

Docusign Envelope ID: 91FB01A4-121A-205C-AC26-18E12EBD8B24



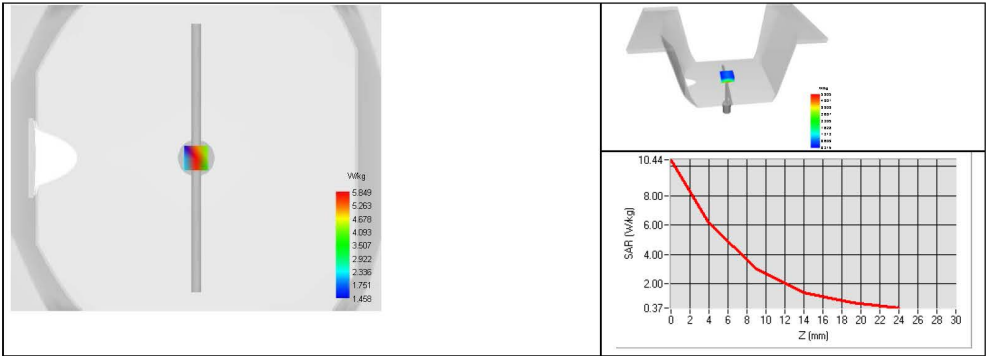
SAR REFERENCE DIPOLE CALIBRATION REPORT

Ref: ACR.99.9.27.PAR.A

7.4 SAR MEASUREMENT RESULT WITH BODY LIQUID

Software	OPENSAR V5
Phantom	SN 13/09 SAM68
Probe	SN 41/18 EPG0333
Liquid	Body Liquid Values: ϵ_{ps}' : 52.8 σ : 2.17
Distance between dipole center and liquid	15.0 mm
Area scan resolution	$dx=8mm/dy=8mm$
Zoon Scan Resolution	$dx=5mm/dy=5mm/dz=5mm$
Frequency	2600 MHz
Input power	20 dBm
Liquid Temperature	21 +/- 1 °C
Lab Temperature	21 +/- 1 °C
Lab Humidity	30-70 %

Frequency MHz	1 g SAR (W/kg/W)	10 g SAR (W/kg/W)
	measured	measured
2450	56.11 (5.61)	24.49(2.45)



