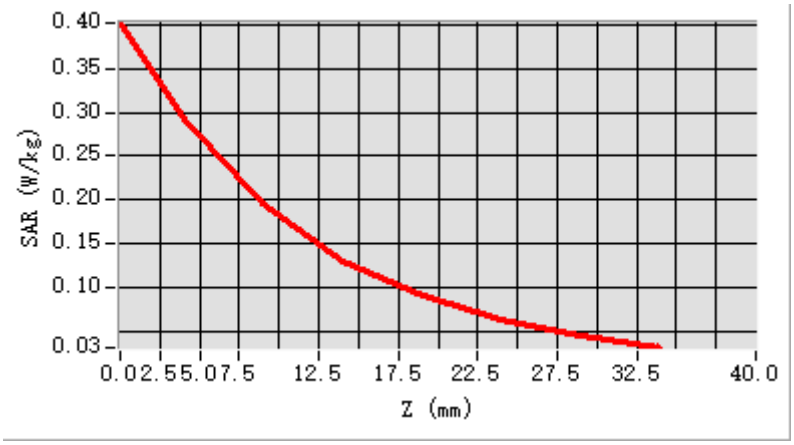
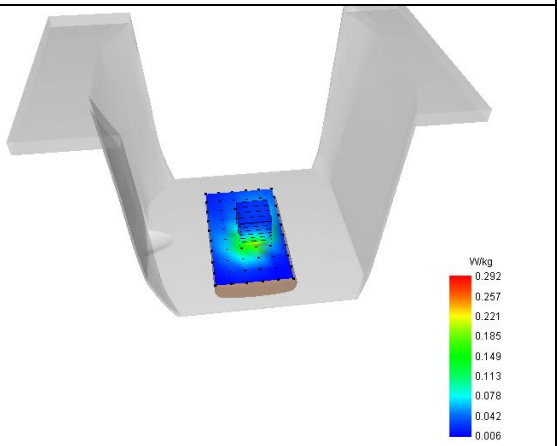
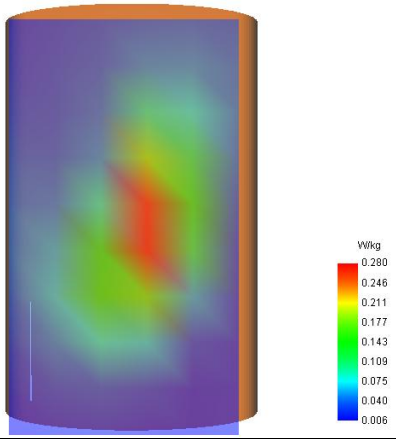


F. 3D Image

3D screen shot	Hot spot position
	

11# SAR Measurement at U-NII-1 (Cheek, Left)
Date of measurement: 21/4/2025

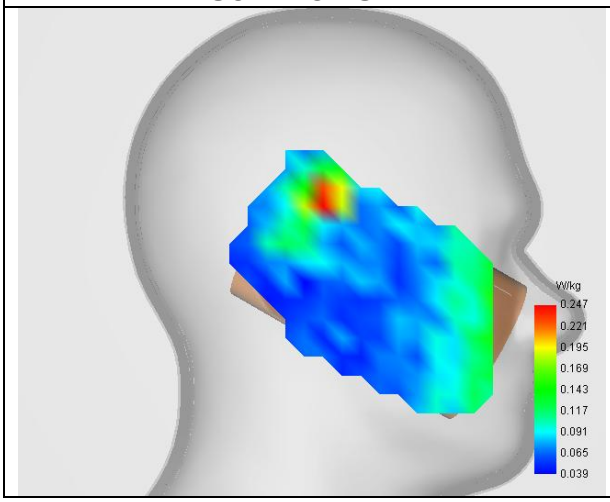
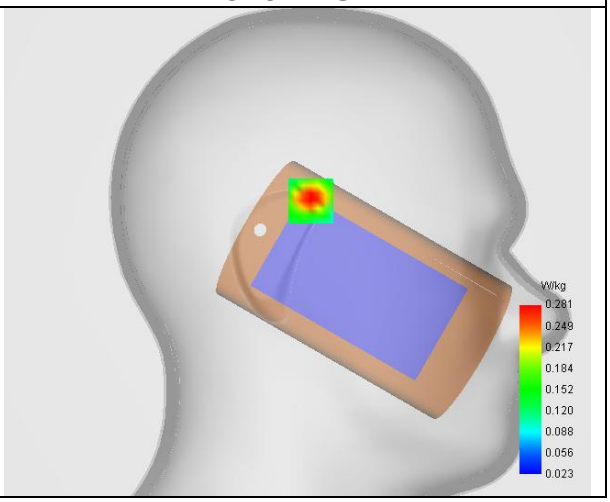
A. Experimental conditions.

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. Permitivity

Middle TX Frequency (MHz)	5200.00
Relative permitivity (real part)	37.52
Relative permitivity (imaginary part)	15.95
Conductivity (S/m)	4.61

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

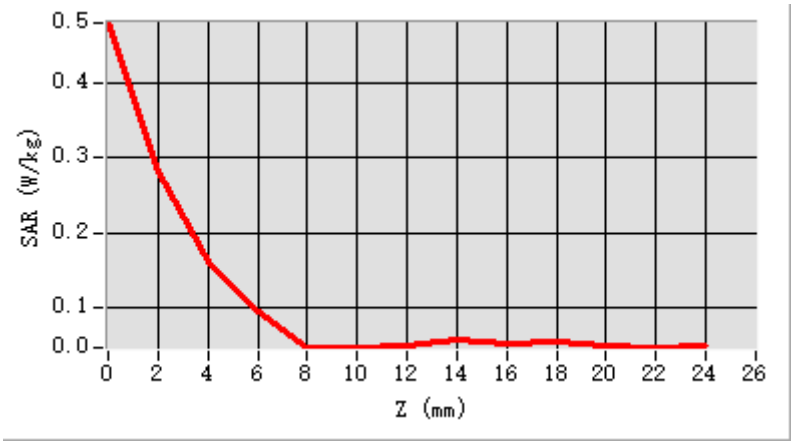
Maximum location: X=-7.00, Y=27.00 ; SAR Peak: 0.83 W/kg

D. SAR 1g & 10g

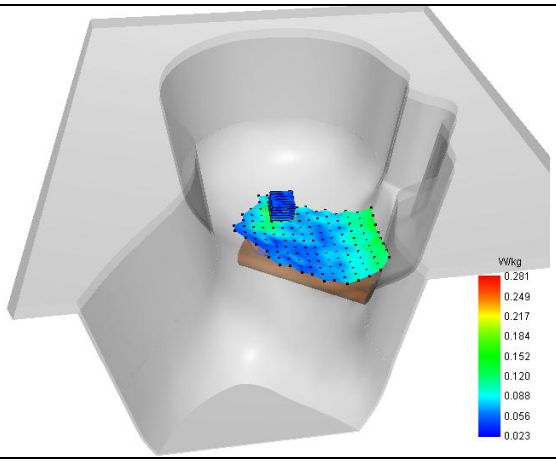
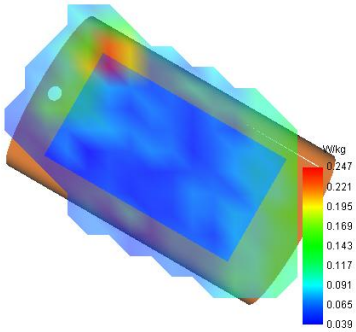
SAR 10g (W/Kg)	0.120
SAR 1g (W/Kg)	0.277
Variation (%)	-3.89
Horizontal validation criteria: minimum distance (mm)	11.31
Vertical validation criteria: SAR ratio M2/M1 (%)	57.73

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	0.479	0.281	0.162	0.096	0.047	0.047	0.050	0.056	0.053	0.054	0.050	0.047



F. 3D Image

3D screen shot	Hot spot position
	

12# SAR Measurement at U-NII-1 (Cheek, Left)
Date of measurement: 21/4/2025

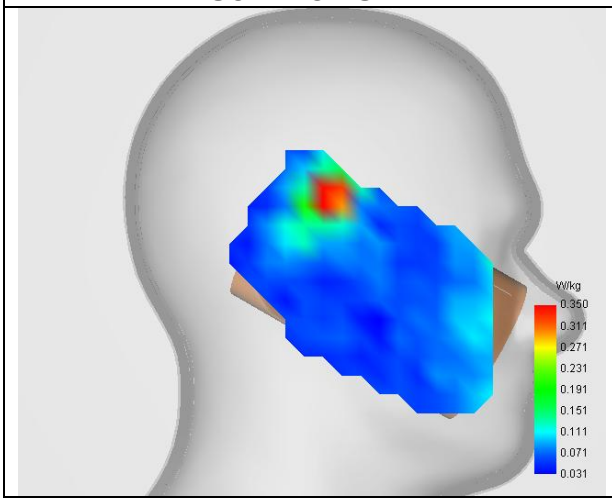
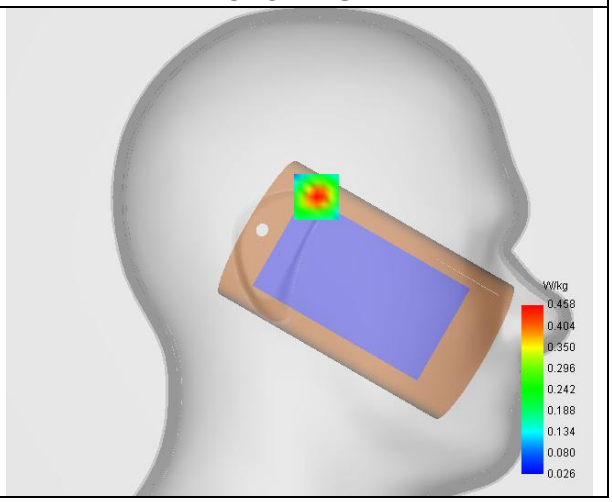
A. Experimental conditions.

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 ax
Channels/Frequency	Middle (46)/ frequency 5230.00 Mhz

B. Permitivity

Middle TX Frequency (MHz)	5230.00
Relative permitivity (real part)	37.43
Relative permitivity (imaginary part)	15.99
Conductivity (S/m)	4.65

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

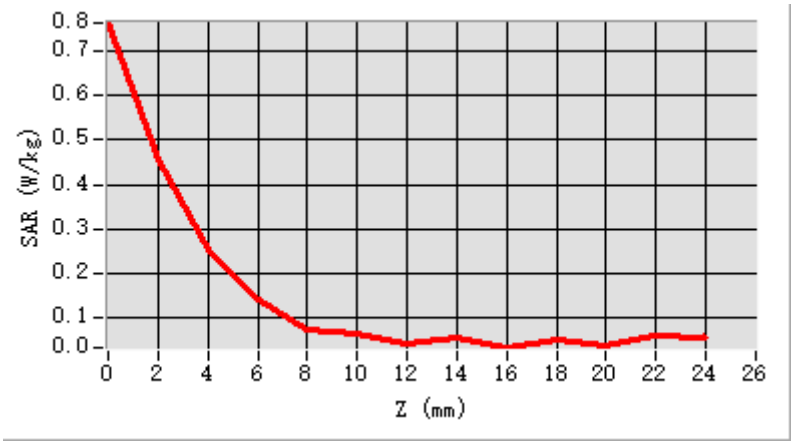
Maximum location: X=-9.00, Y=29.00 ; SAR Peak: 1.22 W/kg

D. SAR 1g & 10g

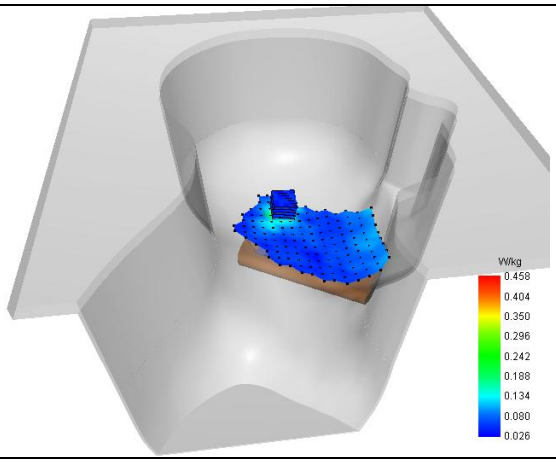
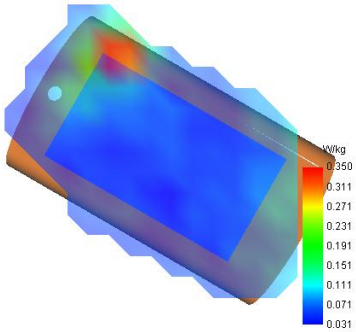
SAR 10g (W/Kg)	0.166
SAR 1g (W/Kg)	0.436
Variation (%)	-3.92
Horizontal validation criteria: minimum distance (mm)	11.31
Vertical validation criteria: SAR ratio M2/M1 (%)	55.85

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	0.763	0.458	0.256	0.139	0.075	0.063	0.044	0.057	0.033	0.052	0.037	0.059



F. 3D Image

3D screen shot	Hot spot position
	

13# SAR Measurement at U-NII-1 (Cheek, Left)
Date of measurement: 21/4/2025

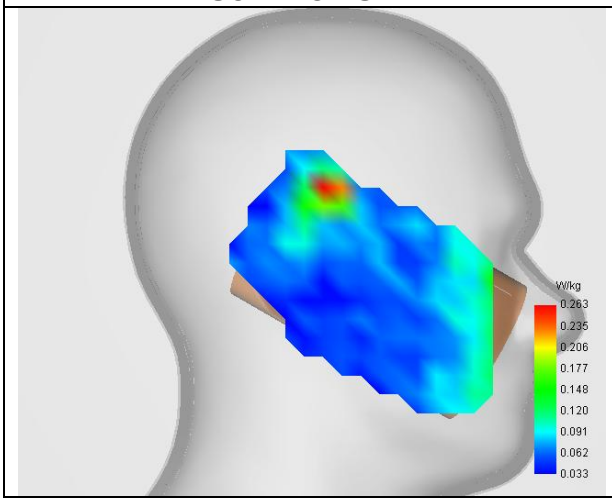
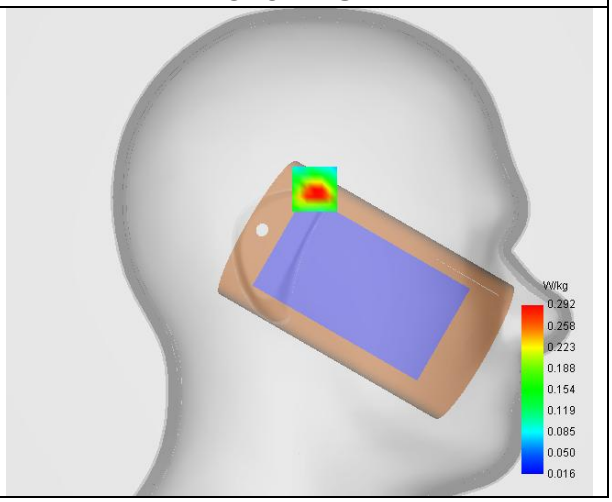
A. Experimental conditions.

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 n
Channels/Frequency	Middle (40)/ frequency 5200.00 Mhz

B. Permitivity

Middle TX Frequency (MHz)	5200.00
Relative permitivity (real part)	37.52
Relative permitivity (imaginary part)	15.95
Conductivity (S/m)	4.61

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

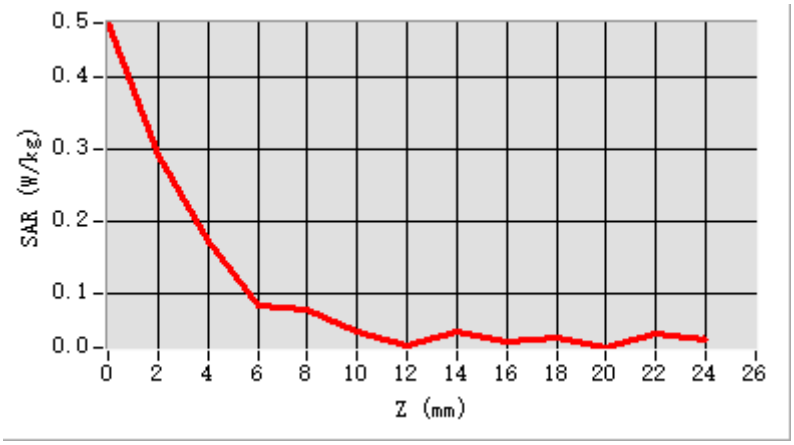
Maximum location: X=-8.00, Y=33.00 ; SAR Peak: 0.85 W/kg

D. SAR 1g & 10g

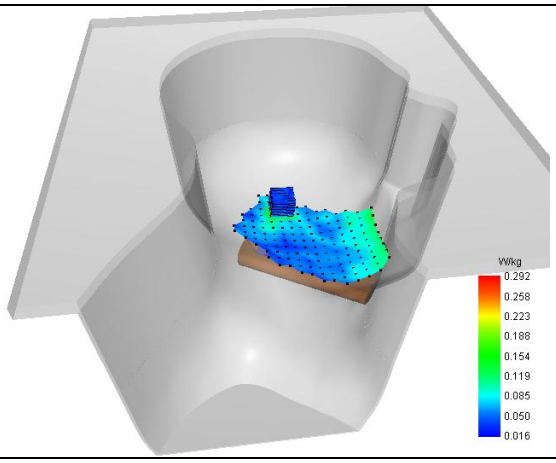
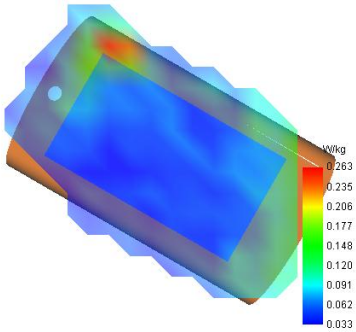
SAR 10g (W/Kg)	0.106
SAR 1g (W/Kg)	0.287
Variation (%)	-1.64
Horizontal validation criteria: minimum distance (mm)	8.94
Vertical validation criteria: SAR ratio M2/M1 (%)	59.10

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	0.475	0.292	0.173	0.083	0.077	0.049	0.027	0.048	0.035	0.039	0.026	0.046



F. 3D Image

3D screen shot	Hot spot position
	

14# SAR Measurement at U-NII-1 (Body, Validation Plane)
Date of measurement: 21/4/2025

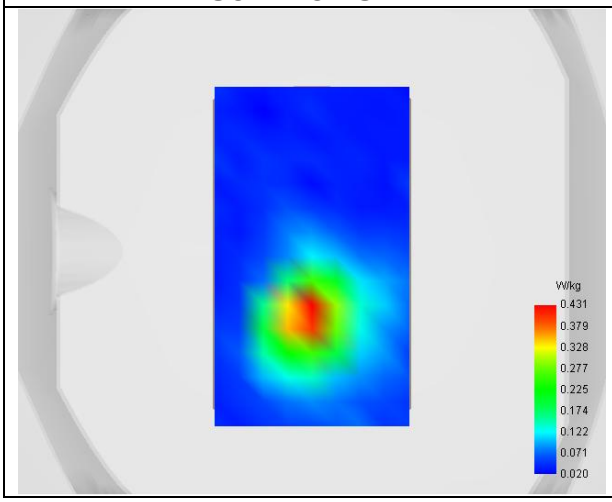
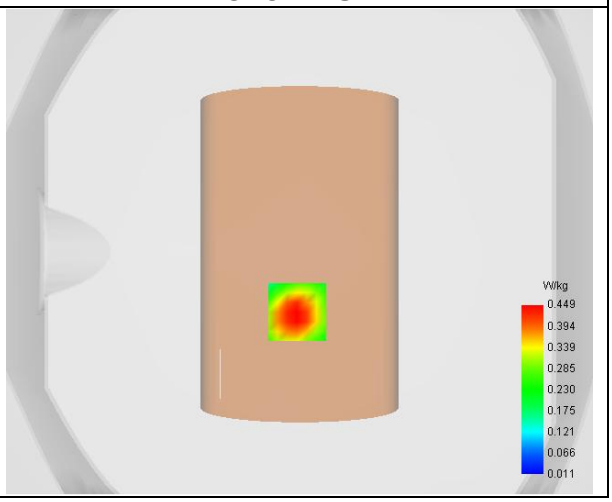
A. Experimental conditions.

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 ax
Channels/Frequency	Middle (46)/ frequency 5230.00 Mhz

B. Permitivity

Middle TX Frequency (MHz)	5230.00
Relative permitivity (real part)	37.43
Relative permitivity (imaginary part)	15.99
Conductivity (S/m)	4.65

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

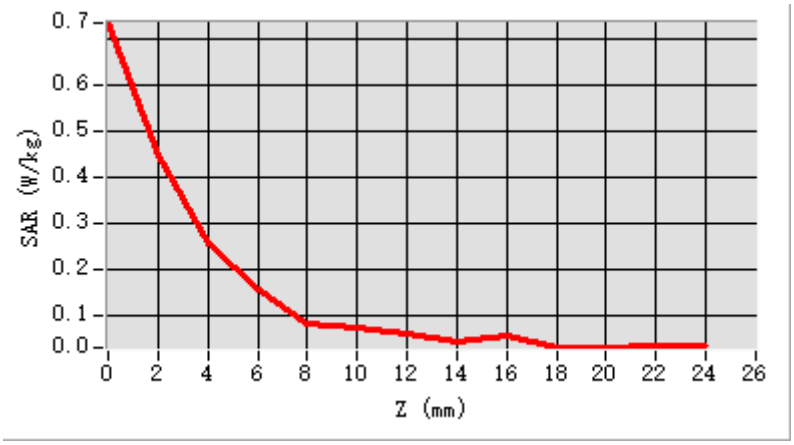
Maximum location: X=-1.00, Y=-25.00 ; SAR Peak: 0.76 W/kg

D. SAR 1g & 10g

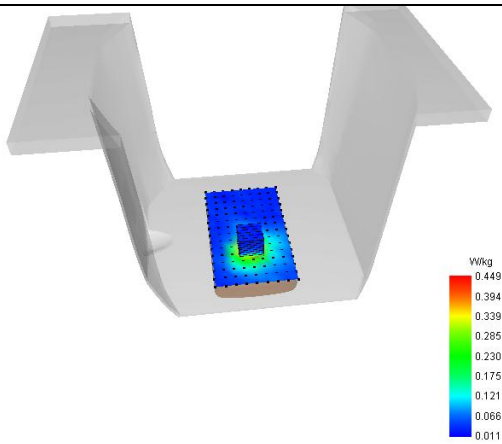
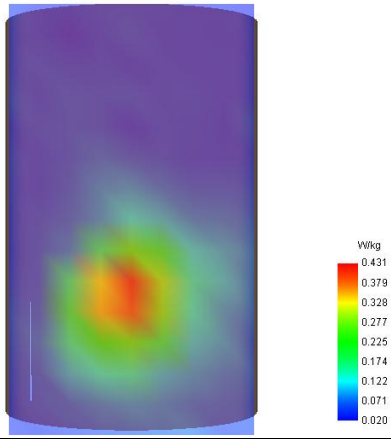
SAR 10g (W/Kg)	0.110
SAR 1g (W/Kg)	0.274
Variation (%)	0.51
Horizontal validation criteria: minimum distance (mm)	14.42
Vertical validation criteria: SAR ratio M2/M1 (%)	57.56

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	0.736	0.449	0.258	0.156	0.081	0.072	0.059	0.042	0.054	0.030	0.032	0.034



F. 3D Image

3D screen shot	Hot spot position
	

15# SAR Measurement at U-NII-1 (Body, Validation Plane)
Date of measurement: 21/4/2025

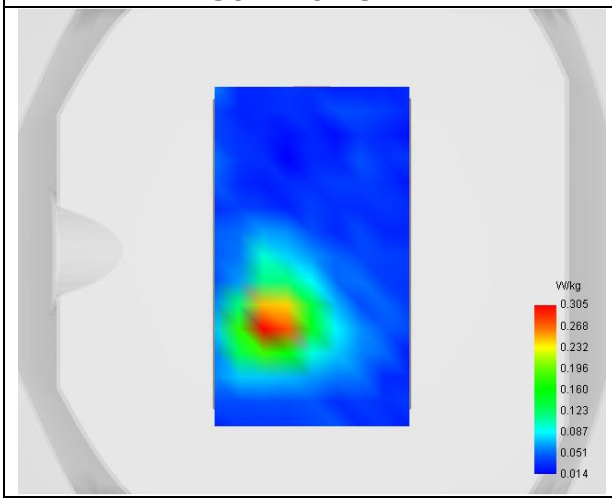
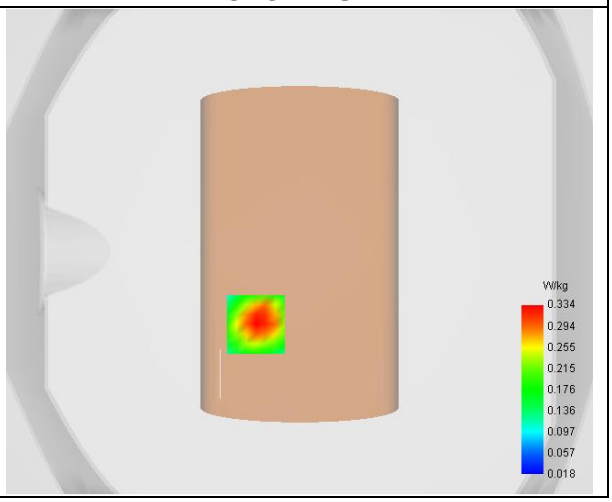
A. Experimental conditions.

