

# Appendix B

WIFI 2.4G

# Test Laboratory: TOWE Lab

Measurement Report for Baby 6TY-RX, BACK, WLAN 2.4GHz, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps), Channel 1 (2412.000 MHz)

## Device Under Test Properties

Model	Dimensions [mm]						
Baby 6TY-RX	163.0 x 80.0 x 20.0						

## Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 0.00	WLAN 2.4GHz	WLAN, 10012-CAB	2412.000, 1	7.57	1.79	40.1

## Hardware Setup

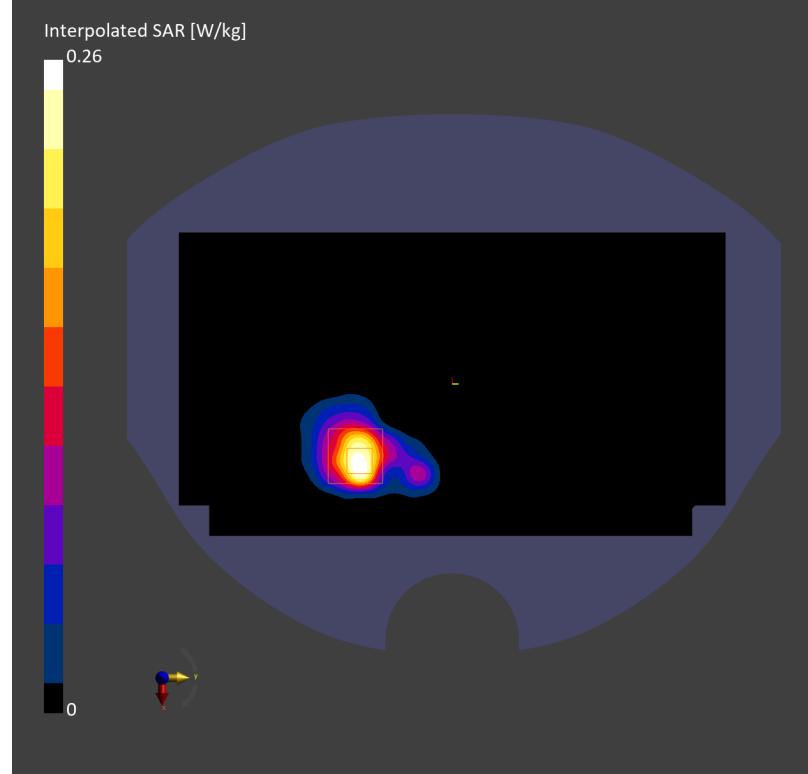
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2173	HSL2450	EX3DV4 - SN7758, 2024-09-12	DAE4ip Sn1847, 2024-12-31

## Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

## Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-24, 15:14	2025-07-24, 15:19
psSAR1g [W/Kg]	0.201	0.280
psSAR10g [W/Kg]	0.089	0.097
Power Drift [dB]	0.14	0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		45.2
Dist 3dB Peak [mm]		5.9



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Flat, Head Simulating Liquid	BACK, 0.00	WLAN 2.4GHz	WLAN, 10012-CAB	2412.000, 1	7.57	1.79	40.1

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MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

## Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-24, 15:32	2025-07-24, 15:37
psSAR1g [W/Kg]	0.284	0.293
psSAR10g [W/Kg]	0.118	0.123
Power Drift [dB]	-0.03	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		42.1
Dist 3dB Peak [mm]		7.0

