

Repeated SAR
Test Laboratory: AGC Lab
LTE Band 7 High-Body-Back (1RB#0)
DUT: POS Terminal; Type: P3

Date: Jan. 15, 2025

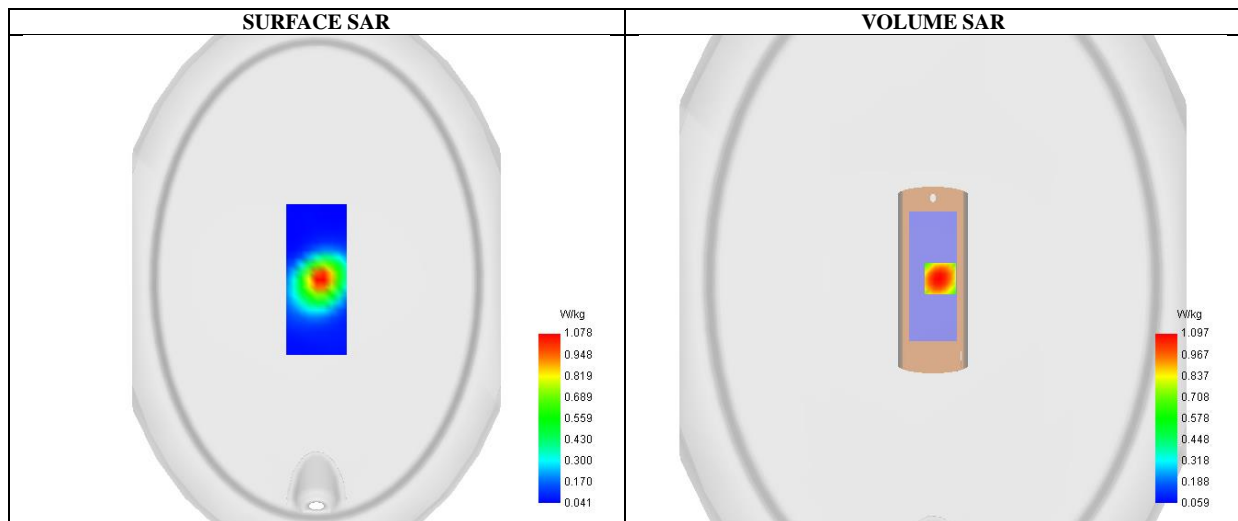
Communication System: LTE; Communication System Band: LTE Band 7; Duty Cycle:1:1; Conv.F=2.06
Frequency: 2560MHz; Medium parameters used: $f = 2600$ MHz; $\sigma = 1.91$ mho/m; $\epsilon_r = 40.26$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 20.2, Liquid temperature (°C): 20.0

SATIMO Configuration:

- Probe: SSE2; Calibrated: Apr. 30, 2024; Serial No.: 2023-EPGO-414
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELLI39 Phantom
- Measurement SW: OpenSAR V5.3.15.8

Configuration/ LTE BAND 7 High-Body-Back /Area Scan: Measurement grid: dx=10mm, y=10mm
Configuration/ LTE BAND 7 High-Body-Back /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	ELLI
Device Position	Body Back
Band	LTE BAND 7
Channels	High
Signal	OFDM (Crest factor: 1.0)



