

Appendix A: Plots of SAR System Check

System check at 750 MHz

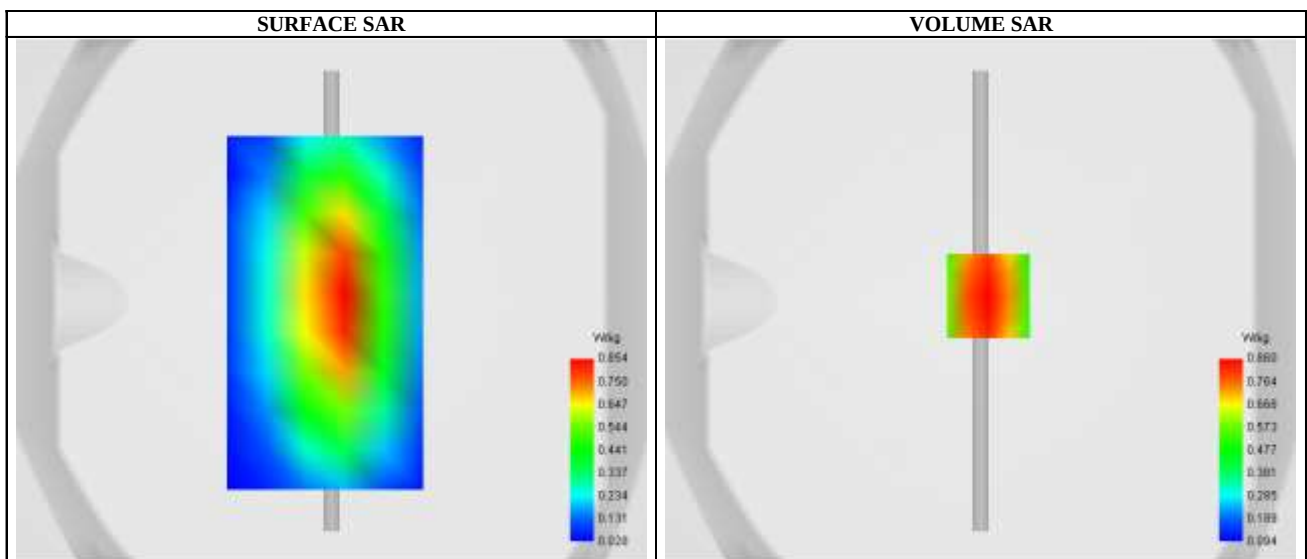
Date of measurement: 18/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	1.70
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

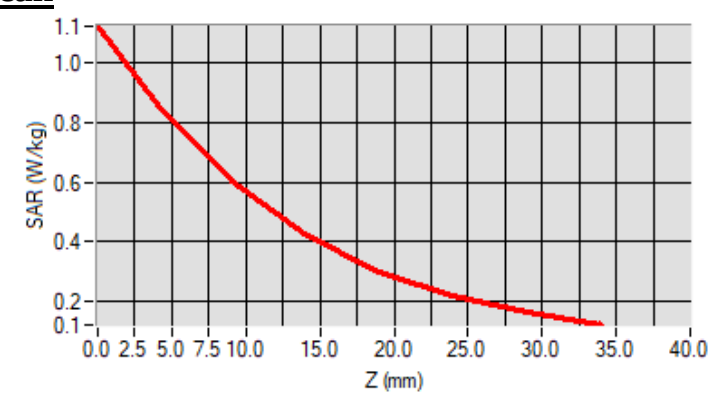
Frequency (MHz)	750.000000
Relative permittivity (real part)	41.948612
Conductivity (S/m)	0.872213

C. SAR Surface and Volume

Maximum location: X=3.00, Y=2.00 ; SAR Peak: 1.11 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.538283
SAR 1g (W/Kg)	0.839222
Variation (%)	-1.110000

E. Z Axis Scan

System check at 835 MHz

Date of measurement: 10/11/2022

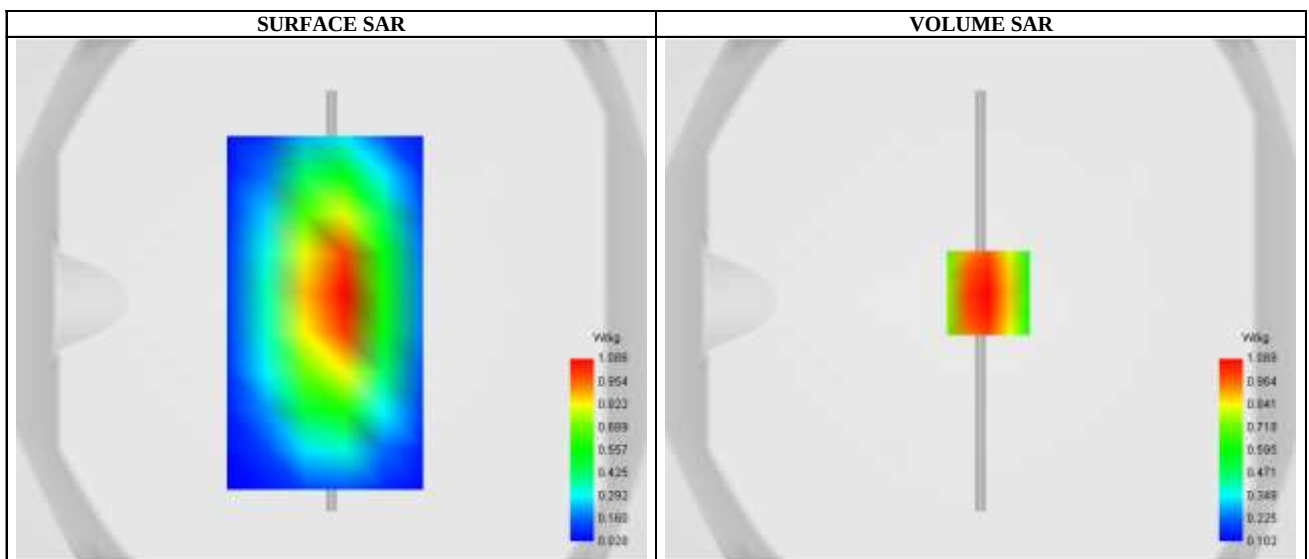
A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	1.73
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)	41.585135
Conductivity (S/m)	0.885612

C. SAR Surface and Volume

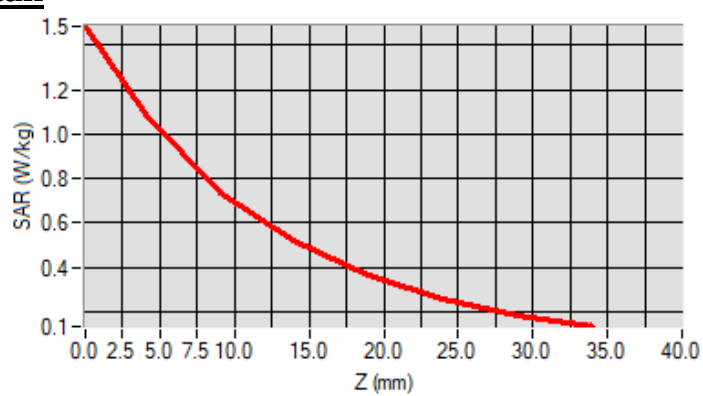


Maximum location: X=3.00, Y=3.00 ; SAR Peak: 1.47 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.594132
SAR 1g (W/Kg)	0.983841
Variation (%)	-2.140000

E. Z Axis Scan



System check at 1750 MHz

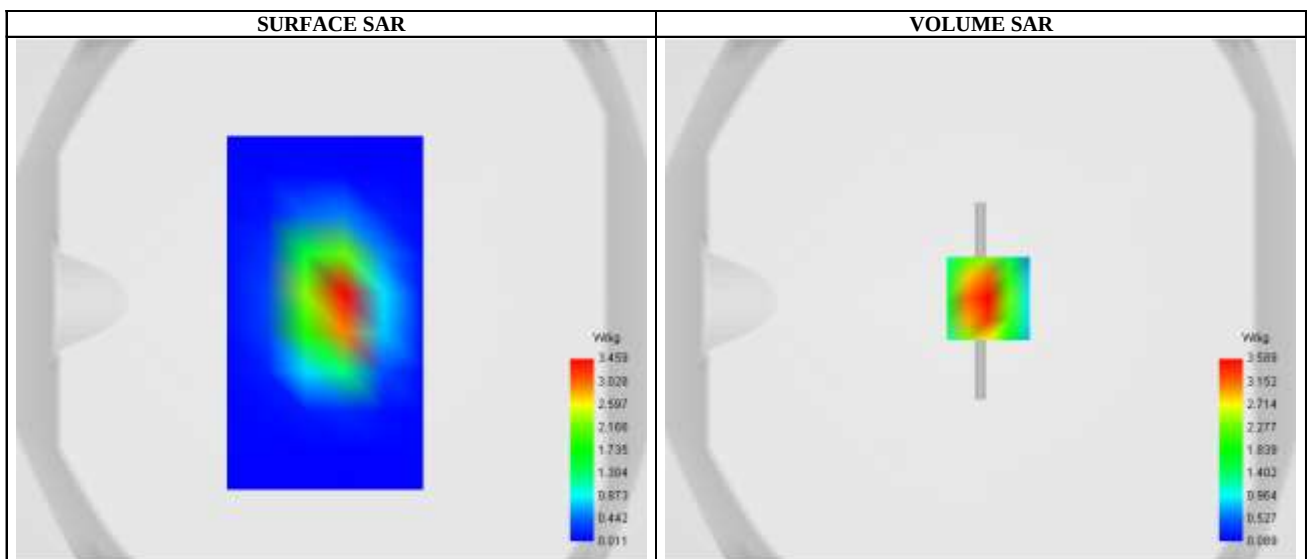
Date of measurement: 15/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
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	CW1750
Channels	Middle
Signal	CW (Crest factor: 1.0)

B. Permittivity

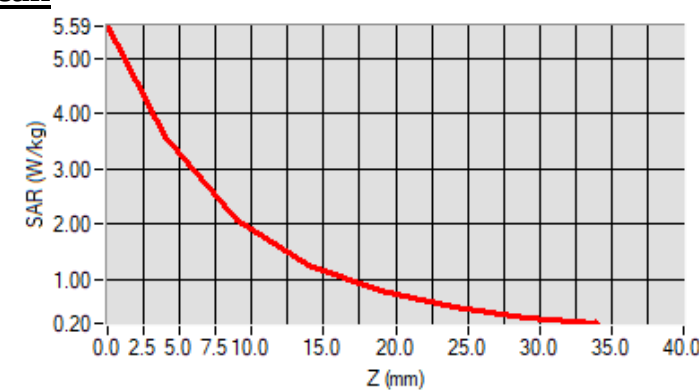
Frequency (MHz)	1750.000000
Relative permittivity (real part)	40.021284
Conductivity (S/m)	1.362156

C. SAR Surface and Volume

Maximum location: X=3.00, Y=1.00 ; SAR Peak: 5.65 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	1.910710
SAR 1g (W/Kg)	3.621843
Variation (%)	-2.130000

E. Z Axis Scan

System check at 1900 MHz

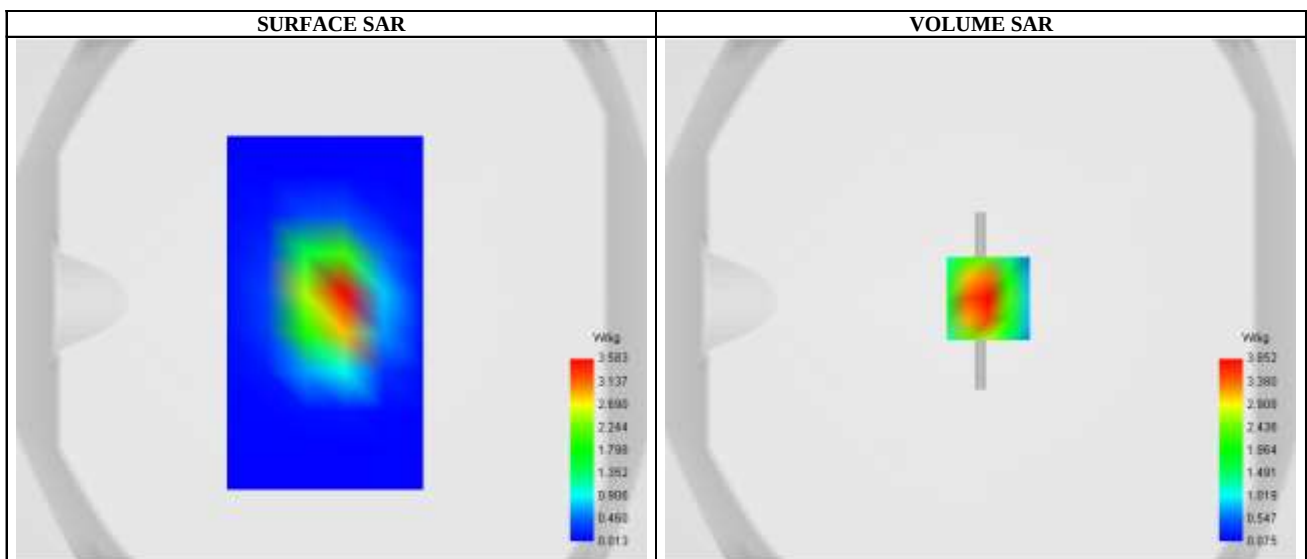
Date of measurement: 21/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.00
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

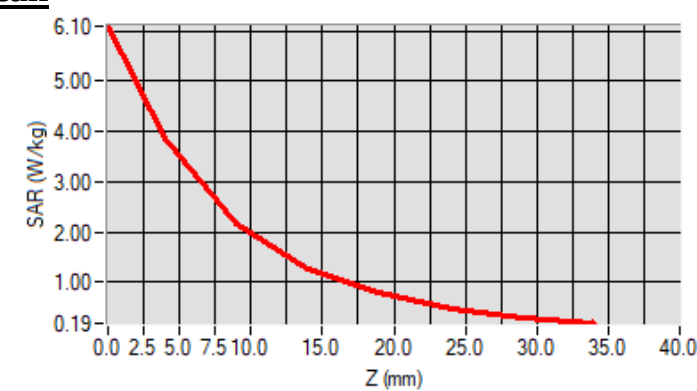
Frequency (MHz)	1900.000000
Relative permittivity (real part)	39.783818
Conductivity (S/m)	1.379237

C. SAR Surface and Volume

Maximum location: X=3.00, Y=1.00 ; SAR Peak: 6.25 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	1.982221
SAR 1g (W/Kg)	3.812185
Variation (%)	-1.070000

E. Z Axis Scan

System check at 2450 MHz

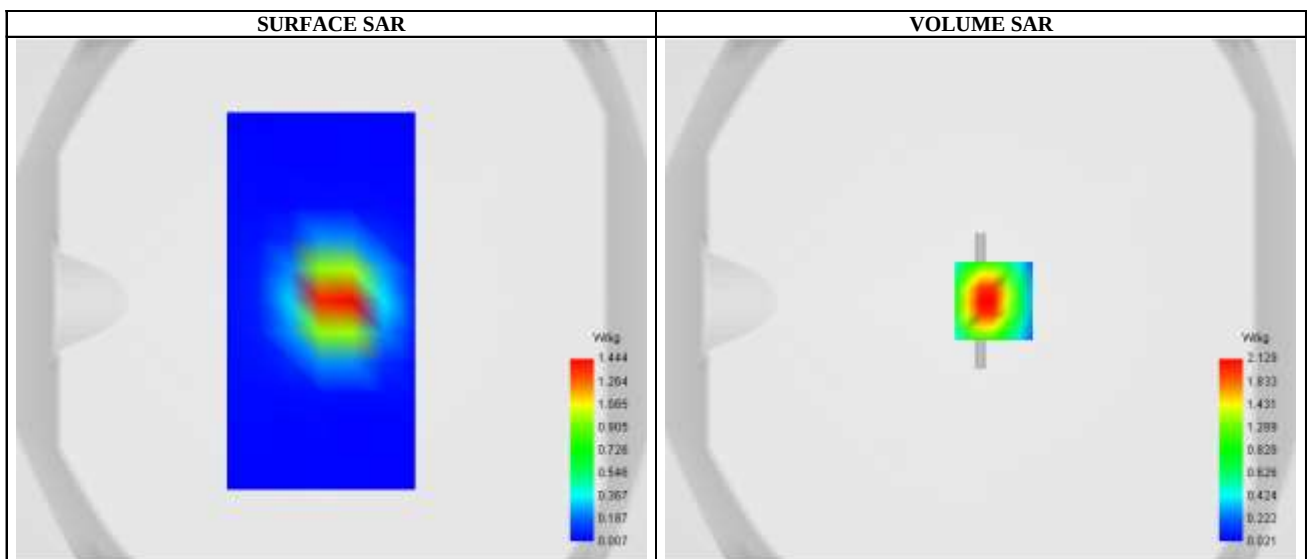
Date of measurement: 23/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.46
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

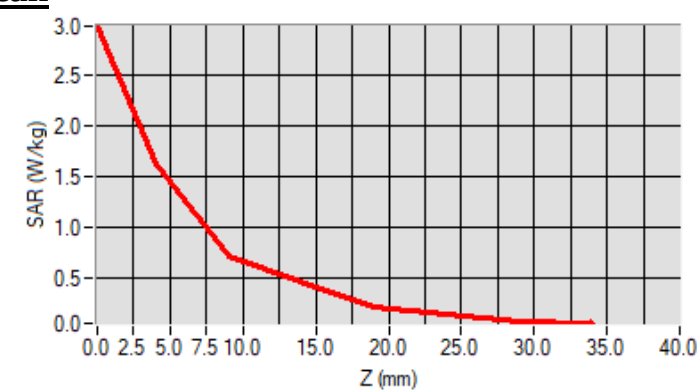
Frequency (MHz)	2450.000000
Relative permittivity (real part)	39.252388
Conductivity (S/m)	1.812213

C. SAR Surface and Volume

Maximum location: X=5.00, Y=0.00 ; SAR Peak: 2.69 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.940587
SAR 1g (W/Kg)	2.031522
Variation (%)	-1.020000

E. Z Axis Scan

System check at 2600 MHz

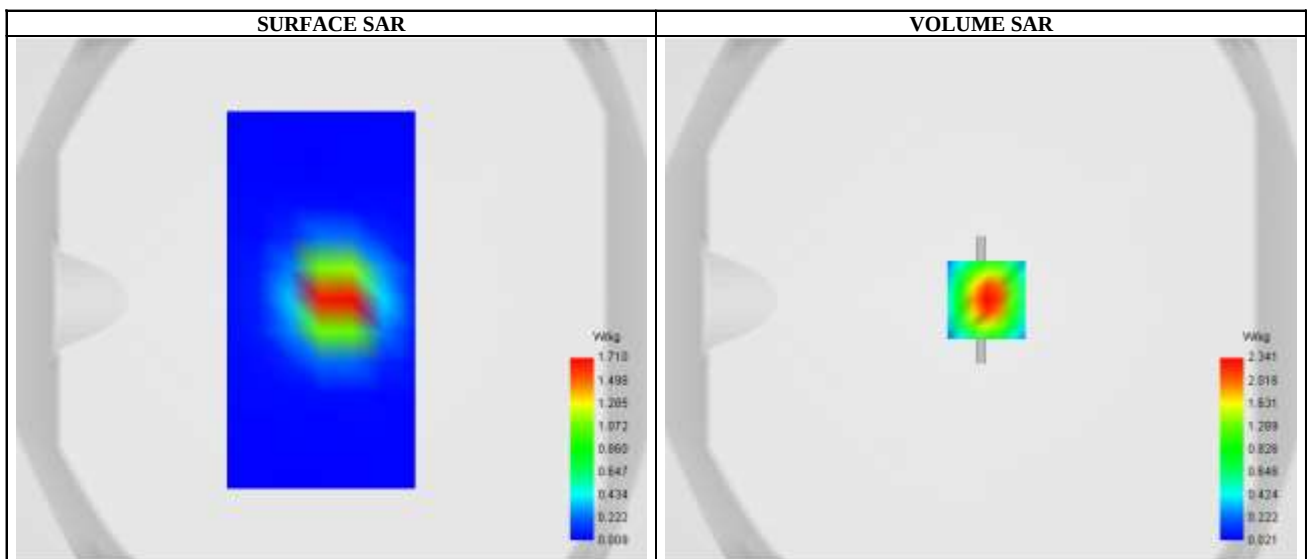
Date of measurement: 26/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.27
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

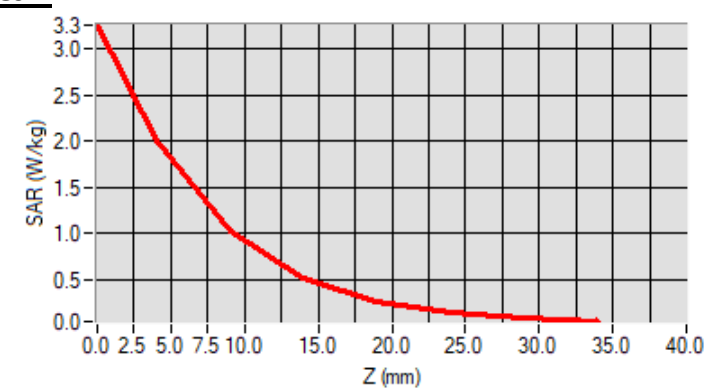
Frequency (MHz)	2600.000000
Relative permittivity (real part)	39.114218
Conductivity (S/m)	1.930812

C. SAR Surface and Volume

Maximum location: X=3.00, Y=0.00 ; SAR Peak: 3.28 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.863117
SAR 1g (W/Kg)	2.215021
Variation (%)	-1.440000

E. Z Axis Scan

System check at 3500 MHz

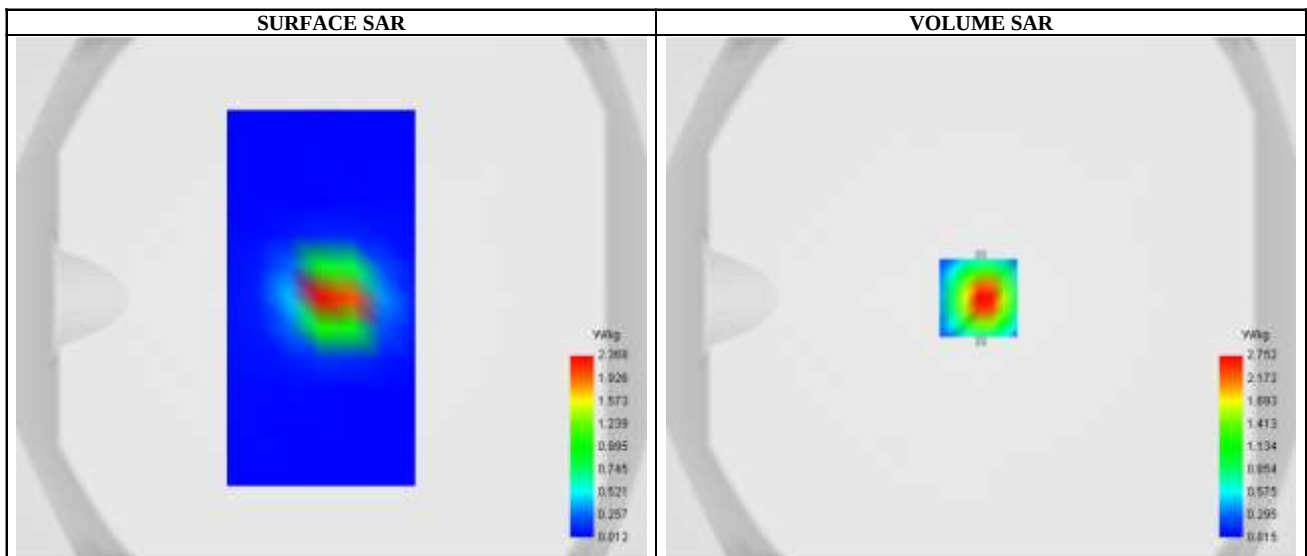
Date of measurement: 12/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.10
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x8,dx=5mm dy=5mm dz=4mm,Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW3500
Channels	Middle
Signal	CW (Crest factor: 1.0)

B. Permittivity

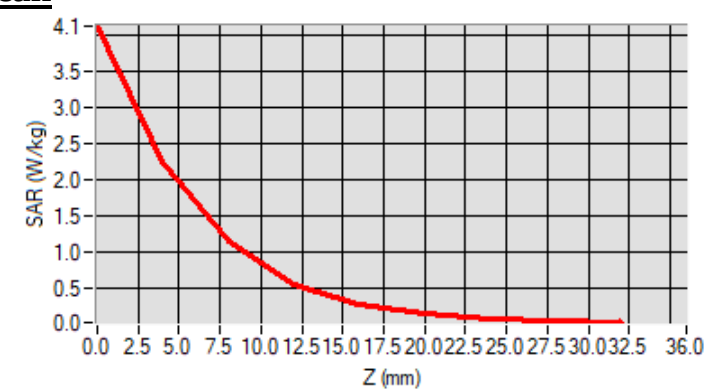
Frequency (MHz)	3500.000000
Relative permittivity (real part)	37.963117
Conductivity (S/m)	2.965592

C. SAR Surface and Volume

Maximum location: X=-1.00, Y=0.00 ; SAR Peak: 4.11 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.989231
SAR 1g (W/Kg)	2.622207
Variation (%)	-1.380000

E. Z Axis Scan

System check at 3700 MHz

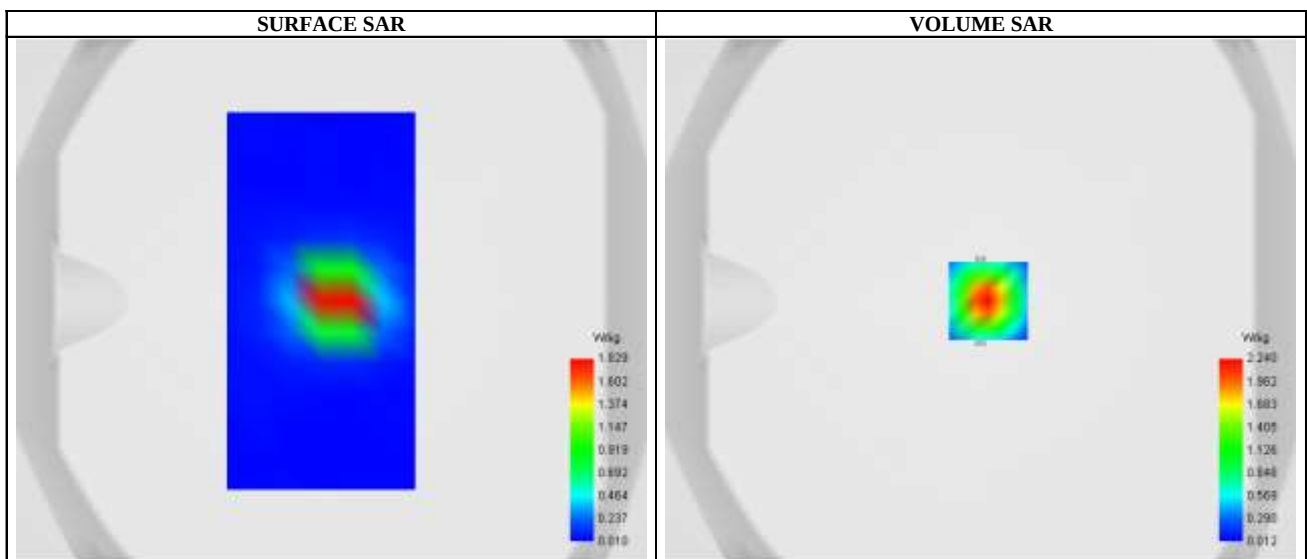
Date of measurement: 13/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.15
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x8,dx=5mm dy=5mm dz=4mm,Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW3700
Channels	Middle
Signal	CW (Crest factor: 1.0)

B. Permittivity

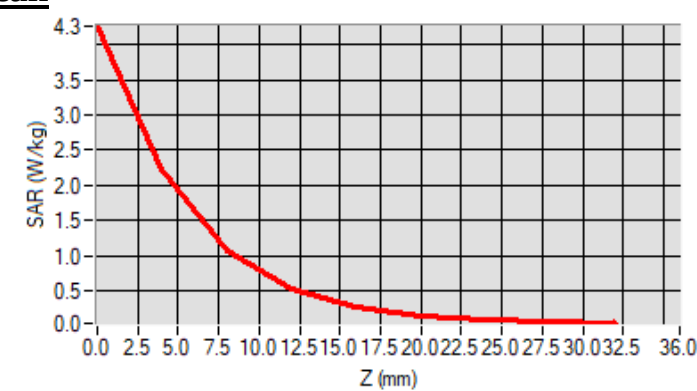
Frequency (MHz)	3700.000000
Relative permittivity (real part)	37.87400
Conductivity (S/m)	3.039391

C. SAR Surface and Volume

Maximum location: X=3.00, Y=0.00 ; SAR Peak: 4.21 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.973967
SAR 1g (W/Kg)	2.618221
Variation (%)	-0.700000

E. Z Axis Scan

System check at 3900 MHz

Date of measurement: 13/11/2022

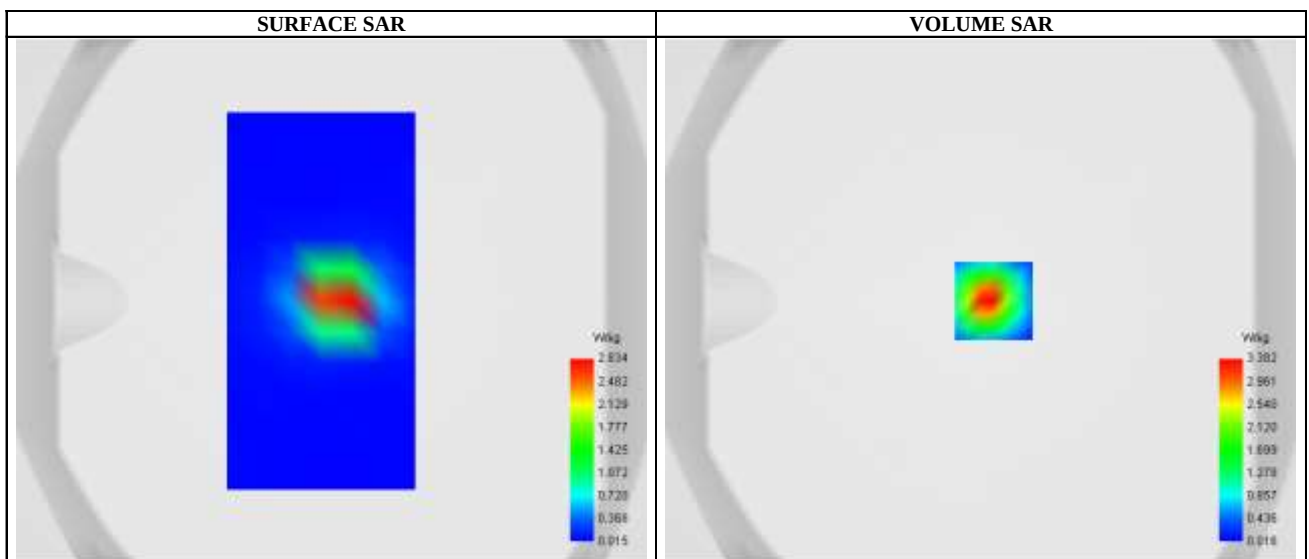
A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.41
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x8,dx=5mm dy=5mm dz=4mm,Complete
Phantom	Validation plane
Device Position	Dipole
Band	CW3900
Channels	Middle
Signal	CW (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	3900.000000
Relative permittivity (real part)	37.806218
Conductivity (S/m)	3.394967

C. SAR Surface and Volume

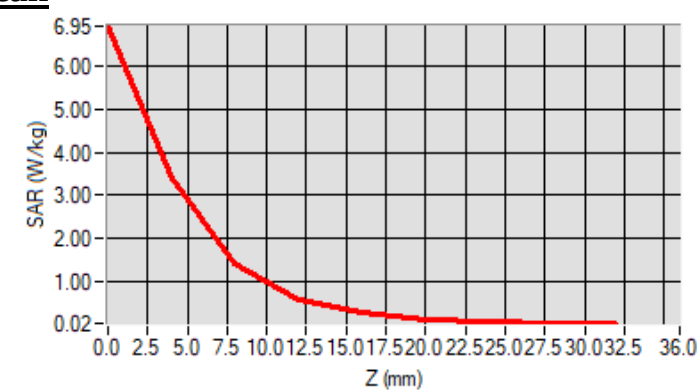


Maximum location: X=-1.00, Y=0.00 ; SAR Peak: 5.1 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.945128
SAR 1g (W/Kg)	2.630124
Variation (%)	-0.020000

E. Z Axis Scan



System check at 5200 MHz

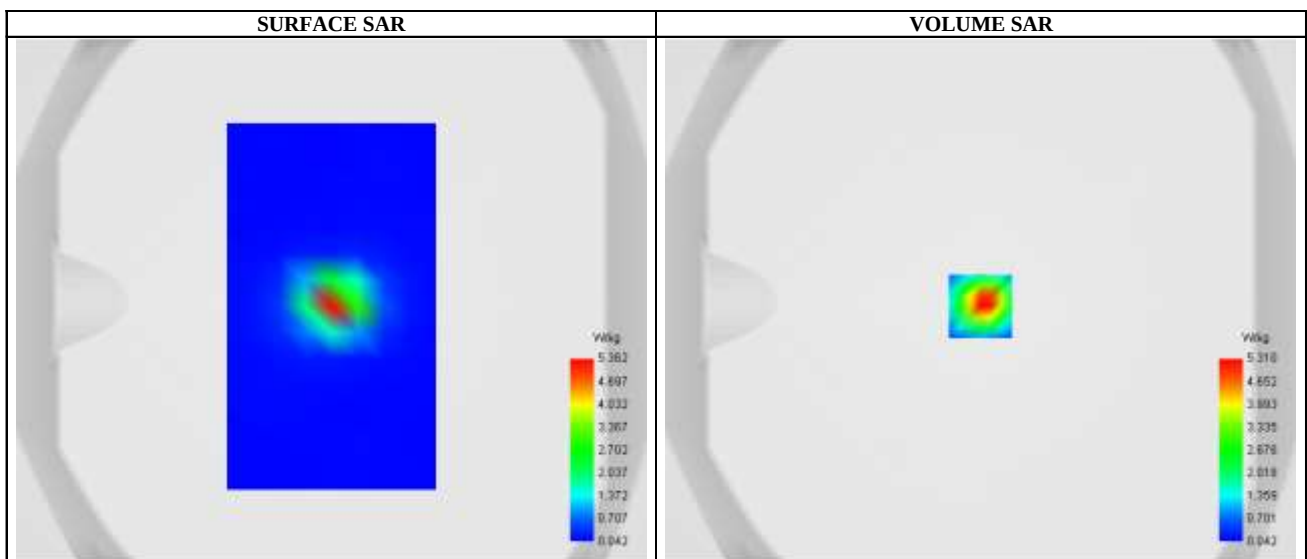
Date of measurement: 3/12/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	1.71
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

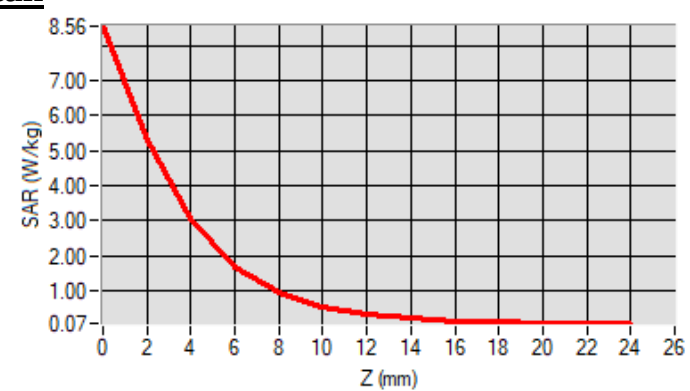
Frequency (MHz)	5200.000000
Relative permittivity (real part)	37.153159
Conductivity (S/m)	4.591778

C. SAR Surface and Volume

Maximum location: X=0.00, Y=-2.00 ; SAR Peak: 9.21W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.905283
SAR 1g (W/Kg)	3.011812
Variation (%)	1.910000

E. Z Axis Scan

System check at 5800 MHz

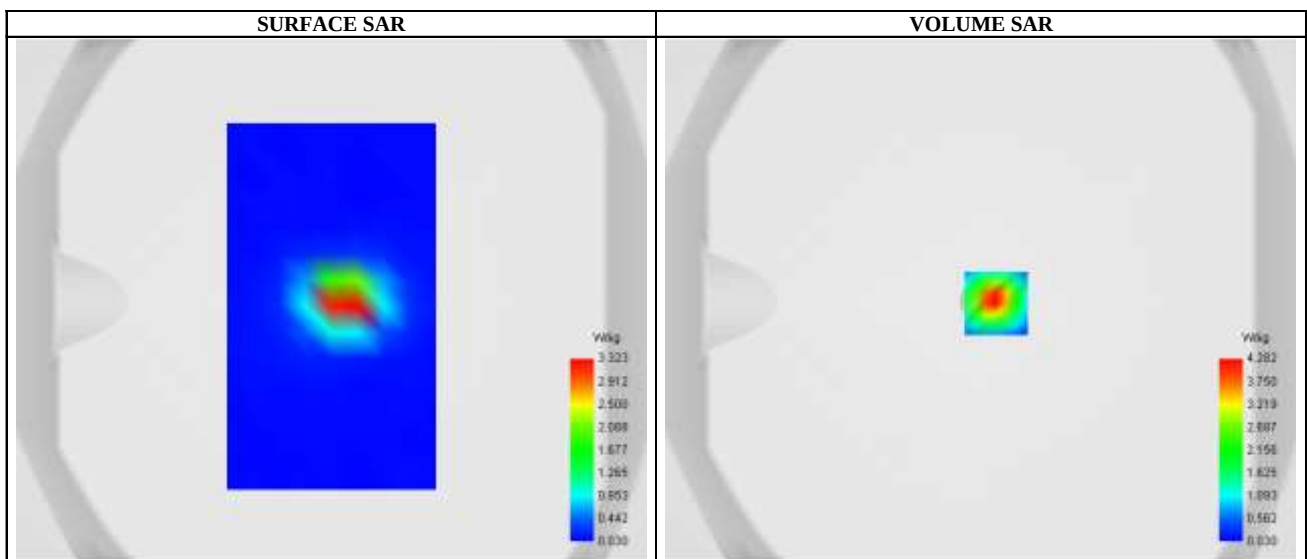
Date of measurement: 7/12/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	1.94
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