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 n
Channels/Frequency	Middle (40)/ frequency 5200.00 Mhz

B. Permitivity

Middle TX Frequency (MHz)	5200.00
Relative permitivity (real part)	37.52
Relative permitivity (imaginary part)	15.95
Conductivity (S/m)	4.61

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

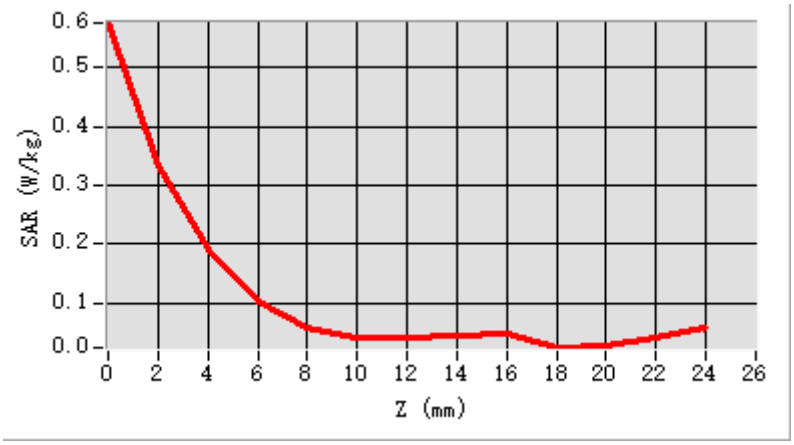
Maximum location: X=-18.00, Y=-30.00 ; SAR Peak: 0.55 W/kg

D. SAR 1g & 10g

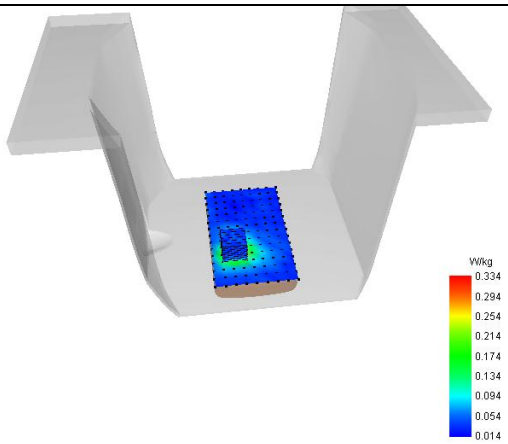
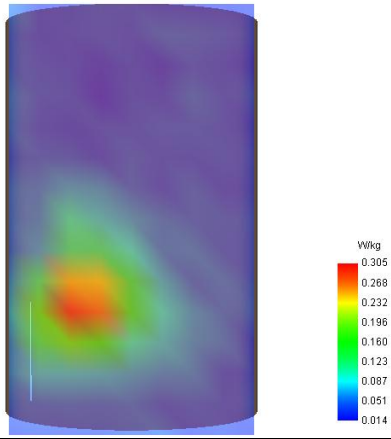
SAR 10g (W/Kg)	0.087
SAR 1g (W/Kg)	0.194
Variation (%)	4.30
Horizontal validation criteria: minimum distance (mm)	12.65
Vertical validation criteria: SAR ratio M2/M1 (%)	56.75

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	0.576	0.334	0.190	0.101	0.057	0.042	0.042	0.043	0.047	0.024	0.029	0.041



F. 3D Image

3D screen shot	Hot spot position
	

16# SAR Measurement at U-NII-1 (Body, Validation Plane)
Date of measurement: 21/4/2025

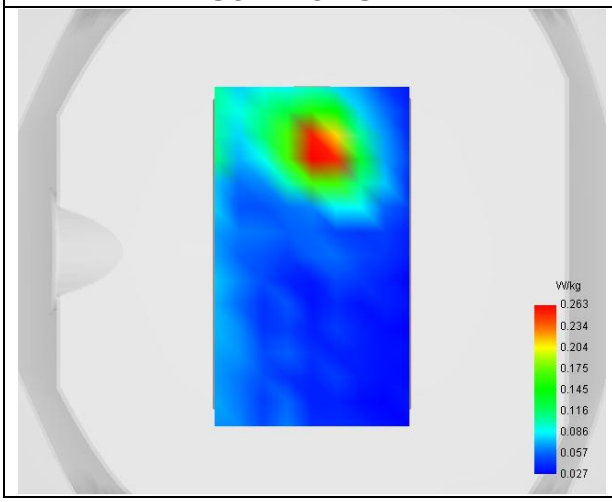
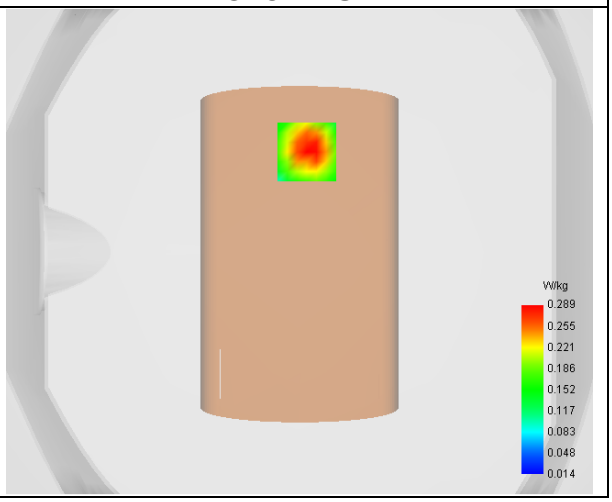
A. Experimental conditions.

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. Permitivity

Middle TX Frequency (MHz)	5200.00
Relative permitivity (real part)	37.52
Relative permitivity (imaginary part)	15.95
Conductivity (S/m)	4.61

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

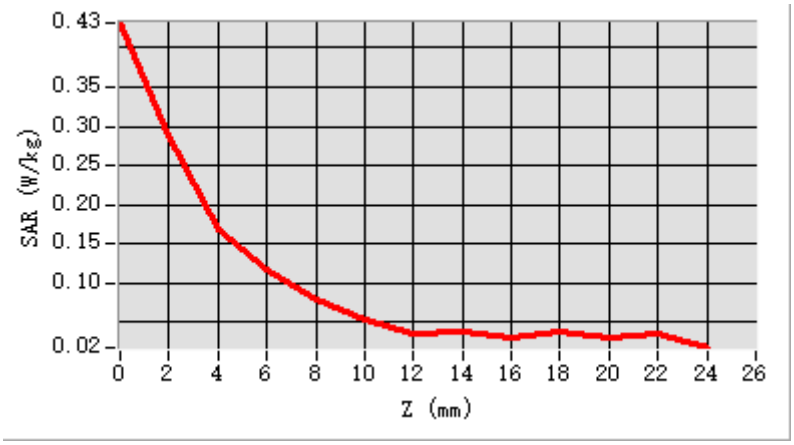
Maximum location: X=3.00, Y=41.00 ; SAR Peak: 0.54 W/kg

D. SAR 1g & 10g

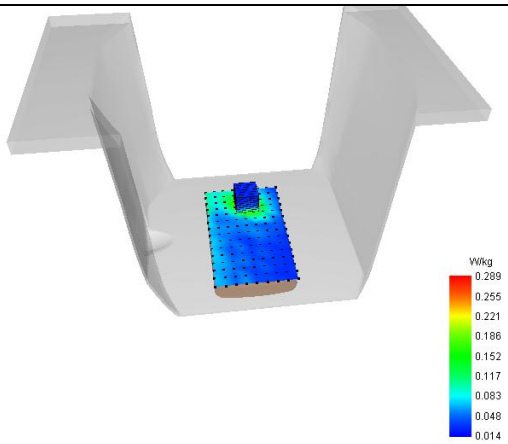
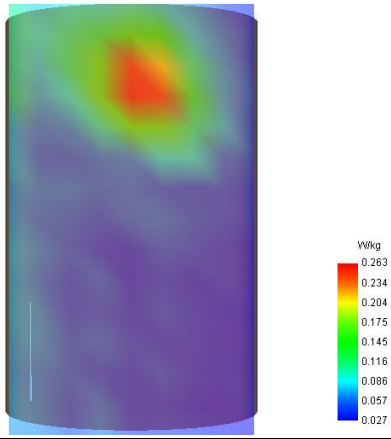
SAR 10g (W/Kg)	0.081
SAR 1g (W/Kg)	0.184
Variation (%)	-0.60
Horizontal validation criteria: minimum distance (mm)	14.42
Vertical validation criteria: SAR ratio M2/M1 (%)	65.75

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	0.432	0.289	0.167	0.117	0.079	0.054	0.037	0.037	0.030	0.038	0.030	0.034



F. 3D Image

3D screen shot	Hot spot position
	

17# SAR Measurement at U-NII-2a (Cheek, Left)
Date of measurement: 22/4/2025

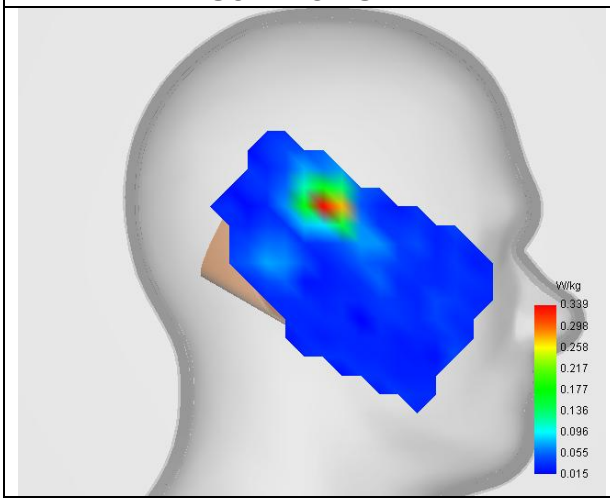
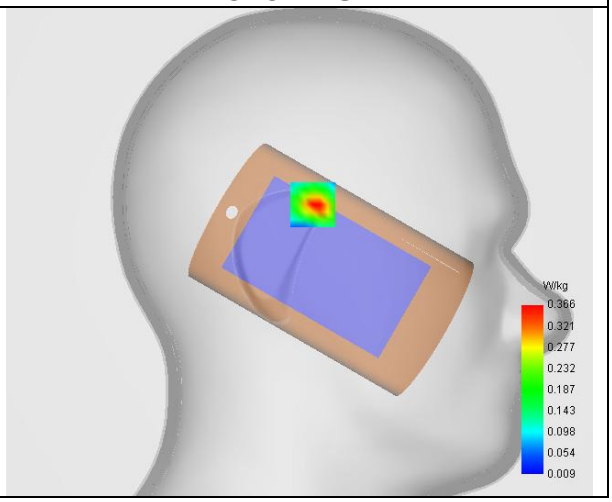
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	1.97
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-2a
Signal	IEEE 802.11 ax
Channels/Frequency	Middle (54)/ frequency 5270.00 Mhz

B. Permitivity

Middle TX Frequency (MHz)	5270.00
Relative permitivity (real part)	35.86
Relative permitivity (imaginary part)	16.46
Conductivity (S/m)	4.83

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

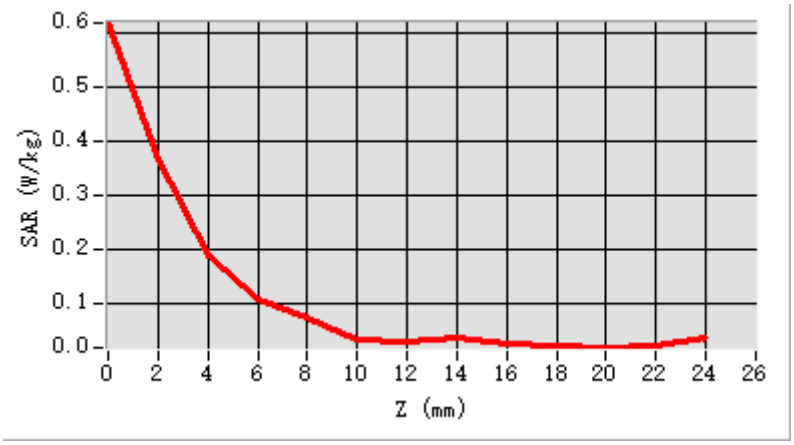
Maximum location: X=-7.00, Y=25.00 ; SAR Peak: 1.00 W/kg

D. SAR 1g & 10g

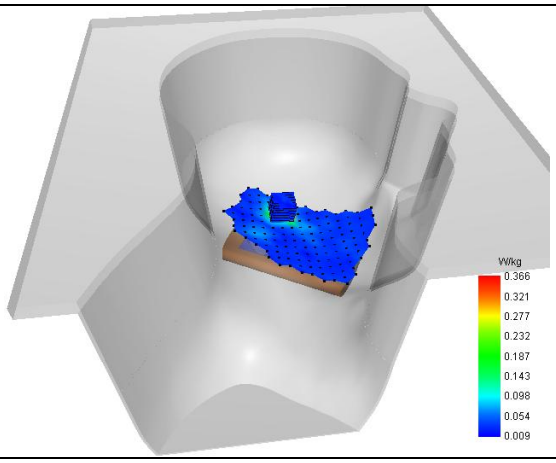
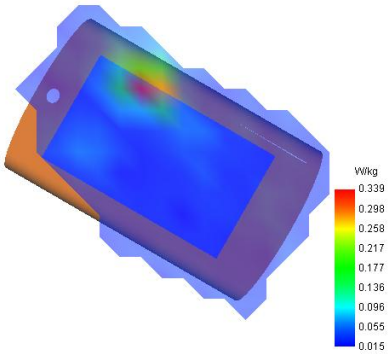
SAR 10g (W/Kg)	0.127
SAR 1g (W/Kg)	0.337
Variation (%)	-3.64
Horizontal validation criteria: minimum distance (mm)	8.94
Vertical validation criteria: SAR ratio M2/M1 (%)	54.63

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	0.620	0.366	0.186	0.106	0.072	0.031	0.029	0.034	0.026	0.020	0.017	0.020



F. 3D Image

3D screen shot	Hot spot position
	

18# SAR Measurement at U-NII-2a (Cheek, Left)
Date of measurement: 22/4/2025

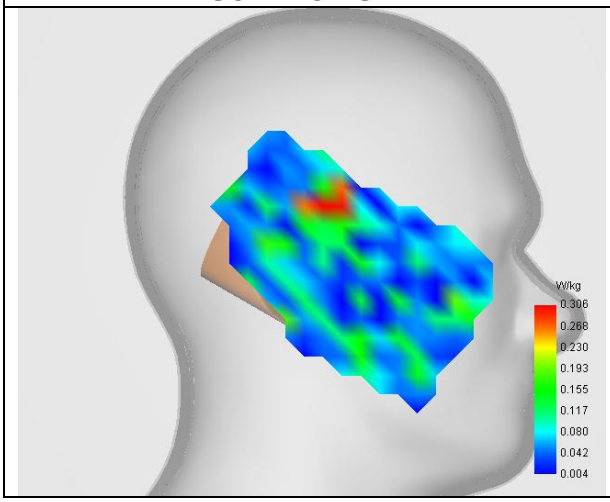
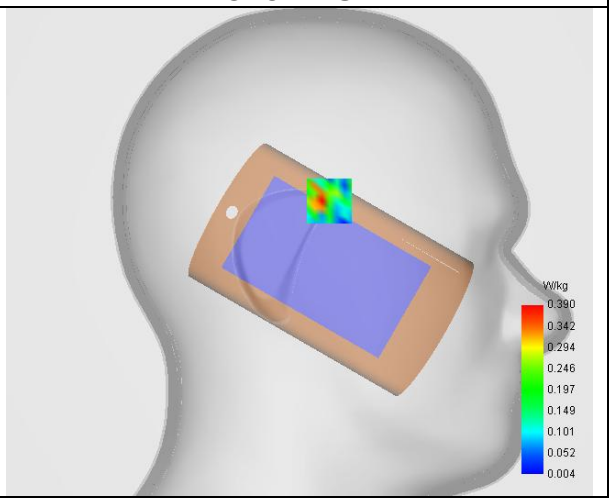
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	1.97
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-2a
Signal	IEEE 802.11 a
Channels/Frequency	Middle (56)/ frequency 5280.00 Mhz

B. Permitivity

Middle TX Frequency (MHz)	5280.00
Relative permitivity (real part)	35.86
Relative permitivity (imaginary part)	16.46
Conductivity (S/m)	4.83

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

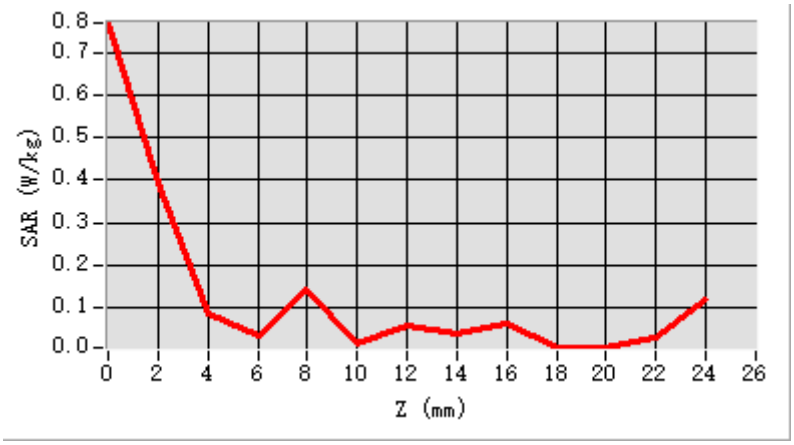
Maximum location: X=-16.00, Y=27.00 ; SAR Peak: 1.45 W/kg

D. SAR 1g & 10g

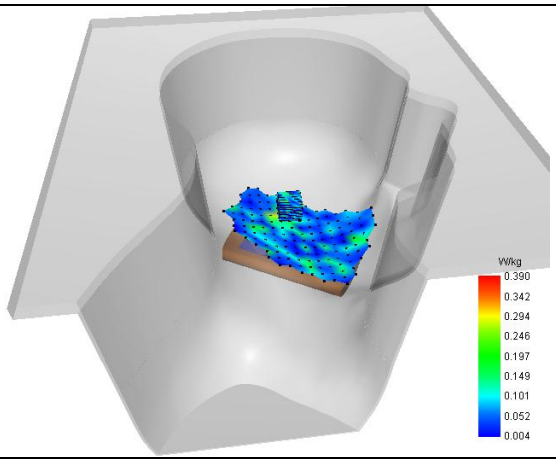
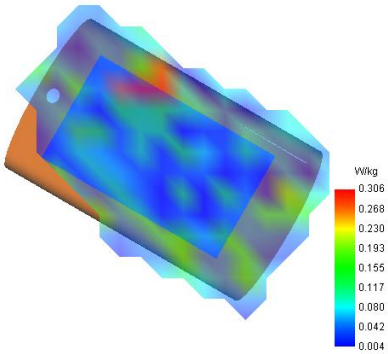
SAR 10g (W/Kg)	0.115
SAR 1g (W/Kg)	0.354
Variation (%)	-2.30
Horizontal validation criteria: minimum distance (mm)	5.66
Vertical validation criteria: SAR ratio M2/M1 (%)	67.33

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	0.771	0.390	0.087	0.031	0.142	0.016	0.055	0.037	0.061	0.004	0.004	0.029



F. 3D Image

3D screen shot	Hot spot position
	

19# SAR Measurement at U-NII-2a (Cheek, Left)
Date of measurement: 22/4/2025

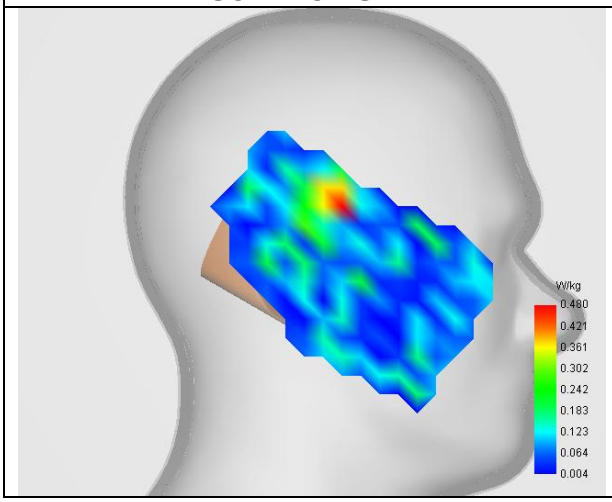
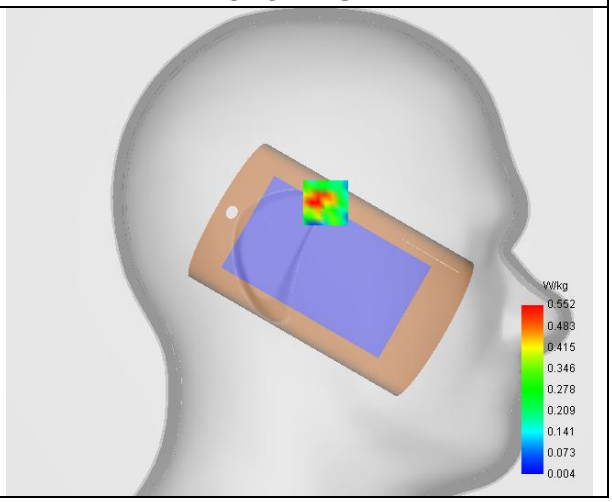
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	1.97
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-2a
Signal	IEEE 802.11 a
Channels/Frequency	Middle (56)/ frequency 5280.00 Mhz

B. Permitivity

Middle TX Frequency (MHz)	5280.00
Relative permitivity (real part)	35.86
Relative permitivity (imaginary part)	16.46
Conductivity (S/m)	4.83

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

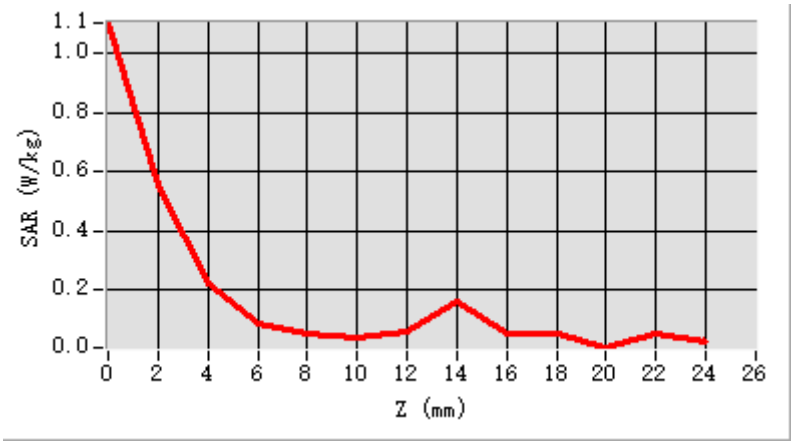
Maximum location: X=-14.00, Y=26.00 ; SAR Peak: 2.52 W/kg

D. SAR 1g & 10g

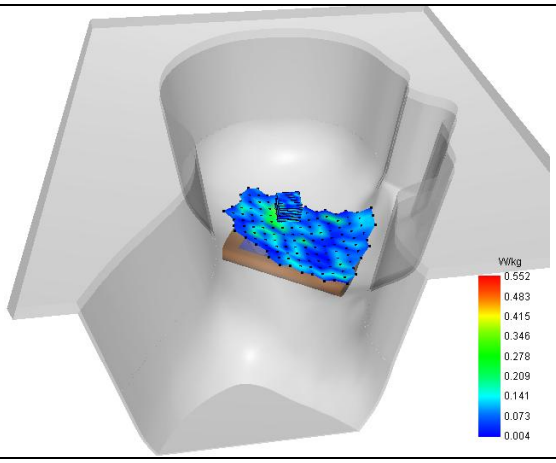
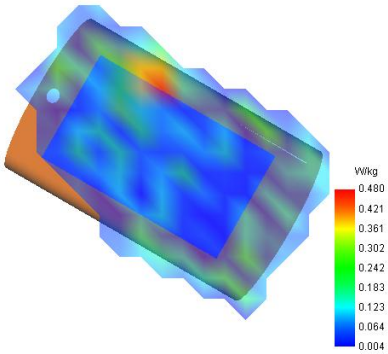
SAR 10g (W/Kg)	0.179
SAR 1g (W/Kg)	0.500
Variation (%)	-4.44
Horizontal validation criteria: minimum distance (mm)	8.94
Vertical validation criteria: SAR ratio M2/M1 (%)	71.06

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	1.103	0.552	0.221	0.088	0.053	0.040	0.061	0.159	0.053	0.052	0.004	0.051



F. 3D Image

3D screen shot	Hot spot position
	

20# SAR Measurement at U-NII-2a (Body, Validation Plane)
Date of measurement: 22/4/2025

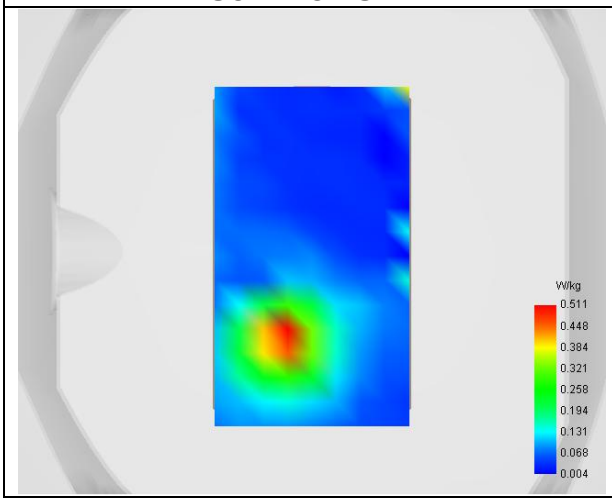
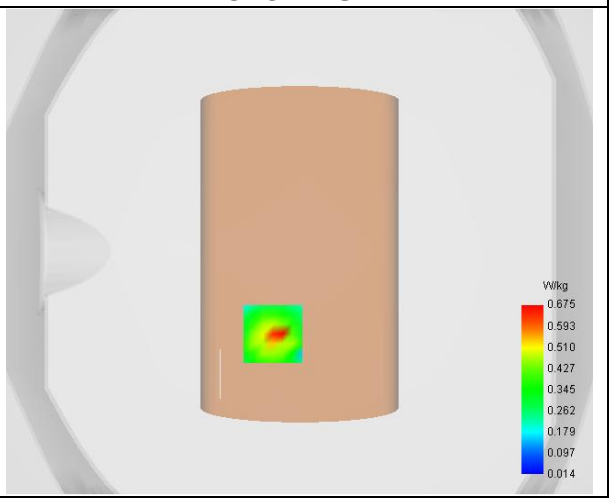
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	1.97
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-2a
Signal	IEEE 802.11 n
Channels/Frequency	Middle (56)/ frequency 5280.00 Mhz

B. Permitivity

Middle TX Frequency (MHz)	5280.00
Relative permitivity (real part)	35.86
Relative permitivity (imaginary part)	16.46
Conductivity (S/m)	4.83