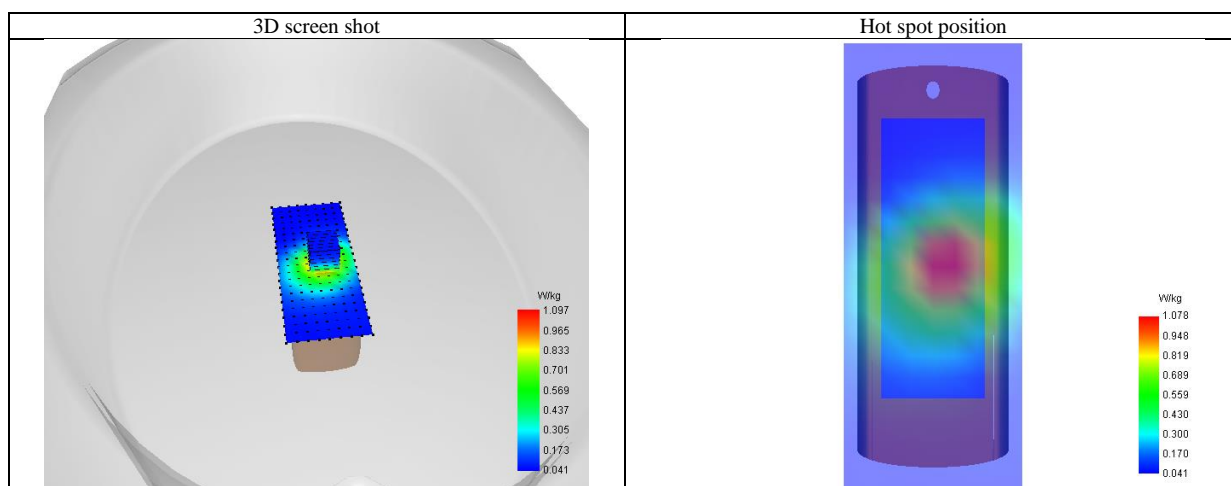
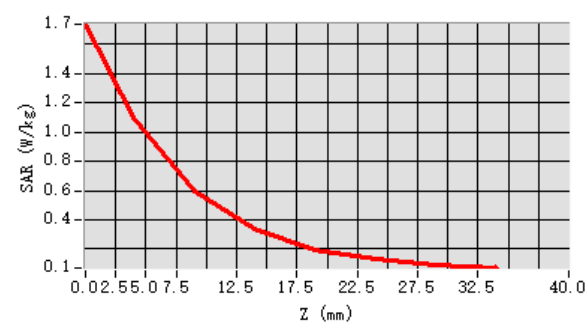
Maximum location: X=7.00, Y=1.00 ; SAR Peak: 1.74 W/kg

SAR 10g (W/Kg)	0.598
SAR 1g (W/Kg)	1.055
Variation (%)	-1.400
Horizontal validation criteria: minimum distance (mm)	21.213203
Vertical validation criteria: SAR ratio M2/M1 (%)	54.607530

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Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.737	1.097	0.599	0.339	0.199	0.129	0.093



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APPENDIX C. TEST SETUP PHOTOGRAPHS

Body Back 5mm



Body Front 5mm



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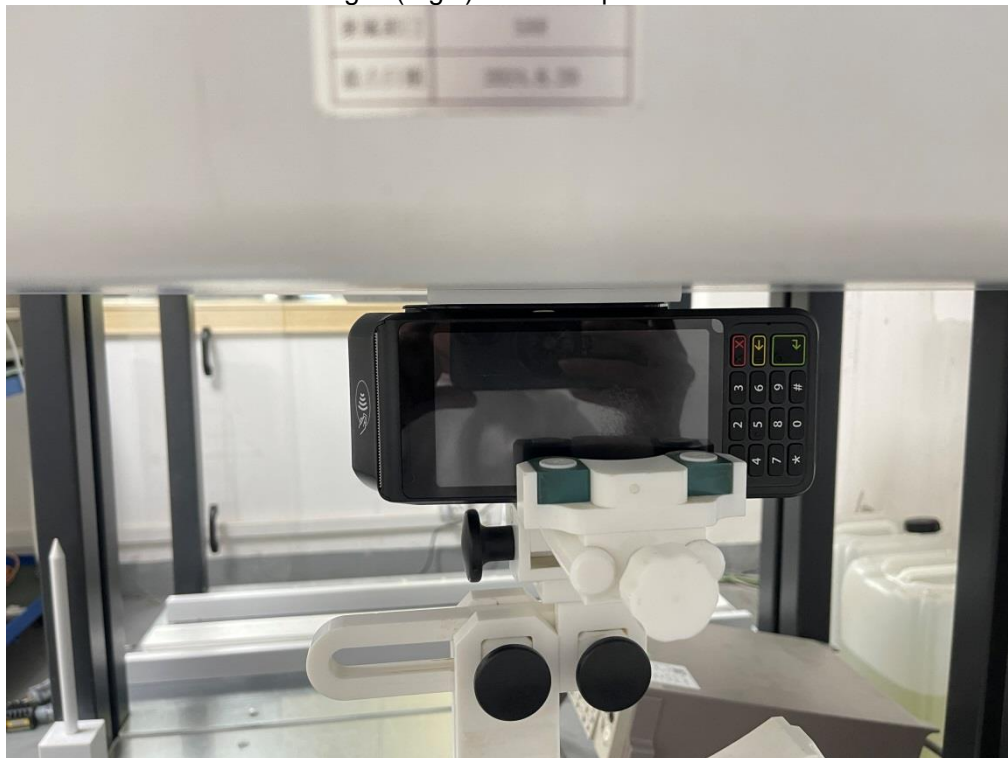
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Edge 1(Top) 5mm-Hotspot Mode



