

# Appendix A

## Detailed System Check Results

1. System Performance Check
System Performance Check 750 MHz Head
System Performance Check 1750 MHz Head
System Performance Check 1950 MHz Head

# Measurement Report for Device, EDGE TOP, D750, CW, Channel 50 (750.000 MHz)

## Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	10.0 x 10.0 x 10.0	1160	Dipole

## 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 TOP, 15.00	D750	CW, 0--	750.000, 50	9.08	0.885	42.7

## Hardware Setup

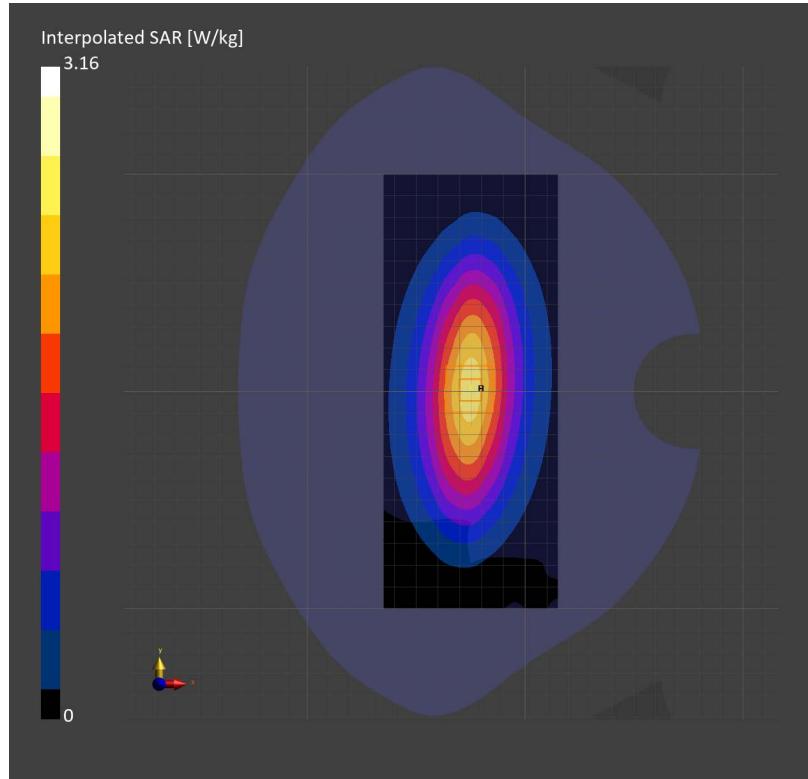
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2146	HBBL-600-10000 Charge:2023-08-27	EX3DV4 - SN7821, 2023-07-17	DAE4ip Sn1803, 2023-07-14

## Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 200.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	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]	2.21	2.20
psSAR10g [W/Kg]	1.47	1.48
Power Drift [dB]	-0.00	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction



# Measurement Report for Device, EDGE TOP, D1750, CW, Channel 50 (1750.000 MHz)

## Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	10.0 x 10.0 x 10.0	1149	Dipole

## 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 TOP, 10.00	D1750	CW, 0--	1750.000, 50	7.54	1.39	40.5

## Hardware Setup

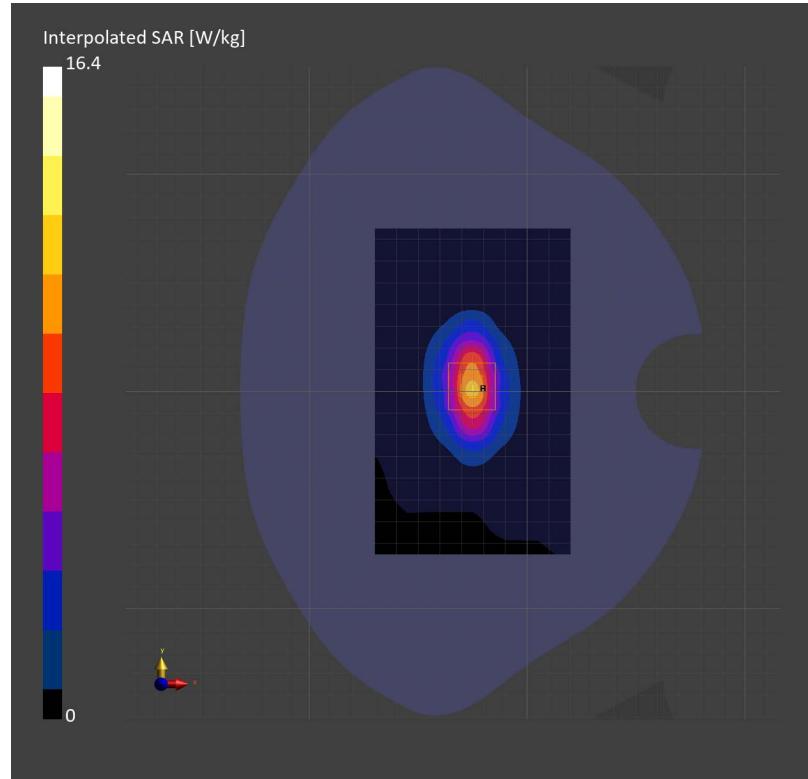
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2146	HBBL-600-10000 Charge:2023-08-27	EX3DV4 - SN7821, 2023-07-17	DAE4ip Sn1803, 2023-07-14

## Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	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]	9.19	9.26
psSAR10g [W/Kg]	4.89	5.00
Power Drift [dB]	0.00	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction



# Measurement Report for Device, EDGE TOP, D1950, CW, Channel 50 (1950.000 MHz)

## Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	10.0 x 10.0 x 10.0	1138	Dipole

## 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 TOP, 10.00	D1950	CW, 0--	1950.000, 50	7.35	1.43	40.2

## 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]	80.0 x 160.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	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]	10.9	10.9
psSAR10g [W/Kg]	5.58	5.67
Power Drift [dB]	0.01	-0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction