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

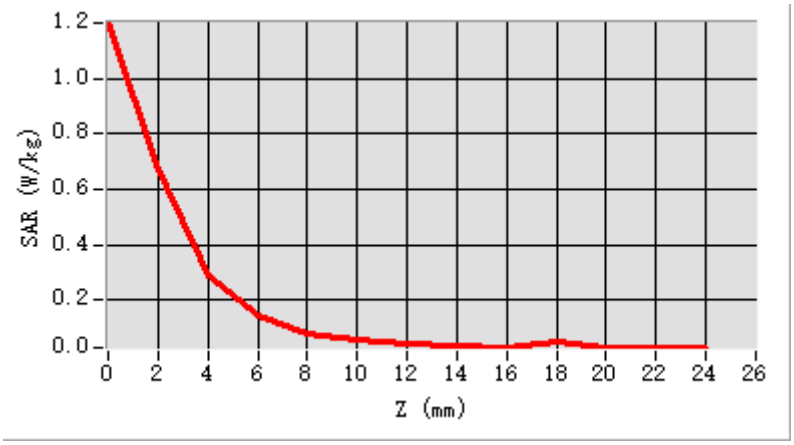
Maximum location: X=-11.00, Y=-34.00 ; SAR Peak: 1.49 W/kg

D. SAR 1g & 10g

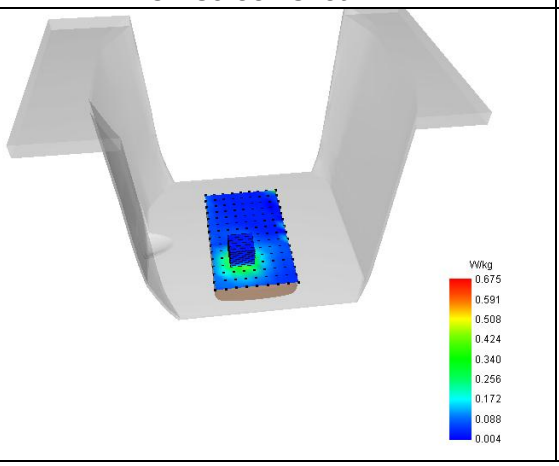
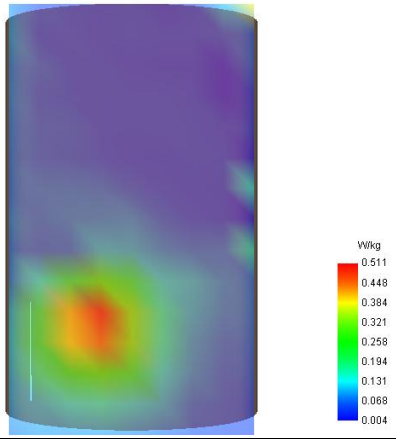
SAR 10g (W/Kg)	0.131
SAR 1g (W/Kg)	0.345
Variation (%)	-3.89
Horizontal validation criteria: minimum distance (mm)	8.00
Vertical validation criteria: SAR ratio M2/M1 (%)	42.66

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	1.200	0.675	0.288	0.143	0.081	0.055	0.044	0.036	0.031	0.049	0.028	0.028



F. 3D Image

3D screen shot	Hot spot position
	

21# SAR Measurement at U-NII-2a (Body, Validation Plane)
Date of measurement: 22/4/2025

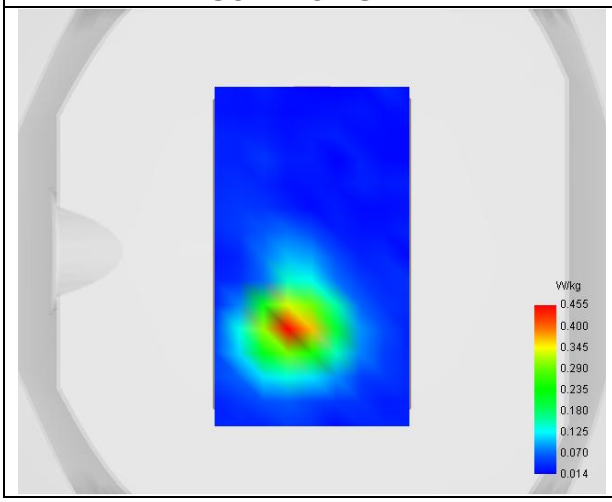
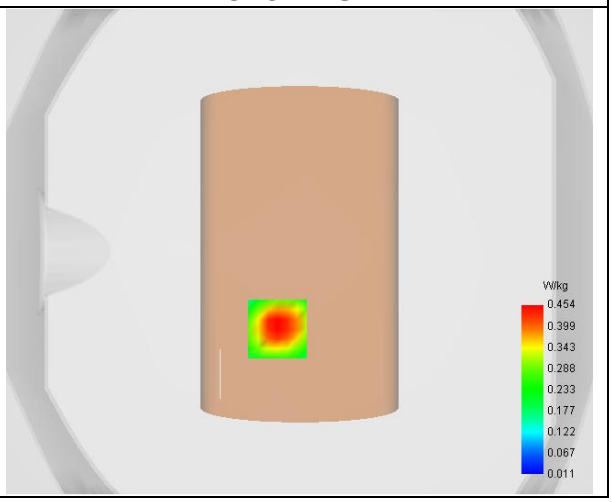
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	1.97
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-2a
Signal	IEEE 802.11 ax
Channels/Frequency	Middle (56)/ frequency 5280.00 Mhz

B. Permitivity

Middle TX Frequency (MHz)	5280.00
Relative permitivity (real part)	35.86
Relative permitivity (imaginary part)	16.46
Conductivity (S/m)	4.83

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

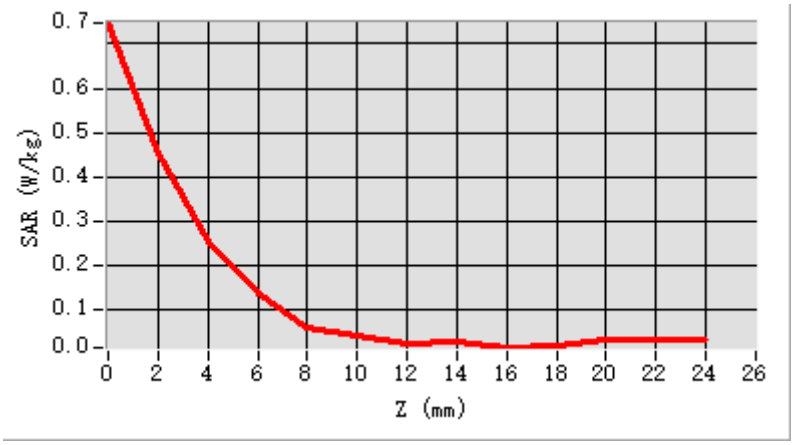
Maximum location: X=-9.00, Y=-32.00 ; SAR Peak: 0.79 W/kg

D. SAR 1g & 10g

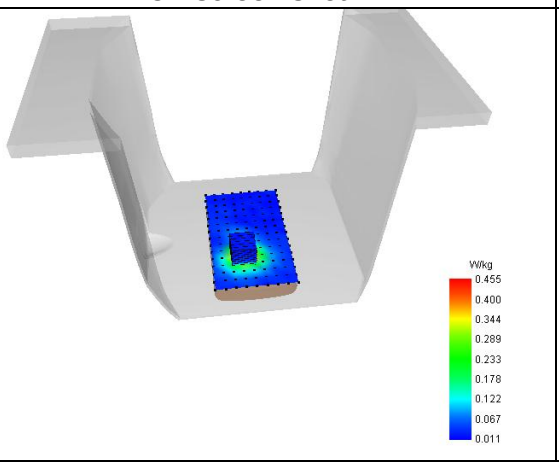
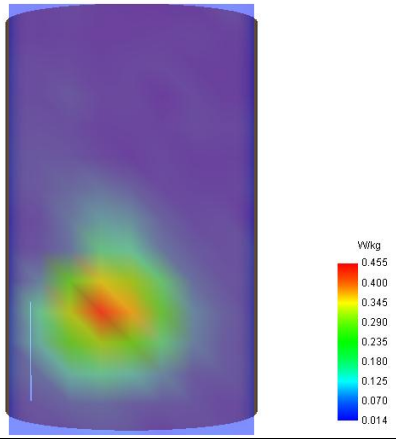
SAR 10g (W/Kg)	0.110
SAR 1g (W/Kg)	0.267
Variation (%)	-0.90
Horizontal validation criteria: minimum distance (mm)	14.42
Vertical validation criteria: SAR ratio M2/M1 (%)	55.67

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	0.747	0.454	0.253	0.138	0.061	0.041	0.025	0.031	0.016	0.020	0.032	0.032



F. 3D Image

3D screen shot	Hot spot position
	

22# SAR Measurement at U-NII-2a (Body, Validation Plane)
Date of measurement: 22/4/2025

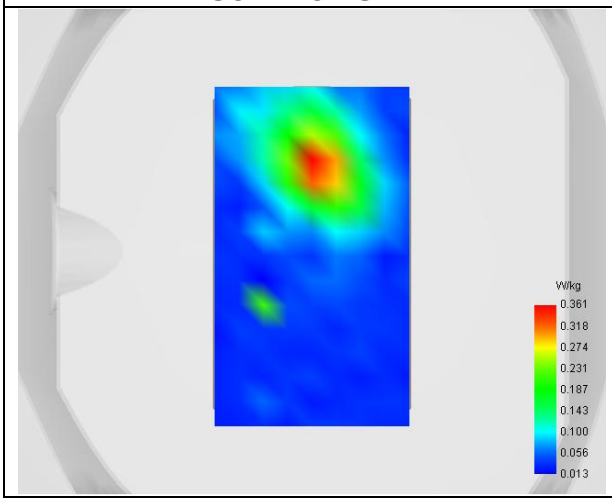
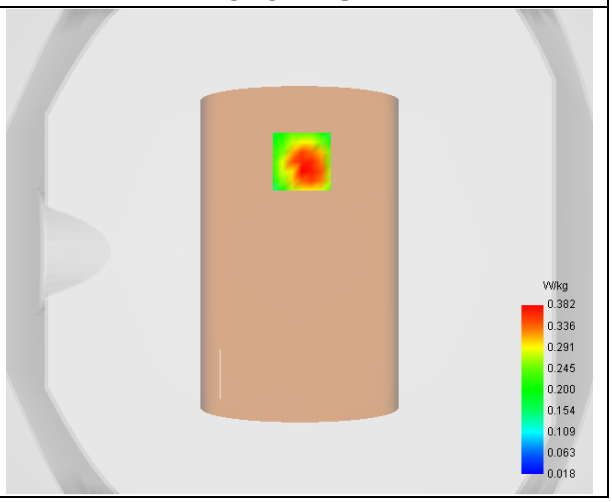
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	1.97
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-2a
Signal	IEEE 802.11 a
Channels/Frequency	Middle (56)/ frequency 5280.00 Mhz

B. Permitivity

Middle TX Frequency (MHz)	5280.00
Relative permitivity (real part)	35.86
Relative permitivity (imaginary part)	16.46
Conductivity (S/m)	4.83

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

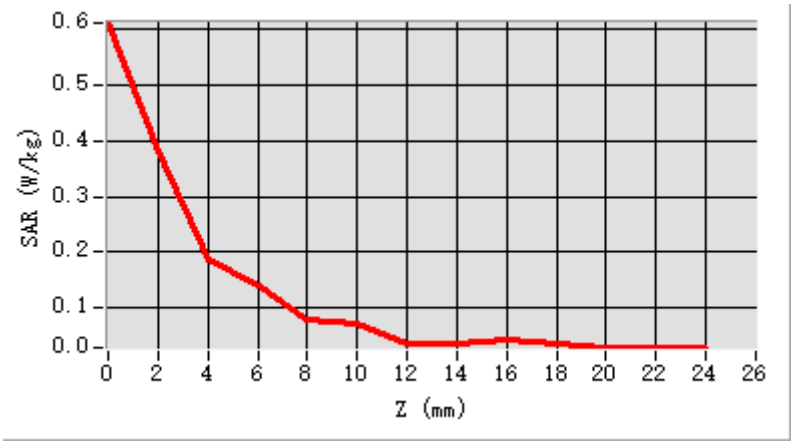
Maximum location: X=1.00, Y=37.00 ; SAR Peak: 0.72 W/kg

D. SAR 1g & 10g

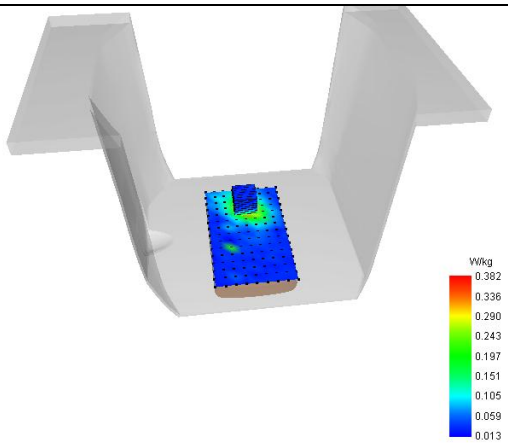
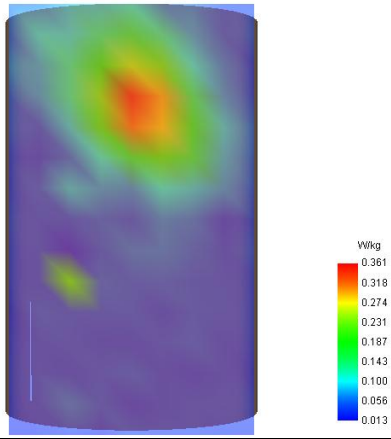
SAR 10g (W/Kg)	0.111
SAR 1g (W/Kg)	0.257
Variation (%)	-2.05
Horizontal validation criteria: minimum distance (mm)	12.65
Vertical validation criteria: SAR ratio M2/M1 (%)	55.09

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	0.609	0.382	0.188	0.142	0.082	0.072	0.038	0.038	0.045	0.036	0.030	0.030



F. 3D Image

3D screen shot	Hot spot position
	

23# SAR Measurement at U-NII-2c (Cheek, Left)
Date of measurement: 23/4/2025

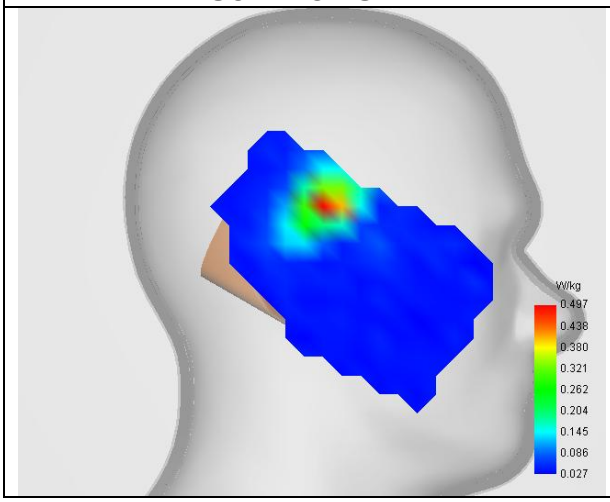
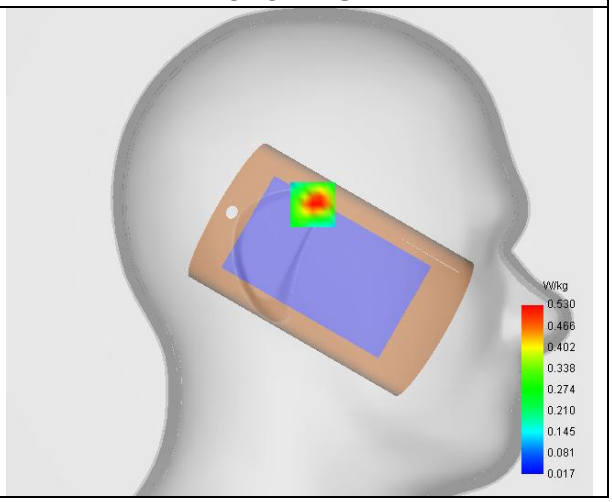
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	1.88
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-2c
Signal	IEEE 802.11 n
Channels/Frequency	Middle (120)/ frequency 5600.00 Mhz

B. Permitivity

Middle TX Frequency (MHz)	5600.00
Relative permitivity (real part)	35.92
Relative permitivity (imaginary part)	16.30
Conductivity (S/m)	5.07

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

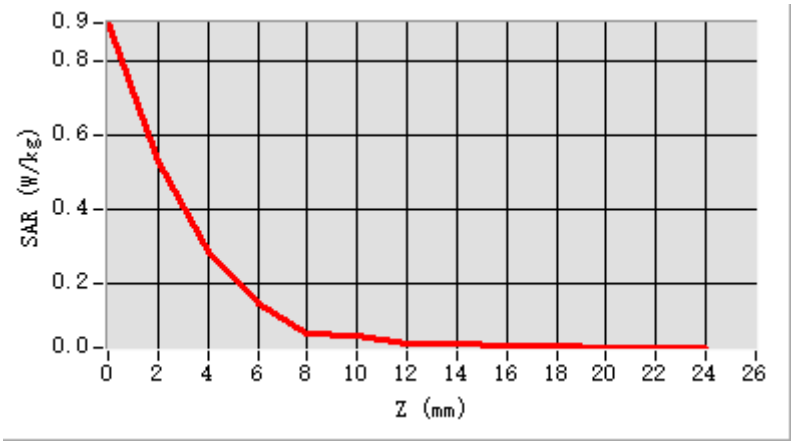
Maximum location: X=-7.00, Y=25.00 ; SAR Peak: 1.28 W/kg

D. SAR 1g & 10g

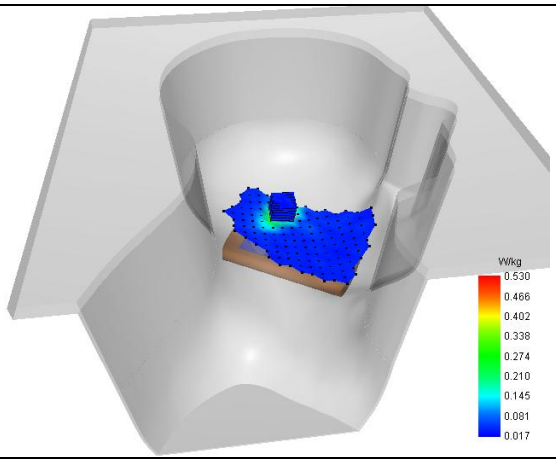
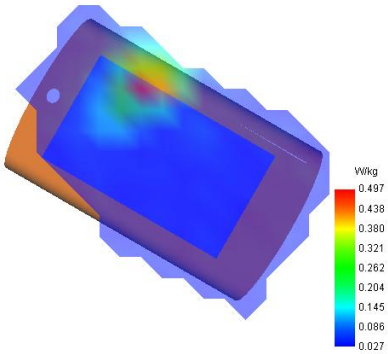
SAR 10g (W/Kg)	0.188
SAR 1g (W/Kg)	0.493
Variation (%)	-1.69
Horizontal validation criteria: minimum distance (mm)	8.94
Vertical validation criteria: SAR ratio M2/M1 (%)	53.95

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	0.902	0.530	0.286	0.148	0.065	0.060	0.037	0.036	0.033	0.030	0.029	0.027



F. 3D Image

3D screen shot	Hot spot position
	

24# SAR Measurement at U-NII-2c (Cheek, Left)
Date of measurement: 23/4/2025

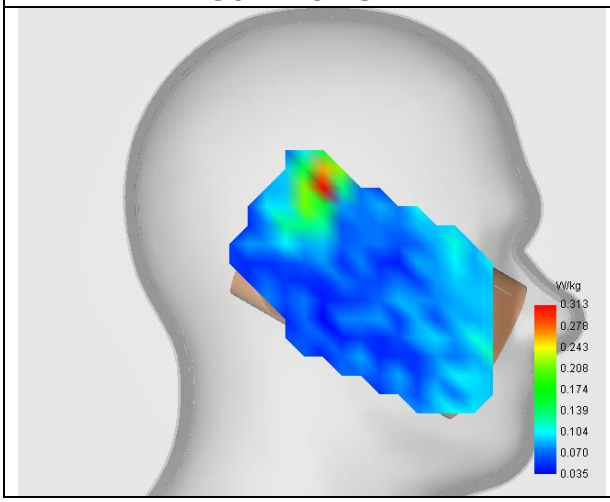
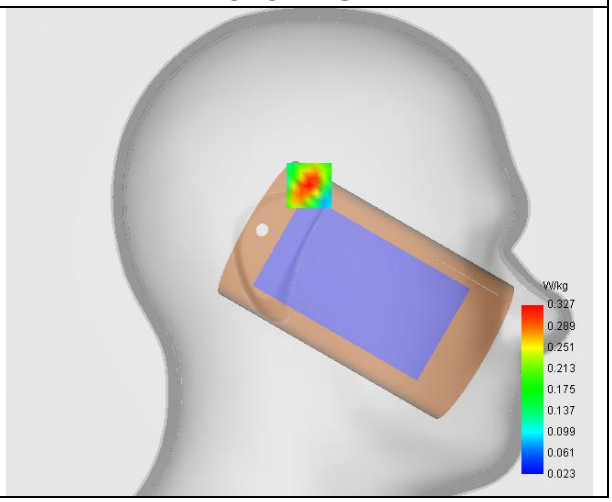
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	1.88
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-2c
Signal	IEEE 802.11 a
Channels/Frequency	Middle (120)/ frequency 5600.00 Mhz

B. Permitivity

Middle TX Frequency (MHz)	5600.00
Relative permitivity (real part)	35.92
Relative permitivity (imaginary part)	16.30
Conductivity (S/m)	5.07

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

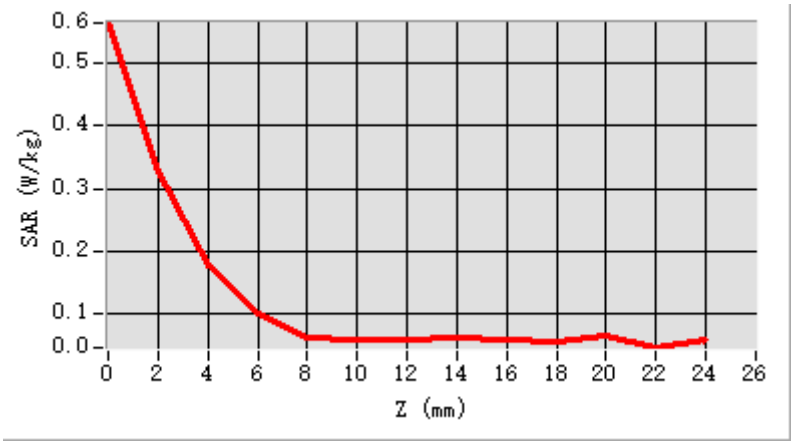
Maximum location: X=-5.00, Y=35.00 ; SAR Peak: 1.04 W/kg

D. SAR 1g & 10g

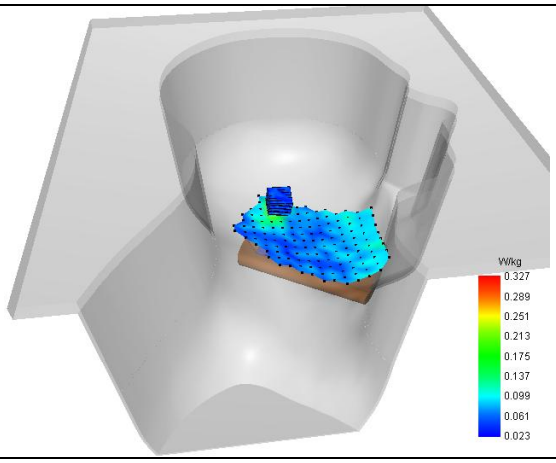
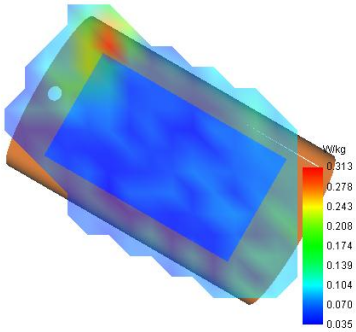
SAR 10g (W/Kg)	0.138
SAR 1g (W/Kg)	0.338
Variation (%)	-2.66
Horizontal validation criteria: minimum distance (mm)	8.94
Vertical validation criteria: SAR ratio M2/M1 (%)	54.23

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	0.563	0.327	0.177	0.100	0.063	0.061	0.061	0.064	0.059	0.057	0.065	0.047



F. 3D Image

3D screen shot	Hot spot position
	

25# SAR Measurement at U-NII-2c (Cheek, Left)
Date of measurement: 23/4/2025

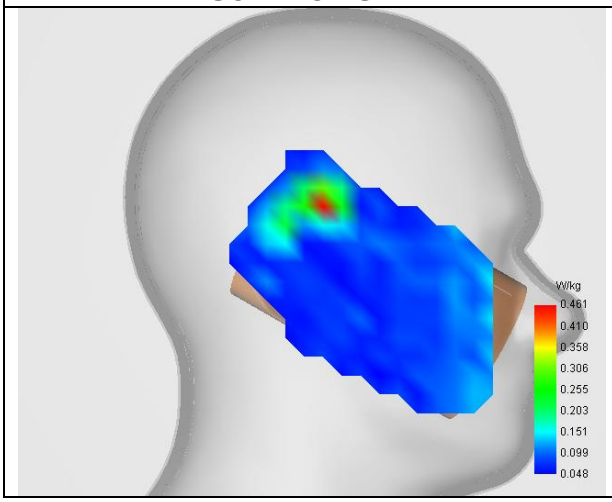
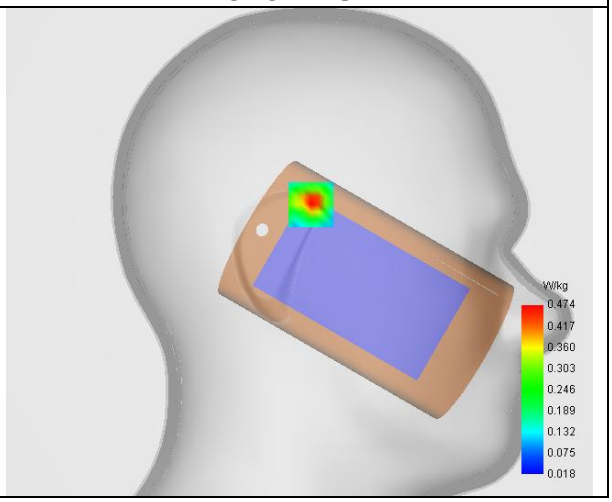
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	1.88
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-2c
Signal	IEEE 802.11 a
Channels/Frequency	Middle (120)/ frequency 5600.00 Mhz

