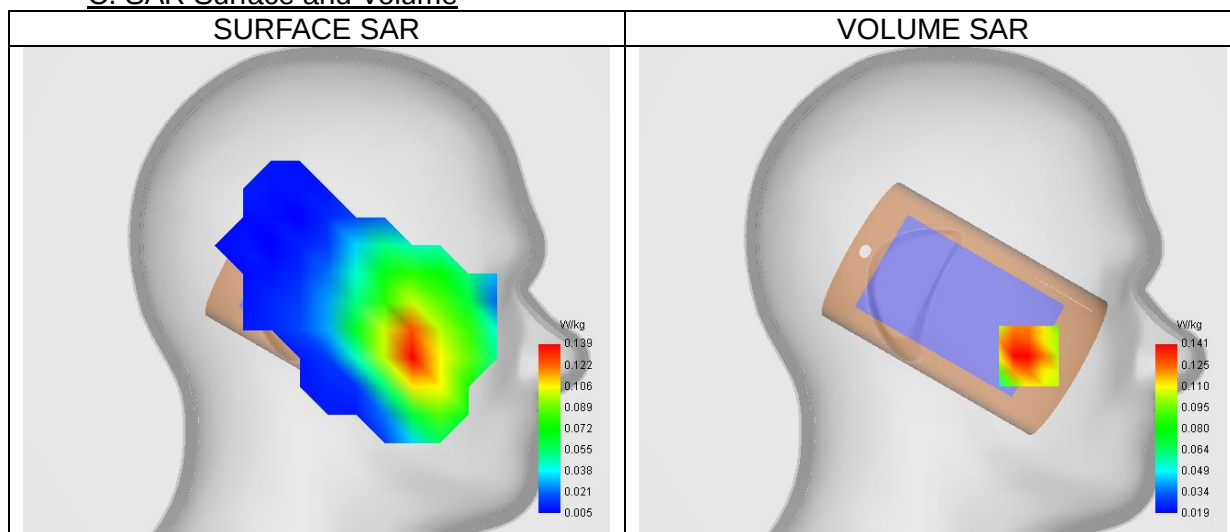
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	2.34
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Left head
Device Position	Cheek
Band	LTE band 5
Signal	LTE FDD
Channel Center [EARFCN] / Channel Center [MHz]	Middle (20525)/ frequency 836.50 Mhz
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
Middle TX Frequency (MHz)	836.50

B. Permittivity

Middle TX Frequency (MHz)	836.50
Relative permittivity (real part)	42.71
Relative permittivity (imaginary part)	19.96
Conductivity (S/m)	0.93

C. SAR Surface and Volume



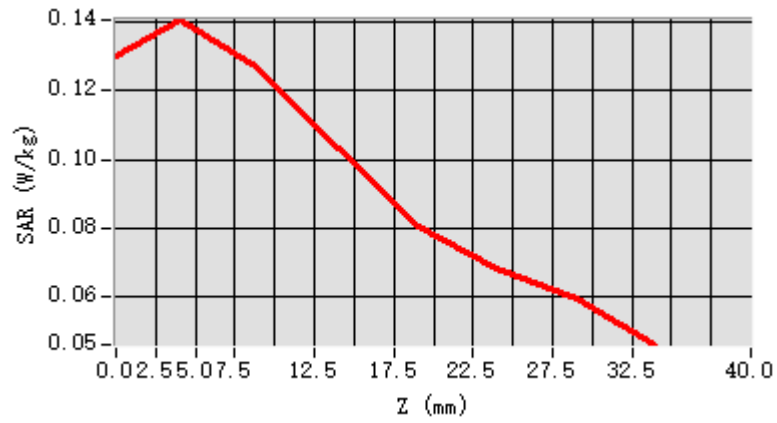
Maximum location: X=-51.00, Y=-35.00 ; SAR Peak: 0.15 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.104
SAR 1g (W/Kg)	0.135
Variation (%)	1.99
Horizontal validation criteria: minimum distance (mm)	22.63
Vertical validation criteria: SAR ratio M2/M1 (%)	89.91

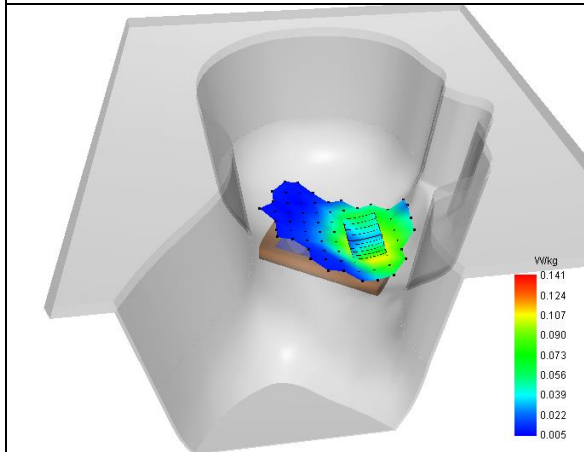
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.130	0.141	0.126	0.103	0.081	0.068	0.060

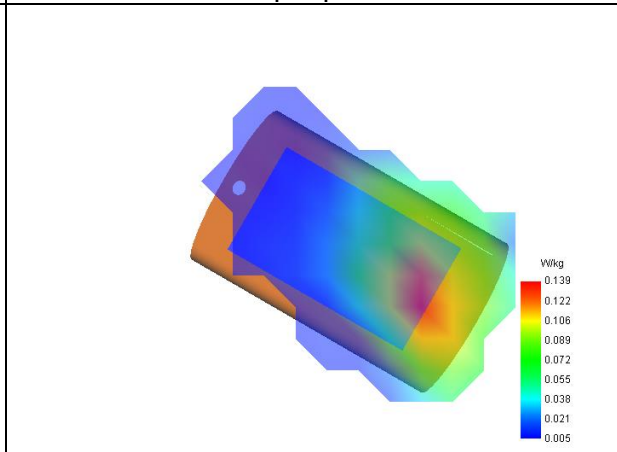


F. 3D Image

3D screen shot



Hot spot position



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

Date of measurement: 8/6/2026

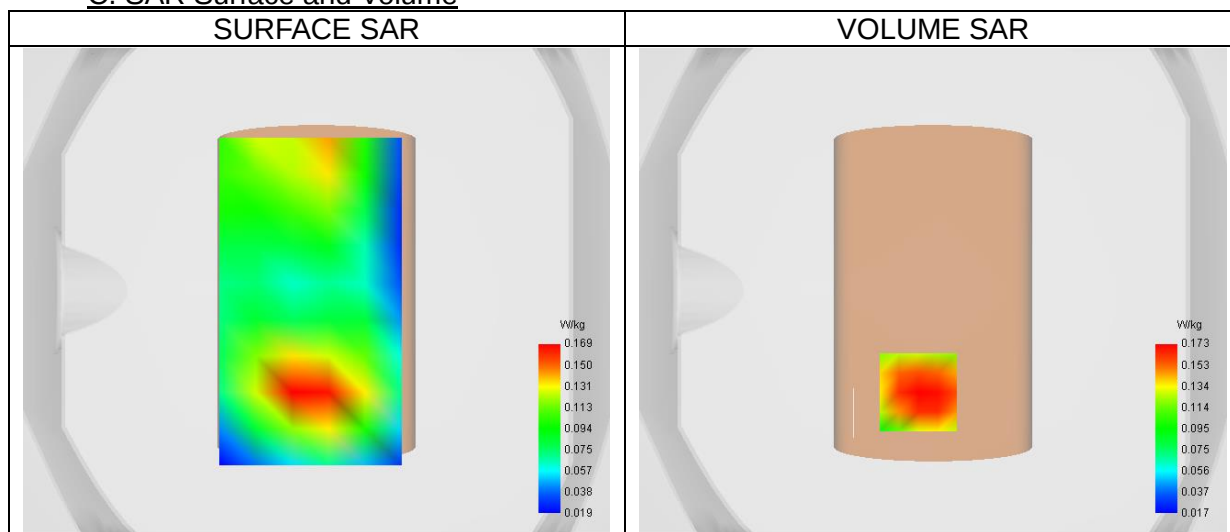
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	2.34
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 5
Signal	LTE FDD
Channel Center [EARFCN] / Channel Center [MHz]	Middle (20525)/ frequency 836.50 Mhz
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
Middle TX Frequency (MHz)	836.50

