Appendix B
Detailed Test Results

LTE Band 2 for Extremity
LTE Band 4 for Extremity
LTE Band 12 for Extremity
LTE Band 13 for Extremity

Measurement Report for Device, EDGE BOTTOM, Band 2, LTE-FDD (SC-FDMA, 3 RB, 20 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, Channel 18700 (1860.000 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TeleBGM 2284-A/MIO LABS INC.	98.0 x 60.0 x 15.0	33IW12303K072	Blood Glucose Meter

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, HSL	EDGE BOTTOM, 0.00	Band 2	LTE-FDD, 10169-CAF	1860.000, 18700	7.35	1.40	40.5

Hardware Setup

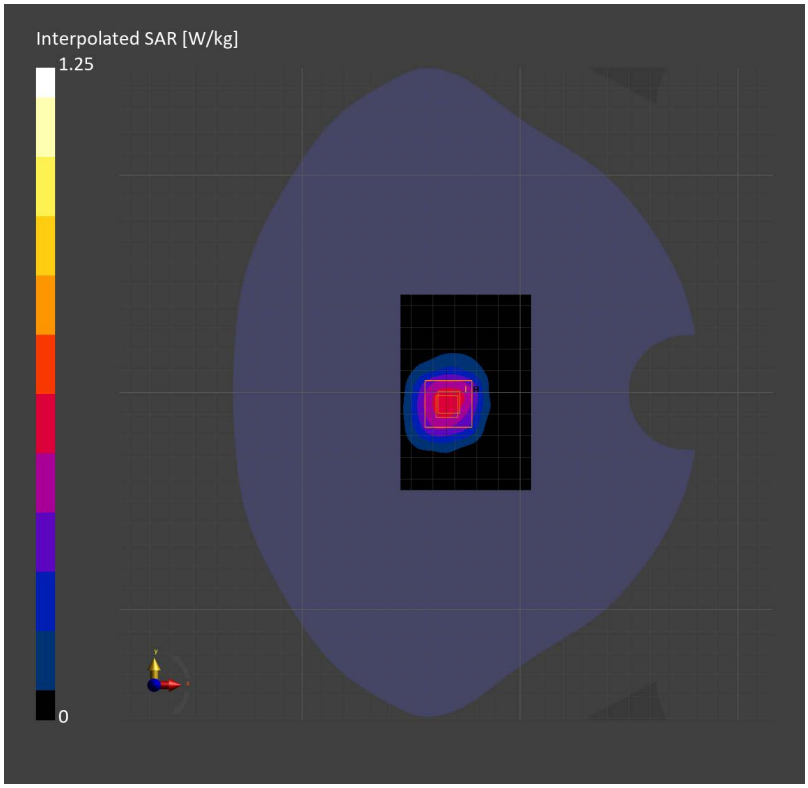
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2146	HBBL-600-10000 Charge:2023-08-27	EX3DV4 - SN7821, 2023-07-17	DAE4ip Sn1803, 2023-07-14

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 90.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 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	2023-08-27	2023-08-27
psSAR1g [W/Kg]	0.507	0.632
psSAR10g [W/Kg]	0.275	0.299
Power Drift [dB]	-0.06	-0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction



Measurement Report for Device, EDGE BOTTOM, Band 4, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, Channel 20050 (1720.000 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TeleBGM 2284-A/MIO LABS INC.	98.0 x 60.0 x 15.0	33IW12303K072	Blood Glucose Meter

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, HSL	EDGE BOTTOM, 0.00	Band 4	LTE-FDD, 10169-CAF	1720.000, 20050	7.54	1.37	40.6