B. Permitivity

Middle TX Frequency (MHz)	5600.00
Relative permitivity (real part)	35.92
Relative permitivity (imaginary part)	16.30
Conductivity (S/m)	5.07

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

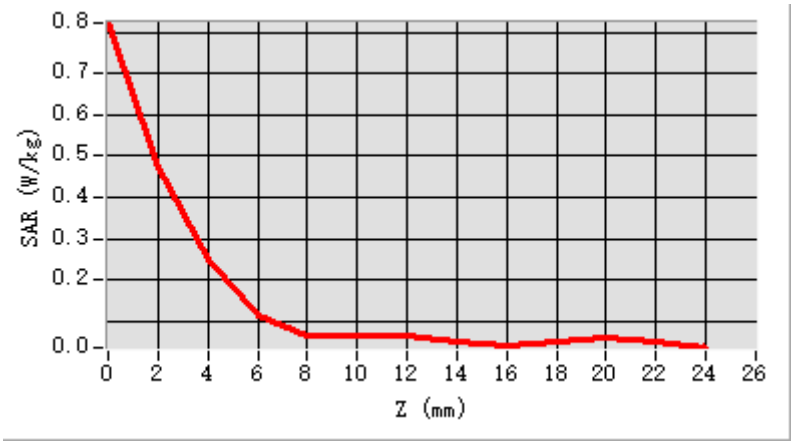
Maximum location: X=-6.00, Y=25.00 ; SAR Peak: 1.26 W/kg

D. SAR 1g & 10g

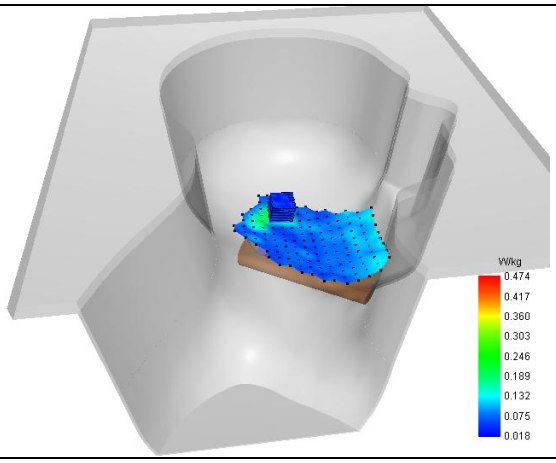
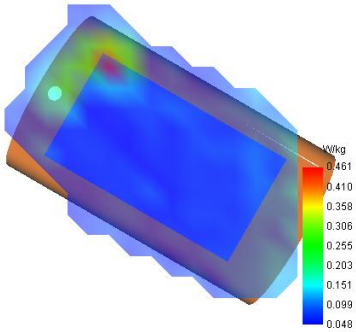
SAR 10g (W/Kg)	0.151
SAR 1g (W/Kg)	0.417
Variation (%)	-1.06
Horizontal validation criteria: minimum distance (mm)	8.00
Vertical validation criteria: SAR ratio M2/M1 (%)	52.32

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	0.822	0.474	0.247	0.111	0.066	0.063	0.066	0.052	0.040	0.049	0.061	0.050



F. 3D Image

3D screen shot	Hot spot position
	

26# SAR Measurement at U-NII-2c (Body, Validation Plane)
Date of measurement: 23/4/2025

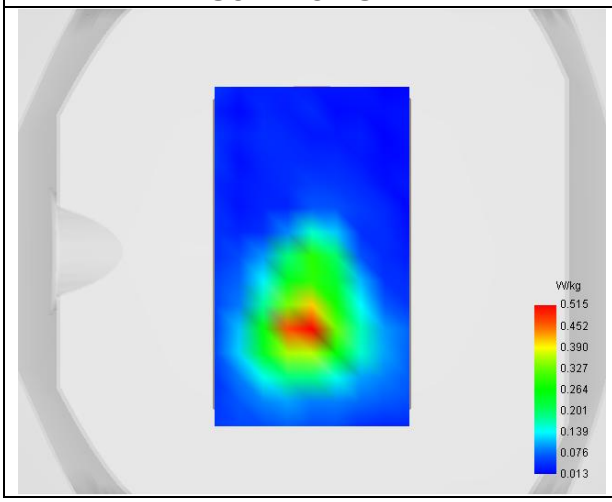
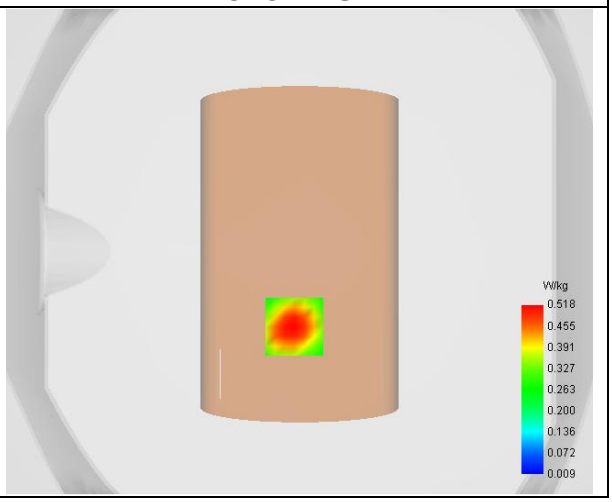
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	1.88
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-2c
Signal	IEEE 802.11 a
Channels/Frequency	Middle (120)/ frequency 5600.00 Mhz

B. Permitivity

Middle TX Frequency (MHz)	5600.00
Relative permitivity (real part)	35.92
Relative permitivity (imaginary part)	16.30
Conductivity (S/m)	5.07

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

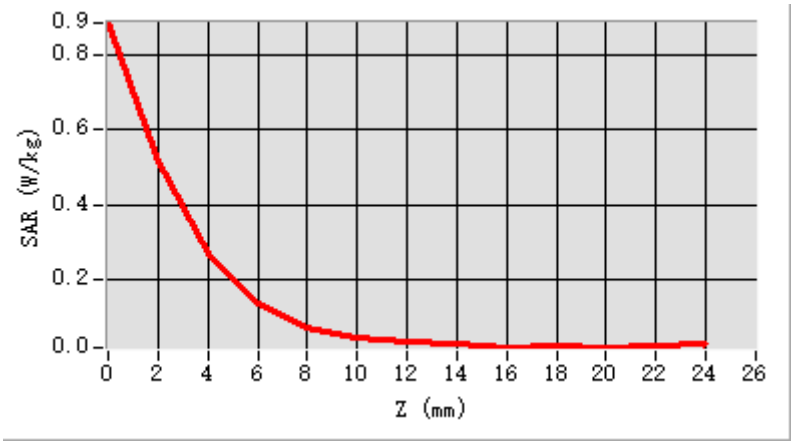
Maximum location: X=-2.00, Y=-31.00 ; SAR Peak: 0.90 W/kg

D. SAR 1g & 10g

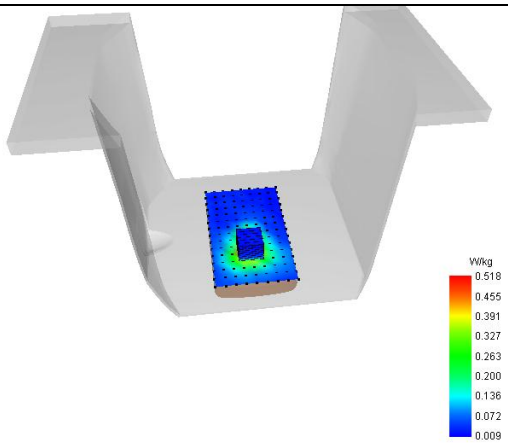
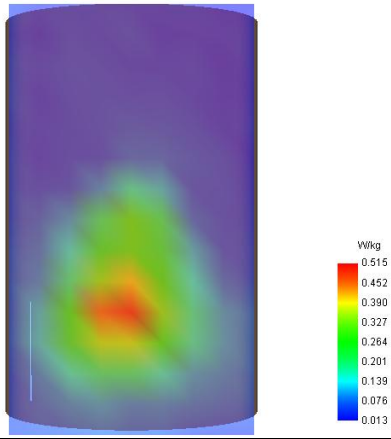
SAR 10g (W/Kg)	0.129
SAR 1g (W/Kg)	0.304
Variation (%)	-3.81
Horizontal validation criteria: minimum distance (mm)	16.97
Vertical validation criteria: SAR ratio M2/M1 (%)	52.10

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	0.886	0.518	0.269	0.135	0.070	0.044	0.035	0.031	0.018	0.024	0.018	0.025



F. 3D Image

3D screen shot	Hot spot position
	

27# SAR Measurement at U-NII-2c (Body, Validation Plane)
Date of measurement: 23/4/2025

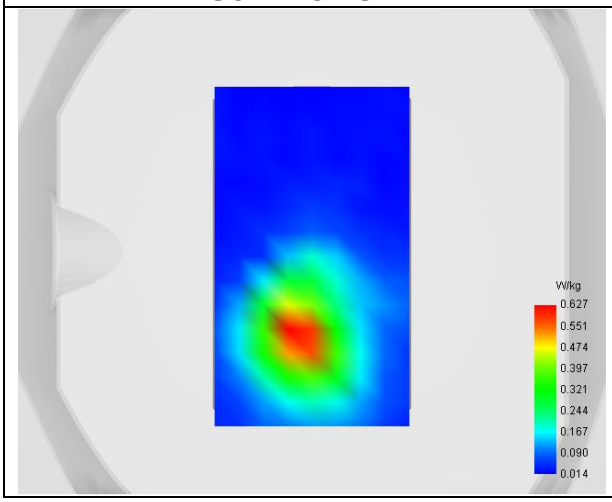
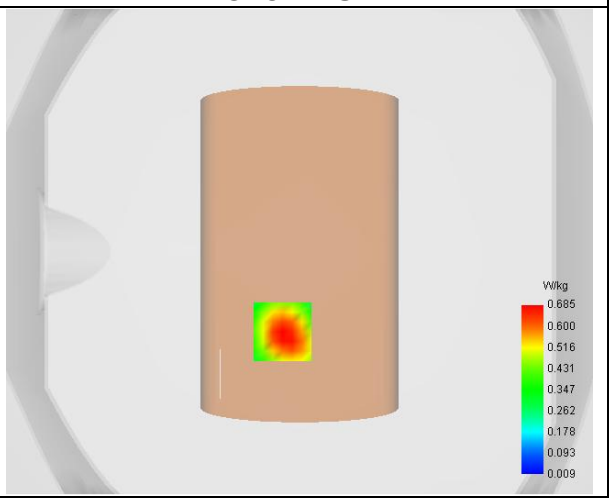
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	1.88
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-2c
Signal	IEEE 802.11 n
Channels/Frequency	Middle (120)/ frequency 5600.00 Mhz

B. Permitivity

Middle TX Frequency (MHz)	5600.00
Relative permitivity (real part)	35.92
Relative permitivity (imaginary part)	16.30
Conductivity (S/m)	5.07

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

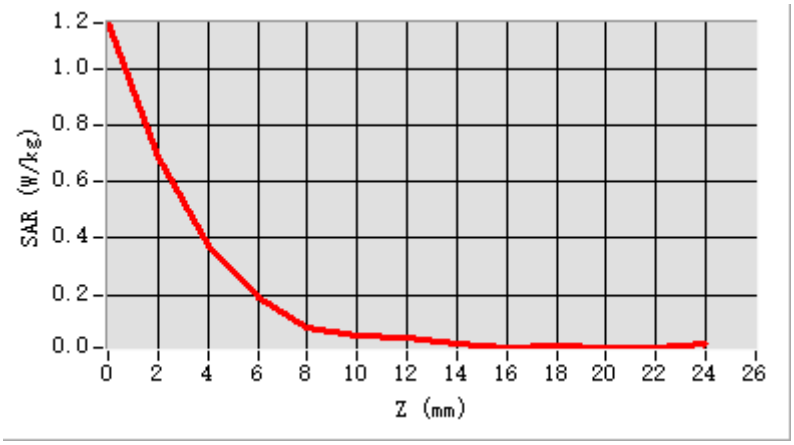
Maximum location: X=-7.00, Y=-33.00 ; SAR Peak: 1.12 W/kg

D. SAR 1g & 10g

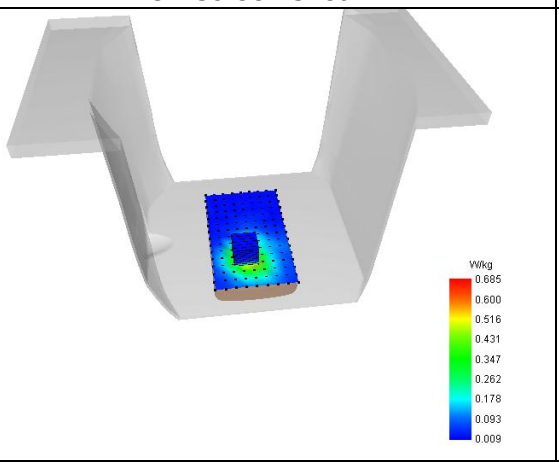
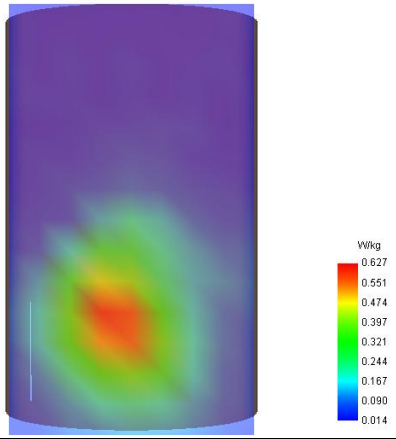
SAR 10g (W/Kg)	0.164
SAR 1g (W/Kg)	0.403
Variation (%)	0.82
Horizontal validation criteria: minimum distance (mm)	16.97
Vertical validation criteria: SAR ratio M2/M1 (%)	54.23

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	1.161	0.685	0.371	0.192	0.085	0.056	0.046	0.028	0.017	0.022	0.014	0.016



F. 3D Image

3D screen shot	Hot spot position
	

28# SAR Measurement at U-NII-2c (Body, Validation Plane)
Date of measurement: 23/4/2025

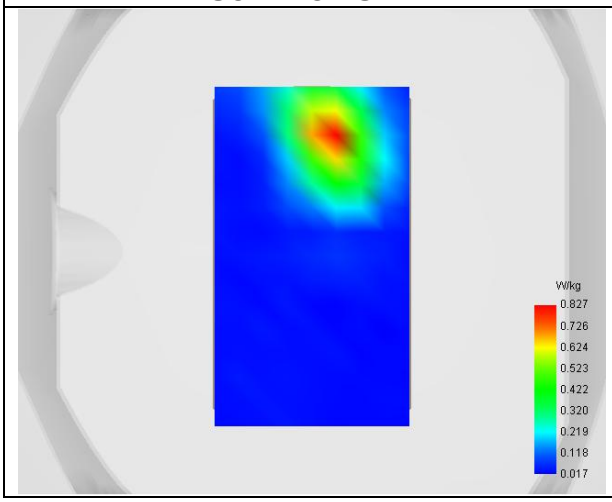
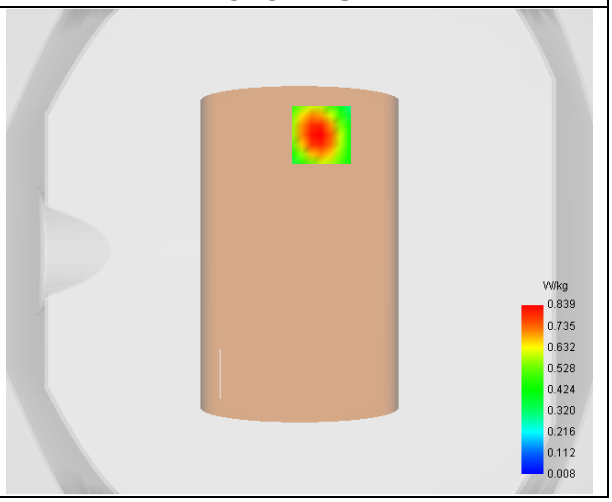
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	1.88
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-2c
Signal	IEEE 802.11 a
Channels/Frequency	Middle (120)/ frequency 5600.00 Mhz

B. Permitivity

Middle TX Frequency (MHz)	5600.00
Relative permitivity (real part)	35.92
Relative permitivity (imaginary part)	16.30
Conductivity (S/m)	5.07

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

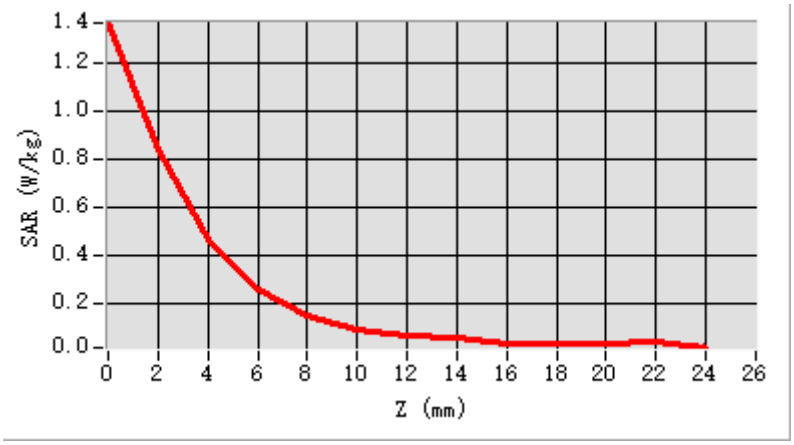
Maximum location: X=9.00, Y=48.00 ; SAR Peak: 1.42 W/kg

D. SAR 1g & 10g

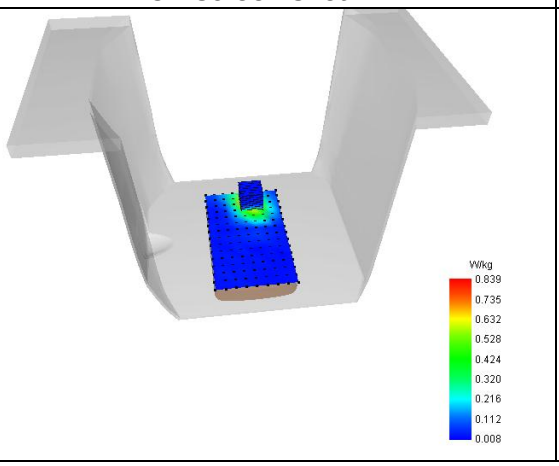
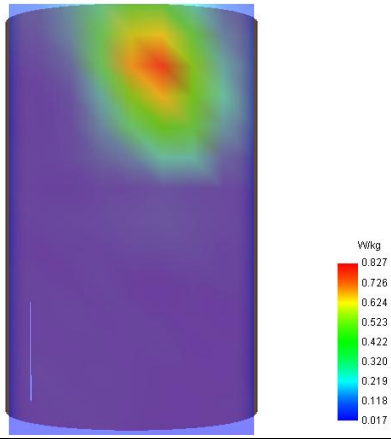
SAR 10g (W/Kg)	0.216
SAR 1g (W/Kg)	0.518
Variation (%)	1.03
Horizontal validation criteria: minimum distance (mm)	12.65
Vertical validation criteria: SAR ratio M2/M1 (%)	54.99

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	1.368	0.839	0.462	0.254	0.146	0.091	0.061	0.052	0.032	0.034	0.031	0.035



F. 3D Image

3D screen shot	Hot spot position
	

29# SAR Measurement at U-NII-3 (Cheek, Left)
Date of measurement: 24/4/2025

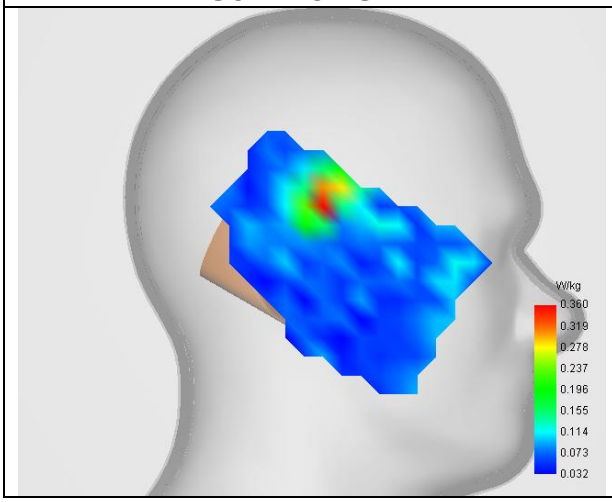
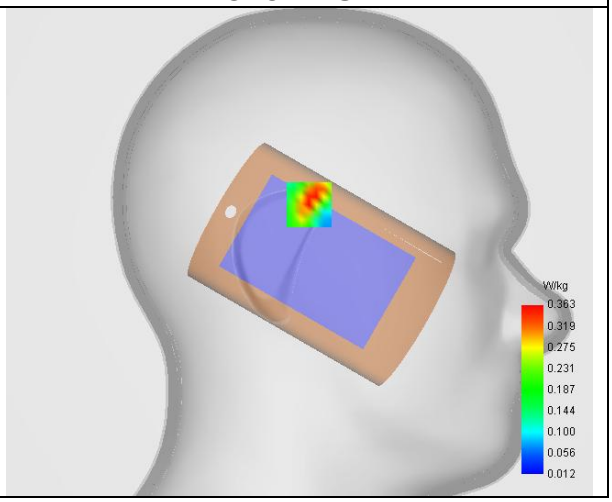
A. Experimental conditions.

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 (157)/ frequency 5785.00 Mhz

B. Permitivity

Middle TX Frequency (MHz)	5785.00
Relative permitivity (real part)	35.39
Relative permitivity (imaginary part)	16.40
Conductivity (S/m)	5.27

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

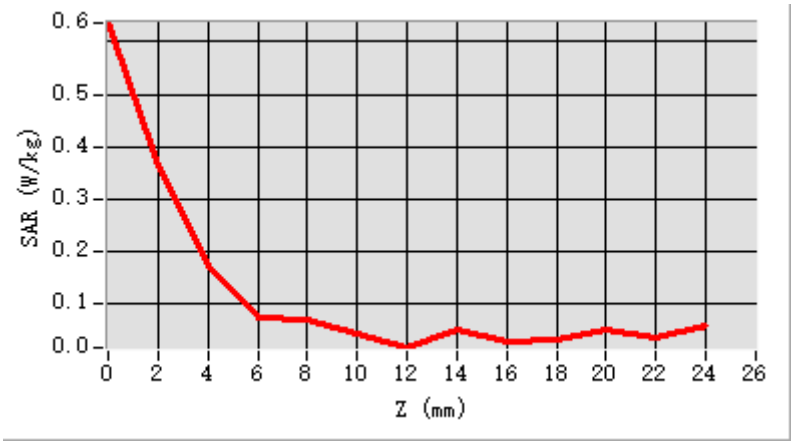
Maximum location: X=-5.00, Y=25.00 ; SAR Peak: 1.11 W/kg

D. SAR 1g & 10g

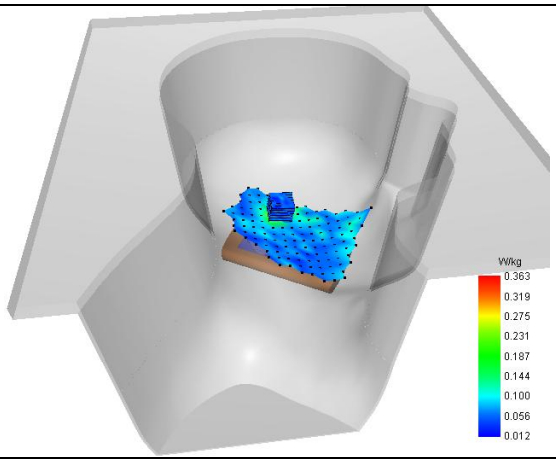
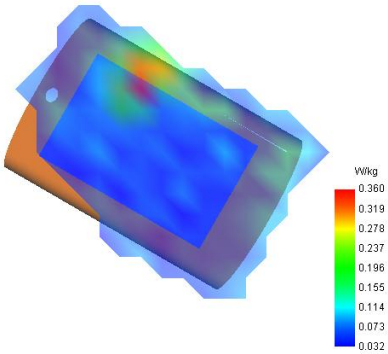
SAR 10g (W/Kg)	0.148
SAR 1g (W/Kg)	0.373
Variation (%)	-1.72
Horizontal validation criteria: minimum distance (mm)	8.94
Vertical validation criteria: SAR ratio M2/M1 (%)	51.01

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	0.636	0.363	0.172	0.073	0.069	0.042	0.016	0.051	0.026	0.031	0.050	0.035



F. 3D Image

3D screen shot	Hot spot position
	

30# SAR Measurement at U-NII-3 (Cheek, Left)
Date of measurement: 24/4/2025

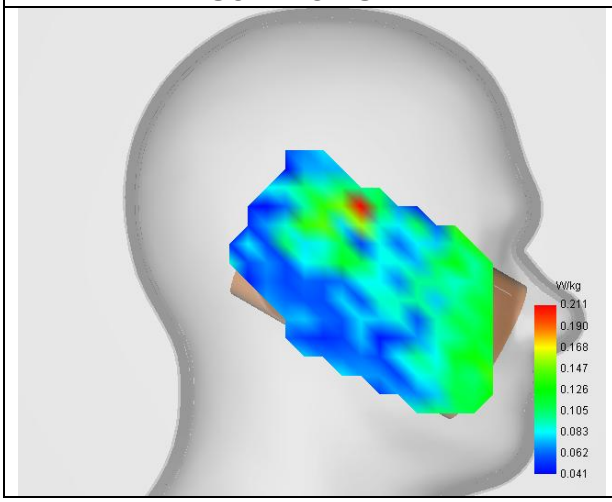
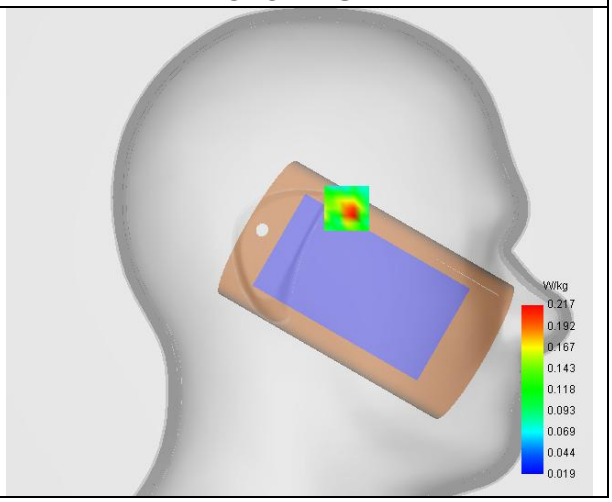
A. Experimental conditions.