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8 LIST OF EQUIPMENT

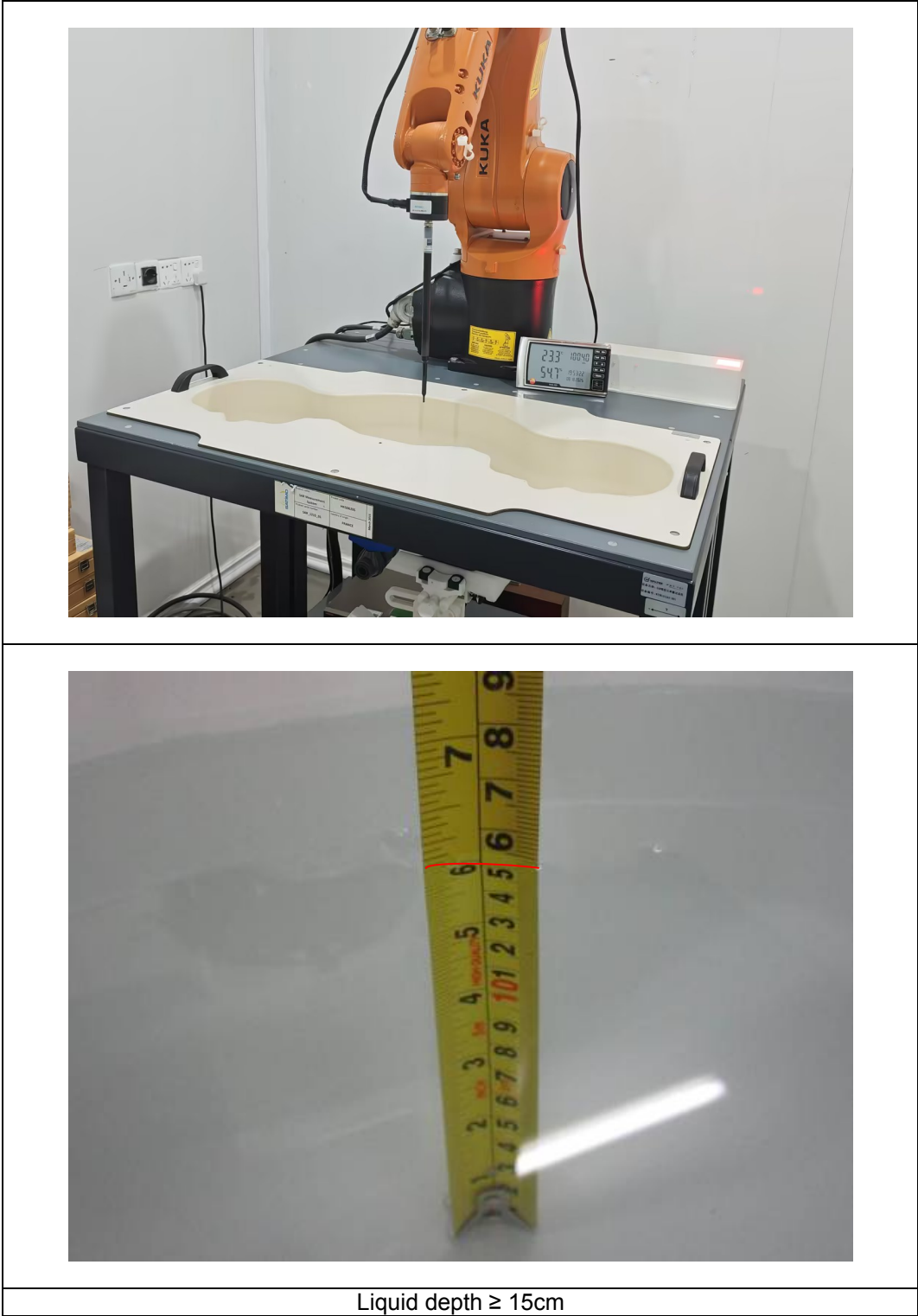
Equipment Summary Sheet				
Equipment Description	Manufacturer / Model	Identification No.	Current Calibration Date	Next Calibration Date
SAM Phantom	MVG	SN-13/09-SAM68	Validated. No cal required.	Validated. No cal required.
COMOSAR Test Bench	Version 3	NA	Validated. No cal required.	Validated. No cal required.
Network Analyzer	Rhode & Schwarz ZVM	100203	08/2024	08/2027
Network Analyzer	Agilent 8753ES	MY40003210	10/2025	10/2028
Network Analyzer - Calibration kit	Rhode & Schwarz ZV-Z235	101223	05/2025	05/2028
Network Analyzer - Calibration kit	HP 85033D	3423A08186	06/2021	06/2027
Calipers	Mitutoyo	SN 0009732	10/2025	10/2028
Reference Probe	MVG	SN 41/18 EPGO333	10/2025	10/2026
Multimeter	Keithley 2000	1160271	02/2026	02/2029
Signal Generator	Rhode & Schwarz SMB	106589	04/2025	04/2028
Amplifier	MVG	MODU-023-C-0002	Characterized prior to test. No cal required.	Characterized prior to test. No cal required.
Power Meter	NI-USB 5680	170100013	06/2024	06/2027
Power Meter	Rhode & Schwarz NRVD	832839-056	11/2025	11/2028
Directional Coupler	Krytar 158020	131467	Characterized prior to test. No cal required.	Characterized prior to test. No cal required.
Temperature/Humidity Sensor	Testo 184 H1	44225320	06/2024	06/2027

