

13. Simultaneous Transmission Analysis

Per KDB 447498 D01, simultaneous transmission SAR is compliant if,

1) Scalar SAR summation < 1.6W/kg.

2) SPLSR = $\frac{(SAR_1 + SAR_2)^{1.5}}{d}$ / (min. separation distance, mm), and the peak separation distance is

determined from the square root of $[(x_1 - x_2)^2 + (y_1 - y_2)^2 + (z_1 - z_2)^2]$, where

(x_1, y_1, z_1) and (x_2, y_2, z_2) are the coordinates of the extrapolated peak SAR locations in the zoom scan.

If $SPLSR \leq 0.04$, simultaneously transmission SAR measurement is not necessary.

No.	Simultaneous Tx	Head	Body-worn	Hotspot
1	WWAN+WLAN	Yes	Yes	Yes
2	WWAN+Bluetooth	Yes	Yes	Yes

Note : WiFi and Bluetooth use the same antenna and cannot be transmitted at the same time.

Position		Standalone SAR(W/kg)				$\sum SAR_{1g}$ (W/kg)		
		1	2	3	4	1+2	1+3	1+4
		WWAN	2.4G WLAN	5G WLAN	BT			
Head	Right Cheek	1.115	0.130	0.169	0.148	1.245	1.284	1.263
	Right Tilted	1.161	0.120	0.128	0.148	1.281	1.289	1.309
	Left Cheek	0.561	0.189	0.313	0.148	0.750	0.874	0.709
	Left Tilted	0.675	0.182	0.201	0.148	0.857	0.876	0.823
Body-worn	Front	0.248	0.046	0.070	0.074	0.294	0.318	0.322
	Back	1.021	0.070	0.203	0.074	1.091	1.224	1.095
Hotspot	Front	0.248	0.046	0.070	0.074	0.294	0.318	0.322
	Back	1.021	0.070	0.203	0.074	1.091	1.224	1.095
	Left	0.266	/	/	0.074	0.266	0.266	0.34
	Right	0.082	0.040	0.064	0.074	0.122	0.146	0.156
	Top	0.547	0.058	0.188	0.074	0.605	0.735	0.621
	Bottom	/	/	/	0.074	0.059	0.059	0.059

Note :

1. The Simultaneous Tx is calculated based on the same configuration and test position.
2. WLAN 2.4GHz Band, WLAN 5.2GHz Band, WLAN 5.3GHz Band, WLAN 5.6GHz Band, WLAN 5.8GHz Band and Bluetooth share the same antenna, and cannot transmit simultaneously.
3. GSM/WCDMA/LTE shares the same antenna, and cannot transmit simultaneously.

Appendix A. Photo documentation

Refer to appendix Test Setup photo---SAR

Appendix B. System Check Plots

System check at 750 MHz

Date of measurement: 12/10/2025

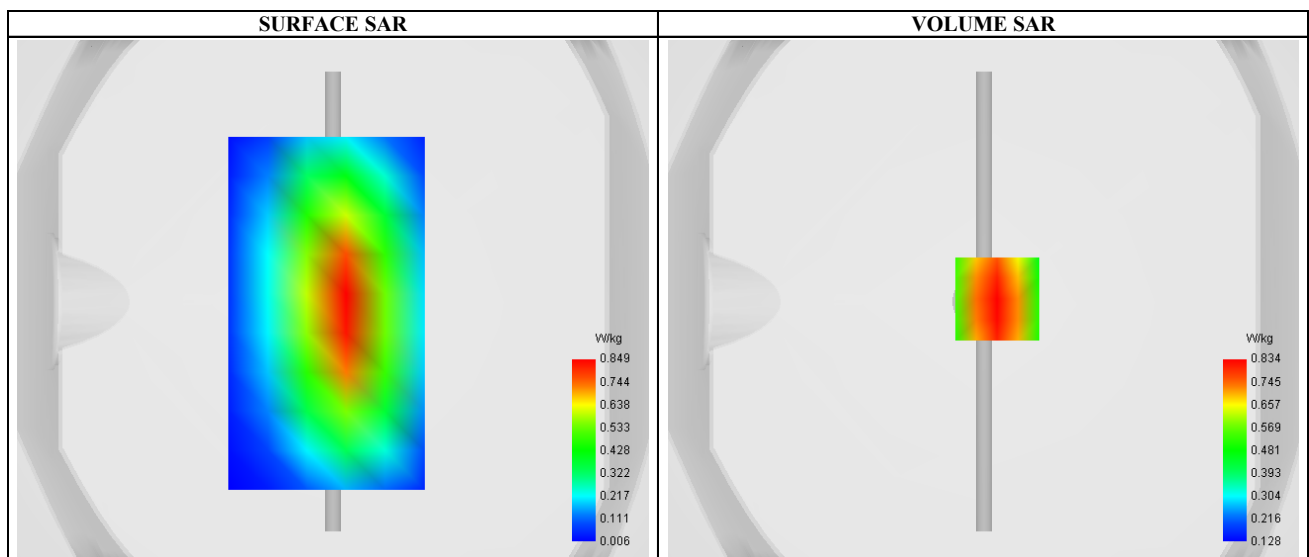
A. Experimental conditions.

Probe	SN 39/21 EPG00523-403
ConvF	1.65
Area Scan	surf sam plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW750
Channels	Middle
Signal	CW (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	750.000000
Relative permittivity (real part)	41.358209
Conductivity (S/m)	0.896013

C. SAR Surface and Volume

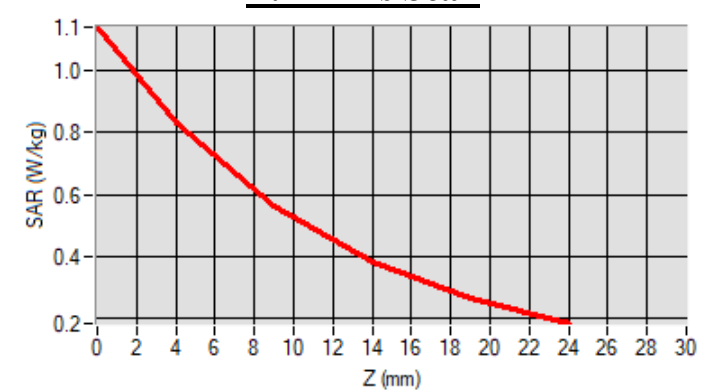


Maximum location: X=5.00, Y=1.00 ; SAR Peak: 1.15 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.525173
SAR 1g (W/Kg)	0.798415
Variation (%)	-1.080000

E. Z Axis Scan



System check at 835 MHz

Date of measurement: 14/10/2025

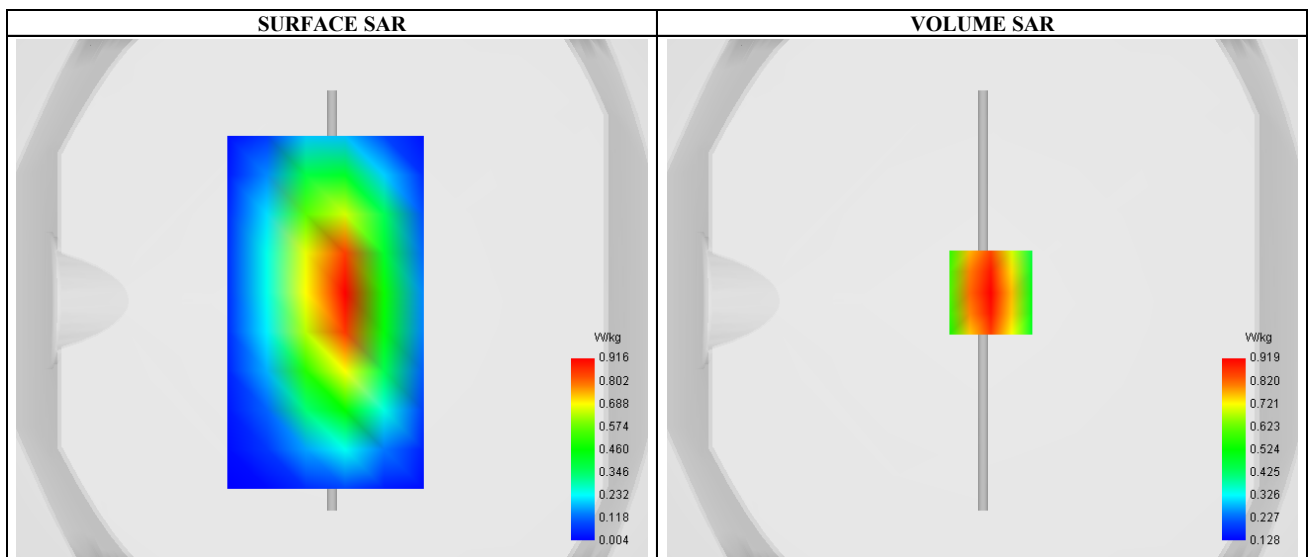
A. Experimental conditions.

Probe	SN 39/21 EPG00523-403
ConvF	1.66
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW835
Channels	Middle
Signal	CW (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	835.000000
Relative permittivity (real part)	41.136954
Conductivity (S/m)	0.882052

C. SAR Surface and Volume

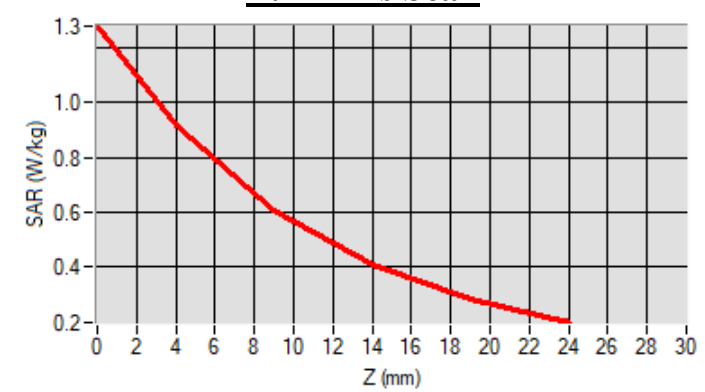


Maximum location: X=3.00, Y=3.00 ; SAR Peak: 1.28 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.575214
SAR 1g (W/Kg)	0.880069
Variation (%)	-2.120000

E. Z Axis Scan



System check at 1800 MHz

Date of measurement: 20/10/2025

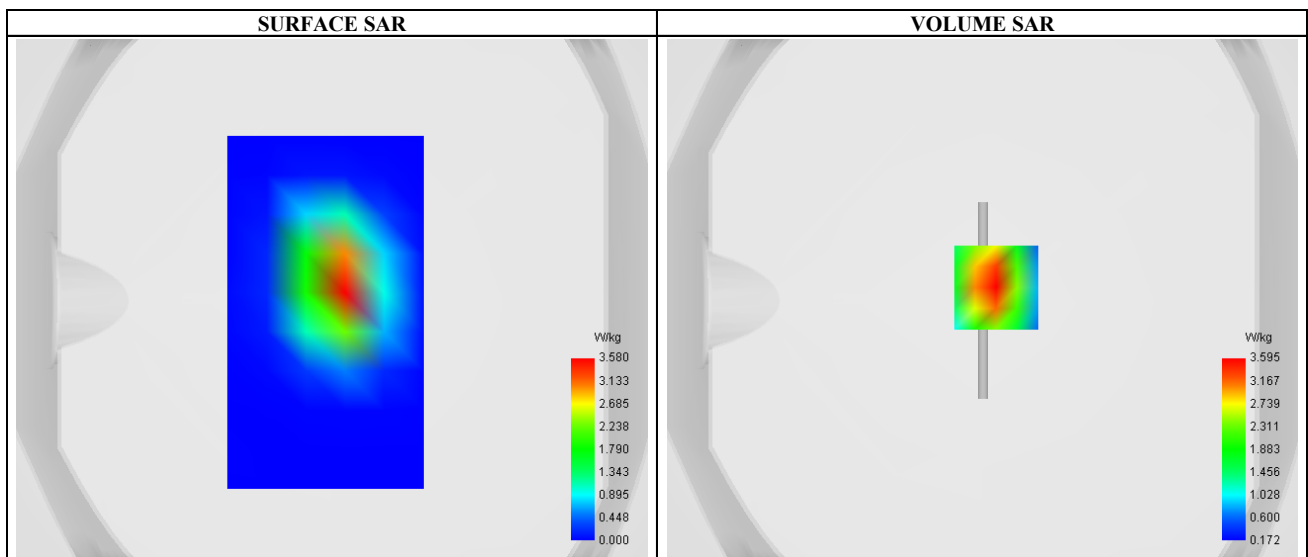
A. Experimental conditions.

