

Appendix B: SAR Measurement results Plots

Plot	Frequency/Mode	Testing Position and Channel	Test Date
1	GSM850	Right Cheek Middle	2019/05/15
2	GSM850/GPRS4Tx	Body Back, Middle ,10mm	2019/05/15
3	GSM1900	Left Cheek Middle	2019/05/27
4	GSM1900/GPRS4Tx	Body Face Middle ,10mm	2019/05/27
5	WCDMA1900	Left Cheek Middle	2019/05/27
6	WCDMA1900	Body Face, Middle ,10mm	2019/05/27
7	WCDMA850	Right Cheek Middle	2019/05/15
8	WCDMA850	Body Back, Middle ,10mm	2019/05/15
9	LTE Band2	Left Cheek Middle	2019/05/27
10	LTE Band2	Body Face, Middle ,10mm	2019/05/27
11	LTE Band4	Left Cheek Middle	2019/05/22
12	LTE Band4	Body Back, Middle ,10mm	2019/05/22
13	LTE Band5	Left Cheek Middle	2019/05/15
14	LTE Band5	Body Back, Middle,10mm	2019/05/15
15	LTE Band7	Left Cheek Middle	2019/05/31
16	LTE Band7	Body Back, Middle ,10mm	2019/05/31
17	WIFI 2.4G 802.11b	Right Tilt Middle	2019/05/29
18	WIFI 2.4G 802.11b	Edge D, Middle ,10mm	2019/05/29
19	WIFI 5G 802.11a-20MHz	Right Cheek 5240	2019/06/03
20	WIFI 5G 802.11ac-40MHz	Body Back, 5755 ,10mm	2019/06/05
21	BT 3.0 8-DPSK	Left Cheek Low	2019/07/08
22	BT 3.0 8-DPSK	Body Back, Low ,10mm	2019/07/08



Plot 1: GSM850, Right Cheek, Middle

Type: Phone measurement

Date of measurement: 05/15/2019

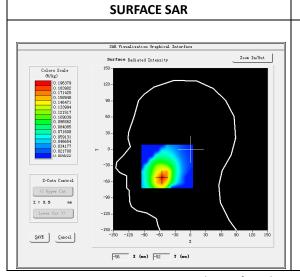
Measurement duration: 22 minutes 11 seconds

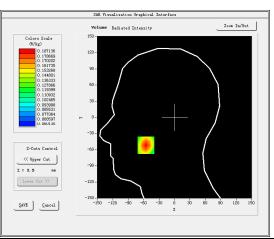
Mobile Phone IMEI number: -- **A. Experimental conditions.**

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Right Cheek
Band	GSM850
Channels	190
Signal	GSM (Duty cycle: 1:8.3)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	836.6
Relative permittivity (real part)	41.43
Relative permittivity (imaginary part)	19.27
Conductivity (S/m)	0.91
Variation (%)	-3.88
ConvF:	1.92





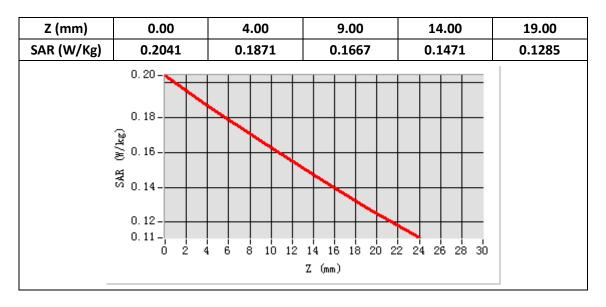
VOLUME SAR

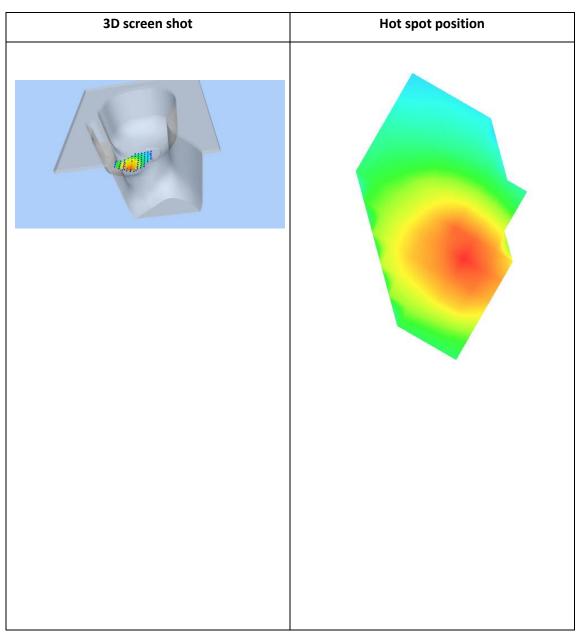
Maximum location: X=-56.00, Y=-52.00

SAR Peak: 0.20W/kg

SAR 10g (W/Kg)	0.148730
SAR 1g (W/Kg)	0.183810









Plot 2: GPRS850, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 05/15/2019

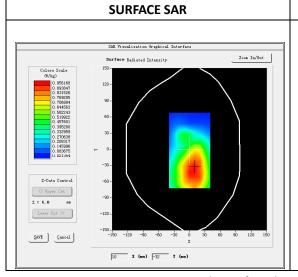
Measurement duration: 22 minutes 31 seconds

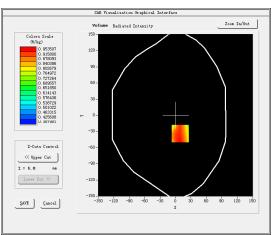
Mobile Phone IMEI number: -- **A. Experimental conditions.**

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	GSPRS850_2Tx
Channels	190
Signal	GPRS(Duty cycle: 1:2)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	836.6
Relative permittivity (real part)	55.31
Relative permittivity (imaginary part)	20.48
Conductivity (S/m)	0.95
Variation (%)	-0.86
ConvF:	1.99





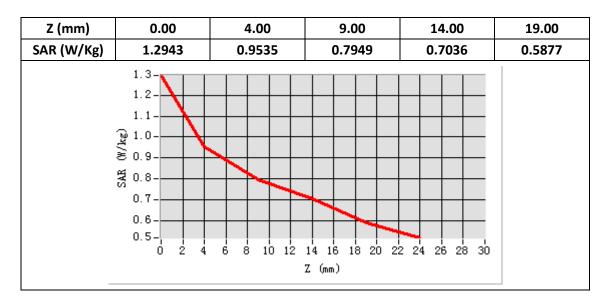
VOLUME SAR

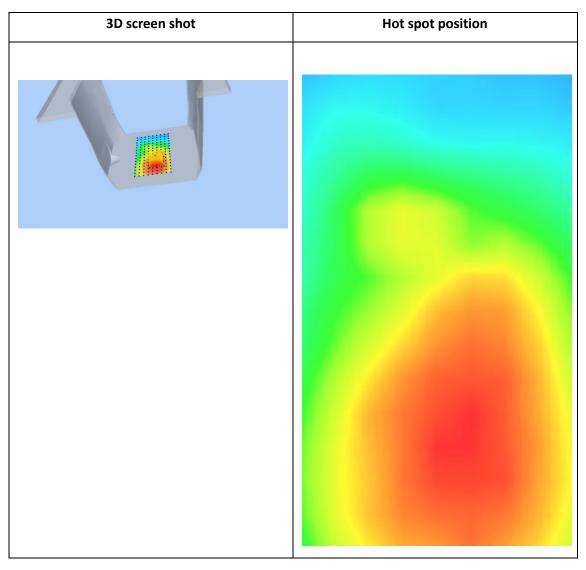
Maximum location: X=9.00, Y=-34.00

SAR Peak: 1.08 W/kg

SAR 10g (W/Kg)	0.776021
SAR 1g (W/Kg)	0.942317









Plot3: GSM1900, Left Cheek, Middle

Type: Phone measurement

Date of measurement: 05/27/2019

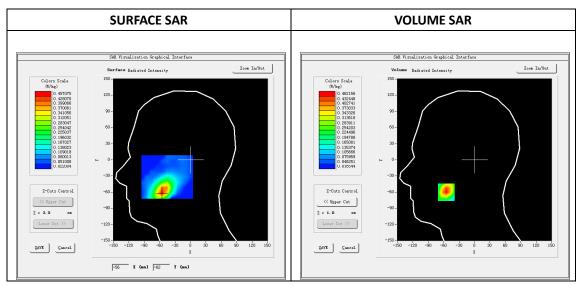
Measurement duration: 22 minutes 24 seconds