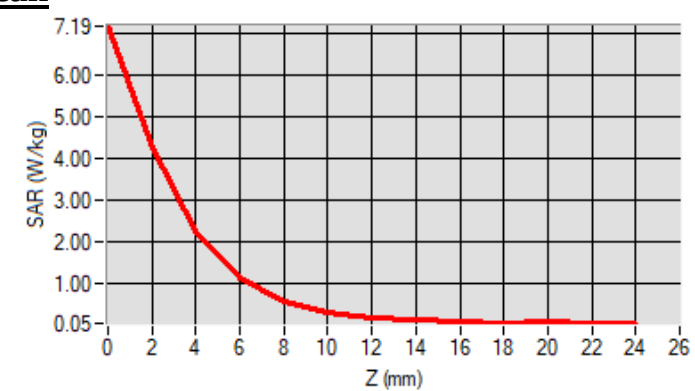
Frequency (MHz)	5800.000000
Relative permittivity (real part)	35.882612
Conductivity (S/m)	5.121183

C. SAR Surface and Volume

Maximum location: X=6.00, Y=-1.00 ; SAR Peak: 7.66 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.896071
SAR 1g (W/Kg)	3.125433
Variation (%)	-1.120000

E. Z Axis Scan

Appendix B: Plots of SAR Test Data

SAR Measurement at GSM850 (Cheek, Right)

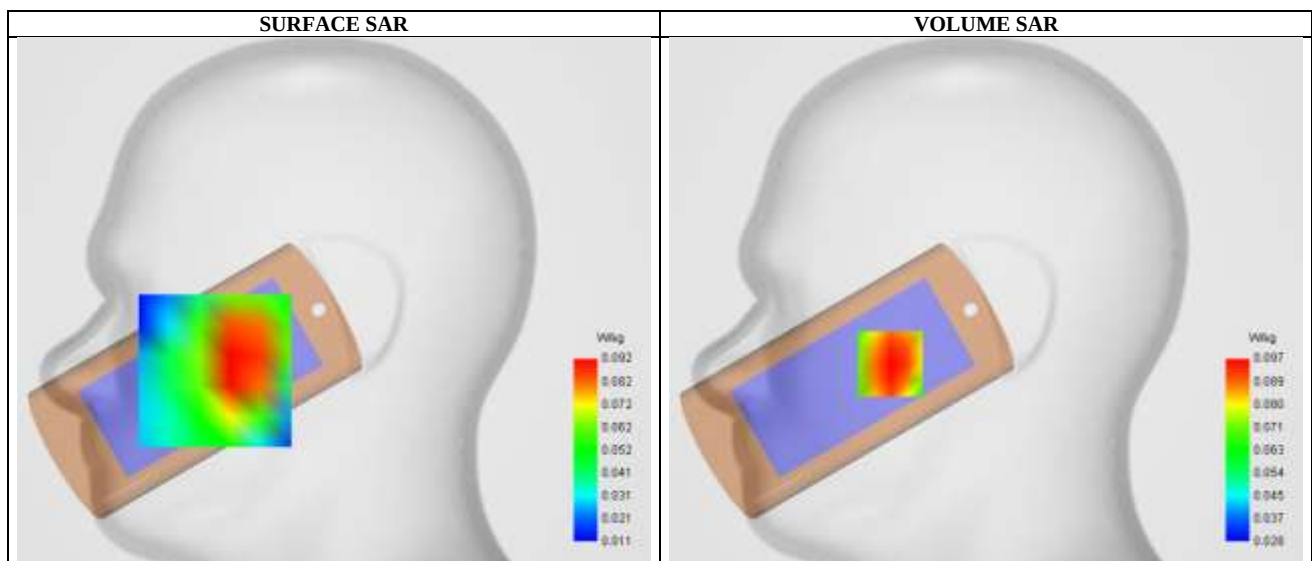
Date of measurement: 10/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	1.73
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	High
Signal	TDMA (Crest factor: 8.0)

B. Permittivity

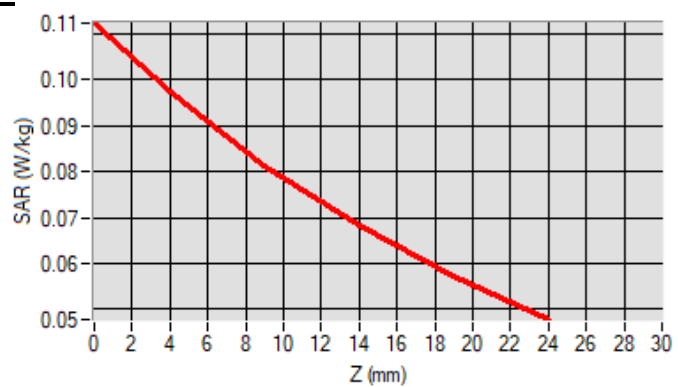
Frequency (MHz)	848.800000
Relative permittivity (real part)	41.586210
Conductivity (S/m)	0.901069

C. SAR Surface and Volume

Maximum location: X=-47.00, Y=-31.00 ; SAR Peak: 0.11 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.074362
SAR 1g (W/Kg)	0.094338
Variation (%)	2.100000

E. Z Axis Scan

SAR Measurement at GSM1900 (Cheek, Left)

Date of measurement: 21/11/2022

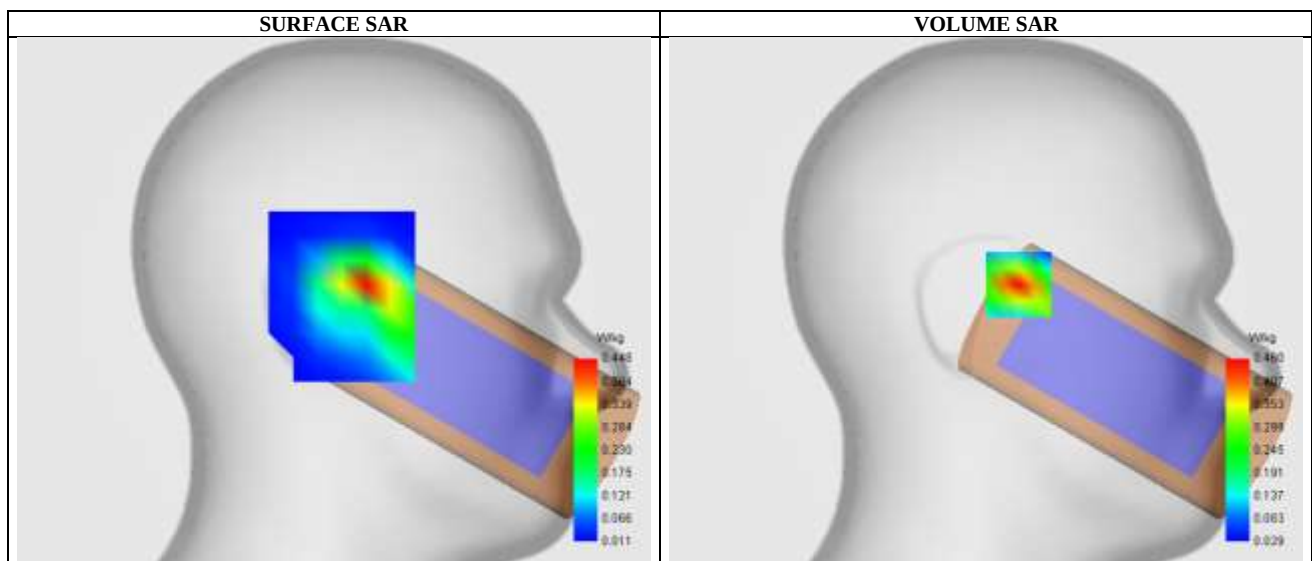
A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.00
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm, Complete
Phantom	Left head
Device Position	Cheek
Band	GSM1900
Channels	Low
Signal	TDMA (Crest factor: 8.0)

B. Permittivity

Frequency (MHz)	1850.020000
Relative permittivity (real part)	39.786212
Conductivity (S/m)	1.381291

C. SAR Surface and Volume

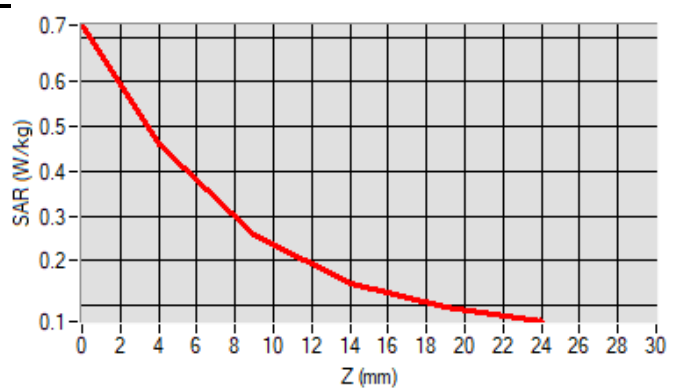


Maximum location: X=-16.00, Y=8.00 ; SAR Peak: 0.73 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.224720
SAR 1g (W/Kg)	0.421937
Variation (%)	-1.920000

E. Z Axis Scan



SAR Measurement at Band2_WCDMA1900 (Cheek, Left)

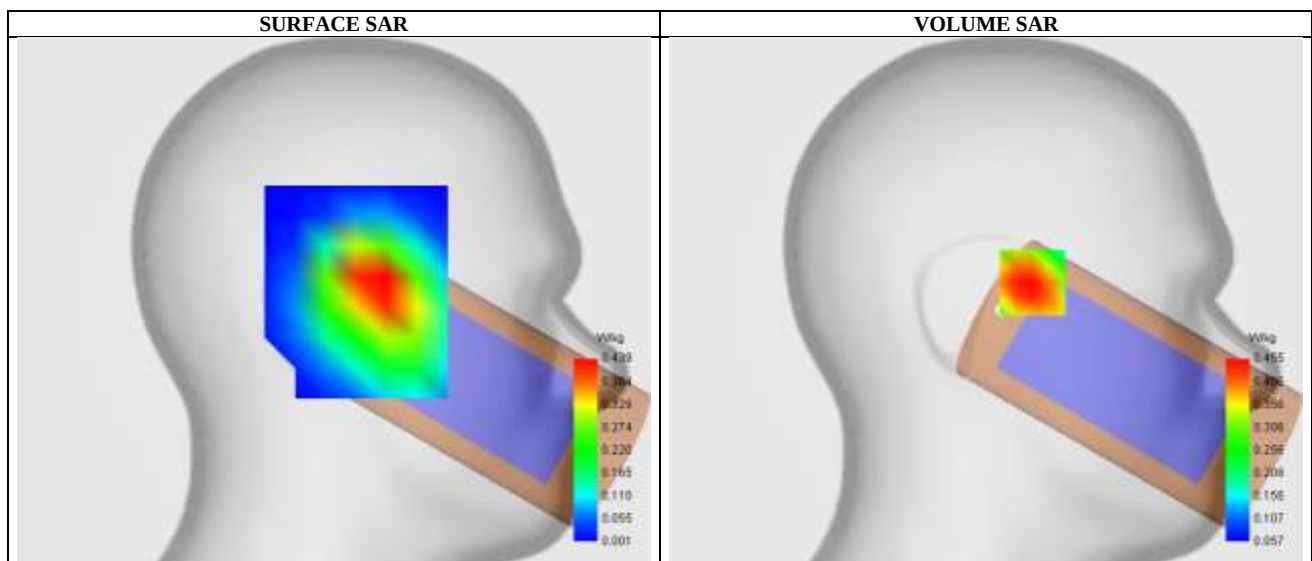
Date of measurement: 21/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.00
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm, Complete
Phantom	Left head
Device Position	Cheek
Band	Band2_WCDMA1900
Channels	High
Signal	WCDMA (Crest factor: 1.0)

B. Permittivity

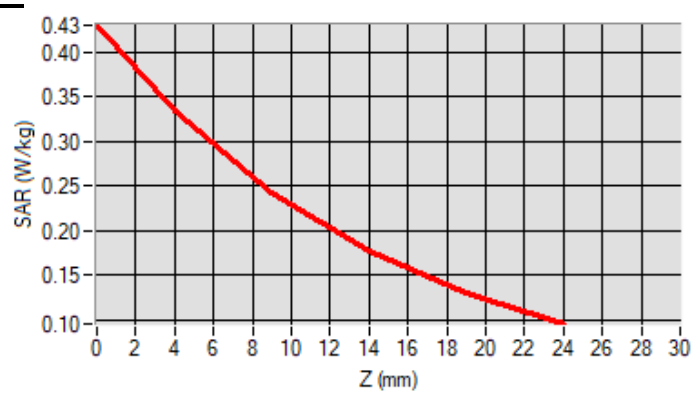
Frequency (MHz)	1907.600000
Relative permittivity (real part)	39.771224
Conductivity (S/m)	1.394391

C. SAR Surface and Volume

Maximum location: X=-20.00, Y=27.00 ; SAR Peak: 0.46 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.111906
SAR 1g (W/Kg)	0.262230
Variation (%)	-1.000000

E. Z Axis Scan

SAR Measurement at CUSTOM (WCDMA_1700) (Cheek, Left)

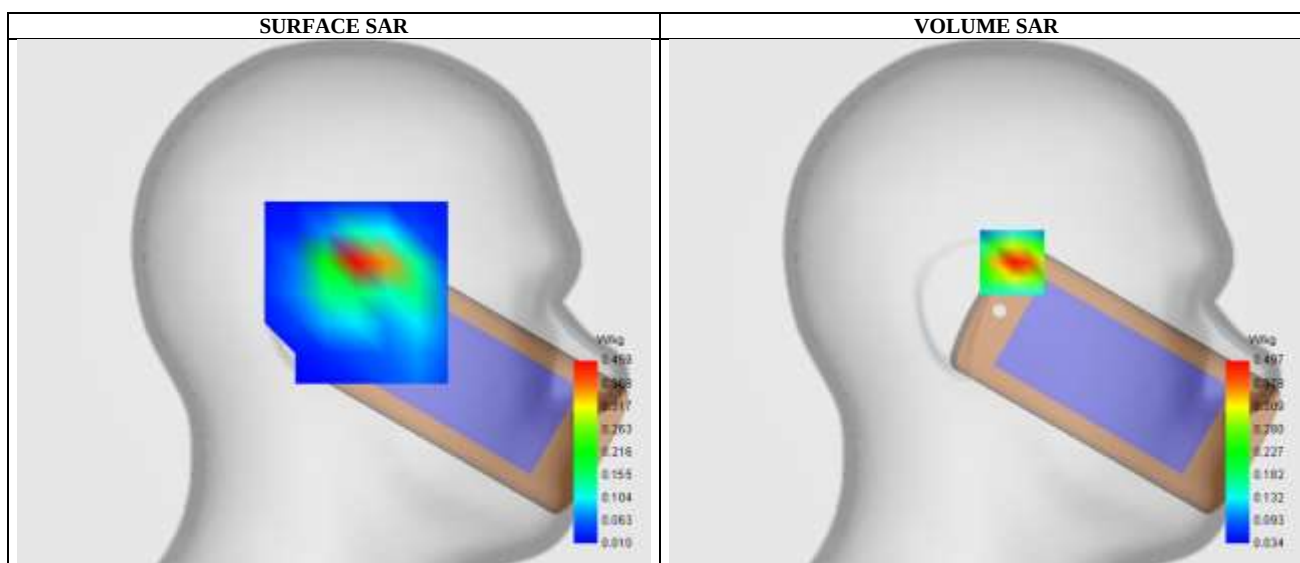
Date of measurement: 15/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.05
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Left head
Device Position	Cheek
Band	Band4_WCDMA1700
Channels	High
Signal	WCDMA (Crest factor: 1.0)

B. Permittivity

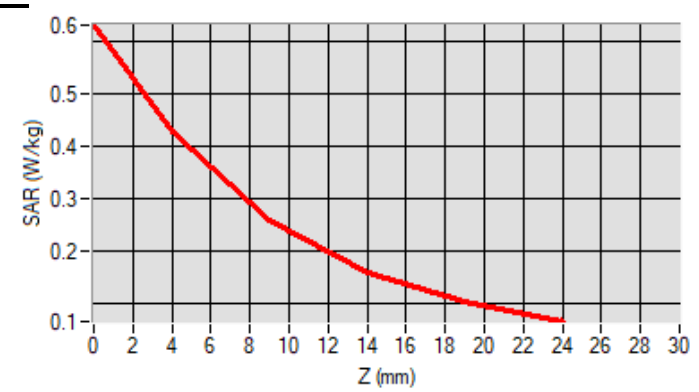
Frequency (MHz)	1752.600000
Relative permittivity (real part)	40.021251
Conductivity (S/m)	1.361656

C. SAR Surface and Volume

Maximum location: X=-30.00, Y=34.00 ; SAR Peak: 0.61 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.181427
SAR 1g (W/Kg)	0.336429
Variation (%)	-1.170000

E. Z Axis Scan

SAR Measurement at Band5_WCDMA850 (Cheek, Right)

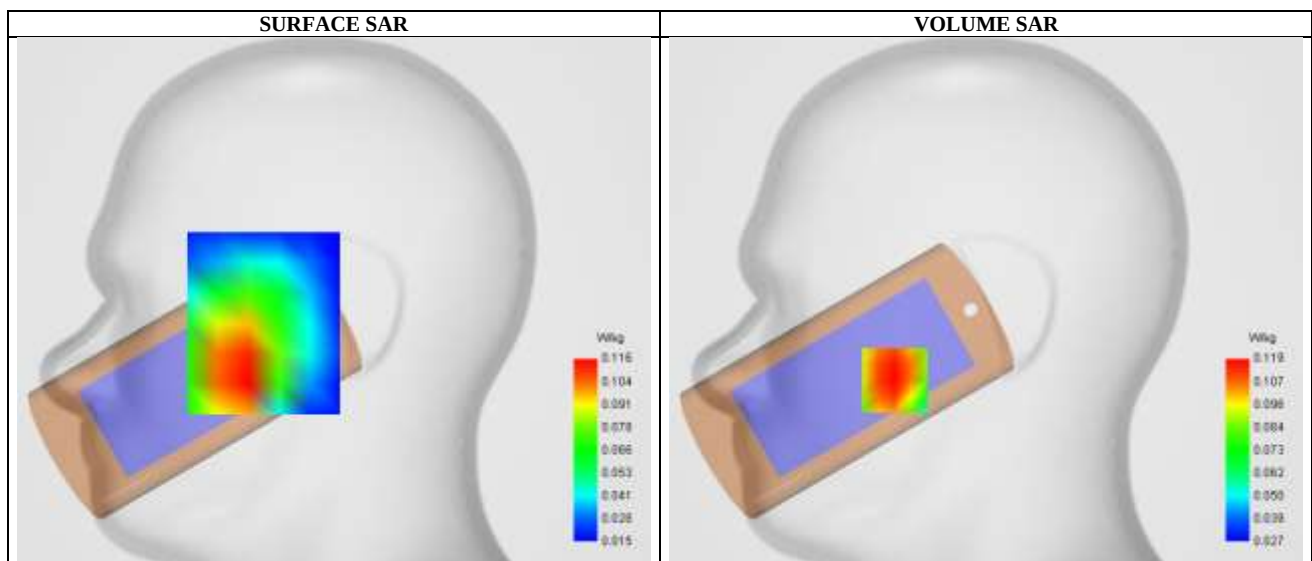
Date of measurement: 10/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	1.73
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	High
Signal	WCDMA (Crest factor: 1.0)

B. Permittivity

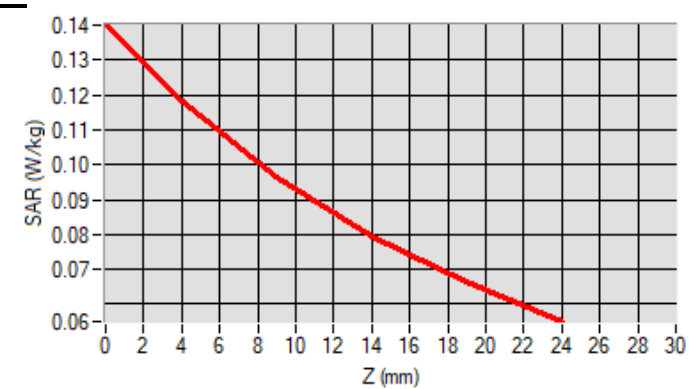
Frequency (MHz)	846.600000
Relative permittivity (real part)	41.586210
Conductivity (S/m)	0.901069

C. SAR Surface and Volume

Maximum location: X=-45.00, Y=-39.00 ; SAR Peak: 0.14 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.090202
SAR 1g (W/Kg)	0.114930
Variation (%)	-2.750000

E. Z Axis Scan

SAR Measurement at LTE band 2 (Tilt, Left)

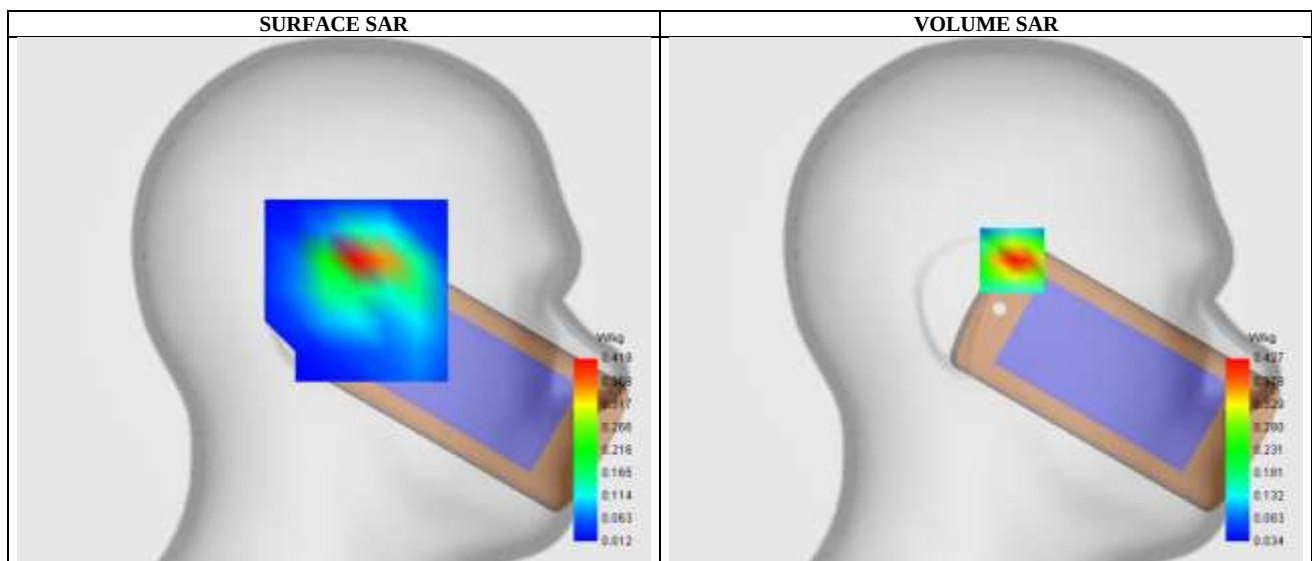
Date of measurement: 21/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.00
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Left head
Device Position	Tilt
Band	LTE band 2
Channels	Low
Signal	LTE (Crest factor: 1.0)

B. Permittivity

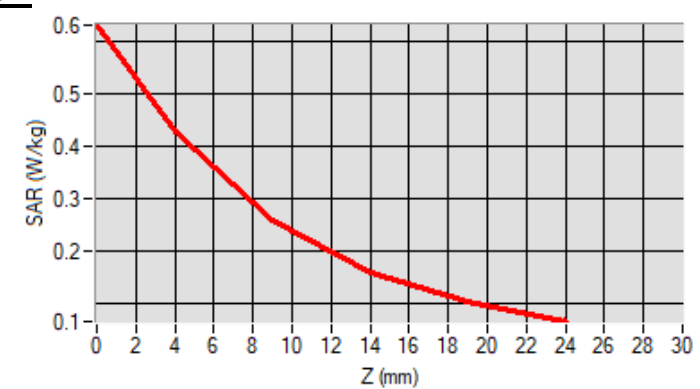
Frequency (MHz)	1860.000000
Relative permittivity (real part)	39.776212
Conductivity (S/m)	1.385291

C. SAR Surface and Volume

Maximum location: X=-13.00, Y=20.00 ; SAR Peak: 0.63 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.219101
SAR 1g (W/Kg)	0.394889
Variation (%)	-2.190000

E. Z Axis Scan

SAR Measurement at LTE band 5 (Cheek, Left)

Date of measurement: 10/11/2022

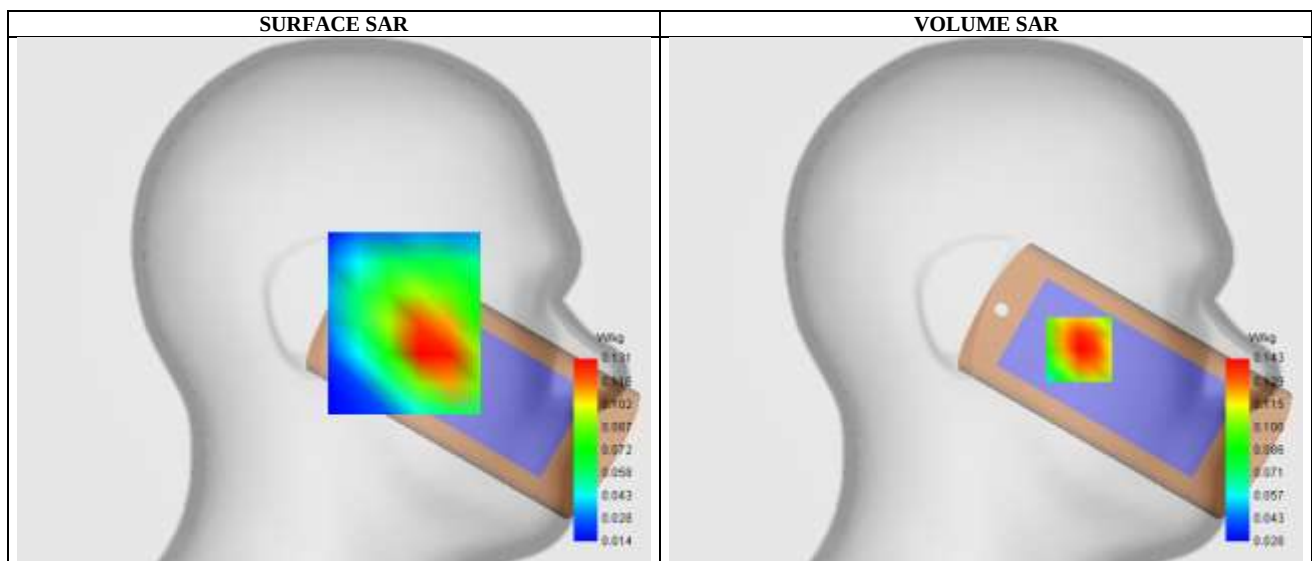
A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	1.73
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Left head
Device Position	Cheek
Band	LTE band 5
Channels	Low
Signal	LTE (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	829.000000
Relative permittivity (real part)	41.602150
Conductivity (S/m)	0.881521

C. SAR Surface and Volume

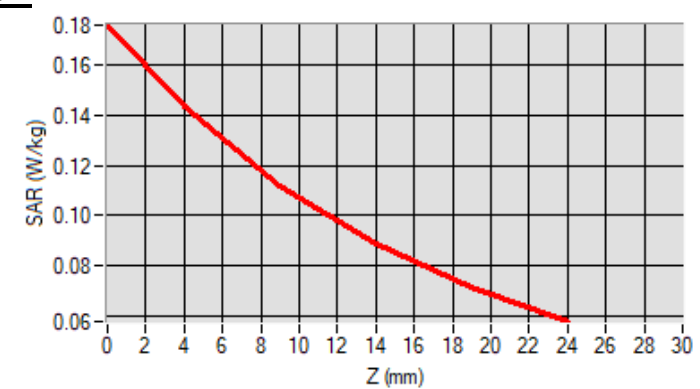


Maximum location: X=-46.00, Y=-24.00 ; SAR Peak: 0.18 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.102696
SAR 1g (W/Kg)	0.138426
Variation (%)	-1.320000

E. Z Axis Scan



SAR Measurement at LTE band 7 (Cheek, Left)

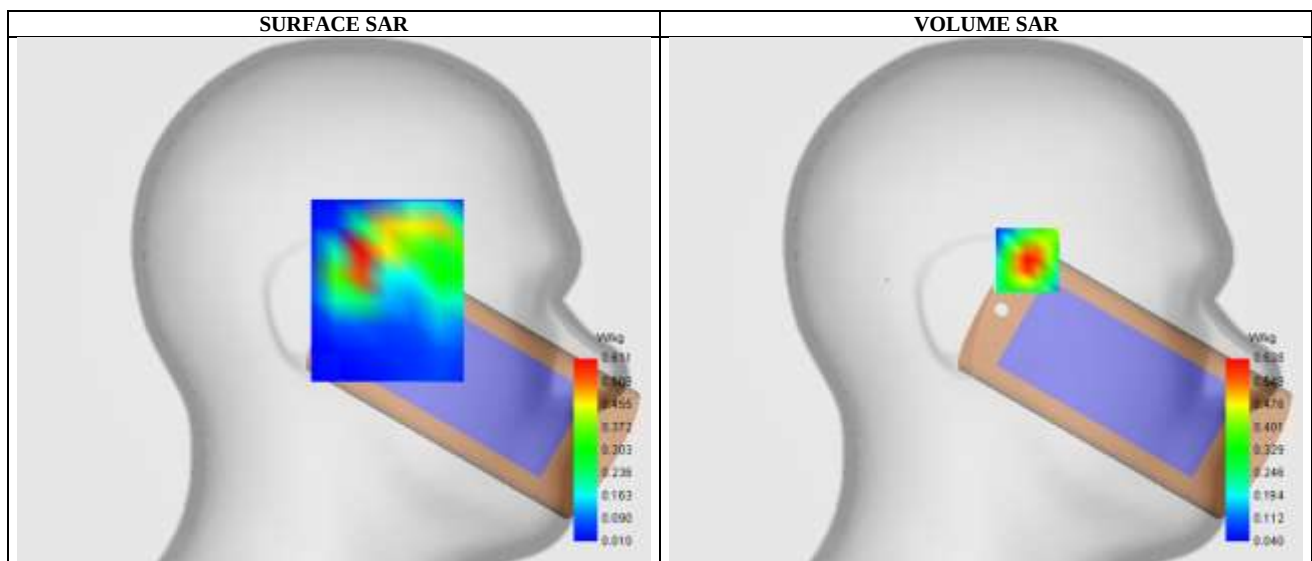
Date of measurement: 26/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.27
Area Scan	dx=12mm dy=12mm
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm,Complete
Phantom	Left head
Device Position	Cheek
Band	LTE band 7
Channels	Middle
Signal	LTE (Crest factor: 1.0)

B. Permittivity

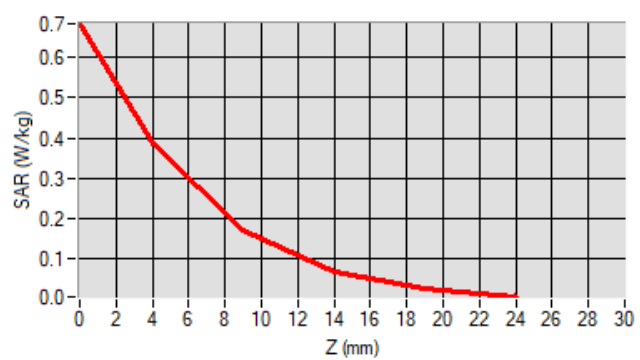
Frequency (MHz)	2535.000000
Relative permittivity (real part)	39.121622
Conductivity (S/m)	1.921561

C. SAR Surface and Volume

Maximum location: X=-1.00, Y=17.00 ; SAR Peak: 0.76 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.266895
SAR 1g (W/Kg)	0.519009
Variation (%)	4.290000

E. Z Axis Scan

SAR Measurement at LTE band 41 (Tilt, Left)

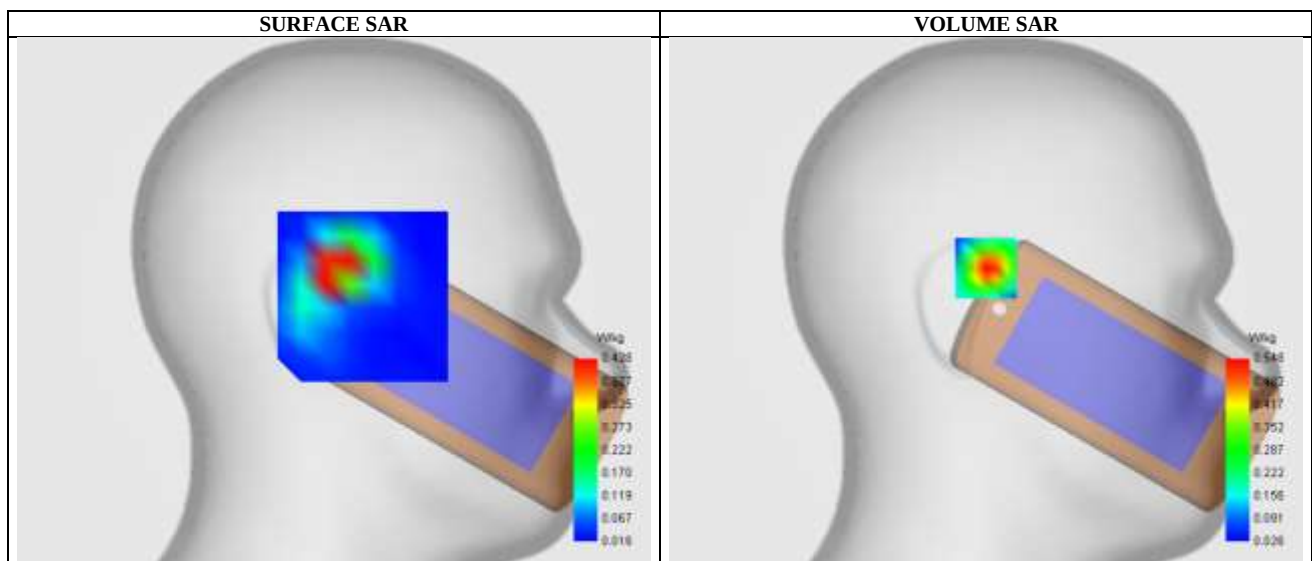
Date of measurement: 26/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.27
Area Scan	dx=12mm dy=12mm
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm,Complete
Phantom	Left head
Device Position	Tilt
Band	LTE band 41
Channels	High
Signal	LTE (Crest factor: 1.0)

B. Permittivity

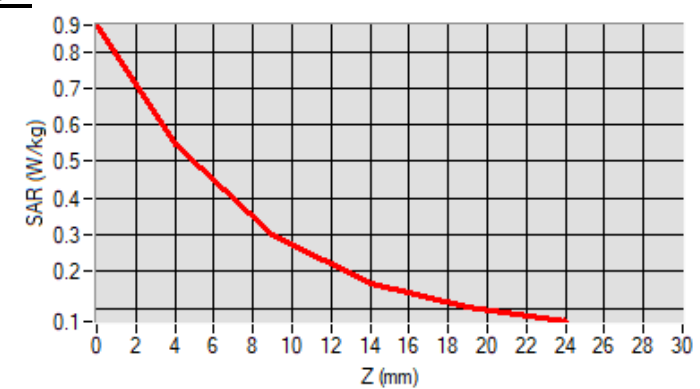
Frequency (MHz)	2680.000000
Relative permittivity (real part)	39.096622
Conductivity (S/m)	1.942660

C. SAR Surface and Volume

Maximum location: X=0.00, Y=16.00 ; SAR Peak: 0.88 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.242953
SAR 1g (W/Kg)	0.487768
Variation (%)	-1.710000

E. Z Axis Scan

SAR Measurement at CUSTOM (LTE Band 66) (Cheek, Left)

Date of measurement: 15/11/2022

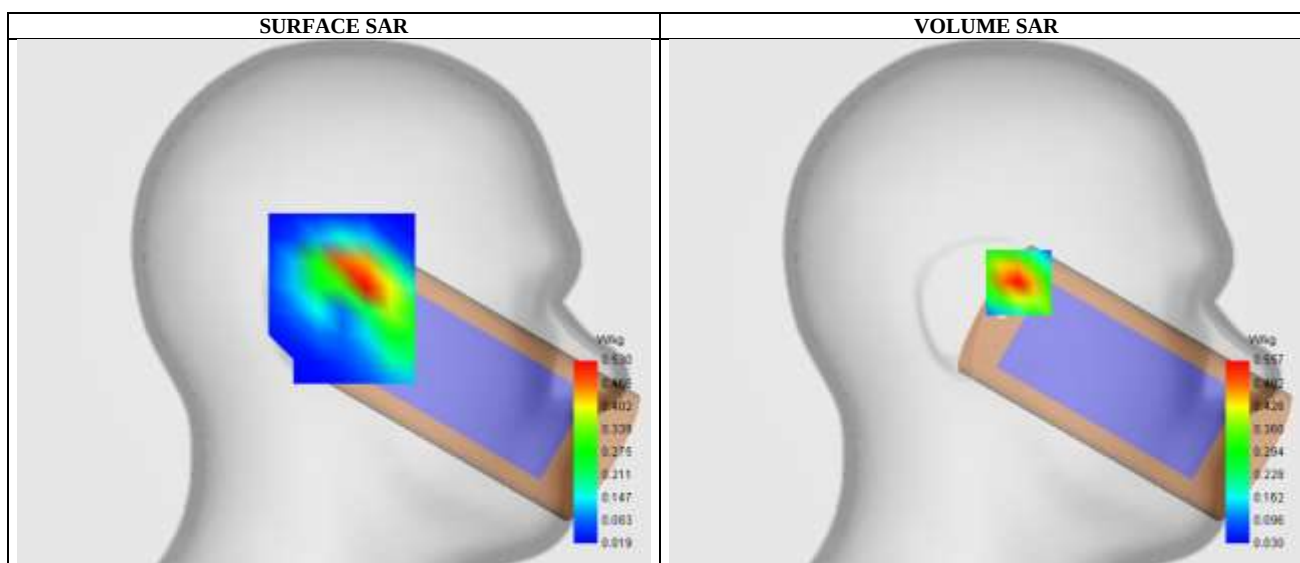
A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.05
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7, dx=8mm dy=8mm dz=5mm, Complete
Phantom	Left head
Device Position	Cheek
Band	LTE band 66
Channels	High
Signal	LTE (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	1720.000000
Relative permittivity (real part)	40.034546
Conductivity (S/m)	1.347225