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 (157)/ frequency 5785.00 Mhz

B. Permitivity

Middle TX Frequency (MHz)	5785.00
Relative permitivity (real part)	35.39
Relative permitivity (imaginary part)	16.40
Conductivity (S/m)	5.27

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

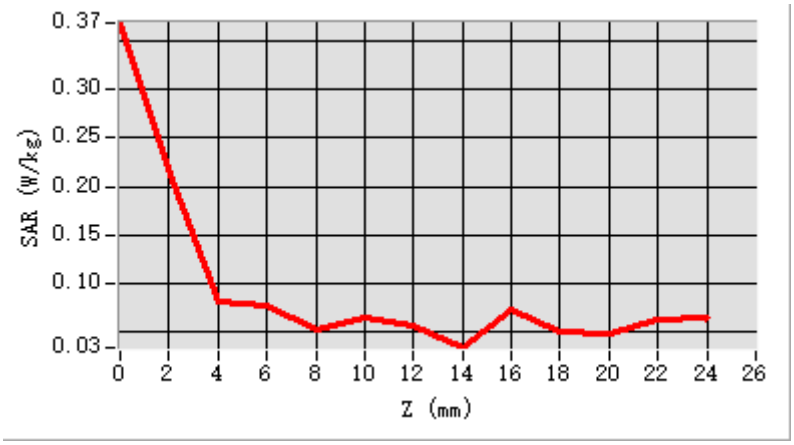
Maximum location: X=-25.00, Y=23.00 ; SAR Peak: 0.76 W/kg

D. SAR 1g & 10g

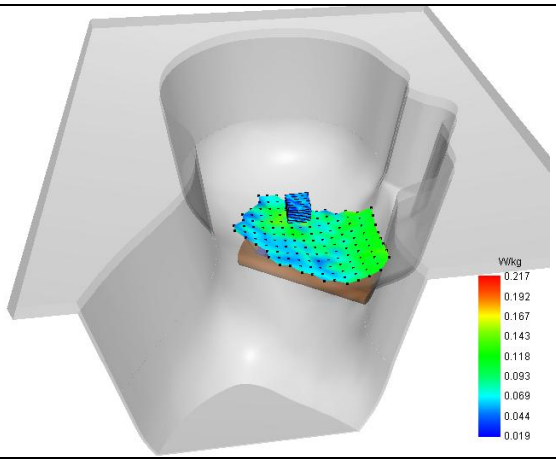
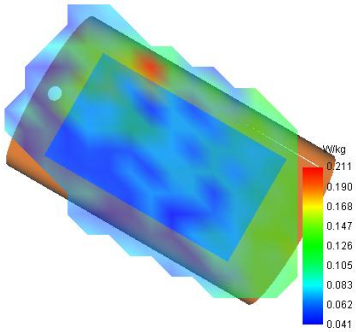
SAR 10g (W/Kg)	0.087
SAR 1g (W/Kg)	0.222
Variation (%)	-3.67
Horizontal validation criteria: minimum distance (mm)	8.00
Vertical validation criteria: SAR ratio M2/M1 (%)	52.69

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	0.369	0.217	0.080	0.076	0.053	0.065	0.057	0.033	0.073	0.049	0.048	0.062



F. 3D Image

3D screen shot	Hot spot position
	

31# SAR Measurement at U-NII-3 (Cheek, Left)
Date of measurement: 24/4/2025

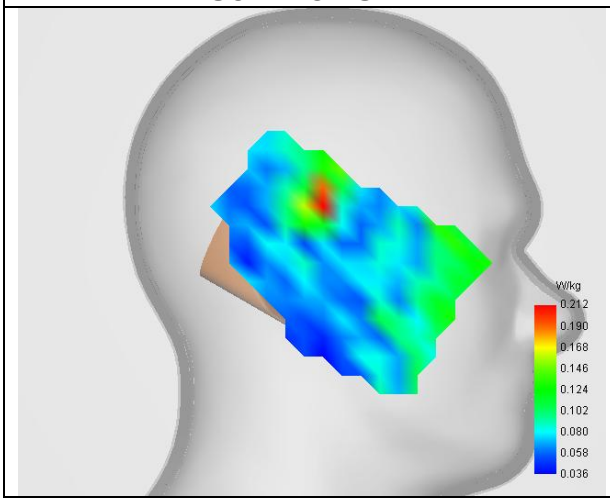
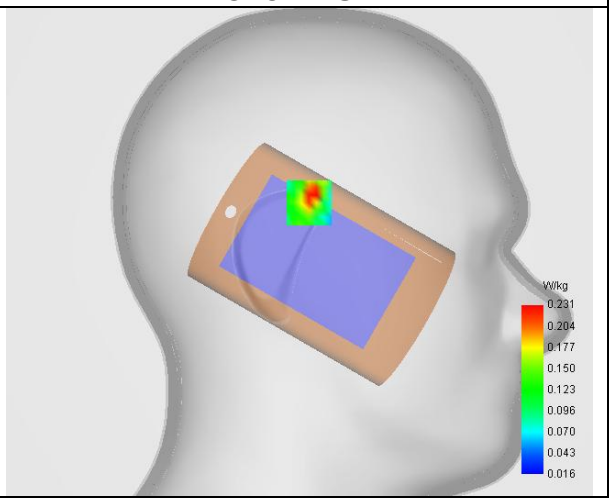
A. Experimental conditions.

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 (157)/ frequency 5785.00 Mhz

B. Permitivity

Middle TX Frequency (MHz)	5785.00
Relative permitivity (real part)	35.39
Relative permitivity (imaginary part)	16.40
Conductivity (S/m)	5.27

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

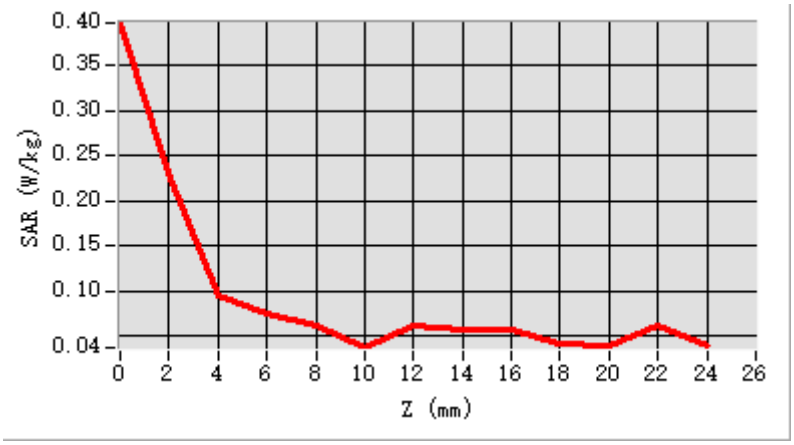
Maximum location: X=-5.00, Y=26.00 ; SAR Peak: 0.64 W/kg

D. SAR 1g & 10g

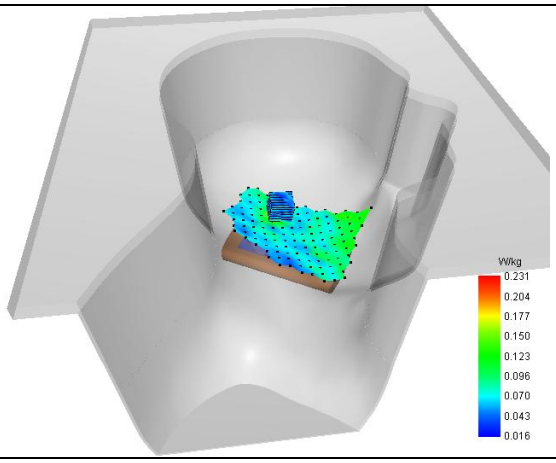
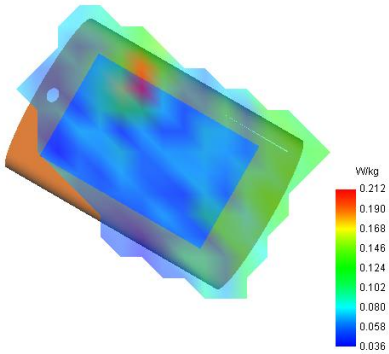
SAR 10g (W/Kg)	0.086
SAR 1g (W/Kg)	0.226
Variation (%)	-2.60
Horizontal validation criteria: minimum distance (mm)	5.66
Vertical validation criteria: SAR ratio M2/M1 (%)	56.84

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	0.398	0.231	0.094	0.074	0.061	0.037	0.061	0.057	0.056	0.041	0.038	0.061



F. 3D Image

3D screen shot	Hot spot position
	

32# SAR Measurement at U-NII-3 (Body, Validation Plane)
Date of measurement: 24/4/2025

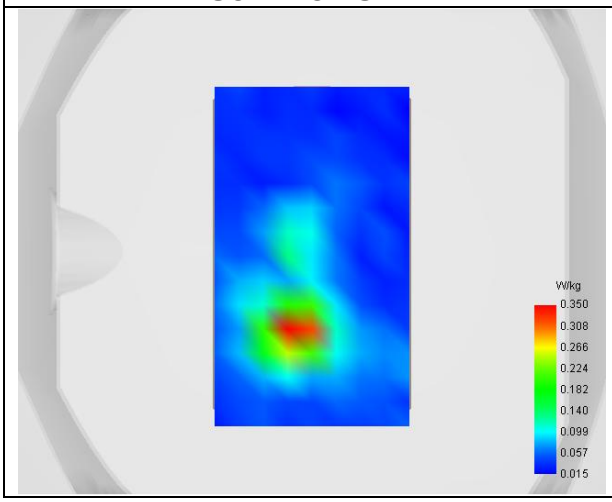
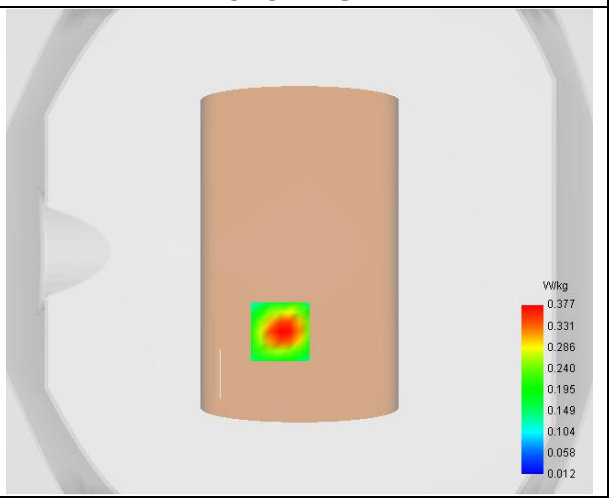
A. Experimental conditions.

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 (157)/ frequency 5785.00 Mhz

B. Permitivity

Middle TX Frequency (MHz)	5785.00
Relative permitivity (real part)	35.39
Relative permitivity (imaginary part)	16.40
Conductivity (S/m)	5.27

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

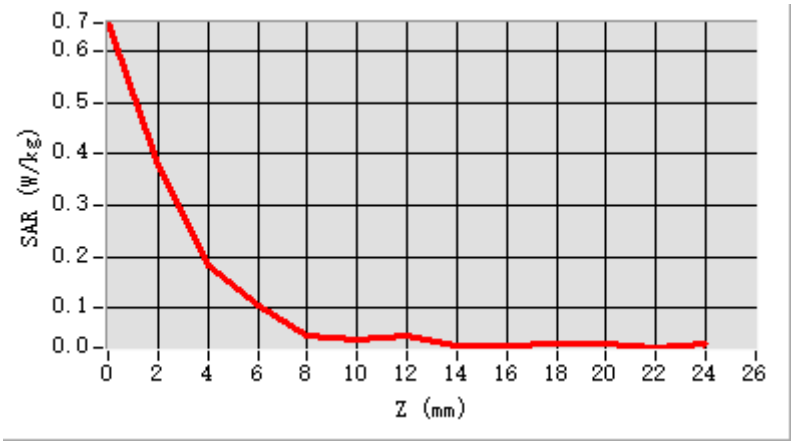
Maximum location: X=-8.00, Y=-33.00 ; SAR Peak: 0.69 W/kg

D. SAR 1g & 10g

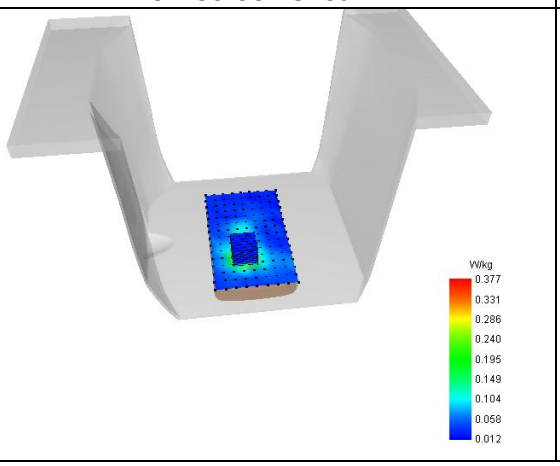
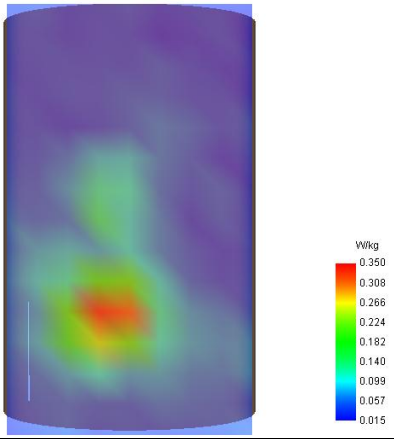
SAR 10g (W/Kg)	0.096
SAR 1g (W/Kg)	0.226
Variation (%)	-4.82
Horizontal validation criteria: minimum distance (mm)	12.00
Vertical validation criteria: SAR ratio M2/M1 (%)	51.97

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	0.654	0.377	0.182	0.104	0.046	0.037	0.046	0.026	0.028	0.031	0.031	0.023



F. 3D Image

3D screen shot	Hot spot position
	

33# SAR Measurement at U-NII-3 (Body, Validation Plane)
Date of measurement: 24/4/2025

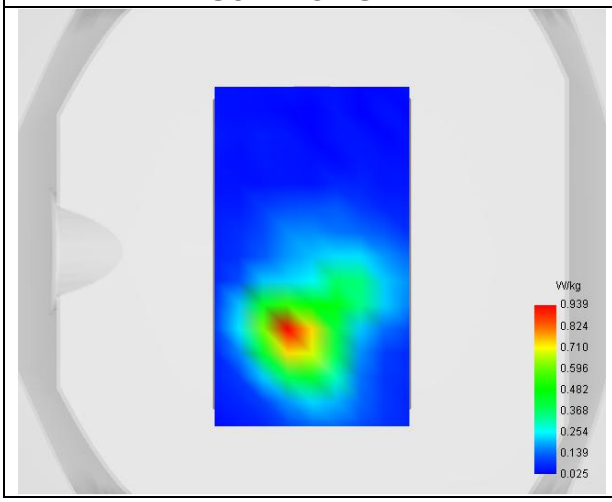
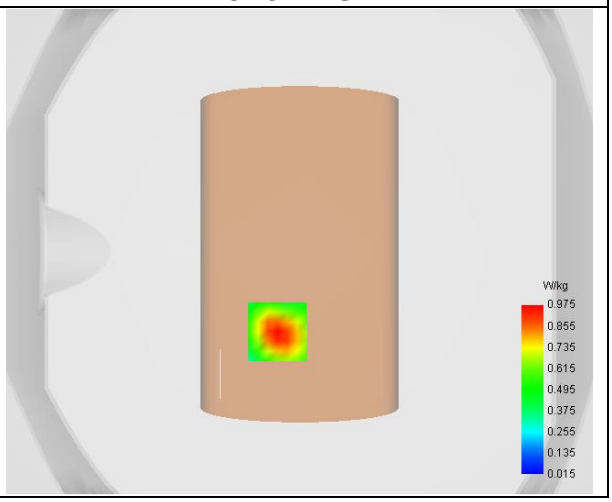
A. Experimental conditions.

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 (157)/ frequency 5785.00 Mhz

B. Permitivity

Middle TX Frequency (MHz)	5785.00
Relative permitivity (real part)	35.39
Relative permitivity (imaginary part)	16.40
Conductivity (S/m)	5.27

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

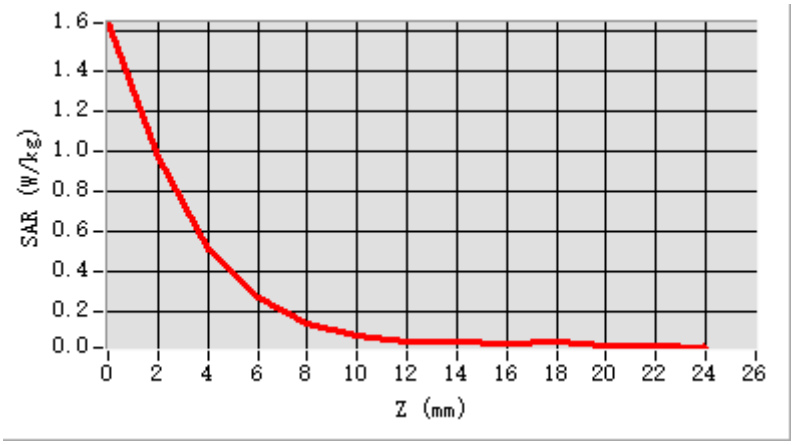
Maximum location: X=-9.00, Y=-33.00 ; SAR Peak: 1.70 W/kg

D. SAR 1g & 10g

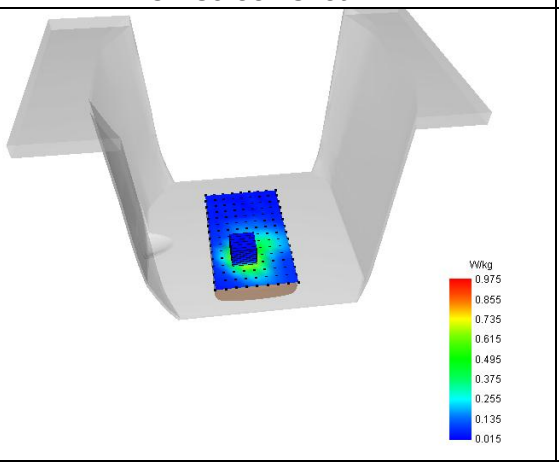
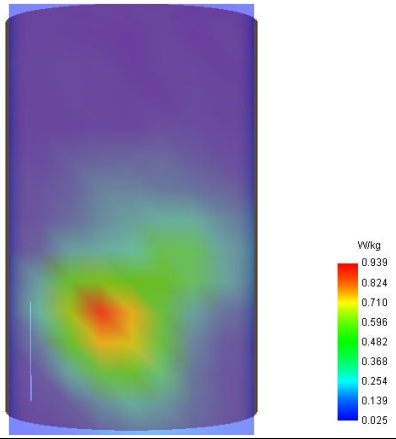
SAR 10g (W/Kg)	0.234
SAR 1g (W/Kg)	0.566
Variation (%)	-2.18
Horizontal validation criteria: minimum distance (mm)	12.65
Vertical validation criteria: SAR ratio M2/M1 (%)	52.21

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	1.643	0.975	0.509	0.268	0.138	0.084	0.052	0.050	0.042	0.045	0.031	0.026



F. 3D Image

3D screen shot	Hot spot position
	

34# SAR Measurement at U-NII-3 (Body, Validation Plane)
Date of measurement: 24/4/2025

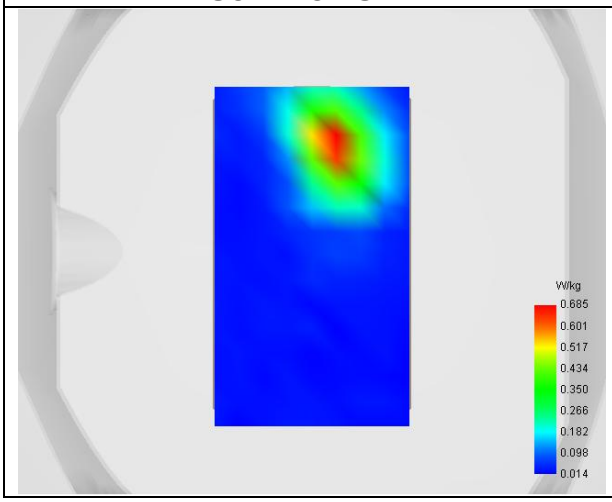
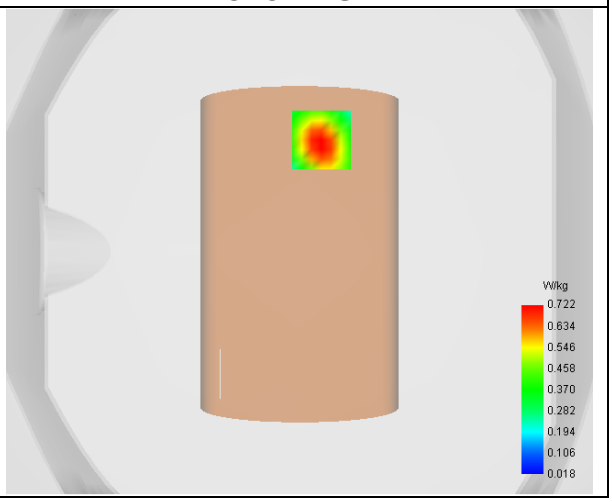
A. Experimental conditions.

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 (157)/ frequency 5785.00 Mhz

B. Permitivity

Middle TX Frequency (MHz)	5785.00
Relative permitivity (real part)	35.39
Relative permitivity (imaginary part)	16.40
Conductivity (S/m)	5.27

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

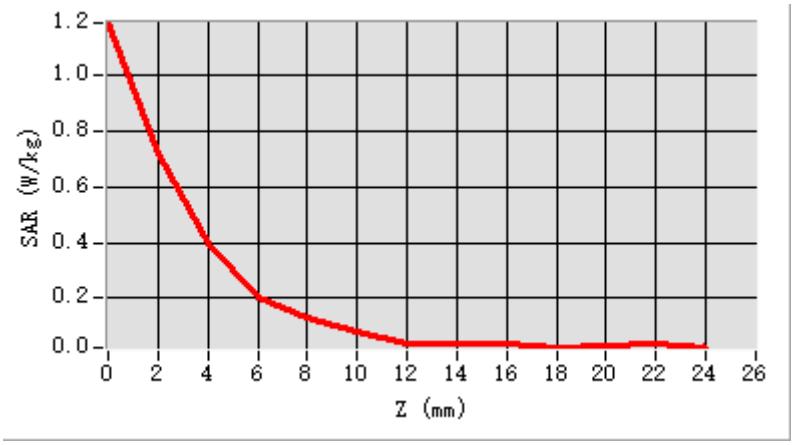
Maximum location: X=9.00, Y=46.00 ; SAR Peak: 1.25 W/kg

D. SAR 1g & 10g

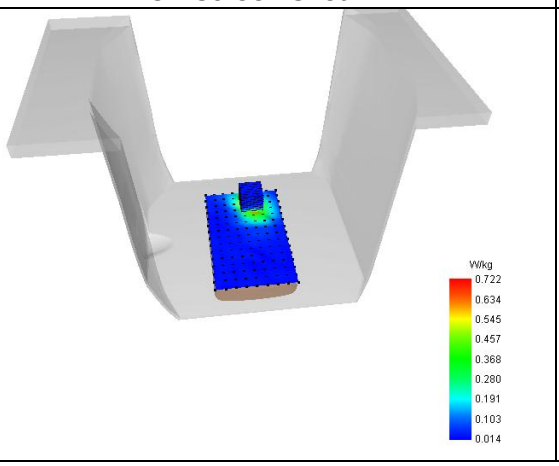
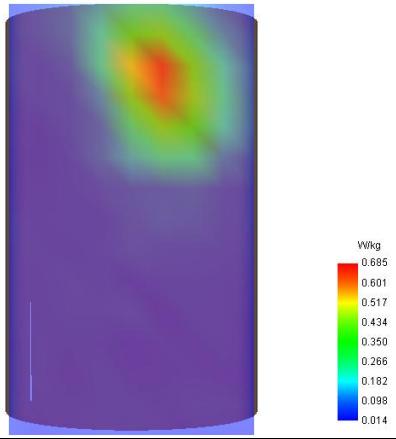
SAR 10g (W/Kg)	0.179
SAR 1g (W/Kg)	0.439
Variation (%)	-1.80
Horizontal validation criteria: minimum distance (mm)	12.65
Vertical validation criteria: SAR ratio M2/M1 (%)	55.46

E. Z Axis Scan

Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00
SAR (W/Kg)	1.184	0.722	0.396	0.206	0.128	0.079	0.040	0.041	0.040	0.025	0.032	0.039



F. 3D Image

3D screen shot	Hot spot position
	

35# SAR Measurement at ISM (Cheek, Left)
Date of measurement: 17/4/2025

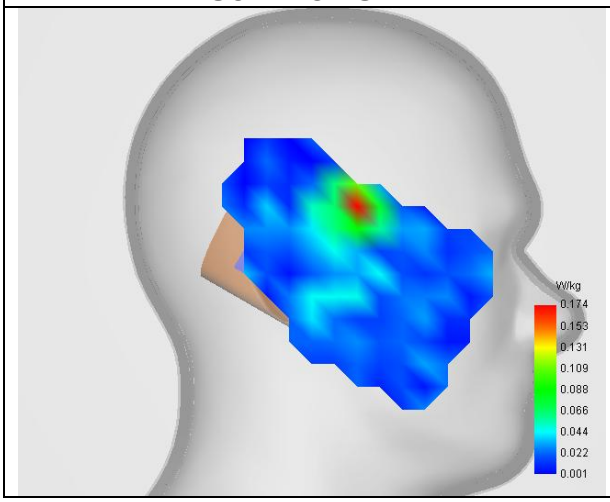
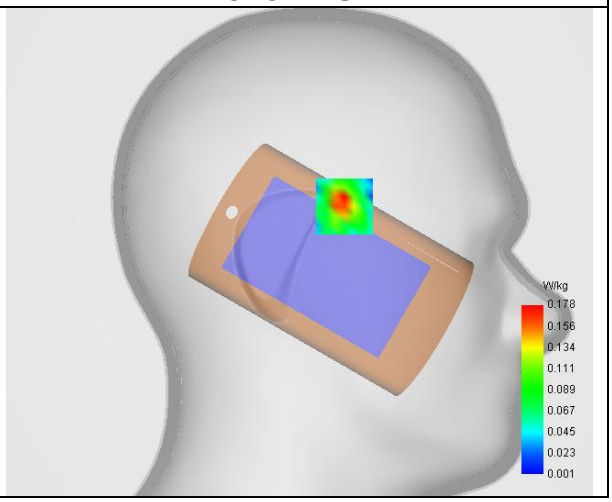
A. Experimental conditions.