Mobile Phone IMEI number: -- A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left Cheek
Band	GSM1900
Channels	661
Signal	GSM (Duty cycle: 1:8.3)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1880
Relative permittivity (real part)	40.11
Relative permittivity (imaginary part)	13.17
Conductivity (S/m)	1.39
Variation (%)	-4.32
ConvF:	2.34

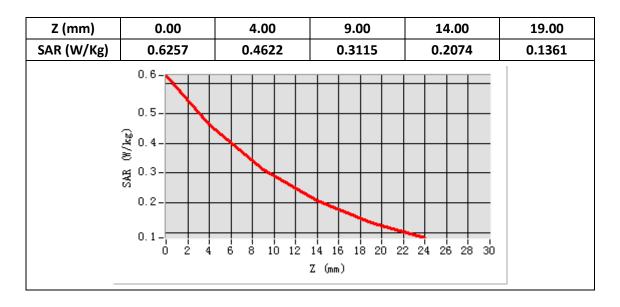


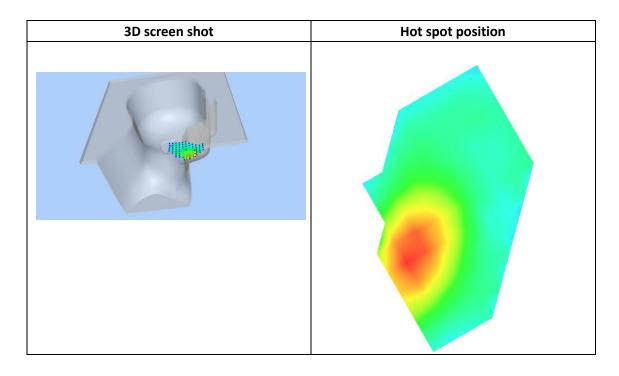
Maximum location: X=-55.00, Y=-60.00

SAR Peak: 0.64 W/kg

SAR 10g (W/Kg)	0.253458
SAR 1g (W/Kg)	0.433478









Plot4: GPRS1900, Face, Middle ,10mm

Type: Phone measurement

Date of measurement: 05/27/2019

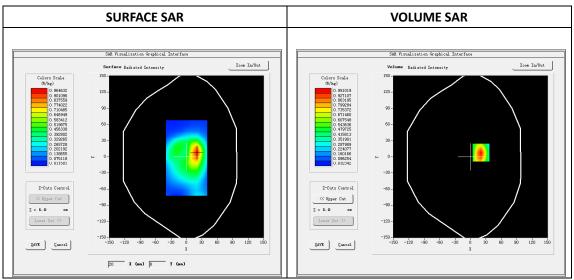
Measurement duration: 22 minutes 23 seconds

Mobile Phone IMEI number: -- A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Face
Band	GPRS1900_2Tx
Channels	661
Signal	GPRS(Duty cycle: 1:2)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1880
Relative permittivity (real part)	53.06
Relative permittivity (imaginary part)	14.12
Conductivity (S/m)	1.49
Variation (%)	0.53
ConvF:	2.39

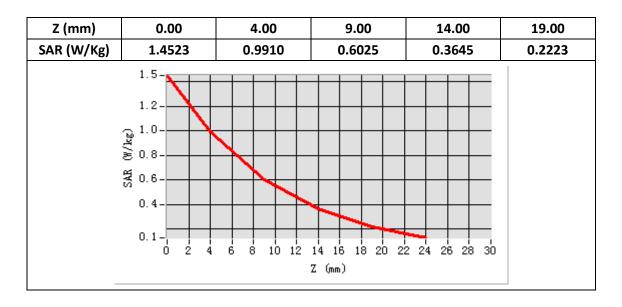


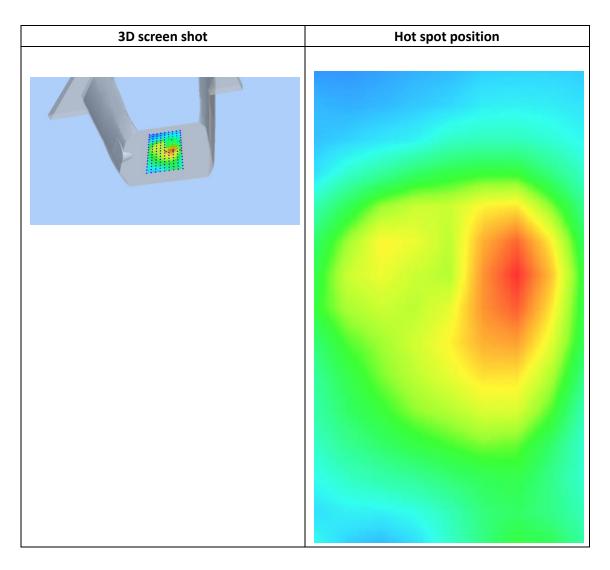
Maximum location: X=20.00, Y=8.00

SAR Peak: 1.46W/kg

SAR 10g (W/Kg)	0.516815
SAR 1g (W/Kg)	0.927099









Plot 5: WCDMA1900, Left Cheek, Middle,10mm

Type: Phone measurement

Date of measurement: 05/27/2019

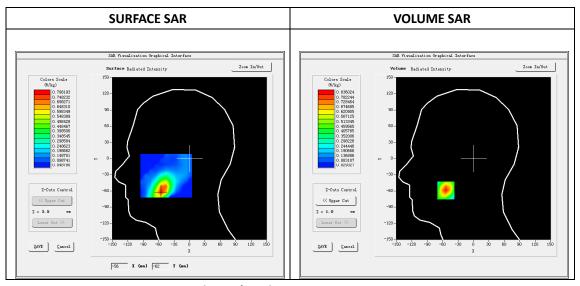
Measurement duration: 22 minutes 18 seconds

Mobile Phone IMEI number: -- **A. Experimental conditions.**

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left Cheek
Band	Band2_WCDMA1900
Channels	9400
Signal	WCDMA (Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1880
Relative permittivity (real part)	40.11
Relative permittivity (imaginary part)	13.17
Conductivity (S/m)	1.39
Variation (%)	-2.50
ConvF:	2.34

