

Date: Jan. 07, 2024

Page 175 of 251

Test Laboratory: AGC Lab

WCDMA Band IV Mid-Touch-Right (RMC)

DUT: smartphone; Type: X23

Communication System: UMTS; Communication System Band: BAND IV UTRA/FDD; Duty Cycle:1: 1; Conv.F=2.17; Frequency:1732.4 MHz; Medium parameters used: f = 1750 MHz; $\sigma = 1.28 \text{ mho/m}$; $\epsilon = 41.39$; $\rho = 1000 \text{ kg/m}^3$;

Phantom section: Right Section

Ambient temperature (°C): 20.9, Liquid temperature (°C): 20.6

SATIMO Configuration:

Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414

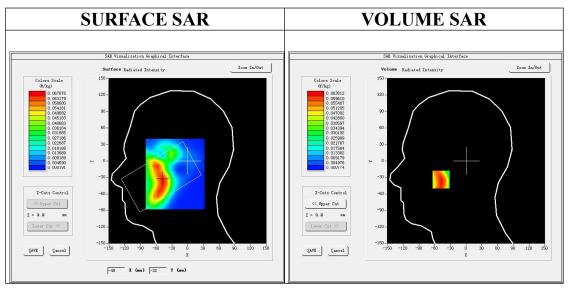
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

Measurement SW: OpenSAR V4 02 35

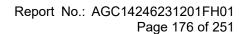
Configuration/ WCDMA Band IV Mid-Touch-Right/Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ WCDMA Band IV Mid-Touch-Right/Zoom Scan: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Area Scan	dx=8mm dy=8mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	WCDMA Band IV
Channels	Middle
Signal	CDMA (Crest factor: 1.0)

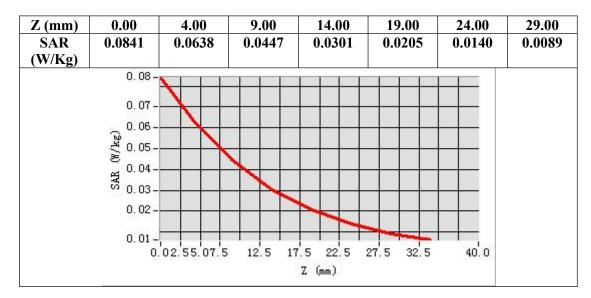


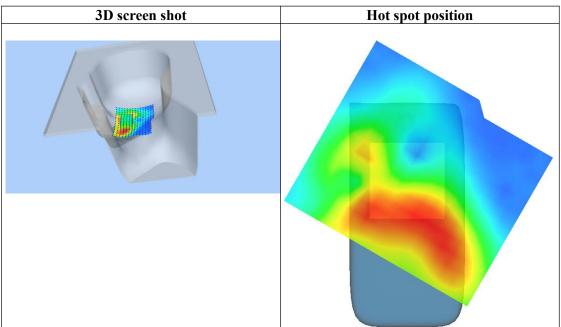
Maximum location: X=-48.00, Y=-34.00 SAR Peak: 0.09 W/kg

SAR 10g (W/Kg)	0.038810
SAR 1g (W/Kg)	0.060992











Page 177 of 251

Test Laboratory: AGC Lab Date: Jan. 07, 2024

WCDMA Band IV Mid-Body-Towards Grounds (RMC)

DUT: smartphone; Type: X23

Communication System: UMTS; Communication System Band: BAND IV UTRA/FDD; Duty Cycle:1: 1; Conv.F=2.17; Frequency:1732.4 MHz; Medium parameters used: f = 1750 MHz; $\sigma = 1.28 \text{ mho/m}$; $\epsilon = 41.39$; $\rho = 1000 \text{ kg/m}^3$;

Phantom section: Flat Section

Ambient temperature (°C): 20.9, Liquid temperature (°C): 20.6

SATIMO Configuration:

Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414

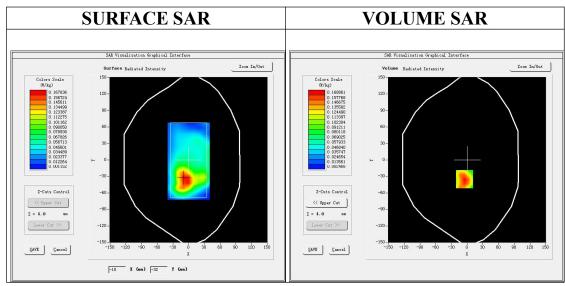
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

Measurement SW: OpenSAR V4 02 35

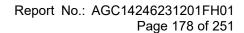
Configuration/ WCDMA Band IV Mid-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ WCDMA Band IV Mid-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

Area Scan	surf_sam_plan.txt, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Back
Band	WCDMA Band IV
Channels	Middle
Signal	CDMA (Crest factor: 1.0)

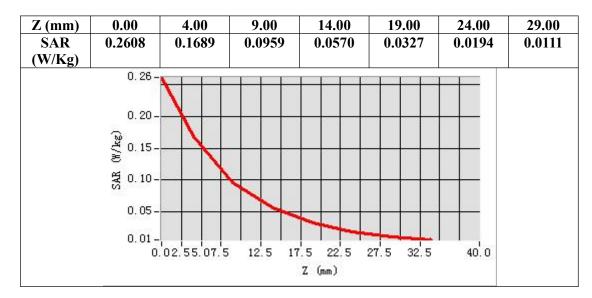


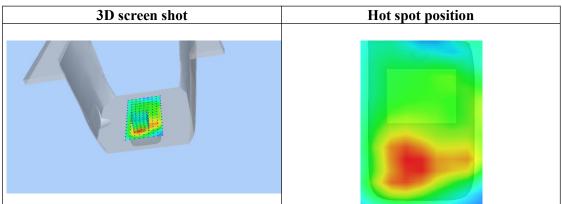
Maximum location: X=-5.00, Y=-35.00 SAR Peak: 0.27 W/kg

SAR 10g (W/Kg)	0.092152
SAR 1g (W/Kg)	0.162554











Page 179 of 251

Test Laboratory: AGC Lab Date: Jan. 03, 2024

WCDMA Band V Mid-Touch-Right (RMC)

DUT: smartphone; Type: X23

Communication System: UMTS; Communication System Band: BAND V UTRA/FDD; Duty Cycle:1: 1; Conv.F=2.02;

Frequency: 836.4 MHz; Medium parameters used: f = 835MHz; $\sigma = 0.94$ mho/m; $\epsilon r = 40.67$; $\rho = 1000$ kg/m³;

Phantom section: Right Section

Ambient temperature ($^{\circ}$ C): 21.1, Liquid temperature ($^{\circ}$ C): 20.8

SATIMO Configuration:

Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414

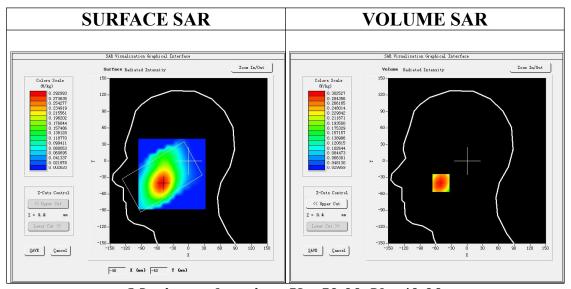
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

Measurement SW: OpenSAR V4 02 35

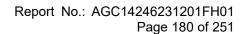
Configuration/ WCDMA Band V Mid-Touch-Right/Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ WCDMA Band V Mid-Touch-Right/Zoom Scan: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Area Scan	dx=8mm dy=8mm, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	WCDMA Band V
Channels	Middle
Signal	CDMA (Crest factor: 1.0)

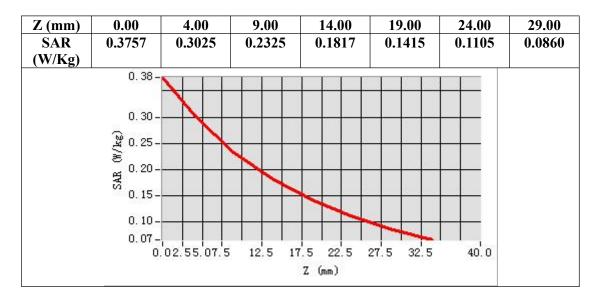


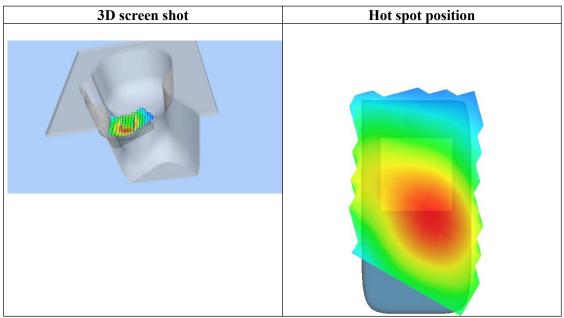
Maximum location: X=-50.00, Y=-40.00 SAR Peak: 0.38 W/kg

SAR 10g (W/Kg)	0.213954
SAR 1g (W/Kg)	0.293492











Page 181 of 251

Test Laboratory: AGC Lab Date: Jan. 03, 2024

WCDMA Band V Mid-Body-Towards Grounds (RMC)

DUT: smartphone; Type: X23

Communication System: UMTS; Communication System Band: BAND V UTRA/FDD; Duty Cycle:1: 1; Conv.F=2.02; Frequency: 836.4 MHz; Medium parameters used: f = 835MHz; $\sigma = 0.94$ mho/m; $\epsilon = 40.67$; $\rho = 1000$ kg/m³;

Phantom section: Flat Section

Ambient temperature ($^{\circ}$): 21.1, Liquid temperature ($^{\circ}$): 20.8

SATIMO Configuration:

Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414

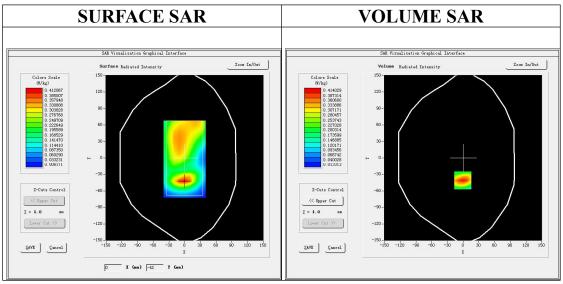
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

Measurement SW: OpenSAR V4 02 35

Configuration/ WCDMA Band V Mid-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ WCDMA Band V Mid-Body-Back/Zoom Scan: Measurement grid: dx=8mm, dy=8mm, dz=5mm;

Area Scan	surf_sam_plan.txt, h= 5.00 mm
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Back
Band	WCDMA Band V
Channels	Middle
Signal	CDMA (Crest factor: 1.0)

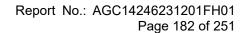


Maximum location: X=-1.00, Y=-41.00

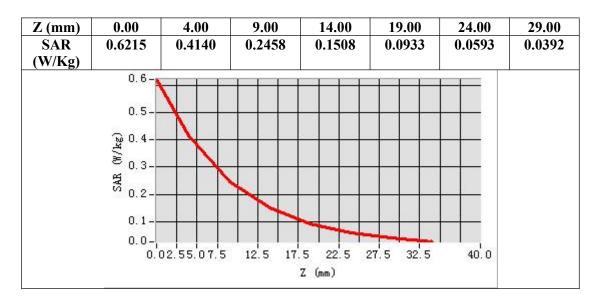
SAR Peak: 0.62 W/kg

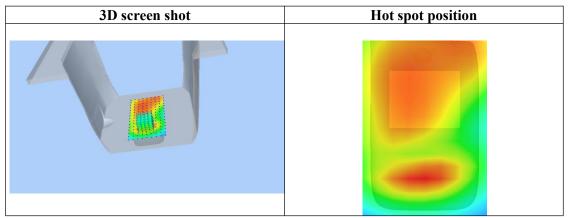
SAR 10g (W/Kg)	0.219239
SAR 1g (W/Kg)	0.389766

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.