B. Permittivity

Middle TX Frequency (MHz)	836.50
Relative permittivity (real part)	42.71
Relative permittivity (imaginary part)	19.96
Conductivity (S/m)	0.93

C. SAR Surface and Volume



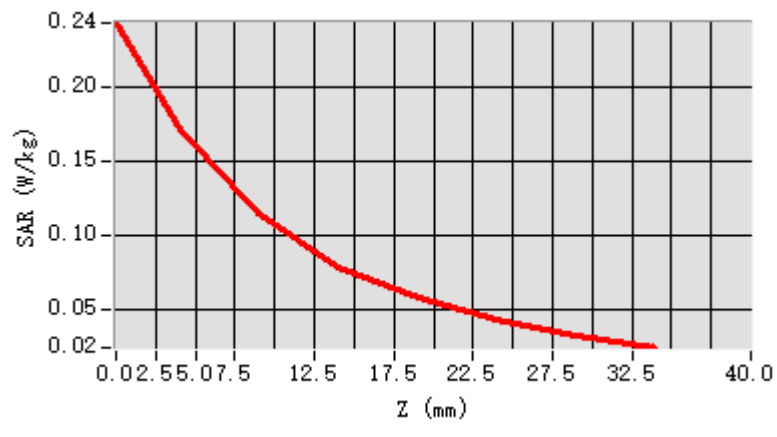
Maximum location: X=-6.00, Y=-42.00 ; SAR Peak: 0.25 W/kg

D. SAR 1g & 10g

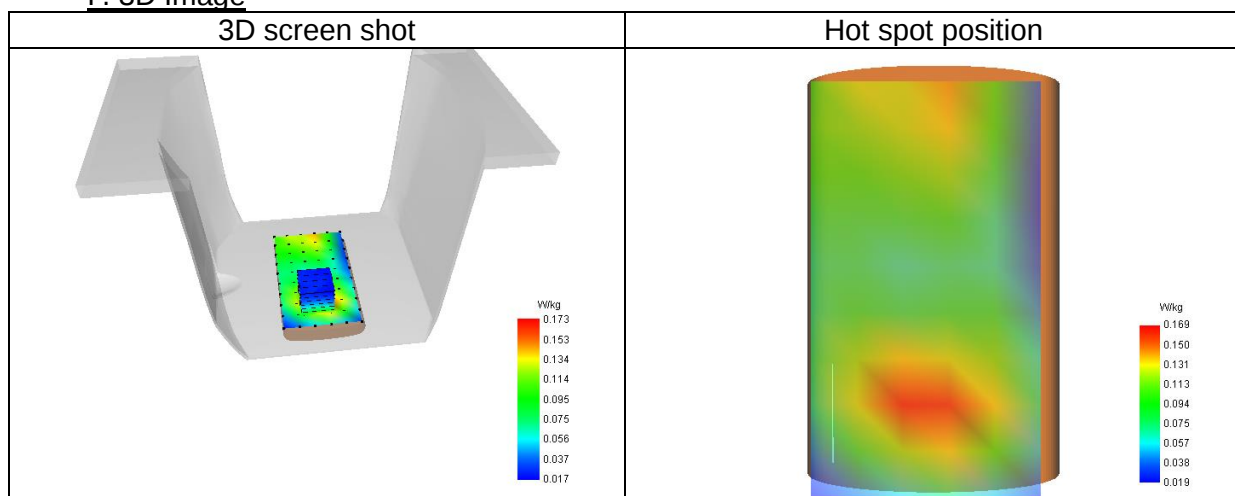
SAR 10g (W/Kg)	0.111
SAR 1g (W/Kg)	0.171
Variation (%)	-1.50
Horizontal validation criteria: minimum distance (mm)	0.00
Vertical validation criteria: SAR ratio M2/M1 (%)	0.00

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.244	0.173	0.115	0.079	0.058	0.043	0.032



F. 3D Image



23# SAR Measurement at LTE band 7 (Cheek, Left)

Date of measurement: 3/6/2026

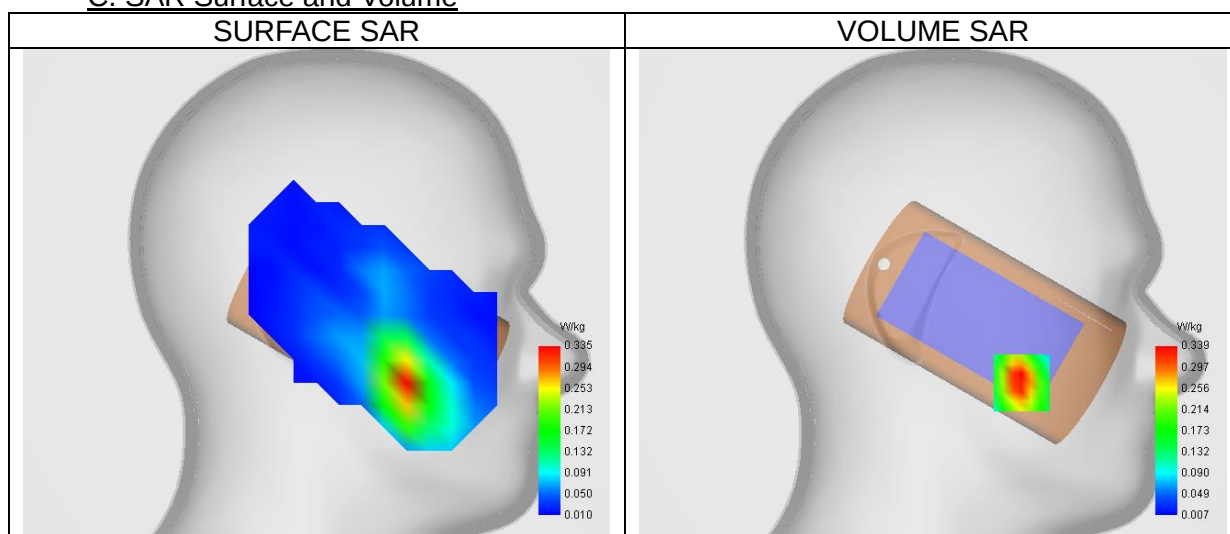
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	2.51
Area Scan	dx=12mm dy=12mm, Complete
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5.0mm,Complete
Phantom	Left head
Device Position	Cheek
Band	LTE band 7
Signal	LTE FDD
Channel Center [EARFCN] / Channel Center [MHz]	Middle (21100)/ frequency 2535.00 Mhz
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
Middle TX Frequency (MHz)	2535.00

B. Permittivity

Middle TX Frequency (MHz)	2535.00
Relative permittivity (real part)	40.19
Relative permittivity (imaginary part)	13.06
Conductivity (S/m)	1.84

C. SAR Surface and Volume



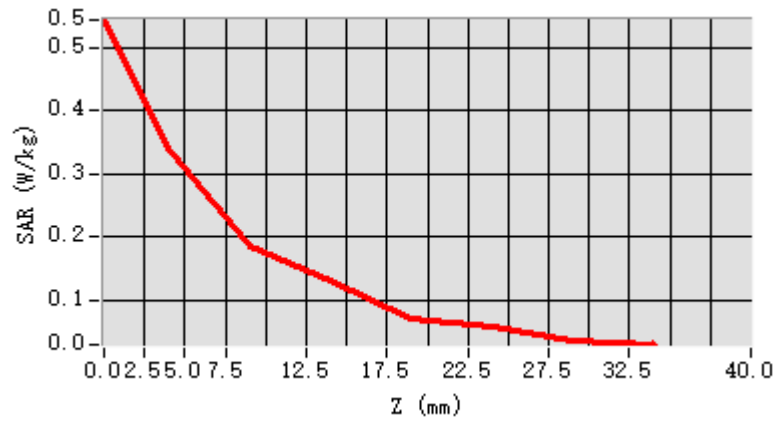
Maximum location: X=-47.00, Y=-48.00 ; SAR Peak: 0.52 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.165
SAR 1g (W/Kg)	0.308
Variation (%)	3.31
Horizontal validation criteria: minimum distance (mm)	11.18
Vertical validation criteria: SAR ratio M2/M1 (%)	61.74