C. SAR Surface and Volume

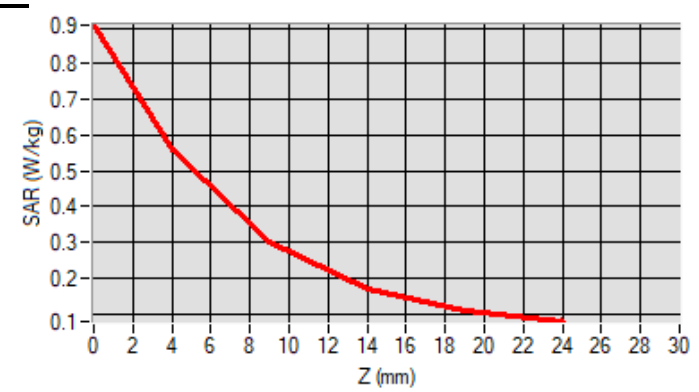


Maximum location: X=-16.00, Y=10.00 ; SAR Peak: 0.91 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.279347
SAR 1g (W/Kg)	0.518524
Variation (%)	-3.730000

E. Z Axis Scan



SAR Measurement at CUSTOM (NRn5) (Cheek, Right)

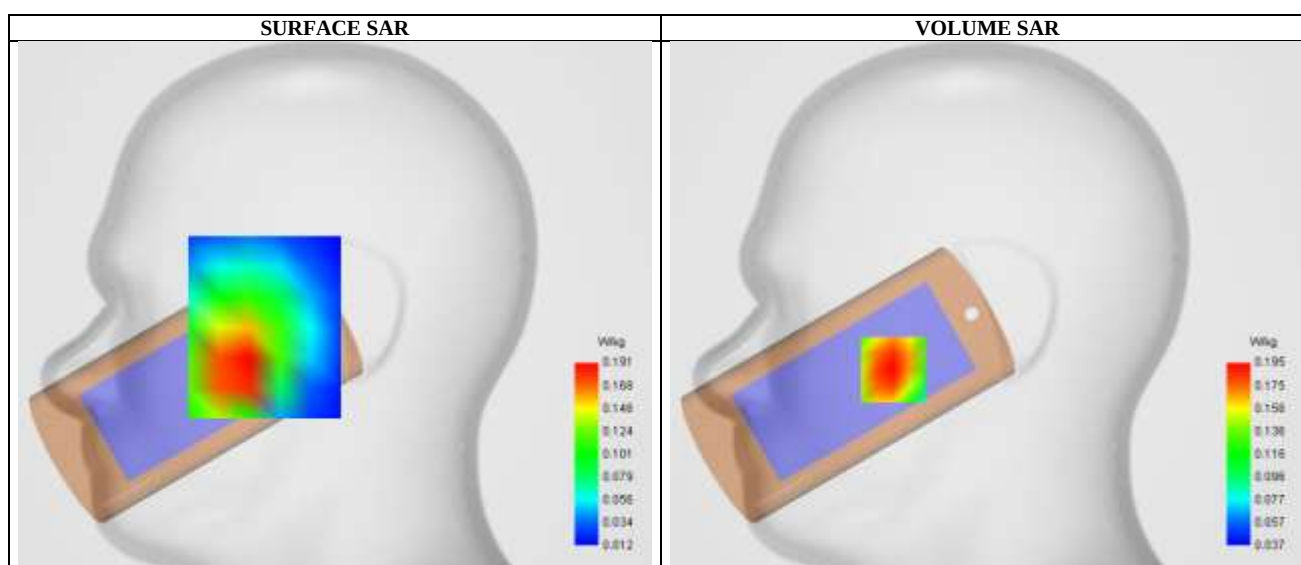
Date of measurement: 10/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	1.70
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	NR n5
Channels	Low
Signal	NR (Crest factor: 1.0)

B. Permittivity

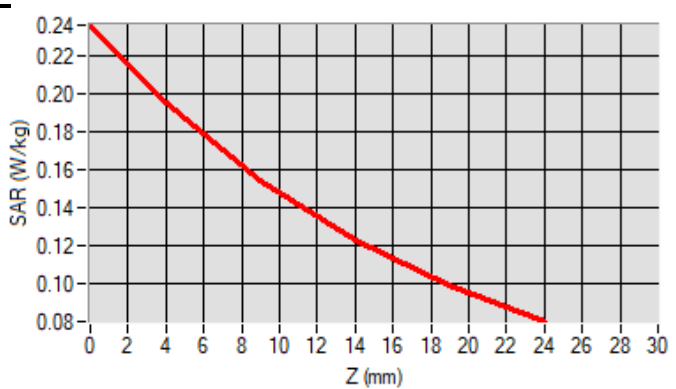
Frequency (MHz)	834.000000
Relative permittivity (real part)	41.595160
Conductivity (S/m)	0.891561

C. SAR Surface and Volume

Maximum location: X=-46.00, Y=-32.00 ; SAR Peak: 0.24 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.140821
SAR 1g (W/Kg)	0.188109
Variation (%)	-1.580000

E. Z Axis Scan

SAR Measurement at CUSTOM (NRn7) (Tilt, Right)

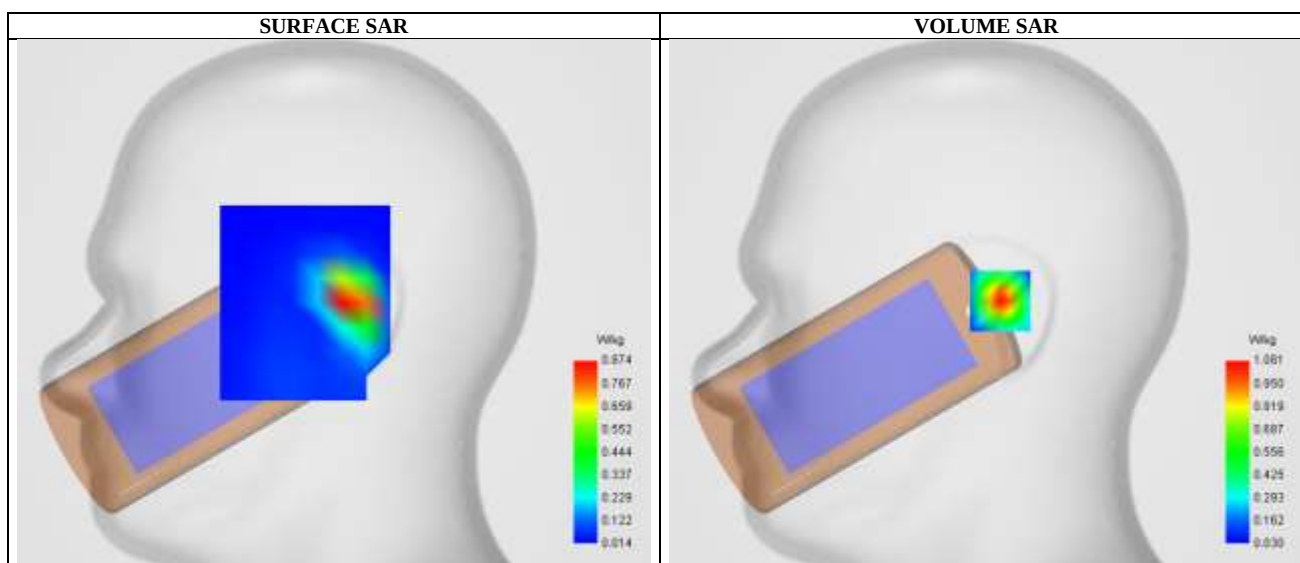
Date of measurement: 26/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPGO354
ConvF	2.27
Area Scan	dx=12mm dy=12mm
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm,Complete
Phantom	Right head
Device Position	Tilt
Band	NR n7
Channels	Middle
Signal	NR (Crest factor: 1.0)

B. Permittivity

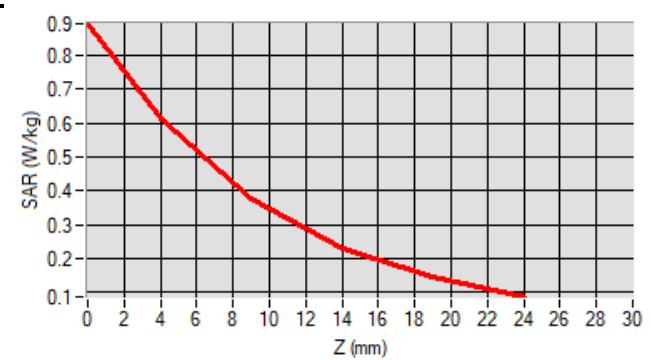
Frequency (MHz)	2535.000000
Relative permittivity (real part)	39.121622
Conductivity (S/m)	1.921561

C. SAR Surface and Volume

Maximum location: X=7.00, Y=1.00 ; SAR Peak: 0.92 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.334744
SAR 1g (W/Kg)	0.650028
Variation (%)	2.970000

E. Z Axis Scan

SAR Measurement at CUSTOM (NRn41) (Tilt, Left)

Date of measurement: 26/11/2022

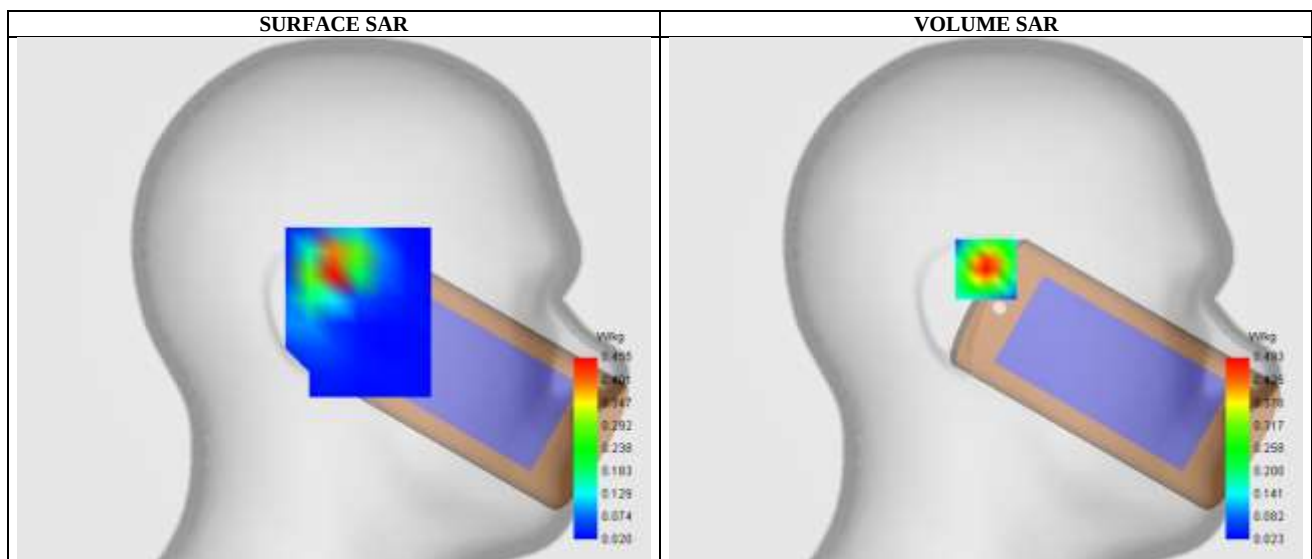
A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.27
Area Scan	dx=12mm dy=12mm
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm,Complete
Phantom	Left head
Device Position	Tilt
Band	NR n41
Channels	Middle
Signal	NR (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	2592.990000
Relative permittivity (real part)	39.112985
Conductivity (S/m)	1.933787

C. SAR Surface and Volume

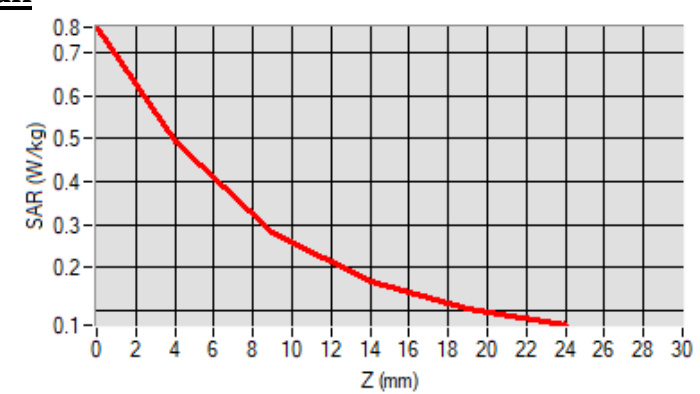


Maximum location: X=0.00, Y=15.00 ; SAR Peak: 0.76 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.225804
SAR 1g (W/Kg)	0.440667
Variation (%)	-2.060000

E. Z Axis Scan



SAR Measurement at CUSTOM (NRn66) (Cheek, Left)

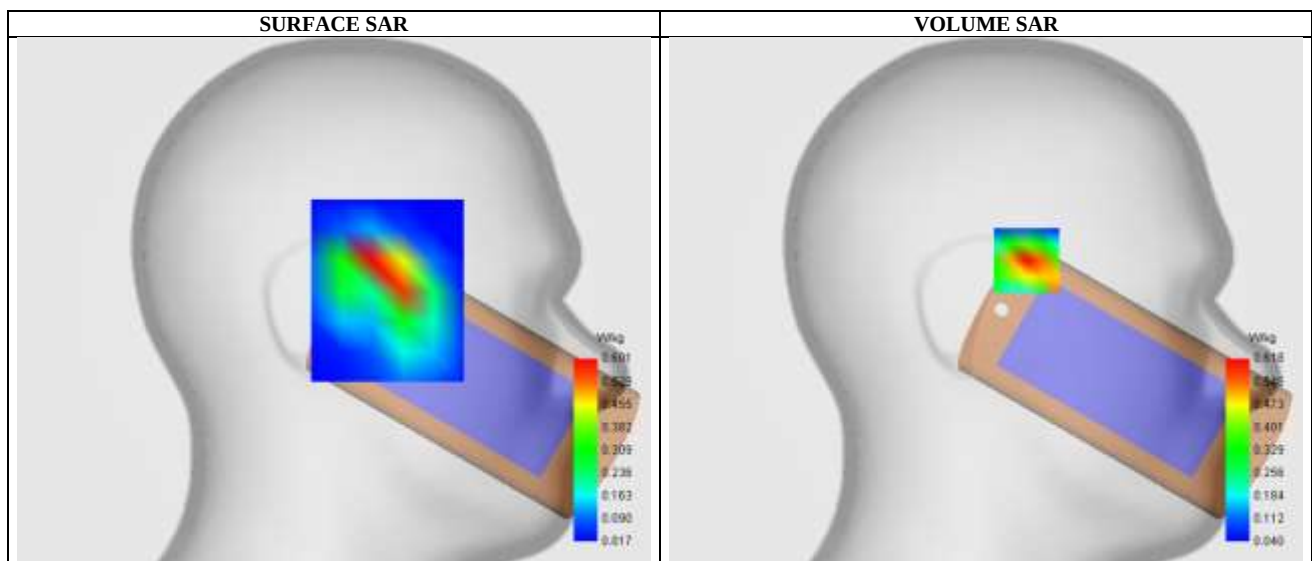
Date of measurement: 15/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.05
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Left head
Device Position	Cheek
Band	NR n66
Channels	High
Signal	NR (Crest factor: 1.0)

B. Permittivity

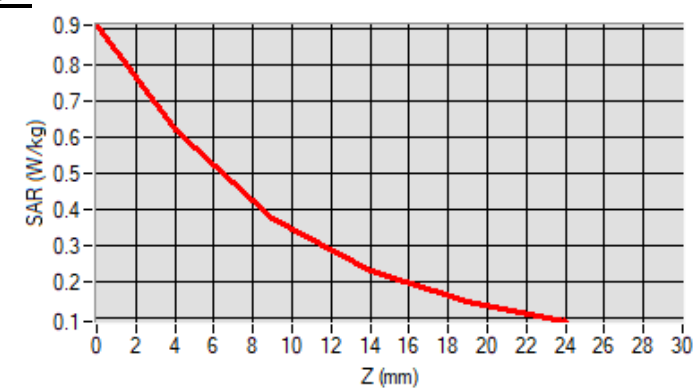
Frequency (MHz)	1760.000000
Relative permittivity (real part)	40.016398
Conductivity (S/m)	1.369861

C. SAR Surface and Volume

Maximum location: X=-20.00, Y=20.00 ; SAR Peak: 0.92 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.310950
SAR 1g (W/Kg)	0.566730
Variation (%)	-1.210000

E. Z Axis Scan

SAR Measurement at CUSTOM (NRn71) (Cheek, Right)

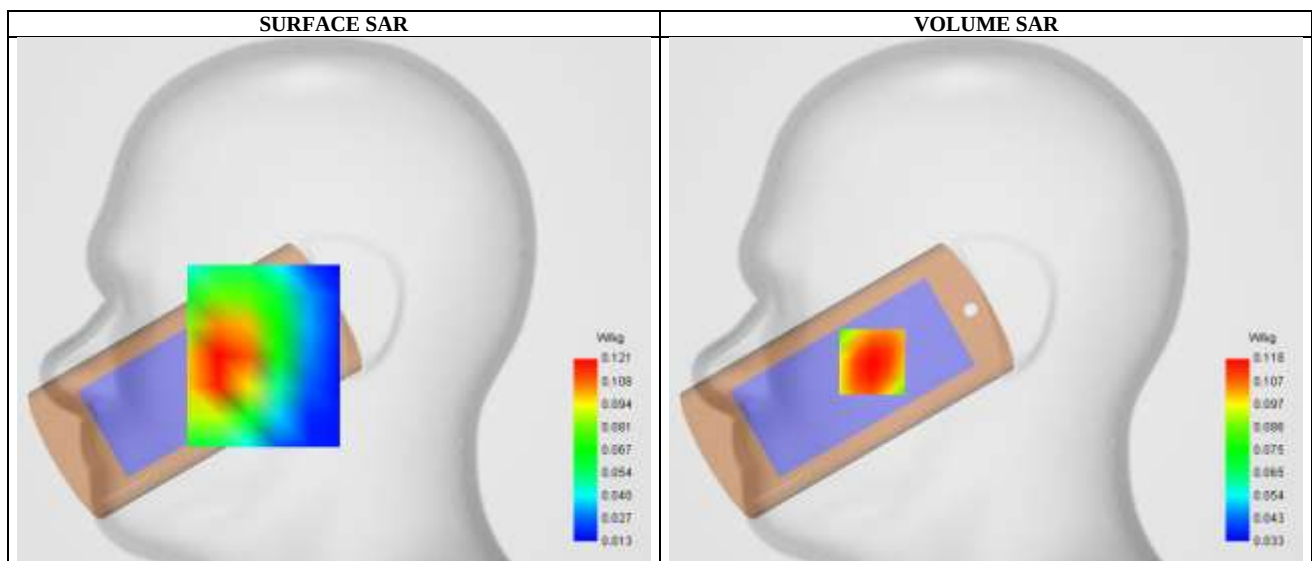
Date of measurement: 18/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	1.70
Area Scan	dx=15mm dy=15mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	NR n71
Channels	Low
Signal	NR (Crest factor: 1.0)

B. Permittivity

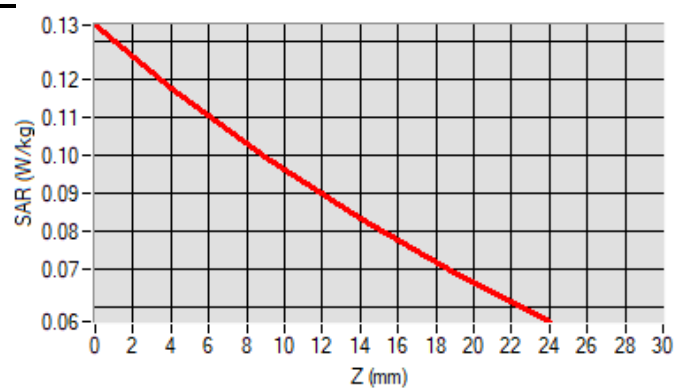
Frequency (MHz)	680.500000
Relative permittivity (real part)	41.962822
Conductivity (S/m)	0.862500

C. SAR Surface and Volume

Maximum location: X=-56.00, Y=-30.00 ; SAR Peak: 0.14 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.091128
SAR 1g (W/Kg)	0.114654
Variation (%)	-2.860000

E. Z Axis Scan

SAR Measurement at CUSTOM (NRn77) (Tilt, Right)

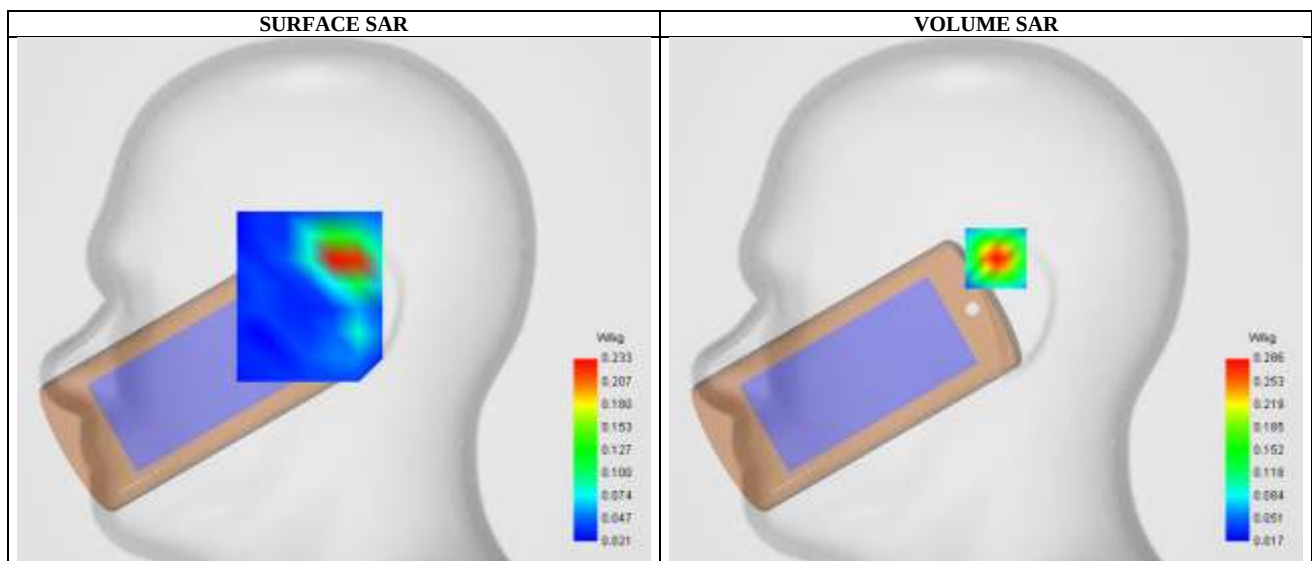
Date of measurement: 12/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.10
Area Scan	dx=12mm dy=12mm
Zoom Scan	7x7x8,dx=5mm dy=5mm dz=4mm,Complete
Phantom	Right head
Device Position	Tilt
Band	NR n77
Channels	Middle
Signal	NR (Crest factor: 1.0)

B. Permittivity

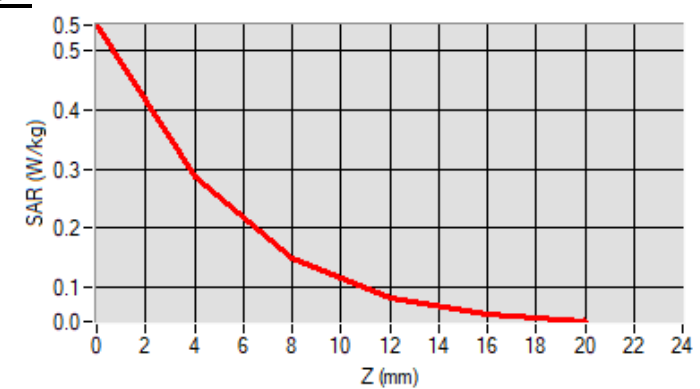
Frequency (MHz)	3500.010000
Relative permittivity (real part)	37.963117
Conductivity (S/m)	2.965592

C. SAR Surface and Volume

Maximum location: X=5.00, Y=21.00 ; SAR Peak: 0.54 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.122823
SAR 1g (W/Kg)	0.258078
Variation (%)	-0.460000

E. Z Axis Scan

SAR Measurement at NRn77 (Tilt, Right)

Date of measurement: 13/11/2022

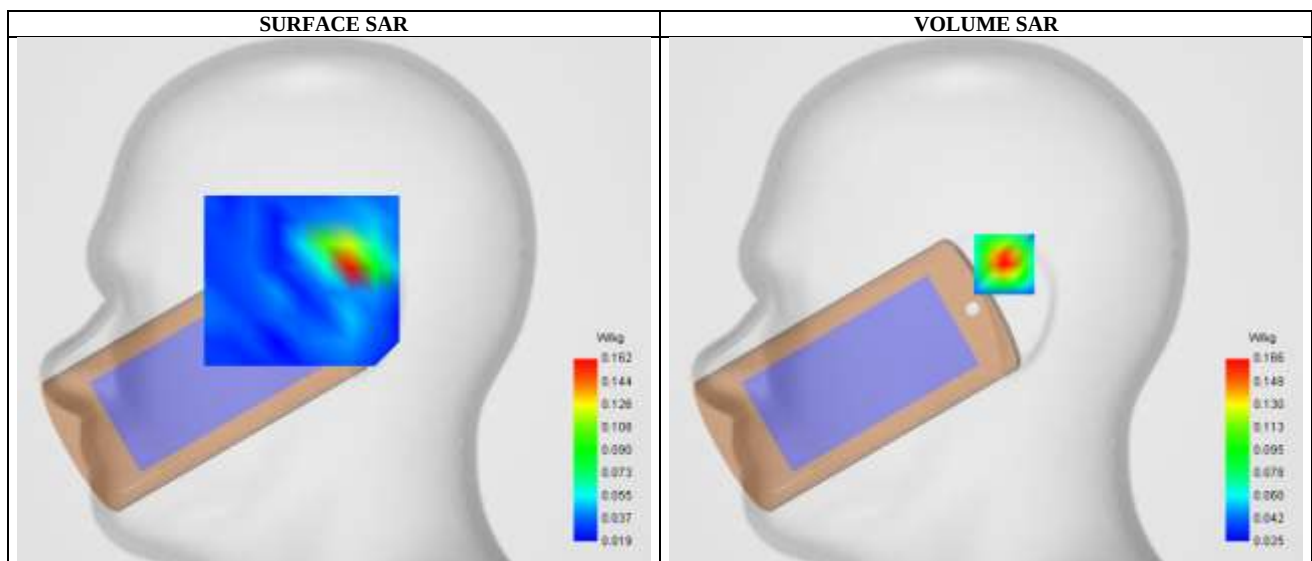
A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.10
Area Scan	dx=12mm dy=12mm
Zoom Scan	7x7x8,dx=5mm dy=5mm dz=5mm, Complete
Phantom	Right head
Device Position	Tilt
Band	NR n77
Channels	Middle
Signal	NR (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	3840.000000
Relative permittivity (real part)	37.822408
Conductivity (S/m)	3.379102

C. SAR Surface and Volume

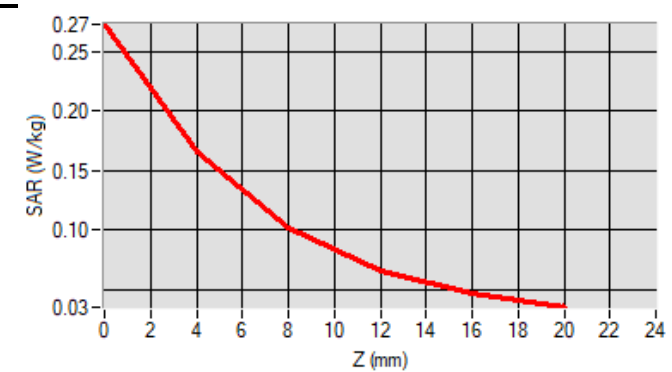


Maximum location: X=9.00, Y=18.00 ; SAR Peak: 0.27 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.079233
SAR 1g (W/Kg)	0.149716
Variation (%)	-0.560000

E. Z Axis Scan



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

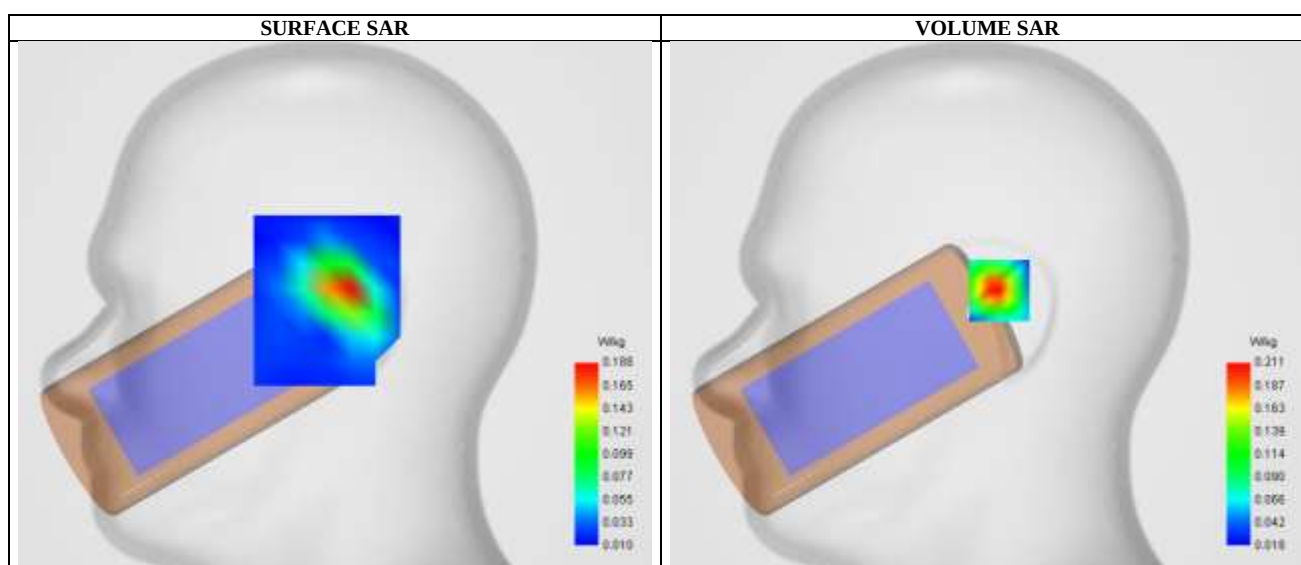
Date of measurement: 23/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.46
Area Scan	dx=12mm dy=12mm
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm,Complete
Phantom	Right head
Device Position	Tilt
Band	IEEE 802.11b ISM
Channels	Middle
Signal	IEEE802.b (Crest factor: 1.0)

B. Permittivity

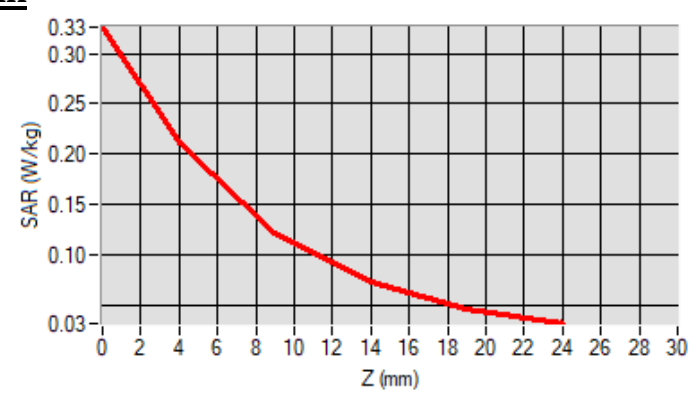
Frequency (MHz)	2437.000000
Relative permittivity (real part)	39.263002
Conductivity (S/m)	1.802081

C. SAR Surface and Volume

Maximum location: X=6.00, Y=7.00 ; SAR Peak: 0.33 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.099908
SAR 1g (W/Kg)	0.190397
Variation (%)	0.830000

E. Z Axis Scan

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

Date of measurement: 3/12/2022

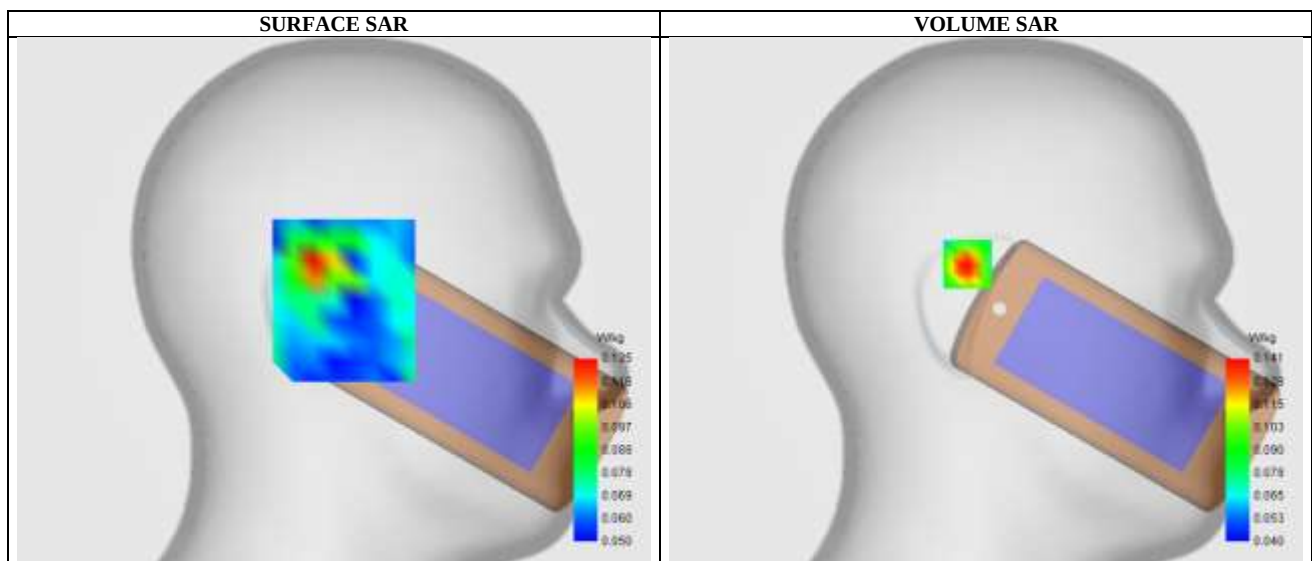
A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	1.71
Area Scan	dx=10mm dy=10mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm,Complete
Phantom	Left head
Device Position	Tilt
Band	IEEE 802.11a
Channels	Low
Signal	IEEE802.a (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	5180.000000
Relative permittivity (real part)	37.162151
Conductivity (S/m)	4.581612

C. SAR Surface and Volume

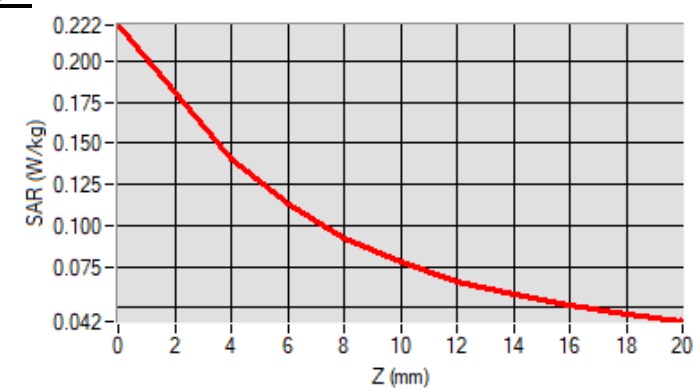


Maximum location: X=9.00, Y=18.00 ; SAR Peak: 0.23 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.082906
SAR 1g (W/Kg)	0.132563
Variation (%)	-0.310000

E. Z Axis Scan



SAR Measurement at CUSTOM (5.8GHz 802.11a) (Tilt, Left)

Date of measurement: 7/12/2022

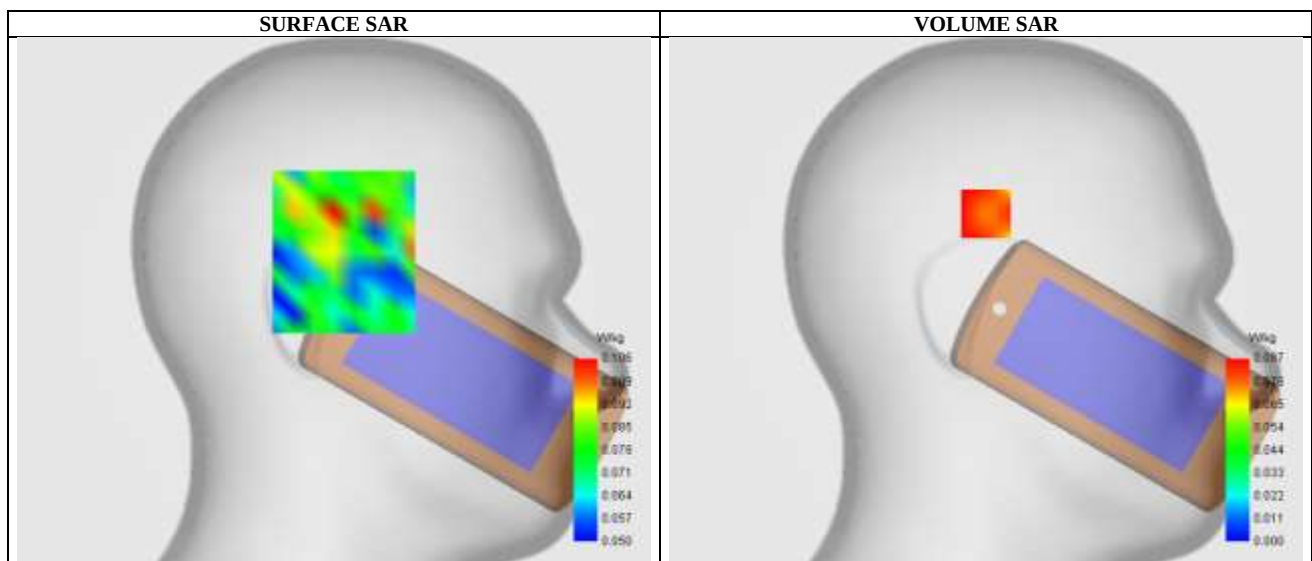
A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	1.94
Area Scan	dx=10mm dy=10mm
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm,Complete
Phantom	Left head
Device Position	Tilt
Band	IEEE 802.11a
Channels	Middle
Signal	IEEE802.a (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	5785.000000
Relative permittivity (real part)	35.894999
Conductivity (S/m)	5.113476