Hardware Setup

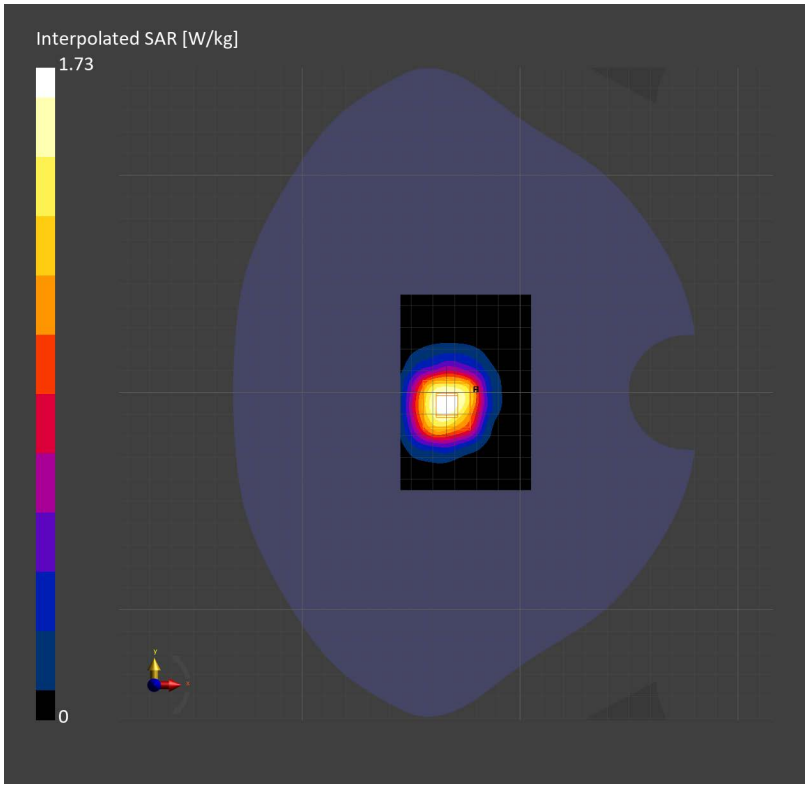
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2146	HBBL-600-10000 Charge:2023-08-27	EX3DV4 - SN7821, 2023-07-17	DAE4ip Sn1803, 2023-07-14

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 90.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 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	2023-08-27	2023-08-27
psSAR1g [W/Kg]	0.710	0.882
psSAR10g [W/Kg]	0.392	0.425
Power Drift [dB]	-0.03	0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction



Measurement Report for Device, BACK, Band 12, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, Channel 23095 (707.500 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TeleBGM 2284-A/MIO LABS INC.	98.0 x 60.0 x 15.0	33IW12303K072	Blood Glucose Meter

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, HSL	BACK, 0.00	Band 12	LTE-FDD, 10175-CAH	707.500, 23095	9.08	0.863	42.9

Hardware Setup

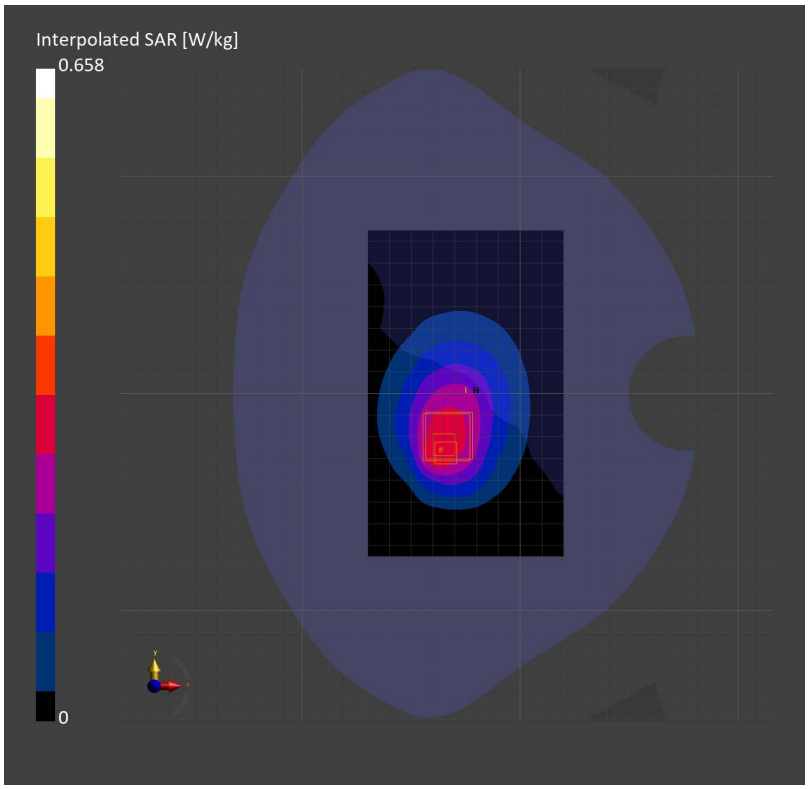
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2146	HBBL-600-10000 Charge:2023-08-27	EX3DV4 - SN7821, 2023-07-17	DAE4ip Sn1803, 2023-07-14