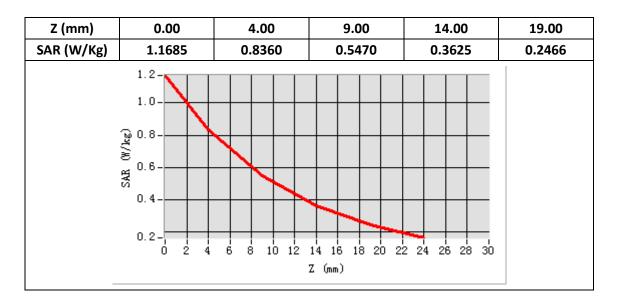


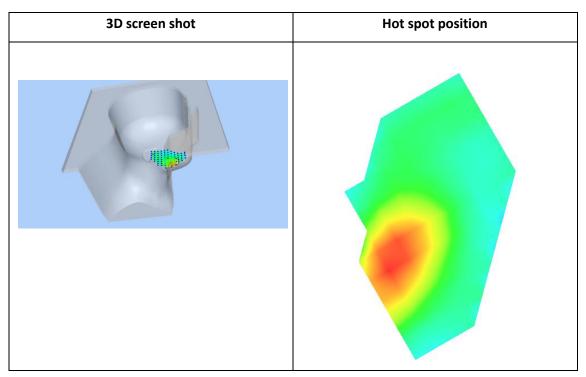
Maximum location: X=-54.00, Y=-59.00

SAR Peak: 1.17W/kg

SAR 10g (W/Kg)	0.453756
SAR 1g (W/Kg)	0.778450









Plot 6: WCDMA1900, Face, Middle,10mm

Type: Phone measurement

Date of measurement: 05/27/2019

Measurement duration: 22 minutes 51 seconds

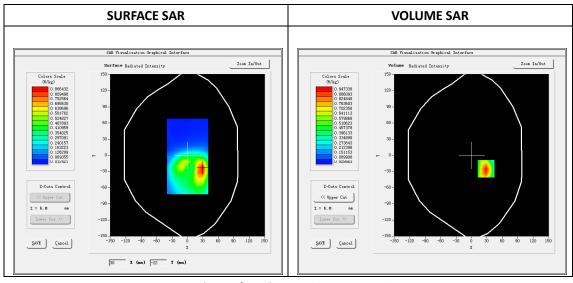
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Face
Band	Band2_WCDMA1900
Channels	9400
Signal	WCDMA (Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1880
Relative permittivity (real part)	53.06
Relative permittivity (imaginary part)	14.12
Conductivity (S/m)	1.49
Variation (%)	1.10
ConvF:	2.39

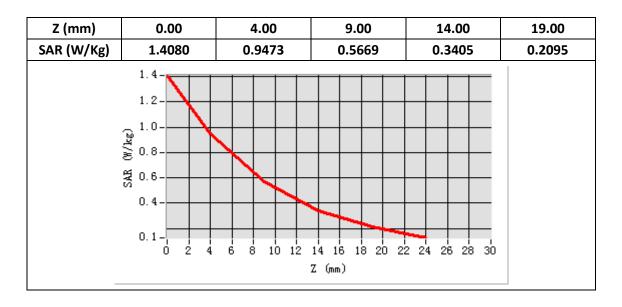


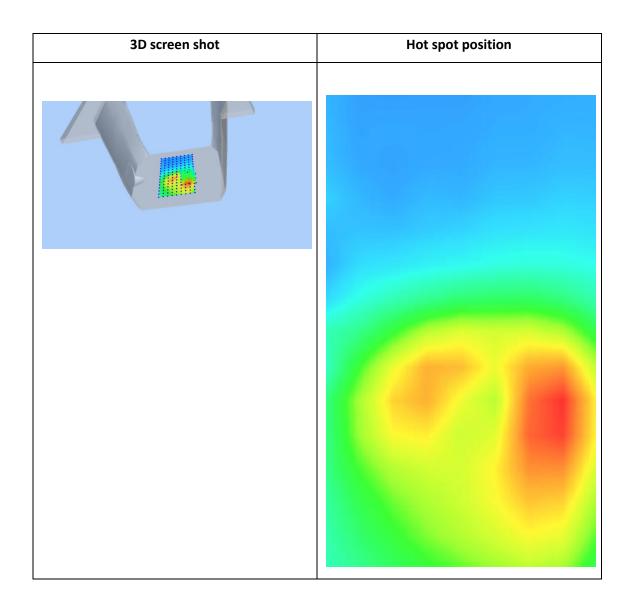
Maximum location: X=28.00, Y=-25.00

SAR Peak: 1.42W/kg

SAR 10g (W/Kg)	0.488280
SAR 1g (W/Kg)	0.884602









Plot 7: WCDMA850, Right Cheek, Middle

Type: Phone measurement

Date of measurement: 05/15/2019

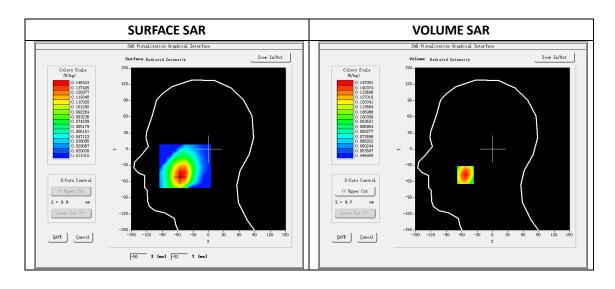
Measurement duration: 22 minutes 25 seconds

Mobile Phone IMEI number: -- **A. Experimental conditions.**

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Right Cheek
Band	Band5_WCDMA850
Channels	4183
Signal	WCDMA (Duty cycle: 1:1)

B. SAR Measurement Results

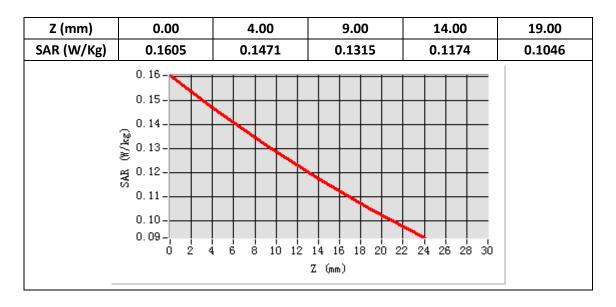
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	836.6
Relative permittivity (real part)	41.43
Relative permittivity (imaginary part)	19.27
Conductivity (S/m)	0.91
Variation (%)	-4.28
ConvF:	1.92

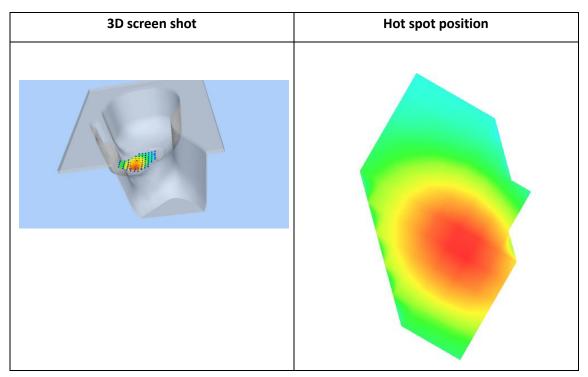


Maximum location: X=-53.00, Y=-48.00 SAR Peak: 0.16W/kg

SAR 10g (W/Kg)	0.119550
SAR 1g (W/Kg)	0.144916









Plot 8: WCDMA850, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 05/15/2019

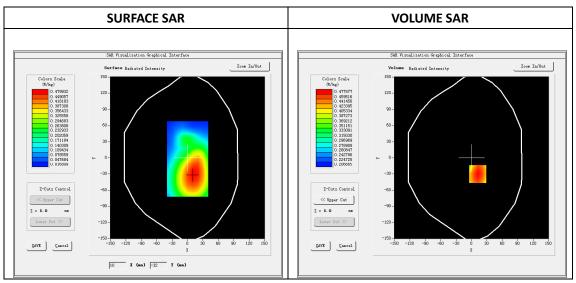
Measurement duration: 22 minutes 48 seconds

Mobile Phone IMEI number: -- **A. Experimental conditions.**

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	Band5_WCDMA850
Channels	4183
Signal	WCDMA (Duty cycle: 1:1)

B. SAR Measurement Results

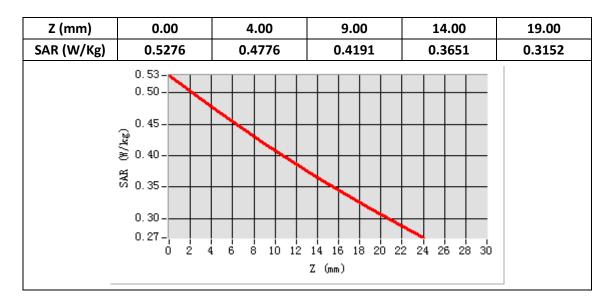
E Field Duebe	CATIMO CNI 27/45 EDC0264
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	836.6
Relative permittivity (real part)	53.12
Relative permittivity (imaginary part)	15.10
Conductivity (S/m)	1.51
Variation (%)	-1.01
ConvF:	1.99