Probe	SN 39/21 EPG0523-403
ConvF	2.05
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW1800
Channels	Middle
Signal	CW (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	1800.000000
Relative permittivity (real part)	39.435114
Conductivity (S/m)	1.420224

C. SAR Surface and Volume

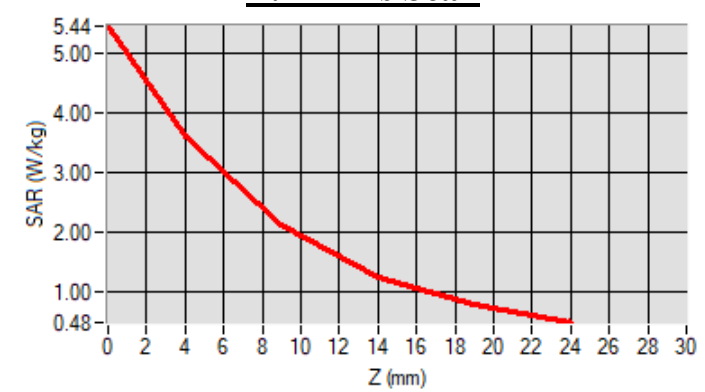


Maximum location: X=5.00, Y=5.00 ; SAR Peak: 5.52 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	1.859841
SAR 1g (W/Kg)	3.410879
Variation (%)	3.230000

E. Z Axis Scan



System check at 1900 MHz

Date of measurement: 20/10/2025

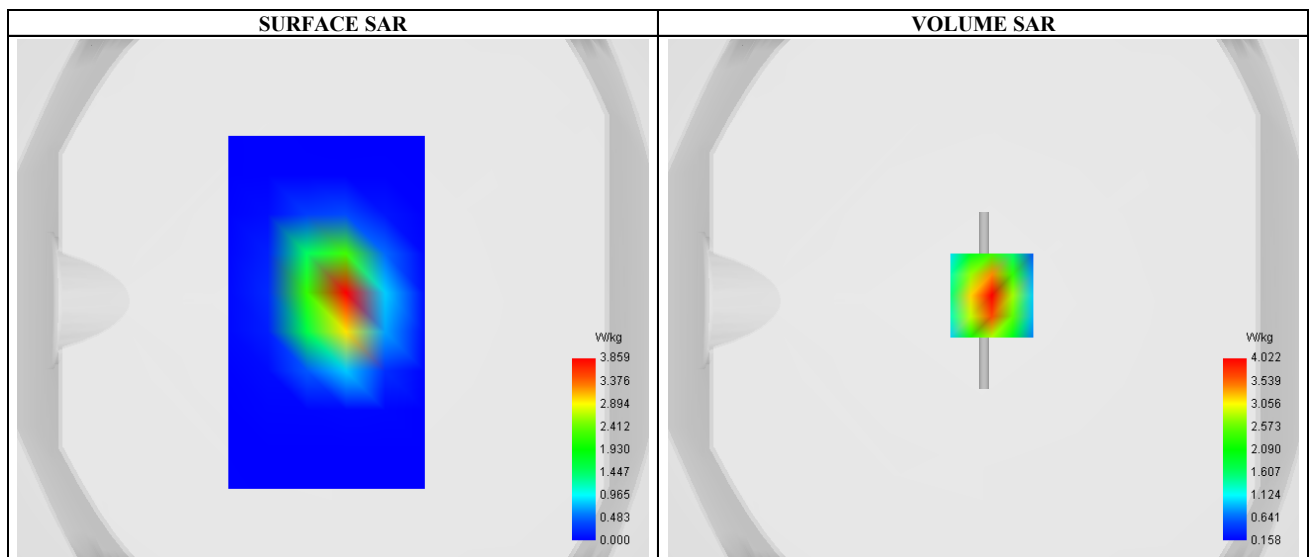
A. Experimental conditions.

Probe	SN 39/21 EPG00523-403
ConvF	2.05
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW1900
Channels	Middle
Signal	CW (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	1900.000000
Relative permittivity (real part)	39.393307
Conductivity (S/m)	1.461132

C. SAR Surface and Volume

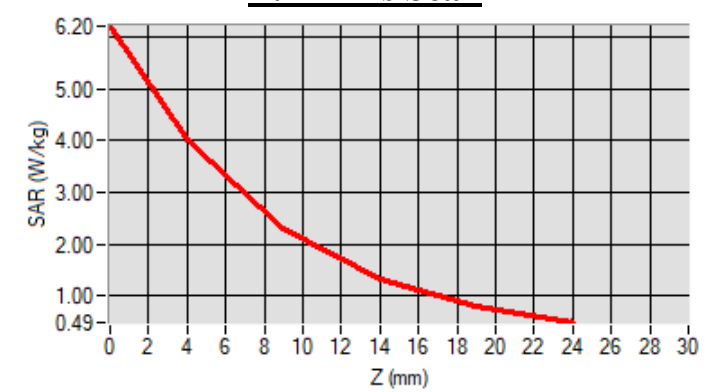


Maximum location: X=3.00, Y=2.00 ; SAR Peak: 6.24 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	1.960941
SAR 1g (W/Kg)	3.725874
Variation (%)	1.990000

E. Z Axis Scan



System check at 2450 MHz

Date of measurement: 22/10/2025

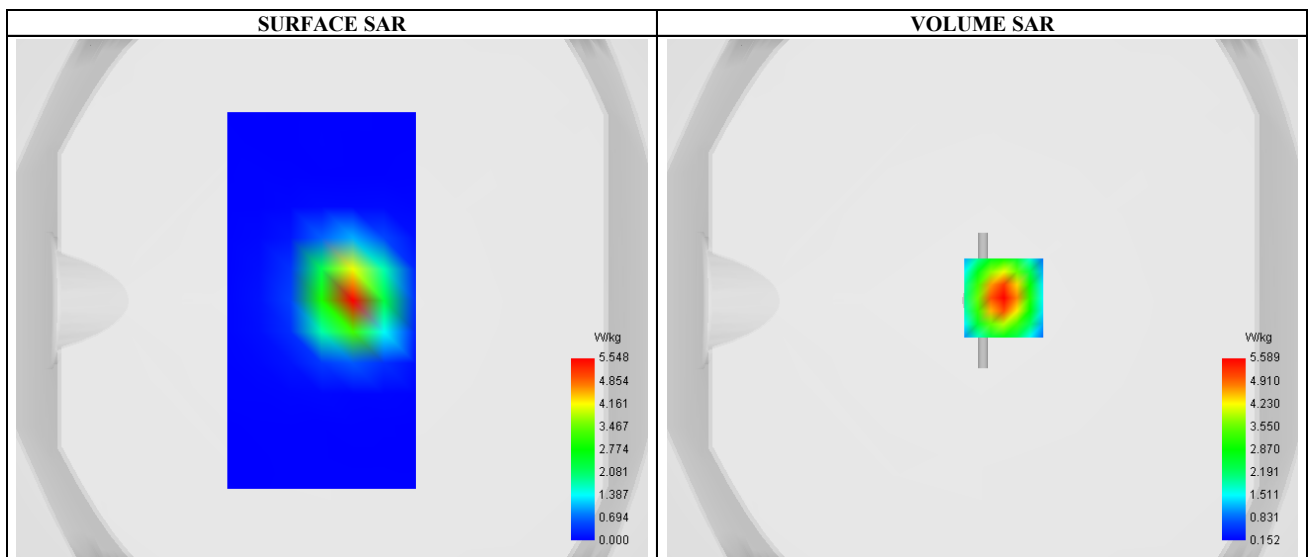
A. Experimental conditions.

Probe	SN 39/21 EPG00523-403
ConvF	2.38
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW2450
Channels	Middle
Signal	CW (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	2450.000000
Relative permittivity (real part)	38.761441
Conductivity (S/m)	1.830523

C. SAR Surface and Volume

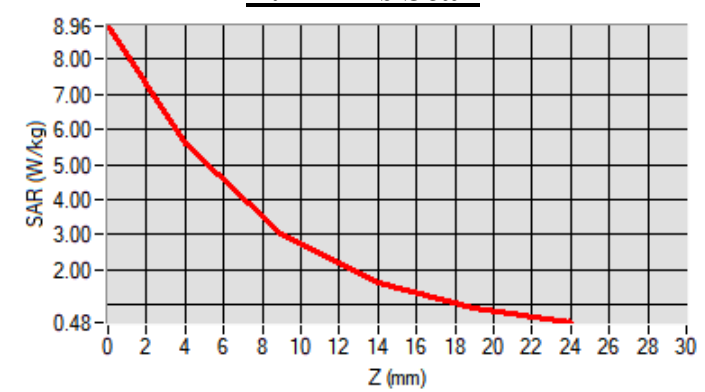


Maximum location: X=8.00, Y=1.00 ; SAR Peak: 8.94 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	2.466284
SAR 1g (W/Kg)	4.990264
Variation (%)	-3.490000

E. Z Axis Scan



System check at 2600 MHz

Date of measurement: 22/10/2025

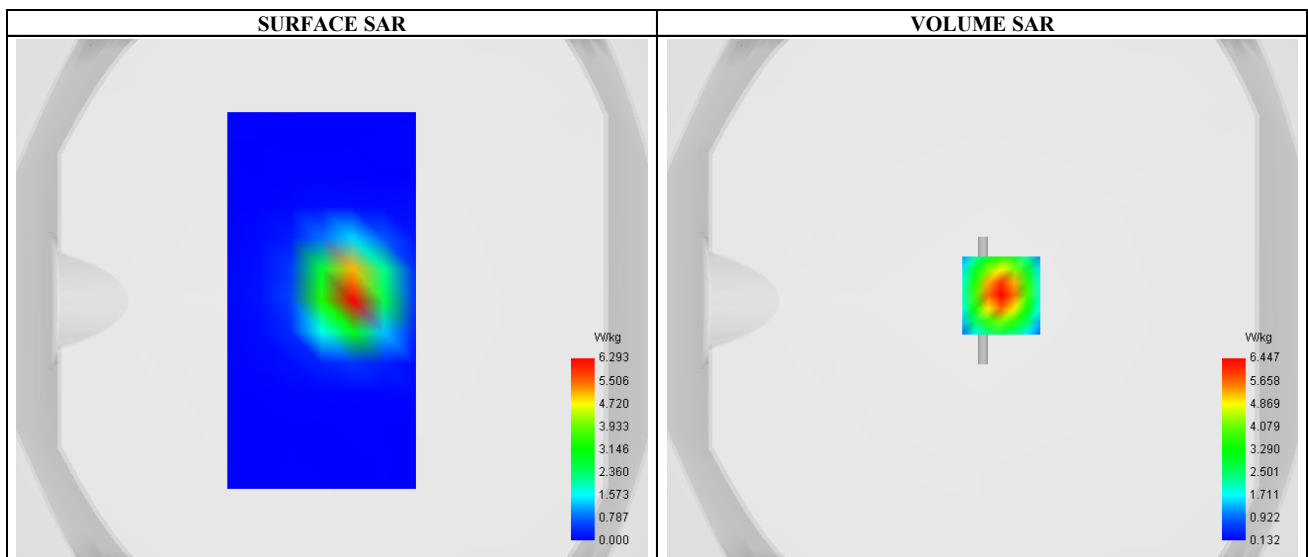
A. Experimental conditions.

Probe	SN 39/21 EPG0523-403
ConvF	2.35
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW2600
Channels	Middle
Signal	CW (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	2600.000000
Relative permittivity (real part)	38.509811
Conductivity (S/m)	1.991522

C. SAR Surface and Volume

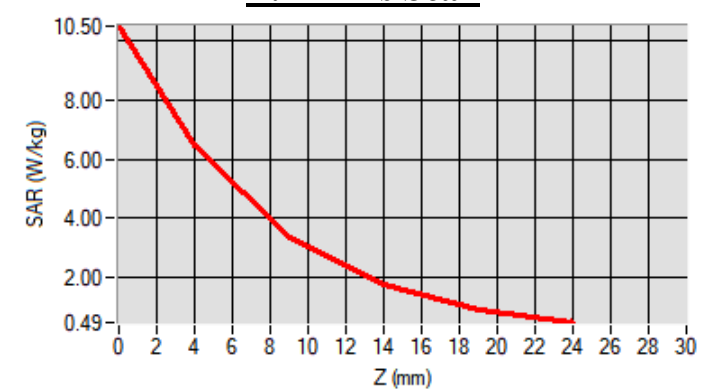


Maximum location: X=7.00, Y=2.00 ; SAR Peak: 10.51 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	2.634123
SAR 1g (W/Kg)	5.719087
Variation (%)	2.820000

E. Z Axis Scan



System check at 5200 MHz

Date of measurement: 27/10/2025

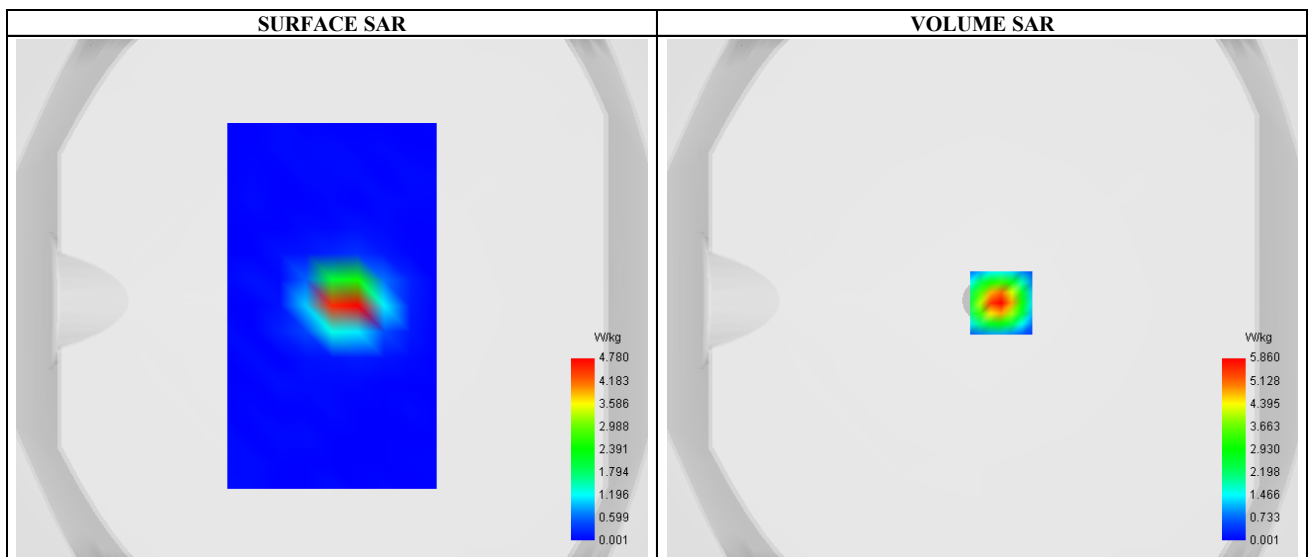
A. Experimental conditions.