C. SAR Surface and Volume

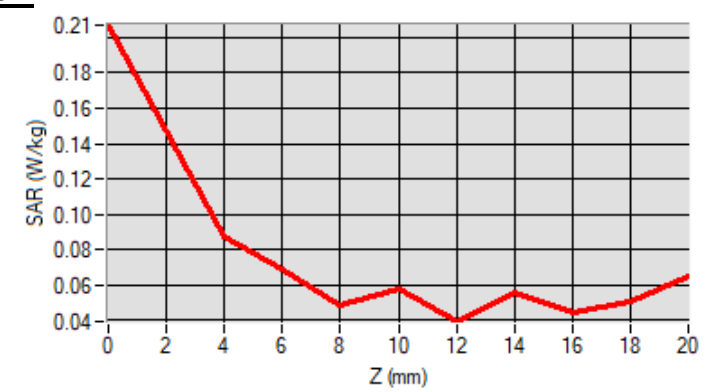


Maximum location: X=0.00, Y=43.00 ; SAR Peak: 0.35 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.074369
SAR 1g (W/Kg)	0.115228
Variation (%)	0.110000

E. Z Axis Scan



SAR Measurement at Bluetooth (Tilt, Right)

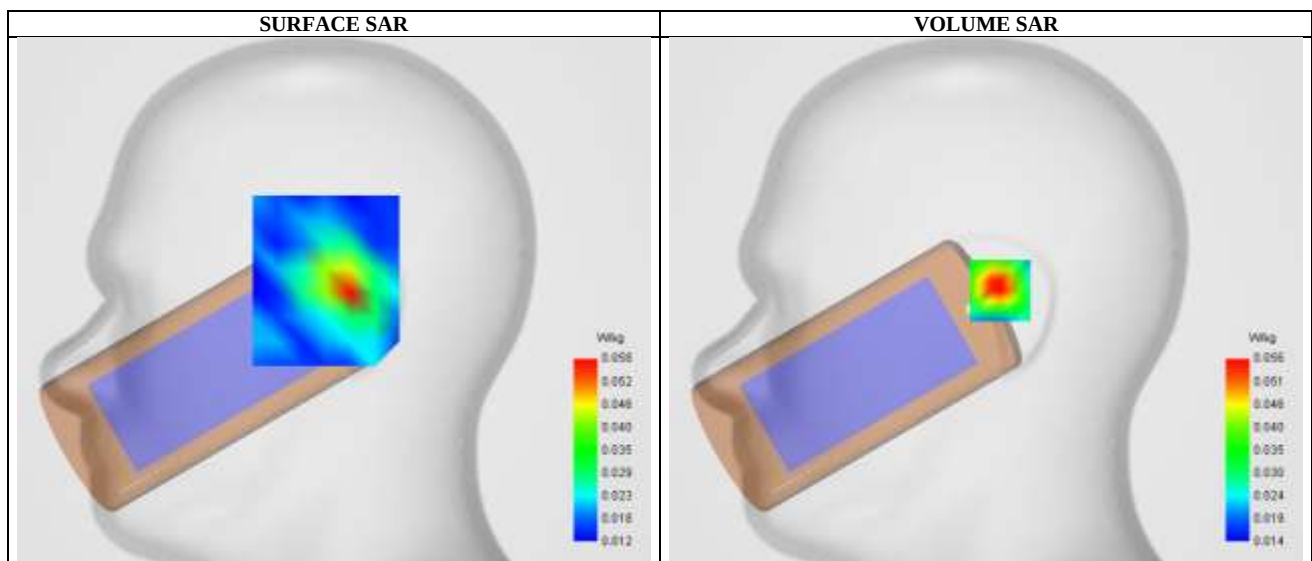
Date of measurement: 23/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.46
Area Scan	dx=12mm dy=12mm
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm,Complete
Phantom	Right head
Device Position	Tilt
Band	Bluetooth
Channels	Middle
Signal	Bluetooth (Crest factor: 1.0)

B. Permittivity

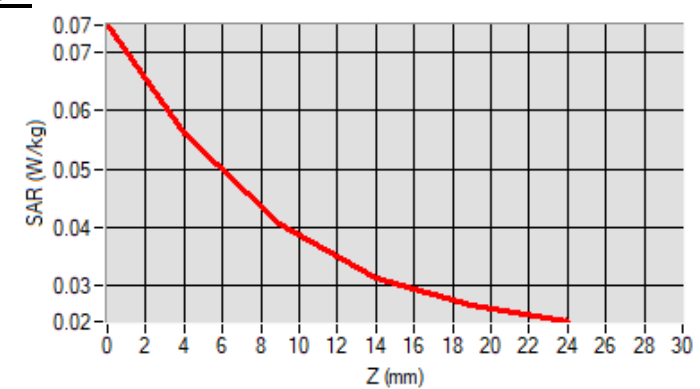
Frequency (MHz)	2441.000000
Relative permittivity (real part)	39.257999
Conductivity (S/m)	1.811558

C. SAR Surface and Volume

Maximum location: X=7.00, Y=5.00 ; SAR Peak: 0.08 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.035660
SAR 1g (W/Kg)	0.052824
Variation (%)	2.790000

E. Z Axis Scan

SAR Measurement at CUSTOM (GPRS850Txslots) (Body, Validation Plane)

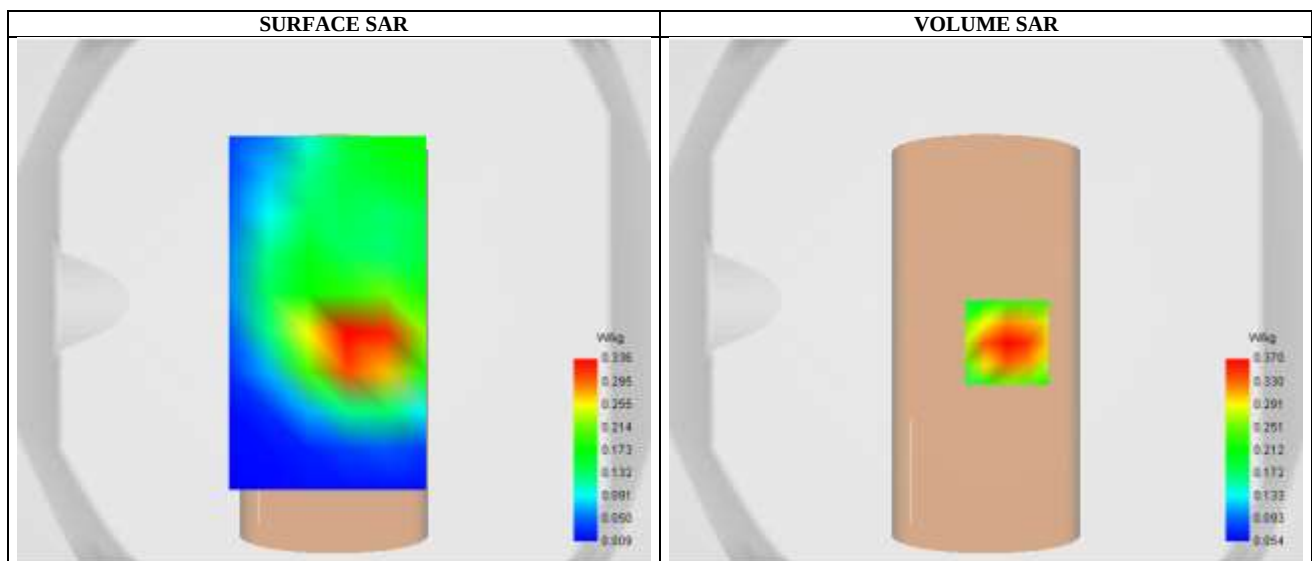
Date of measurement: 10/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	1.70
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	GSM850
Channels	High
Signal	TDMA (Crest factor: 2.0)

B. Permittivity

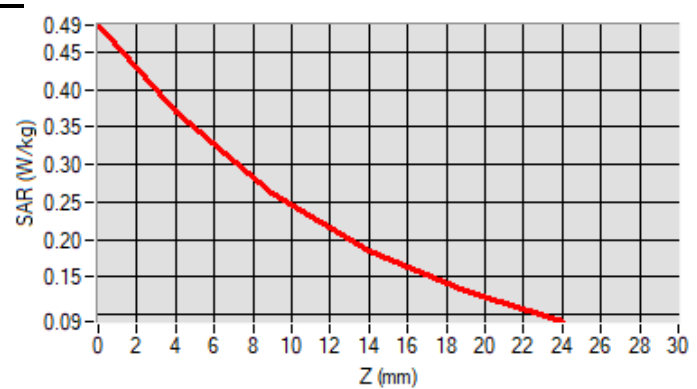
Frequency (MHz)	848.800000
Relative permittivity (real part)	41.586210
Conductivity (S/m)	0.901069

C. SAR Surface and Volume

Maximum location: X=8.00, Y=-16.00 ; SAR Peak: 0.49 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.233080
SAR 1g (W/Kg)	0.350983
Variation (%)	-0.120000

E. Z Axis Scan

SAR Measurement at CUSTOM (GPRS19004Txslot) (Body, Validation Plane)

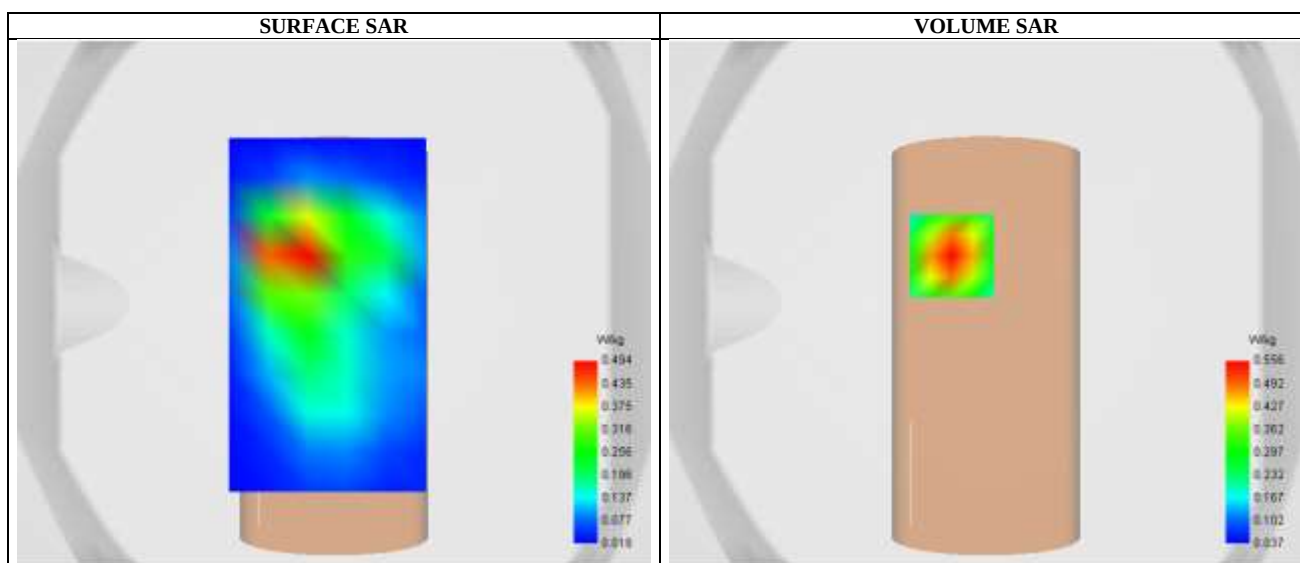
Date of measurement: 21/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.00
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	GSM1900
Channels	High
Signal	TDMA (Crest factor: 2.0)

B. Permittivity

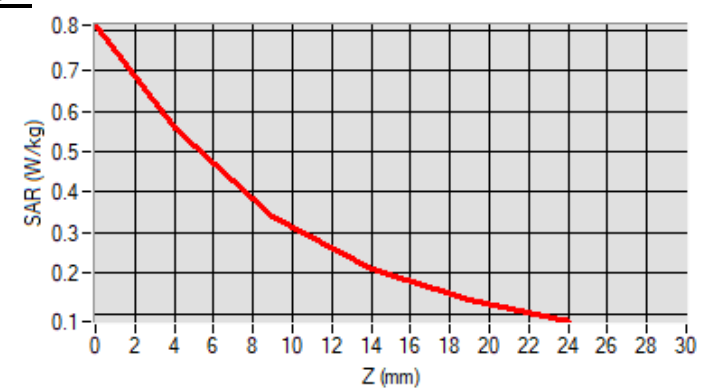
Frequency (MHz)	1909.800000
Relative permittivity (real part)	39.751224
Conductivity (S/m)	1.401243

C. SAR Surface and Volume

Maximum location: X=-13.00, Y=18.00 ; SAR Peak: 0.81 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.297210
SAR 1g (W/Kg)	0.518992
Variation (%)	-4.480000

E. Z Axis Scan

SAR Measurement at Band2_WCDMA1900 (Body, Validation Plane)

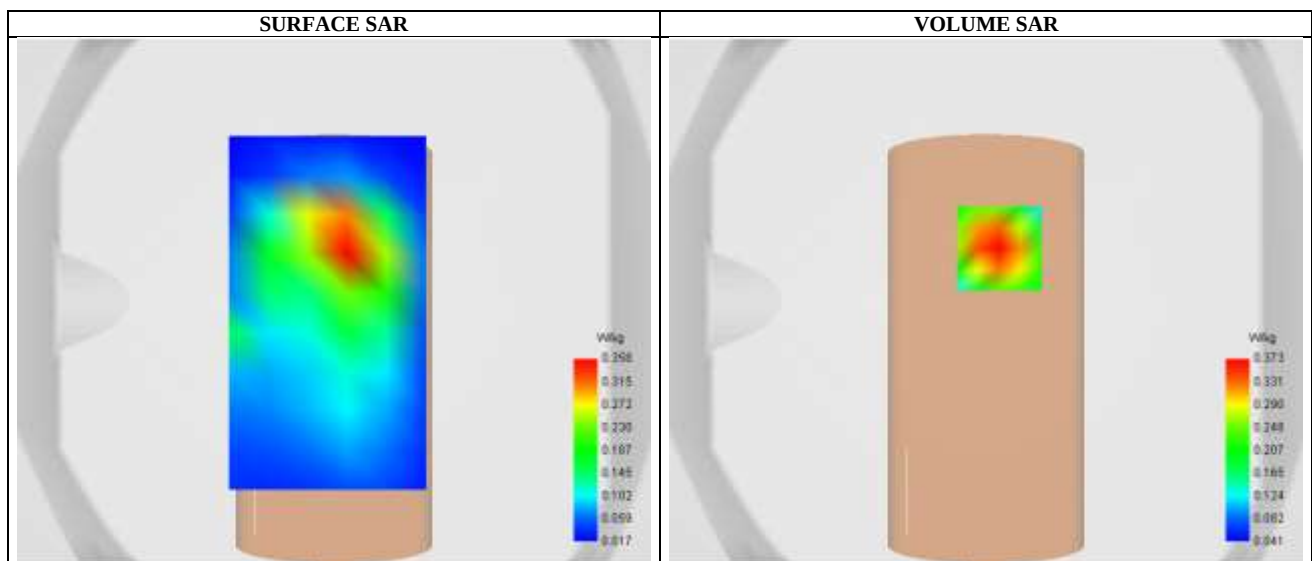
Date of measurement: 21/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.00
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	Band2_WCDMA1900
Channels	High
Signal	WCDMA (Crest factor: 1.0)

B. Permittivity

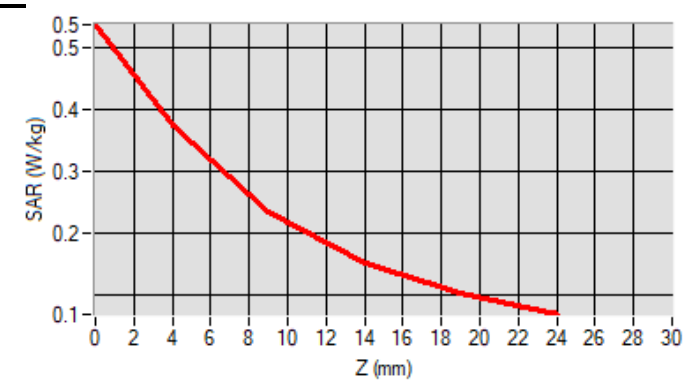
Frequency (MHz)	1907.600000
Relative permittivity (real part)	39.771224
Conductivity (S/m)	1.394391

C. SAR Surface and Volume

Maximum location: X=-11.00, Y=16.00 ; SAR Peak: 0.69 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.171268
SAR 1g (W/Kg)	0.256351
Variation (%)	0.020000

E. Z Axis Scan

SAR Measurement at CUSTOM (WCDMA_1700) (Body, Validation Plane)

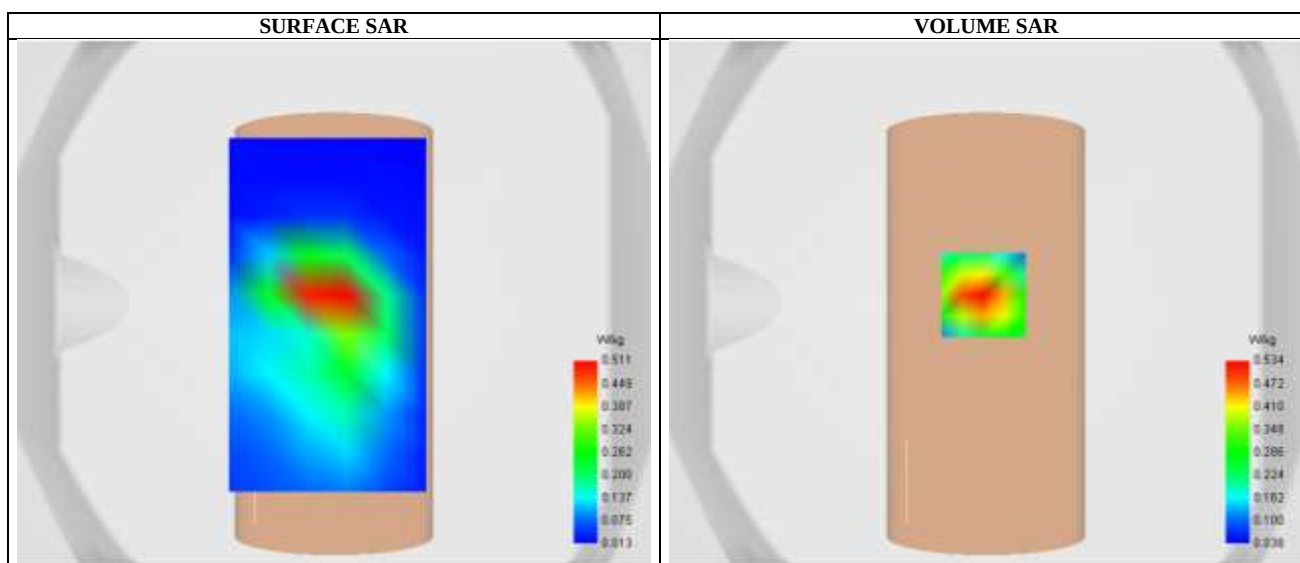
Date of measurement: 15/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.05
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	Band4_WCDMA1700
Channels	High
Signal	WCDMA (Crest factor: 1.0)

B. Permittivity

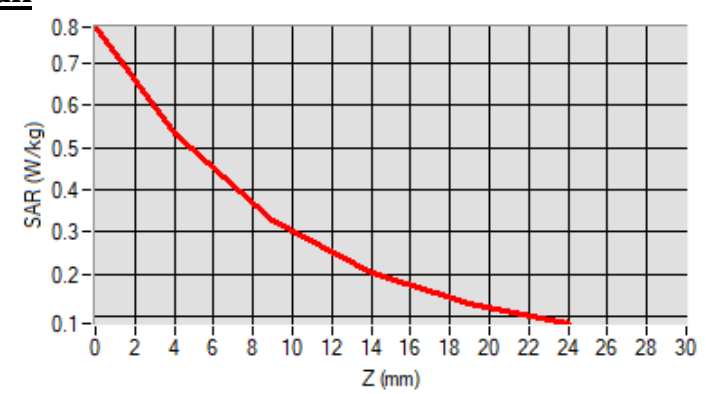
Frequency (MHz)	1752.599976
Relative permittivity (real part)	40.094799
Conductivity (S/m)	1.371441

C. SAR Surface and Volume

Maximum location: X=-12.00, Y=17.00 ; SAR Peak: 0.76 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.215377
SAR 1g (W/Kg)	0.319497
Variation (%)	-0.920000

E. Z Axis Scan

SAR Measurement at Band5_WCDMA850 (Body, Validation Plane)

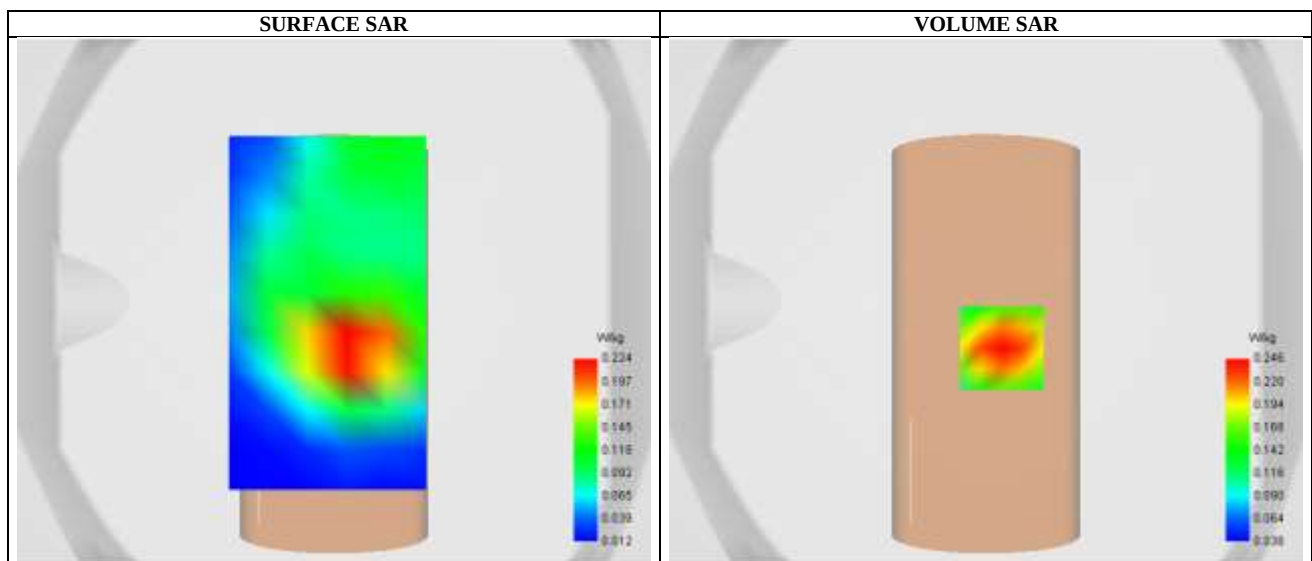
Date of measurement: 10/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	1.73
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	Band5_WCDMA850
Channels	High
Signal	WCDMA (Crest factor: 1.0)

B. Permittivity

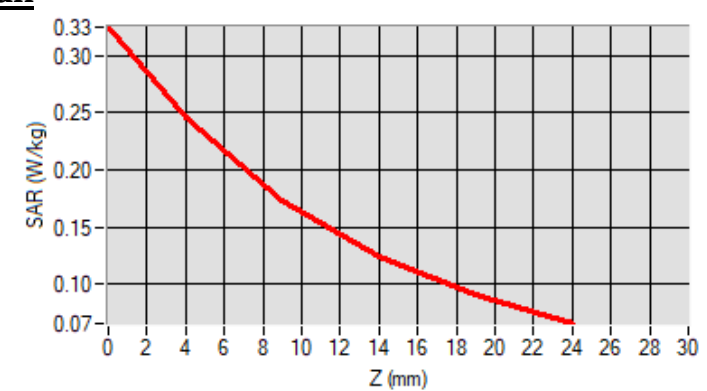
Frequency (MHz)	846.600000
Relative permittivity (real part)	41.586210
Conductivity (S/m)	0.901069

C. SAR Surface and Volume

Maximum location: X=6.00, Y=-18.00 ; SAR Peak: 0.33 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.155157
SAR 1g (W/Kg)	0.233347
Variation (%)	1.340000

E. Z Axis Scan

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

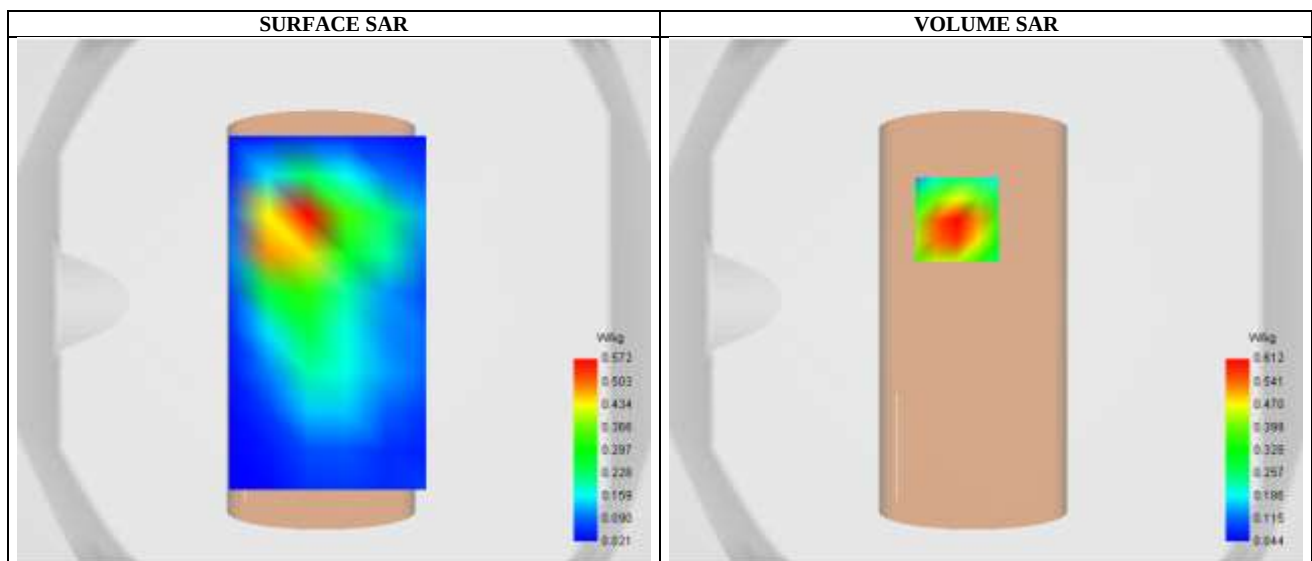
Date of measurement: 21/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.00
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 2
Channels	Low
Signal	LTE (Crest factor: 1.0)

B. Permittivity

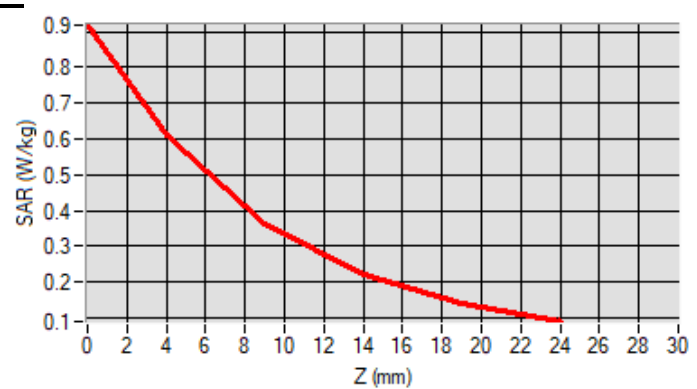
Frequency (MHz)	1860.000000
Relative permittivity (real part)	39.776212
Conductivity (S/m)	1.385291

C. SAR Surface and Volume

Maximum location: X=-11.00, Y=31.00 ; SAR Peak: 0.93 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.233740
SAR 1g (W/Kg)	0.427837
Variation (%)	0.880000

E. Z Axis Scan

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

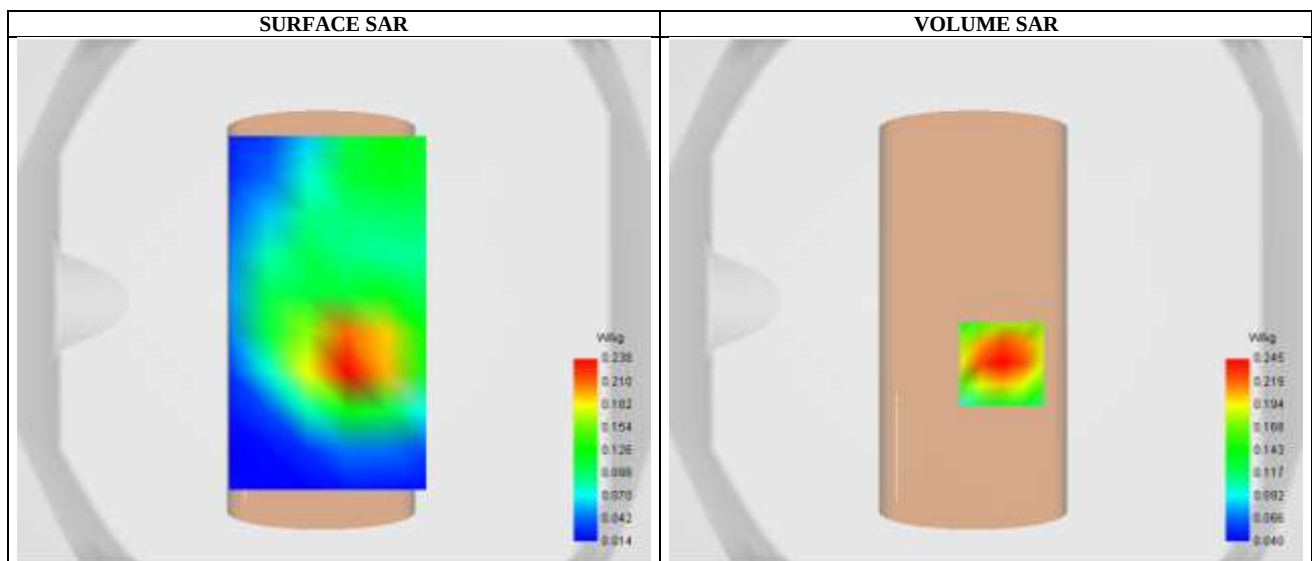
Date of measurement: 10/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	1.73
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 5
Channels	Low
Signal	LTE (Crest factor: 1.0)

B. Permittivity

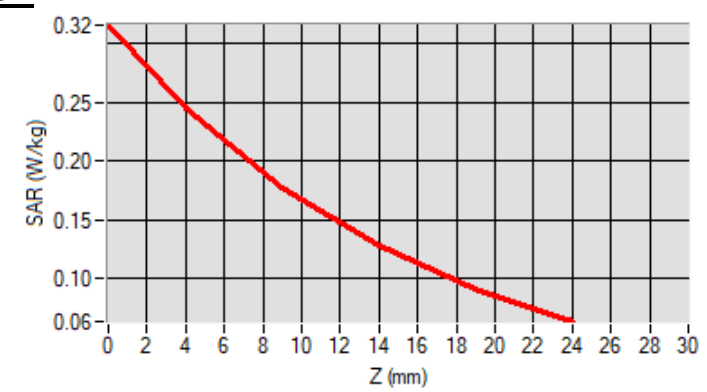
Frequency (MHz)	829.000000
Relative permittivity (real part)	41.602150
Conductivity (S/m)	0.881521

C. SAR Surface and Volume

Maximum location: X=6.00, Y=-24.00 ; SAR Peak: 0.32 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.155560
SAR 1g (W/Kg)	0.233080
Variation (%)	-4.860000

E. Z Axis Scan

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

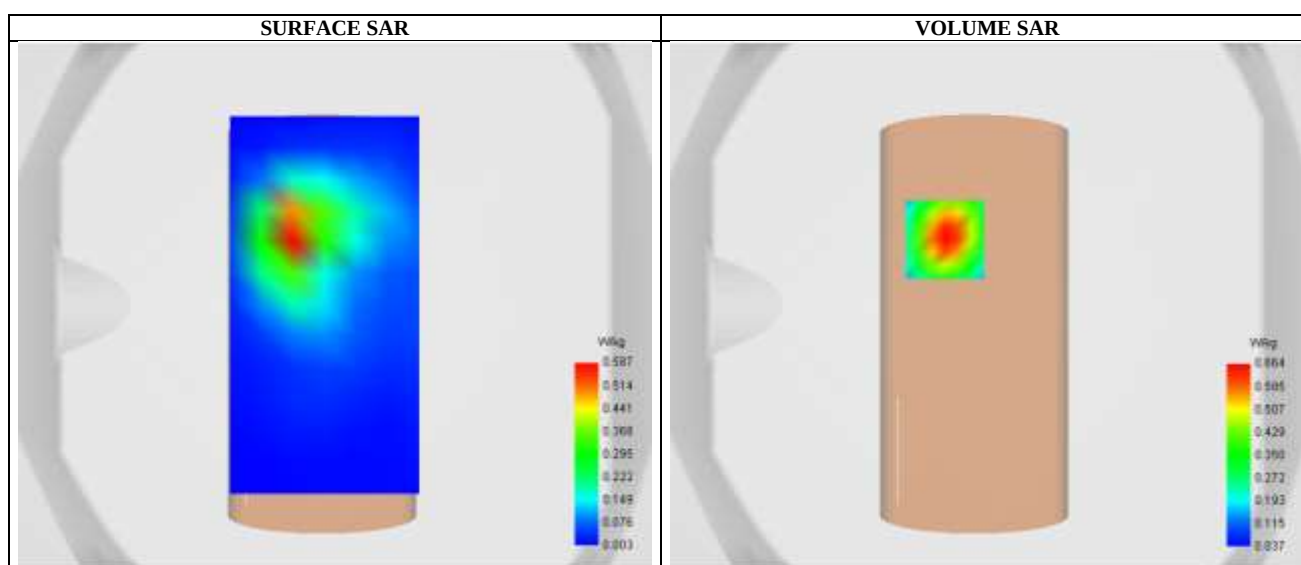
Date of measurement: 26/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.27
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 7
Channels	Middle
Signal	LTE (Crest factor: 1.0)

B. Permittivity

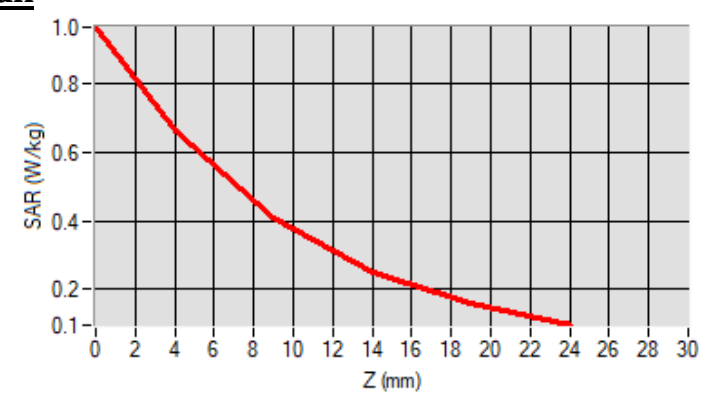
Frequency (MHz)	2535.000000
Relative permittivity (real part)	39.121622
Conductivity (S/m)	1.921561

C. SAR Surface and Volume

Maximum location: X=-16.00, Y=25.00 ; SAR Peak: 1.03 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.230204
SAR 1g (W/Kg)	0.586279
Variation (%)	-0.390000

E. Z Axis Scan

SAR Measurement at CUSTOM (LTE Band 41) (Body, Validation Plane)

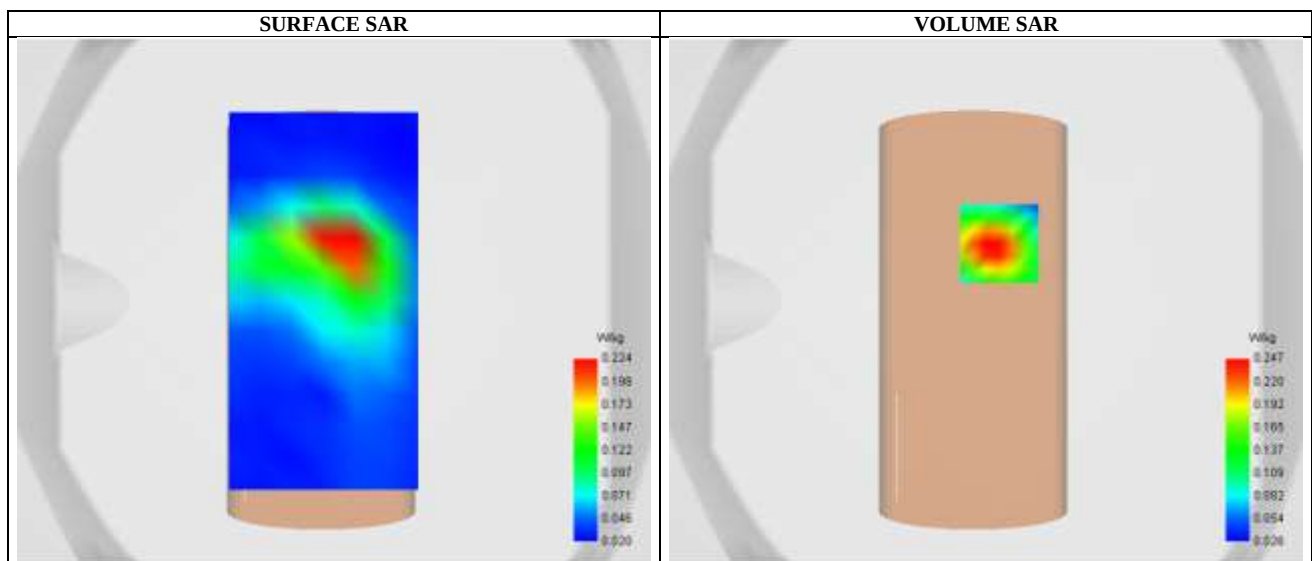
Date of measurement: 26/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.27
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 41
Channels	High
Signal	LTE (Crest factor: 1.0)