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. Permitivity

Middle TX Frequency (MHz)	2437.00
Relative permitivity (real part)	38.62
Relative permitivity (imaginary part)	13.24
Conductivity (S/m)	1.79

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

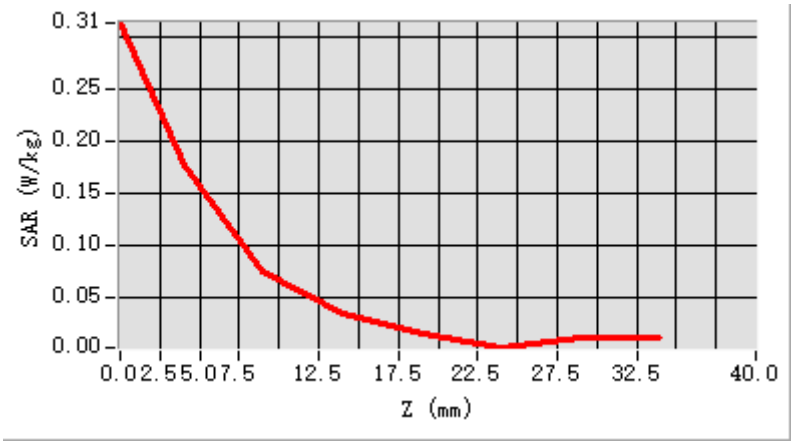
Maximum location: X=-24.00, Y=24.00 ; SAR Peak: 0.35 W/kg

D. SAR 1g & 10g

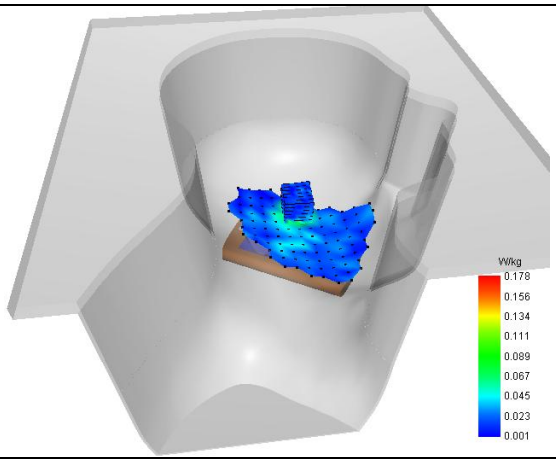
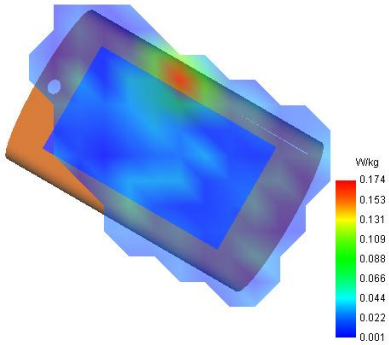
SAR 10g (W/Kg)	0.065
SAR 1g (W/Kg)	0.148
Variation (%)	1.04
Horizontal validation criteria: minimum distance (mm)	7.07
Vertical validation criteria: SAR ratio M2/M1 (%)	50.83

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.314	0.178	0.076	0.035	0.016	0.003	0.012



F. 3D Image

3D screen shot	Hot spot position
	

36# SAR Measurement at ISM (Cheek, Left)
Date of measurement: 17/4/2025

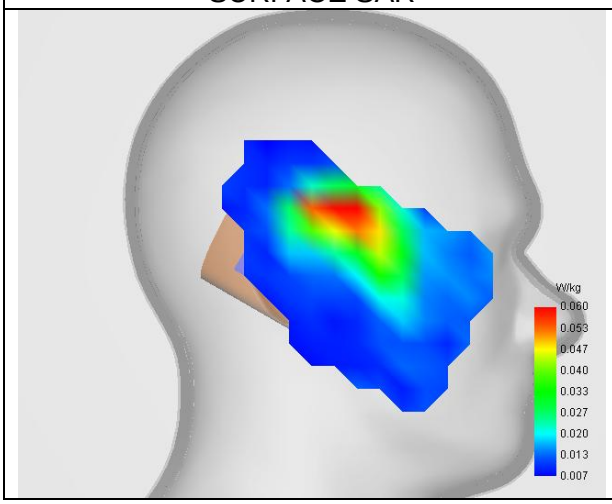
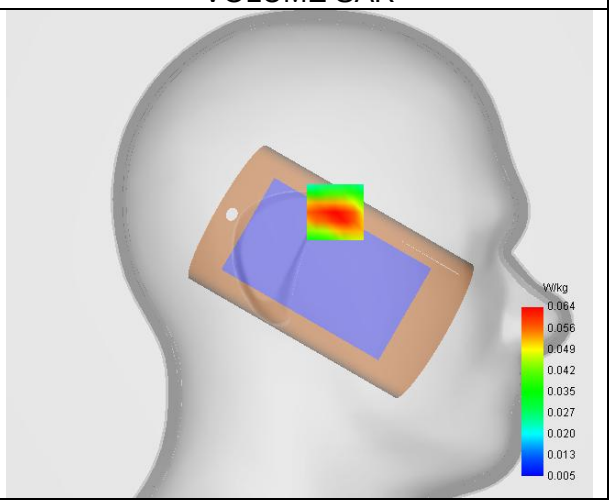
A. Experimental conditions.

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. Permitivity

Middle TX Frequency (MHz)	2437.00
Relative permitivity (real part)	38.62
Relative permitivity (imaginary part)	13.24
Conductivity (S/m)	1.79

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

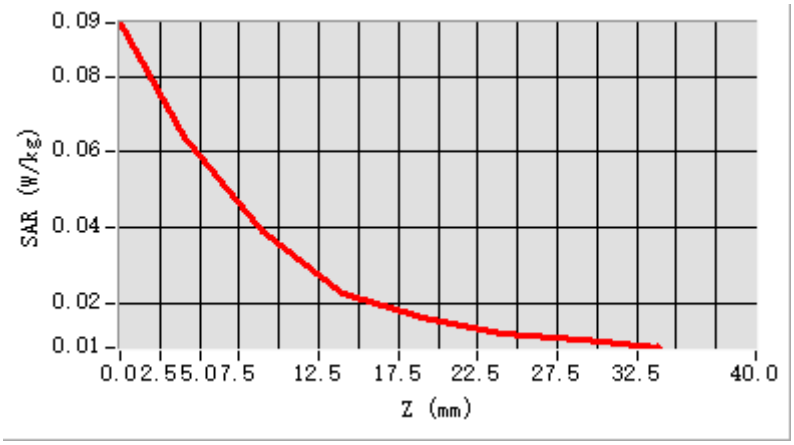
Maximum location: X=-19.00, Y=22.00 ; SAR Peak: 0.10 W/kg

D. SAR 1g & 10g

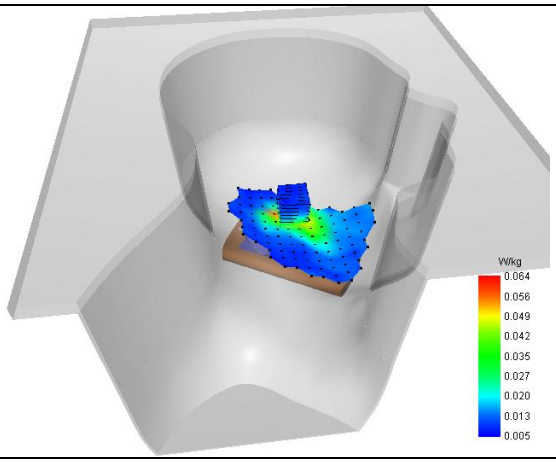
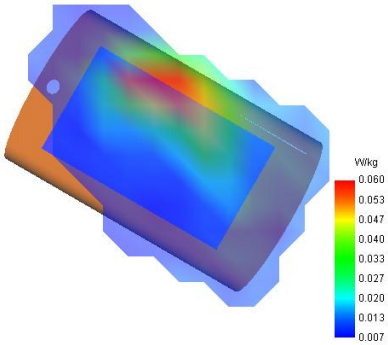
SAR 10g (W/Kg)	0.033
SAR 1g (W/Kg)	0.059
Variation (%)	-4.47
Horizontal validation criteria: minimum distance (mm)	15.00
Vertical validation criteria: SAR ratio M2/M1 (%)	61.54

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.094	0.064	0.039	0.023	0.016	0.012	0.010



F. 3D Image

3D screen shot	Hot spot position
	

37# SAR Measurement at ISM (Cheek, Left)
Date of measurement: 17/4/2025

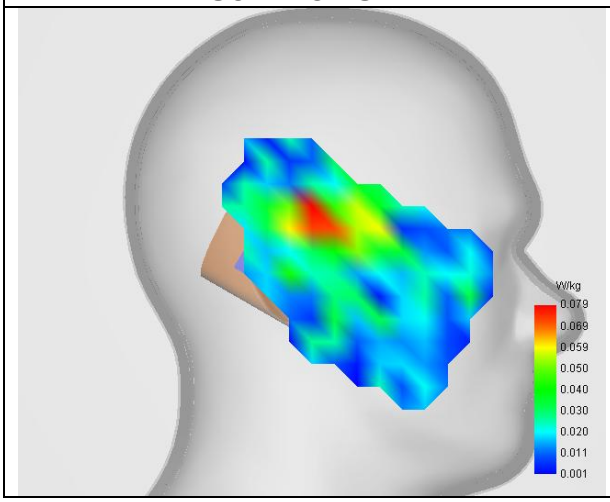
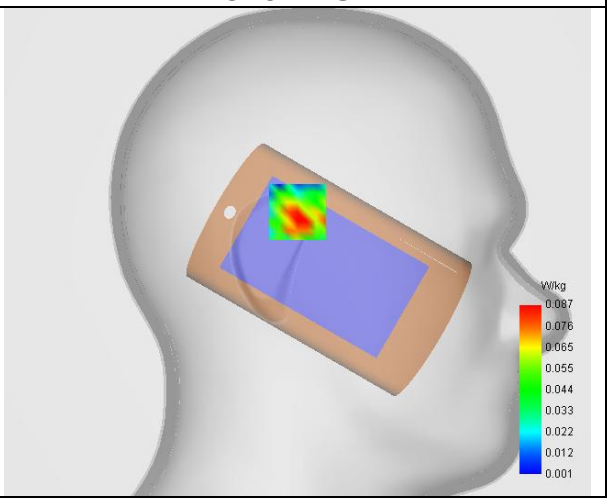
A. Experimental conditions.

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. Permitivity

Middle TX Frequency (MHz)	2437.00
Relative permitivity (real part)	38.62
Relative permitivity (imaginary part)	13.24
Conductivity (S/m)	1.79

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

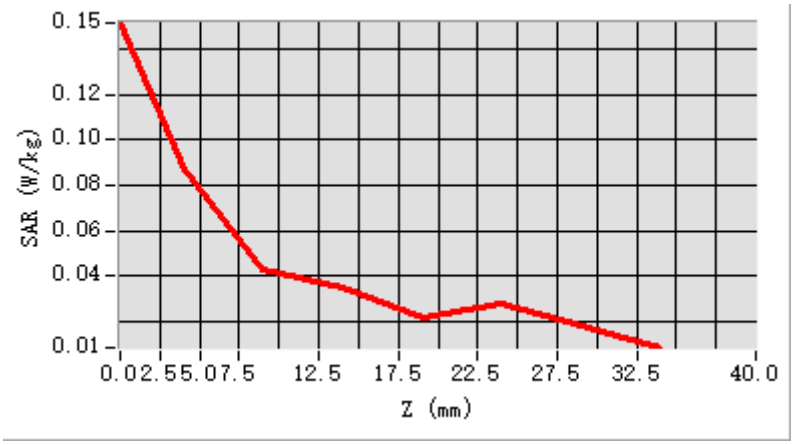
Maximum location: X=0.00, Y=21.00 ; SAR Peak: 0.21 W/kg

D. SAR 1g & 10g

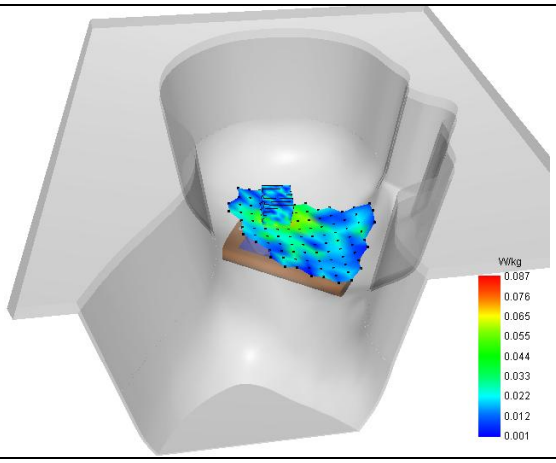
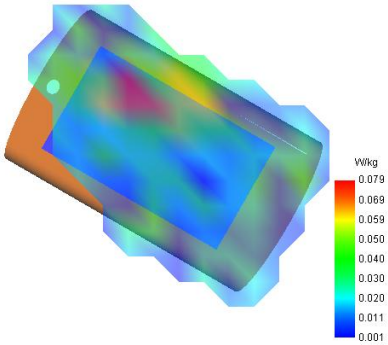
SAR 10g (W/Kg)	0.040
SAR 1g (W/Kg)	0.088
Variation (%)	-2.20
Horizontal validation criteria: minimum distance (mm)	11.18
Vertical validation criteria: SAR ratio M2/M1 (%)	74.44

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.151	0.087	0.043	0.035	0.022	0.028	0.018



F. 3D Image

3D screen shot	Hot spot position
	

38# SAR Measurement at ISM (Body, Validation Plane)
Date of measurement: 17/4/2025

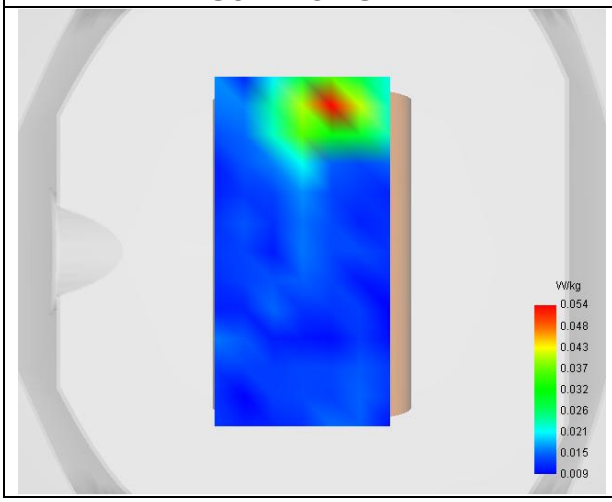
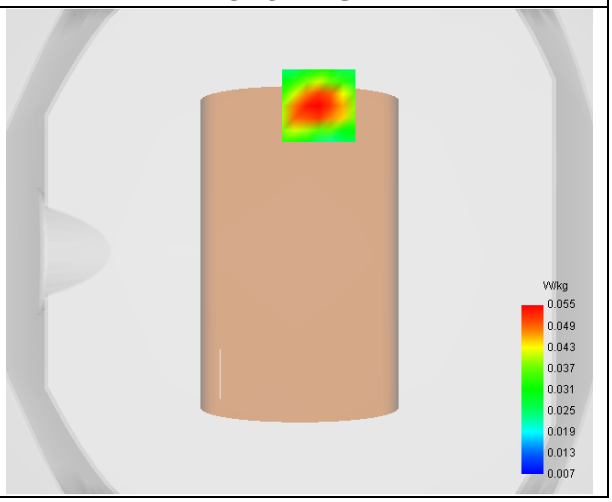
A. Experimental conditions.

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. Permitivity

Middle TX Frequency (MHz)	2437.00
Relative permitivity (real part)	38.62
Relative permitivity (imaginary part)	13.24
Conductivity (S/m)	1.79

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

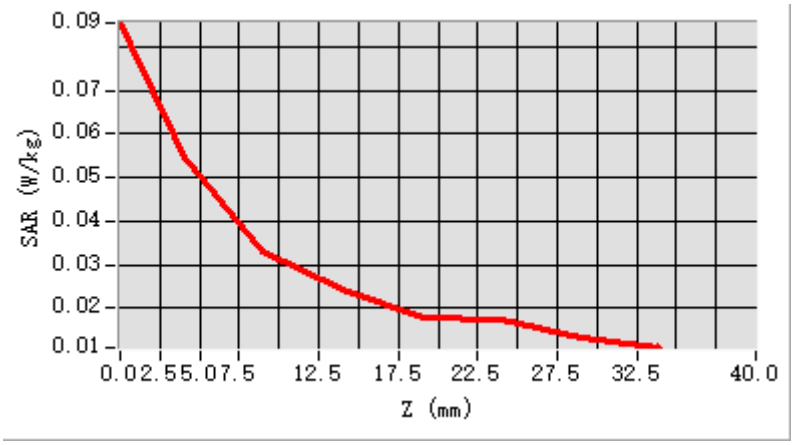
Maximum location: X=8.00, Y=60.00 ; SAR Peak: 0.09 W/kg

D. SAR 1g & 10g

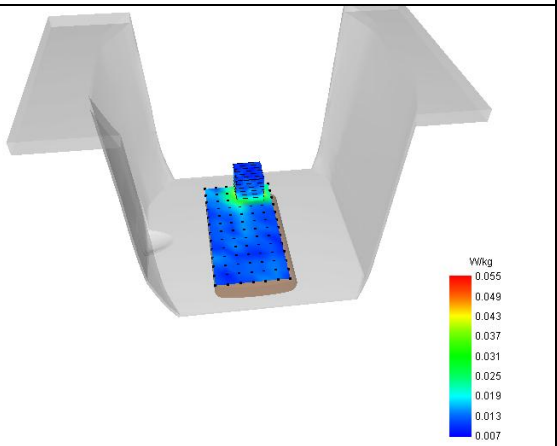
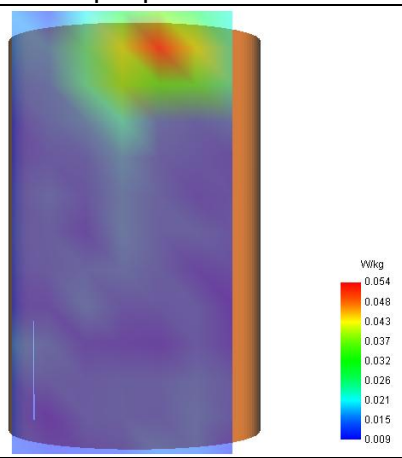
SAR 10g (W/Kg)	0.030
SAR 1g (W/Kg)	0.052
Variation (%)	-1.55
Horizontal validation criteria: minimum distance (mm)	15.00
Vertical validation criteria: SAR ratio M2/M1 (%)	59.81

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.086	0.055	0.033	0.024	0.018	0.017	0.013



F. 3D Image

3D screen shot	Hot spot position
	

39# SAR Measurement at ISM (Body, Validation Plane)
Date of measurement: 17/4/2025

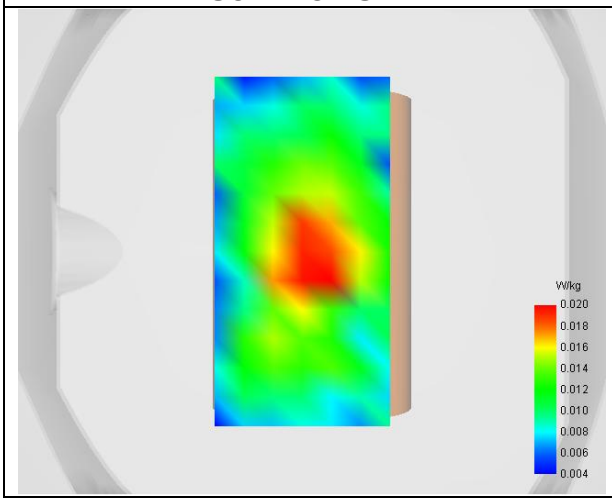
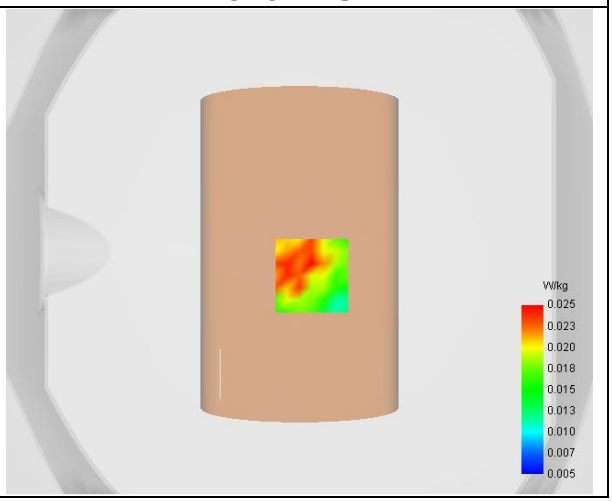
A. Experimental conditions.

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. Permitivity

Middle TX Frequency (MHz)	2437.00
Relative permitivity (real part)	38.62
Relative permitivity (imaginary part)	13.24
Conductivity (S/m)	1.79

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

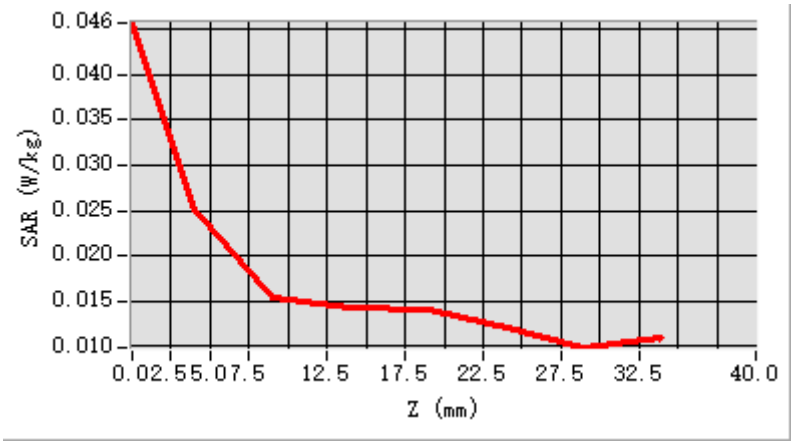
Maximum location: X=5.00, Y=-10.00 ; SAR Peak: 0.04 W/kg

D. SAR 1g & 10g

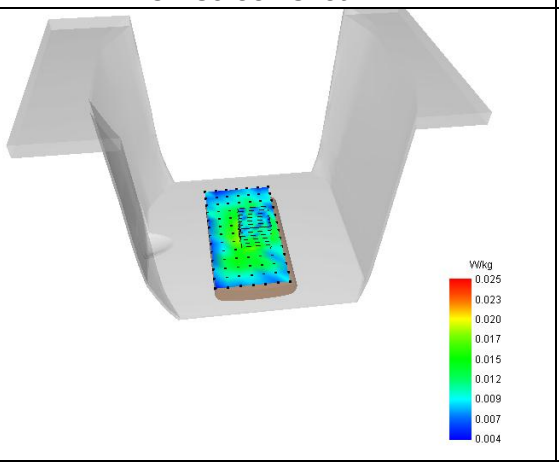
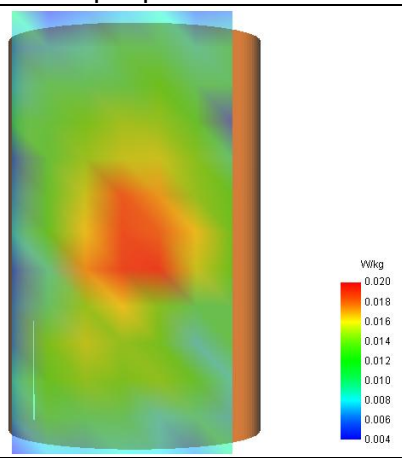
SAR 10g (W/Kg)	0.015
SAR 1g (W/Kg)	0.024
Variation (%)	2.91
Horizontal validation criteria: minimum distance (mm)	18.03
Vertical validation criteria: SAR ratio M2/M1 (%)	80.66

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.046	0.025	0.015	0.014	0.014	0.012	0.010



F. 3D Image

3D screen shot	Hot spot position
	

40# SAR Measurement at ISM (Body, Validation Plane)
Date of measurement: 17/4/2025

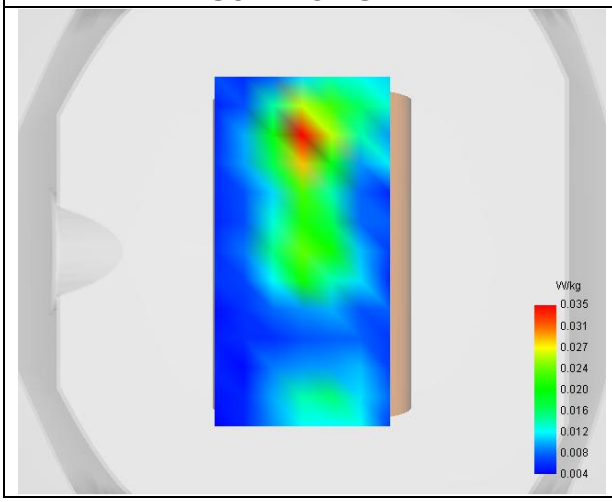
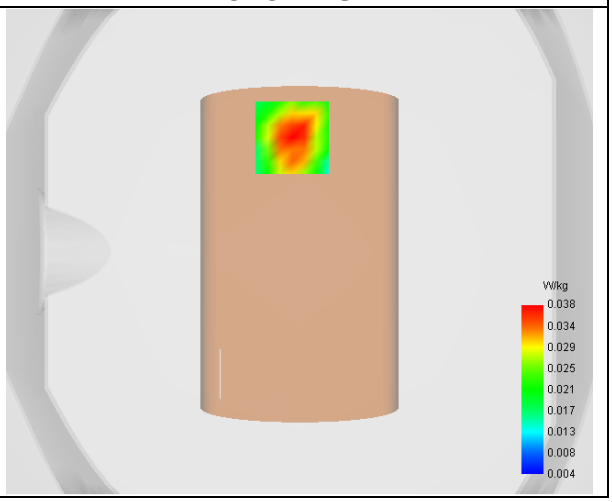
A. Experimental conditions.

