Annex C Plots of System Performance Check

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2021.08.07

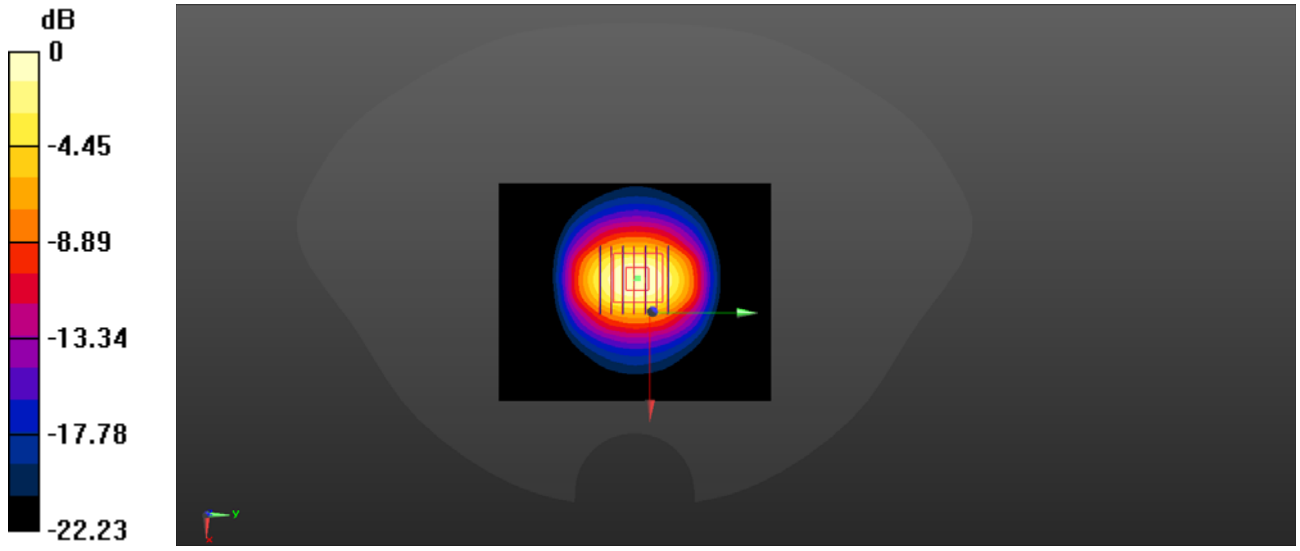
System Check_2450MHz_Head

Communication System: UID 0, CW (0); Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: f = 2450 MHz; σ = 1.842 S/m; ε_r = 40.255; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(7.58, 7.58, 7.58) @ 2450 MHz; Calibrated: 2020.11.27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2020.11.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

CW2450/Area Scan (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 11.6 W/kg

CW2450/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 79.71 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 20.1 W/kg
SAR(1 g) = 13.22 W/kg; SAR(10 g) = 6.22 W/kg
Maximum value of SAR (measured) = 10.8 W/kg



0 dB = 10.8 W/kg

Laboratory Name: Morlab

Measurement Report for Device, FRONT, D6.5GHz, CW, Channel 0 (6500.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	50.0 x 10.0 x 8.0		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, -	FRONT, 0.0	D5GHz	CW, 0--	6500.0, 0	5.78	6.179	33.612

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	HBBL-600-10000 Charge:xxxx, 2021-Aug-10	EX3DV4 - SN7608, 2020-11-27	DAE4 Sn1643, 2020-11-30

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 40.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	5.0 x 5.0	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2021-08-05, 16:46	2021-08-05, 16:55
psSAR1g [W/Kg]	26.01	26.51
psSAR10g [W/Kg]	5.53	5.67
Power Drift [dB]	0.0	0.02