B. Permittivity

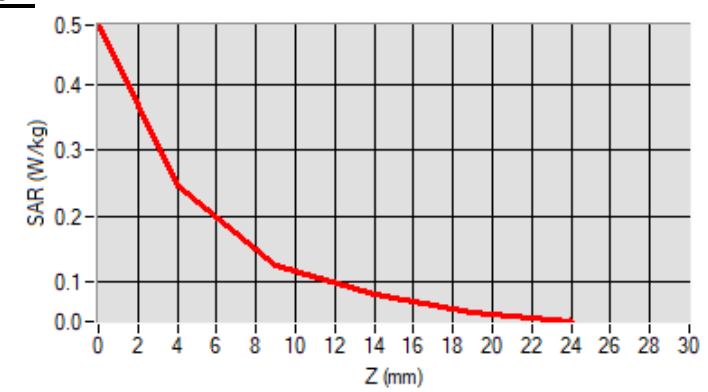
Frequency (MHz)	2680.000000
Relative permittivity (real part)	39.096622
Conductivity (S/m)	1.942660

C. SAR Surface and Volume

Maximum location: X=5.00, Y=22.00 ; SAR Peak: 0.40 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.127014
SAR 1g (W/Kg)	0.285743
Variation (%)	-0.790000

E. Z Axis Scan

SAR Measurement at CUSTOM (LTE Band 66) (Body, Validation Plane)

Date of measurement: 15/11/2022

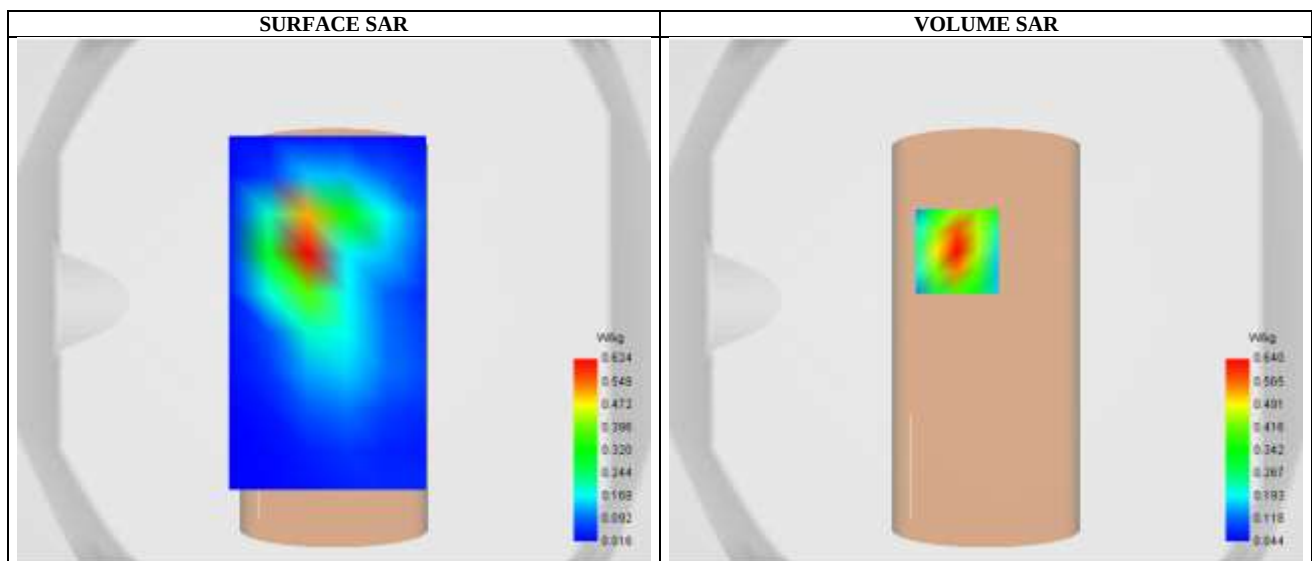
A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.05
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 66
Channels	High
Signal	LTE (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	1720.000000
Relative permittivity (real part)	40.034546
Conductivity (S/m)	1.347225

C. SAR Surface and Volume

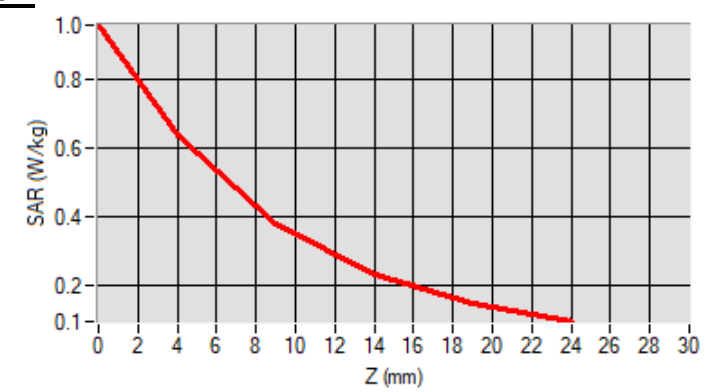


Maximum location: X=-11.00, Y=19.00 ; SAR Peak: 0.96 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.314872
SAR 1g (W/Kg)	0.490429
Variation (%)	-4.130000

E. Z Axis Scan



SAR Measurement at CUSTOM (NRn5) (Body, Validation Plane)

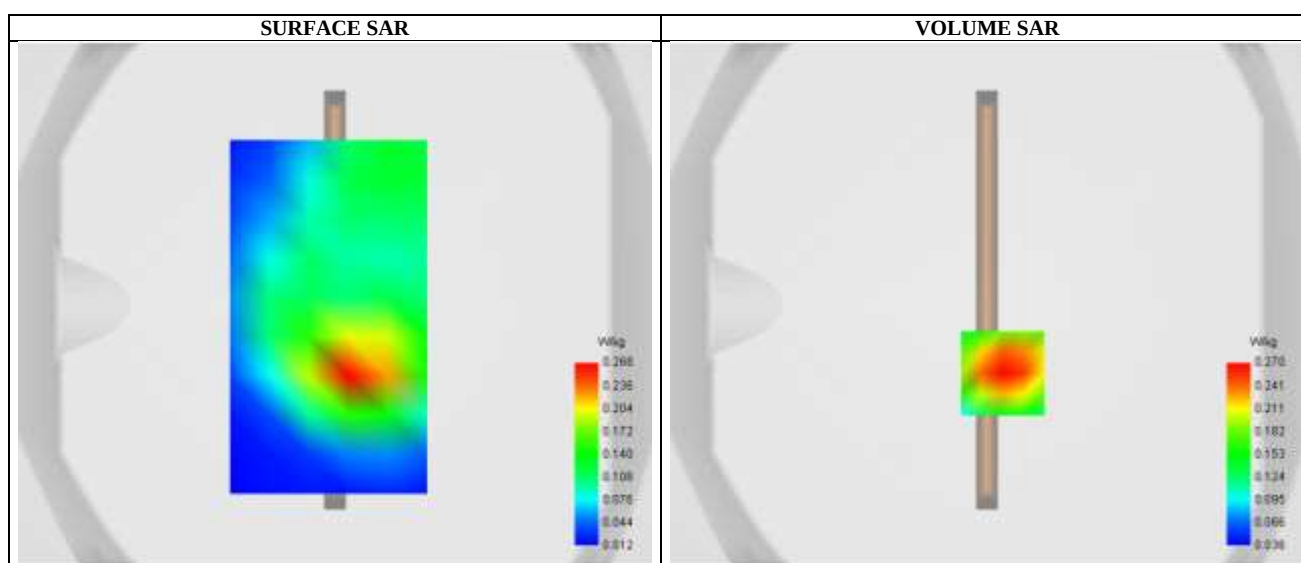
Date of measurement: 10/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	1.70
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	NR n5
Channels	High
Signal	NR (Crest factor: 1.0)

B. Permittivity

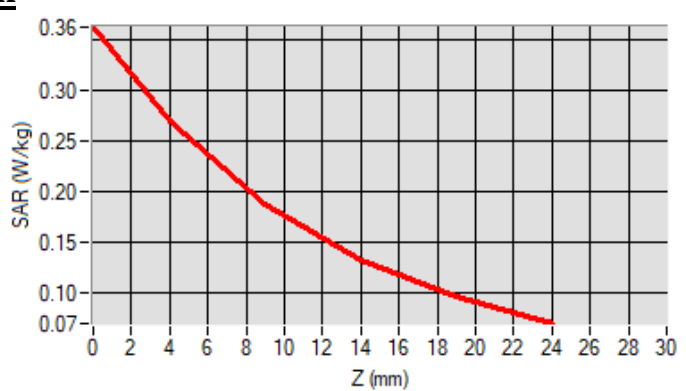
Frequency (MHz)	834.000000
Relative permittivity (real part)	41.602150
Conductivity (S/m)	0.881521

C. SAR Surface and Volume

Maximum location: X=6.00, Y=-26.00 ; SAR Peak: 0.36 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.167182
SAR 1g (W/Kg)	0.255815
Variation (%)	0.290000

E. Z Axis Scan

SAR Measurement at CUSTOM (NRn7) (Body, Validation Plane)

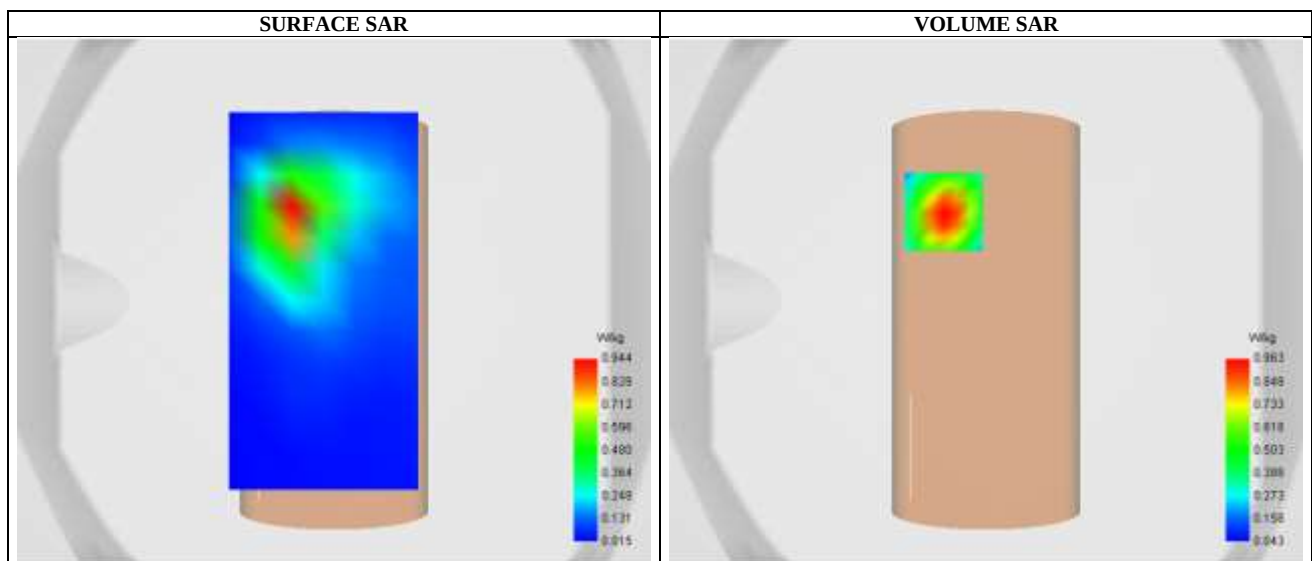
Date of measurement: 26/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.27
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	NR n7
Channels	High
Signal	NR (Crest factor: 1.0)

B. Permittivity

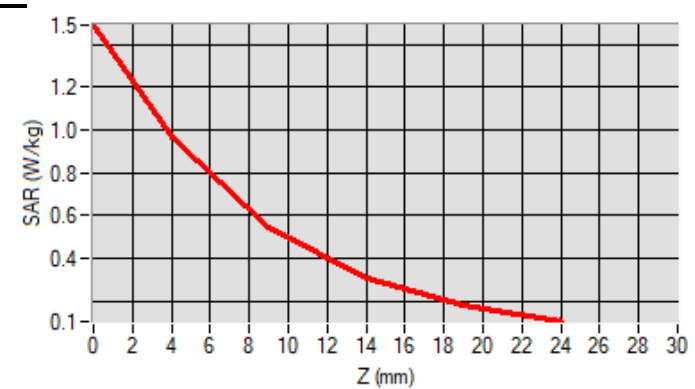
Frequency (MHz)	2560.000000
Relative permittivity (real part)	39.114135
Conductivity (S/m)	1.913469

C. SAR Surface and Volume

Maximum location: X=-16.00, Y=34.00 ; SAR Peak: 1.49 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.358096
SAR 1g (W/Kg)	0.512153
Variation (%)	2.070000

E. Z Axis Scan

SAR Measurement at CUSTOM (NRn41) (Body, Validation Plane)

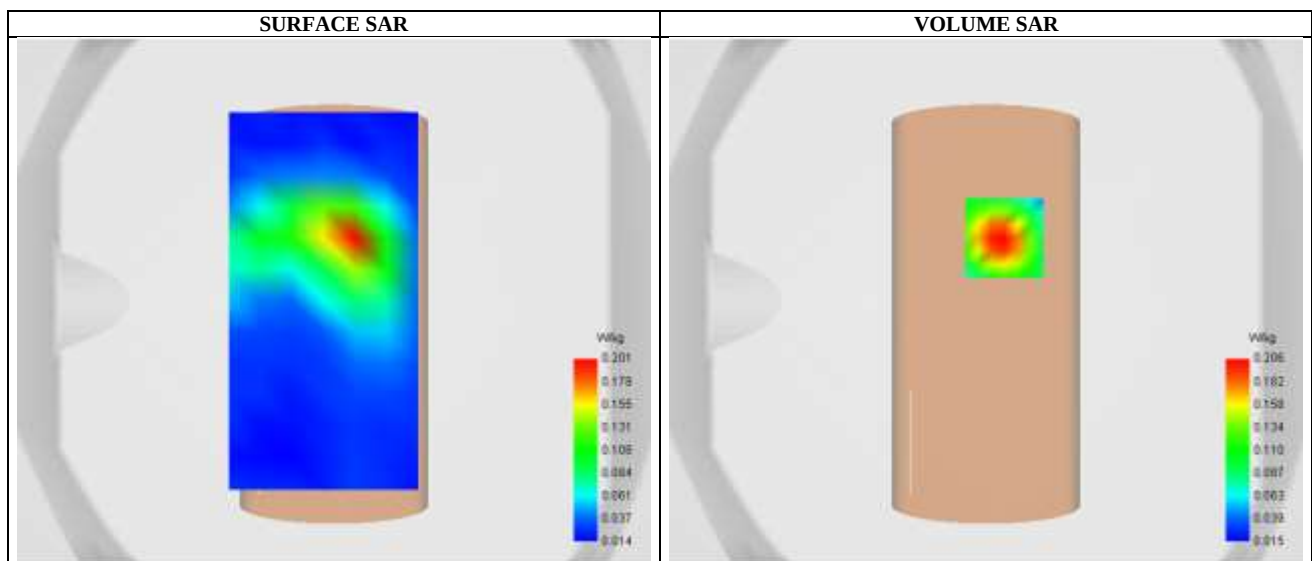
Date of measurement: 26/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.27
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	NR n41
Channels	High
Signal	NR (Crest factor: 1.0)

B. Permittivity

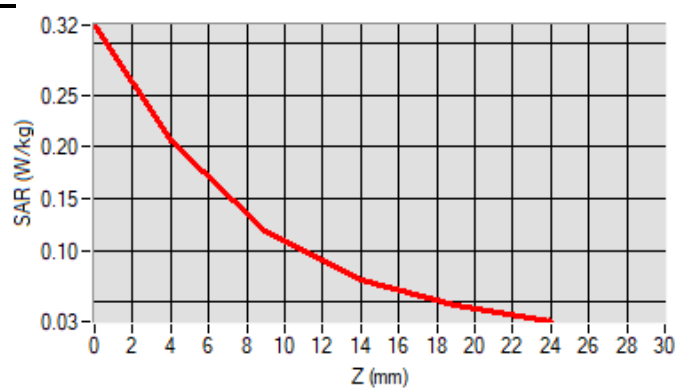
Frequency (MHz)	2592.990000
Relative permittivity (real part)	39.112985
Conductivity (S/m)	1.933787

C. SAR Surface and Volume

Maximum location: X=7.00, Y=24.00 ; SAR Peak: 0.32 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.105277
SAR 1g (W/Kg)	0.189458
Variation (%)	-0.510000

E. Z Axis Scan

SAR Measurement at CUSTOM (NR_n66) (Body, Validation Plane)

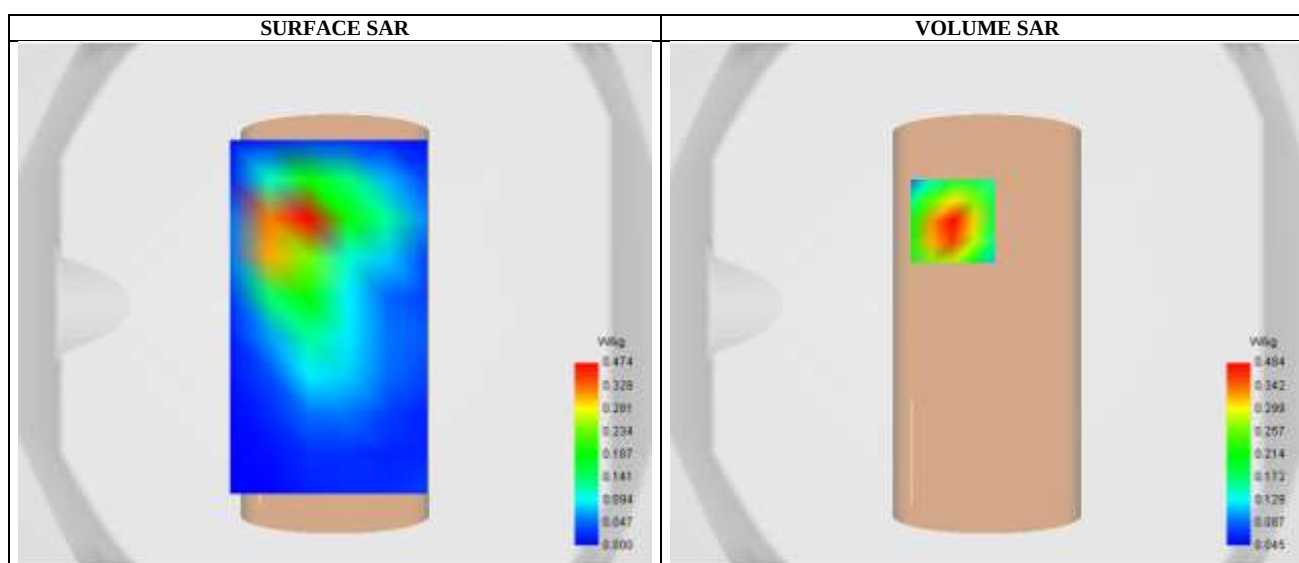
Date of measurement: 15/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.05
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	NR_n66
Channels	High
Signal	NR (Crest factor: 1.0)

B. Permittivity

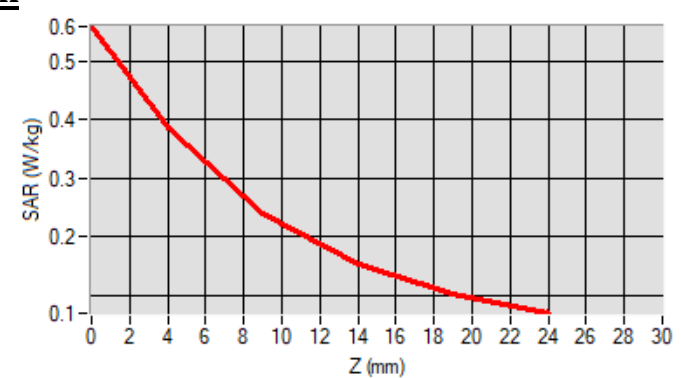
Frequency (MHz)	1760.000000
Relative permittivity (real part)	40.016398
Conductivity (S/m)	1.369861

C. SAR Surface and Volume

Maximum location: X=-13.00, Y=32.00 ; SAR Peak: 0.67 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.239186
SAR 1g (W/Kg)	0.396971
Variation (%)	-3.060000

E. Z Axis Scan

SAR Measurement at CUSTOM (NRn71) (Body, Validation Plane)

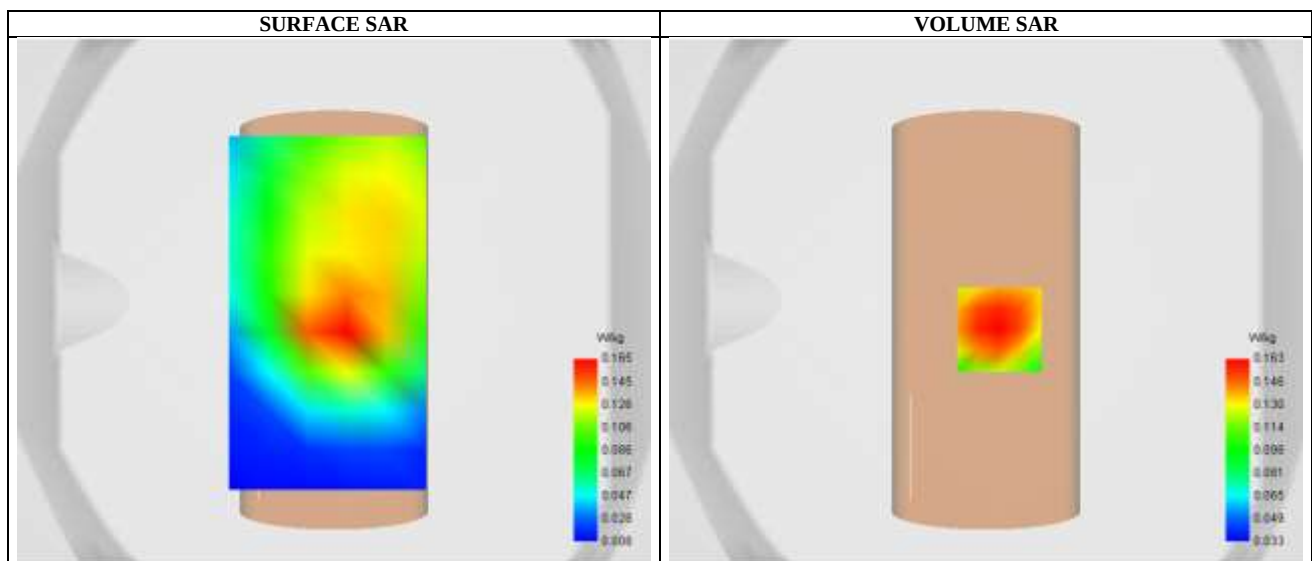
Date of measurement: 18/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	1.70
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	NR n71
Channels	Middle
Signal	NR (Crest factor: 1.0)

B. Permittivity

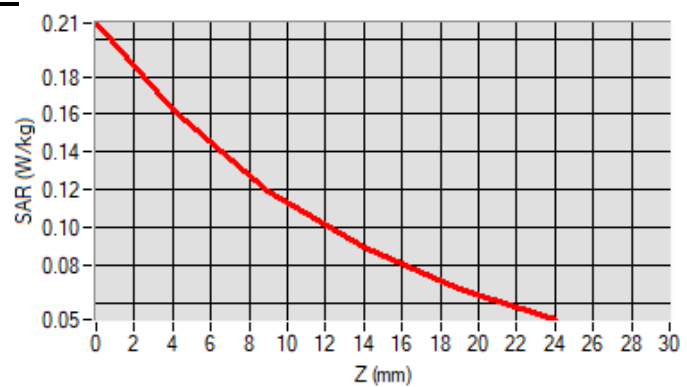
Frequency (MHz)	680.500000
Relative permittivity (real part)	41.962822
Conductivity (S/m)	0.862500

C. SAR Surface and Volume

Maximum location: X=5.00, Y=-11.00 ; SAR Peak: 0.21 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.115133
SAR 1g (W/Kg)	0.192598
Variation (%)	2.190000

E. Z Axis Scan

SAR Measurement at NR n77 (Body, Validation Plane)

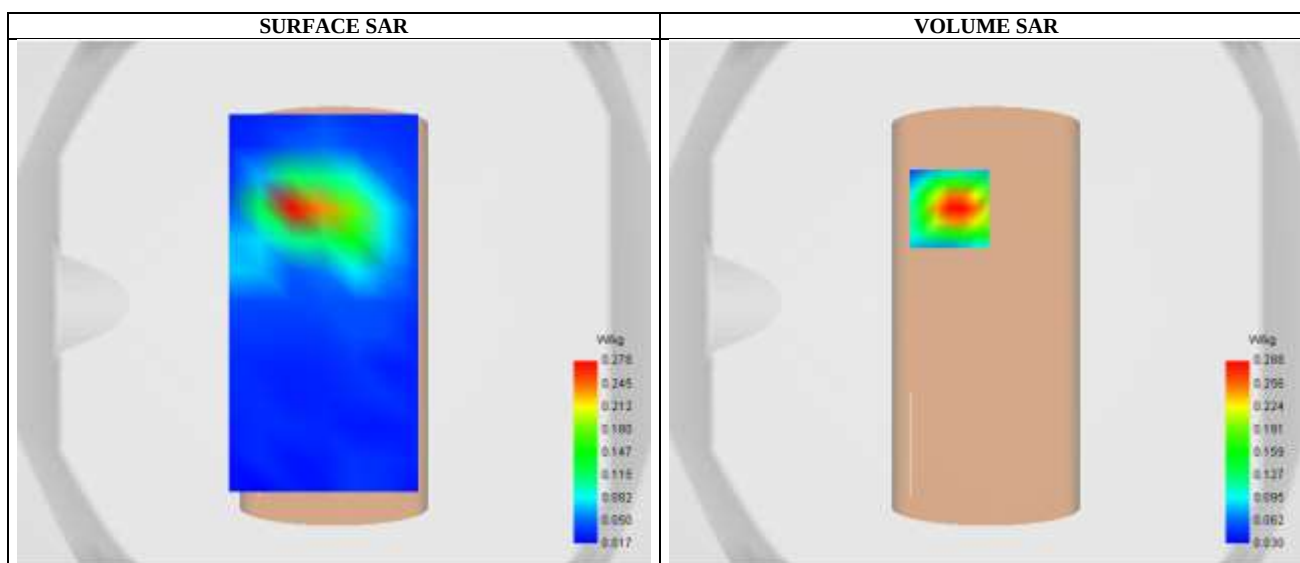
Date of measurement: 12/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.10
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x8,dx=5mm dy=5mm dz=4mm,Complete
Phantom	Validation plane
Device Position	Body
Band	NR n77
Channels	Middle
Signal	NR (Crest factor: 1.0)

B. Permittivity

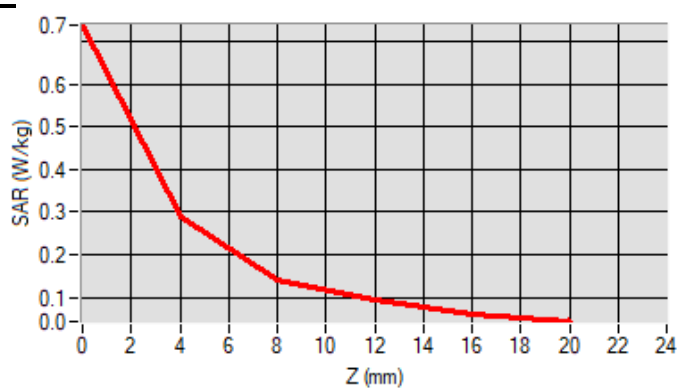
Frequency (MHz)	3500.010000
Relative permittivity (real part)	37.963117
Conductivity (S/m)	2.965592

C. SAR Surface and Volume

Maximum location: X=-14.00, Y=36.00 ; SAR Peak: 0.51 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.131098
SAR 1g (W/Kg)	0.265147
Variation (%)	-0.680000

E. Z Axis Scan

SAR Measurement at NR n77 (Body, Validation Plane)

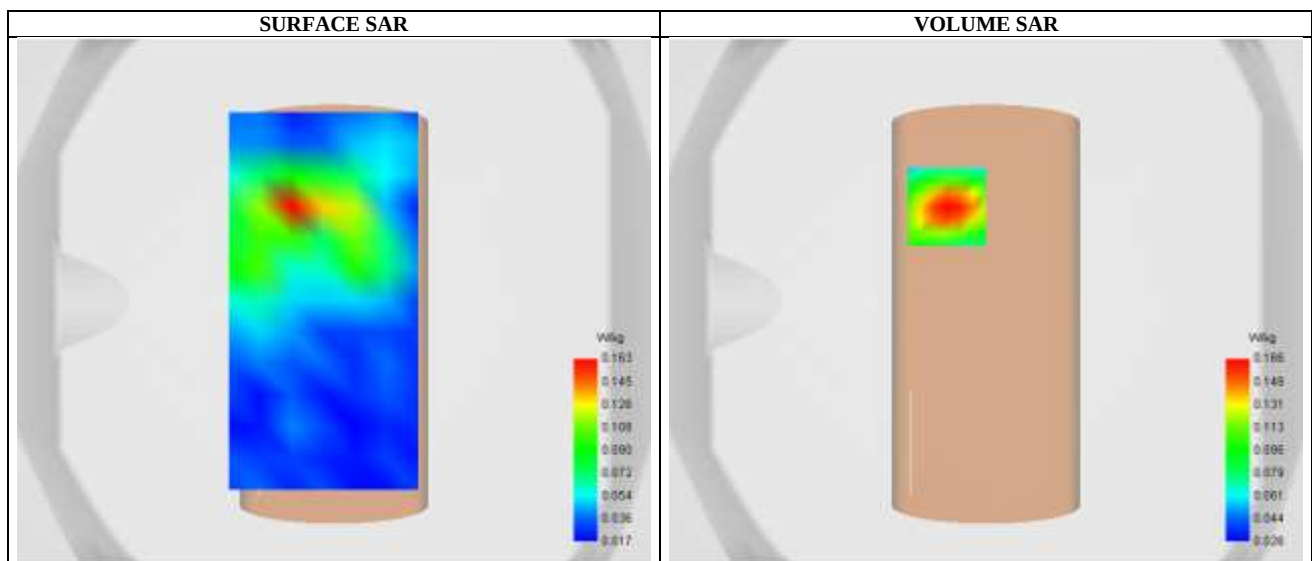
Date of measurement: 13/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.41
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x8,dx=5mm dy=5mm dz=4mm,Complete
Phantom	Validation plane
Device Position	Body
Band	NR n77
Channels	Middle
Signal	NR (Crest factor: 1.0)

B. Permittivity

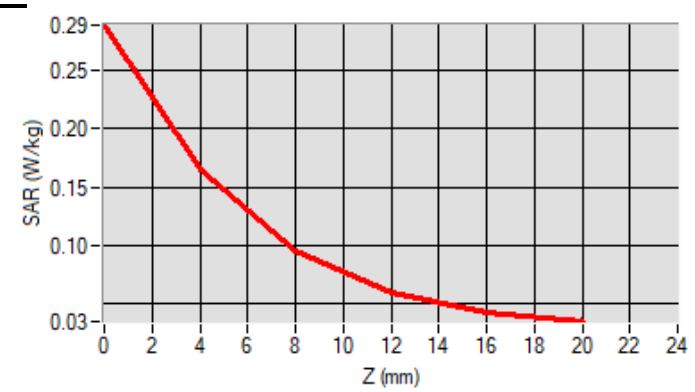
Frequency (MHz)	3840.000000
Relative permittivity (real part)	37.822408
Conductivity (S/m)	3.379102

C. SAR Surface and Volume

Maximum location: X=-15.00, Y=36.00 ; SAR Peak: 0.29 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.085256
SAR 1g (W/Kg)	0.154084
Variation (%)	-3.860000

E. Z Axis Scan

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

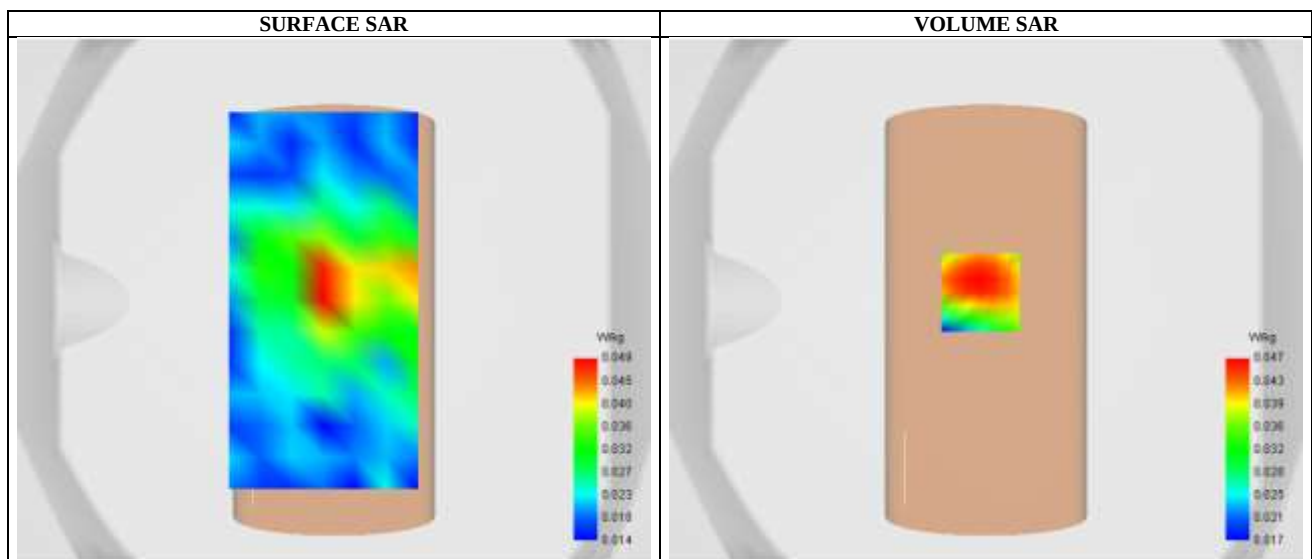
Date of measurement: 23/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.46
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	IEEE 802.11b ISM
Channels	Middle
Signal	IEEE802.b (Crest factor: 1.0)

B. Permittivity

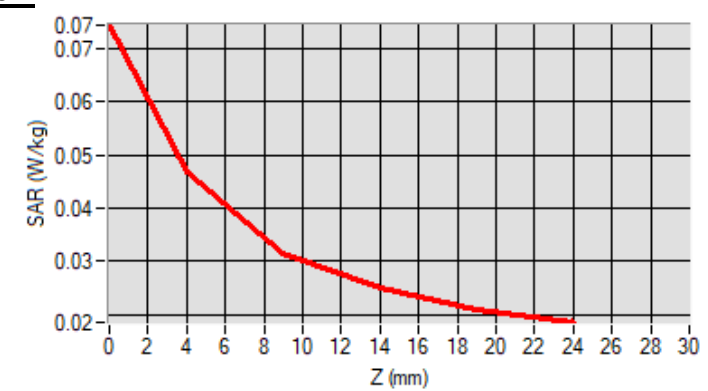
Frequency (MHz)	2437.000000
Relative permittivity (real part)	39.263002
Conductivity (S/m)	1.802081

C. SAR Surface and Volume

Maximum location: X=-2.00, Y=3.00 ; SAR Peak: 0.06 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.032484
SAR 1g (W/Kg)	0.044965
Variation (%)	4.280000

E. Z Axis Scan

SAR Measurement at CUSTOM (5.2GHz_802.11a) (Body, Validation Plane)

Date of measurement: 03/12/2022

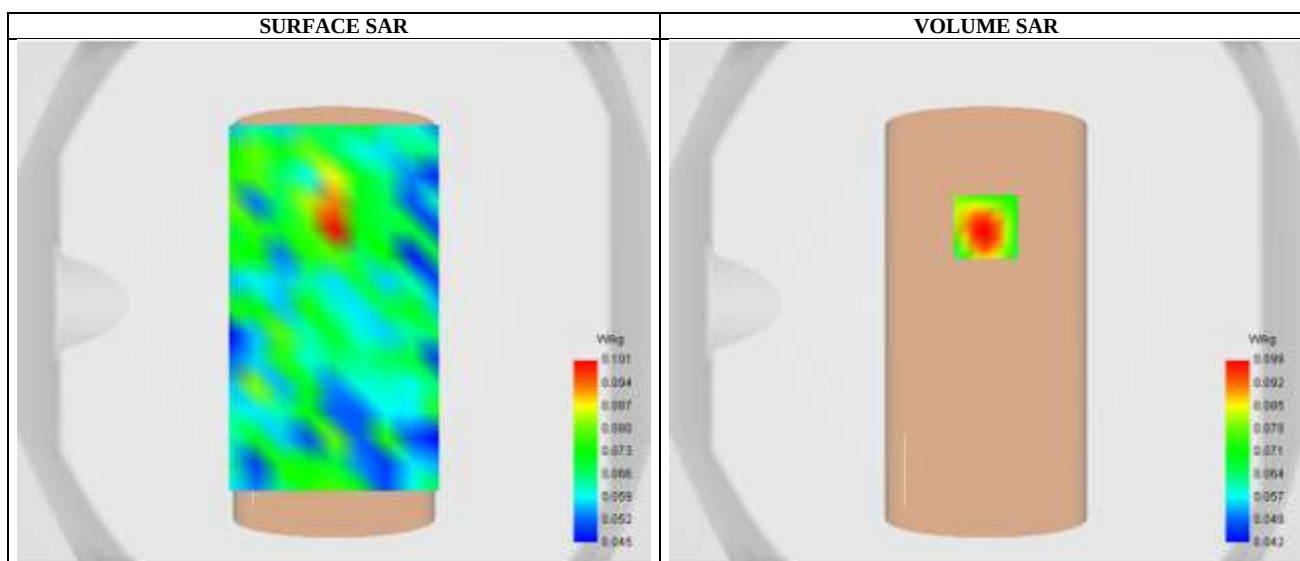
A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	1.71
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	IEEE 802.11a
Channels	Low
Signal	IEEE802.a (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	5180.000000
Relative permittivity (real part)	37.162151
Conductivity (S/m)	4.581612

C. SAR Surface and Volume

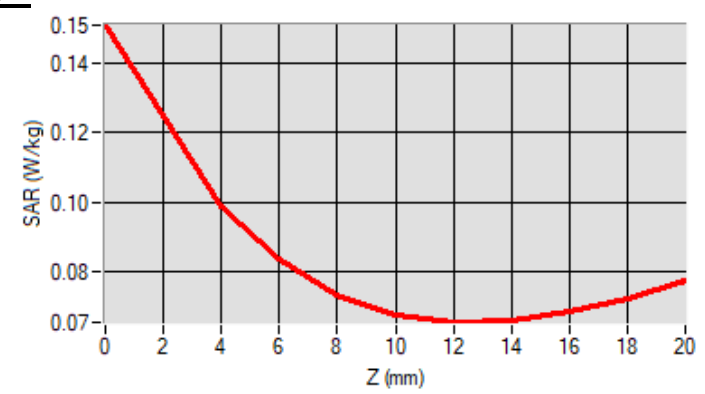


Maximum location: X=0.00, Y=29.00 ; SAR Peak: 0.12 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.072751
SAR 1g (W/Kg)	0.081666
Variation (%)	0.540000