Page 183 of 251

Test Laboratory: AGC Lab Date: Jan. 08, 2024

LTE Band 2 Mid-Touch-Right (1 RB#0) DUT: smartphone; Type: X23

Communication System: LTE; Communication System Band: LTE Band 2; Duty Cycle:1:1; Conv.F=2.15; Frequency:1880MHz; Medium parameters used: f = 1900 MHz; $\sigma = 1.31$ mho/m; $\epsilon r = 40.69$; $\rho = 1000$ kg/m³;

Phantom section: Right Section

Ambient temperature ($^{\circ}$): 20.9, Liquid temperature ($^{\circ}$): 20.4

SATIMO Configuration:

Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414

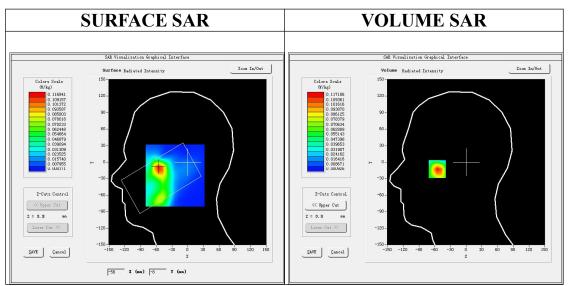
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 2 Mid- Touch-Right /Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 2 Mid- Touch-Right /Zoom Scan: Measurement grid: dx=8mm, dy=8mm, dz=5mm;

Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 2
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

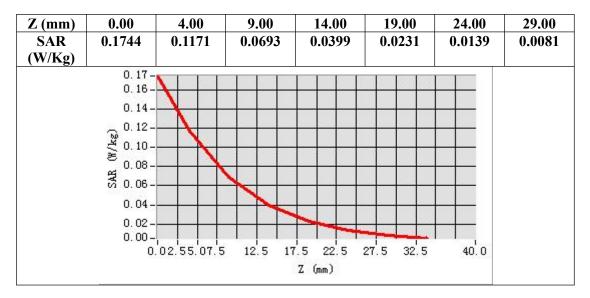


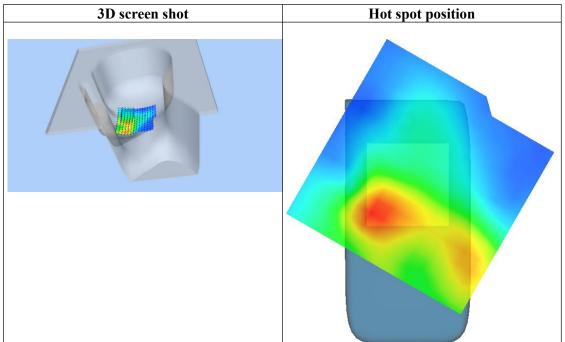
Maximum location: X=-55.00, Y=-10.00 SAR Peak: 0.18 W/kg

SAR 10g (W/Kg)	0.059219
SAR 1g (W/Kg)	0.109415











Date: Jan. 08, 2024

Page 185 of 251

Test Laboratory: AGC Lab LTE Band 2 Mid-Body-Back (1 RB#0)

DUT: smartphone; Type: X23

Communication System: LTE; Communication System Band: LTE Band 2; Duty Cycle:1:1; Conv.F=2.15; Frequency:1880MHz; Medium parameters used: f = 1900 MHz; $\sigma = 1.31 \text{ mho/m}$; $\epsilon = 40.69$; $\rho = 1000 \text{ kg/m}^3$;

Phantom section: Flat Section

Ambient temperature (°C): 20.9, Liquid temperature (°C): 20.4

SATIMO Configuration:

Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414

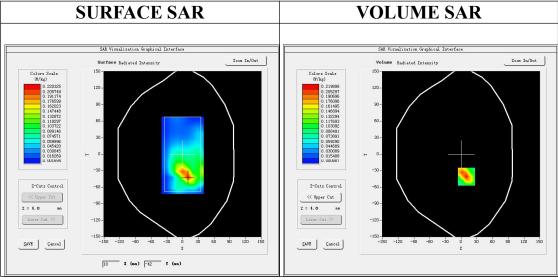
• Sensor-Surface: 4mm (Mechanical Surface Detection)

• Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 2 Mid-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 2 Mid-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band 2
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

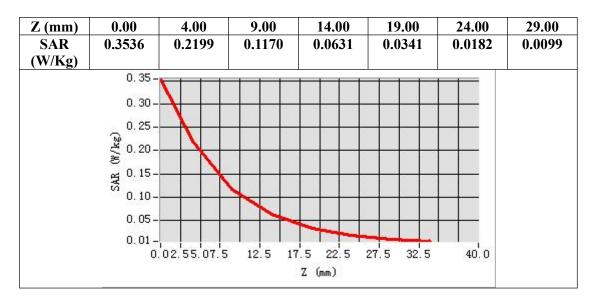


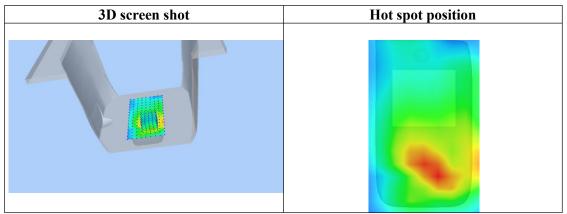
Maximum location: X=10.00, Y=-41.00 SAR Peak: 0.35 W/kg

SAR 10g (W/Kg)	0.104819
SAR 1g (W/Kg)	0.203850











Page 187 of 251

Test Laboratory: AGC Lab Date: Jan. 07, 2024

LTE Band 4 Mid-Touch-Right (1 RB#0) DUT: smartphone; Type: X23

Communication System: LTE; Communication System Band: LTE Band 4; Duty Cycle:1:1; Conv.F=2.17; Frequency:1732.5 MHz; Medium parameters used: f = 1750 MHz; $\sigma = 1.28$ mho/m; $\epsilon = 41.39$; $\rho = 1000$ kg/m³;

Phantom section: Right Section

Ambient temperature (°C): 20.9, Liquid temperature (°C): 20.6

SATIMO Configuration:

Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414

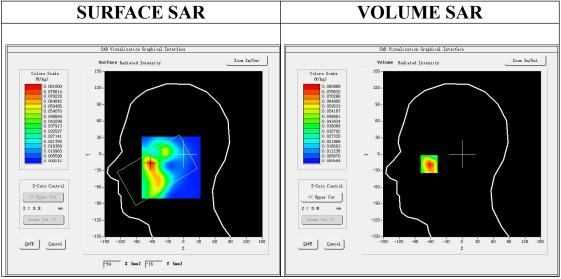
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 4 Mid- Touch-Right /Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 4 Mid- Touch-Right /Zoom Scan: Measurement grid: dx=8mm, dy=8mm, dz=5mm;

Area Scan	dx=8mm dy=8mm, h= 5.00 mm			
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm			
Phantom	Right head			
Device Position	Cheek			
Band	LTE Band 4			
Channels	Middle			
Signal	OFDM (Crest factor: 1.0)			



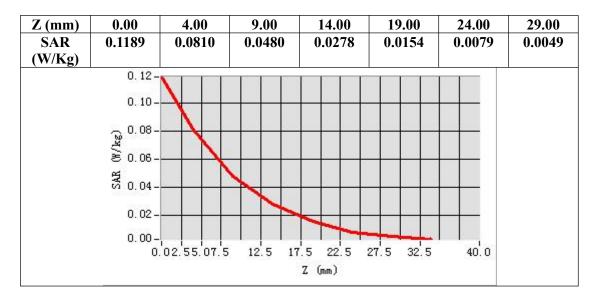
Maximum location: X=-63.00, Y=-17.00 SAR Peak: 0.13 W/kg

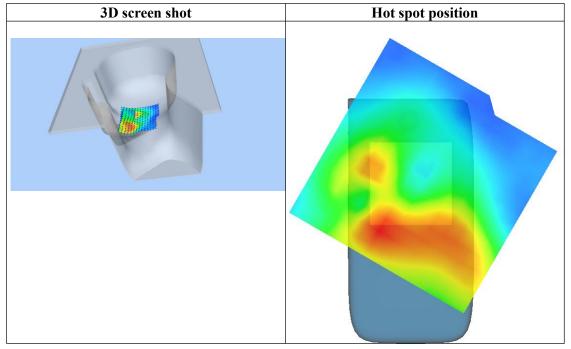
SAR 10g (W/Kg)	0.042908		
SAR 1g (W/Kg)	0.076556		

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.