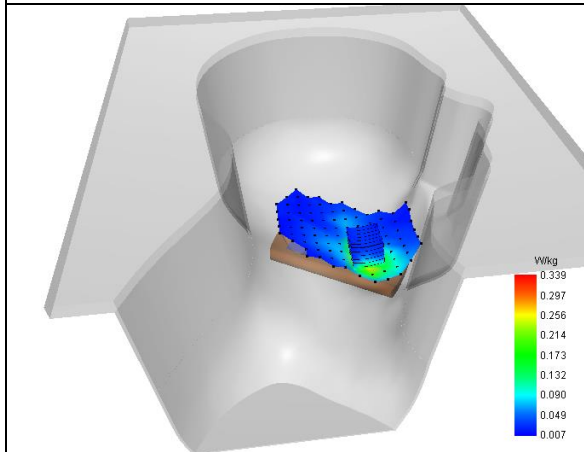
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.543	0.339	0.184	0.130	0.071	0.058	0.037

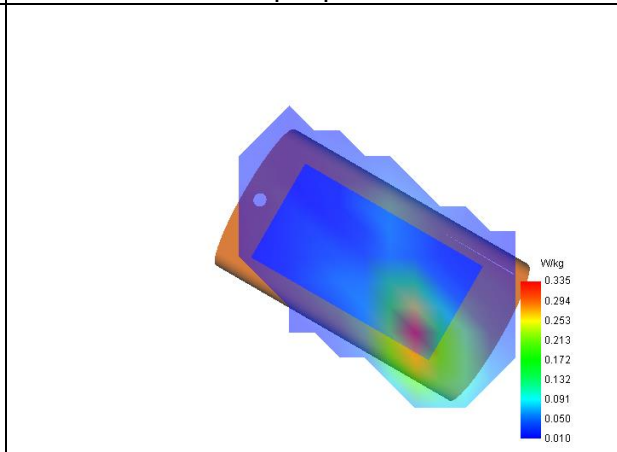


F. 3D Image

3D screen shot



Hot spot position



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

Date of measurement: 3/6/2026

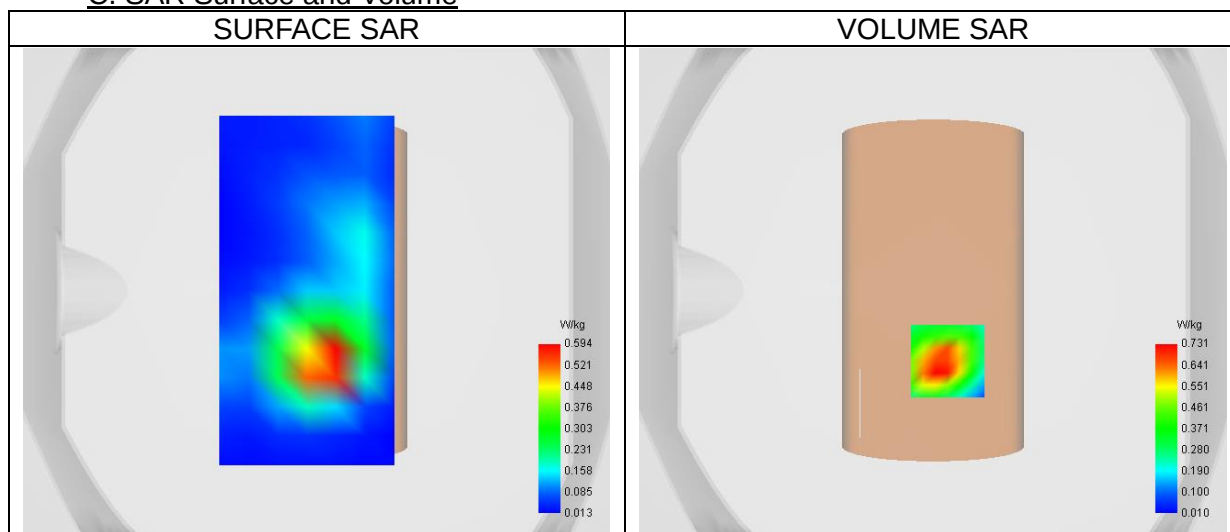
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	2.51
Area Scan	dx=12mm dy=12mm, Complete
Zoom Scan	7x7x7, dx=5mm dy=5mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 7
Signal	LTE FDD
Channel Center [EARFCN] / Channel Center [MHz]	Middle (21100)/ frequency 2535.00 Mhz
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
Middle TX Frequency (MHz)	2535.00

B. Permittivity

Middle TX Frequency (MHz)	2535.00
Relative permittivity (real part)	40.19
Relative permittivity (imaginary part)	13.06
Conductivity (S/m)	1.84

C. SAR Surface and Volume



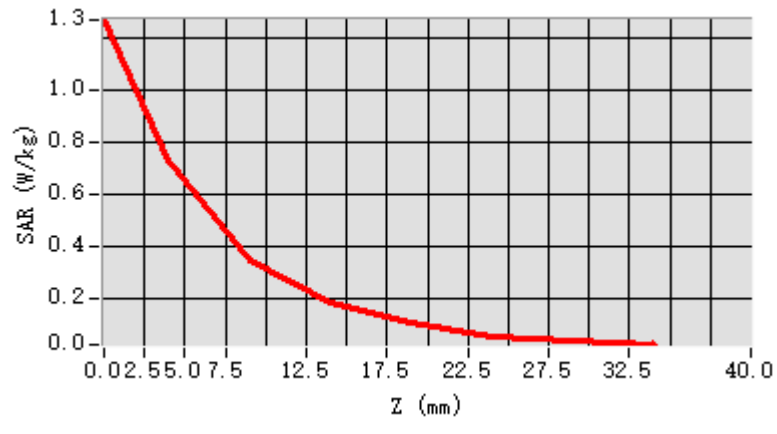
Maximum location: X=6.00, Y=-29.00 ; SAR Peak: 1.22 W/kg

D. SAR 1g & 10g

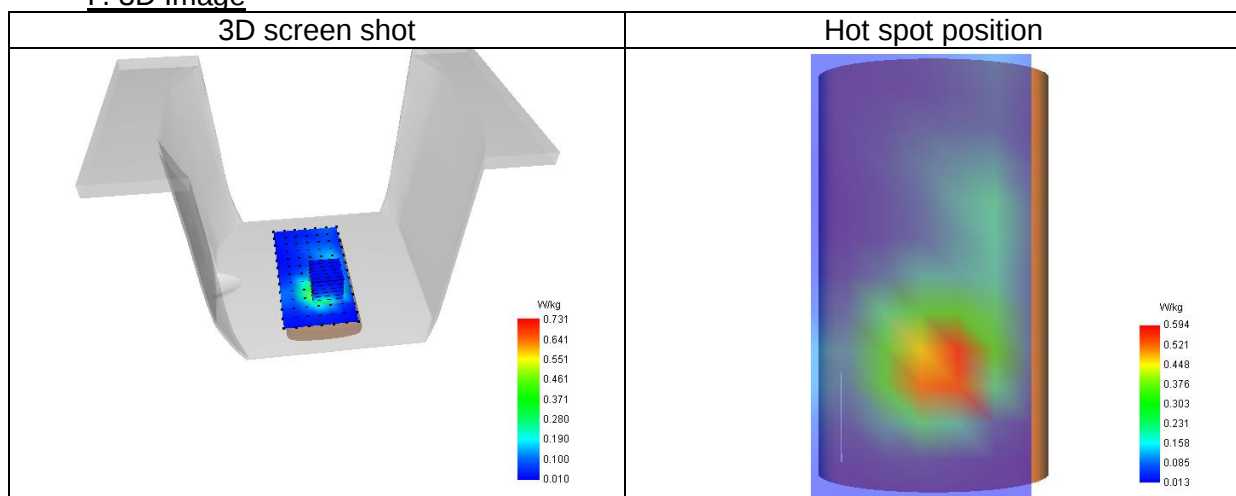
SAR 10g (W/Kg)	0.316
SAR 1g (W/Kg)	0.664
Variation (%)	4.10
Horizontal validation criteria: minimum distance (mm)	10.00
Vertical validation criteria: SAR ratio M2/M1 (%)	51.83