E. Z Axis Scan



SAR Measurement at CUSTOM (5.8GHz 802.11a) (Body, Validation Plane)

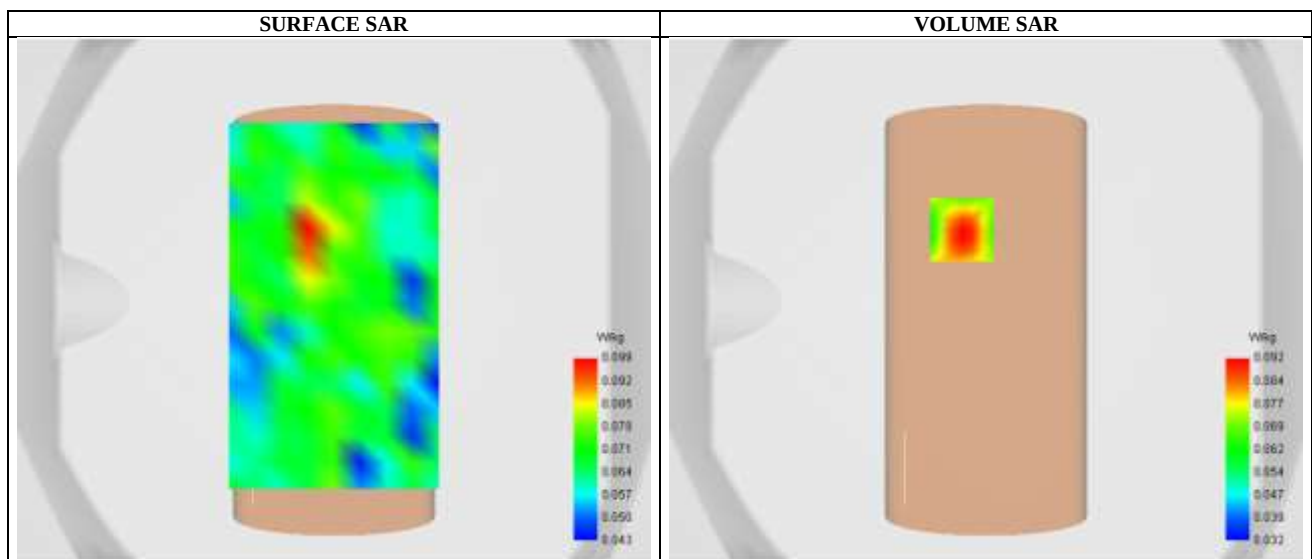
Date of measurement: 07/12/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	1.94
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	IEEE 802.11a
Channels	Middle
Signal	IEEE802.a (Crest factor: 1.0)

B. Permittivity

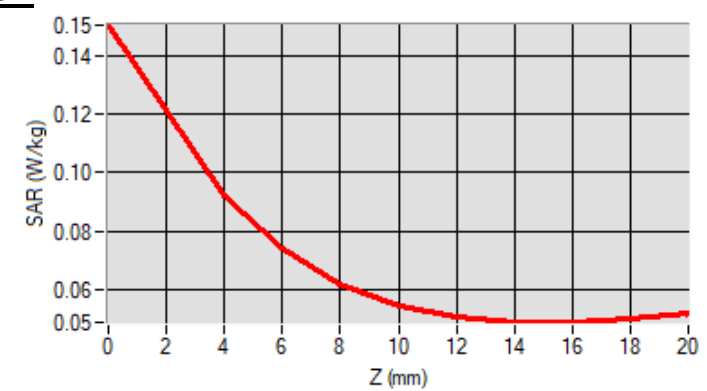
Frequency (MHz)	5785.000000
Relative permittivity (real part)	35.894999
Conductivity (S/m)	5.113476

C. SAR Surface and Volume

Maximum location: X=-9.00, Y=27.00 ; SAR Peak: 0.15 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.067284
SAR 1g (W/Kg)	0.083885
Variation (%)	-2.740000

E. Z Axis Scan

SAR Measurement at Bluetooth (Body, Validation Plane)

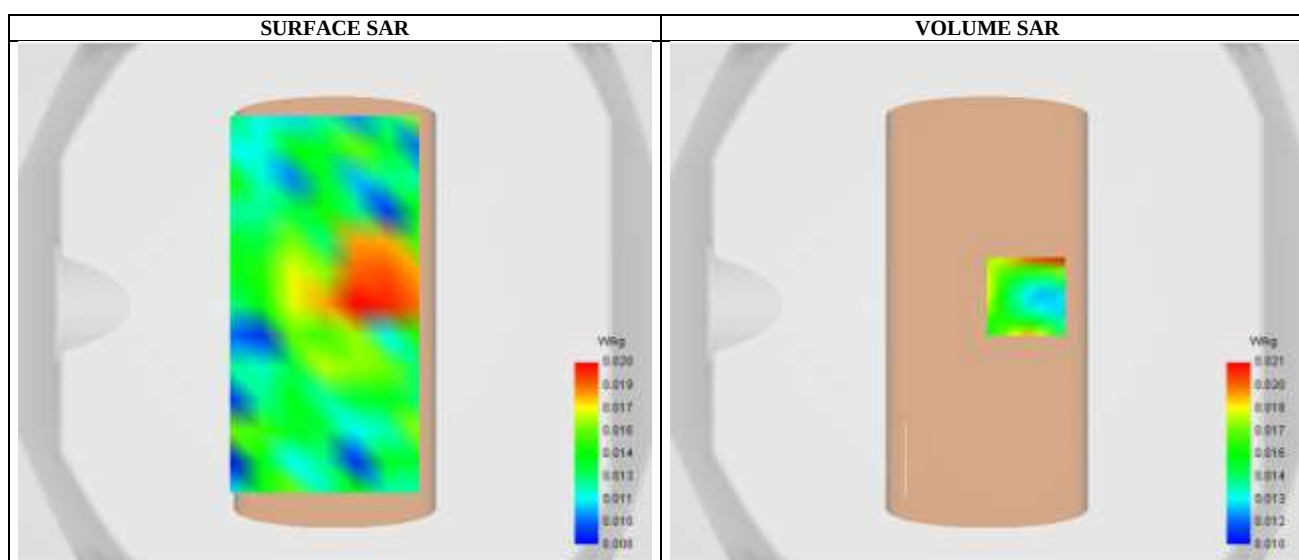
Date of measurement: 23/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.46
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	Bluetooth
Channels	Middle
Signal	Bluetooth (Crest factor: 1.0)

B. Permittivity

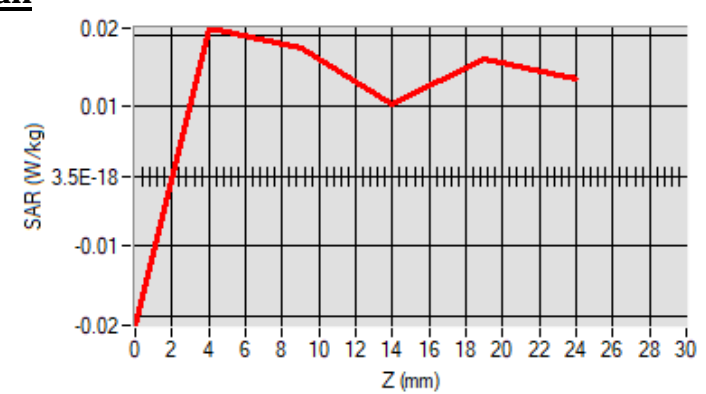
Frequency (MHz)	2441.000000
Relative permittivity (real part)	39.257999
Conductivity (S/m)	1.811558

C. SAR Surface and Volume

Maximum location: X=15.00, Y=3.00 ; SAR Peak: 0.03 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.015535
SAR 1g (W/Kg)	0.018369
Variation (%)	-0.870001

E. Z Axis Scan

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

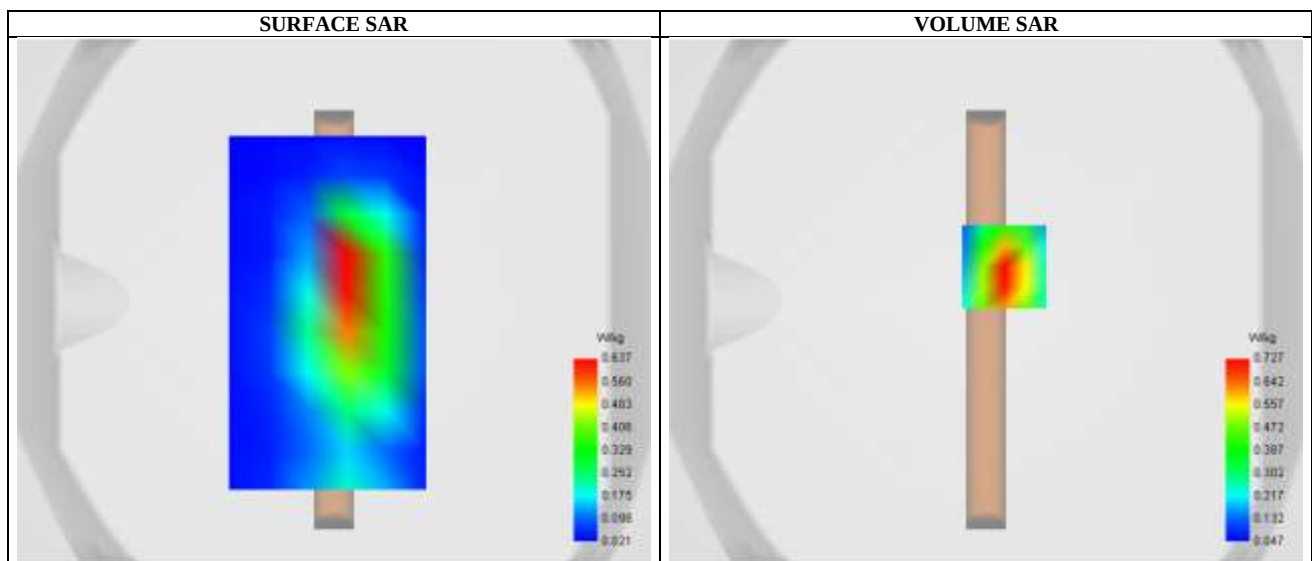
Date of measurement: 21/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.00
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 2
Channels	Low
Signal	LTE (Crest factor: 1.0)

B. Permittivity

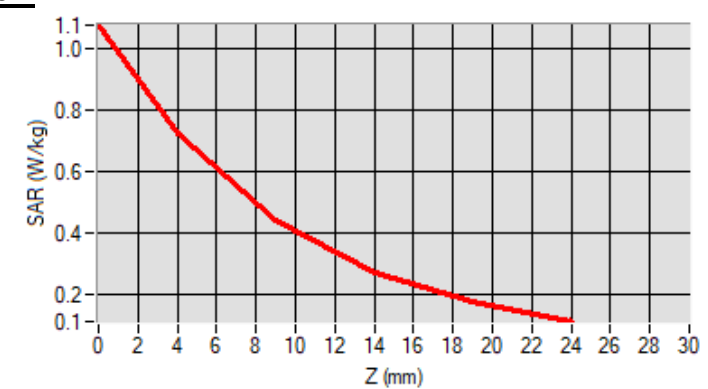
Frequency (MHz)	1860.000000
Relative permittivity (real part)	39.776212
Conductivity (S/m)	1.385291

C. SAR Surface and Volume

Maximum location: X=7.00, Y=13.00 ; SAR Peak: 1.10 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.306203
SAR 1g (W/Kg)	0.579273
Variation (%)	1.430000

E. Z Axis Scan

SAR Measurement at CUSTOM (LTE Band 66) (Body, Validation Plane)

Date of measurement: 15/11/2022

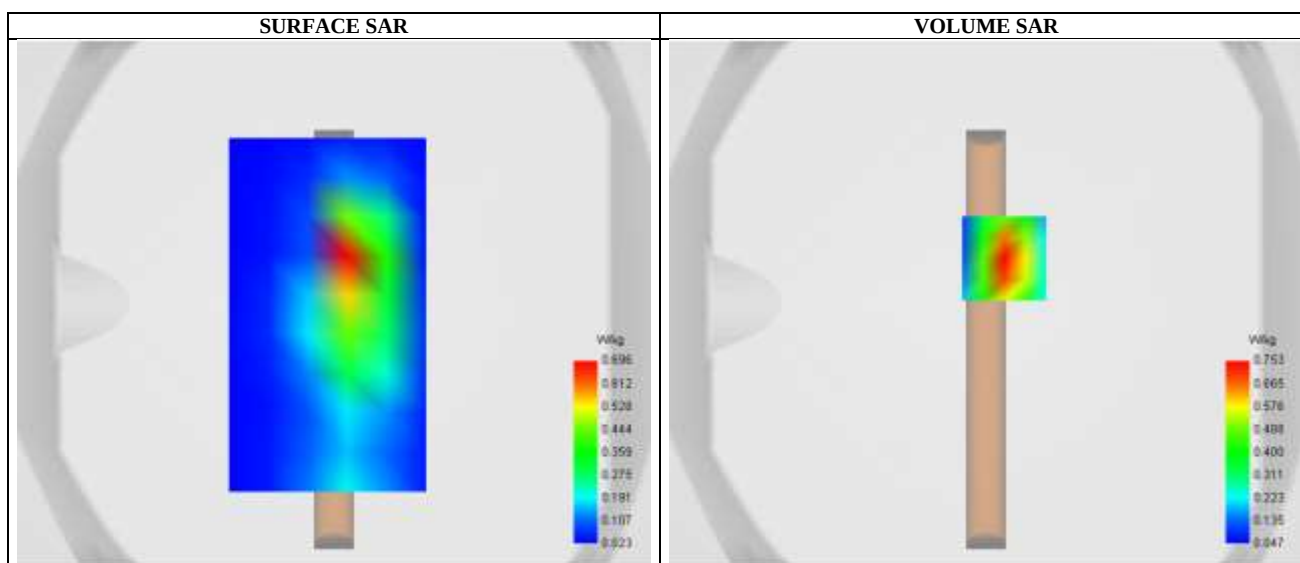
A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.05
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 66
Channels	High
Signal	LTE (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	1720.000000
Relative permittivity (real part)	40.034546
Conductivity (S/m)	1.347225

C. SAR Surface and Volume

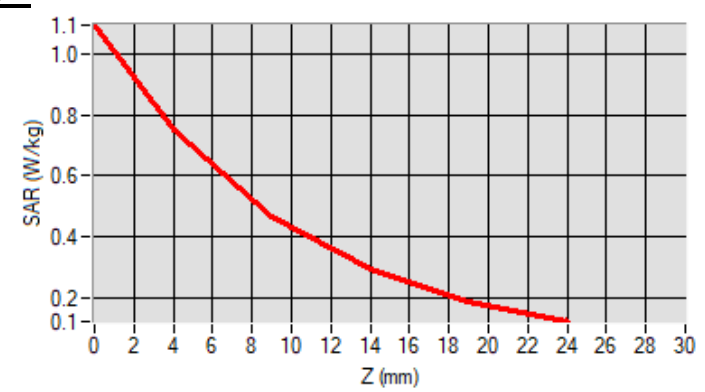


Maximum location: X=7.00, Y=17.00 ; SAR Peak: 1.11 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.322955
SAR 1g (W/Kg)	0.594842
Variation (%)	2.000000

E. Z Axis Scan



SAR Measurement at CUSTOM (NRn7) (Body, Validation Plane)

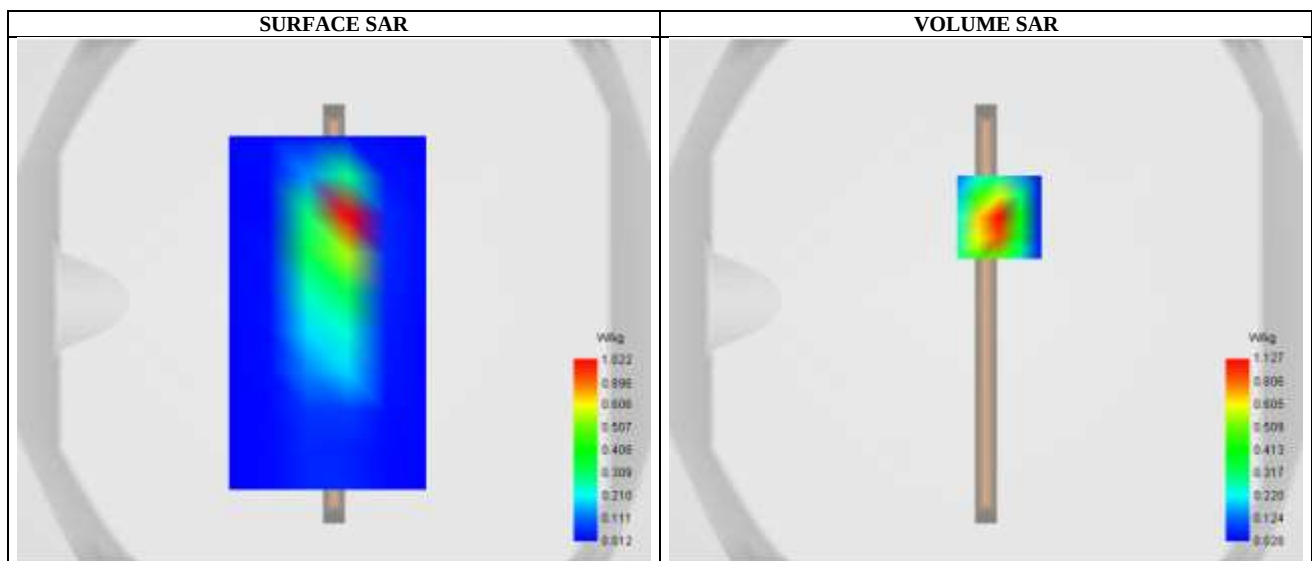
Date of measurement: 26/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.27
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	NR n7
Channels	High
Signal	NR (Crest factor: 1.0)

B. Permittivity

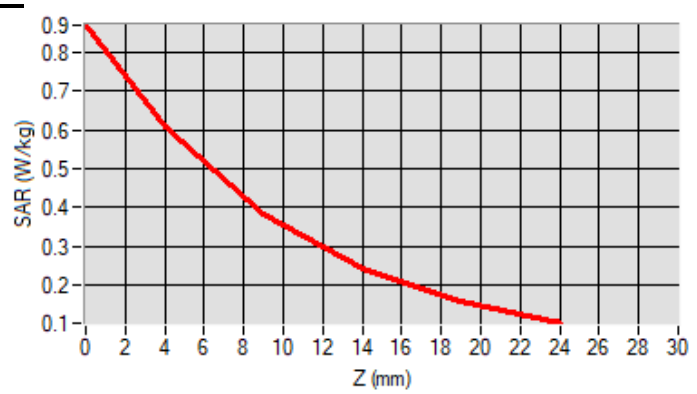
Frequency (MHz)	2560.000000
Relative permittivity (real part)	39.114135
Conductivity (S/m)	1.913469

C. SAR Surface and Volume

Maximum location: X=8.00, Y=23.00 ; SAR Peak: 0.89 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.334893
SAR 1g (W/Kg)	0.648157
Variation (%)	2.520000

E. Z Axis Scan

SAR Measurement at CUSTOM (NR_n66) (Body, Validation Plane)

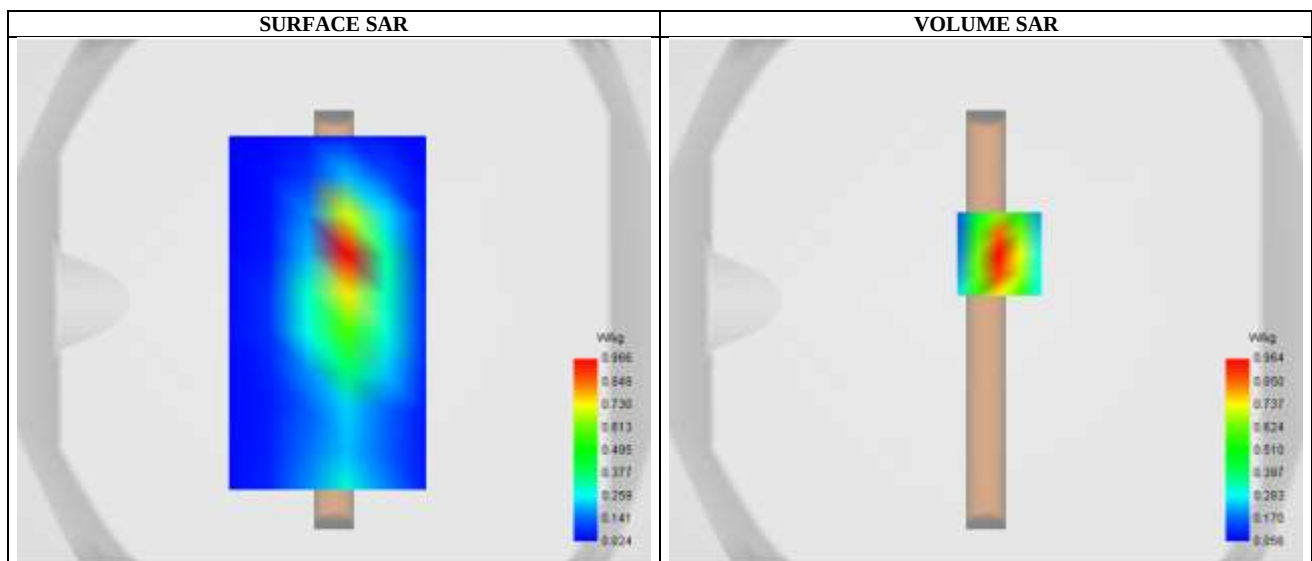
Date of measurement: 15/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.05
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	NR_n66
Channels	High
Signal	NR (Crest factor: 1.0)

B. Permittivity

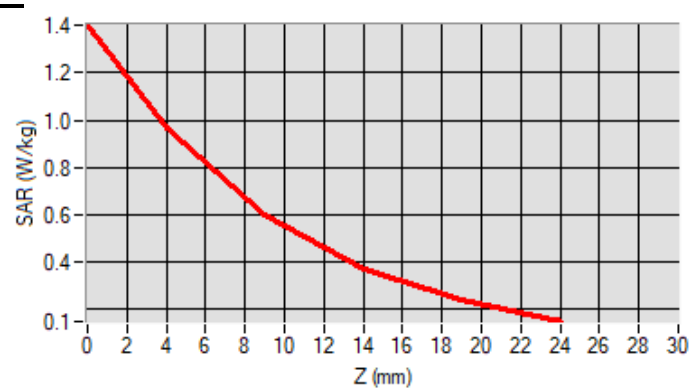
Frequency (MHz)	1760.000000
Relative permittivity (real part)	40.016398
Conductivity (S/m)	1.369861

C. SAR Surface and Volume

Maximum location: X=5.00, Y=18.00 ; SAR Peak: 1.17 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.409251
SAR 1g (W/Kg)	0.733731
Variation (%)	-0.120000

E. Z Axis Scan

SAR Measurement at CUSTOM (NRn71) (Body, Validation Plane)

Date of measurement: 18/11/2022

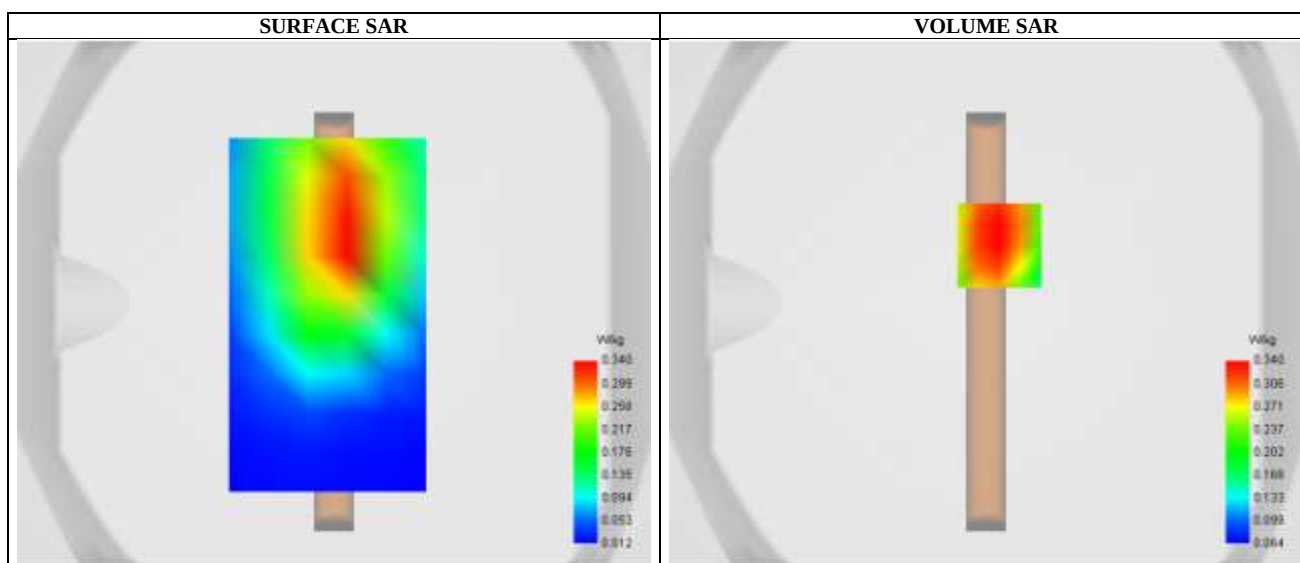
A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	1.70
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	NR n71
Channels	Middle
Signal	NR (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	680.500000
Relative permittivity (real part)	41.962822
Conductivity (S/m)	0.862500

C. SAR Surface and Volume

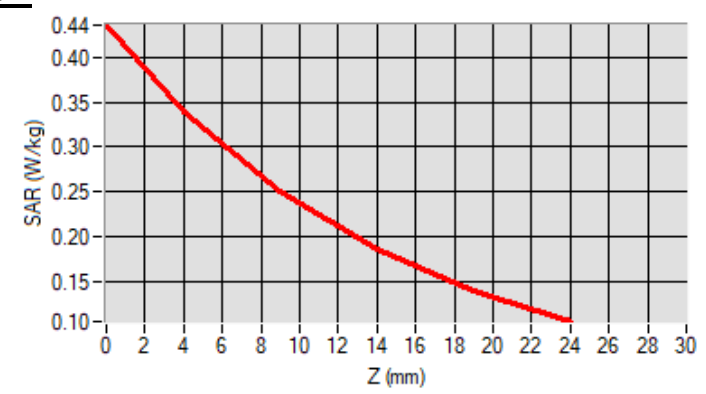


Maximum location: X=5.00, Y=22.00 ; SAR Peak: 0.44 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.237012
SAR 1g (W/Kg)	0.338220
Variation (%)	-3.220000

E. Z Axis Scan



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

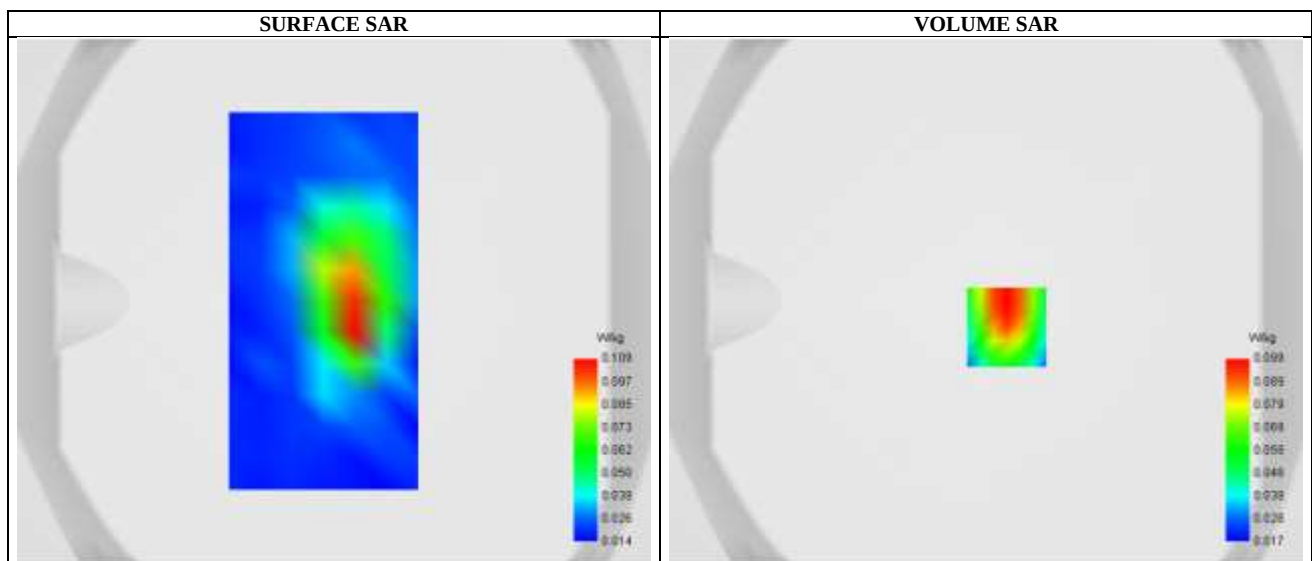
Date of measurement: 23/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.46
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	IEEE 802.11b ISM
Channels	Middle
Signal	IEEE802.b (Crest factor: 1.0)

B. Permittivity

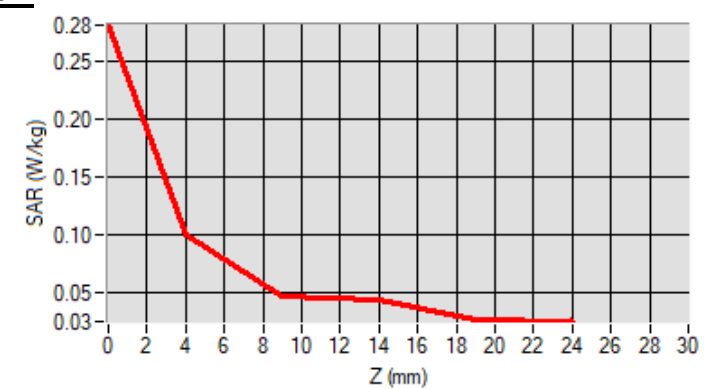
Frequency (MHz)	2437.000000
Relative permittivity (real part)	39.263002
Conductivity (S/m)	1.802081

C. SAR Surface and Volume

Maximum location: X=8.00, Y=-10.00 ; SAR Peak: 0.15 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.022083
SAR 1g (W/Kg)	0.050140
Variation (%)	0.870000

E. Z Axis Scan

SAR Measurement at Bluetooth (Body, Validation Plane)

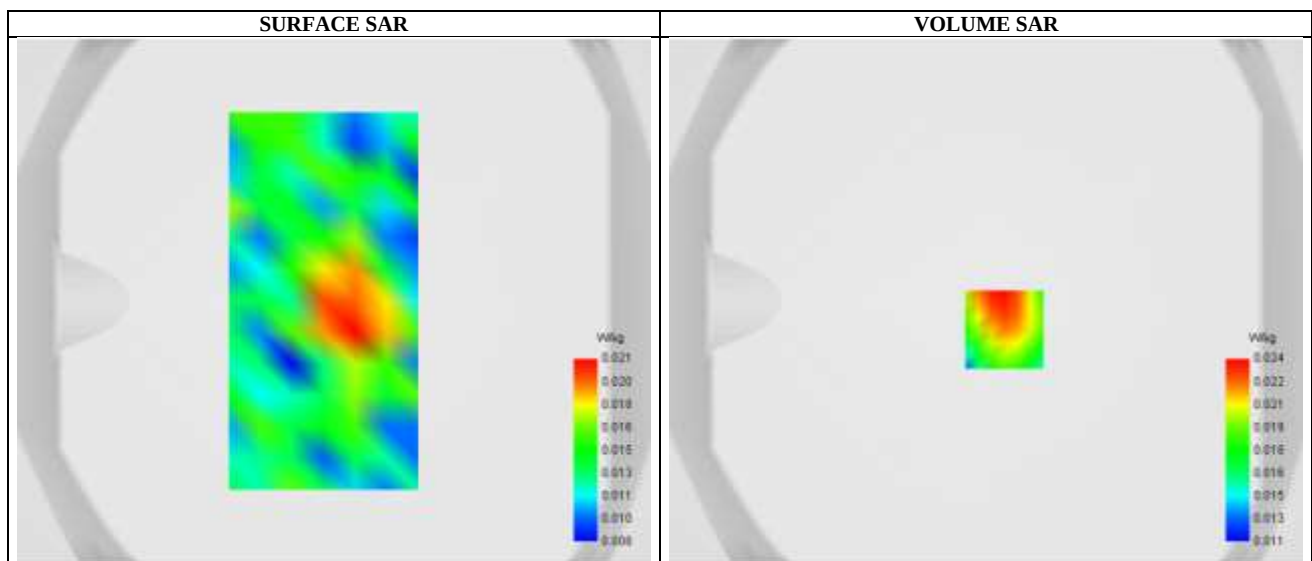
Date of measurement: 23/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.46
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	Bluetooth
Channels	Middle
Signal	Bluetooth (Crest factor: 1.0)

B. Permittivity

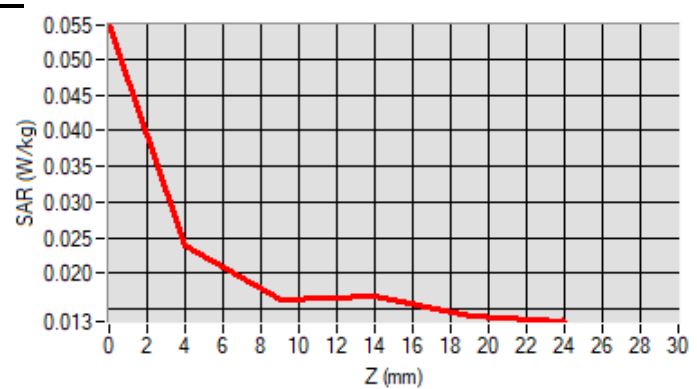
Frequency (MHz)	2441.000000
Relative permittivity (real part)	39.257999
Conductivity (S/m)	1.811558

C. SAR Surface and Volume

Maximum location: X=7.00, Y=-11.00 ; SAR Peak: 0.03 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.019481
SAR 1g (W/Kg)	0.023266
Variation (%)	-0.350000

E. Z Axis Scan

SAR Measurement at CUSTOM (GPRS850Txslots) (Body, Validation Plane)

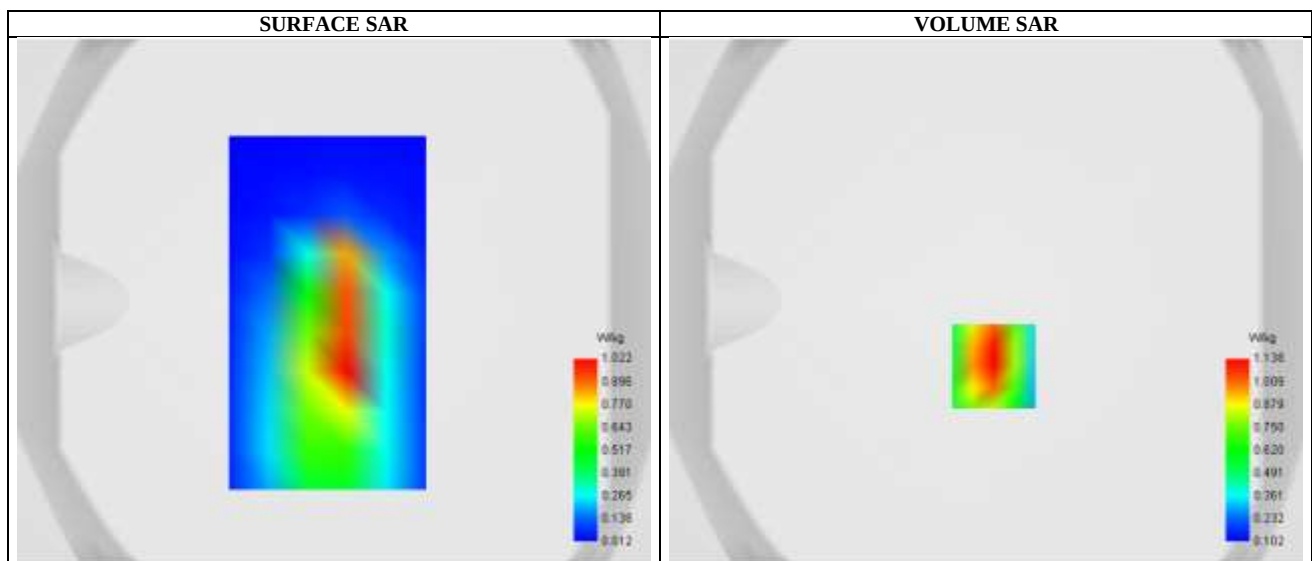
Date of measurement: 10/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	1.70
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	GSM850
Channels	High
Signal	TDMA (Crest factor: 2.0)

B. Permittivity

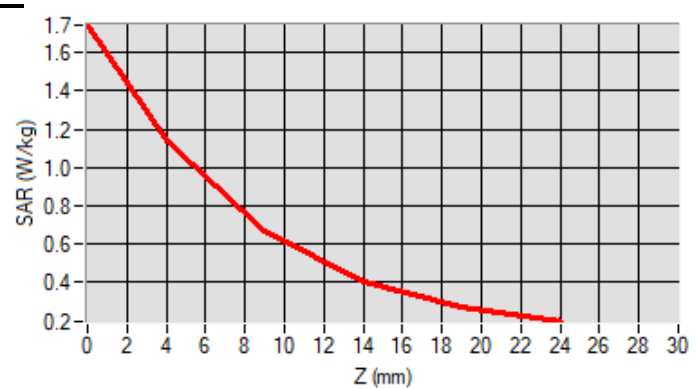
Frequency (MHz)	836.600000
Relative permittivity (real part)	41.586210
Conductivity (S/m)	0.901069

C. SAR Surface and Volume

Maximum location: X=3.00, Y=-25.00 ; SAR Peak: 1.79 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.633072
SAR 1g (W/Kg)	1.080158
Variation (%)	-0.260000

E. Z Axis Scan

SAR Measurement at CUSTOM (GPRS19004Txslots) (Body, Validation Plane)