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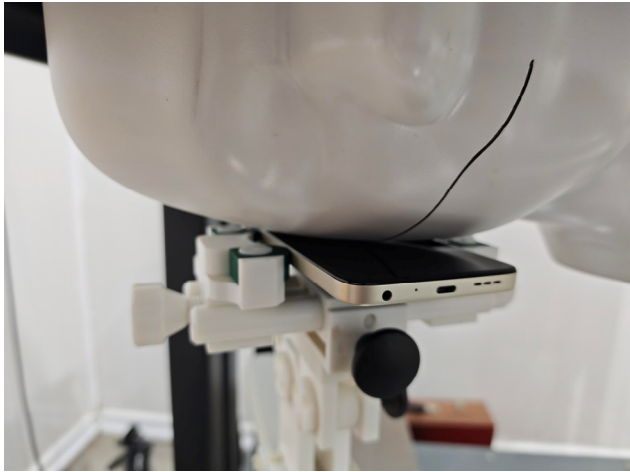
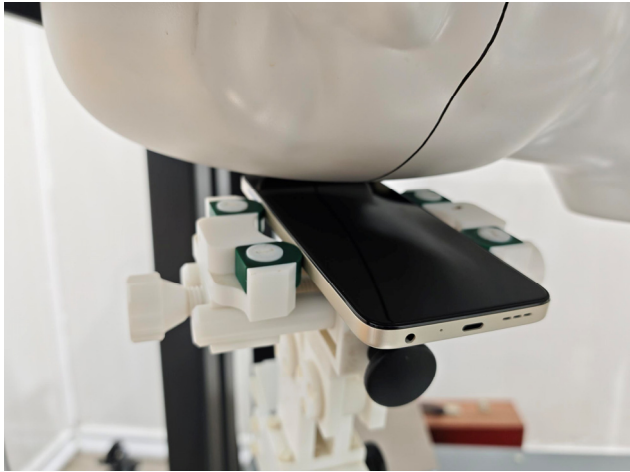
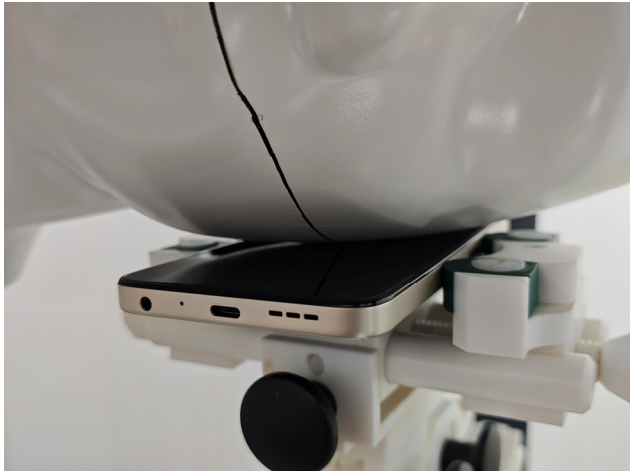
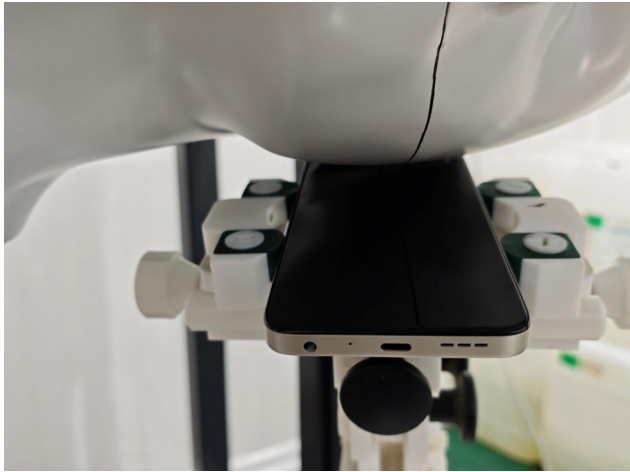
Template_ACR.DDD.N.YY.MVGB.ISSUE_SAR Reference Dipole v1