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.267	0.731	0.351	0.191	0.114	0.060	0.046



F. 3D Image



25# SAR Measurement at LTE band 12 (Cheek, Left)

Date of measurement: 7/6/2026

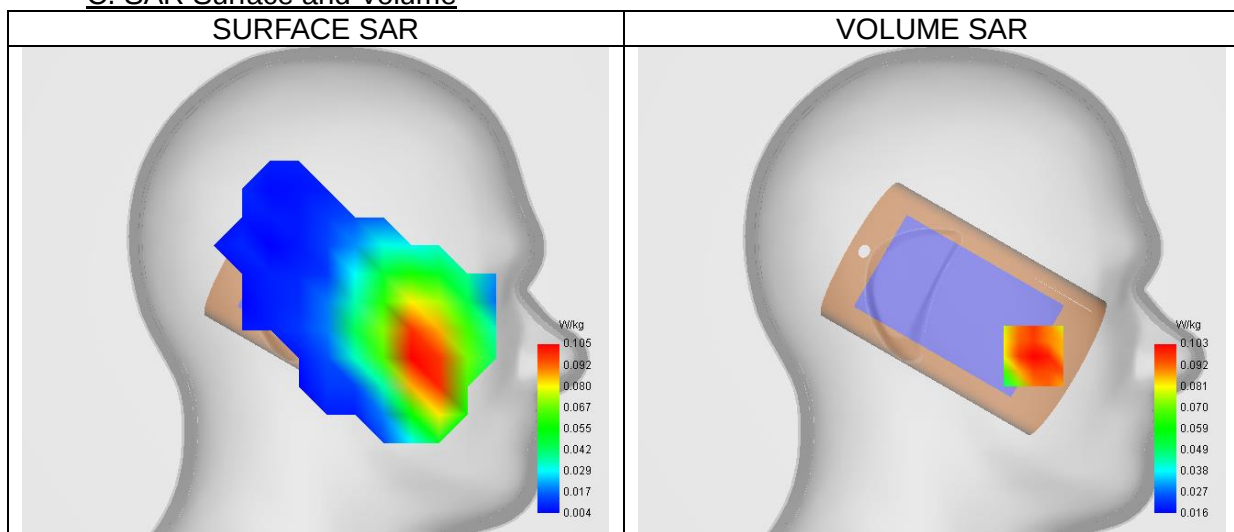
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	2.42
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Left head
Device Position	Cheek
Band	LTE band 12
Signal	LTE FDD
Channel Center [EARFCN] / Channel Center [MHz]	Middle (23095)/ frequency 707.50 Mhz
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
Middle TX Frequency (MHz)	707.50

B. Permittivity

Middle TX Frequency (MHz)	707.50
Relative permittivity (real part)	43.36
Relative permittivity (imaginary part)	22.05
Conductivity (S/m)	0.87

C. SAR Surface and Volume



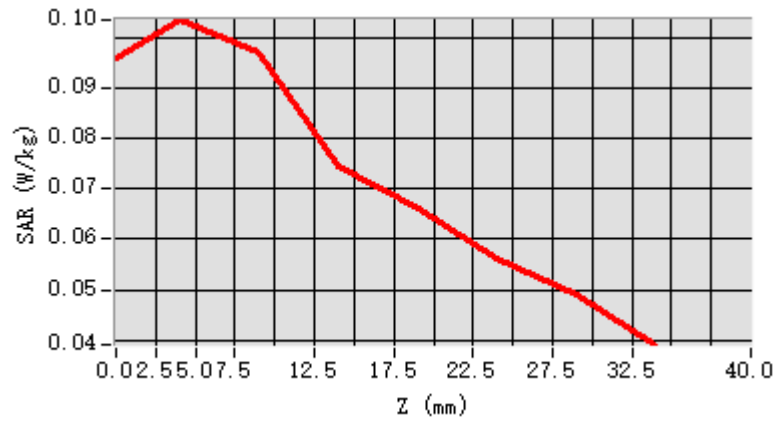
Maximum location: X=-54.00, Y=-35.00 ; SAR Peak: 0.11 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.083
SAR 1g (W/Kg)	0.099
Variation (%)	-0.54
Horizontal validation criteria: minimum distance (mm)	22.63
Vertical validation criteria: SAR ratio M2/M1 (%)	94.79

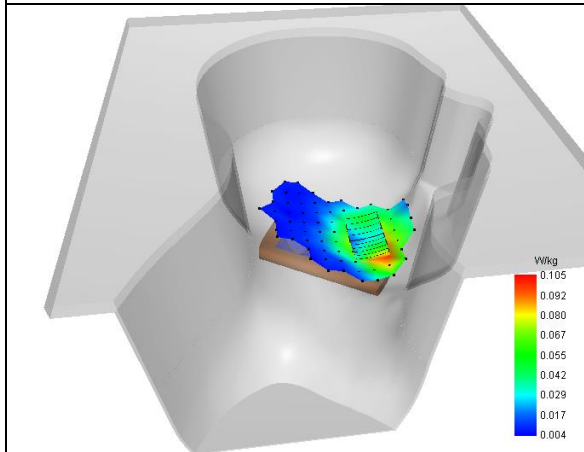
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.096	0.103	0.097	0.074	0.066	0.056	0.049

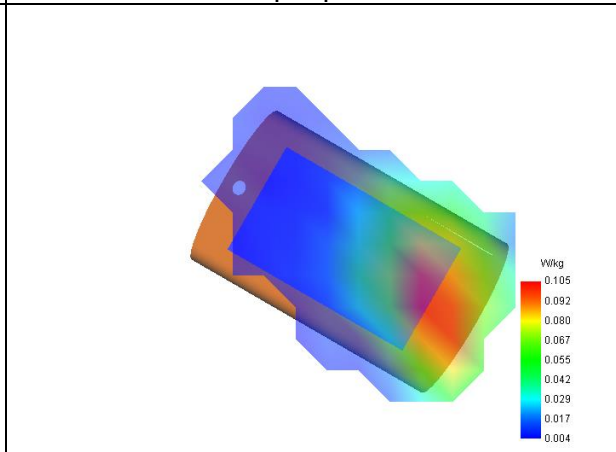


F. 3D Image

3D screen shot



Hot spot position



26# SAR Measurement at LTE band 12 (Body, Validation Plane)

Date of measurement: 7/6/2026

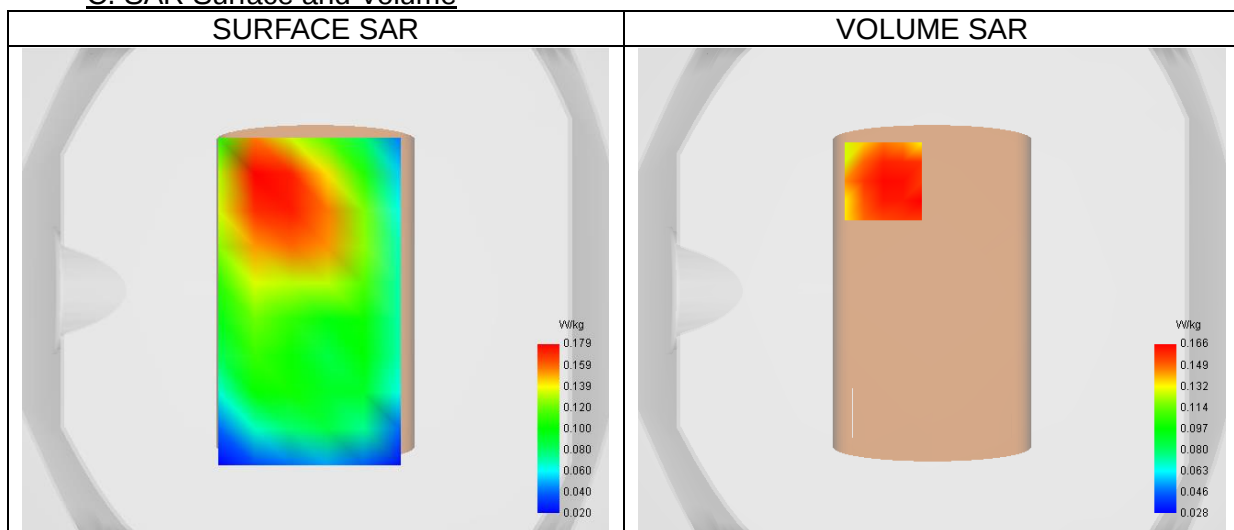
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	2.42
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 12
Signal	LTE FDD
Channel Center [EARFCN] / Channel Center [MHz]	Middle (23095)/ frequency 707.50 Mhz
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
Middle TX Frequency (MHz)	707.50

B. Permittivity

Middle TX Frequency (MHz)	707.50
Relative permittivity (real part)	43.36
Relative permittivity (imaginary part)	22.05
Conductivity (S/m)	0.87

C. SAR Surface and Volume



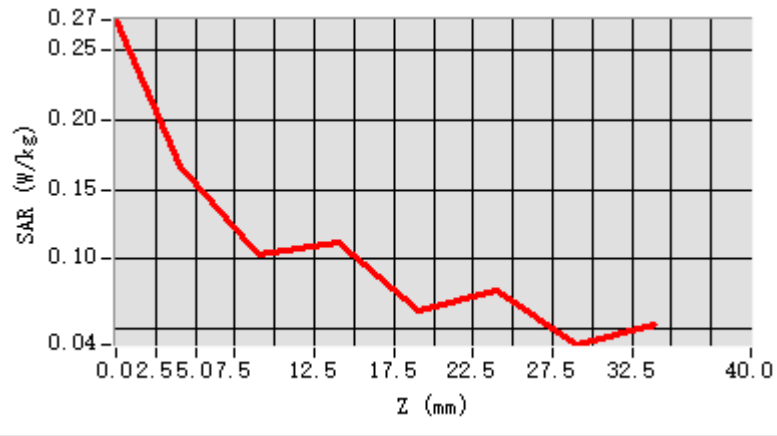
Maximum location: X=-20.00, Y=45.00 ; SAR Peak: 0.21 W/kg

D. SAR 1g & 10g

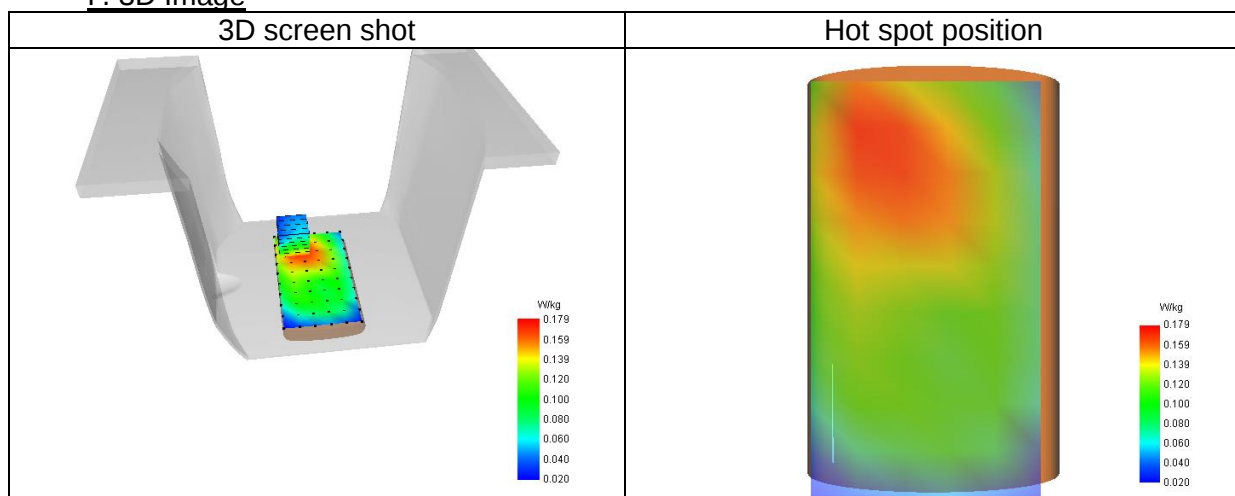
SAR 10g (W/Kg)	0.109
SAR 1g (W/Kg)	0.161
Variation (%)	-1.73
Horizontal validation criteria: minimum distance (mm)	0.00
Vertical validation criteria: SAR ratio M2/M1 (%)	0.00

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.272	0.166	0.103	0.112	0.062	0.077	0.038



F. 3D Image



27# SAR Measurement at LTE band 17 (Cheek, Left)

Date of measurement: 7/6/2026

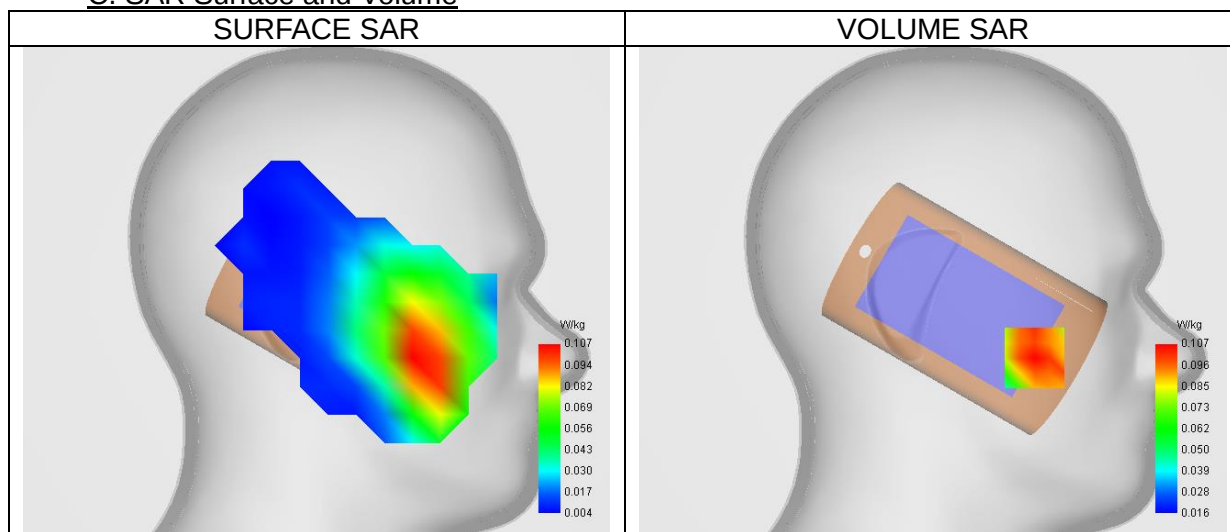
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	2.42
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Left head
Device Position	Cheek
Band	LTE band 17
Signal	LTE FDD
Channel Center [EARFCN] / Channel Center [MHz]	Middle (23790)/ frequency 710.00 Mhz
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
Middle TX Frequency (MHz)	710.00

B. Permittivity

Middle TX Frequency (MHz)	710.00
Relative permittivity (real part)	43.34
Relative permittivity (imaginary part)	22.08
Conductivity (S/m)	0.87

C. SAR Surface and Volume



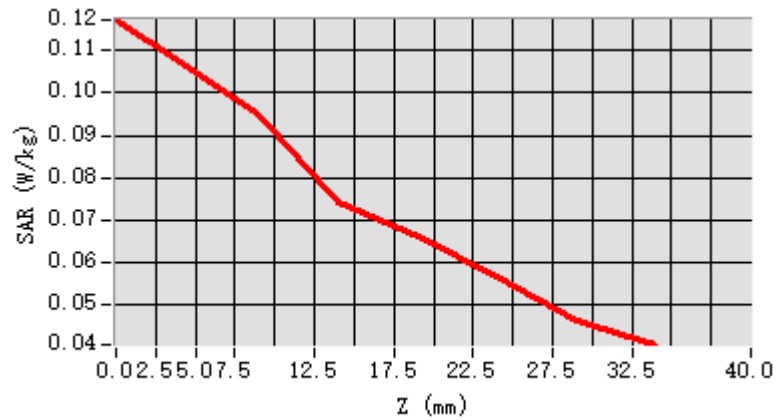
Maximum location: X=-54.00, Y=-36.00 ; SAR Peak: 0.12 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.075
SAR 1g (W/Kg)	0.103
Variation (%)	1.99
Horizontal validation criteria: minimum distance (mm)	22.63
Vertical validation criteria: SAR ratio M2/M1 (%)	90.94