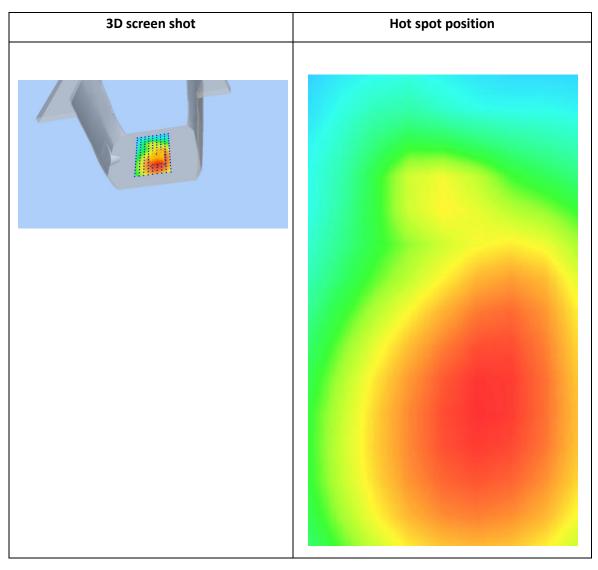


Maximum location: X=12.00, Y=-30.00 SAR Peak: 0.53W/kg

SAR 10g (W/Kg)	0.394921
SAR 1g (W/Kg)	0.474990









Plot 9: LTE Band2, 10MHz, Left Cheek, Middle

Type: Phone measurement

Date of measurement: 05/27/2019

Measurement duration: 22 minutes 06 econds

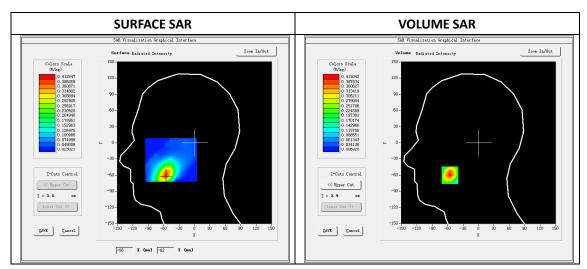
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left Cheek
Band	LTE Band 2
Channels	20525
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	836.5
Relative permittivity (real part)	40.11
Relative permittivity (imaginary part)	13.17
Conductivity (S/m)	1.39
Variation (%)	-2.57
ConvF:	2.34

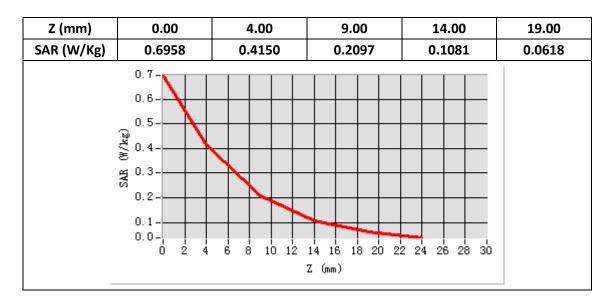


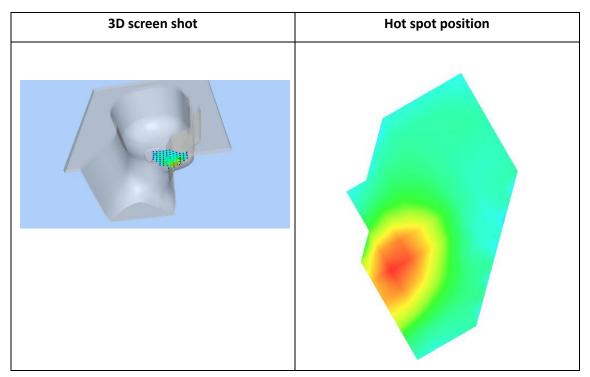
Maximum location: X=-56.00, Y=-60.00

SAR Peak: 0.70 W/kg

SAR 10g (W/Kg)	0.196944
SAR 1g (W/Kg)	0.387719









Plot 10: LTE Band2, 10MHz, Face, Middle,10mm

Type: Phone measurement

Date of measurement: 05/27/2019

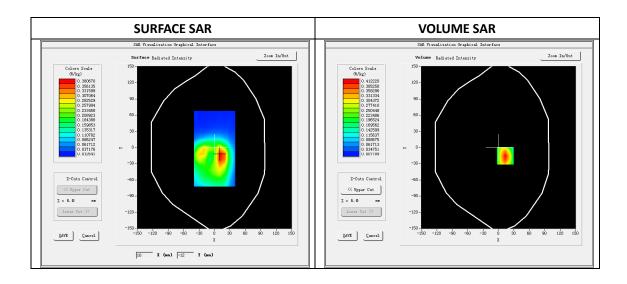
Measurement duration: 22 minutes 37 seconds

Mobile Phone IMEI number: -- **A. Experimental conditions.**

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Face
Band	LTE Band 5
Channels	20525
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	836.5
Relative permittivity (real part)	53.06
Relative permittivity (imaginary part)	14.12
Conductivity (S/m)	1.49
Variation (%)	-2.37
ConvF:	2.39

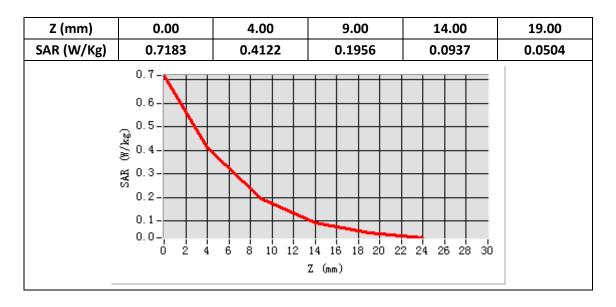


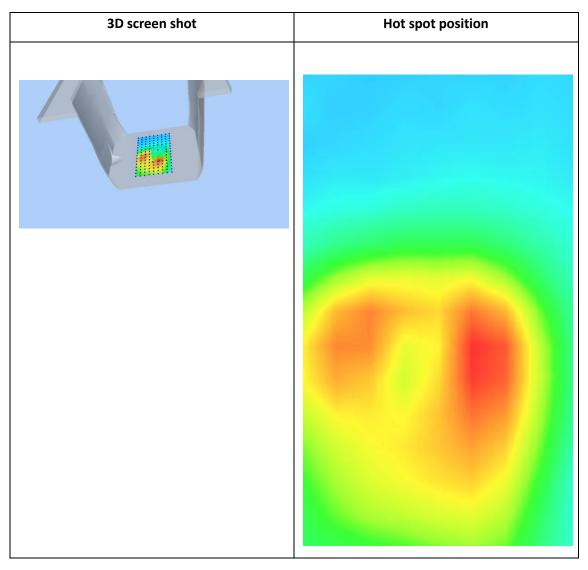
Maximum location: X=13.00, Y=-15.00

SAR Peak: 0.72W/kg

SAR 10g (W/Kg)	0.194312
SAR 1g (W/Kg)	0.387621









Plot 11: LTE Band4, 20MHz, Left Cheek, Middle

Type: Phone measurement

Date of measurement: 05/22/2019

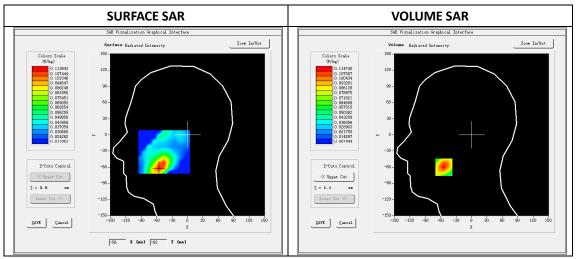
Measurement duration: 22 minutes 59 econds

Mobile Phone IMEI number: -- **A. Experimental conditions.**

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left Cheek
Band	LTE Band 4
Channels	20175
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