Date: Jan. 07, 2024

Page 189 of 251

Test Laboratory: AGC Lab LTE Band 4 Mid-Body-Back (1 RB#0)

DUT: smartphone; Type: X23

Communication System: LTE; Communication System Band: LTE Band 4; Duty Cycle:1:1; Conv.F=2.17; Frequency:1732.5 MHz; Medium parameters used: f = 1750 MHz; $\sigma = 1.28 \text{ mho/m}$; $\epsilon = 41.39$; $\rho = 1000 \text{ kg/m}^3$;

Phantom section: Flat Section

Ambient temperature (°C): 20.9, Liquid temperature (°C): 20.6

SATIMO Configuration:

Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414

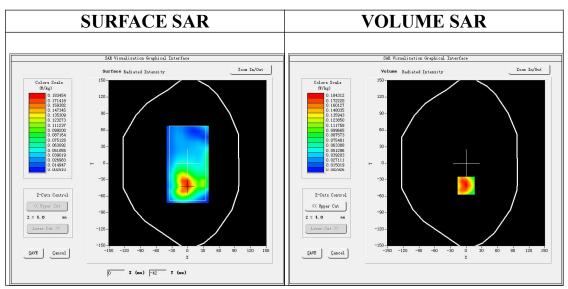
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 4 Mid-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 4 Mid-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

Area Scan	surf_sam_plan.txt, h= 5.00 mm			
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm			
Phantom	Validation plane			
Device Position	Body Back			
Band	LTE Band 4			
Channels	Middle			
Signal	OFDM (Crest factor: 1.0)			

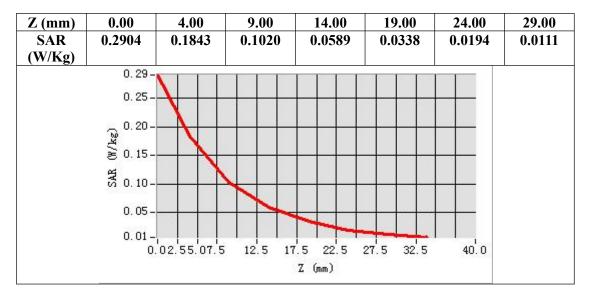


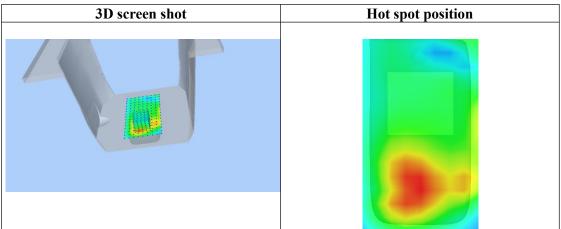
Maximum location: X=0.00, Y=-41.00 SAR Peak: 0.29 W/kg

SAR 10g (W/Kg)	0.100520		
SAR 1g (W/Kg)	0.178155		











Page 191 of 251

Test Laboratory: AGC Lab Date: Jan. 03, 2024

LTE Band 5 Mid-Touch-Right (1 RB#0) DUT: smartphone; Type: X23

Communication System: LTE; Communication System Band: LTE Band 5; Duty Cycle:1:1; Conv.F=2.02 Frequency: 836.5 MHz; Medium parameters used: f = 835 MHz; $\sigma = 0.94$ mho/m; $\epsilon = 40.67$; $\rho = 1000$ kg/m³;

Phantom section: Right Section

Ambient temperature ($^{\circ}$): 21.1, Liquid temperature ($^{\circ}$): 20.8

SATIMO Configuration:

Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414

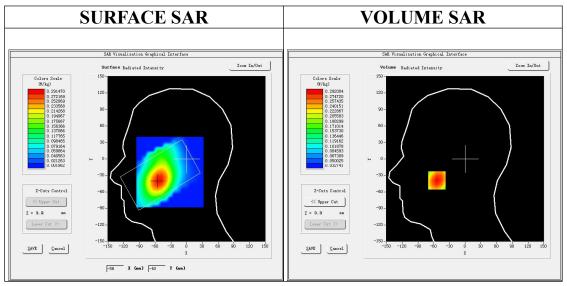
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4 02 35

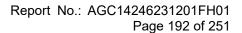
Configuration/ LTE Band 5 Mid- Touch-Right /Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 5 Mid- Touch-Right /Zoom Scan: Measurement grid: dx=8mm, dy=8mm, dz=5mm;

Area Scan	dx=8mm dy=8mm, h= 5.00 mm			
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm			
Phantom	Right head			
Device Position	Cheek			
Band	LTE Band 5			
Channels	Middle			
Signal	OFDM (Crest factor: 1.0)			

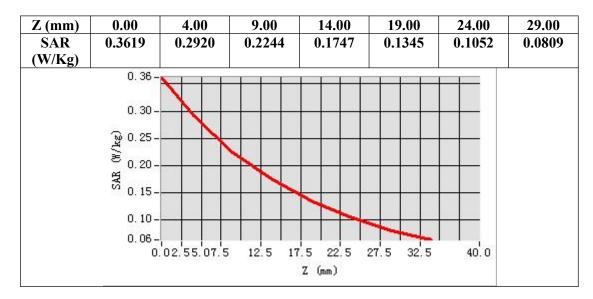


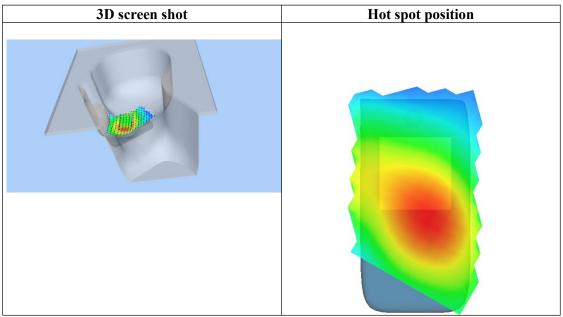
Maximum location: X=-54.00, Y=-39.00 SAR Peak: 0.37 W/kg

SAR 10g (W/Kg)	0.205241
SAR 1g (W/Kg)	0.282580











Date: Jan. 03, 2024

Page 193 of 251

Test Laboratory: AGC Lab LTE Band 5 Mid-Body-Back (1 RB#0)

DUT: smartphone; Type: X23

Communication System: LTE; Communication System Band: LTE Band 5; Duty Cycle:1:1; Conv.F=2.02 Frequency:836.5 MHz; Medium parameters used: f = 835 MHz; $\sigma = 0.94$ mho/m; $\epsilon r = 40.67$; $\rho = 1000$ kg/m³;

Phantom section: Flat Section

Ambient temperature (°C): 21.1, Liquid temperature (°C): 20.8

SATIMO Configuration:

Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414

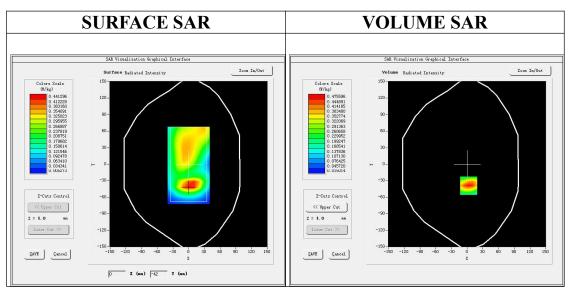
• Sensor-Surface: 4mm (Mechanical Surface Detection)

• Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 5 Mid-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 5 Mid-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

Area Scan	surf_sam_plan.txt, h= 5.00 mm			
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm			
Phantom	Validation plane			
Device Position	Body Back			
Band	LTE Band 5			
Channels	Middle			
Signal	OFDM (Crest factor: 1.0)			

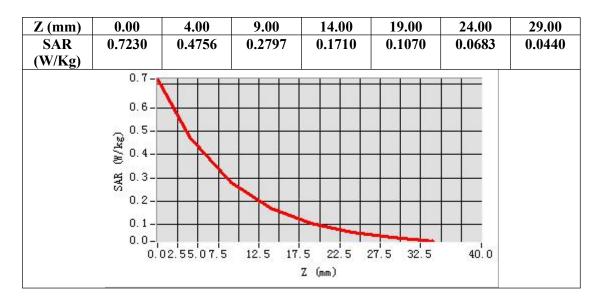


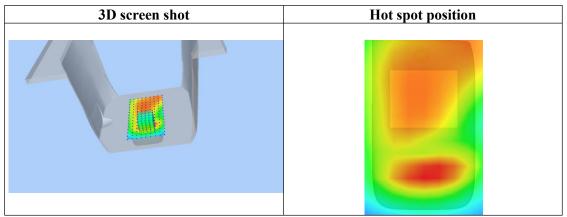
Maximum location: X=3.00, Y=-39.00 SAR Peak: 0.73 W/kg

SAR 10g (W/Kg)	0.250293		
SAR 1g (W/Kg)	0.451471		











Page 195 of 251

Test Laboratory: AGC Lab Date: Jan. 04, 2024

LTE Band 12 Mid-Touch-Right (1 RB#0)

DUT: smartphone; Type: X23

Communication System: LTE; Communication System Band: LTE Band 12; Duty Cycle:1:1; Conv.F=1.95 Frequency: 707.5 MHz; Medium parameters used: f = 750 MHz; $\sigma = 0.85$ mho/m; $\epsilon = 44.36$; $\rho = 1000$ kg/m³;

Phantom section: Right Section

Ambient temperature ($^{\circ}$): 21.5, Liquid temperature ($^{\circ}$): 21.3

SATIMO Configuration:

Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414

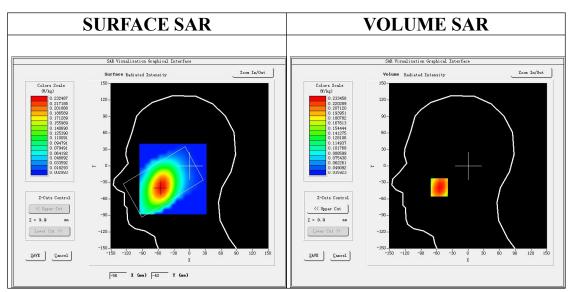
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 12 Mid- Touch-Right /Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 12 Mid- Touch-Right /Zoom Scan: Measurement grid: dx=8mm, dy=8mm, dz=5mm;

Area Scan	dx=8mm dy=8mm, h= 5.00 mm			
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm			
Phantom	Right head			
Device Position	Cheek			
Band	LTE Band 12			
Channels	Middle			
Signal	OFDM (Crest factor: 1.0)			

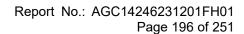


Maximum location: X=-55.00, Y=-39.00

SAR Peak: 0.28 W/kg
SAR 10g (W/Kg) 0.1

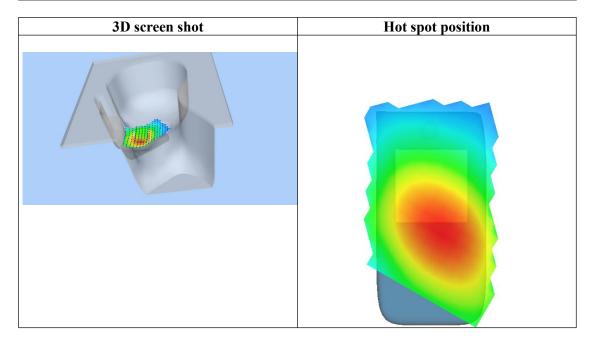
SAR 10g (W/Kg)	0.179264		
SAR 1g (W/Kg)	0.232423		

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.





Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2730	0.2335	0.1930	0.1591	0.1324	0.1081	0.0881
	0. 273 0. 250						•
	0. 225						
	(200 200 ± 0. 175						
	ජූ 0.150		+N				
	0. 125 0. 100						
	0.070				1/		
		0.'02.'55.'07.'	5 12.5 1	7.5 22.5 Z (mm)	27.5 32.5	40.0	





Page 197 of 251

Test Laboratory: AGC Lab Date: Jan. 04, 2024

LTE Band 12 Mid-Body-Back (1 RB#0)DUT: smartphone; Type: X23

Communication System: LTE; Communication System Band: LTE Band 12; Duty Cycle:1:1; Conv.F=1.95; Frequency: 707.5 MHz; Medium parameters used: f = 750 MHz; $\sigma = 0.85$ mho/m; $\epsilon = 44.36$; $\rho = 1000$ kg/m³;

Phantom section: Flat Section

Ambient temperature ($^{\circ}$): 21.5, Liquid temperature ($^{\circ}$): 21.3

SATIMO Configuration:

Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414

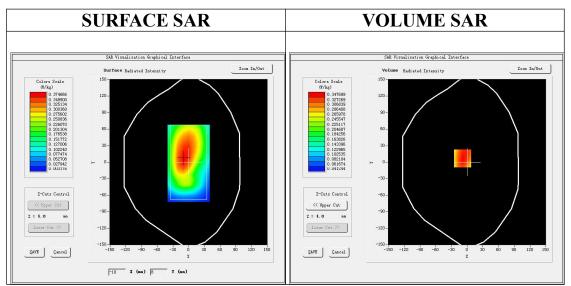
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 12 Mid-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 12 Mid-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

Area Scan	surf_sam_plan.txt, h= 5.00 mm			
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm			
Phantom	Validation plane			
Device Position	Body Back			
Band	LTE Band 12			
Channels	Middle			
Signal	OFDM (Crest factor: 1.0)			



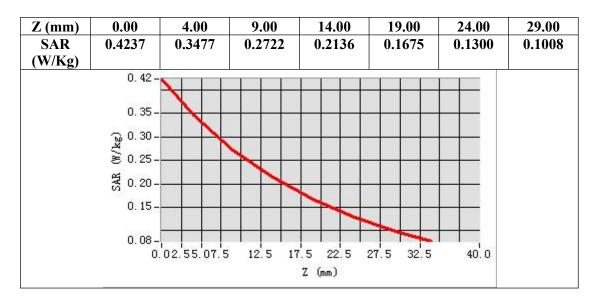
Maximum location: X=-9.00, Y=7.00 SAR Peak: 0.43 W/kg

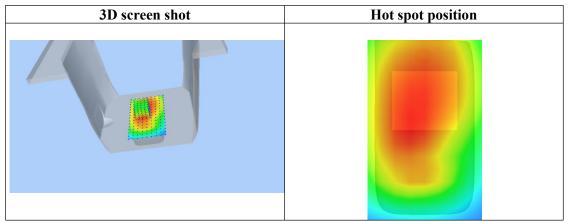
SAR 10g (W/Kg)	0.258762
SAR 1g (W/Kg)	0.344978

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.











Page 199 of 251

Test Laboratory: AGC Lab Date: Jan. 04, 2024

LTE Band 13 Mid-Touch-Right (1 RB#0)

DUT: smartphone; Type: X23

Communication System: LTE; Communication System Band: LTE Band 13; Duty Cycle:1:1; Conv.F=1.95 Frequency: 782 MHz; Medium parameters used: f = 750 MHz; $\sigma = 0.91$ mho/m; $\epsilon = 41.63$; $\rho = 1000$ kg/m³;

Phantom section: Right Section

Ambient temperature ($^{\circ}$): 21.5, Liquid temperature ($^{\circ}$): 21.3

SATIMO Configuration:

Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414

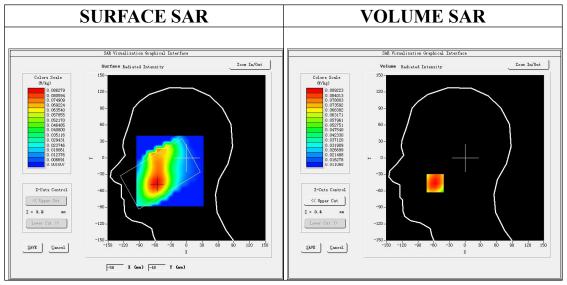
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4 02 35

Configuration/ LTE Band 13 Mid- Touch-Right /Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 13 Mid- Touch-Right /Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 13
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

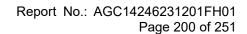


Maximum location: X=-57.00, Y=-46.00

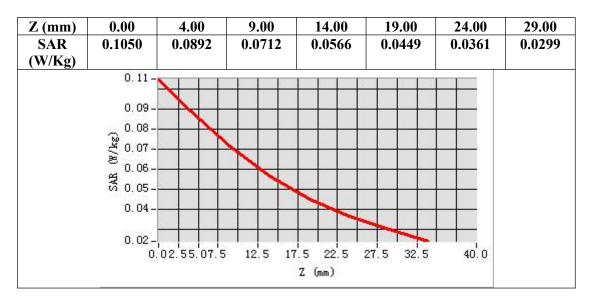
SAR Peak: 0.11 W/kg

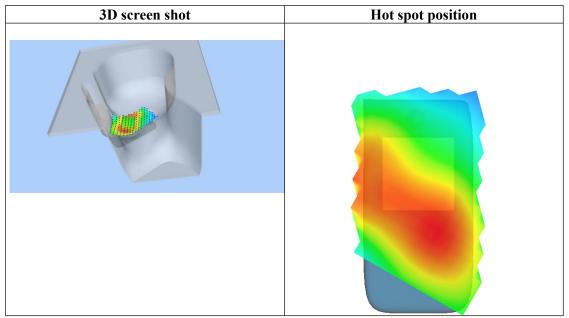
SAR 10g (W/Kg)	0.066366
SAR 1g (W/Kg)	0.086121

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.











Date: Jan. 04, 2024

Page 201 of 251

Test Laboratory: AGC Lab

LTE Band 13 Mid-Body-Back (1 RB#0)DUT: smartphone; Type: X23

Communication System: LTE; Communication System Band: LTE Band 13; Duty Cycle:1:1; Conv.F=1.95; Frequency: 782 MHz; Medium parameters used: f = 750 MHz; $\sigma = 0.91$ mho/m; $\epsilon = 41.63$; $\rho = 1000$ kg/m³;

Phantom section: Flat Section

Ambient temperature ($^{\circ}$ C): 21.5, Liquid temperature ($^{\circ}$ C): 21.3

SATIMO Configuration:

Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414

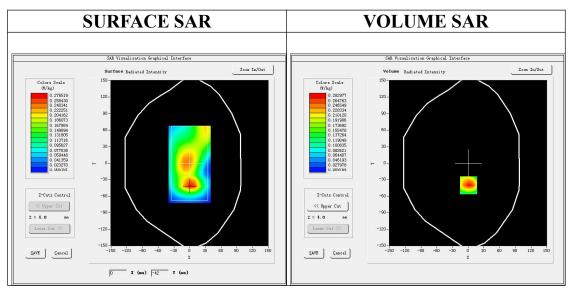
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4 02 35

Configuration/ LTE Band 13 Mid-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 13 Mid-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

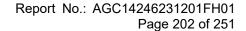
Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band 13
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



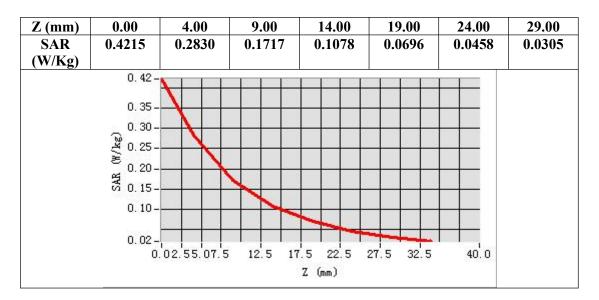
Maximum location: X=1.00, Y=-40.00 SAR Peak: 0.43 W/kg

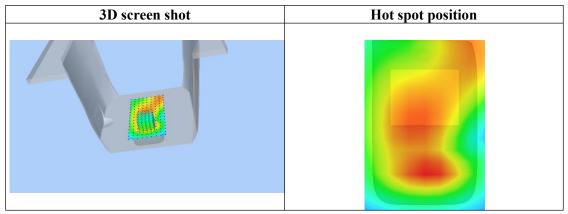
SAR 10g (W/Kg)	0.154931
SAR 1g (W/Kg)	0.268446

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.











Page 203 of 251

Test Laboratory: AGC Lab Date: Jan. 08, 2024

LTE Band 25 Mid-Touch-Right (1 RB#0)

DUT: smartphone; Type: X23

Communication System: LTE; Communication System Band: LTE Band 25; Duty Cycle:1:1; Conv.F=2.15; Frequency:1882.5MHz; Medium parameters used: f = 1900 MHz; $\sigma = 1.34 \text{ mho/m}$; $\epsilon = 40.13$; $\rho = 1000 \text{ kg/m}^3$;

Phantom section: Right Section

Ambient temperature (°C): 20.9, Liquid temperature (°C): 20.4

SATIMO Configuration:

Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414

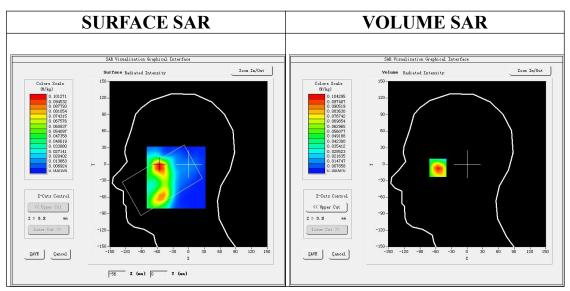
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 25 Mid- Touch-Right /Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 25 Mid- Touch-Right /Zoom Scan: Measurement grid: dx=8mm, dy=8mm, dz=5mm;

Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 25
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



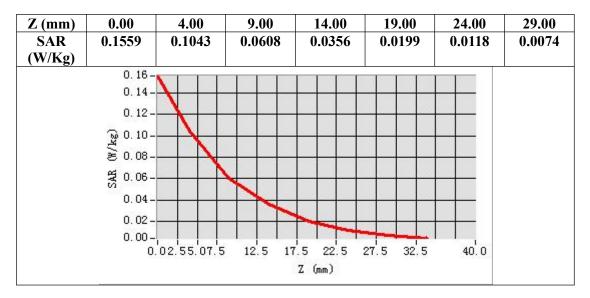
Maximum location: X=-56.00, Y=-3.00 SAR Peak: 0.16 W/kg

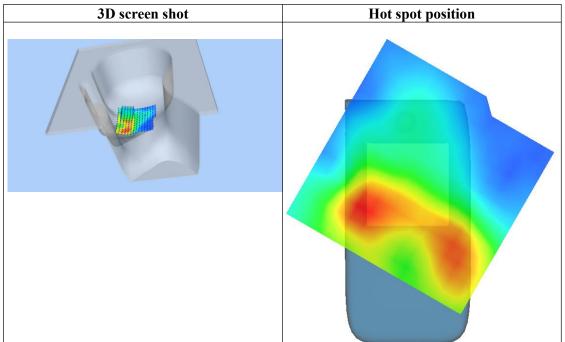
SAR 10g (W/Kg)	0.053861
SAR 1g (W/Kg)	0.097524

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.