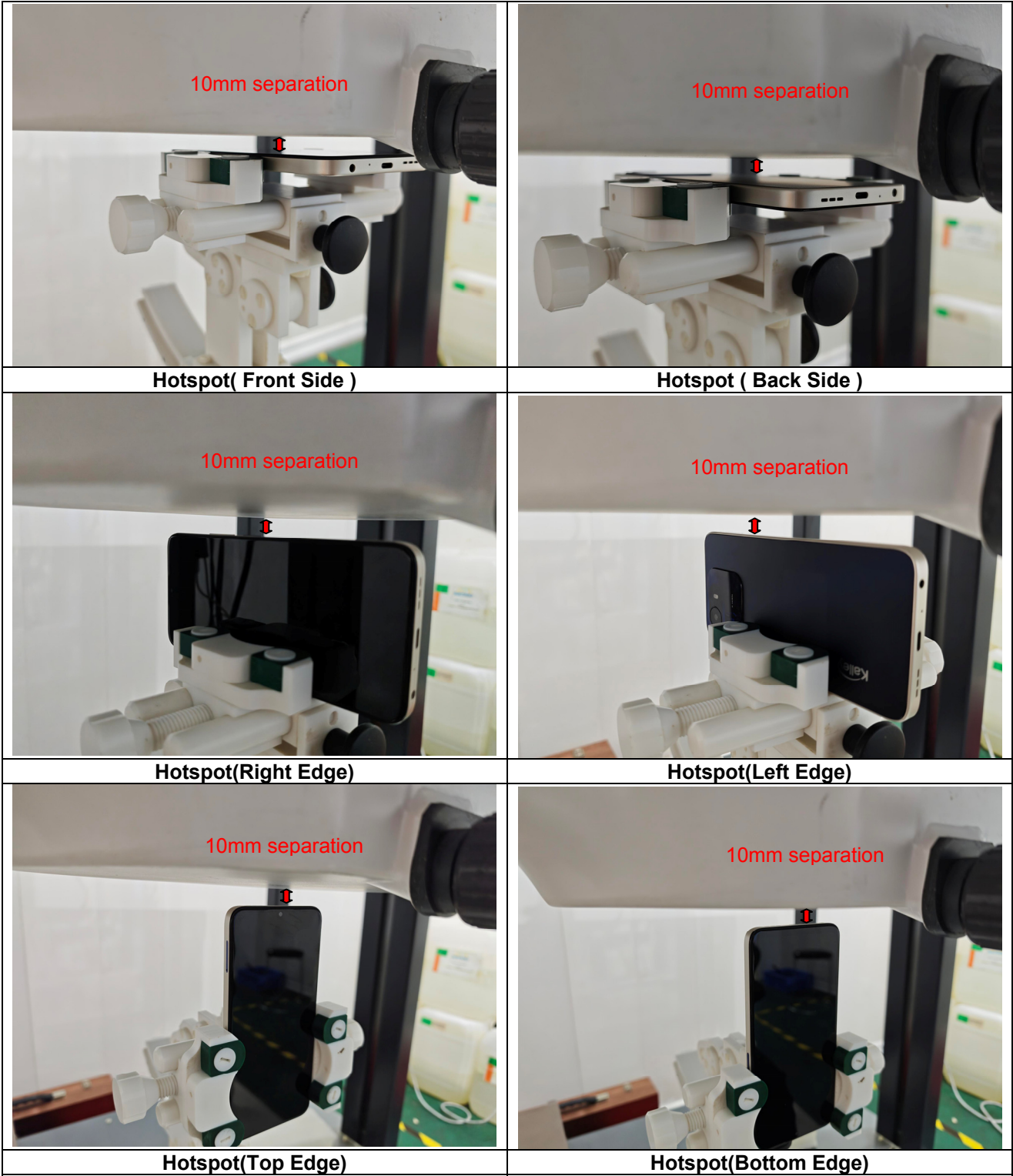
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17 SAR System Photos