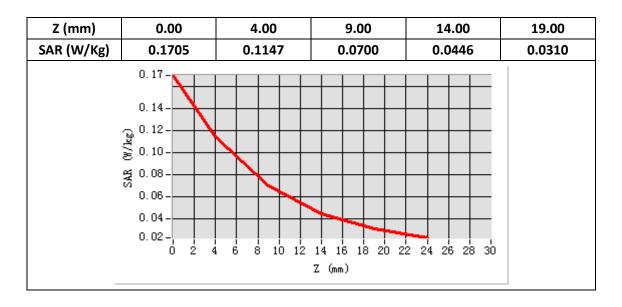
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1732.5
Relative permittivity (real part)	40.14
Relative permittivity (imaginary part)	14.00
Conductivity (S/m)	1.40
Variation (%)	-3.86
ConvF:	2.14

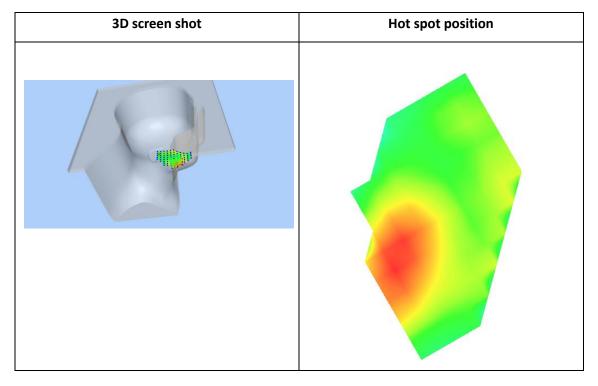


Maximum location: X=-54.00, Y=-60.00 SAR Peak: 0.17 W/kg

SAR 10g (W/Kg)	0.064933
SAR 1g (W/Kg)	0.108509









Plot 12: LTE Band4, 20MHz, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 05/22/2019

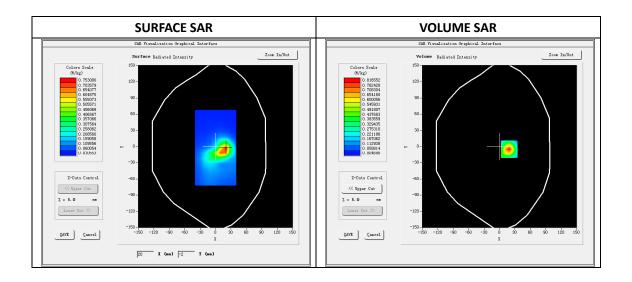
Measurement duration: 22 minutes 16 seconds

Mobile Phone IMEI number: -- **A. Experimental conditions.**

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	LTE Band 4
Channels	20175
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	1732.5
Relative permittivity (real part)	53.09
Relative permittivity (imaginary part)	15.10
Conductivity (S/m)	1.51
Variation (%)	-3.20
ConvF:	2.22

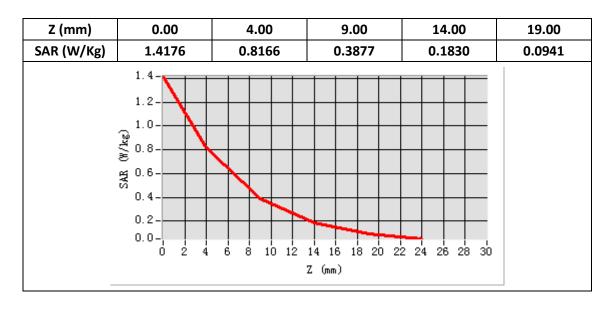


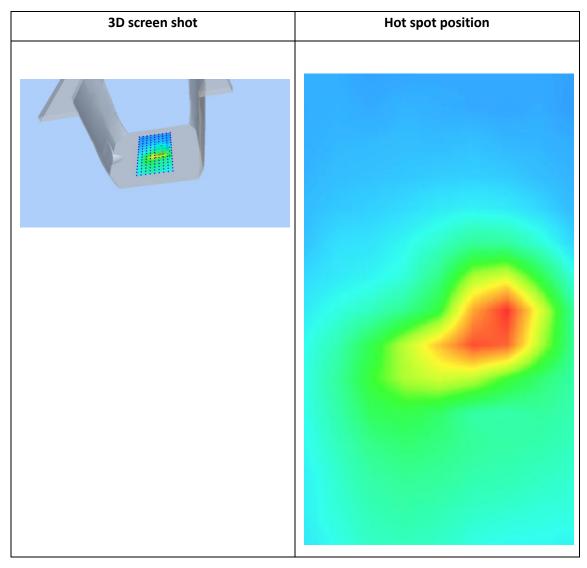
Maximum location: X=19.00, Y=-5.00

SAR Peak: 1.42W/kg

SAR 10g (W/Kg)	0.333513
SAR 1g (W/Kg)	0.743387









Plot 13: LTE Band5, 10MHz, Left Cheek, Middle

Type: Phone measurement

Date of measurement: 05/15/2019

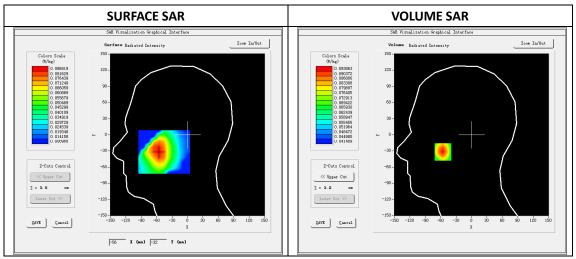
Measurement duration: 22 minutes 07 econds

Mobile Phone IMEI number: -- **A. Experimental conditions.**

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Left Cheek
Band	LTE Band 5
Channels	20525
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

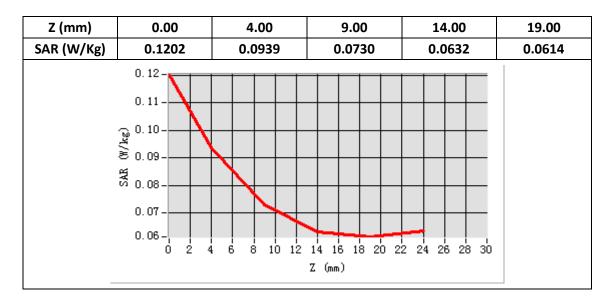
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	836.5
Relative permittivity (real part)	41.43
Relative permittivity (imaginary part)	19.27
Conductivity (S/m)	0.91
Variation (%)	-2.25
ConvF:	1.92

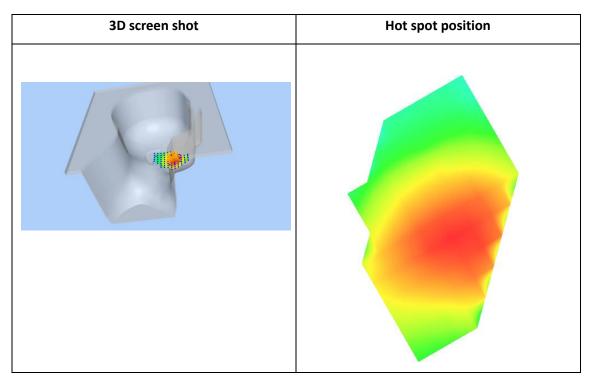


Maximum location: X=-56.00, Y=-32.00 SAR Peak: 0.12 W/kg

SAR 10g (W/Kg)	0.074486
SAR 1g (W/Kg)	0.092563









Plot 14: LTE Band5, 10MHz, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 05/15/2019

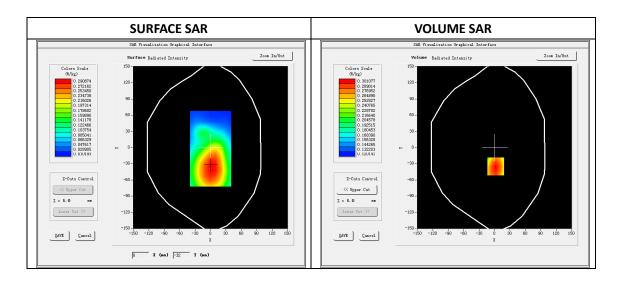
Measurement duration: 22 minutes 49 seconds