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. Permitivity

Middle TX Frequency (MHz)	2437.00
Relative permitivity (real part)	38.62
Relative permitivity (imaginary part)	13.24
Conductivity (S/m)	1.79

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

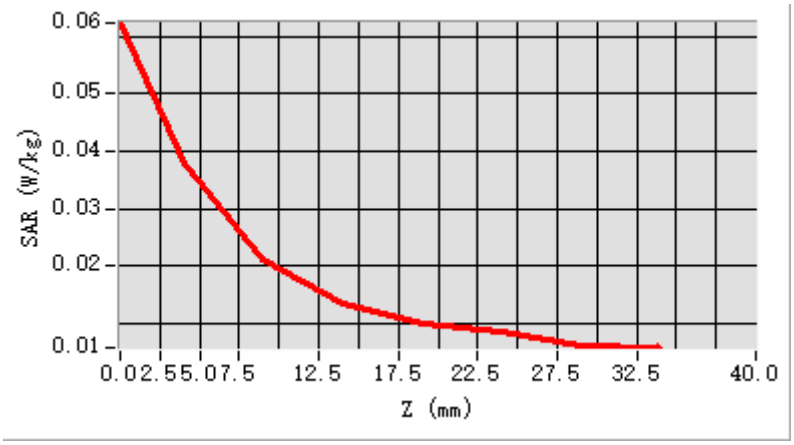
Maximum location: X=-3.00, Y=47.00 ; SAR Peak: 0.07 W/kg

D. SAR 1g & 10g

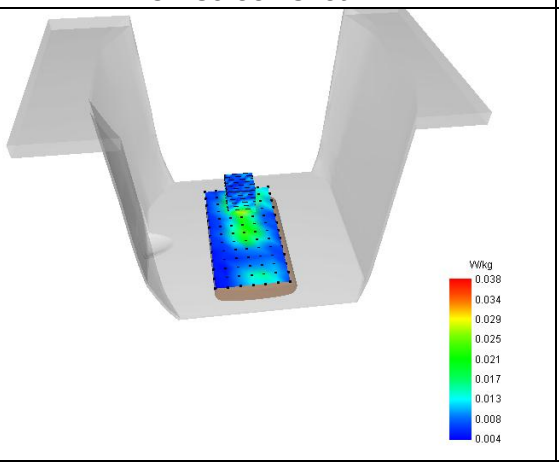
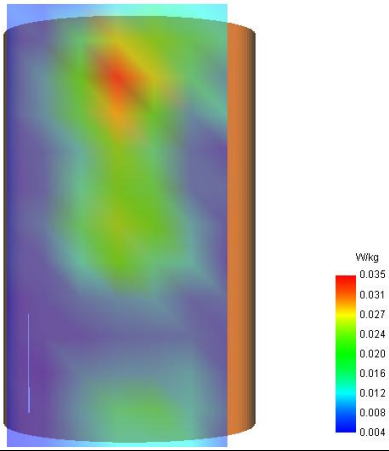
SAR 10g (W/Kg)	0.021
SAR 1g (W/Kg)	0.037
Variation (%)	1.35
Horizontal validation criteria: minimum distance (mm)	15.81
Vertical validation criteria: SAR ratio M2/M1 (%)	61.13

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.062	0.038	0.021	0.014	0.010	0.008	0.006



F. 3D Image

3D screen shot	Hot spot position
	

41# SAR Measurement at LTE band 2 (Cheek, Left)
Date of measurement: 28/4/2025

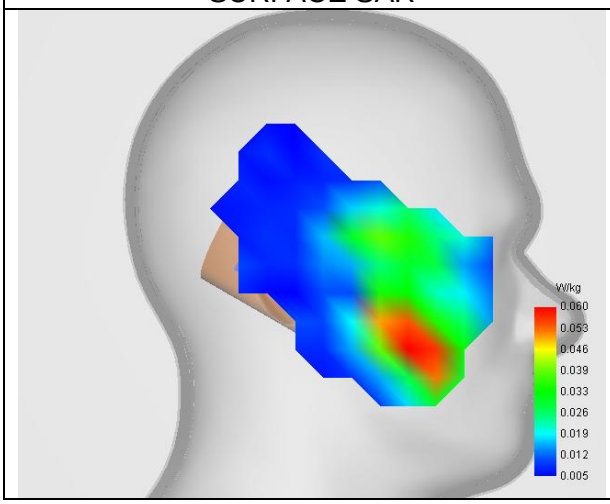
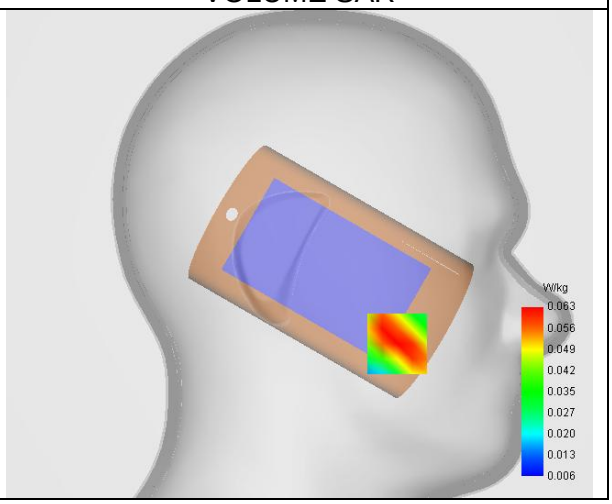
A. Experimental conditions.

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. Permitivity

Middle TX Frequency (MHz)	1880.00
Relative permitivity (real part)	38.86
Relative permitivity (imaginary part)	13.85
Conductivity (S/m)	1.45

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

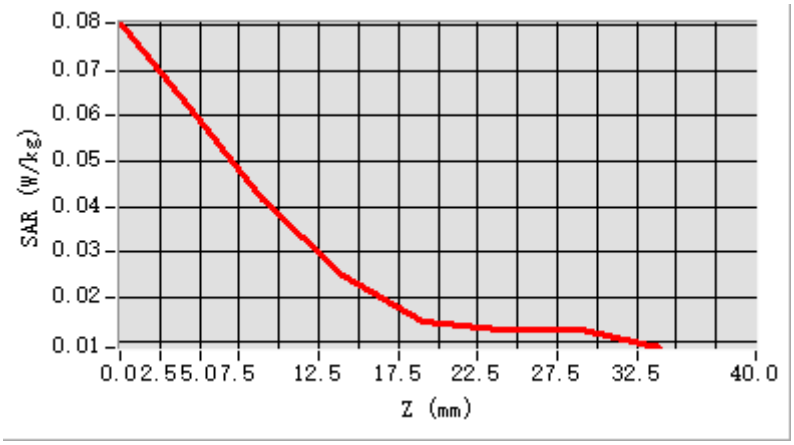
Maximum location: X=-52.00, Y=-48.00 ; SAR Peak: 0.09 W/kg

D. SAR 1g & 10g

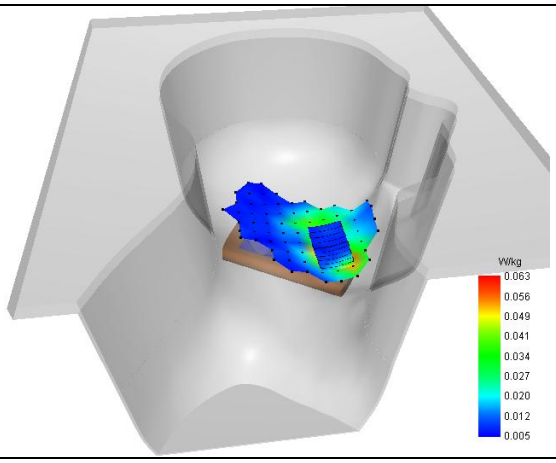
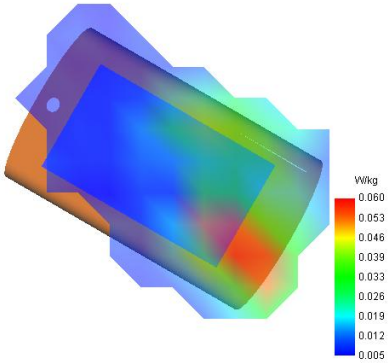
SAR 10g (W/Kg)	0.037
SAR 1g (W/Kg)	0.061
Variation (%)	-2.82
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	66.79

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.081	0.063	0.041	0.025	0.015	0.013	0.013



F. 3D Image

3D screen shot	Hot spot position
	

42# SAR Measurement at LTE band 2 (Body, Validation Plane)
Date of measurement: 28/4/2025

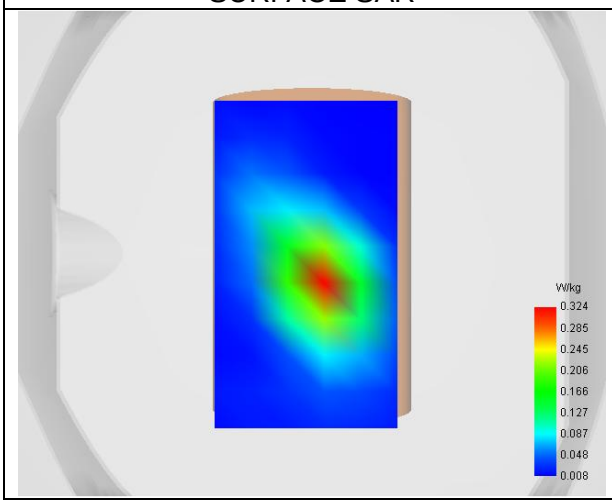
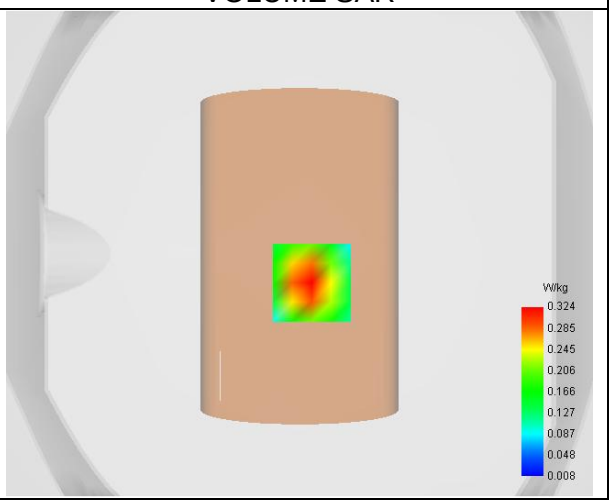
A. Experimental conditions.

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. Permitivity

Middle TX Frequency (MHz)	1880.00
Relative permitivity (real part)	38.86
Relative permitivity (imaginary part)	13.85
Conductivity (S/m)	1.45

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

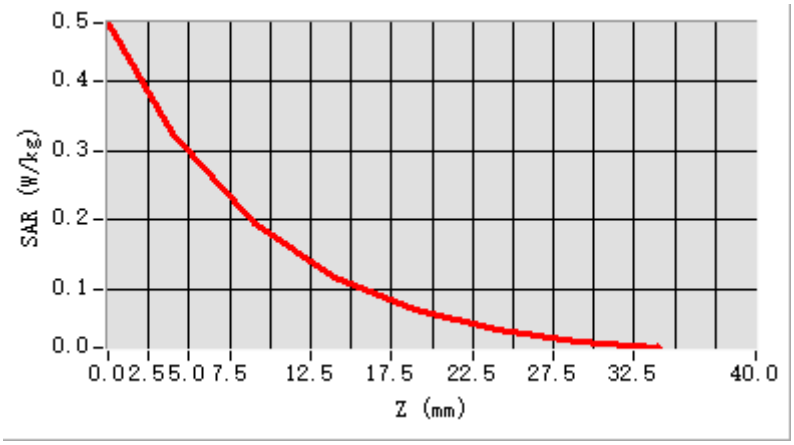
Maximum location: X=5.00, Y=-12.00 ; SAR Peak: 0.49 W/kg

D. SAR 1g & 10g

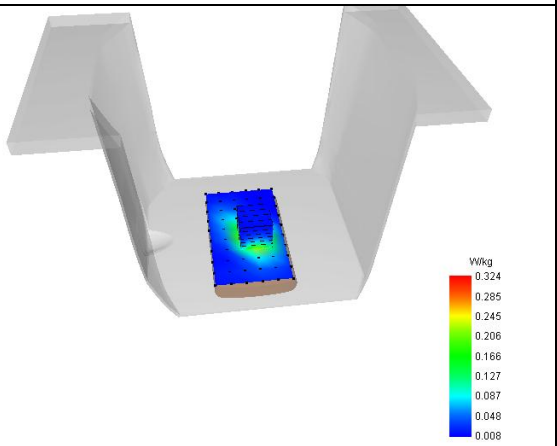
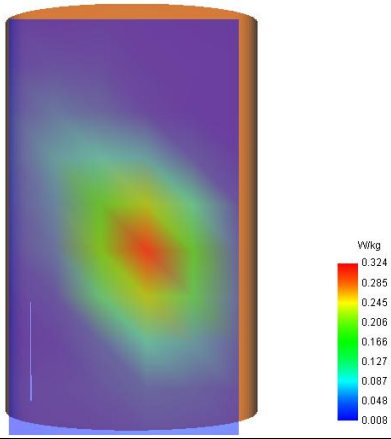
SAR 10g (W/Kg)	0.171
SAR 1g (W/Kg)	0.316
Variation (%)	-0.18
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	59.91

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.484	0.324	0.194	0.118	0.072	0.043	0.026



F. 3D Image

3D screen shot	Hot spot position
	

43# SAR Measurement at LTE band 4 (Cheek, Left)
Date of measurement: 27/4/2025

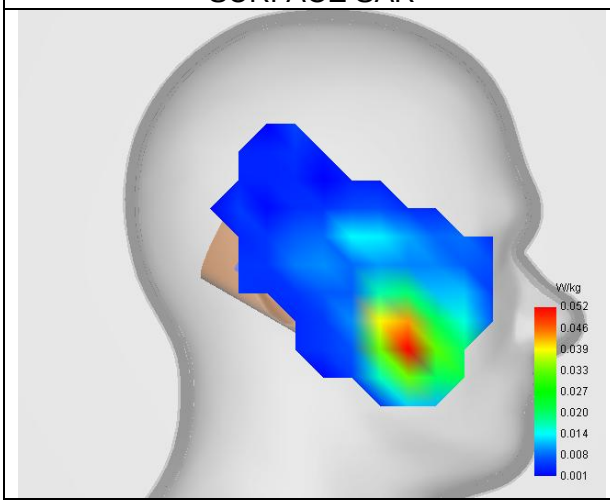
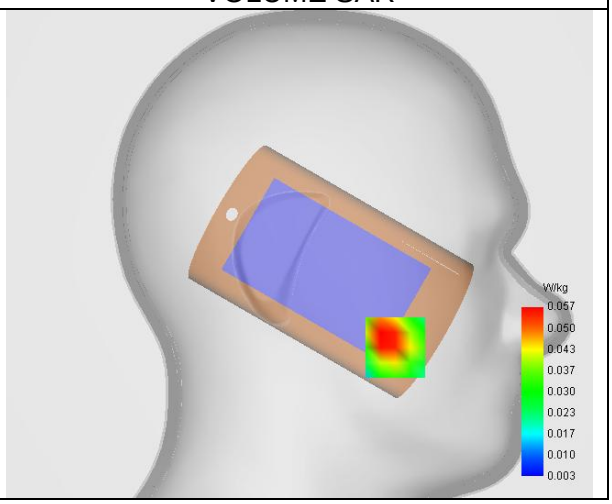
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	1.51
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. Permitivity

Middle TX Frequency (MHz)	1732.50
Relative permitivity (real part)	40.52
Relative permitivity (imaginary part)	14.26
Conductivity (S/m)	1.37

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

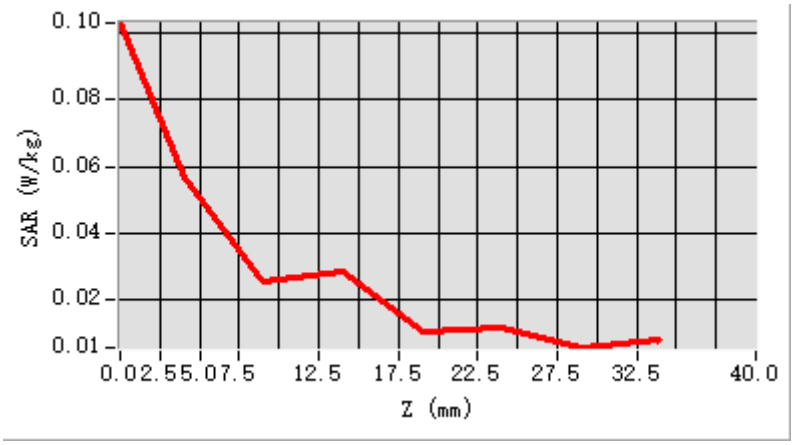
Maximum location: X=-51.00, Y=-50.00 ; SAR Peak: 0.09 W/kg

D. SAR 1g & 10g

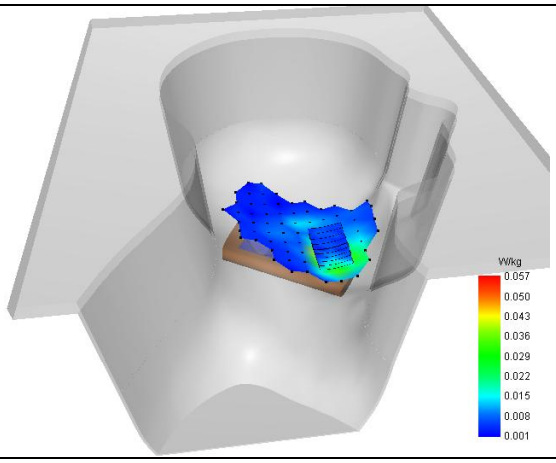
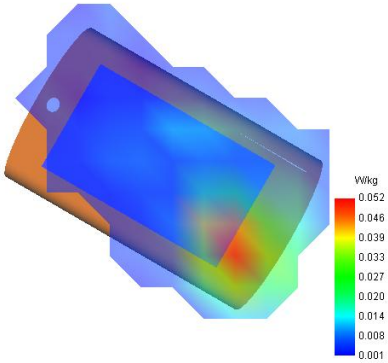
SAR 10g (W/Kg)	0.034
SAR 1g (W/Kg)	0.057
Variation (%)	4.21
Horizontal validation criteria: minimum distance (mm)	17.89
Vertical validation criteria: SAR ratio M2/M1 (%)	74.96

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.103	0.057	0.025	0.029	0.011	0.011	0.006



F. 3D Image

3D screen shot	Hot spot position
	

44# SAR Measurement at LTE band 4 (Body, Validation Plane)
Date of measurement: 27/4/2025

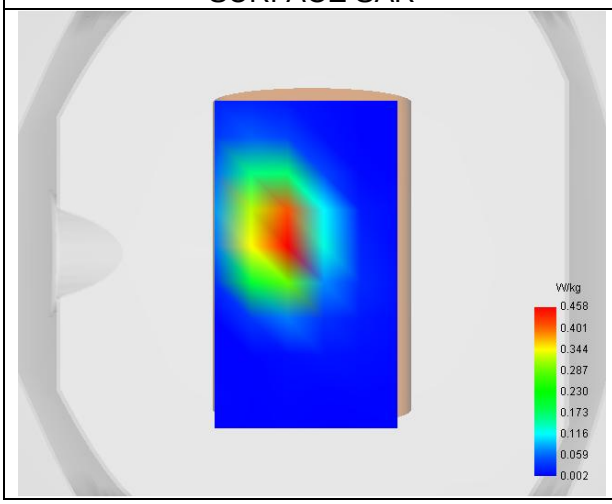
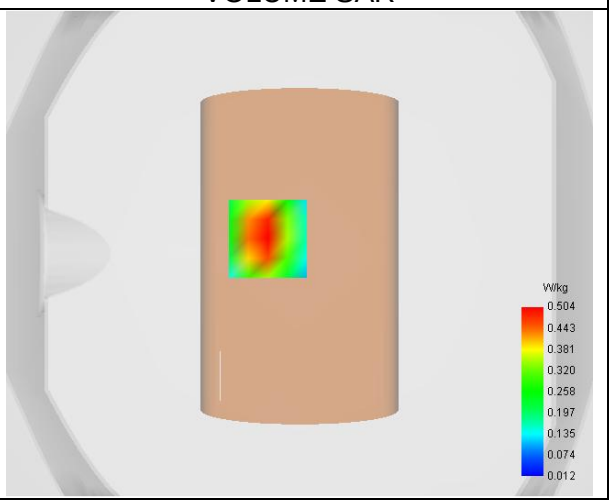
A. Experimental conditions.

Probe	4024-EPGO-442
ConvF	1.51
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. Permitivity

Middle TX Frequency (MHz)	1732.50
Relative permitivity (real part)	40.52
Relative permitivity (imaginary part)	14.26
Conductivity (S/m)	1.37

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

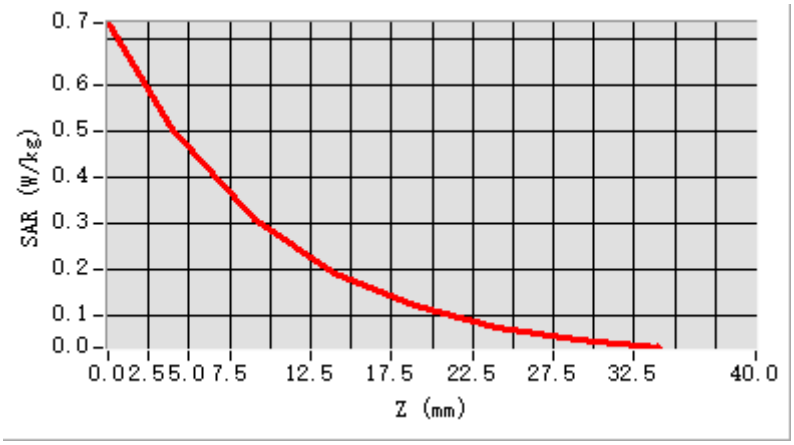
Maximum location: X=-13.00, Y=6.00 ; SAR Peak: 0.75 W/kg

D. SAR 1g & 10g

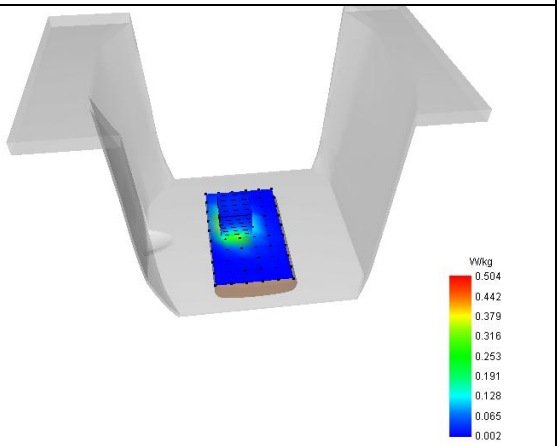
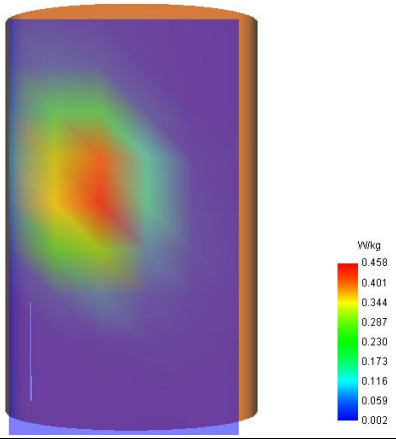
SAR 10g (W/Kg)	0.270
SAR 1g (W/Kg)	0.482
Variation (%)	-0.70
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	61.62

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.736	0.504	0.311	0.193	0.122	0.075	0.049



F. 3D Image

3D screen shot	Hot spot position
	

45# SAR Measurement at LTE band 5 (Cheek, Left)
Date of measurement: 26/4/2025

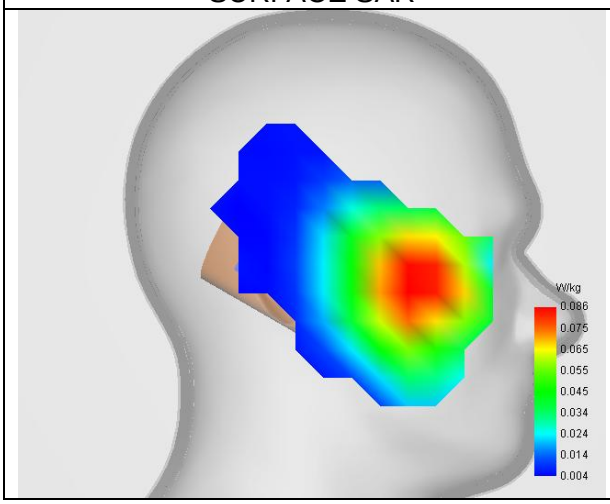
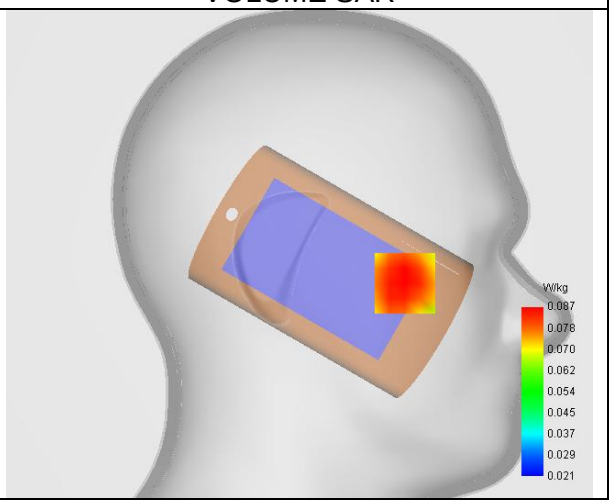
A. Experimental conditions.