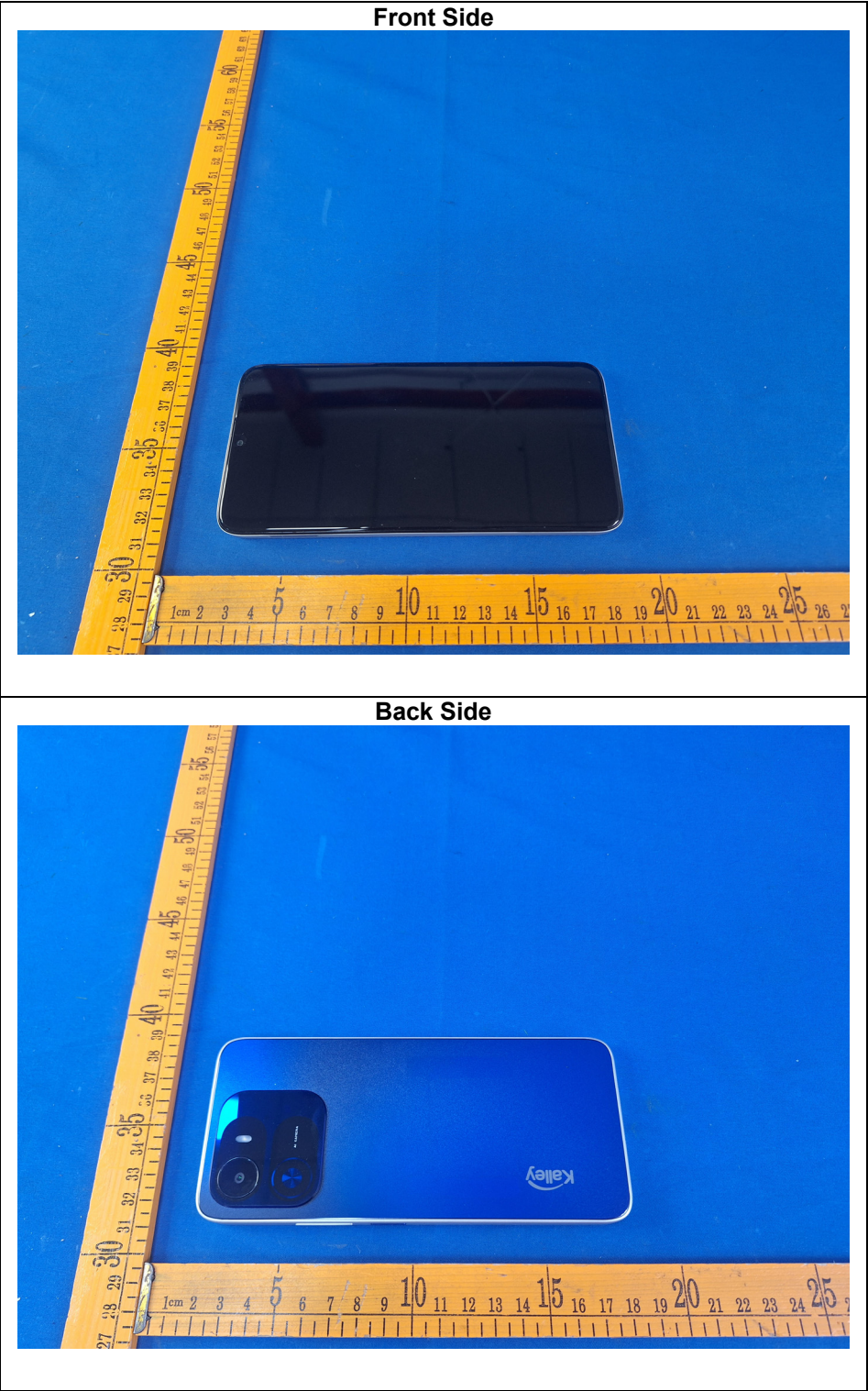


18 Setup Photos

	
Right Head Cheek	Right Head Tilt
	
Left Head Cheek	Left Head Tilt



19 EUT Photos



=====End of Report=====