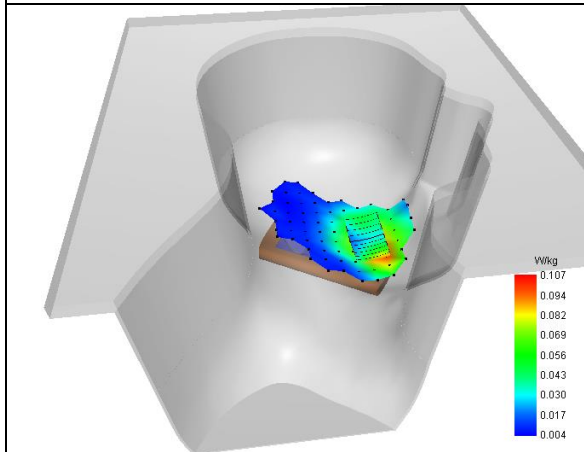
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.117	0.107	0.095	0.074	0.066	0.057	0.047

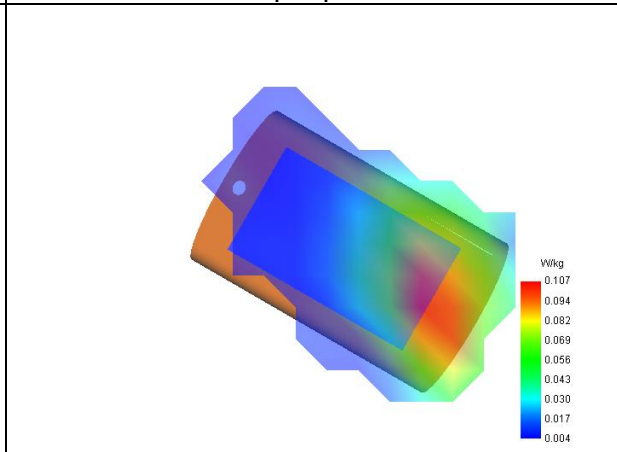


F. 3D Image

3D screen shot



Hot spot position



28# SAR Measurement at LTE band 17 (Body, Validation Plane)

Date of measurement: 7/6/2026

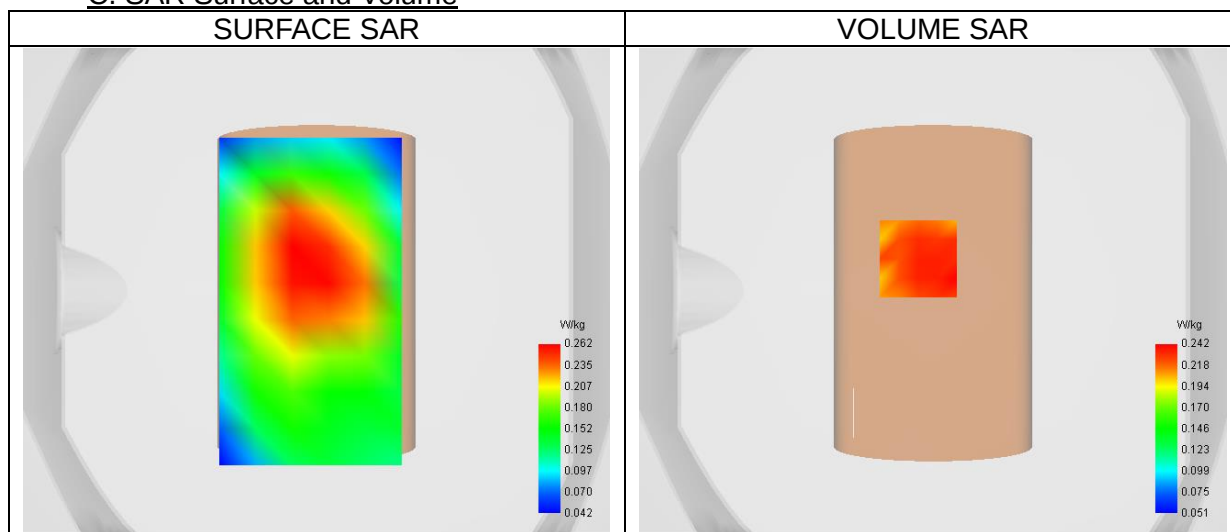
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	2.42
Area Scan	dx=15mm dy=15mm, Complete
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 17
Signal	LTE FDD
Channel Center [EARFCN] / Channel Center [MHz]	Middle (23790)/ frequency 710.00 Mhz
Cell Bandwidth	10 Mhz
Modulation	SC-OFDM - QPSK
Middle TX Frequency (MHz)	710.00

B. Permittivity

Middle TX Frequency (MHz)	710.00
Relative permittivity (real part)	43.34
Relative permittivity (imaginary part)	22.08
Conductivity (S/m)	0.87

C. SAR Surface and Volume



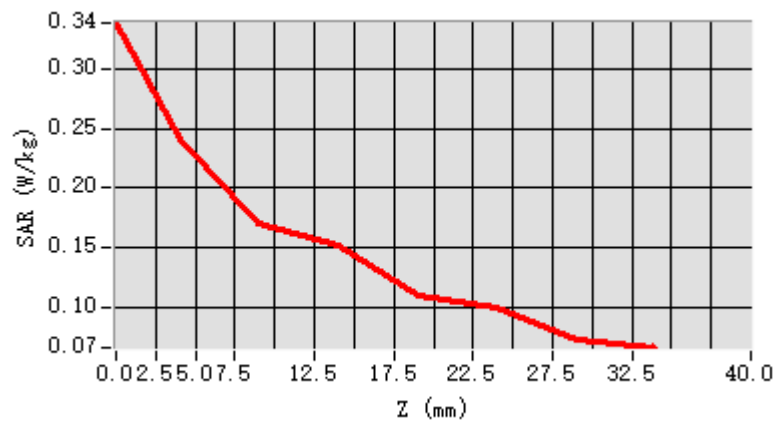
Maximum location: X=-6.00, Y=13.00 ; SAR Peak: 0.31 W/kg

D. SAR 1g & 10g

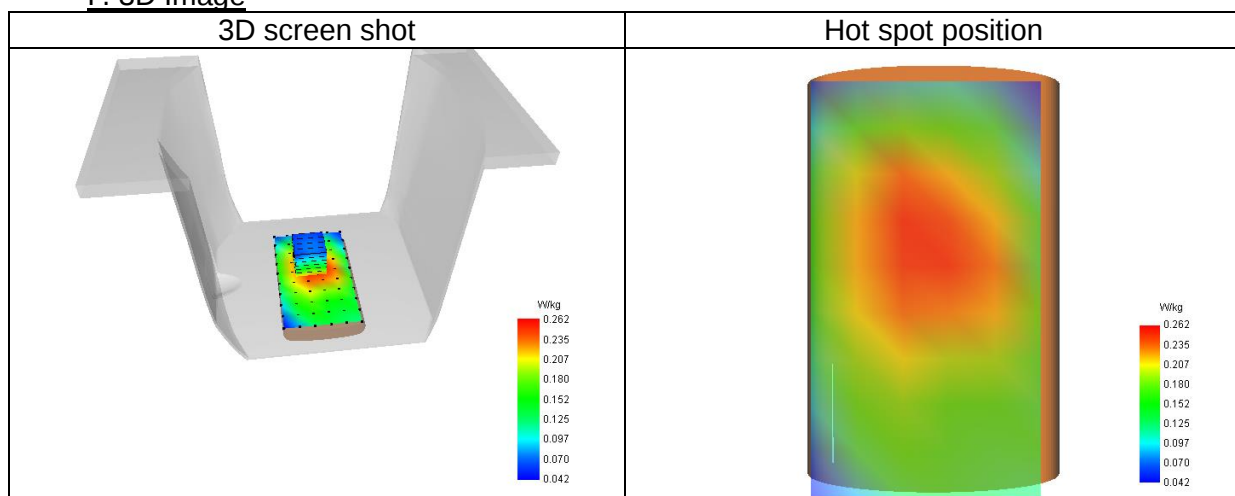
SAR 10g (W/Kg)	0.157
SAR 1g (W/Kg)	0.233
Variation (%)	-2.20
Horizontal validation criteria: minimum distance (mm)	0.00
Vertical validation criteria: SAR ratio M2/M1 (%)	0.00