Page 205 of 251

Test Laboratory: AGC Lab

Date: Jan. 08, 2024

LTE Band 25 Mid-Body-Back (1 RB#0)DUT: smartphone; Type: X23

Communication System: LTE; Communication System Band: LTE Band 25; Duty Cycle:1:1; Conv.F=2.15; Frequency:1882.5MHz; Medium parameters used: f = 1900 MHz; $\sigma = 1.34 \text{ mho/m}$; $\epsilon = 40.13$; $\rho = 1000 \text{ kg/m}^3$;

Phantom section: Flat Section

Ambient temperature (°C): 20.9, Liquid temperature (°C): 20.4

SATIMO Configuration:

Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414

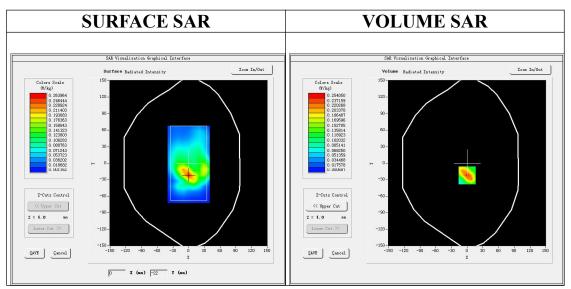
• Sensor-Surface: 4mm (Mechanical Surface Detection)

• Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 25 Mid-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 25 Mid-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band 25
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=0.00, Y=-22.00 SAR Peak: 0.41 W/kg

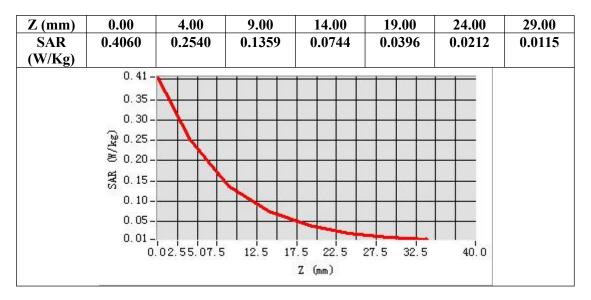
SAR 10g (W/Kg)	0.119172
SAR 1g (W/Kg)	0.237009

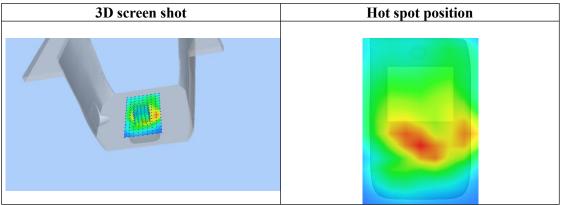
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

Web: http://www.agccert.com/











Page 207 of 251

Test Laboratory: AGC Lab Date: Jan. 03, 2024

LTE Band 26A Mid-Touch-Right (1 RB#0)

DUT: smartphone; Type: X23

Communication System: LTE; Communication System Band: LTE Band 26A; Duty Cycle:1:1; Conv.F=2.02 Frequency: 836.5 MHz; Medium parameters used: f = 835 MHz; $\sigma = 0.94$ mho/m; $\epsilon = 40.67$; $\rho = 1000$ kg/m³;

Phantom section: Right Section

Ambient temperature ($^{\circ}$): 21.1, Liquid temperature ($^{\circ}$): 20.8

SATIMO Configuration:

Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414

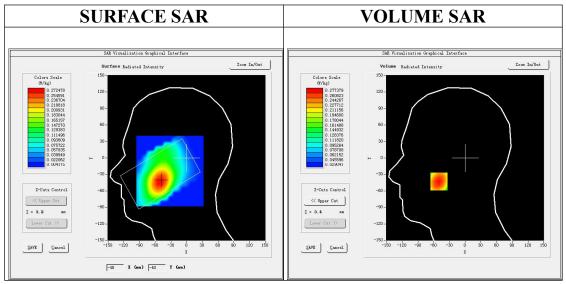
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 26A Mid- Touch-Right /Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 26A Mid- Touch-Right /Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

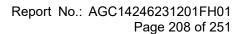
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 26A
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



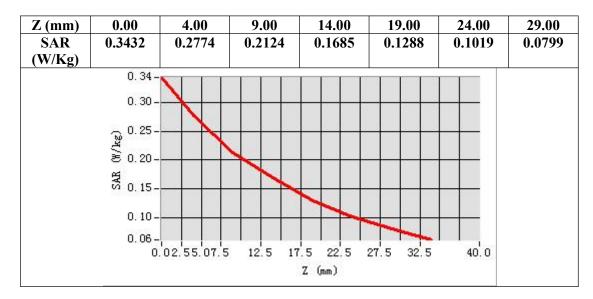
Maximum location: X=-50.00, Y=-43.00 SAR Peak: 0.35 W/kg

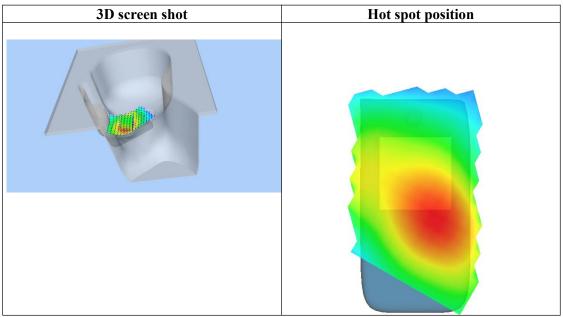
SAR 10g (W/Kg)	0.195145
SAR 1g (W/Kg)	0.268893

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.











Page 209 of 251

Test Laboratory: AGC Lab Date: Jan. 03, 2024

LTE Band 26A Mid-Body-Back (1 RB#0)DUT: smartphone; Type: X23

Communication System: LTE; Communication System Band: LTE Band 26A; Duty Cycle:1:1; Conv.F=2.02 Frequency:836.5 MHz; Medium parameters used: f = 835 MHz; $\sigma = 0.94$ mho/m; $\epsilon = 40.67$; $\rho = 1000$ kg/m³;

Phantom section: Flat Section

Ambient temperature ($^{\circ}$): 21.1, Liquid temperature ($^{\circ}$): 20.8

SATIMO Configuration:

Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414

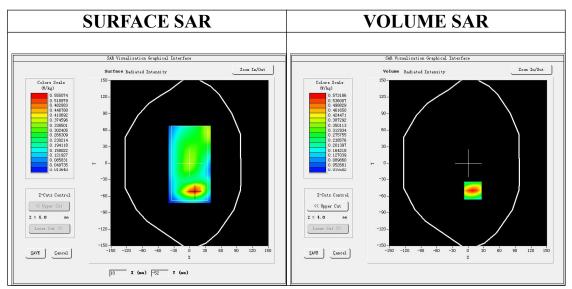
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4 02 35

Configuration/ LTE Band 26A Mid-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 26A Mid-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band 26A
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

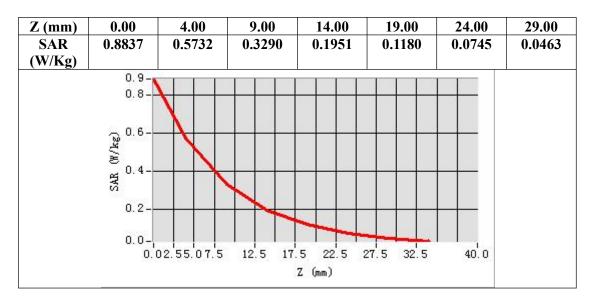


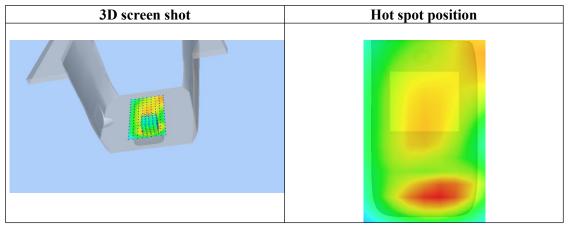
Maximum location: X=9.00, Y=-50.00 SAR Peak: 0.88 W/kg

SAR 10g (W/Kg)	0.291143
SAR 1g (W/Kg)	0.537568











Date: Jan. 03, 2024

Page 211 of 251

Test Laboratory: AGC Lab

LTE Band 26B Mid-Touch-Right (1 RB#0)

DUT: smartphone; Type: X23

Communication System: LTE; Communication System Band: LTE Band 26B; Duty Cycle:1:1; Conv.F=2.02 Frequency: 819 MHz; Medium parameters used: f = 835 MHz; $\sigma = 0.89$ mho/m; $\epsilon = 43.26$; $\rho = 1000$ kg/m³;

Phantom section: Right Section

Ambient temperature ($^{\circ}$): 21.1, Liquid temperature ($^{\circ}$): 20.8

SATIMO Configuration:

Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414

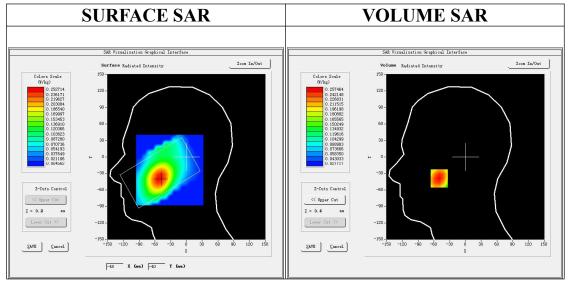
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_35

Configuration/ LTE Band 26B Mid- Touch-Right /Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 26B Mid- Touch-Right /Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 26B
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



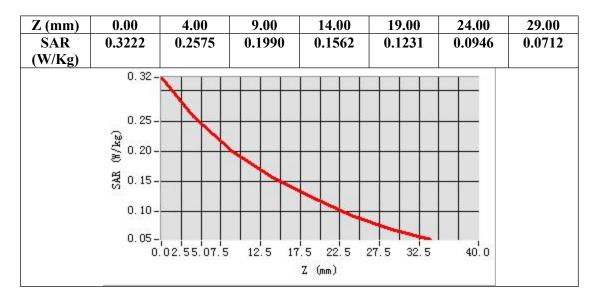
Maximum location: X=-50.00, Y=-39.00 SAR Peak: 0.32 W/kg

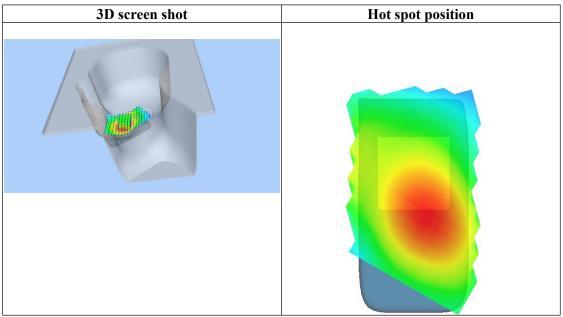
SAR 10g (W/Kg)	0.182388
SAR 1g (W/Kg)	0.250392

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.











Page 213 of 251

Test Laboratory: AGC Lab Date: Jan. 03, 2024

LTE Band 26B Mid-Body-Back (1 RB#0)DUT: smartphone; Type: X23

Communication System: LTE; Communication System Band: LTE Band 26B; Duty Cycle:1:1; Conv.F=2.02 Frequency:819 MHz; Medium parameters used: f = 835 MHz; $\sigma = 0.89$ mho/m; $\epsilon r = 43.26$; $\rho = 1000$ kg/m³;

Phantom section: Flat Section

Ambient temperature (°C): 21.1, Liquid temperature (°C): 20.8

SATIMO Configuration:

Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414

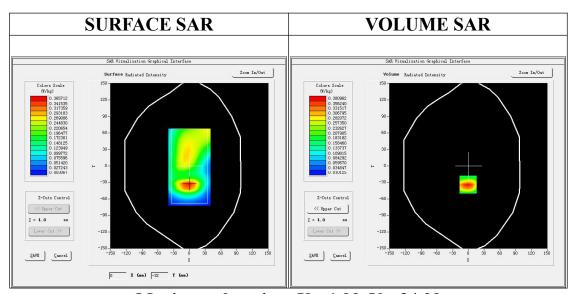
• Sensor-Surface: 4mm (Mechanical Surface Detection)

• Phantom: SAM twin phantom

Measurement SW: OpenSAR V4 02 35

Configuration/ LTE Band 26B Mid-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 26B Mid-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band 26B
Channels	Middle
Signal	OFDM (Crest factor: 1.0)



Maximum location: X=-1.00, Y=-34.00

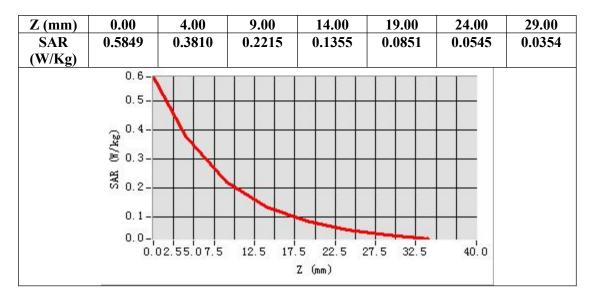
SAR Peak: 0.58 W/kg

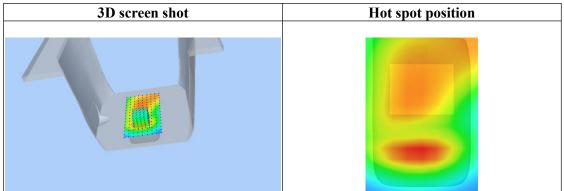
SAR 10g (W/Kg)	0.201071
SAR 1g (W/Kg)	0.360887

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.











Page 215 of 251

Test Laboratory: AGC Lab Date: Jan. 05, 2024

LTE Band 41 Mid-Touch-Right (1RB#0) DUT: smartphone; Type: X23

Communication System: LTE; Communication System Band: LTE Band 41; Duty Cycle:1:1.58; Conv.F=2.13 Frequency: 2593MHz; Medium parameters used: f = 2600 MHz; $\sigma = 1.96 \text{ mho/m}$; $\epsilon r = 39.66$; $\rho = 1000 \text{ kg/m}^3$;

Phantom section: Right Section

Ambient temperature (°C): 21.4, Liquid temperature (°C): 21.2

SATIMO Configuration:

Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414

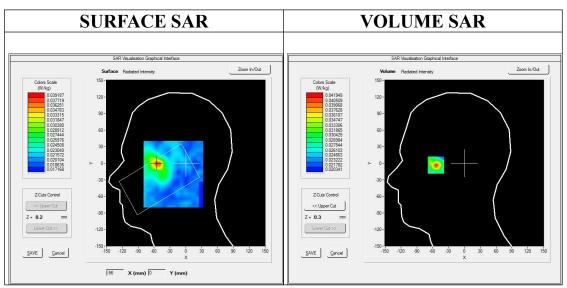
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_35

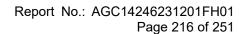
Configuration/ LTE BAND 41 Mid-Touch-Right/Area Scan: Measurement grid: dx=8mm, y=8mm Configuration/ LTE BAND 41 Mid-Touch-Right/Zoom Scan: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Area Scan	dx=8mm dy=8mm, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE BAND 41
Channels	Middle
Signal	OFDM (Crest factor: 1.58)

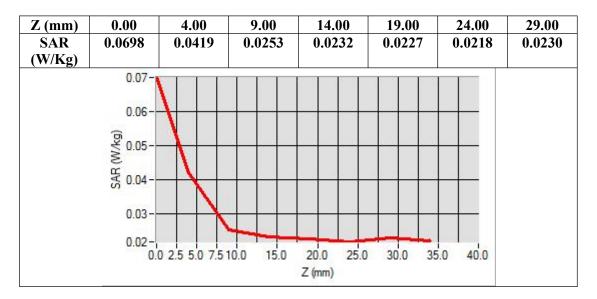


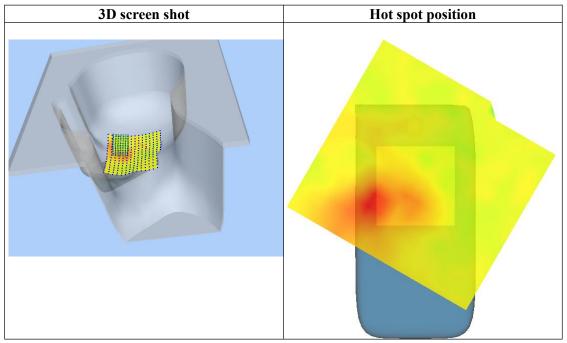
Maximum location: X=-54.00, Y=-1.00 SAR Peak: 0.07 W/kg

SAR 10g (W/Kg)	0.027963
SAR 1g (W/Kg)	0.040479











Page 217 of 251

Test Laboratory: AGC Lab Date: Jan. 05, 2024

LTE Band 41 Mid-Body-Back(1RB#0) DUT: smartphone; Type: X23

Communication System: LTE; Communication System Band: LTE Band 41; Duty Cycle:1:1.58; Conv.F=2.13 Frequency: 2593MHz; Medium parameters used: f =2600 MHz; σ =1.96 mho/m; ϵ r =39.66; ρ = 1000 kg/m³;

Phantom section: Flat Section

Ambient temperature (°C): 21.4, Liquid temperature (°C): 21.2

SATIMO Configuration:

Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414

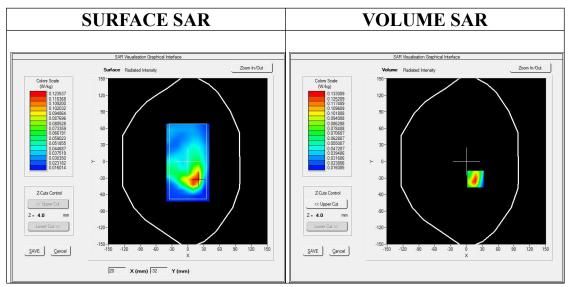
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4 02 35

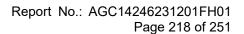
Configuration/ LTE BAND 41 Mid-Body-Back /Area Scan: Measurement grid: dx=10mm, y=10mm Configuration/ LTE BAND 41 Mid-Body-Back /Zoom Scan: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Area Scan	surf_sam_plan.txt, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE BAND 41
Channels	Middle
Signal	OFDM (Crest factor: 1.58)

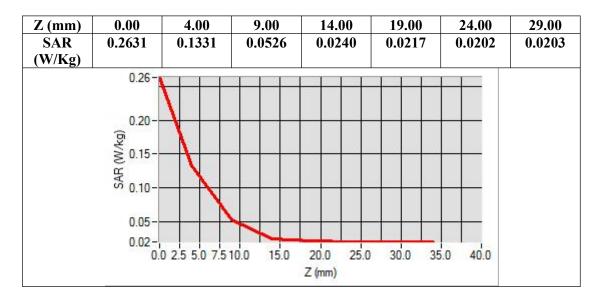


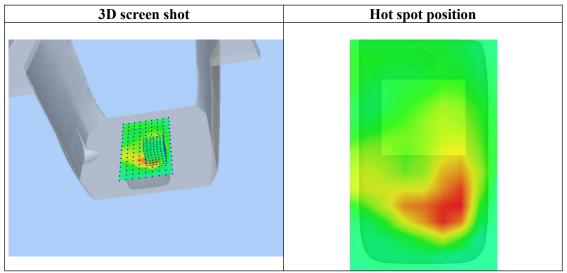
Maximum location: X=17.00, Y=-32.00 SAR Peak: 0.27 W/kg

SAR 10g (W/Kg)	0.058722
SAR 1g (W/Kg)	0.126203











Page 219 of 251

Test Laboratory: AGC Lab Date: Jan. 04, 2024

LTE Band 71 Mid-Touch-Right (1 RB#0)

DUT: smartphone; Type: X23

Communication System: LTE; Communication System Band: LTE Band 71; Duty Cycle:1:1; Conv.F=1.95 Frequency: 683 MHz; Medium parameters used: f = 750 MHz; $\sigma = 0.82$ mho/m; $\epsilon = 45.79$; $\rho = 1000$ kg/m³;

Phantom section: Right Section

Ambient temperature ($^{\circ}$): 21.5, Liquid temperature ($^{\circ}$): 21.3

SATIMO Configuration:

Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414

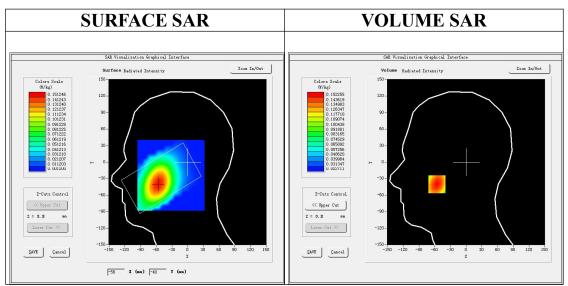
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_35

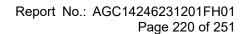
Configuration/ LTE Band 71 Mid- Touch-Right /Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 71 Mid- Touch-Right /Zoom Scan: Measurement grid: dx=8mm, dy=8mm, dz=5mm;

Area Scan	dx=8mm dy=8mm, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 71
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