Probe	SN 39/21 EPG0523-403
ConvF	2.30
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm,Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW5200
Channels	Middle
Signal	CW (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	5200.000000
Relative permittivity (real part)	36.846617
Conductivity (S/m)	4.737814

C. SAR Surface and Volume

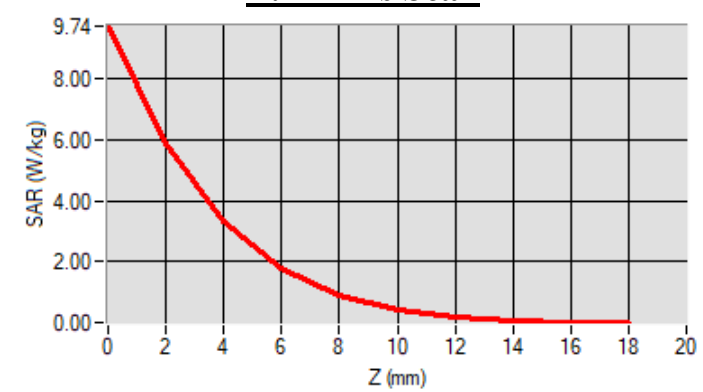


Maximum location: X=7.00, Y=-1.00 ; SAR Peak: 10.02 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.876008
SAR 1g (W/Kg)	3.129874
Variation (%)	1.190000

E. Z Axis Scan



System check at 5400 MHz

Date of measurement: 27/10/2025

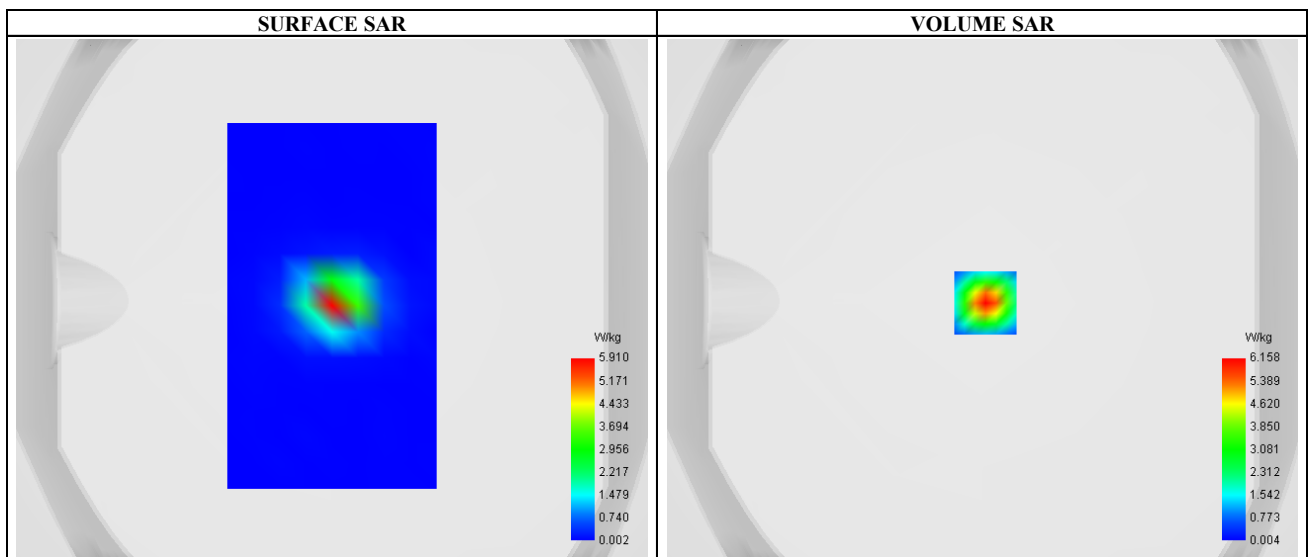
A. Experimental conditions.

Probe	SN 39/21 EPG0523-403
ConvF	2.30
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm,Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW5400
Channels	Middle
Signal	CW (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	5400.000000
Relative permittivity (real part)	36.575731
Conductivity (S/m)	4.960707

C. SAR Surface and Volume

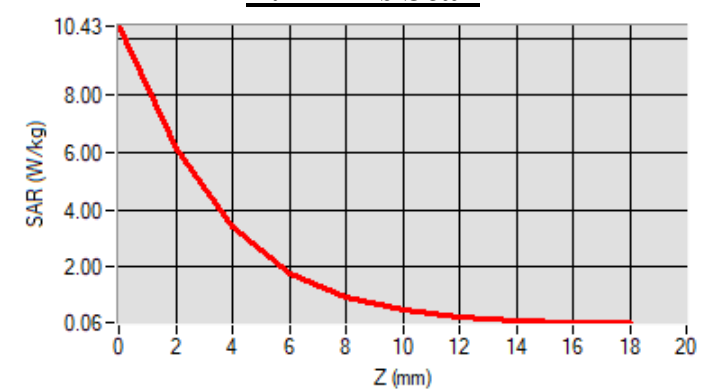


Maximum location: X=1.00, Y=-1.00 ; SAR Peak: 10.76 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.925501
SAR 1g (W/Kg)	3.260009
Variation (%)	-1.530000

E. Z Axis Scan



System check at 5600 MHz

Date of measurement: 28/10/2025

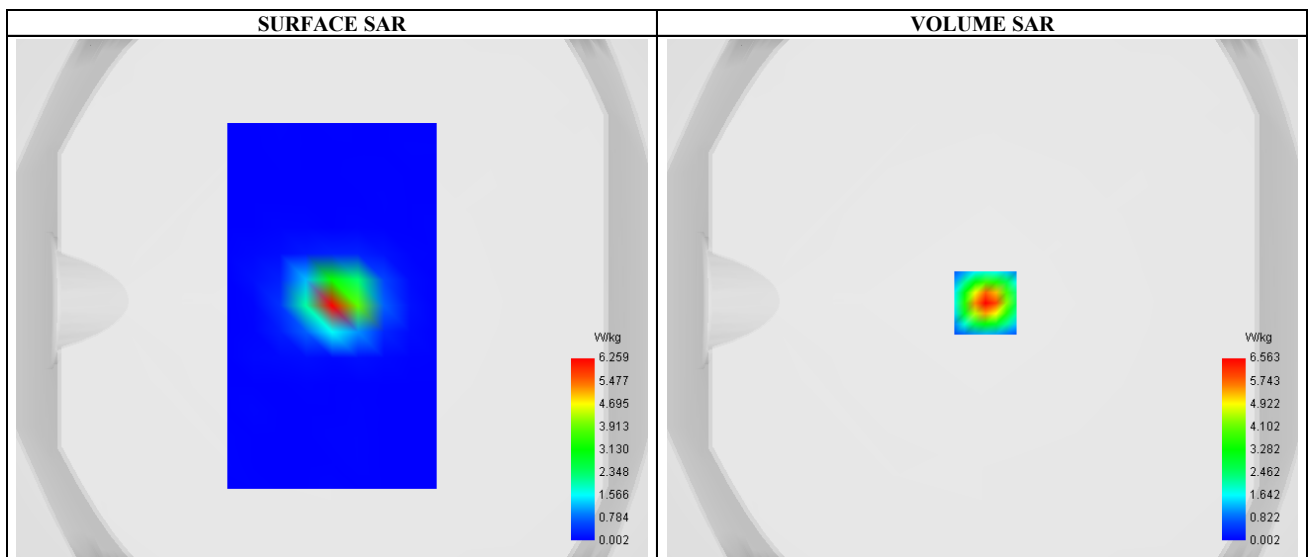
A. Experimental conditions.

Probe	SN 39/21 EPG00523-403
ConvF	2.29
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm,Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW5600
Channels	Middle
Signal	CW (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	5600.000000
Relative permittivity (real part)	36.297331
Conductivity (S/m)	5.184633

C. SAR Surface and Volume

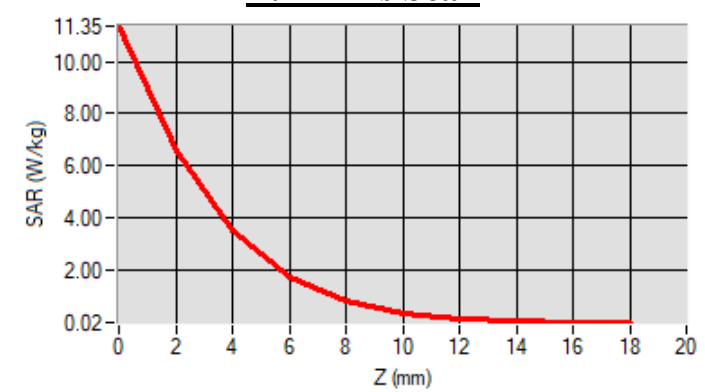


Maximum location: X=1.00, Y=-1.00 ; SAR Peak: 11.73 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.949611
SAR 1g (W/Kg)	3.274898
Variation (%)	2.020000

E. Z Axis Scan



System check at 5800 MHz

Date of measurement: 28/10/2025

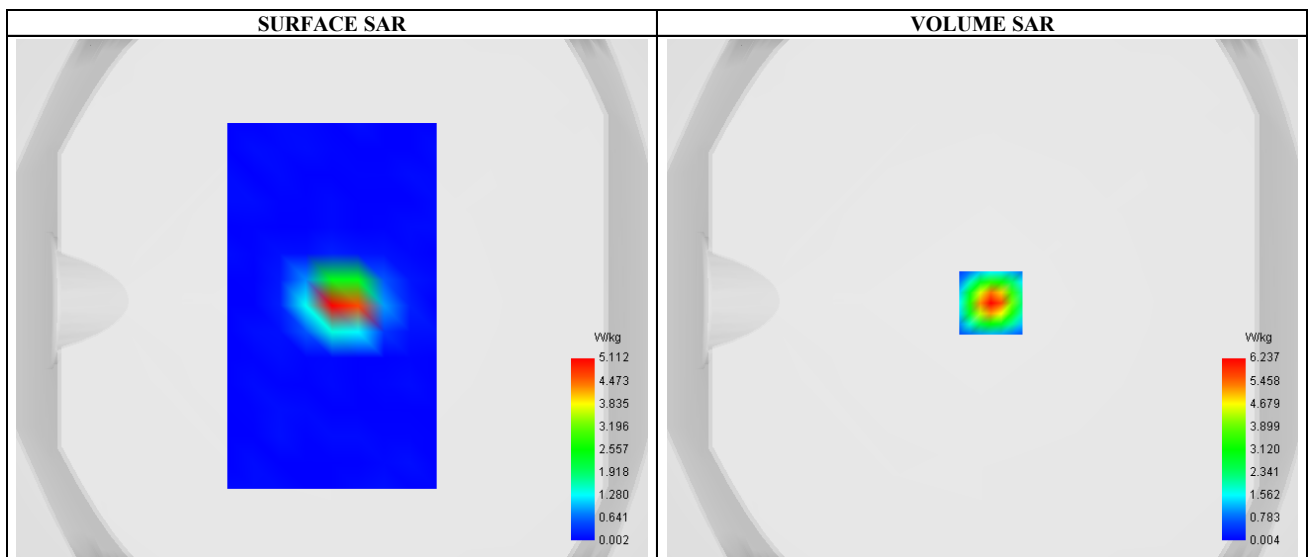
A. Experimental conditions.

Probe	SN 39/21 EPG00523-403
ConvF	2.27
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm,Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW5800
Channels	Middle
Signal	CW (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	5800.000000
Relative permittivity (real part)	36.010218
Conductivity (S/m)	5.411224

C. SAR Surface and Volume

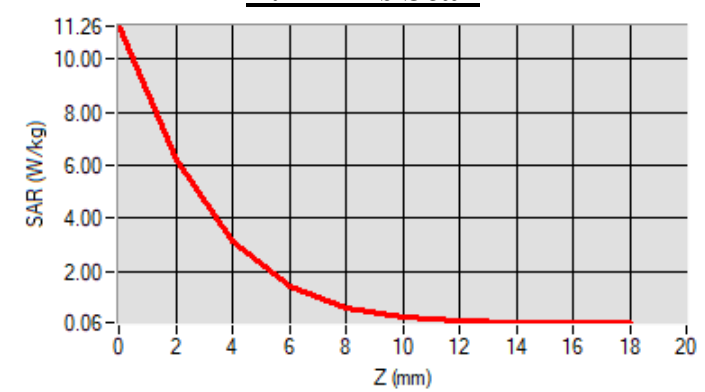


Maximum location: X=3.00, Y=-1.00 ; SAR Peak: 11.72 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.920089
SAR 1g (W/Kg)	3.205801
Variation (%)	1.550000

E. Z Axis Scan



Appendix C. SAR Test Plots

SAR Measurement at GSM850 (Cheek, Right)

Date of measurement: 14/10/2025

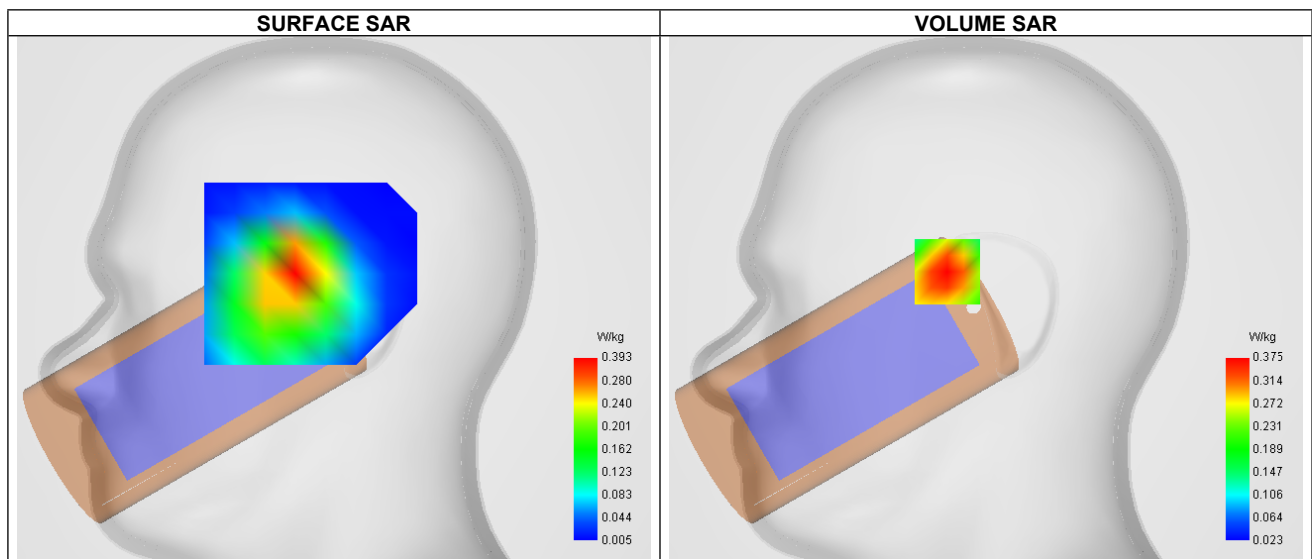
A. Experimental conditions.