Edge 2(Right) 5mm-Hotspot Mode



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Edge 4(Left) 5mm-Hotspot Mode

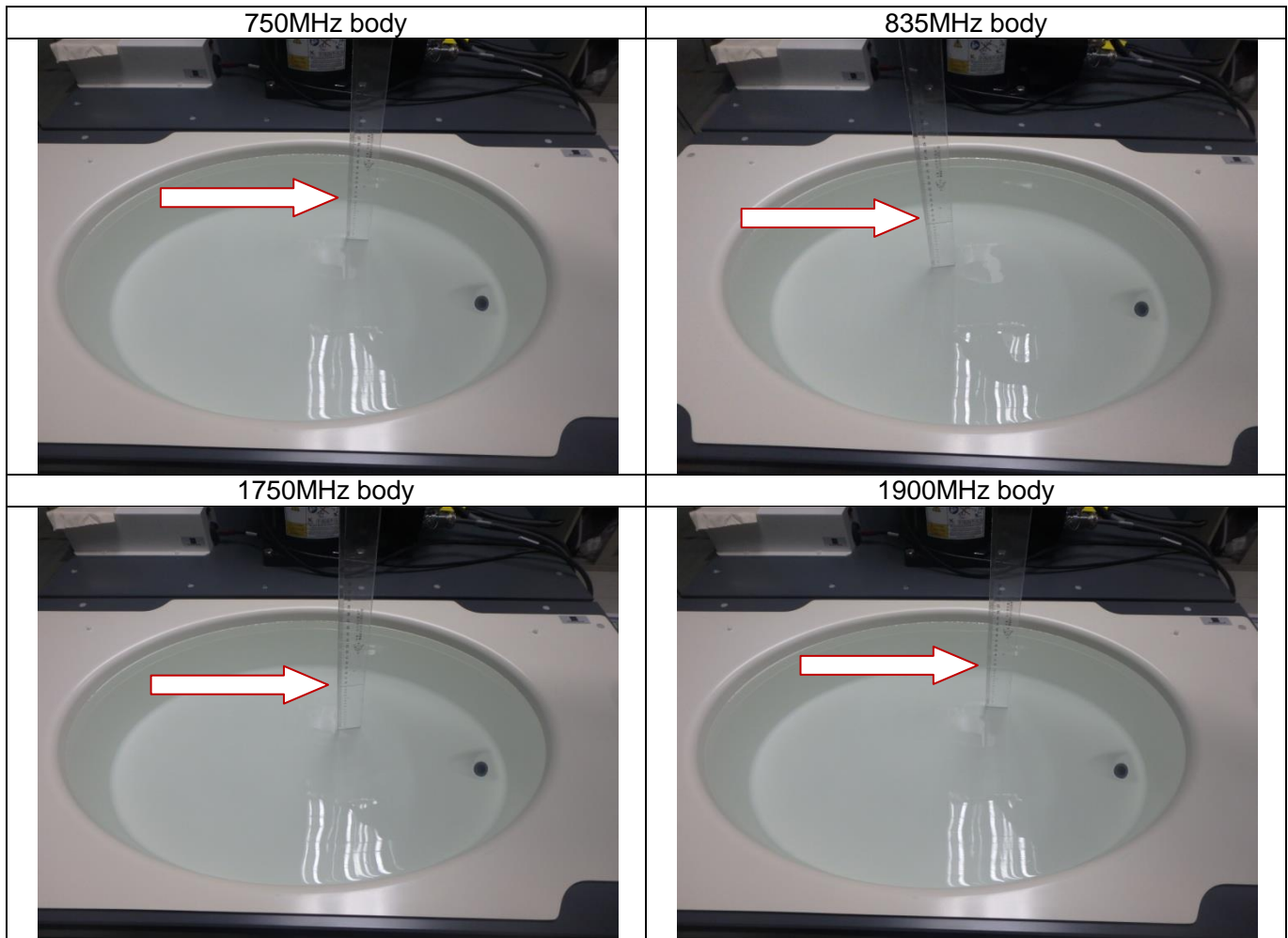


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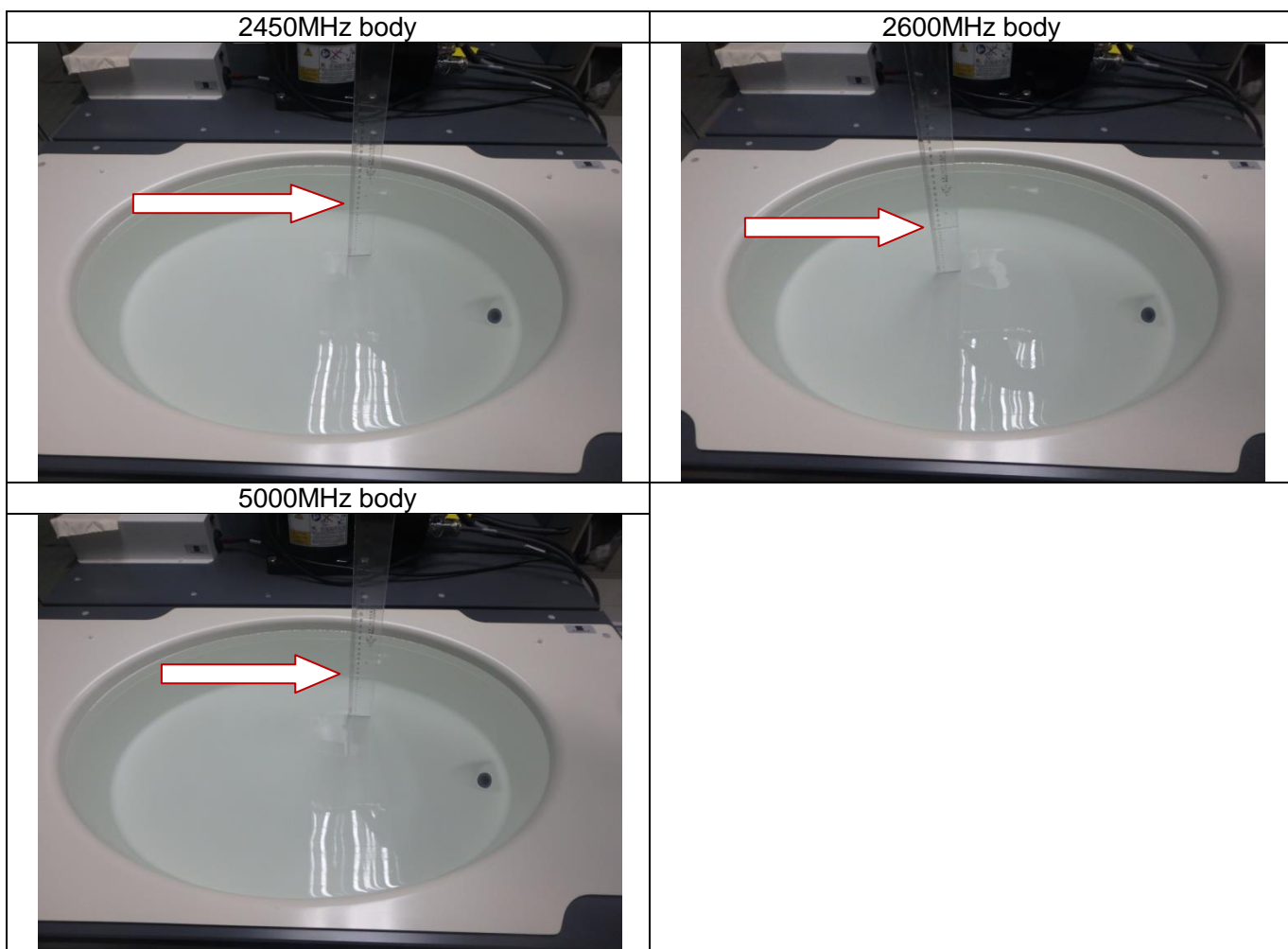
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DEPTH OF THE LIQUID IN THE PHANTOM—ZOOM IN

Note : The position used in the measurement were according to IEEE 1528-2013



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APPENDIX D. CALIBRATION DATA

Refer to Attached files.

----END OF REPORT----

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