Mobile Phone IMEI number: -- **A. Experimental conditions.**

Area Scan	dx=8mm dy=8mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Back
Band	LTE Band 5
Channels	20525
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	836.5
Relative permittivity (real part)	55.31
Relative permittivity (imaginary part)	20.48
Conductivity (S/m)	0.95
Variation (%)	-1.35
ConvF:	1.99



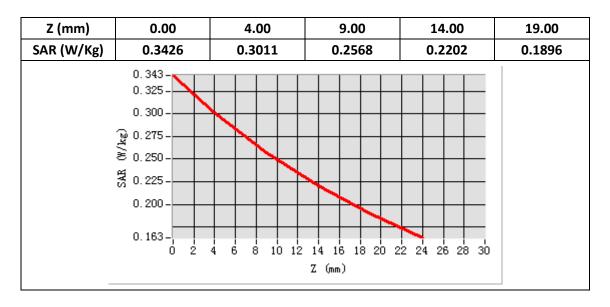
Maximum location: X=2.00, Y=-35.00

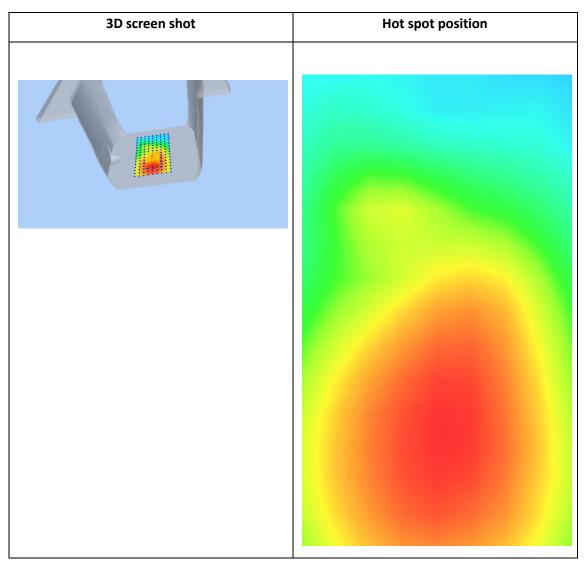
SAR Peak: 0.34W/kg

SAR 10g (W/Kg) 0.242903

SAR 1g (W/Kg) 0.298635









Plot 15: LTE Band7, 20MHz, Left Cheek, Middle

Type: Phone measurement

Date of measurement: 05/31/2019

Measurement duration: 22 minutes 55 seconds

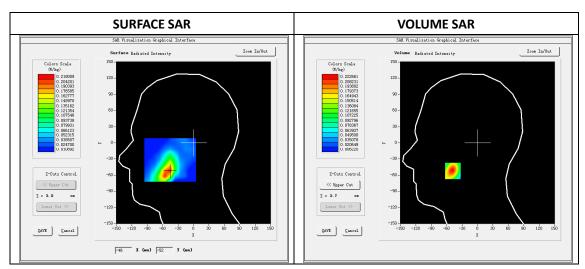
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=5mm,dy=5mm
ZoomScan	7x7x8,dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Left Cheek
Band	LTE Band 7
Channels	21100
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	2535
Relative permittivity (real part)	39.16
Relative permittivity (imaginary part)	13.57
Conductivity (S/m)	1.96
Variation (%)	-3.26
ConvF:	2.35

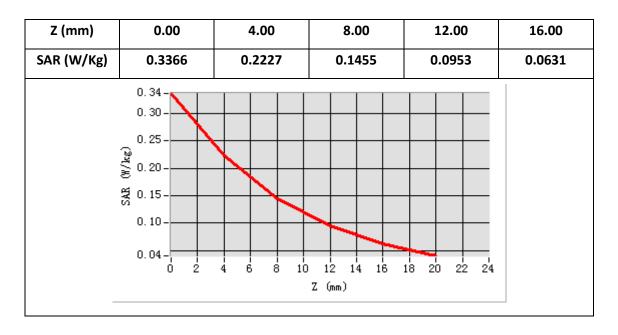


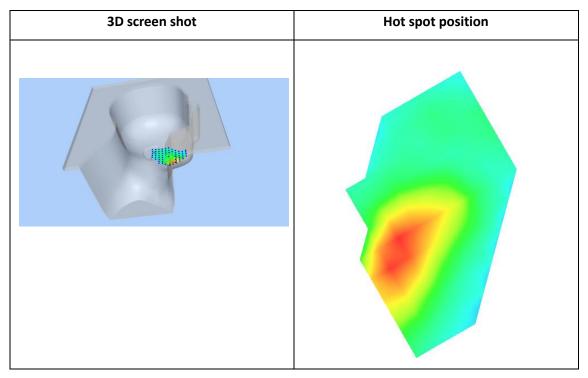
Maximum location: X=-48.00 Y=-52.00

SAR Peak: 0.34W/kg

SAR 10g (W/Kg)	0.111806
SAR 1g (W/Kg)	0.205476









Plot 16: LTE Band7, 20MHz, Back, Middle,10mm

Type: Phone measurement

Date of measurement: 05/31/2019

Measurement duration: 22 minutes 22 seconds

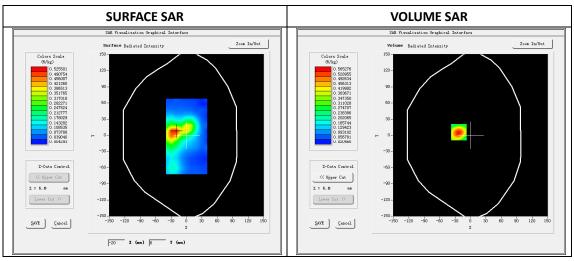
Mobile Phone IMEI number: --

A. Experimental conditions.

	-
Area Scan	dx=5mm,dy=5mm
ZoomScan	7x7x8,dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Back
Band	LTE Band 7
Channels	21100
Signal	LTE (Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	2535
Relative permittivity (real part)	52.34
Relative permittivity (imaginary part)	14.95
Conductivity (S/m)	2.16
Variation (%)	1.53
ConvF:	2.43

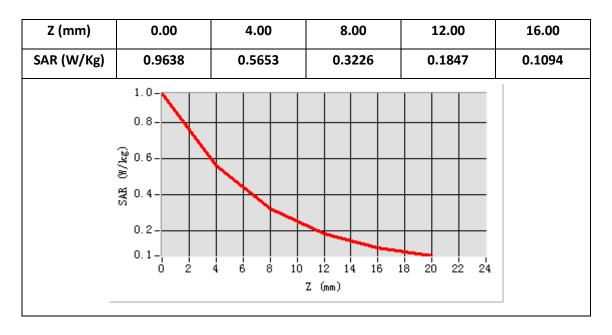


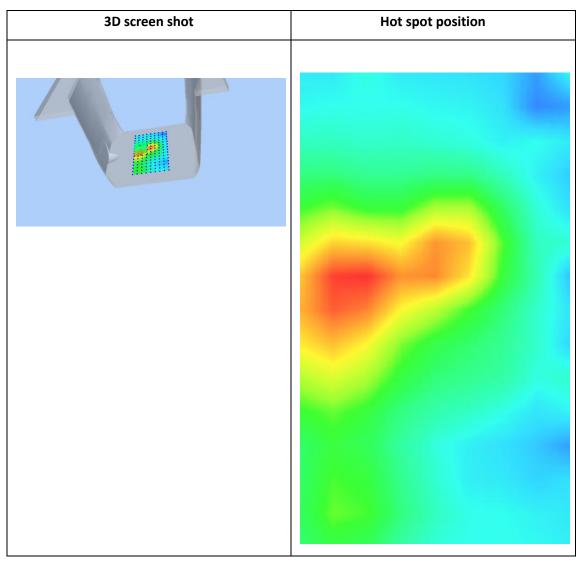
Maximum location: X=-23.00 Y=6.00

SAR Peak: 0.97 W/kg

SAR 10g (W/Kg)	0.265391
SAR 1g (W/Kg)	0.522292









Plot 17: Wi-Fi 802.11b Right Tilt, Middle

Type: Phone measurement

Date of measurement: 05/29/2019

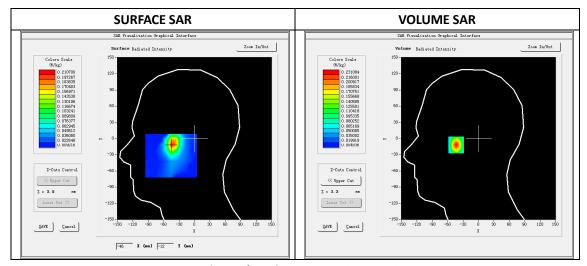
Measurement duration: 22 minutes 53 seconds

Mobile Phone IMEI number: -- **A. Experimental conditions.**

	<u></u>
Area Scan	dx=5mm,dy=5mm
ZoomScan	7x7x8,dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Right Tilt
Band	WIFI
Channels	6
Signal	DSSS (Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	2437
Relative permittivity (real part)	39.44
Relative permittivity (imaginary part)	13.30
Conductivity (S/m)	1.81
Variation (%)	-1.74
ConvF:	2.37

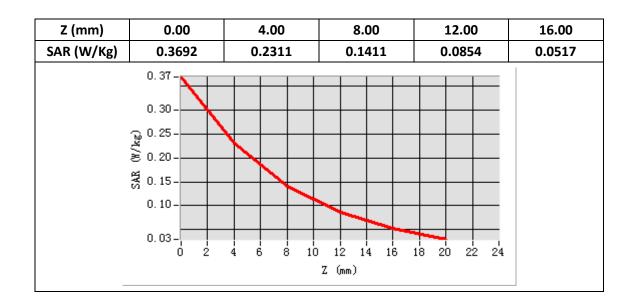


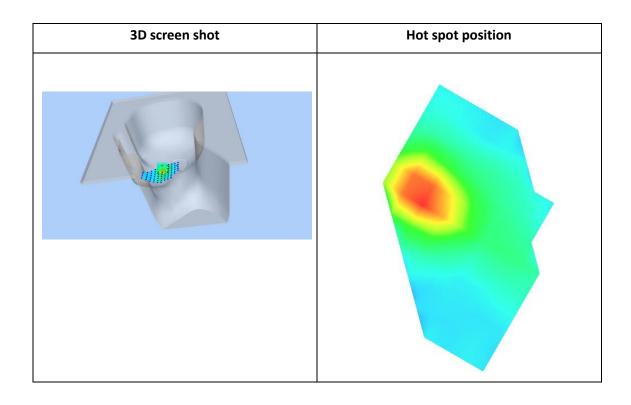
Maximum location: X=-44.00 Y=-11.00

SAR Peak: 0.37 W/kg

SAR 10g (W/Kg)	0.098890
SAR 1g (W/Kg)	0.206022









Plot 18: Wi-Fi 802.11b, Edge D, Middle, 10mm

Type: Phone measurement

Date of measurement: 05/29/2019

Measurement duration: 22 minutes 28 seconds

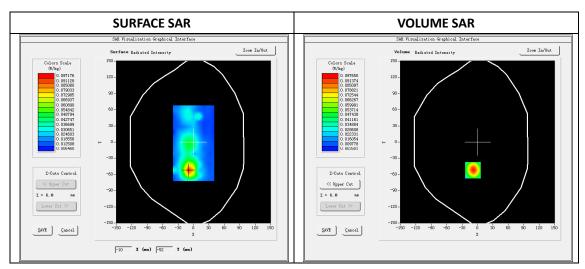
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=5mm,dy=5mm
ZoomScan	7x7x8,dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Edge D
Band	WIFI
Channels	6
Signal	DSSS (Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	2437
Relative permittivity (real part)	52.66
Relative permittivity (imaginary part)	14.55
Conductivity (S/m)	1.98
Variation (%)	-2.07
ConvF:	2.46

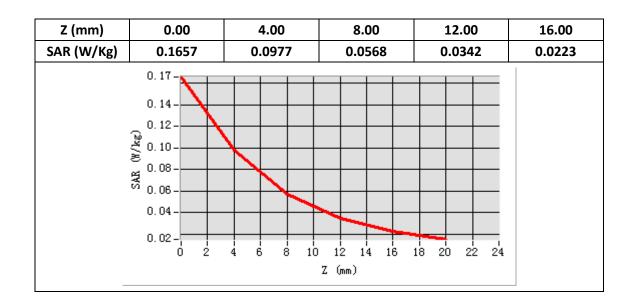


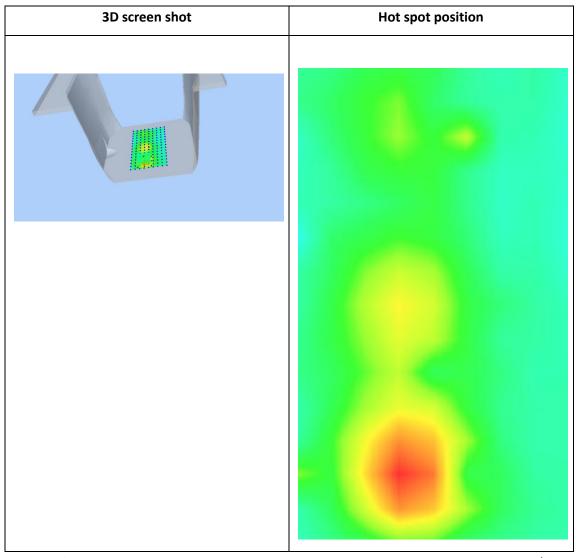
Maximum location: X=-9.00 Y=-52.00

SAR Peak: 0.17 W/kg

SAR 10g (W/Kg)	0.046209
SAR 1g (W/Kg)	0.090740









Plot 19: WIFI 5G 802.11a(20MHz), Right Cheek

Type: Phone measurement

Date of measurement: 06/03/2019

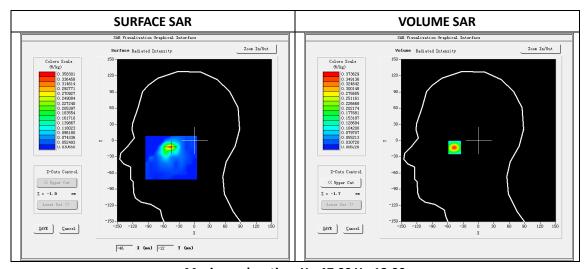
Measurement duration: 22 minutes 19 seconds

Mobile Phone IMEI number: -- A. Experimental conditions.

Area Scan	dx=4mm,dy=4mm
ZoomScan	7x7x12,dx=4m, dy=4mm, dz=2mm
Phantom	Validation plane
Device Position	Right Cheek
Band	WIFI 5G
Channels	48
Signal	OFDM (Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	5240
Relative permittivity (real part)	36.45
Relative permittivity (imaginary part)	15.96
Conductivity (S/m)	4.61
Variation (%)	-3.63
ConvF:	2.19