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.339	0.242	0.171	0.151	0.110	0.099	0.073



F. 3D Image



29# SAR Measurement at LTE band 41 (Cheek, Left)

Date of measurement: 3/6/2026

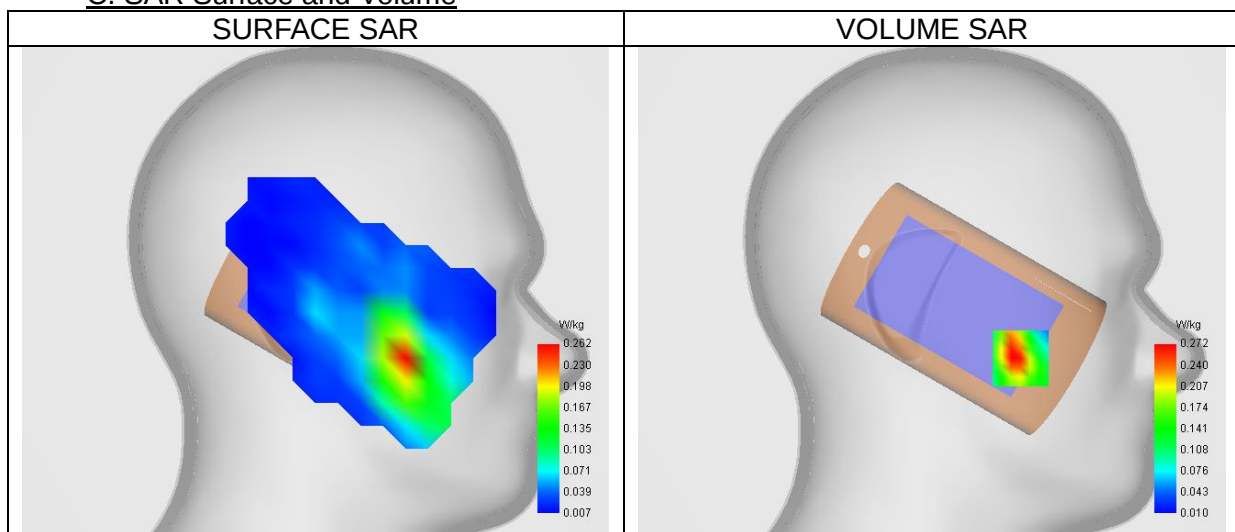
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	2.51
Area Scan	dx=12mm dy=12mm, Complete
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5.0mm,Complete
Phantom	Left head
Device Position	Cheek
Band	LTE band 41
Signal	LTE TDD
Channel Center [EARFCN] / Channel Center [MHz]	Middle (40620)/ frequency 2593.00 Mhz
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
Middle TX Frequency (MHz)	2593.00

B. Permittivity

Middle TX Frequency (MHz)	2593.00
Relative permittivity (real part)	39.91
Relative permittivity (imaginary part)	13.22
Conductivity (S/m)	1.90

C. SAR Surface and Volume



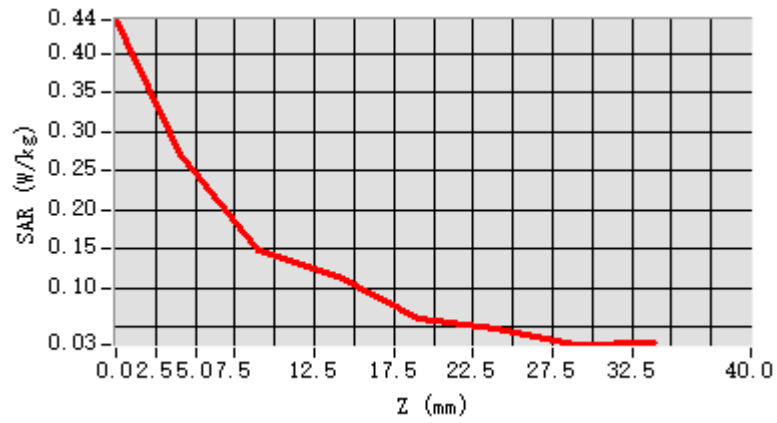
Maximum location: X=-47.00, Y=-36.00 ; SAR Peak: 0.36 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.140
SAR 1g (W/Kg)	0.247
Variation (%)	0.57
Horizontal validation criteria: minimum distance (mm)	10.00
Vertical validation criteria: SAR ratio M2/M1 (%)	72.01

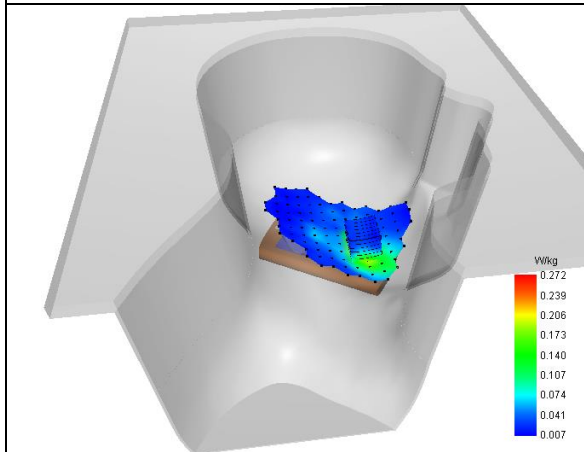
E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.444	0.272	0.149	0.115	0.062	0.048	0.027