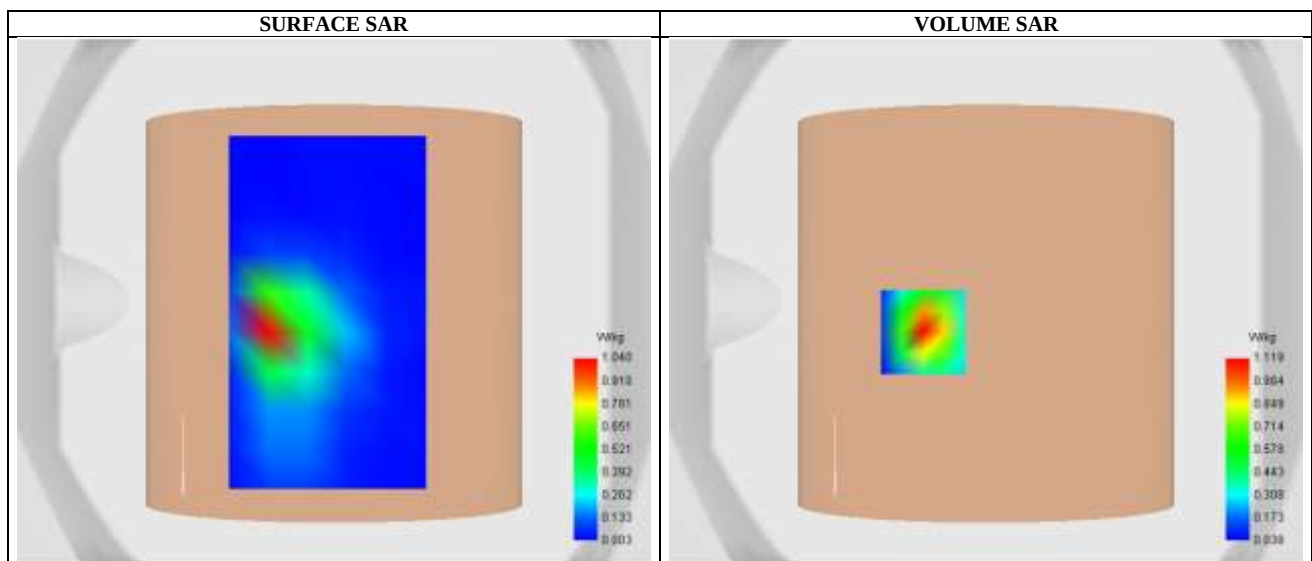
Date of measurement: 21/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.00
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	GSM1900
Channels	High
Signal	TDMA (Crest factor: 2.0)

B. Permittivity

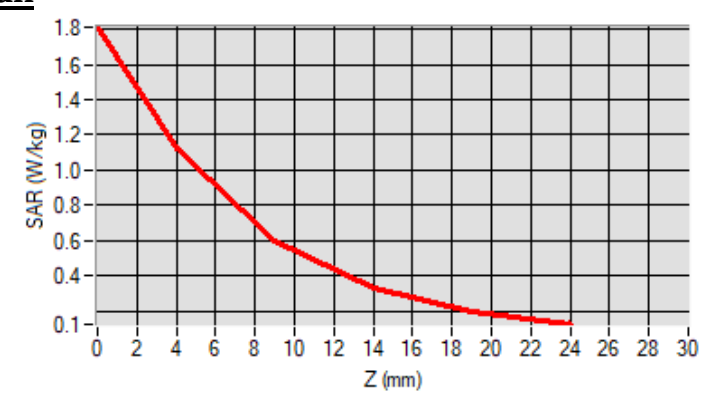
Frequency (MHz)	1909.800000
Relative permittivity (real part)	39.751224
Conductivity (S/m)	1.401243

C. SAR Surface and Volume

Maximum location: X=-24.00, Y=-12.00 ; SAR Peak: 1.84 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.494125
SAR 1g (W/Kg)	1.023671
Variation (%)	4.840000

E. Z Axis Scan

SAR Measurement at Band2_WCDMA1900 (Body, Validation Plane)

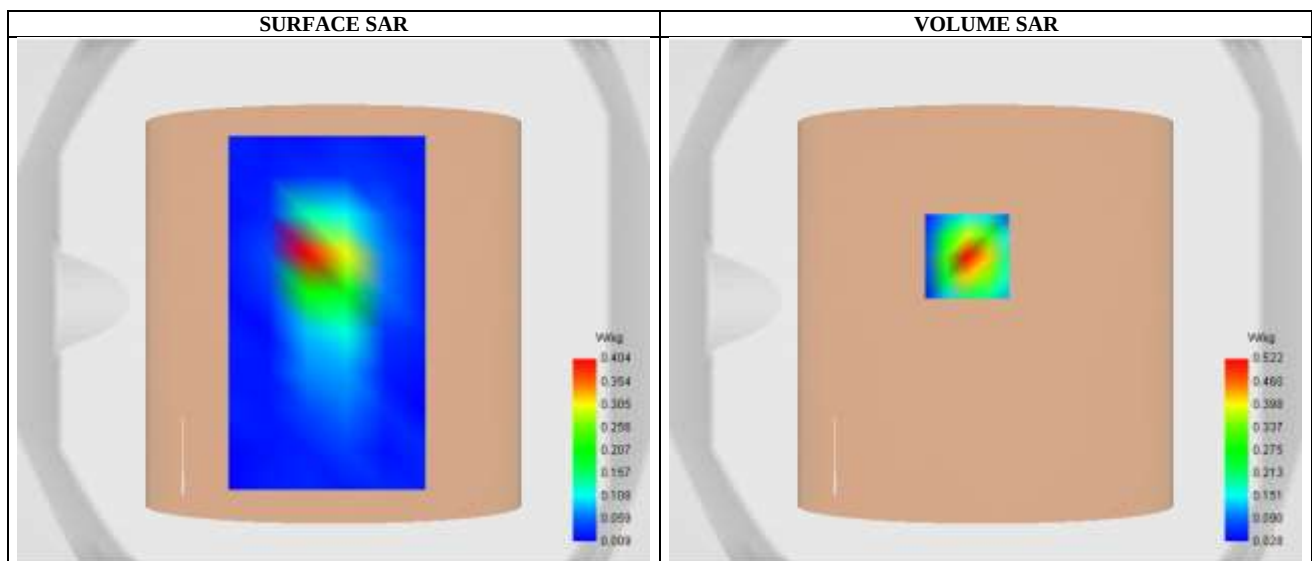
Date of measurement: 21/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.00
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	Band2_WCDMA1900
Channels	High
Signal	WCDMA (Crest factor: 1.0)

B. Permittivity

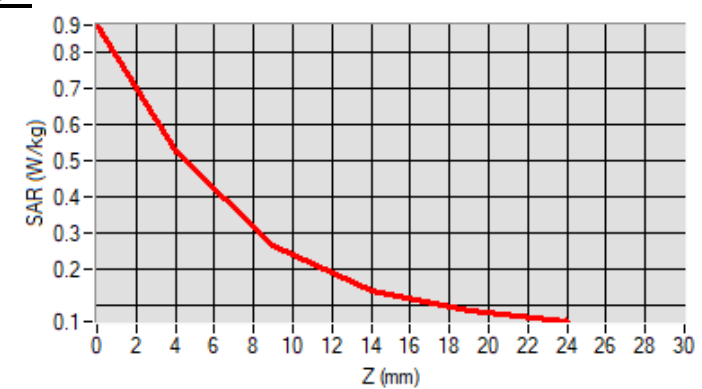
Frequency (MHz)	1907.600000
Relative permittivity (real part)	39.771224
Conductivity (S/m)	1.394391

C. SAR Surface and Volume

Maximum location: X=-7.00, Y=17.00 ; SAR Peak: 0.88 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.227708
SAR 1g (W/Kg)	0.476696
Variation (%)	-0.100000

E. Z Axis Scan

SAR Measurement at CUSTOM (WCDMA_1700) (Body, Validation Plane)

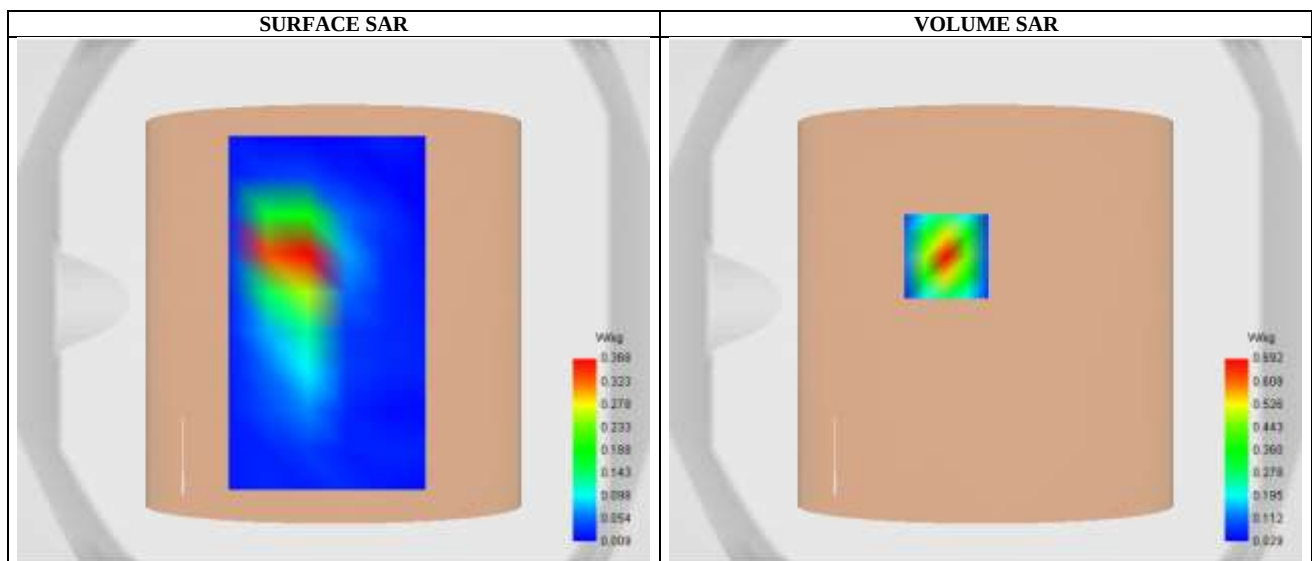
Date of measurement: 11/1/2023

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.05
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	Band2_WCDMA1700
Channels	High
Signal	WCDMA (Crest factor: 1.0)

B. Permittivity

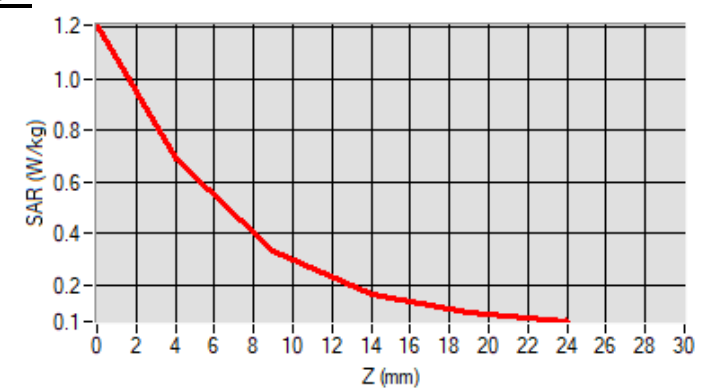
Frequency (MHz)	1752.600000
Relative permittivity (real part)	40.021251
Conductivity (S/m)	1.361656

C. SAR Surface and Volume

Maximum location: X=-15.00, Y=17.00 ; SAR Peak: 0.93 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.220328
SAR 1g (W/Kg)	0.468909
Variation (%)	-4.110000

E. Z Axis Scan

SAR Measurement at Band5_WCDMA850 (Body, Validation Plane)

Date of measurement: 10/11/2022

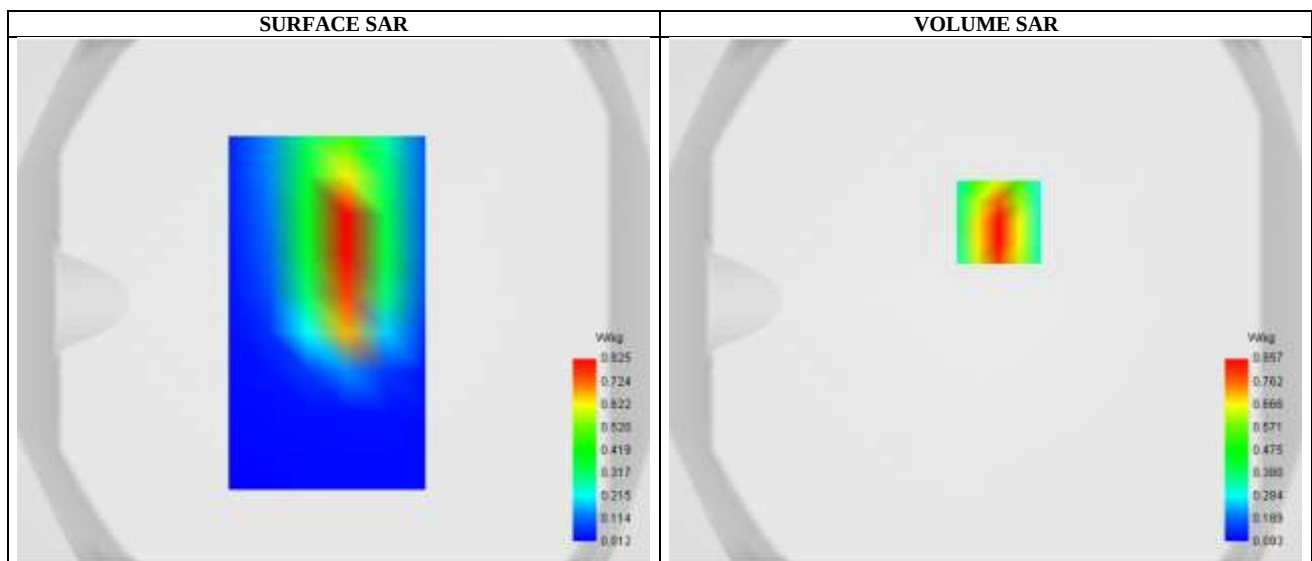
A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	1.73
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	Band5_WCDMA850
Channels	High
Signal	WCDMA (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	846.600000
Relative permittivity (real part)	41.586210
Conductivity (S/m)	0.901069

C. SAR Surface and Volume

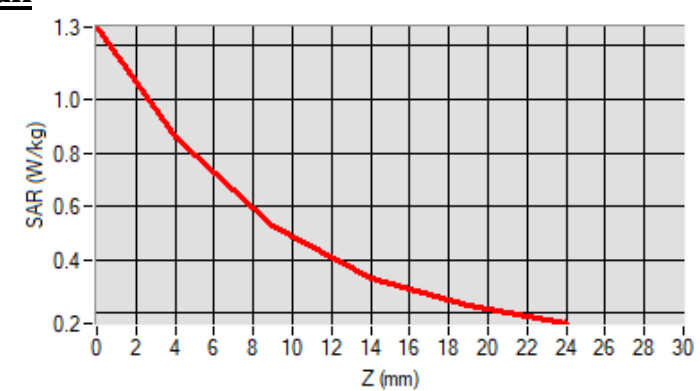


Maximum location: X=5.00, Y=30.00 ; SAR Peak: 1.29 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.479292
SAR 1g (W/Kg)	0.808654
Variation (%)	-4.320000

E. Z Axis Scan



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

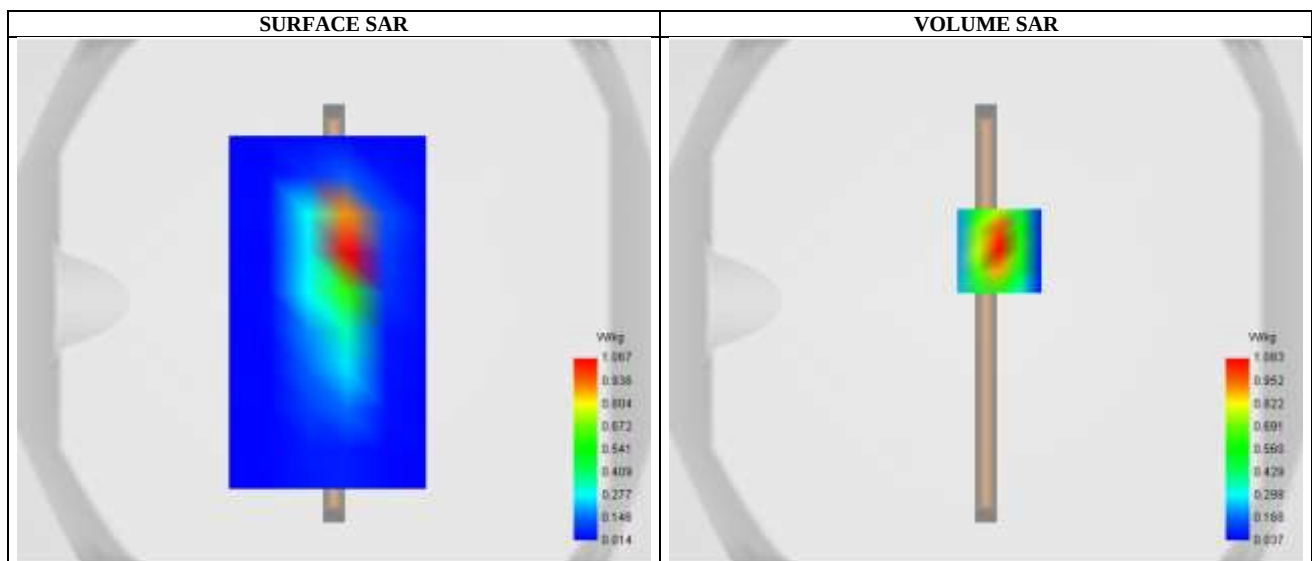
Date of measurement: 21/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.00
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 2
Channels	Low
Signal	LTE (Crest factor: 1.0)

B. Permittivity

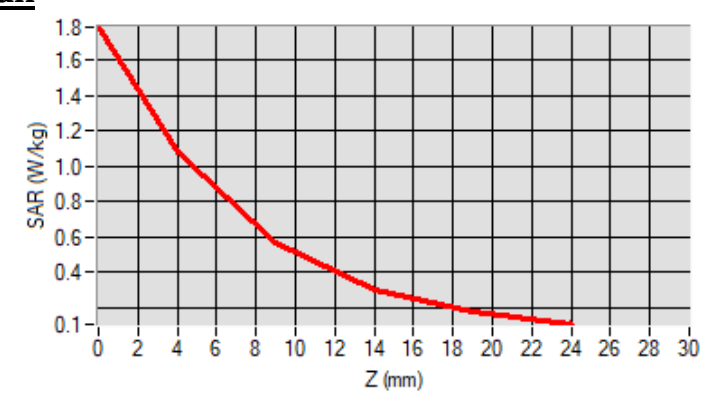
Frequency (MHz)	1860.000000
Relative permittivity (real part)	39.776212
Conductivity (S/m)	1.385291

C. SAR Surface and Volume

Maximum location: X=5.00, Y=19.00 ; SAR Peak: 1.80 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.474916
SAR 1g (W/Kg)	0.862686
Variation (%)	-0.100000

E. Z Axis Scan

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

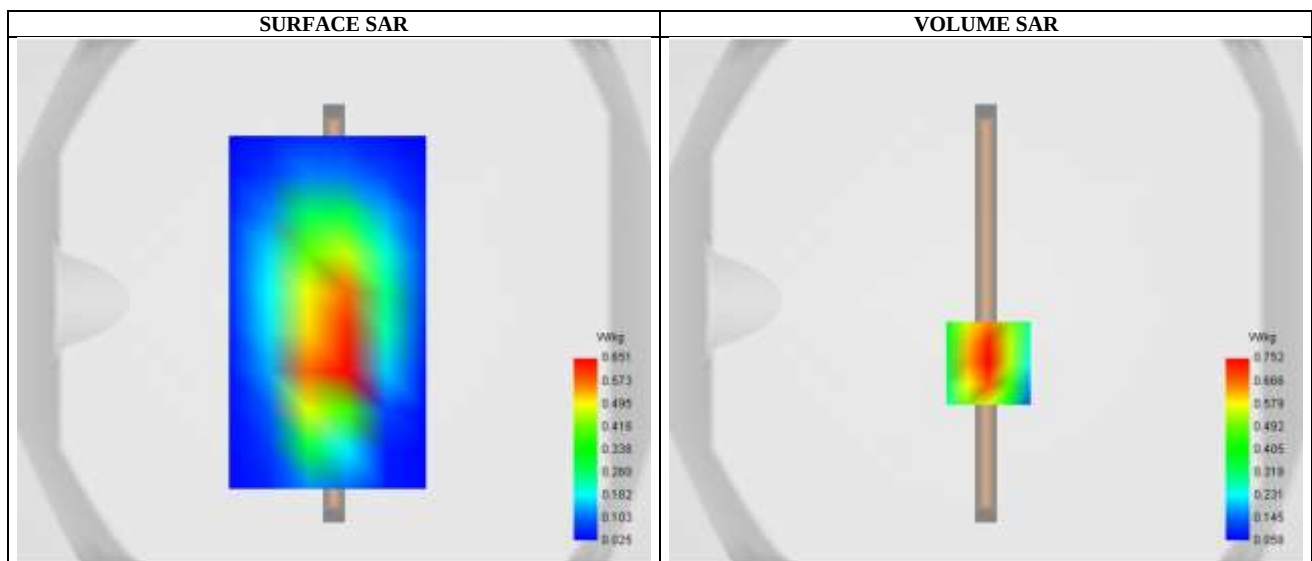
Date of measurement: 10/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	1.73
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 5
Channels	Low
Signal	LTE (Crest factor: 1.0)

B. Permittivity

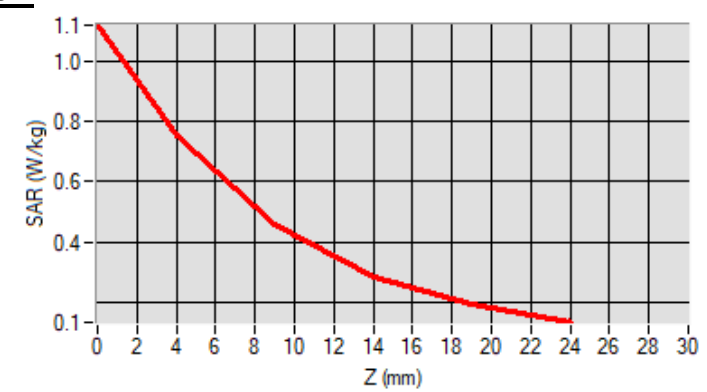
Frequency (MHz)	829.000000
Relative permittivity (real part)	41.602150
Conductivity (S/m)	0.881521

C. SAR Surface and Volume

Maximum location: X=1.00, Y=-24.00 ; SAR Peak: 1.13 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.420360
SAR 1g (W/Kg)	0.791585
Variation (%)	-4.970000

E. Z Axis Scan

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

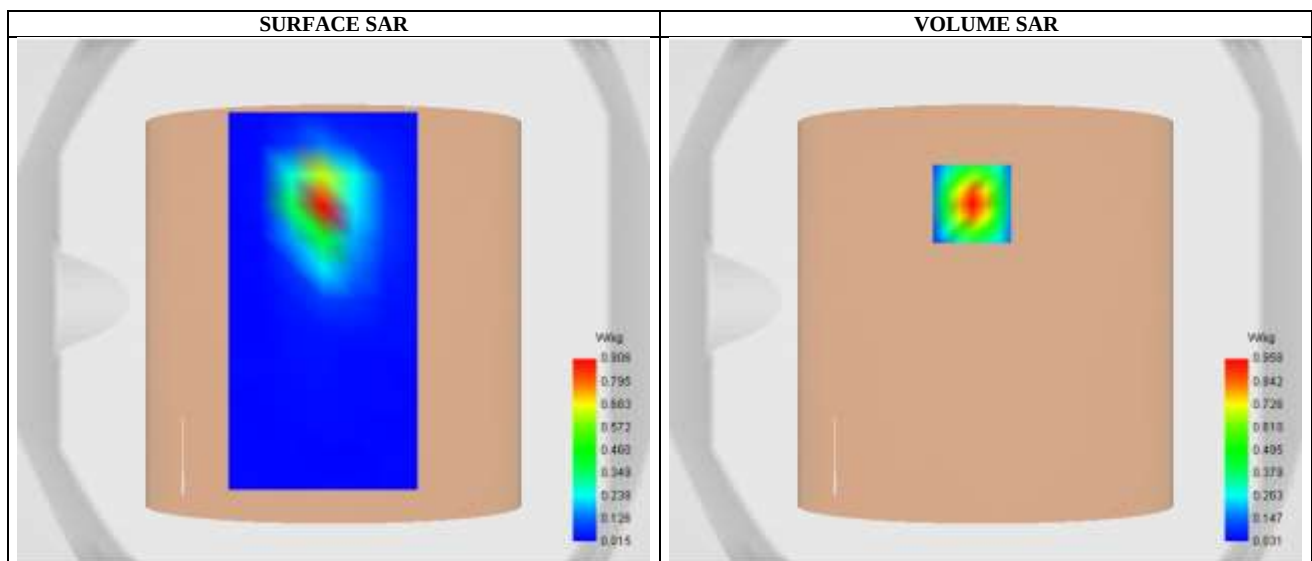
Date of measurement: 26/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.27
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 7
Channels	Middle
Signal	LTE (Crest factor: 1.0)

B. Permittivity

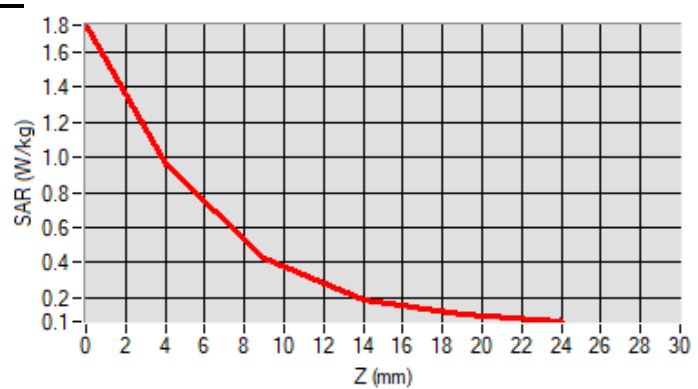
Frequency (MHz)	2535.000000
Relative permittivity (real part)	39.086666
Conductivity (S/m)	1.889749

C. SAR Surface and Volume

Maximum location: X=-5.00, Y=37.00 ; SAR Peak: 1.75 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.372621
SAR 1g (W/Kg)	0.848882
Variation (%)	0.970000

E. Z Axis Scan

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

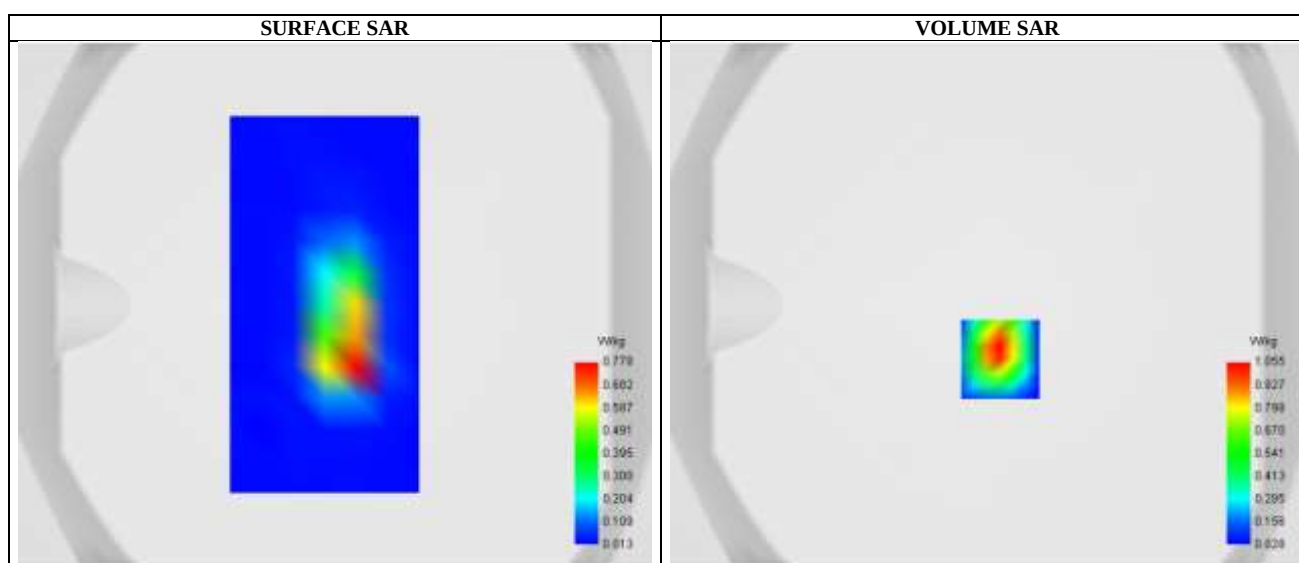
Date of measurement: 26/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.27
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE band 41
Channels	High
Signal	LTE (Crest factor: 1.0)

B. Permittivity

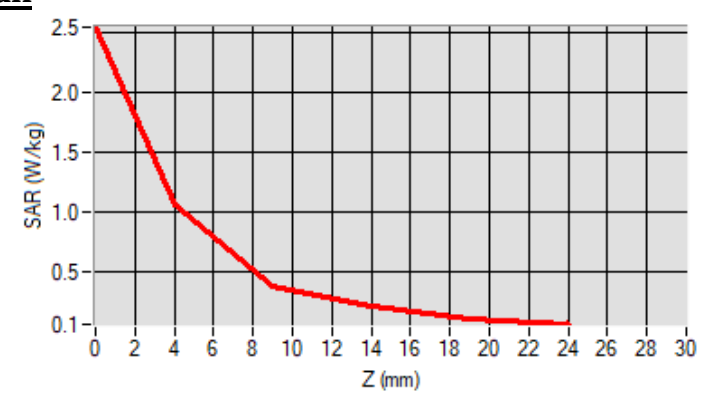
Frequency (MHz)	2680.000000
Relative permittivity (real part)	39.096622
Conductivity (S/m)	1.942660

C. SAR Surface and Volume

Maximum location: X=5.00, Y=-21.00 ; SAR Peak: 1.90 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.402123
SAR 1g (W/Kg)	1.056380
Variation (%)	0.380000

E. Z Axis Scan

SAR Measurement at CUSTOM (LTE Band66) (Body, Validation Plane)

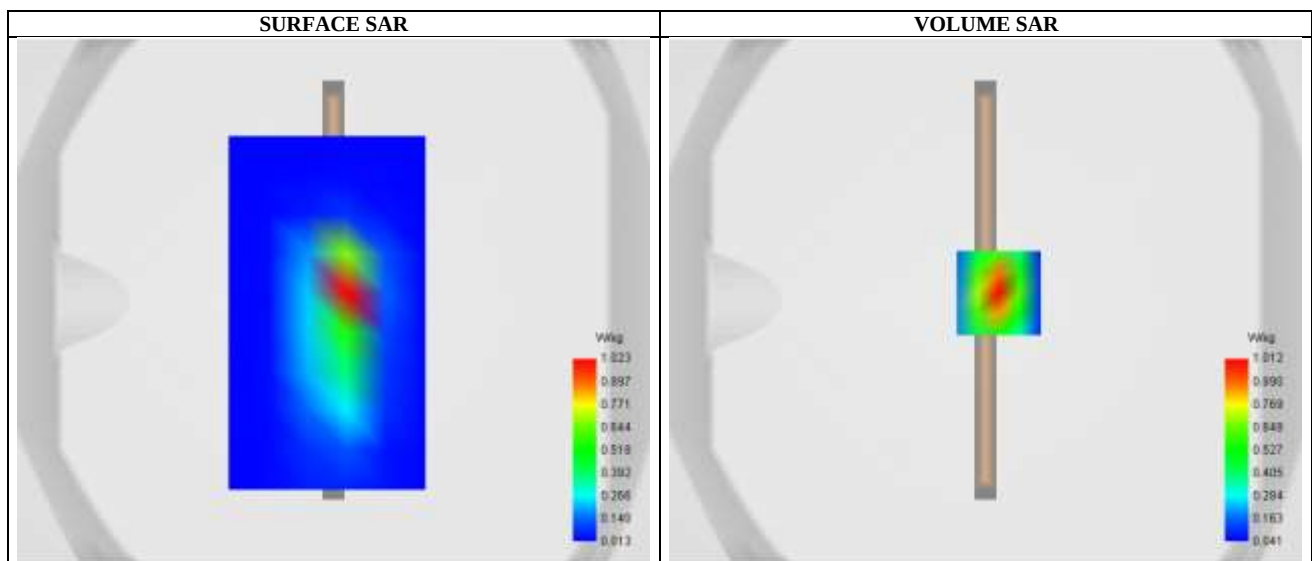
Date of measurement:26/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.05
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	LTE Band 66
Channels	Low
Signal	LTE (Crest factor: 1.0)

B. Permittivity

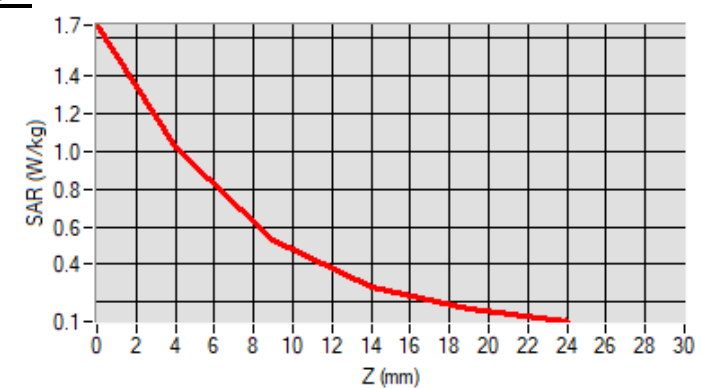
Frequency (MHz)	1720.000000
Relative permittivity (real part)	40.127274
Conductivity (S/m)	1.353935

C. SAR Surface and Volume

Maximum location: X=5.00, Y=3.00 ; SAR Peak: 1.66 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.439148
SAR 1g (W/Kg)	0.911608
Variation (%)	-4.220000

E. Z Axis Scan

SAR Measurement at CUSTOM (NRn5) (Body, Validation Plane)

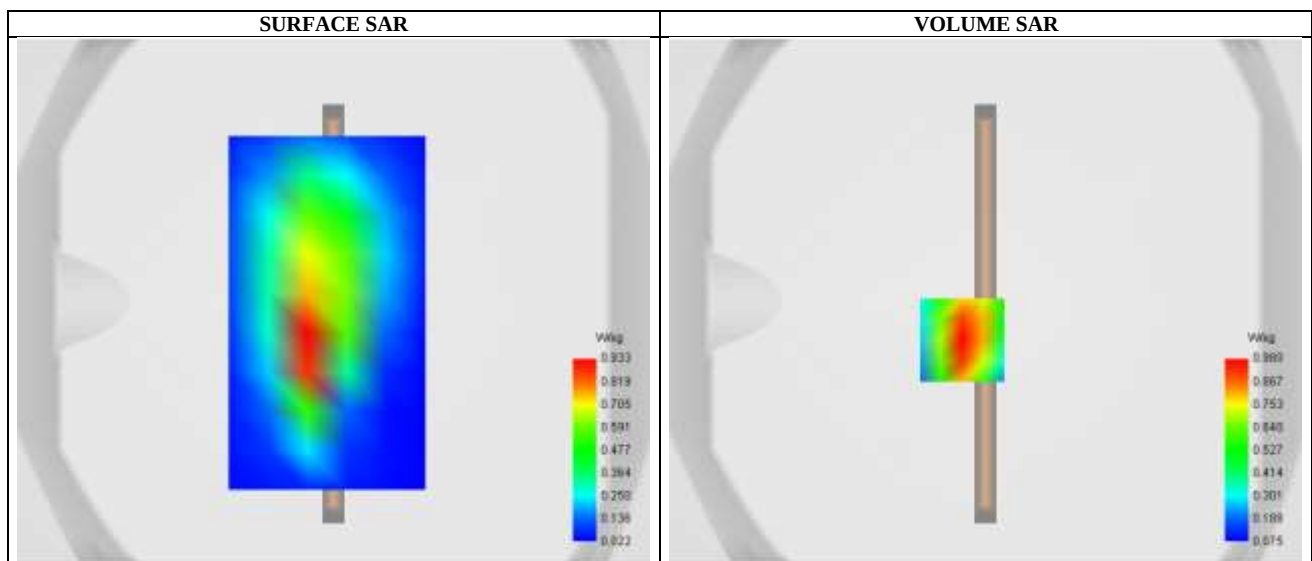
Date of measurement: 10/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	1.70
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	NR n5
Channels	Low
Signal	NR (Crest factor: 1.0)

B. Permittivity

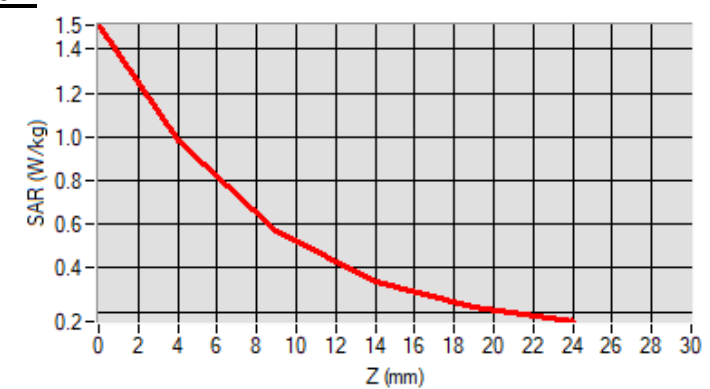
Frequency (MHz)	834.000000
Relative permittivity (real part)	41.595160
Conductivity (S/m)	0.891561

C. SAR Surface and Volume

Maximum location: X=-9.00, Y=-15.00 ; SAR Peak: 1.53 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.529565
SAR 1g (W/Kg)	0.931547
Variation (%)	0.890000

E. Z Axis Scan

SAR Measurement at CUSTOM (NRn7) (Body, Validation Plane)