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. Permitivity

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

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

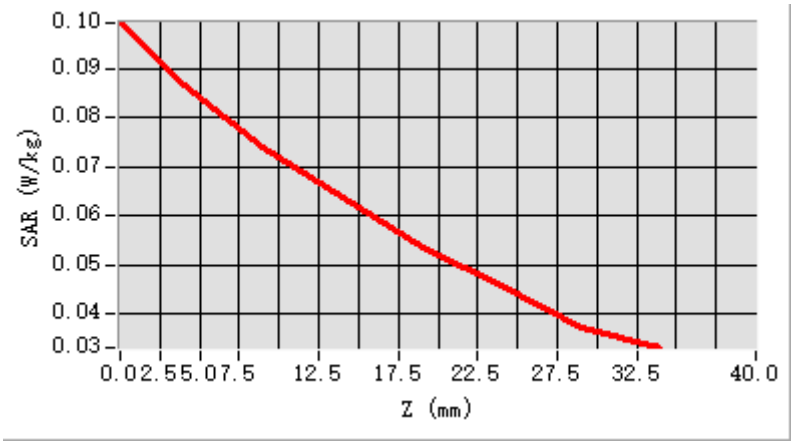
Maximum location: X=-56.00, Y=-16.00 ; SAR Peak: 0.10 W/kg

D. SAR 1g & 10g

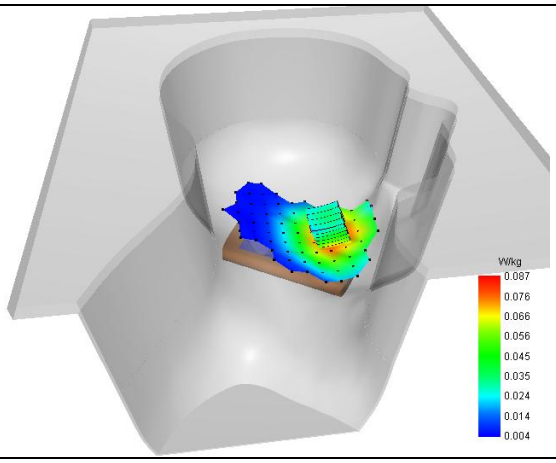
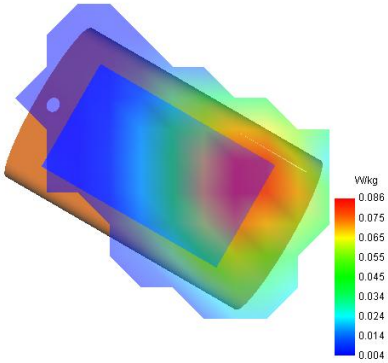
SAR 10g (W/Kg)	0.070
SAR 1g (W/Kg)	0.087
Variation (%)	-1.06
Horizontal validation criteria: minimum distance (mm)	0.00
Vertical validation criteria: SAR ratio M2/M1 (%)	0.00

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.099	0.087	0.074	0.064	0.054	0.046	0.037



F. 3D Image

3D screen shot	Hot spot position
	

46# SAR Measurement at LTE band 5 (Body, Validation Plane)
Date of measurement: 26/4/2025

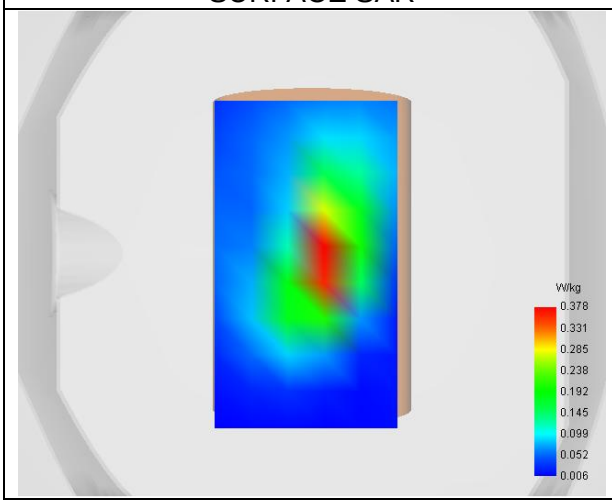
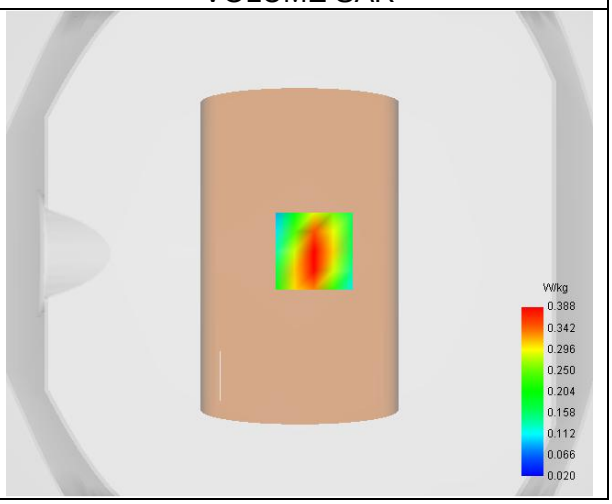
A. Experimental conditions.

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. Permitivity

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

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

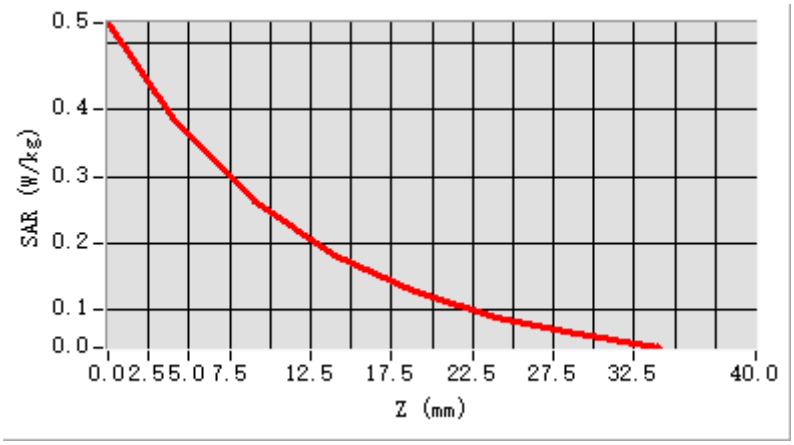
Maximum location: X=6.00, Y=1.00 ; SAR Peak: 0.54 W/kg

D. SAR 1g & 10g

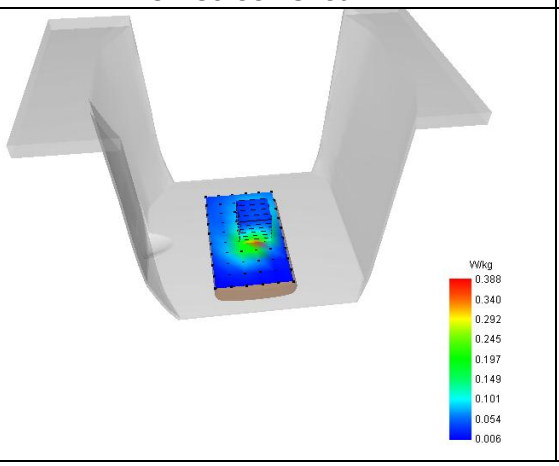
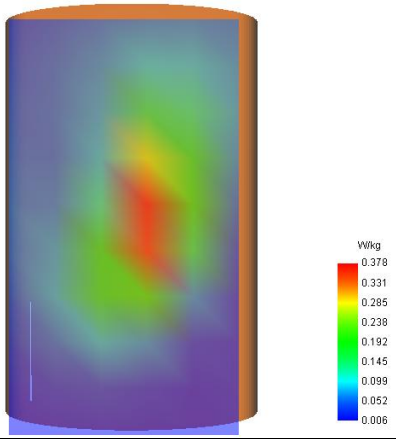
SAR 10g (W/Kg)	0.228
SAR 1g (W/Kg)	0.373
Variation (%)	-1.09
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	67.96

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.529	0.388	0.264	0.181	0.128	0.088	0.064



F. 3D Image

3D screen shot	Hot spot position
	

47# SAR Measurement at LTE band 7 (Cheek, Left)
Date of measurement: 29/4/2025

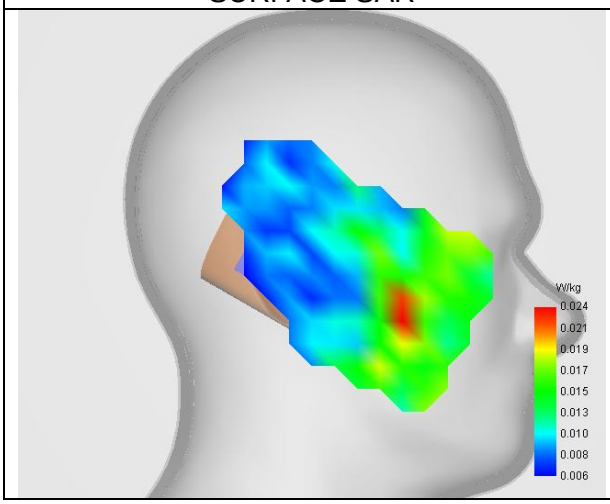
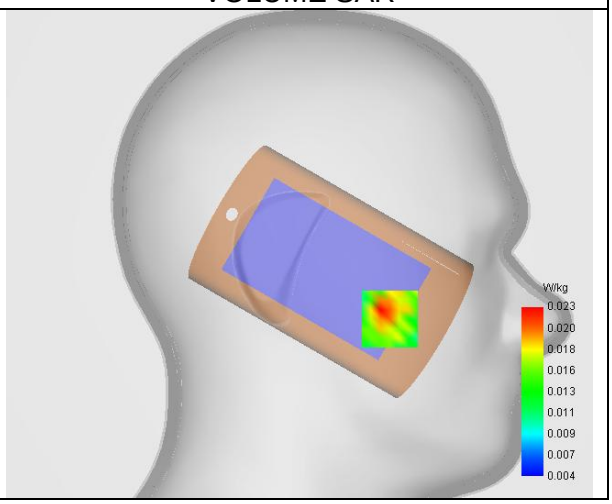
A. Experimental conditions.

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. Permitivity

Middle TX Frequency (MHz)	2535.00
Relative permitivity (real part)	39.96
Relative permitivity (imaginary part)	13.69
Conductivity (S/m)	1.93

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

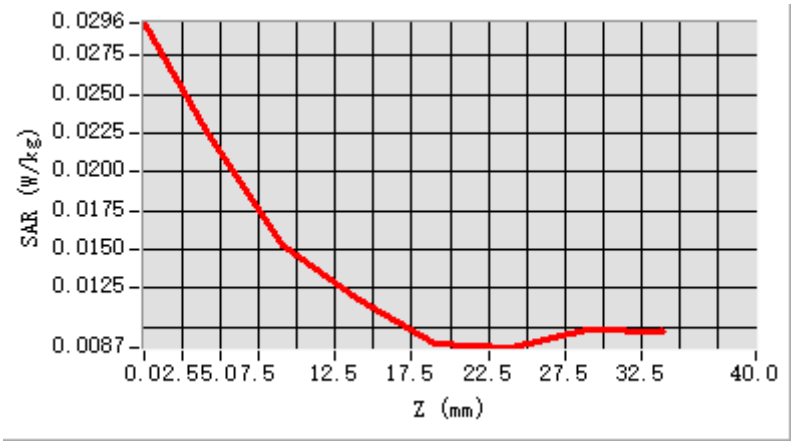
Maximum location: X=-48.00, Y=-35.00 ; SAR Peak: 0.03 W/kg

D. SAR 1g & 10g

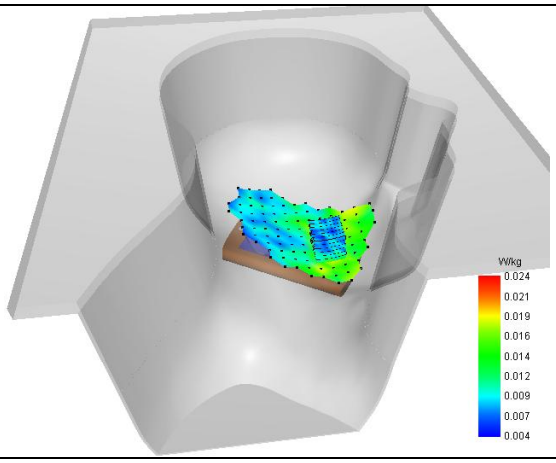
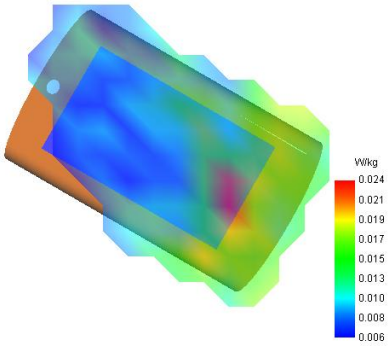
SAR 10g (W/Kg)	0.014
SAR 1g (W/Kg)	0.020
Variation (%)	-4.85
Horizontal validation criteria: minimum distance (mm)	11.18
Vertical validation criteria: SAR ratio M2/M1 (%)	72.50

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.030	0.023	0.015	0.012	0.009	0.009	0.010



F. 3D Image

3D screen shot	Hot spot position
	

48# SAR Measurement at LTE band 7 (Body, Validation Plane)
Date of measurement: 29/4/2025

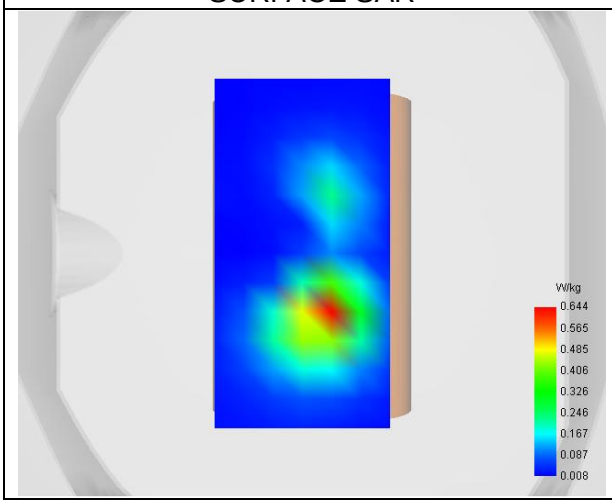
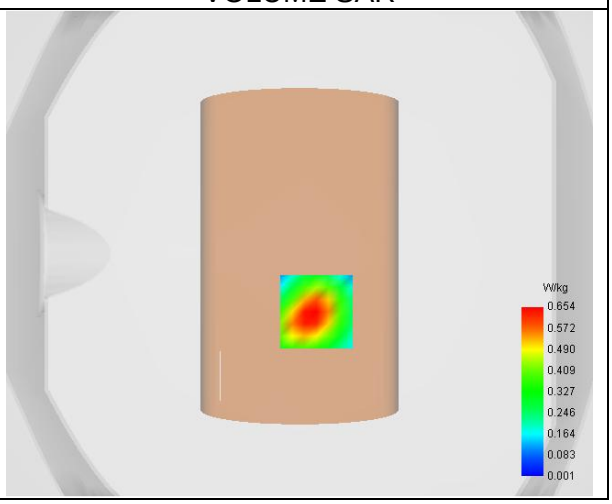
A. Experimental conditions.

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. Permitivity

Middle TX Frequency (MHz)	2535.00
Relative permitivity (real part)	39.96
Relative permitivity (imaginary part)	13.69
Conductivity (S/m)	1.93

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

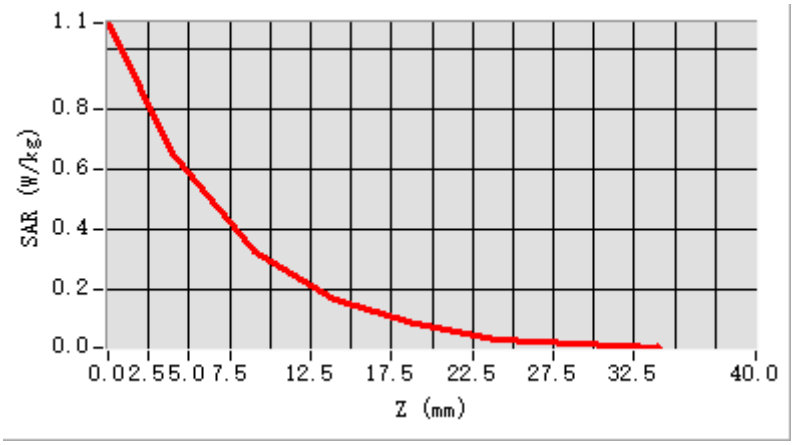
Maximum location: X=7.00, Y=-24.00 ; SAR Peak: 1.09 W/kg

D. SAR 1g & 10g

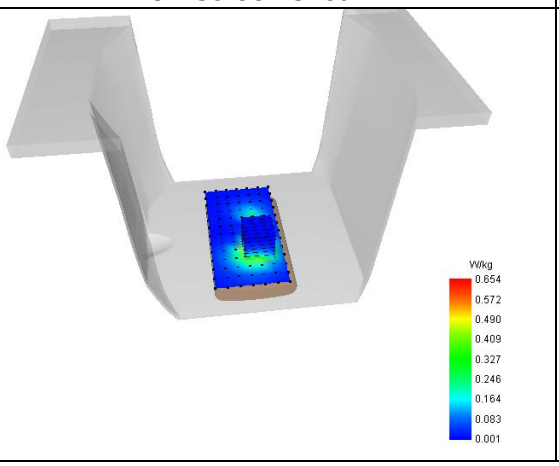
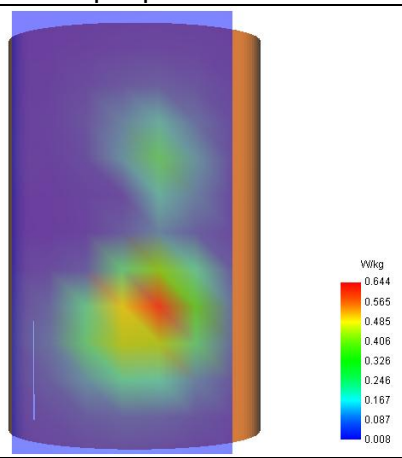
SAR 10g (W/Kg)	0.295
SAR 1g (W/Kg)	0.616
Variation (%)	-1.39
Horizontal validation criteria: minimum distance (mm)	14.14
Vertical validation criteria: SAR ratio M2/M1 (%)	50.28

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.089	0.654	0.329	0.167	0.087	0.035	0.018



F. 3D Image

3D screen shot	Hot spot position
	

49# SAR Measurement at LTE band 12 (Cheek, Left)
Date of measurement: 11/4/2025

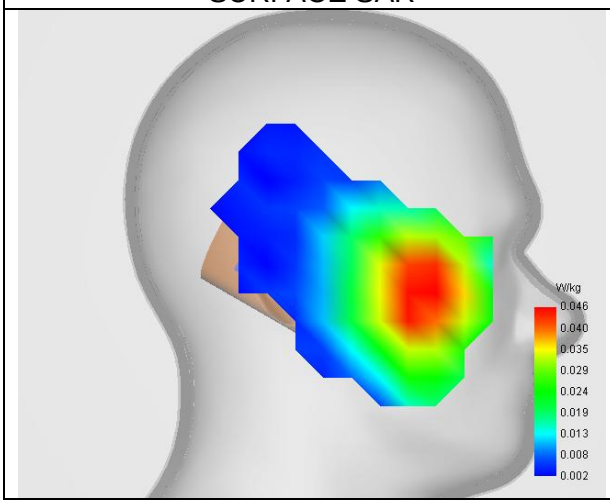
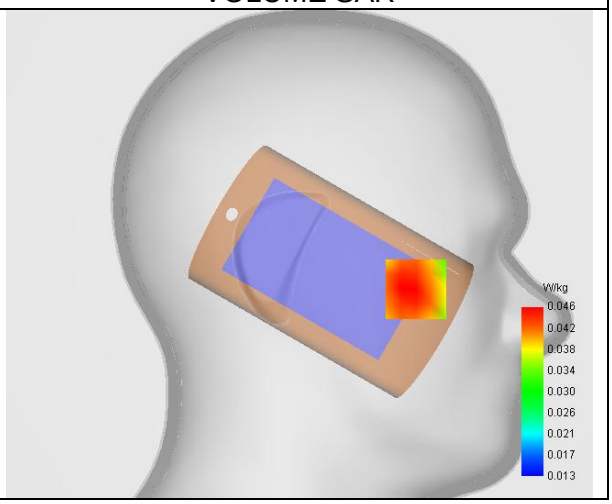
A. Experimental conditions.

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. Permitivity

Middle TX Frequency (MHz)	707.50
Relative permitivity (real part)	41.11
Relative permitivity (imaginary part)	21.75
Conductivity (S/m)	0.86

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

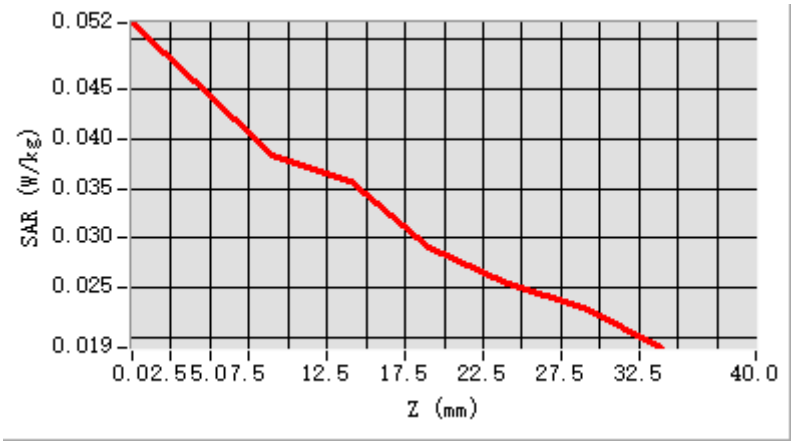
Maximum location: X=-62.00, Y=-19.00 ; SAR Peak: 0.05 W/kg

D. SAR 1g & 10g

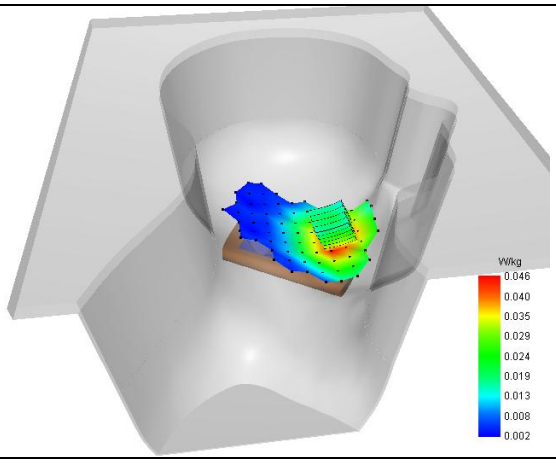
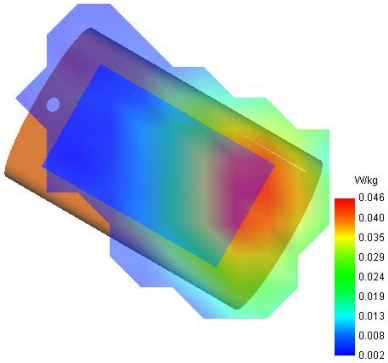
SAR 10g (W/Kg)	0.037
SAR 1g (W/Kg)	0.045
Variation (%)	1.47
Horizontal validation criteria: minimum distance (mm)	0.00
Vertical validation criteria: SAR ratio M2/M1 (%)	0.00

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.052	0.046	0.038	0.036	0.029	0.025	0.023



F. 3D Image

3D screen shot	Hot spot position
	

50# SAR Measurement at LTE band 12 (Body, Validation Plane)
Date of measurement: 11/4/2025

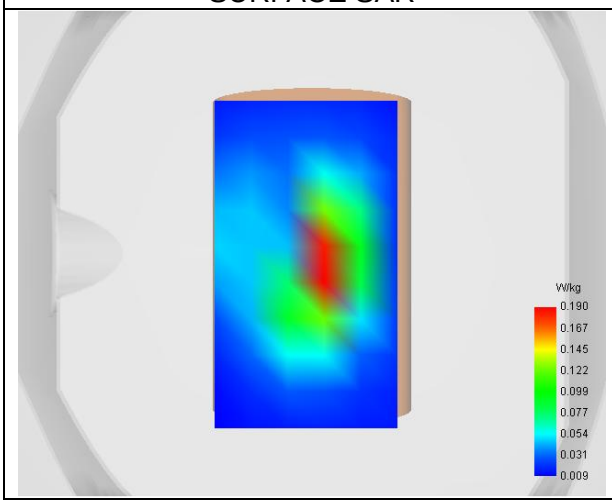
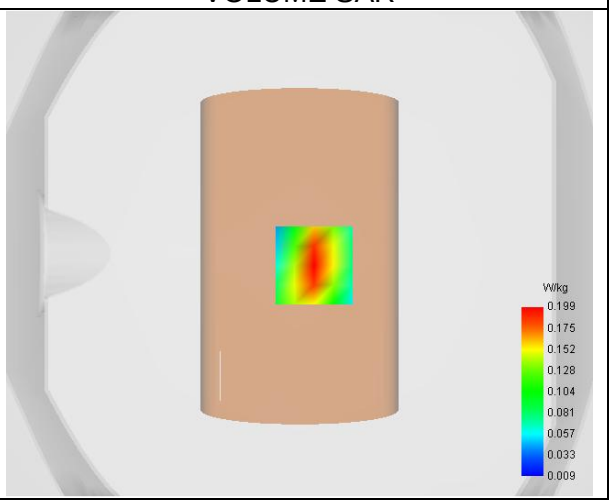
A. Experimental conditions.

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. Permitivity

Middle TX Frequency (MHz)	707.50
Relative permitivity (real part)	41.11
Relative permitivity (imaginary part)	21.75
Conductivity (S/m)	0.86

C. SAR Surface and Volume

SURFACE SAR	VOLUME SAR
	

Maximum location: X=6.00, Y=-5.00 ; SAR Peak: 0.29 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.108
SAR 1g (W/Kg)	0.187
Variation (%)	-0.84
Horizontal validation criteria: minimum distance (mm)	16.00
Vertical validation criteria: SAR ratio M2/M1 (%)	63.13

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.294	0.199	0.126	0.083	0.058	0.039	0.027