Probe	SN 39/21 EPG00523-403
ConvF	1.66
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	GSM850
Channels	Middle
Signal	TDMA (Crest factor: 8.0)

B. Permittivity

Frequency (MHz)	836.599976
Relative permittivity (real part)	41.143152
Conductivity (S/m)	0.880552

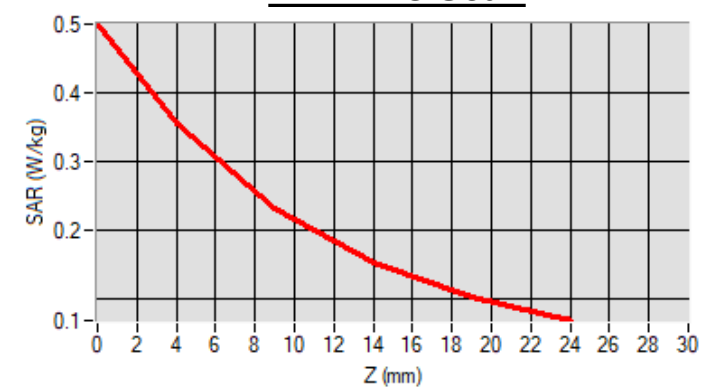
C. SAR Surface and Volume



D. SAR 1g & 10g

SAR 10g (W/Kg)	0.179643
SAR 1g (W/Kg)	0.345144
Variation (%)	-0.680000

E. Z Axis Scan



SAR Measurement at GSM1900 (Tilt, Right)

Date of measurement: 20/10/2025

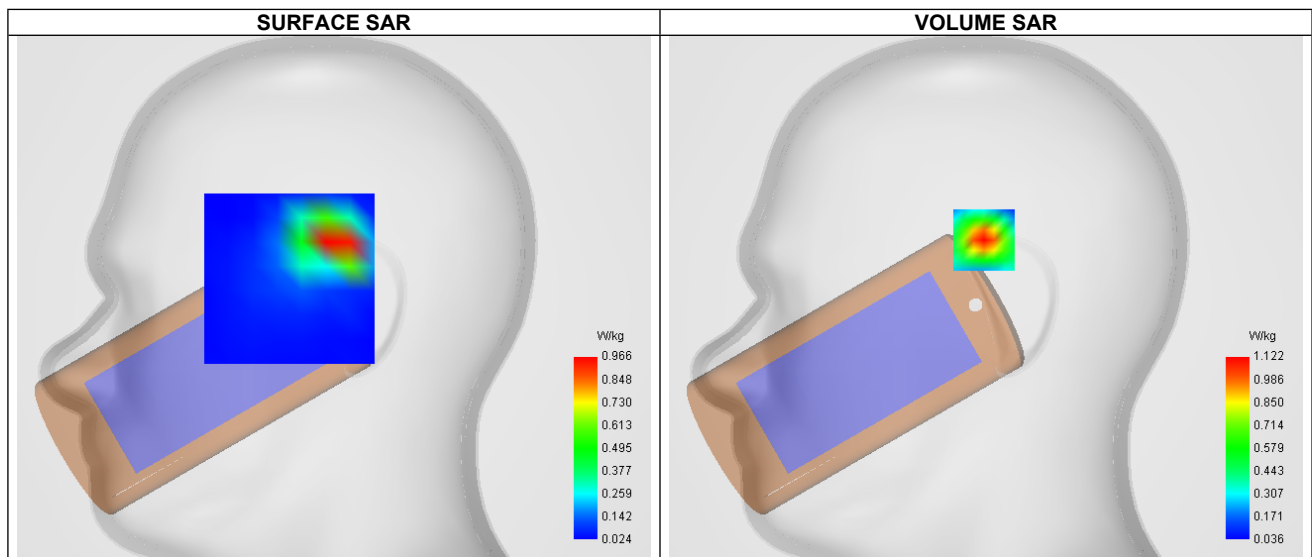
A. Experimental conditions.

Probe	SN 39/21 EPG00523-403
ConvF	2.05
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm, Complete
Phantom	Right head
Device Position	Tilt
Band	GSM1900
Channels	High
Signal	TDMA (Crest factor: 8.0)

B. Permittivity

Frequency (MHz)	1909.800000
Relative permittivity (real part)	39.390000
Conductivity (S/m)	1.400024

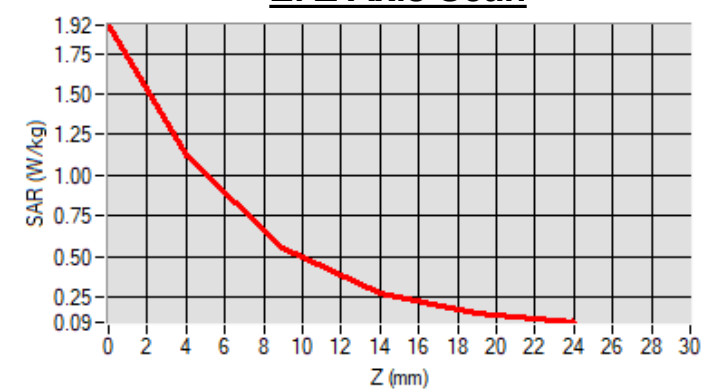
C. SAR Surface and Volume



D. SAR 1g & 10g

SAR 10g (W/Kg)	0.494648
SAR 1g (W/Kg)	0.997269
Variation (%)	0.100000

E. Z Axis Scan



SAR Measurement at Band2 WCDMA1900 (Cheek, Right)

Date of measurement: 20/10/2025

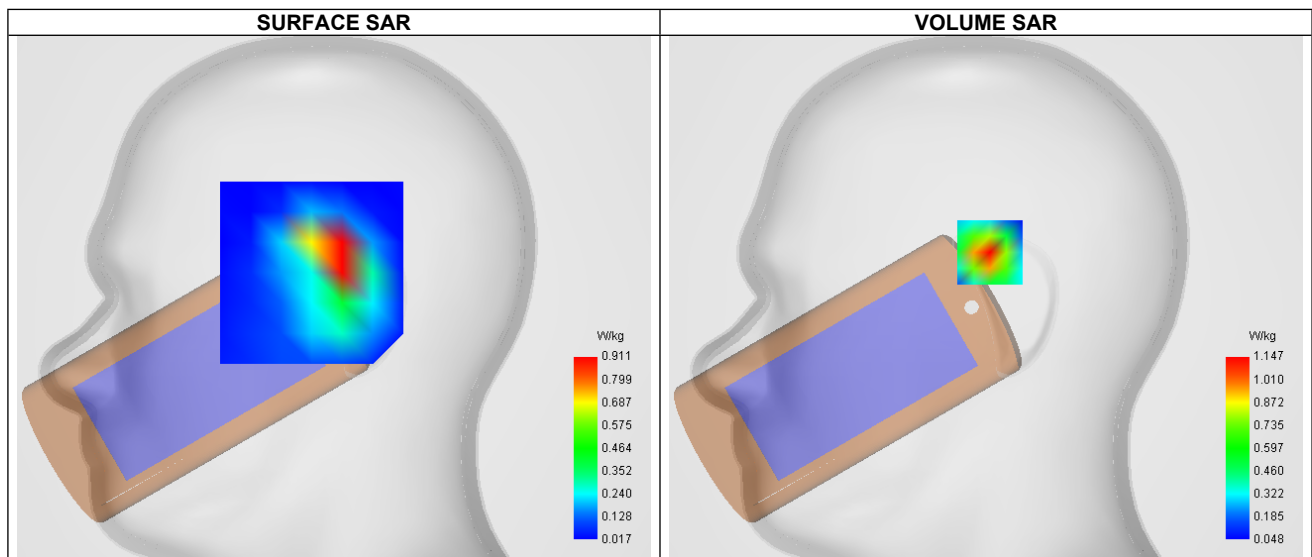
A. Experimental conditions.

Probe	SN 39/21 EPG00523-403
ConvF	2.05
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	Band2 WCDMA1900
Channels	Middle
Signal	WCDMA (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	1880.000000
Relative permittivity (real part)	39.391013
Conductivity (S/m)	1.461404

C. SAR Surface and Volume

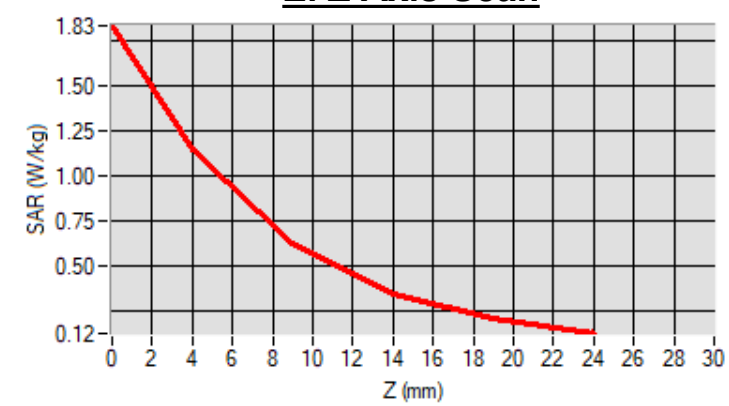


Maximum location: X=2.00, Y=23.00 ; SAR Peak: 1.88 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.520815
SAR 1g (W/Kg)	1.050056
Variation (%)	-0.730000

E. Z Axis Scan



SAR Measurement at CUSTOM (WCDMA 1700) (Tilt, Right)

Date of measurement: 20/10/2023

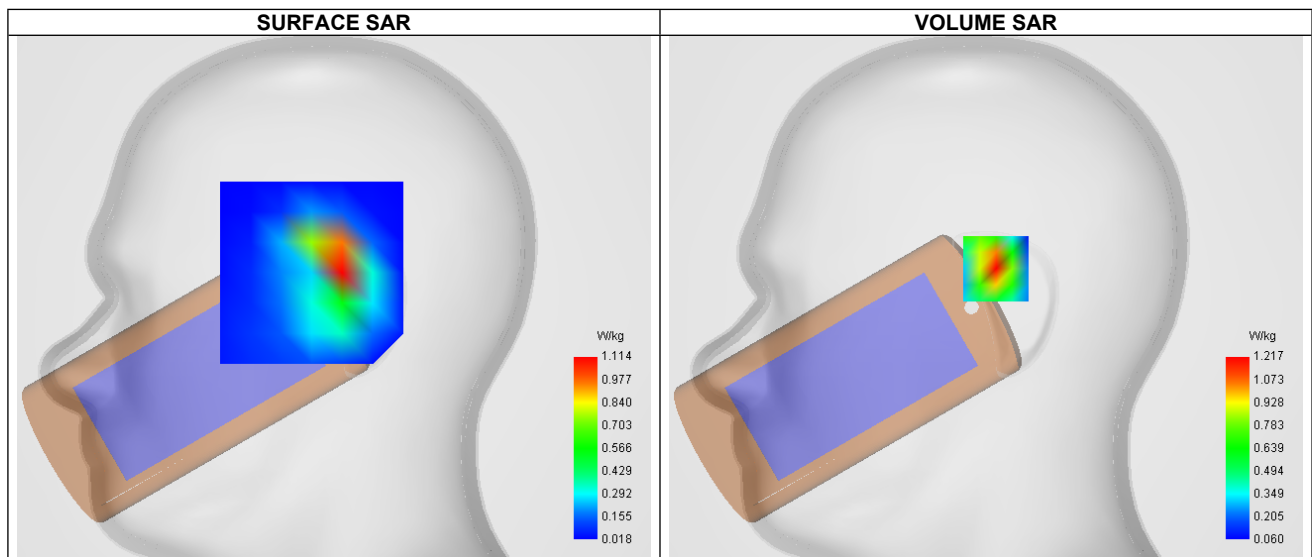
A. Experimental conditions.