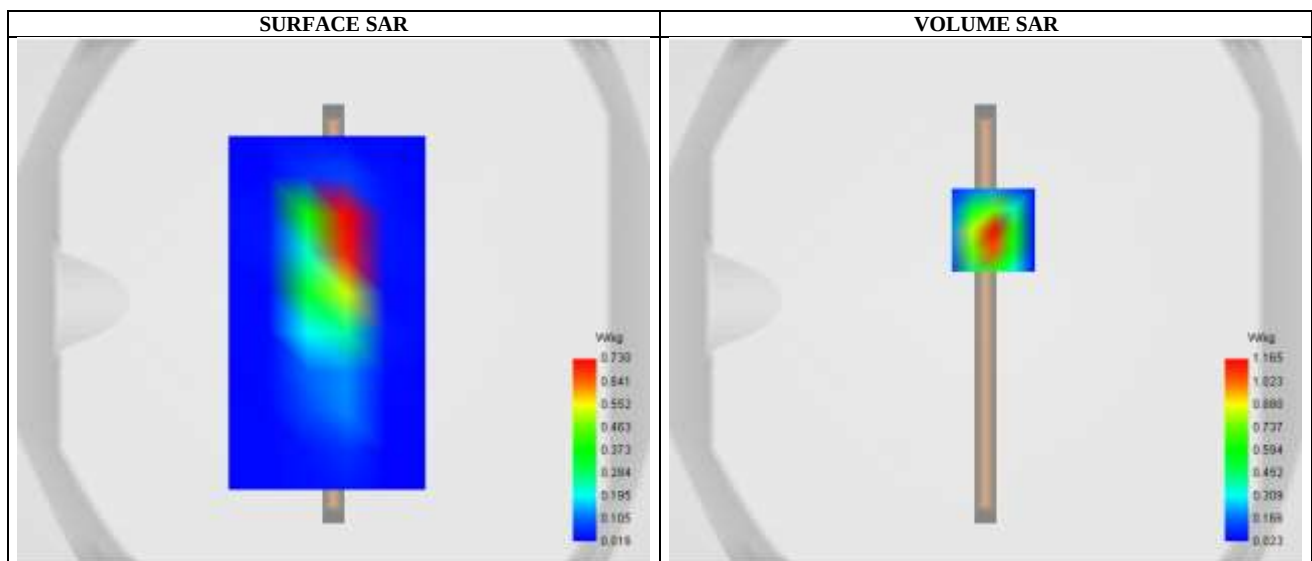
Date of measurement: 26/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.27
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	NR n7
Channels	Middle
Signal	NR (Crest factor: 1.0)

B. Permittivity

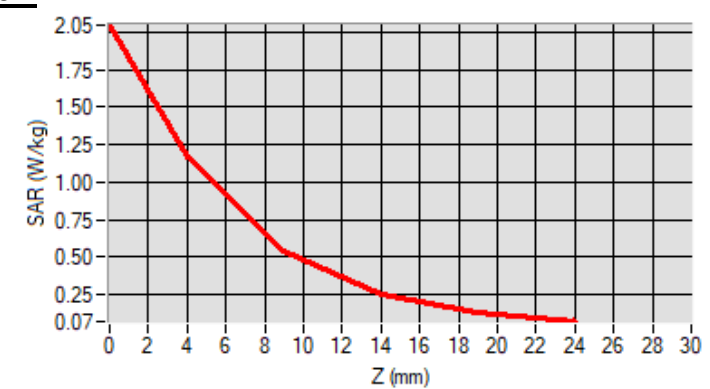
Frequency (MHz)	2560.000000
Relative permittivity (real part)	39.114135
Conductivity (S/m)	1.913469

C. SAR Surface and Volume

Maximum location: X=3.00, Y=27.00 ; SAR Peak: 2.12 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.451283
SAR 1g (W/Kg)	0.968375
Variation (%)	1.560000

E. Z Axis Scan

SAR Measurement at CUSTOM (NRn41) (Body, Validation Plane)

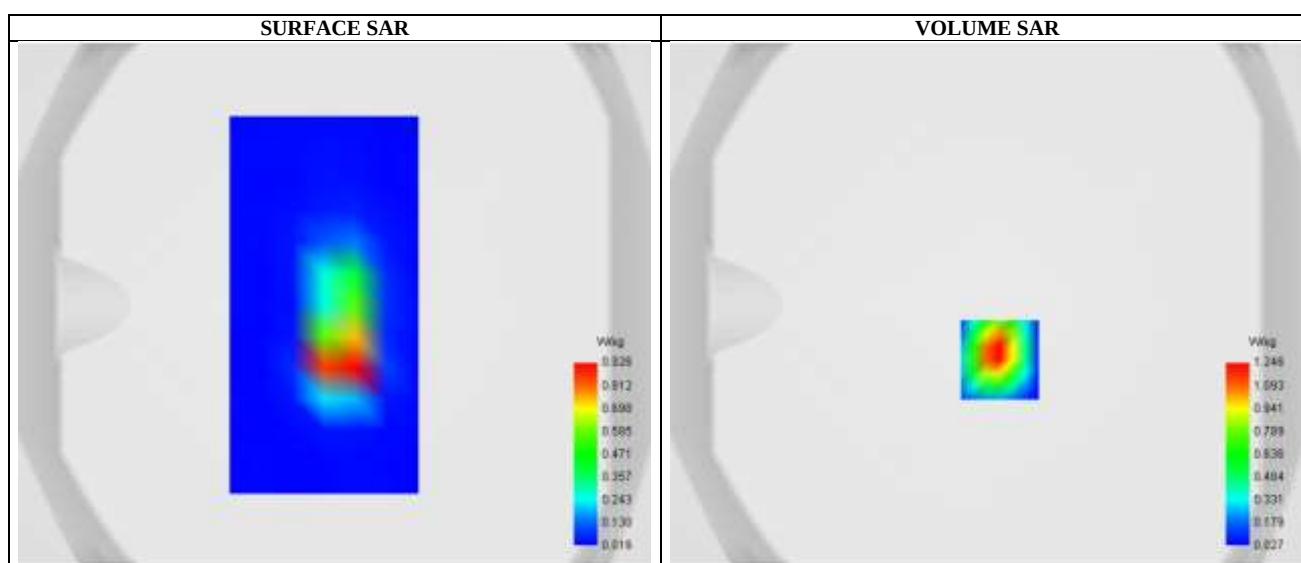
Date of measurement: 26/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.27
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	NR n41
Channels	Middle
Signal	NR (Crest factor: 1.0)

B. Permittivity

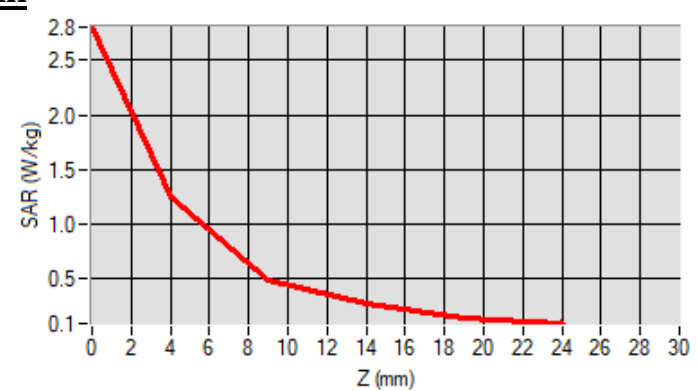
Frequency (MHz)	2592.989990
Relative permittivity (real part)	39.112985
Conductivity (S/m)	1.933787

C. SAR Surface and Volume

Maximum location: X=5.00, Y=-21.00 ; SAR Peak: 2.24 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.485565
SAR 1g (W/Kg)	0.838026
Variation (%)	0.110000

E. Z Axis Scan

SAR Measurement at CUSTOM (NR_n66) (Body, Validation Plane)

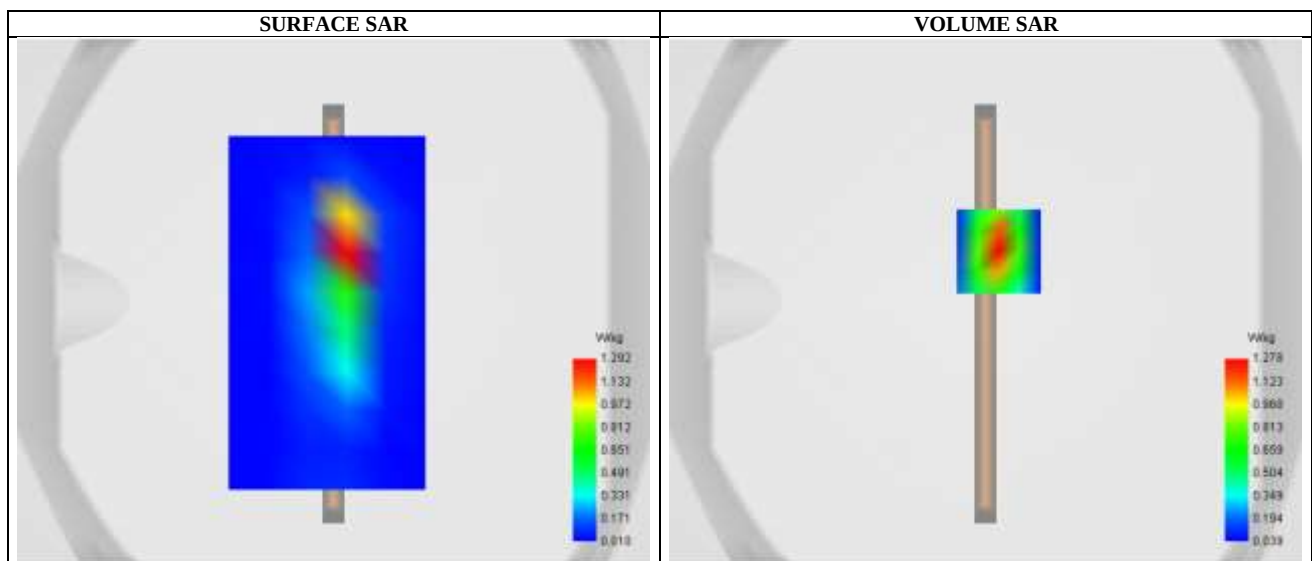
Date of measurement: 15/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.05
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	NR_n66
Channels	High
Signal	NR (Crest factor: 1.0)

B. Permittivity

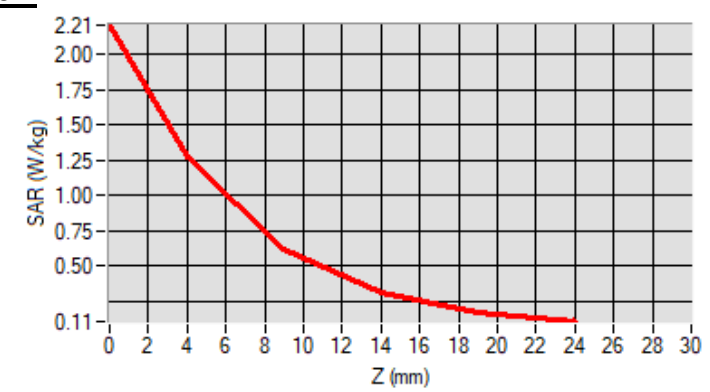
Frequency (MHz)	1760.000000
Relative permittivity (real part)	40.016398
Conductivity (S/m)	1.369861

C. SAR Surface and Volume

Maximum location: X=5.00, Y=19.00 ; SAR Peak: 1.70 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.606605
SAR 1g (W/Kg)	1.033215
Variation (%)	3.130000

E. Z Axis Scan

SAR Measurement at CUSTOM (NRn71) (Body, Validation Plane)

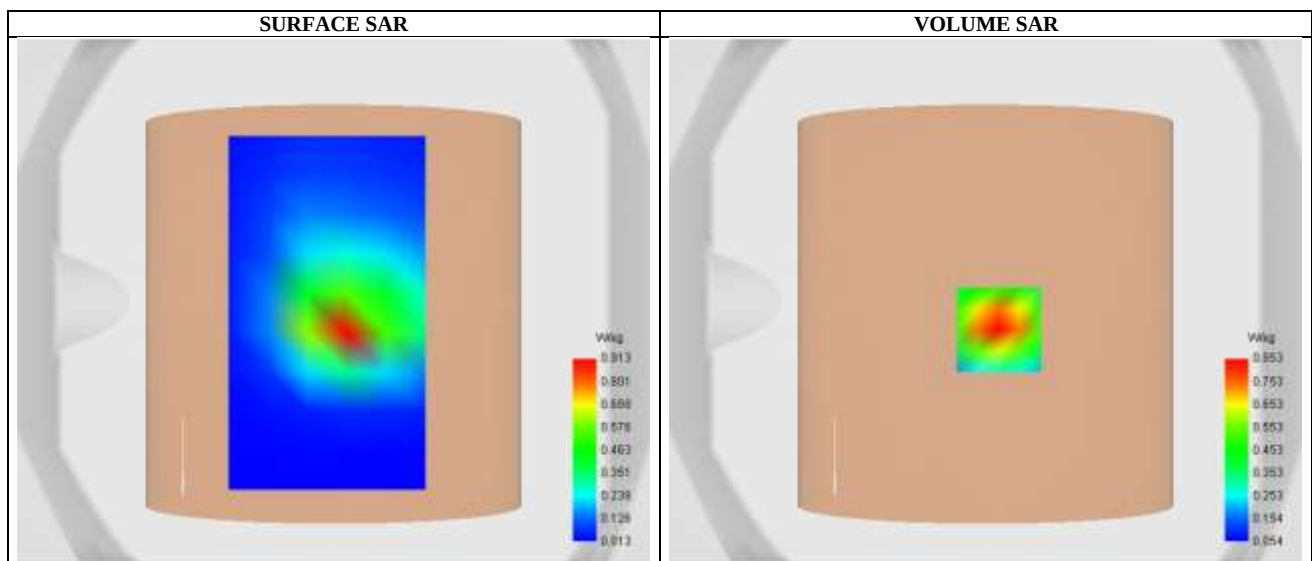
Date of measurement: 18/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	1.70
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	NR n71
Channels	Middle
Signal	NR (Crest factor: 1.0)

B. Permittivity

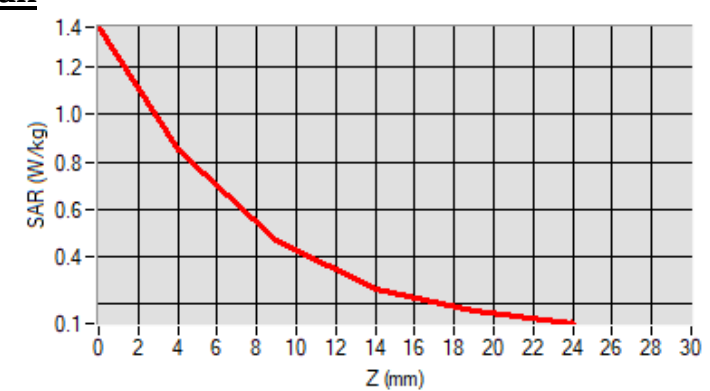
Frequency (MHz)	680.500000
Relative permittivity (real part)	41.962822
Conductivity (S/m)	0.862500

C. SAR Surface and Volume

Maximum location: X=5.00, Y=-11.00 ; SAR Peak: 1.38 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.450140
SAR 1g (W/Kg)	0.824928
Variation (%)	0.180000

E. Z Axis Scan

SAR Measurement at NR n77 (Body, Validation Plane)

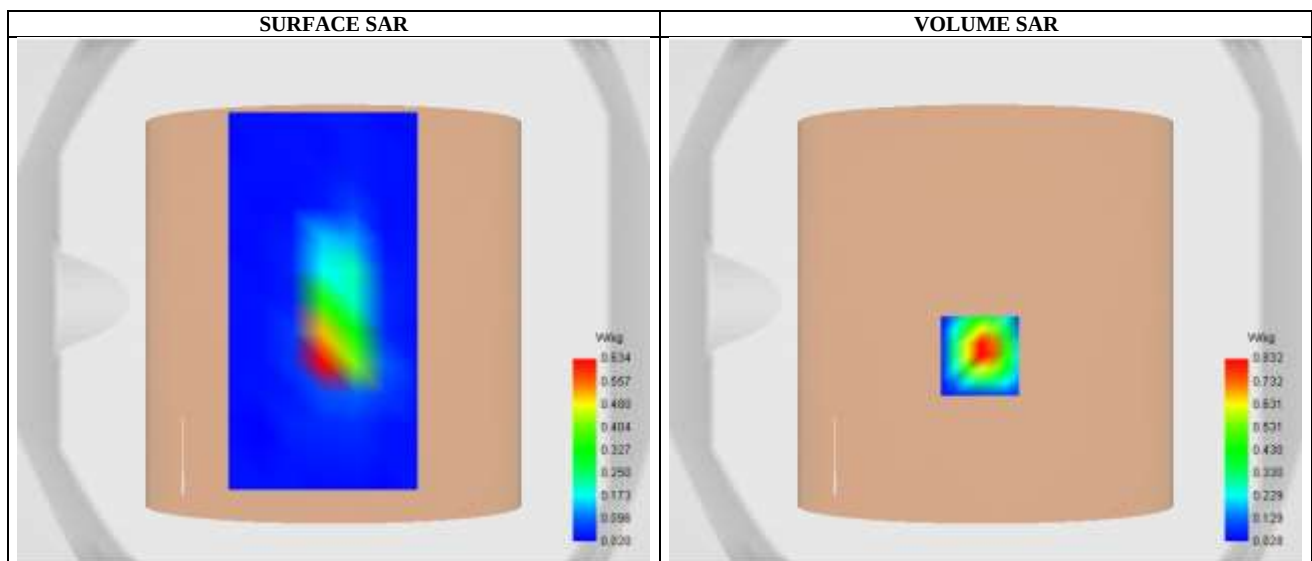
Date of measurement: 12/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.10
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x8,dx=5mm dy=5mm dz=4mm,Complete
Phantom	Validation plane
Device Position	Body
Band	NR n77
Channels	Middle
Signal	NR (Crest factor: 1.0)

B. Permittivity

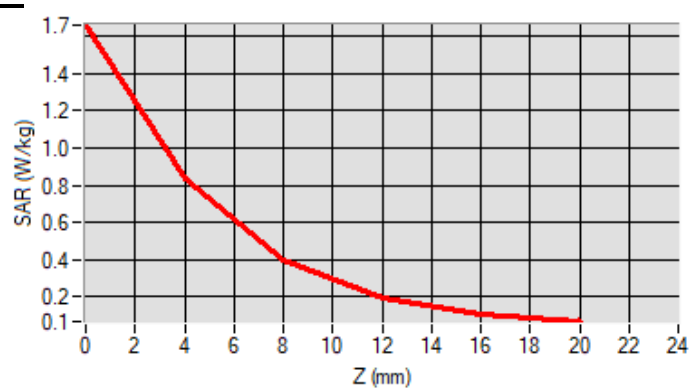
Frequency (MHz)	3500.010000
Relative permittivity (real part)	37.963117
Conductivity (S/m)	2.965592

C. SAR Surface and Volume

Maximum location: X=-2.00, Y=-21.00 ; SAR Peak: 1.73 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.304331
SAR 1g (W/Kg)	0.764238
Variation (%)	0.130000

E. Z Axis Scan

SAR Measurement at NR n77 (Body, Validation Plane)

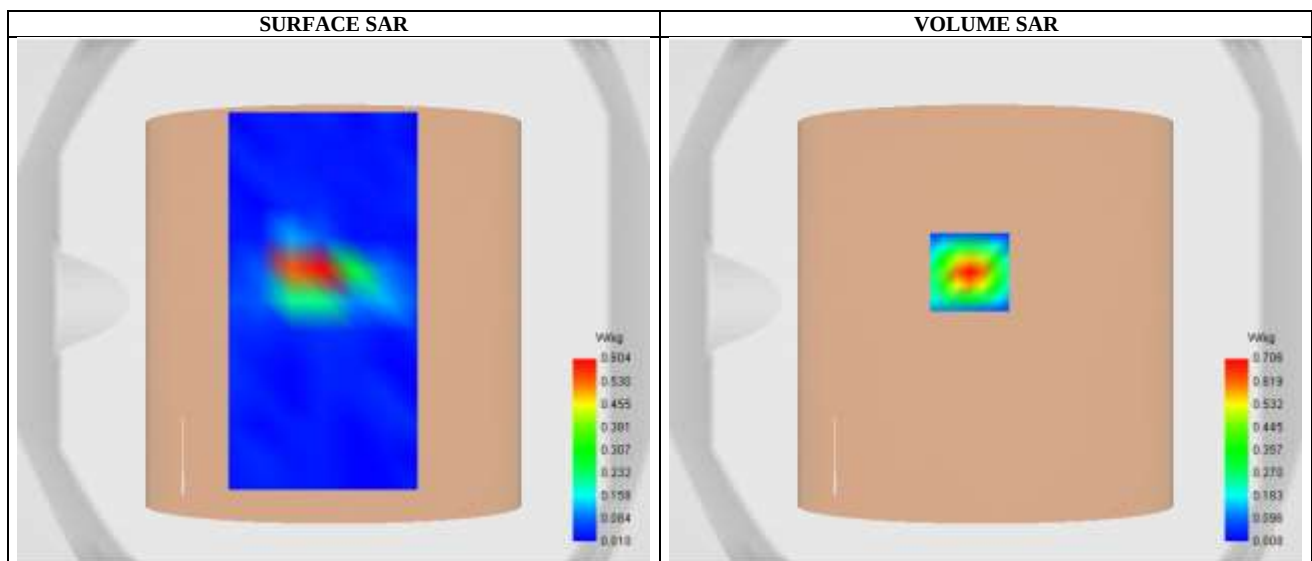
Date of measurement: 13/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.10
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x8,dx=5mm dy=5mm dz=4mm, Complete
Phantom	Validation plane
Device Position	Body
Band	NR n77
Channels	Middle
Signal	NR (Crest factor: 1.0)

B. Permittivity

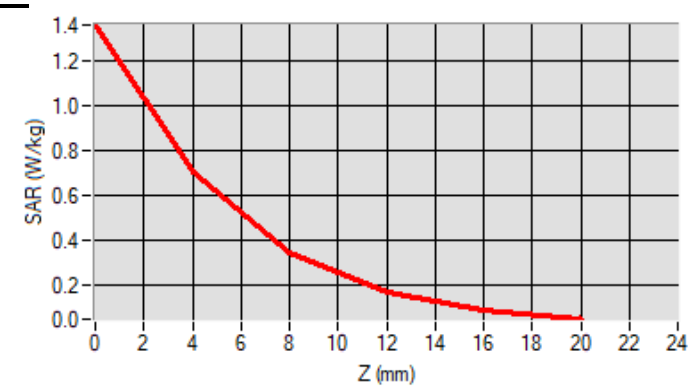
Frequency (MHz)	3840.000000
Relative permittivity (real part)	37.822408
Conductivity (S/m)	3.379102

C. SAR Surface and Volume

Maximum location: X=-6.00, Y=11.00 ; SAR Peak: 1.36 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.251986
SAR 1g (W/Kg)	0.540784
Variation (%)	0.170000

E. Z Axis Scan

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

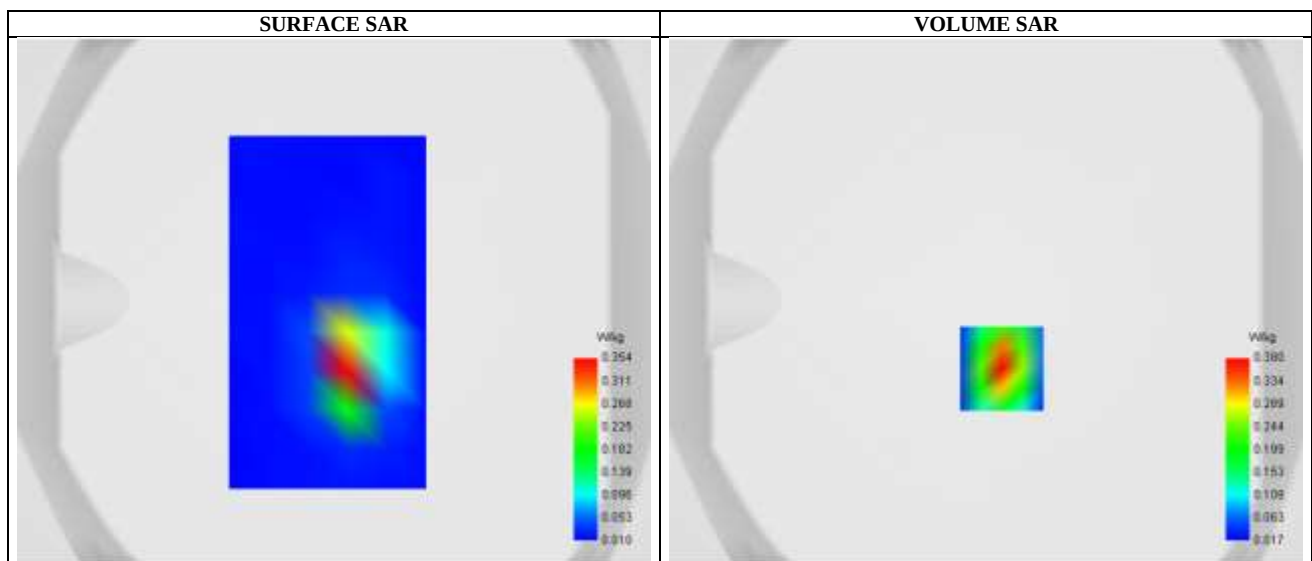
Date of measurement: 23/11/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.46
Area Scan	surf_sam_plan.txt
Zoom Scan	5x5x7,dx=5mm dy=5mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	IEEE 802.11b ISM
Channels	Middle
Signal	IEEE802.b (Crest factor: 1.0)

B. Permittivity

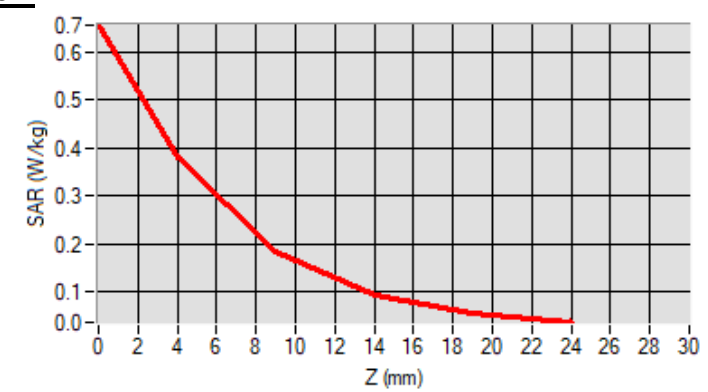
Frequency (MHz)	2437.000000
Relative permittivity (real part)	39.263002
Conductivity (S/m)	1.802081

C. SAR Surface and Volume

Maximum location: X=6.00, Y=-26.00 ; SAR Peak: 0.66 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.160484
SAR 1g (W/Kg)	0.344003
Variation (%)	-0.400000

E. Z Axis Scan

SAR Measurement at CUSTOM (5.2GHz_802.11a) (Body, Validation Plane)

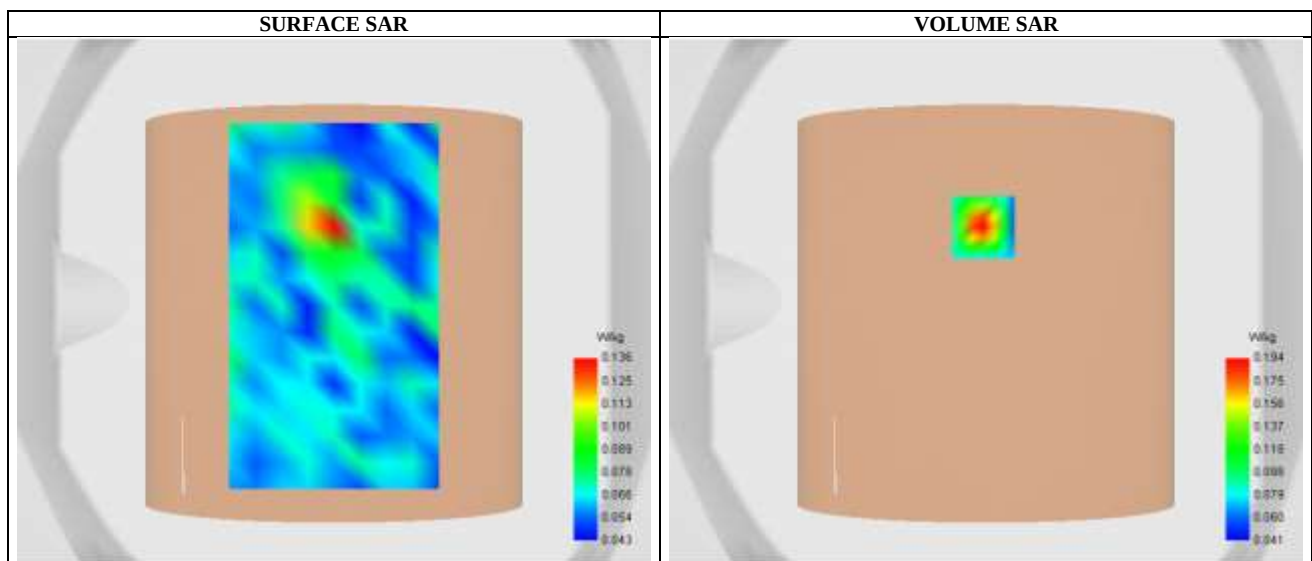
Date of measurement: 3/12/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	1.71
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm,Complete
Phantom	Validation plane
Device Position	Body
Band	IEEE 802.11a
Channels	Low
Signal	IEEE802.a (Crest factor: 1.0)

B. Permittivity

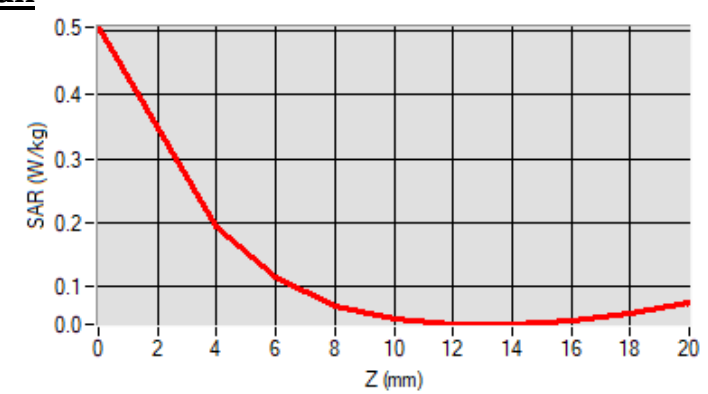
Frequency (MHz)	5180.000000
Relative permittivity (real part)	37.162151
Conductivity (S/m)	4.581612

C. SAR Surface and Volume

Maximum location: X=-1.00, Y=28.00 ; SAR Peak: 0.33 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.081609
SAR 1g (W/Kg)	0.125785
Variation (%)	0.550000

E. Z Axis Scan

SAR Measurement at CUSTOM (5.8GHz_802.11a) (Body, Validation Plane)

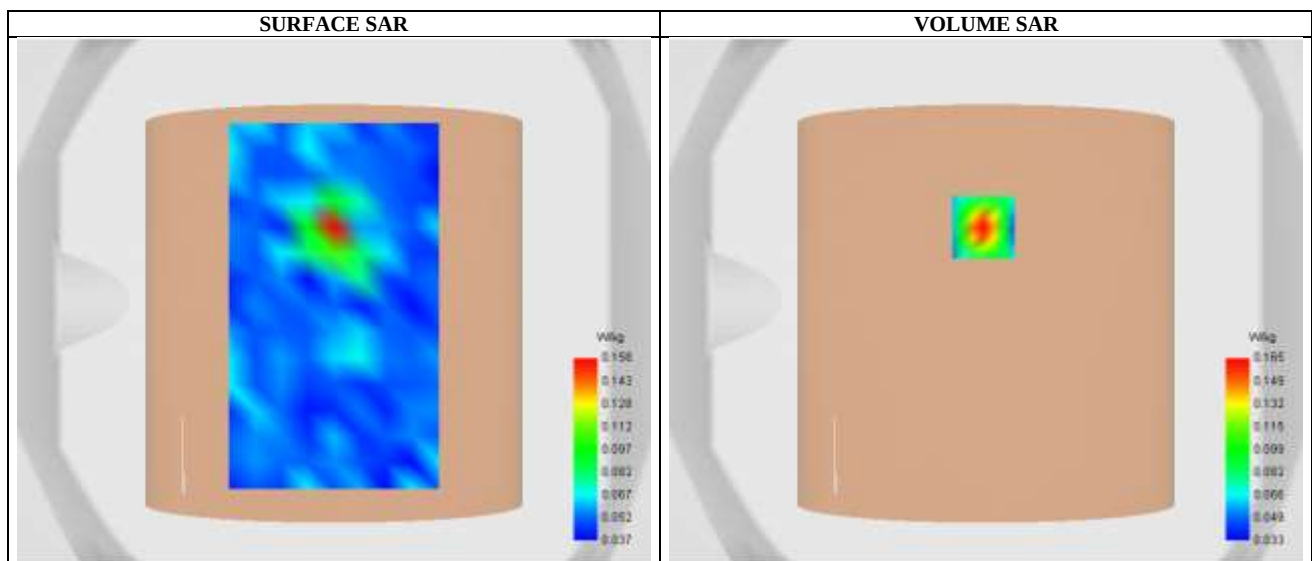
Date of measurement: 7/12/2022

A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	1.94
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x12,dx=4mm dy=4mm dz=2mm,Complete
Phantom	Validation plane
Device Position	Body
Band	IEEE 802.11a
Channels	Middle
Signal	IEEE802.a (Crest factor: 1.0)

B. Permittivity

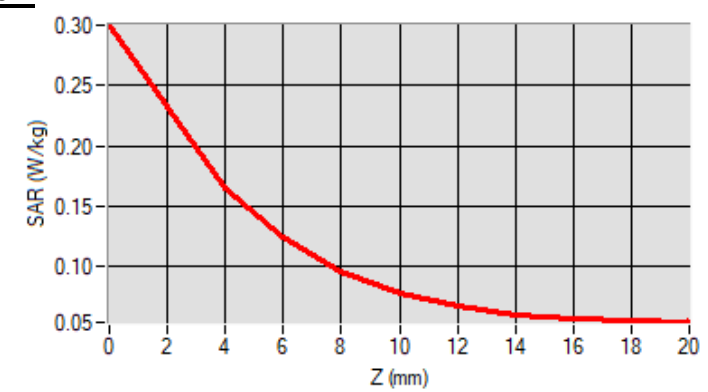
Frequency (MHz)	5785.000000
Relative permittivity (real part)	35.894999
Conductivity (S/m)	5.113476

C. SAR Surface and Volume

Maximum location: X=-1.00, Y=28.00 ; SAR Peak: 0.22 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.069926
SAR 1g (W/Kg)	0.112892
Variation (%)	-0.209999

E. Z Axis Scan

SAR Measurement at Bluetooth (Body, Validation Plane)

Date of measurement: 23/11/2022

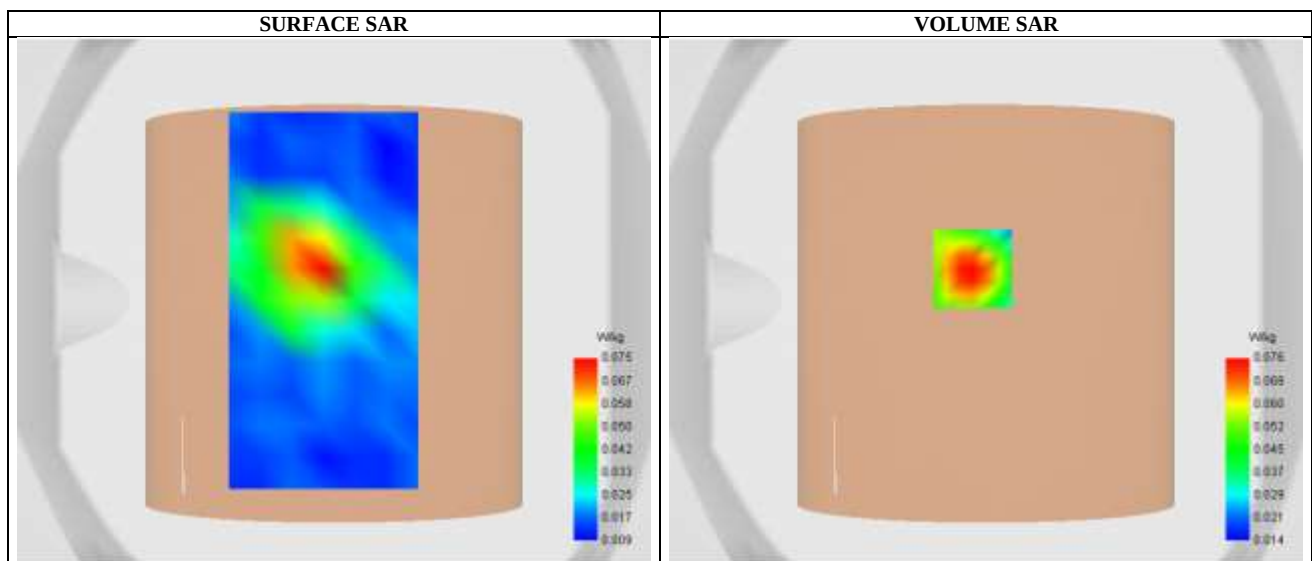
A. Experimental conditions.

Probe	SN 18/21 EPG0354
ConvF	2.46
Area Scan	surf_sam_plan.txt
Zoom Scan	7x7x7,dx=5mm dy=5mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body
Band	Bluetooth
Channels	Middle
Signal	Bluetooth (Crest factor: 1.0)

B. Permittivity

Frequency (MHz)	2441.000000
Relative permittivity (real part)	39.257999
Conductivity (S/m)	1.811558

C. SAR Surface and Volume

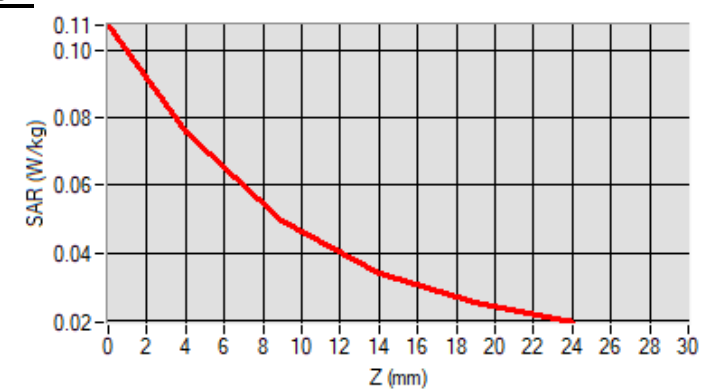


Maximum location: X=-5.00, Y=12.00 ; SAR Peak: 0.11 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.044363
SAR 1g (W/Kg)	0.070488
Variation (%)	-0.910000

E. Z Axis Scan



-----**END OF REPORT**-----