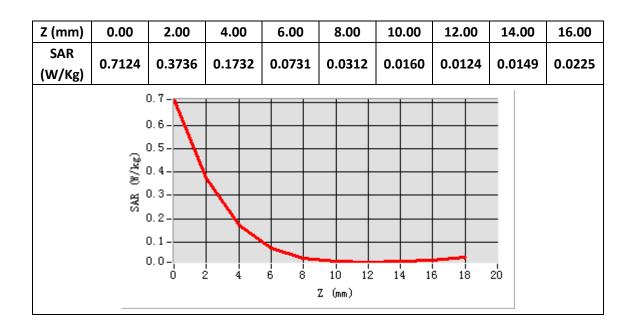


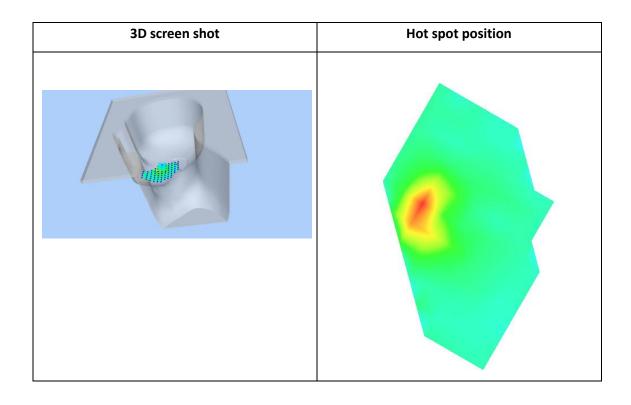
Maximum location: X=-47.00 Y=-12.00

SAR Peak: 1.23 W/kg

SAR 10g (W/Kg)	0.126604
SAR 1g (W/Kg)	0.370444









Plot 20: WIFI 5G 802.11ac(40MHz), Back, 10mm

Type: Phone measurement

Date of measurement: 06/05/2019

Measurement duration: 22 minutes 47 seconds

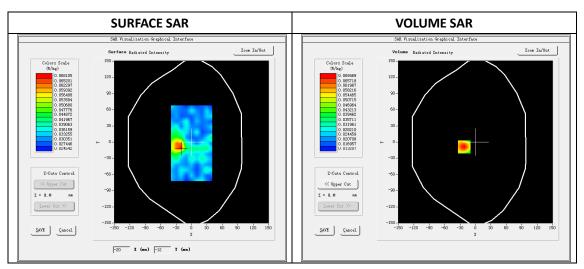
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=4mm,dy=4mm
ZoomScan	7x7x12,dx=4m, dy=4mm, dz=2mm
Phantom	Validation plane
Device Position	Back
Band	WIFI 5G
Channels	151
Signal	OFDM (Duty cycle: 1:1)

B. SAR Measurement Results

D. O. III IVICADAI CITICITE INCOANG	
E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	5755
Relative permittivity (real part)	48.11
Relative permittivity (imaginary part)	18.22
Conductivity (S/m)	5.87
Variation (%)	-4.63
ConvF:	2.26



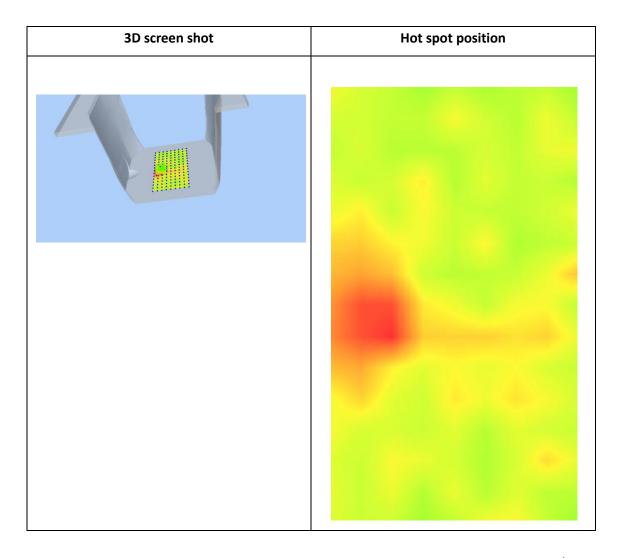
Maximum location: X=-22.00 Y=-9.00

SAR Peak: 0.11 W/kg

SAR 10g (W/Kg)	0.036412
SAR 1g (W/Kg)	0.055051



Z (mm)	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00
SAR (W/Kg)	0.1036	0.0695	0.0468	0.0327	0.0249	0.0211	0.0199	0.0204	0.0222
	SAR (#/kg)	. 10	2 4	6 8	10 12 Z (mm)	14 16	3 18 2	20	





Plot 21: BT 3.0 8-DPSK Left Check, Low

Type: Phone measurement

Date of measurement: 07/08/2019

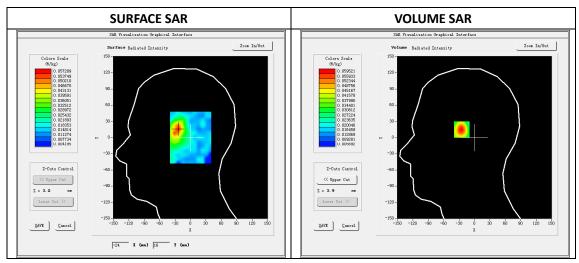
Measurement duration: 22 minutes 23 seconds

Mobile Phone IMEI number: -- A. Experimental conditions.

Area Scan	dx=5mm,dy=5mm	
ZoomScan	7x7x8,dx=5mm dy=5mm dz=4mm	
Phantom	Validation plane	
Device Position	Left Check	
Band	BT	
Channels	0	
Signal	OFDM (Duty cycle: 1:1)	

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	2402
Relative permittivity (real part)	39.38
Relative permittivity (imaginary part)	13.44
Conductivity (S/m)	1.83
Variation (%)	-1.74
ConvF:	-4.37

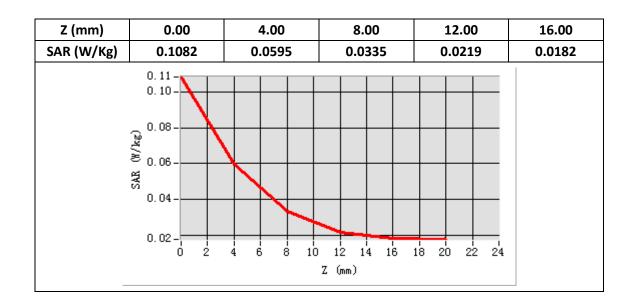


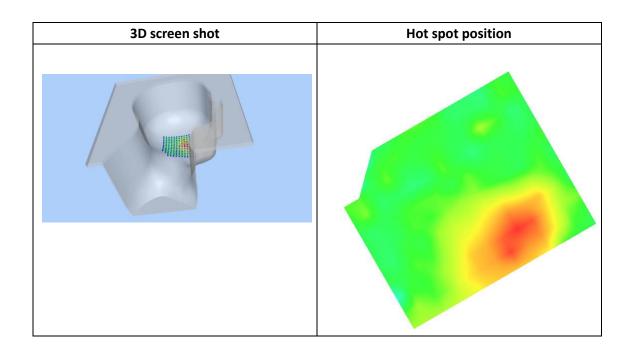
Maximum location: X=-24.00, Y=16.00

SAR Peak: 0.11 W/kg

SAR 10g (W/Kg)	0.032435
SAR 1g (W/Kg)	0.056286









Plot 22: BT 3.0 8-DPSK, Back ,Low, 10mm

Type: Phone measurement

Date of measurement: 07/08/2019

Measurement duration: 22 minutes 28 seconds

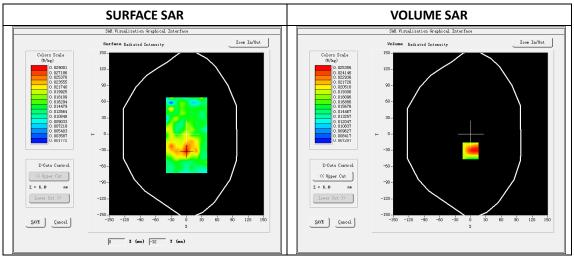
Mobile Phone IMEI number: --

A. Experimental conditions.

Area Scan	dx=5mm,dy=5mm
ZoomScan	7x7x8,dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Body
Band	BT
Channels	0
Signal	OFDM (Duty cycle: 1:1)

B. SAR Measurement Results

E-Field Probe	SATIMO SN_27/15_EPG0261
Frequency (MHz)	2402
Relative permittivity (real part)	52.78
Relative permittivity (imaginary part)	14.40
Conductivity (S/m)	1.96
Variation (%)	-2.07
ConvF:	4.30



Maximum location: X=0.00, Y=-31.00

SAR Peak: 0.04 W/kg

SAR 10g (W/Kg)	0.017093
SAR 1g (W/Kg)	0.025120