Probe	SN 39/21 EPG00523-403
ConvF	2.09
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm, Complete
Phantom	Right head
Device Position	Tilt
Band	Band4 WCDMA1700
Channels	High
Signal	WCDMA (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	1752.599976
Relative permittivity (real part)	39.512511
Conductivity (S/m)	1.394135

C. SAR Surface and Volume

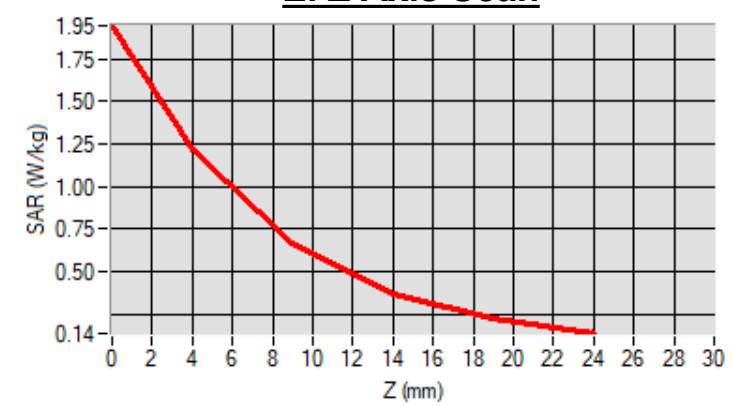


Maximum location: X=5.00, Y=15.00 ; SAR Peak: 1.94 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.560443
SAR 1g (W/Kg)	0.970361
Variation (%)	-3.660000

E. Z Axis Scan



SAR Measurement at Band5 WCDMA850 (Cheek, Right)

Date of measurement: 14/10/2023

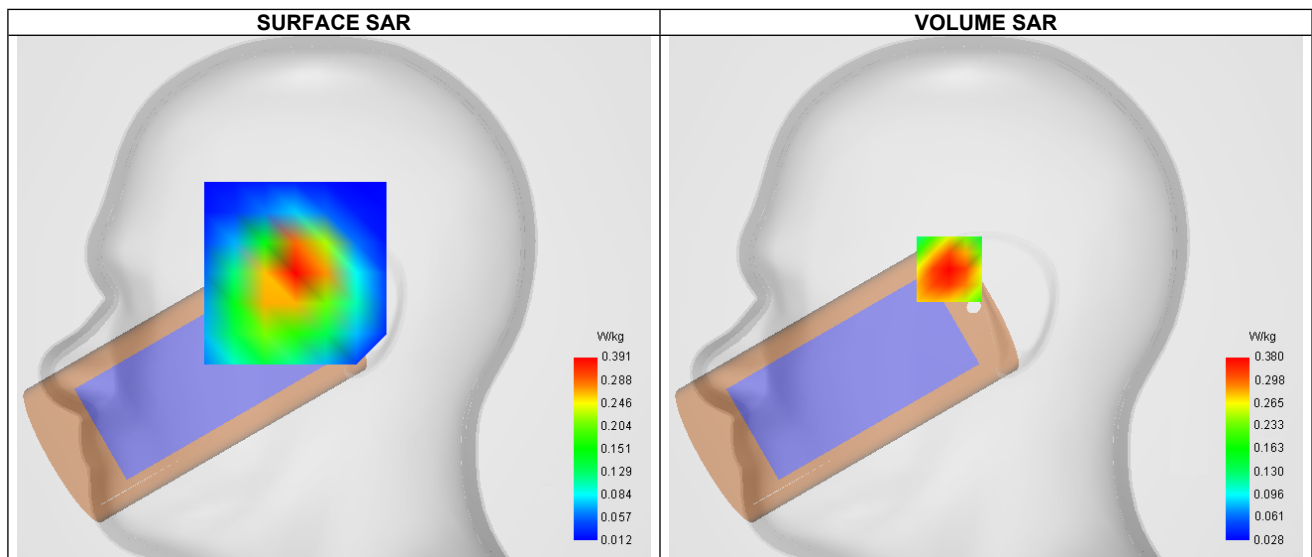
A. Experimental conditions.

Probe	SN 39/21 EPG00523-403
ConvF	1.66
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	Band5_WCDMA850
Channels	Middle
Signal	WCDMA (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	836.599976
Relative permittivity (real part)	41.143152
Conductivity (S/m)	0.880552

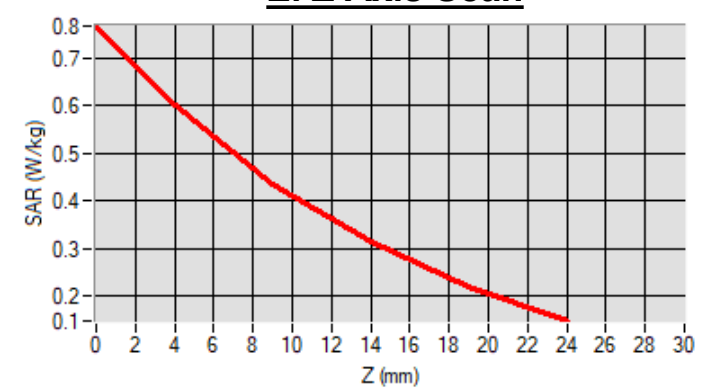
C. SAR Surface and Volume



D. SAR 1g & 10g

SAR 10g (W/Kg)	0.195588
SAR 1g (W/Kg)	0.362166
Variation (%)	-1.270000

E. Z Axis Scan



SAR Measurement at LTE band 2 (Tilt, Right)

Date of measurement: 20/10/2025

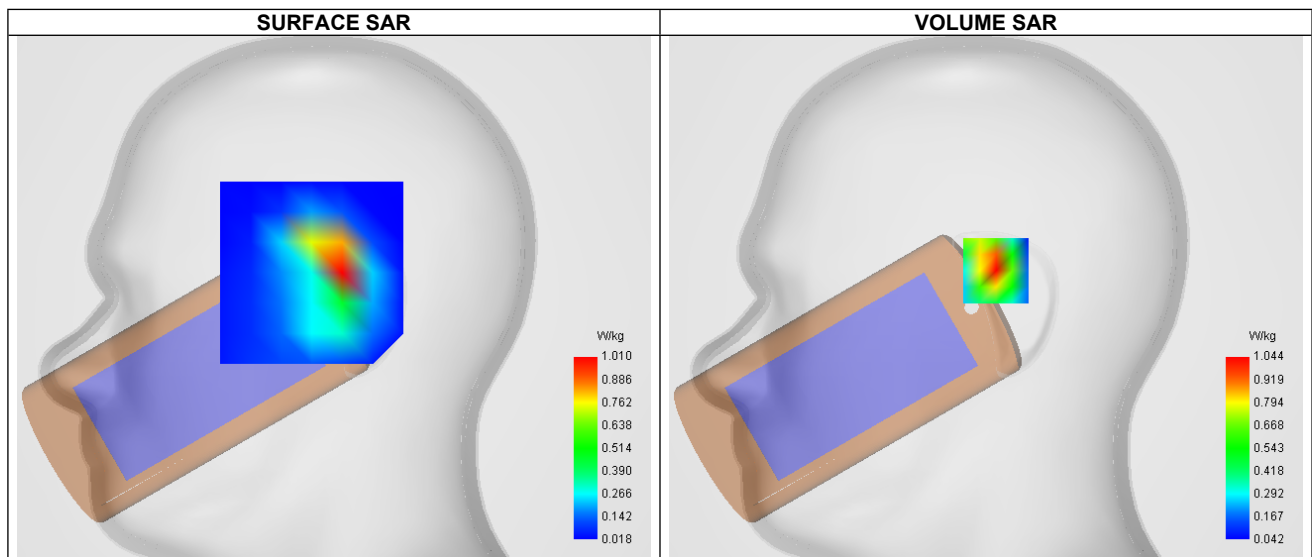
A. Experimental conditions.

Probe	SN 39/21 EPGO0523-403
ConvF	2.05
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Tilt
Band	LTE band 2
Channels	Middle
Signal	LTE (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	1880.000000
Relative permittivity (real part)	39.391013
Conductivity (S/m)	1.461404

C. SAR Surface and Volume

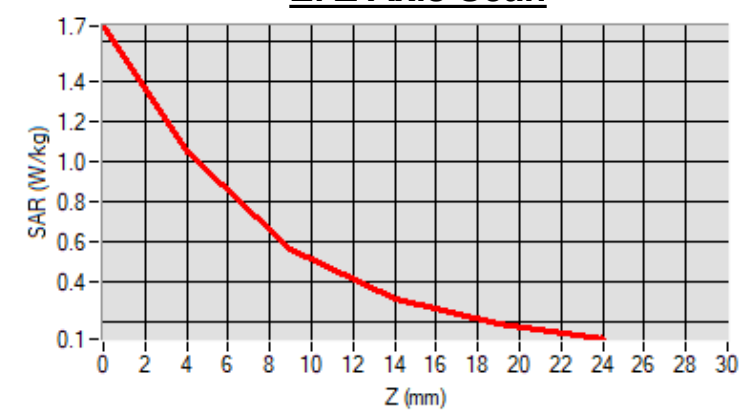


Maximum location: X=5.00, Y=14.00 ; SAR Peak: 1.69 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.489802
SAR 1g (W/Kg)	0.998327
Variation (%)	-1.600000

E. Z Axis Scan



SAR Measurement at CUSTOM (LTE Band 4) (Tilt, Right)

Date of measurement: 20/10/2025

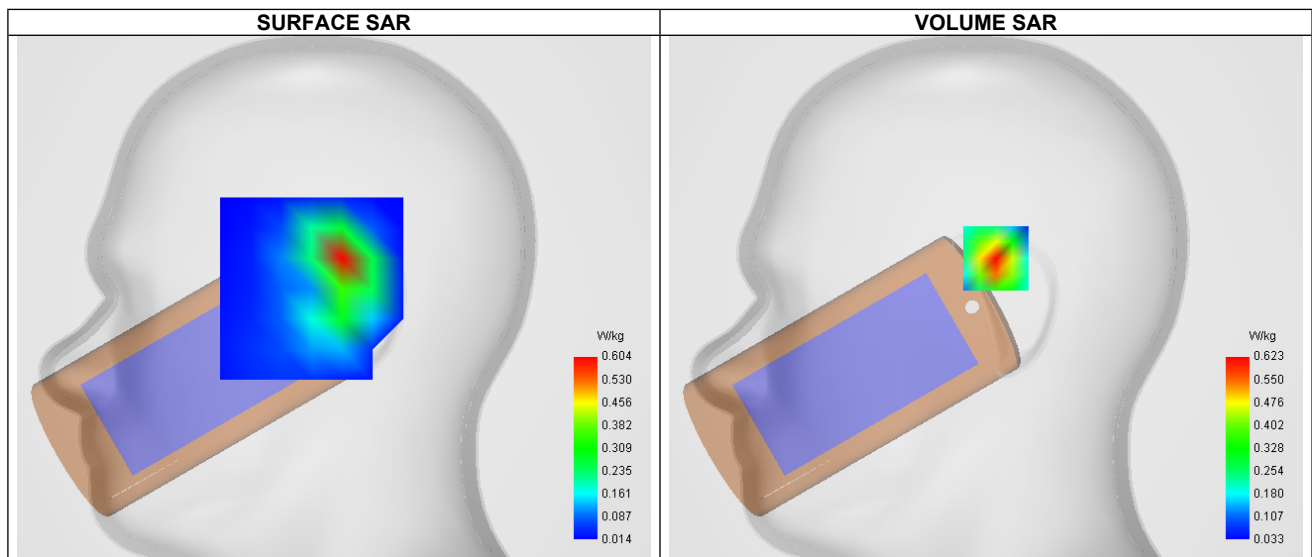
A. Experimental conditions.

Probe	SN 39/21 EPG00523-403
ConvF	2.09
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm, Complete
Phantom	Right head
Device Position	Tilt
Band	LTE band 4
Channels	Low
Signal	LTE (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	1720.000000
Relative permittivity (real part)	39.513174
Conductivity (S/m)	1.393935

C. SAR Surface and Volume

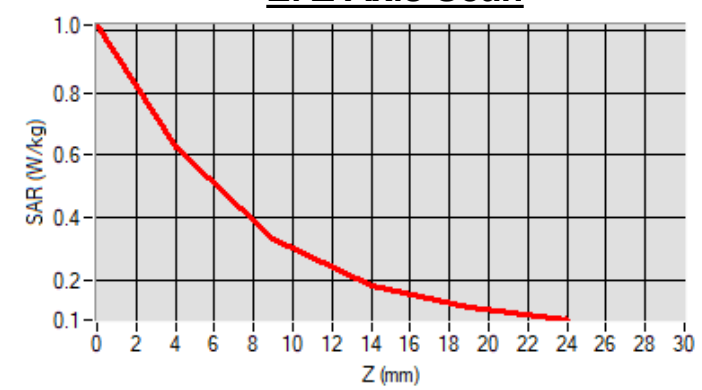


Maximum location: X=5.00, Y=20.00 ; SAR Peak: 1.03 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.293607
SAR 1g (W/Kg)	0.574129
Variation (%)	0.810000

E. Z Axis Scan



SAR Measurement at LTE band 5 (Cheek, Right)

Date of measurement: 14/10/2025

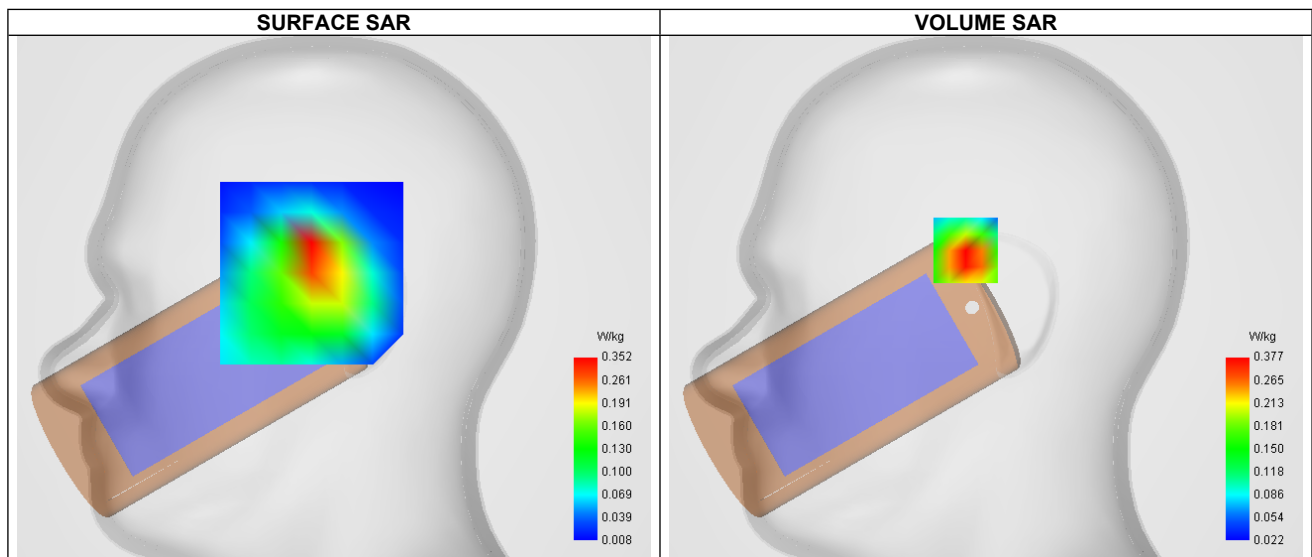
A. Experimental conditions.