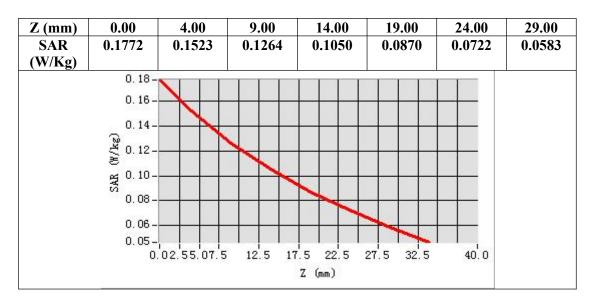


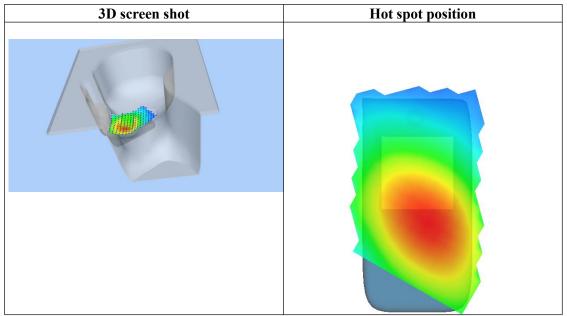
Maximum location: X=-56.00, Y=-40.00 SAR Peak: 0.18 W/kg

SAR 10g (W/Kg)	0.119639
SAR 1g (W/Kg)	0.153965











Date: Jan. 04, 2024

Page 221 of 251

Test Laboratory: AGC Lab

LTE Band 71 Mid-Body-Back (1 RB#0)
DUT: smartphone; Type: X23

Communication System: LTE; Communication System Band: LTE Band 71; Duty Cycle:1:1; Conv.F=1.95; Frequency: 683 MHz; Medium parameters used: f = 750 MHz; $\sigma = 0.82$ mho/m; $\epsilon = 45.79$; $\rho = 1000$ kg/m³;

Phantom section: Flat Section

Ambient temperature ($^{\circ}$): 21.5, Liquid temperature ($^{\circ}$): 21.3

SATIMO Configuration:

Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414

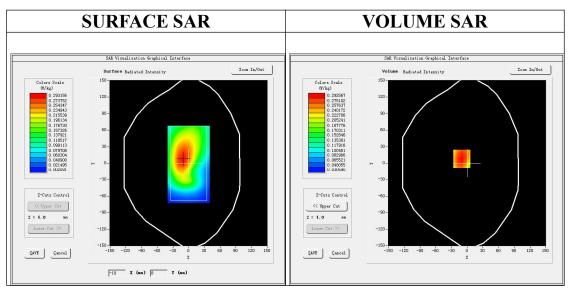
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_35

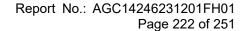
Configuration/ LTE Band 71 Mid-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/ LTE Band 71 Mid-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

Area Scan	surf_sam_plan.txt, h= 5.00 mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band 71
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

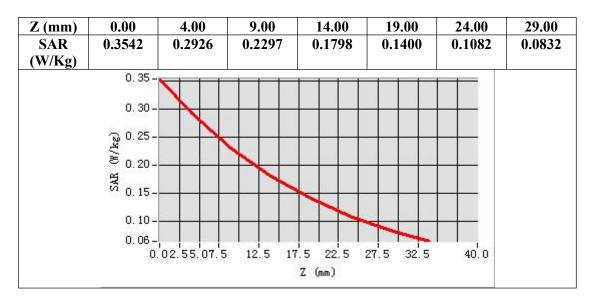


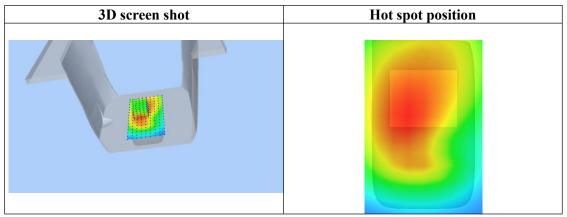
Maximum location: X=-10.00, Y=8.00 SAR Peak: 0.36 W/kg

SAR 10g (W/Kg)	0.218203
SAR 1g (W/Kg)	0.294186











Page 223 of 251

WIFI MODE

Test Laboratory: AGC Lab Date: Jan. 06, 2024

802.11b Mid-Touch-Right DUT: smartphone; Type: X23

Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1; Conv.F=2.29; Frequency: 2437 MHz; Medium parameters used: f = 2450 MHz; $\sigma = 1.80 \text{mho/m}$; $\epsilon r = 40.66 \rho = 1000 \text{ kg/m}^3$;

Phantom section: Right Section

Ambient temperature ($^{\circ}$):21.2, Liquid temperature ($^{\circ}$): 20.8

SATIMO Configuration:

• Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414

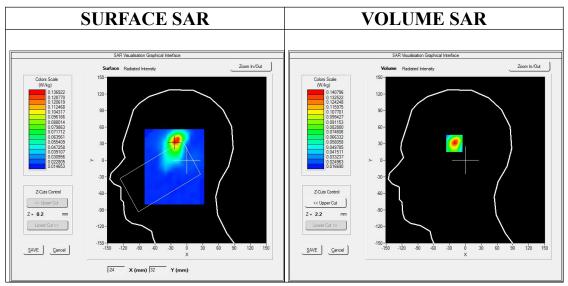
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_35

Configuration/802.11b Mid-Touch-Right/Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/802.11b Mid-Touch-Right/Zoom Scan: Measurement grid: dx=5mm,dy=5mm, dz=5mm

Area Scan	dx=8mm dy=8mm, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	2450MHz
Channels	Middle
Signal	Crest factor: 1.0

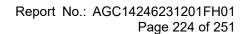


Maximum location: X=-21.00, Y=34.00

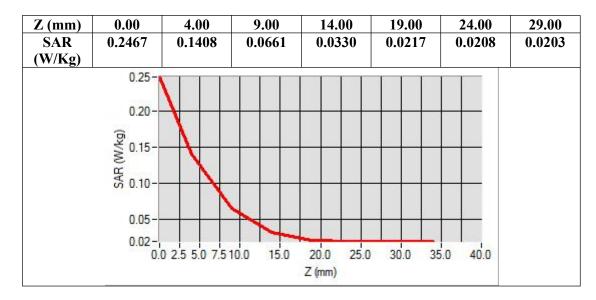
SAR Peak: 0.26 W/kg

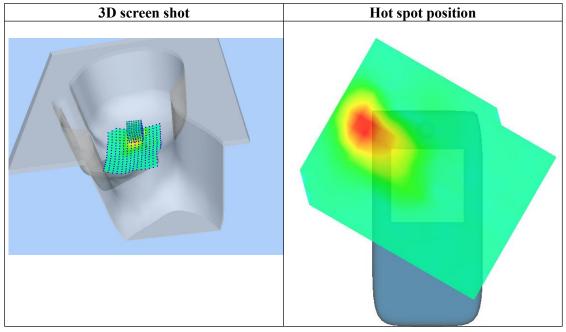
SAR 10g (W/Kg)	0.062387				
SAR 1g (W/Kg)	0.132051				

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.











Date: Jan. 06, 2024

Page 225 of 251

Test Laboratory: AGC Lab 802.11b Mid-Body-Worn- Back DUT: smartphone; Type: X23

Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1; Conv.F=2.29; Frequency: 2437 MHz; Medium parameters used: f = 2450 MHz; $\sigma = 1.80 \text{mho/m}$; $\epsilon = 40.66$; $\rho = 1000 \text{ kg/m}^3$;

Phantom section: Flat Section

Ambient temperature ($^{\circ}$):21.2, Liquid temperature ($^{\circ}$): 20.8

SATIMO Configuration:

Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414

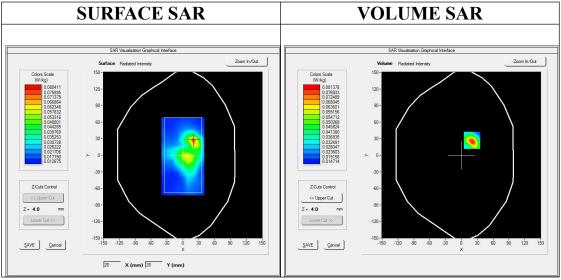
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4 02 35

Configuration/802.11b Mid- Body- Back /Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/802.11b Mid- Body- Back /Zoom Scan: Measurement grid: dx=5mm,dy=5mm, dz=5mm;

Area Scan	surf_sam_plan.txt, h= 5.00 mm
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	2450MHz
Channels	Middle
Signal	Crest factor: 1.0



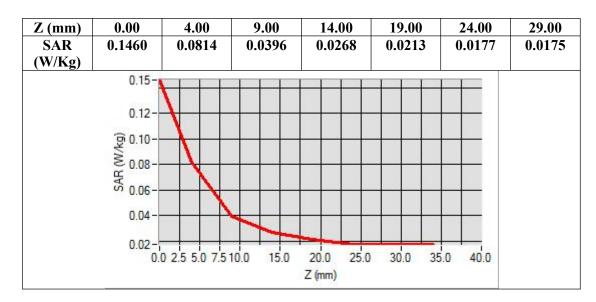
Maximum location: X=20.00, Y=27.00

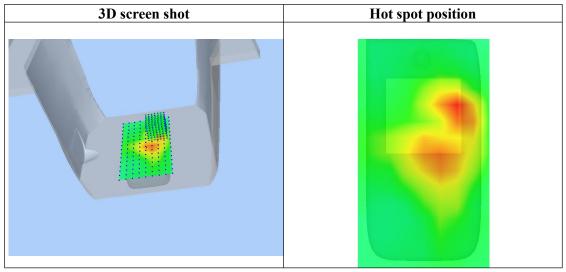
SAR Peak: 0.15 W/kg

SAR 10g (W/Kg)	0.039582				
SAR 1g (W/Kg)	0.077859				











Page 227 of 251

5.2GHz 802.11a

Test Laboratory: AGC Lab Date: Jan. 09, 2024

802.11a CH40- Touch-Right DUT: smartphone; Type: X23

Communication System: Wi-Fi; Communication System Band: 802.11a; Duty Cycle: 1:1; Conv.F=1.35; Frequency: 5200MHz; Medium parameters used: f = 5200~MHz; $\sigma = 4.63mho/m$; $\epsilon = 36.17$; $\rho = 1000~kg/m^3$;

Phantom section: Flat Section

Ambient temperature (°C): 20.9, Liquid temperature (°C): 20.8

SATIMO Configuration:

• Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414

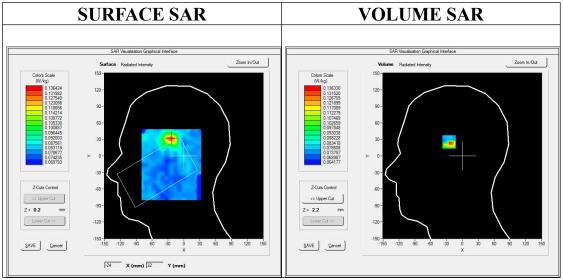
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

Measurement SW: OpenSAR V4 02 35

Configuration/802.11a CH40- Touch-Right /Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/802.11a CH40- Touch-Right /Zoom Scan: Measurement grid: dx=4mm,dy=4mm, dz=2mm

Area Scan	dx=8mm dy=8mm, h= 5.00 mm						
ZoomScan	7x7x12 dx=4mm dy=4mm dz=2mm						
Phantom	Right head						
Device Position	Cheek						
Band	5200MHz						
Channels	CH40						
Signal	Crest factor: 1.0						



Maximum location: X=-25.00, Y=31.00 SAR Peak: 0.35 W/kg

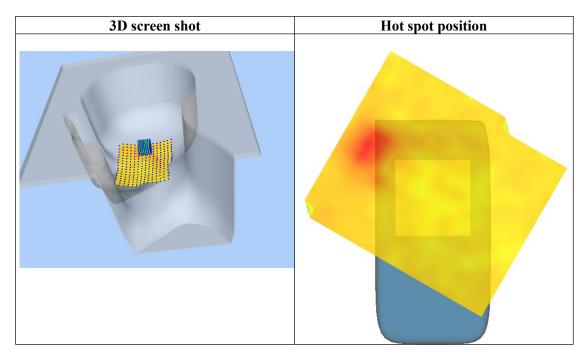
SAR 10g (W/Kg)	0.092148			
SAR 1g (W/Kg)	0.125673			

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.