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 150.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 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	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2023-08-27	2023-08-27
psSAR1g [W/Kg]	0.287	0.329
psSAR10g [W/Kg]	0.191	0.190
Power Drift [dB]	-0.12	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction



Measurement Report for Device, BACK, Band 13, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, Channel 23230 (782.000 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
TeleBGM 2284-A/MIO LABS INC.	98.0 x 60.0 x 15.0	33IW12303K072	Blood Glucose Meter

Exposure Conditions

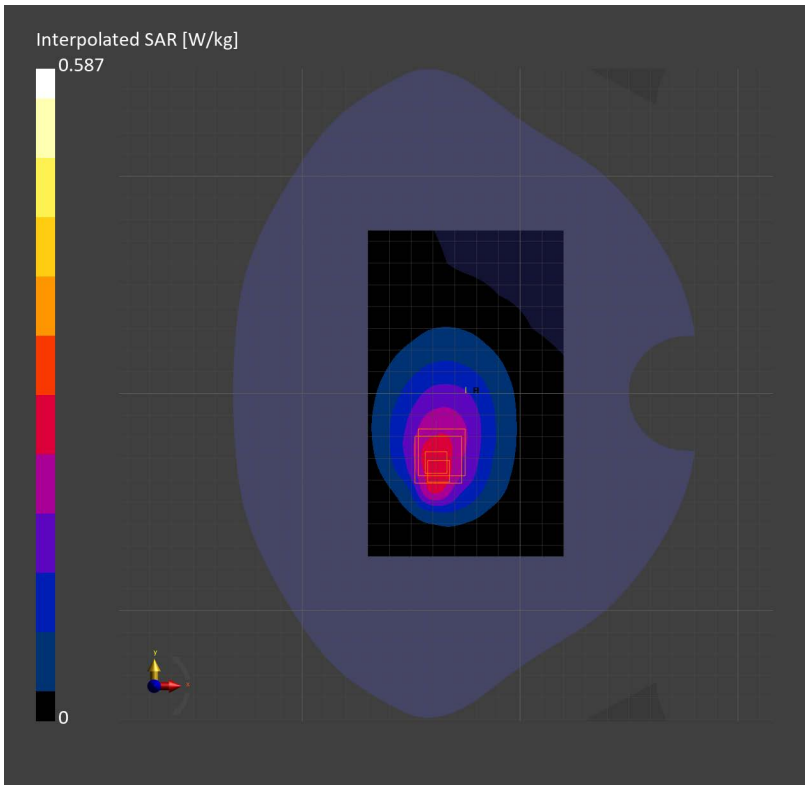
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	Band 13	LTE-FDD, 10175-CAH	782.000, 23230	9.08	0.903	42.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2146	HBBL-600-10000 Charge:2023-08-27	EX3DV4 - SN7821, 2023-07-17	DAE4ip Sn1803, 2023-07-14

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 150.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 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	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2023-08-27	2023-08-27
psSAR1g [W/Kg]	0.250	0.269
psSAR10g [W/Kg]	0.161	0.155
Power Drift [dB]	-0.01	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction