

# Appendix B

BLE

# Test Laboratory: TOWE Lab

Measurement Report for HCR-Z54C-B-A667-01, FRONT, ISM 2.4 GHz Band, Bluetooth Low Energy, Channel 39 (2480.000 MHz)

## Device Under Test Properties

Model	Dimensions [mm]	IMEI
HCR-Z54C-B-A667-01	85.0 x 35.0 x 10.0	

## Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	FRONT, 0.00	ISM 2.4 GHz Band	Bluetooth, 10670-AAA	2480.000, 39	1.87	39.8

## Hardware Setup

Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2168	HSL2450	EX3DV4 - SN7858, 2024-01-09	DAE4ip Sn1847, 2024-01-04

## Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 96.0	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	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

## Measurement Results

	Area Scan	Zoom Scan
Date	2024-12-10, 11:40	2024-12-10, 11:46
psSAR1g [W/Kg]	0.353	0.365
psSAR10g [W/Kg]	0.178	0.175
Power Drift [dB]	0.02	0.14
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		46.5
Dist 3dB Peak [mm]		10.2