Z (mm)	0.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00
SAR	0.331	0.136	0.071	0.080	0.074	0.078	0.079	0.079	0.082	0.082	0.078	0.085
(W/K	7	3	4	3	2	6	7	8	2	8	2	4
g)												
		0.33		8			1 1					
		0.30	-	- 3	-	-	+++	_		-		
		@ 0.25					1 1					
		(6 VX) 0.20	l N									
		SAR										
		0.15		1			\perp					
		0.10		1			+ +		Line William			
		0.07		N N	_	-						
			0 2	4 6	8	10 12	14 16	18 2	0 22	24 26		
						Z (n	nm)					





Page 229 of 251

Test Laboratory: AGC Lab
802.11a CH40-Body -back
Date: Jan. 09, 2024

DUT: smartphone; Type: X23

Communication System: Wi-Fi; Communication System Band: 802.11a; Duty Cycle: 1:1; Conv.F=2.35; Frequency: 5210MHz; Medium parameters used: f = 5200 MHz; $\sigma = 4.63 \text{mho/m}$; $\epsilon = 36.17$; $\rho = 1000 \text{ kg/m}^3$;

Phantom section: Flat Section

Ambient temperature (°C): 20.9, Liquid temperature (°C): 20.8

SATIMO Configuration:

Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414

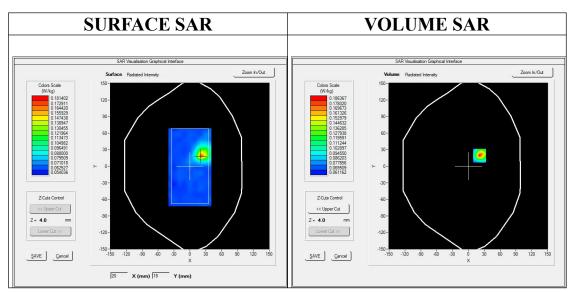
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

Measurement SW: OpenSAR V4_02_35

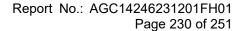
Configuration/802.11a CH40- Body -back /Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/802.11a CH40- Body -back /Zoom Scan: Measurement grid: dx=4mm,dy=4mm, dz=2mm

Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	7x7x12 dx=4mm dy=4mm dz=2mm
Phantom	Validation plane
Device Position	Body -back
Band	5200MHz
Channels	CH40
Signal	Crest factor: 1.0

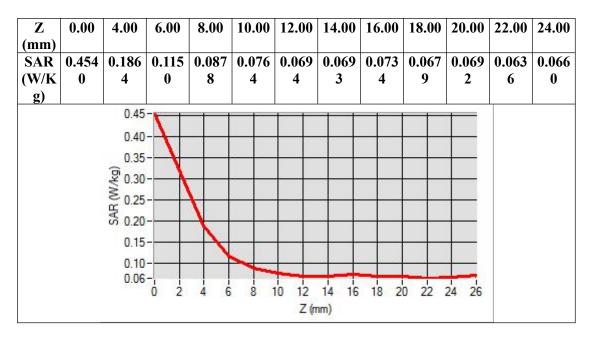


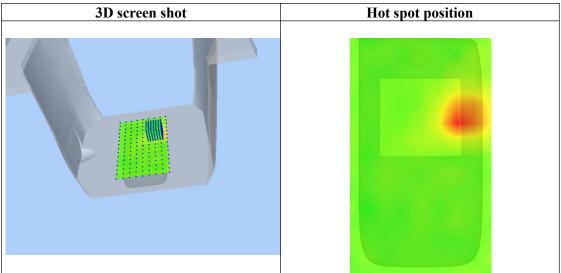
Maximum location: X=21.00, Y=19.00 SAR Peak: 0.44 W/kg

SAR 10g (W/Kg)	0.098415				
SAR 1g (W/Kg)	0.178025				











Page 231 of 251

5.3GHz 802.11a

Test Laboratory: AGC Lab Date: Jan. 11, 2024

802.11a CH60-Touch-Right DUT: smartphone; Type: X23

Communication System: Wi-Fi; Communication System Band: 802.11a; Duty Cycle: 1:1; Conv.F=1.35; Frequency: 5300MHz; Medium parameters used: f = 5300 MHz; $\sigma = \delta 0Smho/m$; $\epsilon r = \epsilon r 0S$; $\rho = 1000 kg/m^3$;

Phantom section: Right Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.1

SATIMO Configuration:

• Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414

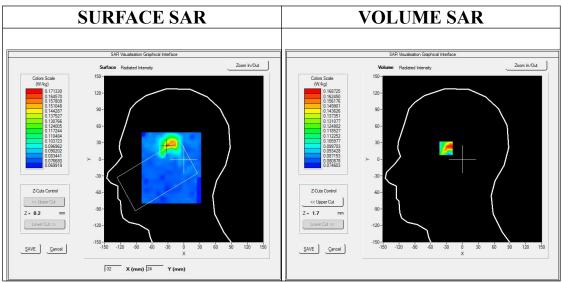
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

Measurement SW: OpenSAR V4 02 35

Configuration/802.11a CH60- Touch-Right /Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/802.11a CH60- Touch-Right /Zoom Scan: Measurement grid: dx=4mm,dy=4mm, dz=2mm

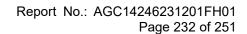
Area Scan	dx=8mm dy=8mm, h= 5.00 mm
ZoomScan	7x7x12 dx=4mm dy=4mm dz=2mm
Phantom	Right head
Device Position	Cheek
Band	5300MHz
Channels	CH60
Signal	Crest factor: 1.0



Maximum location: X=-31.00, Y=25.00 SAR Peak: 0.36 W/kg

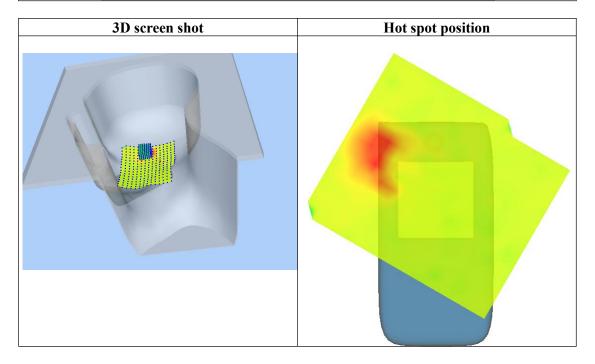
 	<u> </u>
SAR 10g (W/Kg)	0.111281
SAR 1g (W/Kg)	0.169133

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.





Z (mm)	0.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00
SAR	0.399	0.168	0.086	0.091	0.081	0.079	0.081	0.081	0.083	0.081	0.083	0.084
(W/K g)	8	7	5	5	0	9	1	3	6	7	9	0
		0.40 0.35 0.30 0.25 VW 0.20 0.15 0.08	1	4 6	8	10 12 Z (n	14 16 nm)	18 2	0 22	24 26		





Page 233 of 251

Test Laboratory: AGC Lab Date: Jan. 11, 2024

802.11a CH60-Body -back DUT: smartphone; Type: X23

Communication System: Wi-Fi; Communication System Band: 802.11a; Duty Cycle: 1:1; Conv.F=1.35; Frequency: 5300 MHz; Medium parameters used: f = 5300 MHz; $\sigma = \delta 0 Smho/m$; $\epsilon r = \epsilon r 0 S$; $\rho = 1000 kg/m^3$;

Phantom section: Flat Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.1

SATIMO Configuration:

Probe: SSE2; Calibrated: May 31, 2023; Serial No.: 2023-EPGO-414

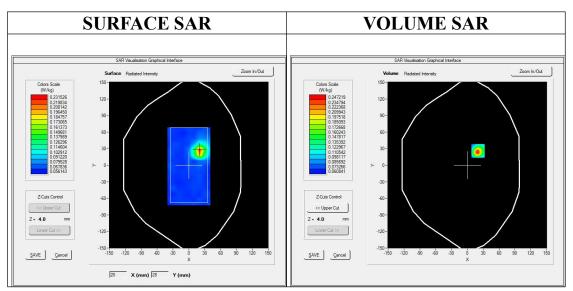
• Sensor-Surface: 4mm (Mechanical Surface Detection)

· Phantom: SAM twin phantom

• Measurement SW: OpenSAR V4 02 35

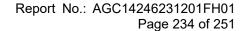
Configuration/802.11a CH60- Body -back /Area Scan: Measurement grid: dx=8mm, dy=8mm Configuration/802.11a CH60- Body -back /Zoom Scan: Measurement grid: dx=4mm,dy=4mm, dz=2mm

Area Scan	sam_direct_droit2_surf8mm.txt 7x7x12 dx=4mm dy=4mm dz=2mm					
ZoomScan						
Phantom	Validation plane					
Device Position	Body -back					
Band	5300MHz					
Channels	CH60					
Signal	Crest factor: 1.0					



Maximum location: X=20.00, Y=26.00 SAR Peak: 0.65 W/kg

SAR 10g (W/Kg)	0.116723				
SAR 1g (W/Kg)	0.247575				





Z (mm)	0.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00
SAR	0.663	0.247	0.113	0.093	0.078	0.072	0.069	0.069	0.071	0.076	0.067	0.070
(W/K	7	2	5	9	9	1	5	1	5	4	8	6
g)												
		0.7-		f 1				- 1				•
		0.6-	No.									
		0.5-	\rightarrow					- 13 - 3				
		SAR (W/kg) 0.3-	1									
		€ 0.4-	1									
		₩ 0.3-			-	- 0	4 4	-				
				X								
		0.2-				- 3	10 10	- 1				
				1								
		0.1-										
		200	0 2	4 6	8 1	0 12	14 16	18 2	0 22	24 26		
						Z (m	m)					