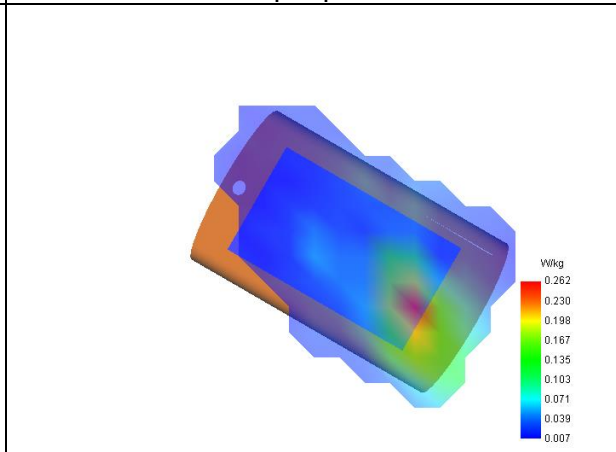


F. 3D Image

3D screen shot



Hot spot position



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

Date of measurement: 3/6/2026

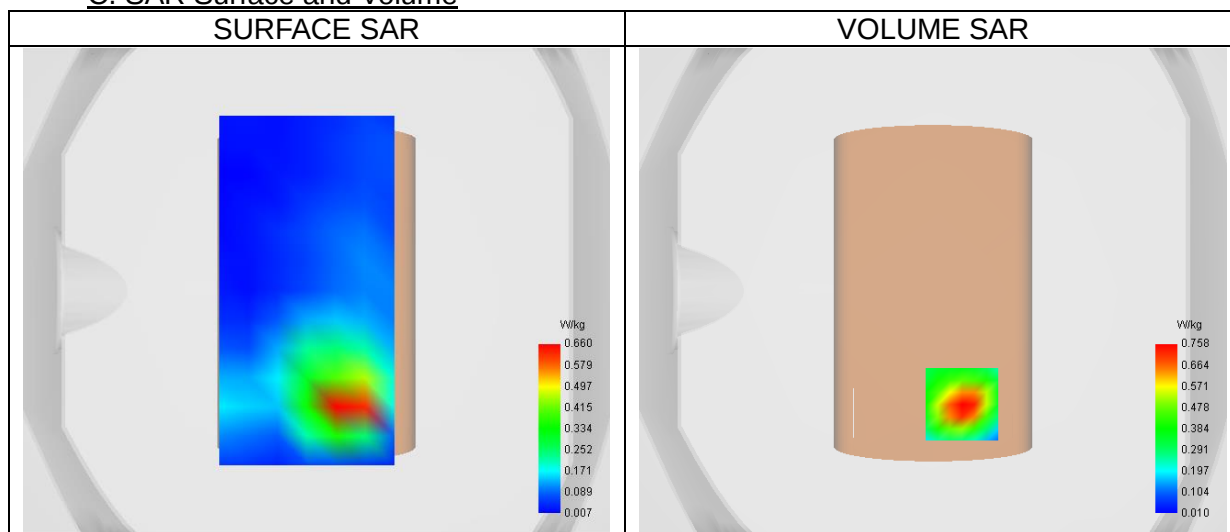
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	2.51
Area Scan	dx=12mm dy=12mm, Complete
Zoom Scan	7x7x7, dx=5mm dy=5mm dz=5.0mm, Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 41
Signal	LTE TDD
Channel Center [EARFCN] / Channel Center [MHz]	Middle (40620)/ frequency 2593.00 Mhz
Cell Bandwidth	20 Mhz
Modulation	SC-OFDM - QPSK
Middle TX Frequency (MHz)	2593.00

B. Permittivity

Middle TX Frequency (MHz)	2593.00
Relative permittivity (real part)	39.91
Relative permittivity (imaginary part)	13.22
Conductivity (S/m)	1.90

C. SAR Surface and Volume



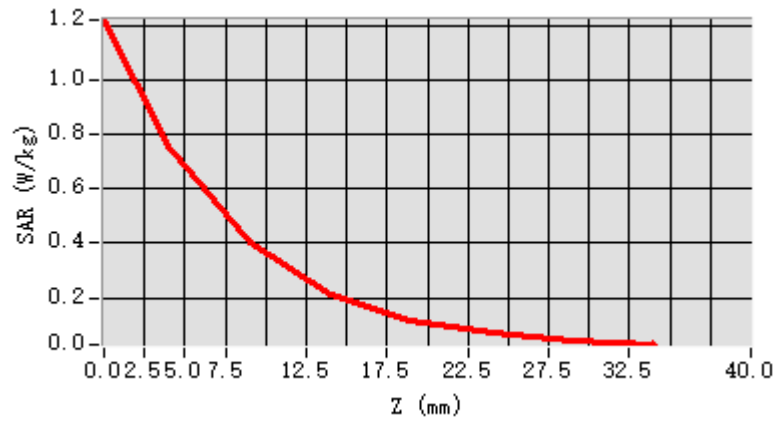
Maximum location: X=12.00, Y=-47.00 ; SAR Peak: 1.23 W/kg

D. SAR 1g & 10g

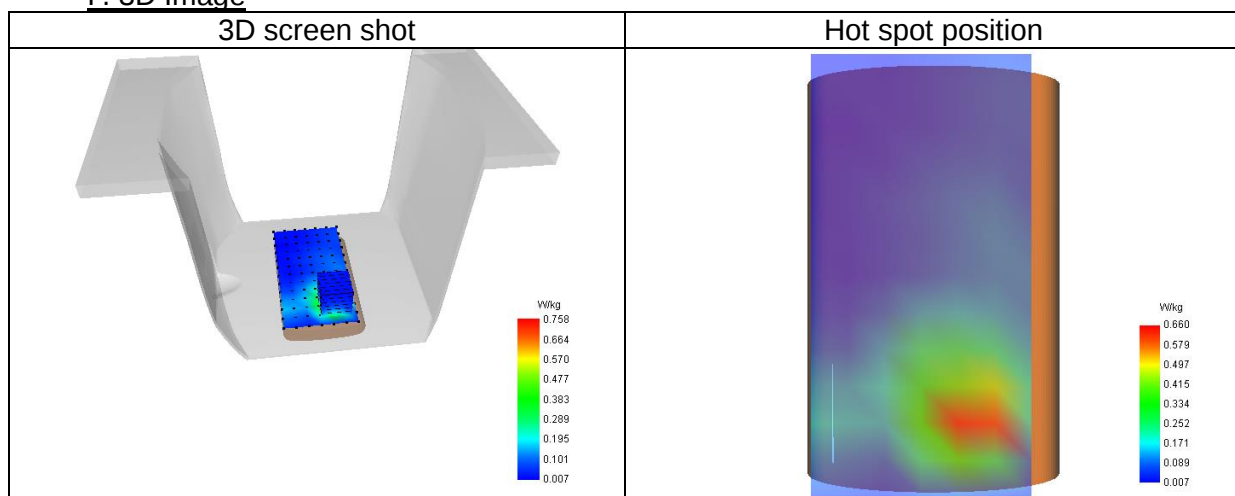
SAR 10g (W/Kg)	0.335
SAR 1g (W/Kg)	0.654
Variation (%)	0.79
Horizontal validation criteria: minimum distance (mm)	14.14
Vertical validation criteria: SAR ratio M2/M1 (%)	53.07

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.220	0.758	0.402	0.211	0.115	0.070	0.041



F. 3D Image



14. Appendix D. Calibration Certificate

Table of contents
E Field Probe - 4024-EPGO-442
750 MHz Dipole - SN 03/15 DIP 0G750-355
835 MHz Dipole - SN 03/15 DIP 0G835-347
1800 MHz Dipole - SN 03/15 DIP 1G800-349
1900 MHz Dipole - SN 03/15 DIP 1G900-350
2450 MHz Dipole - SN 03/15 DIP 2G450-352
2600 MHz Dipole - SN 03/15 DIP 2G600-356
5000-6000 MHz Dipole - SN 13/14 WGA 33
Justification of the extended calibration

DocuSign Envelope ID: 223C1A7C-4751-4B95-8502-1618DC0951E3



COMOSAR E-Field Probe Calibration Report

Ref : ACR.278.12.24.BES.A

SHENZHEN NTEK TESTING TECHNOLOGY CO., LTD.

BUILDING E, FENDA SCIENCE PARK, SANWEI
COMMUNITY, XIXIANG STREET,
BAO'AN DISTRICT, SHENZHEN GUANGDONG, CHINA
MVG COMOSAR DOSIMETRIC E-FIELD PROBE
SERIAL NO.: 4024-EPGO-442

Calibrated at MVG

Z.I. de la pointe du diable

Technopôle Brest Iroise – 295 avenue Alexis de Rochon
29280 PLOUZANE - FRANCE

Calibration date: 10/04/2024



Accreditations #2-6789
Scope available on www.cofrac.fr

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Summary:

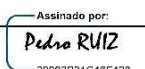
This document presents the method and results from an accredited COMOSAR Dosimetric E-Field Probe calibration performed at MVG, using the CALIPROBE test bench, for use with a MVG COMOSAR system only. The test results covered by accreditation are traceable to the International System of Units (SI).

DocuSign Envelope ID: 223C1A7C-4751-4B95-8502-1618DC0951E3



COMOSAR E-FIELD PROBE CALIBRATION REPORT

Ref: ACR.278.12.24.BES.A

	Name	Function	Date	Signature
Prepared by :	Cyrille ONNEE	Measurement Responsible	10/4/2024	
Checked & approved by:	Pedro Ruiz	Technical Manager	10/4/2024	
Authorized by:	Pedro Ruiz	Laboratory Director	10/4/2024	

Assinado por:

Pedro RUIZ

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	Customer Name
Distribution :	SHENZHEN NTEK TESTING TECHNOLOGY CO., LTD.

Issue	Name	Date	Modifications
A	Cyrille ONNEE	10/4/2024	Initial release

DocuSign Envelope ID: 223C1A7C-4751-4B95-8502-1618DC0951E3



COMOSAR E-FIELD PROBE CALIBRATION REPORT

Ref: ACR.278.12.24.BES.A

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