Probe	SN 39/21 EPG00523-403
ConvF	1.66
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	LTE band 5
Channels	Middle
Signal	LTE (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	836.500000
Relative permittivity (real part)	41.142325
Conductivity (S/m)	0.880644

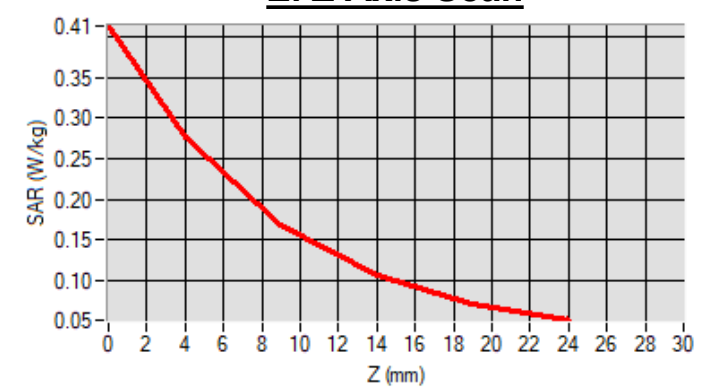
C. SAR Surface and Volume



D. SAR 1g & 10g

SAR 10g (W/Kg)	0.120553
SAR 1g (W/Kg)	0.298132
Variation (%)	-1.690000

E. Z Axis Scan



SAR Measurement at LTE band 7 (Tilt, Right)

Date of measurement: 22/10/2025

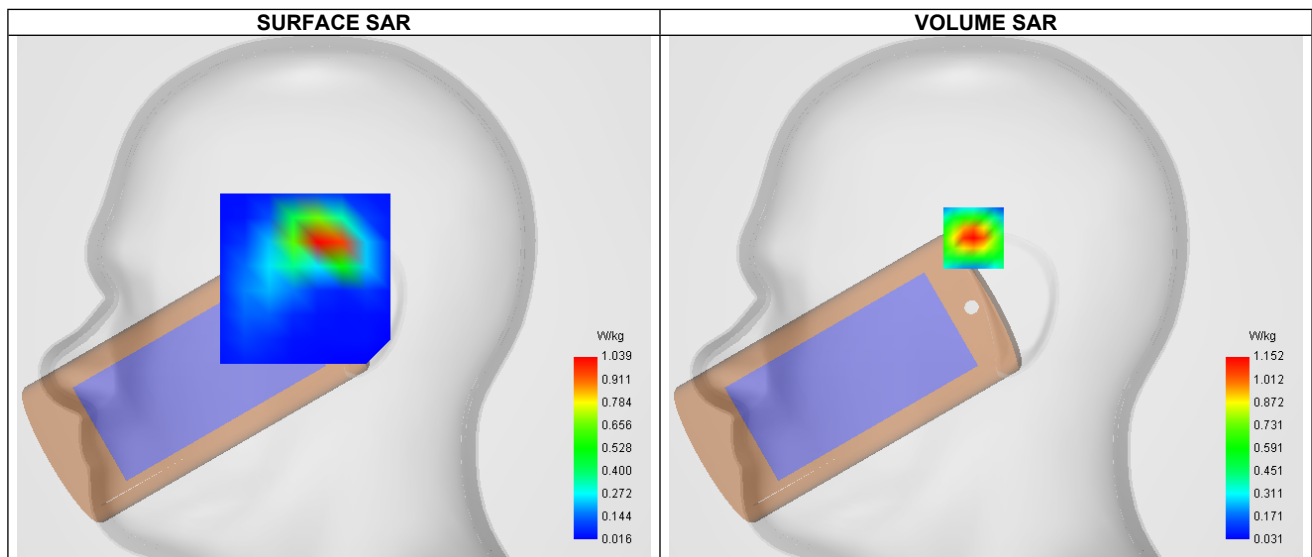
A. Experimental conditions.

Probe	SN 39/21 EPGO0523-403
ConvF	2.35
Area Scan	dx=12mm dy=12mm
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm,Complete
Phantom	Right head
Device Position	Tilt
Band	LTE band 7
Channels	Middle
Signal	LTE (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	2535.000000
Relative permittivity (real part)	38.511358
Conductivity (S/m)	1.986159

C. SAR Surface and Volume

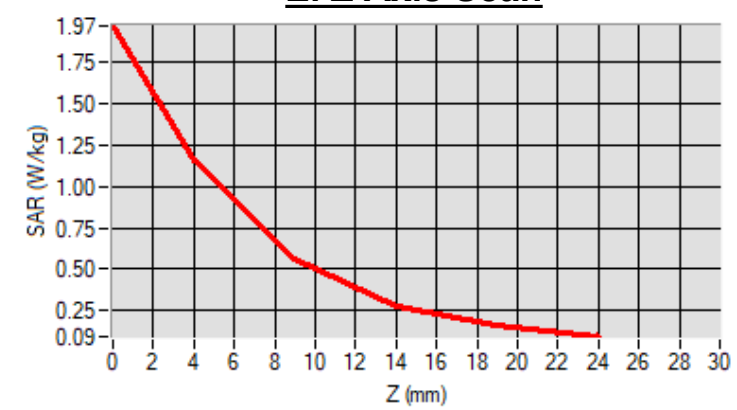


Maximum location: X=-6.00, Y=30.00 ; SAR Peak: 1.97 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.485608
SAR 1g (W/Kg)	1.029820
Variation (%)	-2.760000

E. Z Axis Scan



SAR Measurement at LTE band 12 (Tilt, Right)

Date of measurement: 12/10/2025

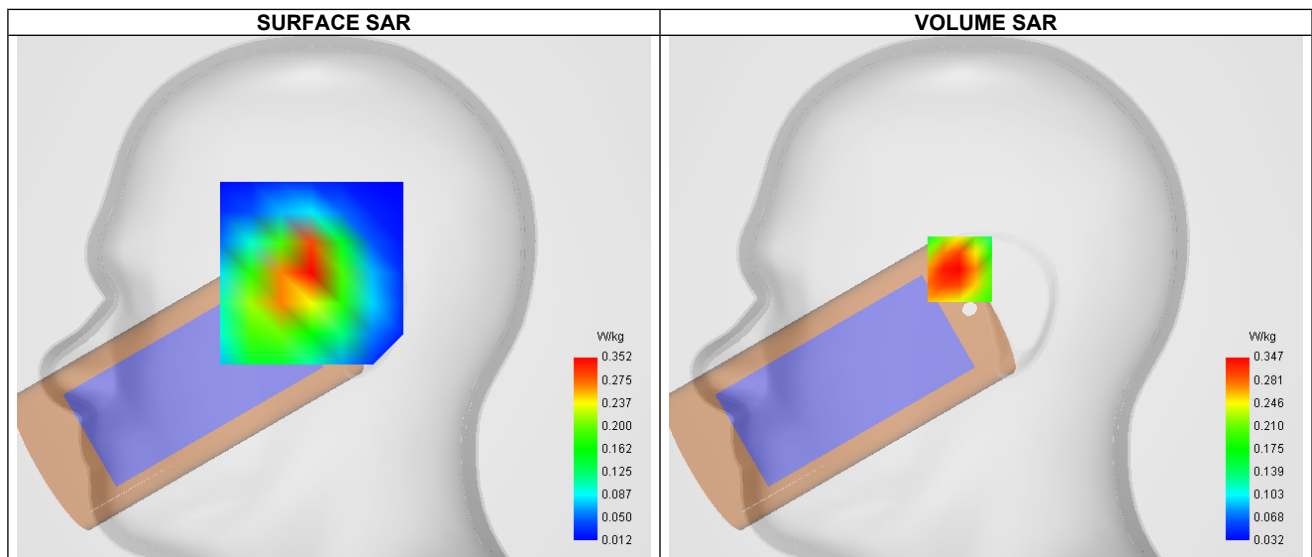
A. Experimental conditions.

Probe	SN 39/21 EPGO0523-403
ConvF	1.65
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm, Complete
Phantom	Right head
Device Position	Tilt
Band	LTE band 12
Channels	Middle
Signal	LTE (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	707.500000
Relative permittivity (real part)	41.326044
Conductivity (S/m)	0.891440

C. SAR Surface and Volume

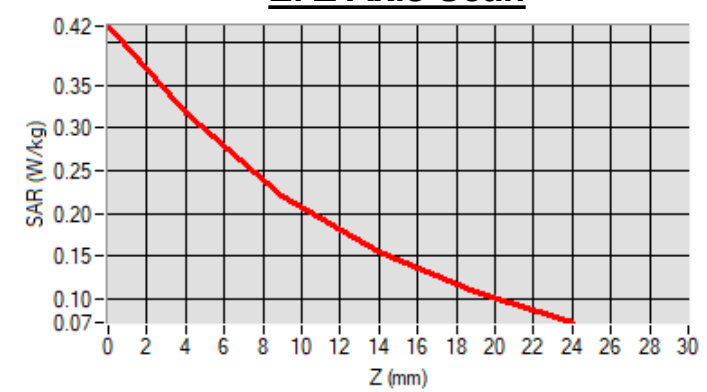


Maximum location: X=-13.00, Y=15.00 ; SAR Peak: 0.42 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.213543
SAR 1g (W/Kg)	0.322181
Variation (%)	0.000000

E. Z Axis Scan



SAR Measurement at LTE band 17 (Tilt, Right)

Date of measurement: 12/10/2025

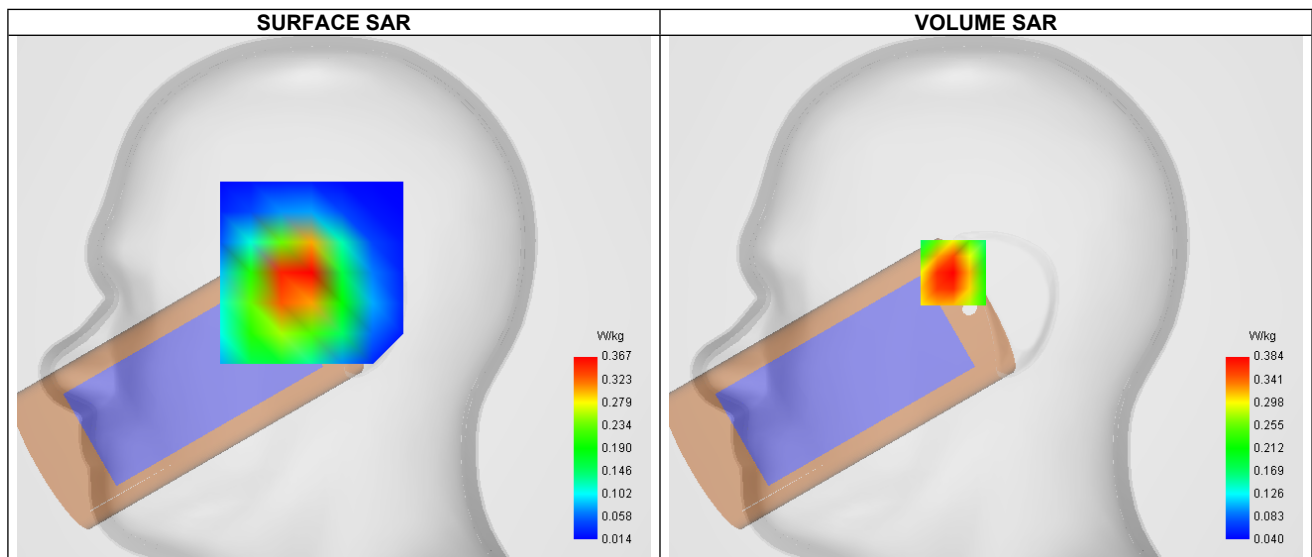
A. Experimental conditions.

Probe	SN 39/21 EPGO0523-403
ConvF	1.65
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Tilt
Band	LTE band 17
Channels	Middle
Signal	LTE (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	710.000000
Relative permittivity (real part)	41.323453
Conductivity (S/m)	0.892220

C. SAR Surface and Volume

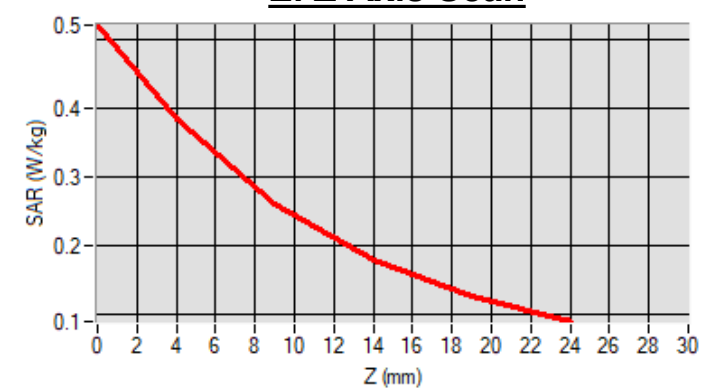


Maximum location: X=-16.00, Y=13.00 ; SAR Peak: 0.52 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.248823
SAR 1g (W/Kg)	0.332118
Variation (%)	-0.430000

E. Z Axis Scan



SAR Measurement at LTE band 26 (Tilt, Right)

Date of measurement: 14/10/2025

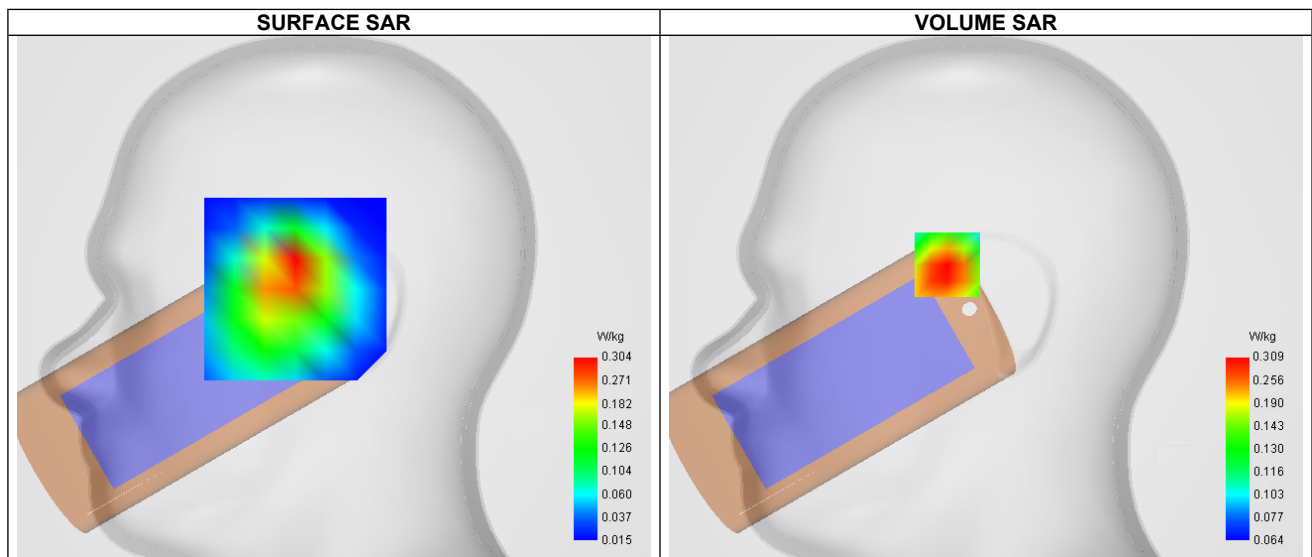
A. Experimental conditions.

Probe	SN 39/21 EPGO0523-403
ConvF	1.66
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm, Complete
Phantom	Right head
Device Position	Tilt
Band	LTE band 26
Channels	Middle
Signal	LTE (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	831.500000
Relative permittivity (real part)	41.153521
Conductivity (S/m)	0.881282

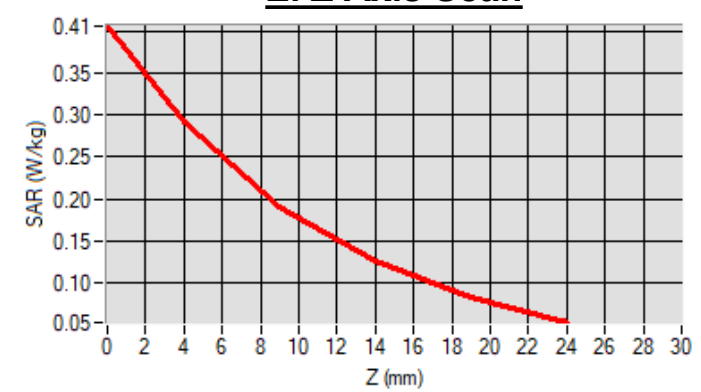
C. SAR Surface and Volume



D. SAR 1g & 10g

SAR 10g (W/Kg)	0.122305
SAR 1g (W/Kg)	0.258012
Variation (%)	1.330000

E. Z Axis Scan



SAR Measurement at LTE band 38 (Cheek, Right)

Date of measurement: 22/10/2025

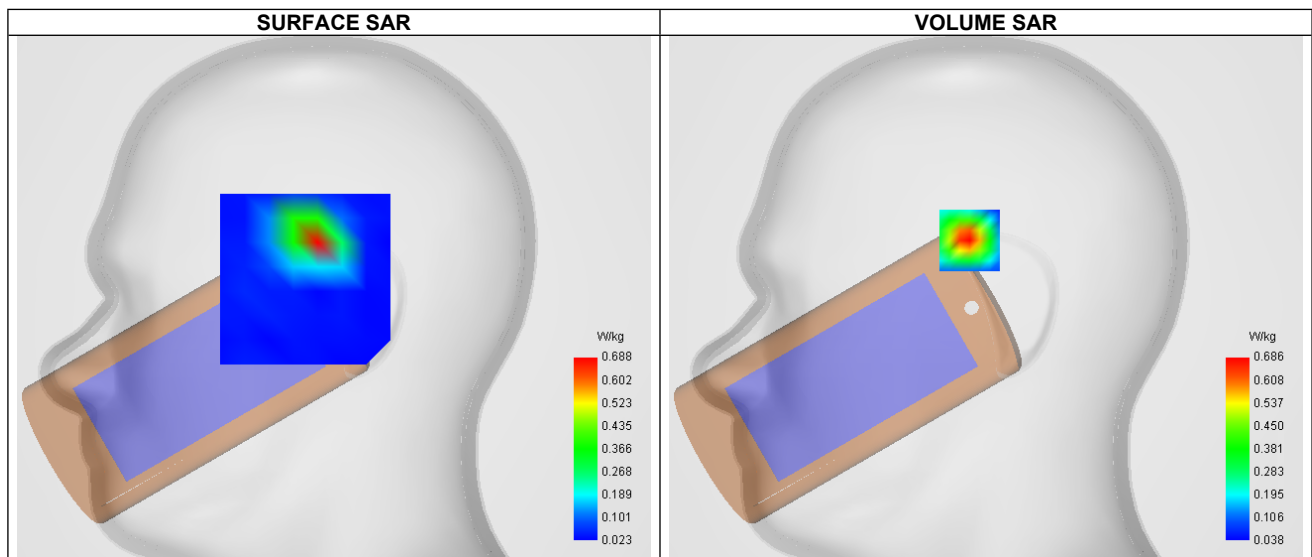
A. Experimental conditions.

Probe	SN 39/21 EPGO0523-403
ConvF	2.35
Area Scan	dx=12mm dy=12mm
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	LTE band 38
Channels	Middle
Signal	LTE (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	2580.000000
Relative permittivity (real part)	38.510021
Conductivity (S/m)	1.989660

C. SAR Surface and Volume

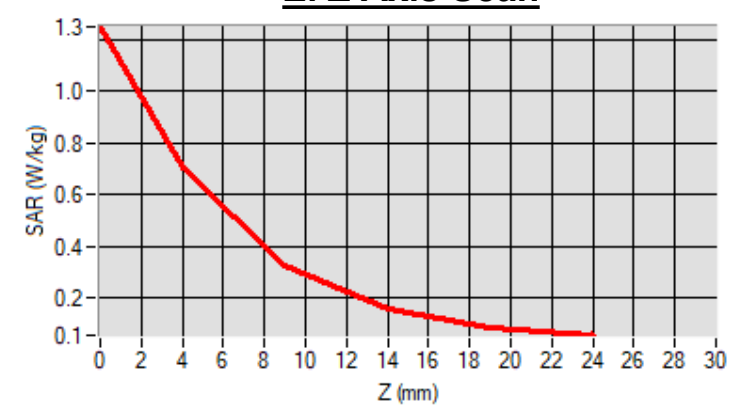


Maximum location: X=-8.00, Y=29.00 ; SAR Peak: 1.21 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.297131
SAR 1g (W/Kg)	0.594225
Variation (%)	1.140000

E. Z Axis Scan



SAR Measurement at LTE band 41 (Cheek, Right)

Date of measurement: 22/10/2025

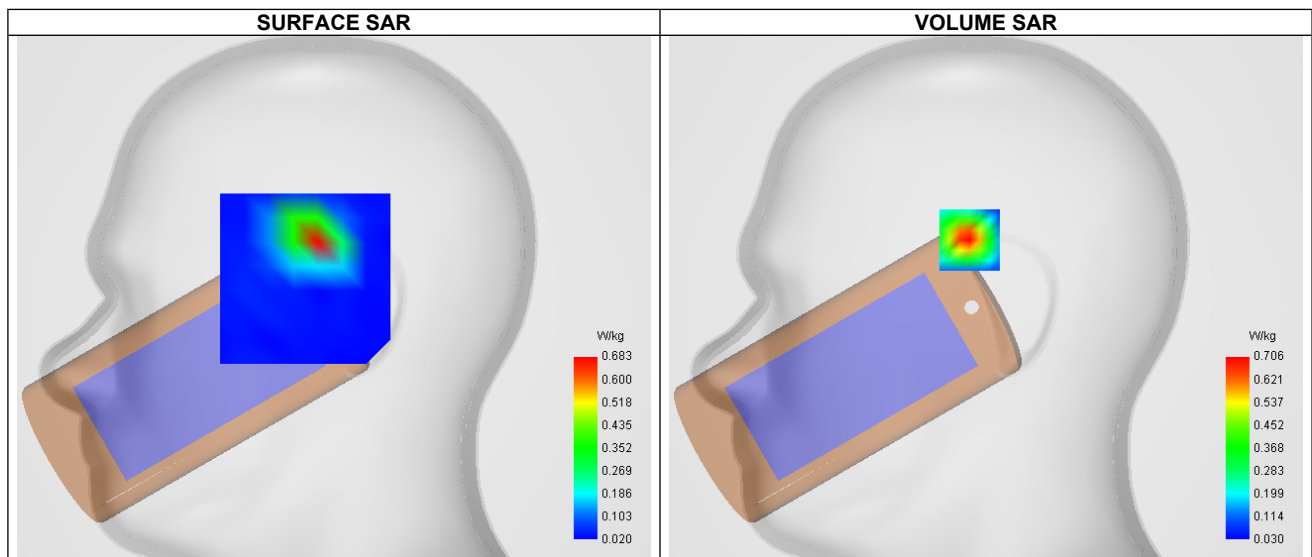
A. Experimental conditions.

Probe	SN 39/21 EPGO0523-403
ConvF	2.35
Area Scan	dx=12mm dy=12mm
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	LTE band 41
Channels	High
Signal	LTE (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	2645.000000
Relative permittivity (real part)	38.506668
Conductivity (S/m)	1.994660

C. SAR Surface and Volume

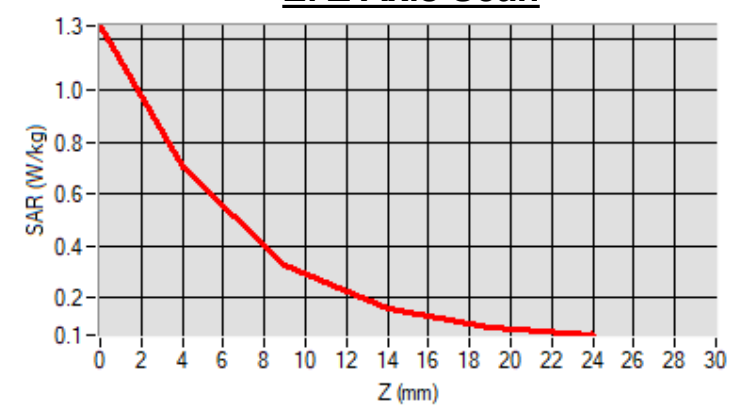


Maximum location: X=-8.00, Y=29.00 ; SAR Peak: 1.26 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.285065
SAR 1g (W/Kg)	0.628270
Variation (%)	-0.640000

E. Z Axis Scan



SAR Measurement at CUSTOM (LTE Band 66) (Tilt, Right)

Date of measurement: 20/10/2025

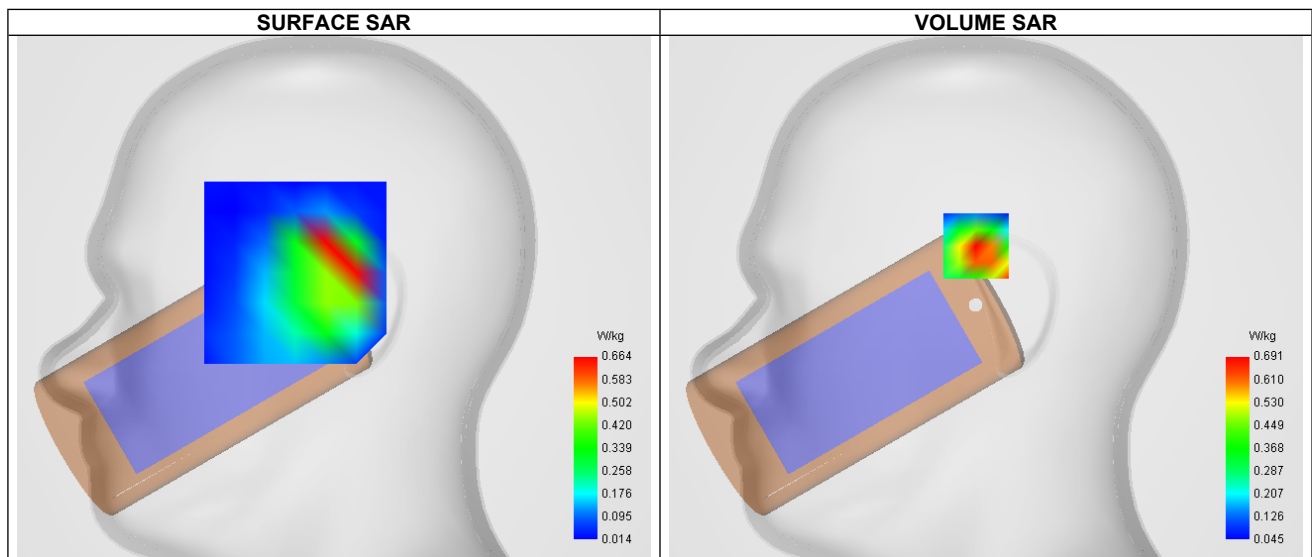
A. Experimental conditions.

Probe	SN 39/21 EPG00523-403
ConvF	2.09
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Tilt
Band	LTE band 66
Channels	Low
Signal	LTE (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	1720.00000
Relative permittivity (real part)	39.513174
Conductivity (S/m)	1.393935

C. SAR Surface and Volume

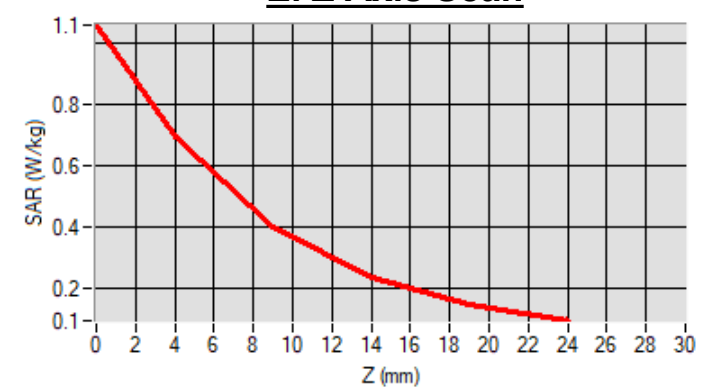


Maximum location: X=-5.00, Y=26.00 ; SAR Peak: 1.08 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.366061
SAR 1g (W/Kg)	0.612284
Variation (%)	-0.570000

E. Z Axis Scan



SAR Measurement at IEEE 802.11b ISM (Cheek, Left)

Date of measurement: 22/10/2025

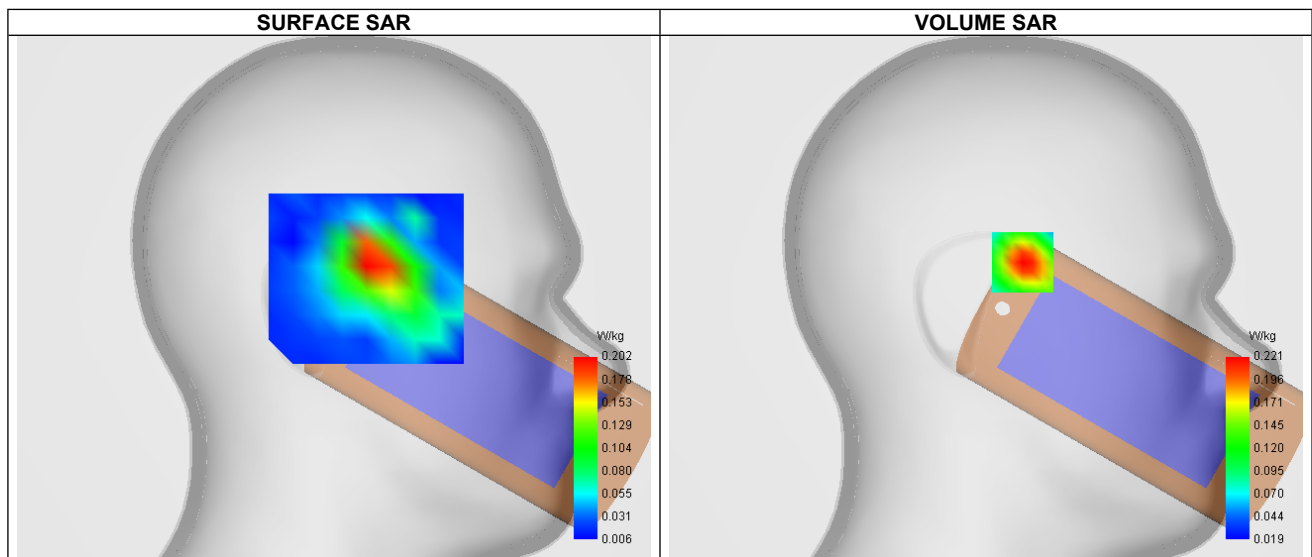
A. Experimental conditions.

Probe	SN 39/21 EPG00523-403
ConvF	2.38
Area Scan	dx=12mm dy=12mm
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm,Complete
Phantom	Left head
Device Position	Cheek
Band	IEEE 802.11b ISM
Channels	High
Signal	IEEE802.b (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	2462.000000
Relative permittivity (real part)	38.763000
Conductivity (S/m)	1.834028

C. SAR Surface and Volume

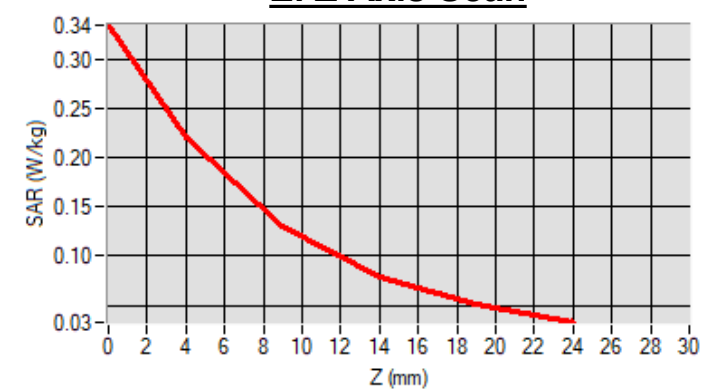


Maximum location: X=-18.00, Y=18.00 ; SAR Peak: 0.34 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.115427
SAR 1g (W/Kg)	0.180136
Variation (%)	-2.420000

E. Z Axis Scan



SAR Measurement at CUSTOM (5.2GHz 802.11a) (Cheek, Left)

Date of measurement: 27/10/2025

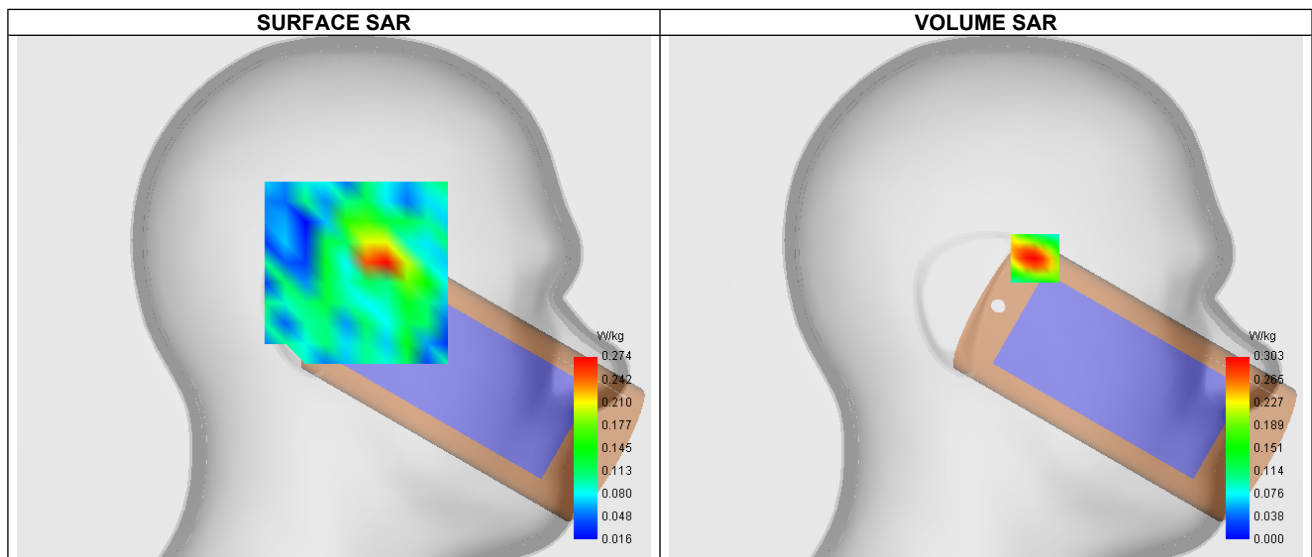
A. Experimental conditions.

Probe	SN 39/21 EPG00523-403
ConvF	2.30
Area Scan	dx=10mm dy=10mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm,Complete
Phantom	Left head
Device Position	Cheek
Band	IEEE802.a
Channels	High
Signal	IEEE802.a (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	5240.000000
Relative permittivity (real part)	36.859999
Conductivity (S/m)	4.741564

C. SAR Surface and Volume

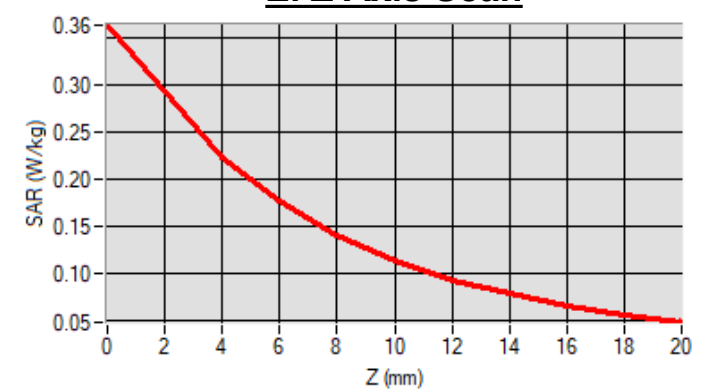


Maximum location: X=5.00, Y=15.00 ; SAR Peak: 0.37 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.147509
SAR 1g (W/Kg)	0.225216
Variation (%)	-0.830000

E. Z Axis Scan



SAR Measurement at CUSTOM (5.3GHz 802.11a) (Cheek, Left)

Date of measurement: 27/10/2025

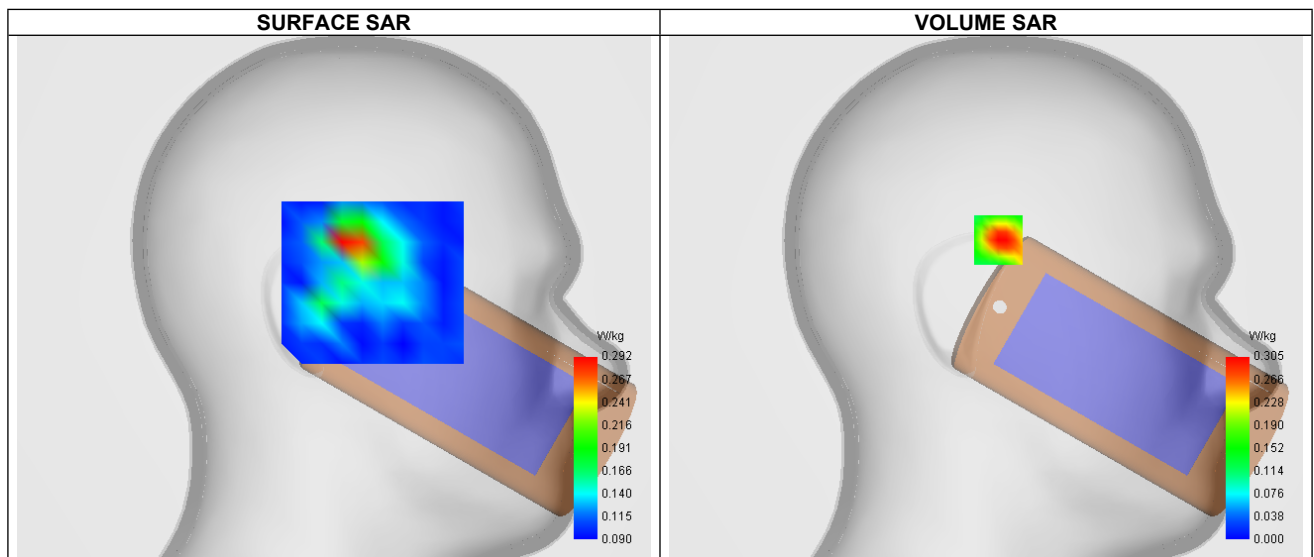
A. Experimental conditions.

Probe	SN 39/21 EPG00523-403
ConvF	2.30
Area Scan	dx=10mm dy=10mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm,Complete
Phantom	Left head
Device Position	Tilt
Band	IEEE802.a
Channels	Low
Signal	IEEE802.a (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	5320.000000
Relative permittivity (real part)	36.712360
Conductivity (S/m)	4.858690

C. SAR Surface and Volume



Maximum location: X=-6.00, Y=29.00 ; SAR Peak: 0.72 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.157421
SAR 1g (W/Kg)	0.224003
Variation (%)	-3.310000

E. Z Axis Scan

