Date: 2023-01-09

System Check_Head_6500MHz

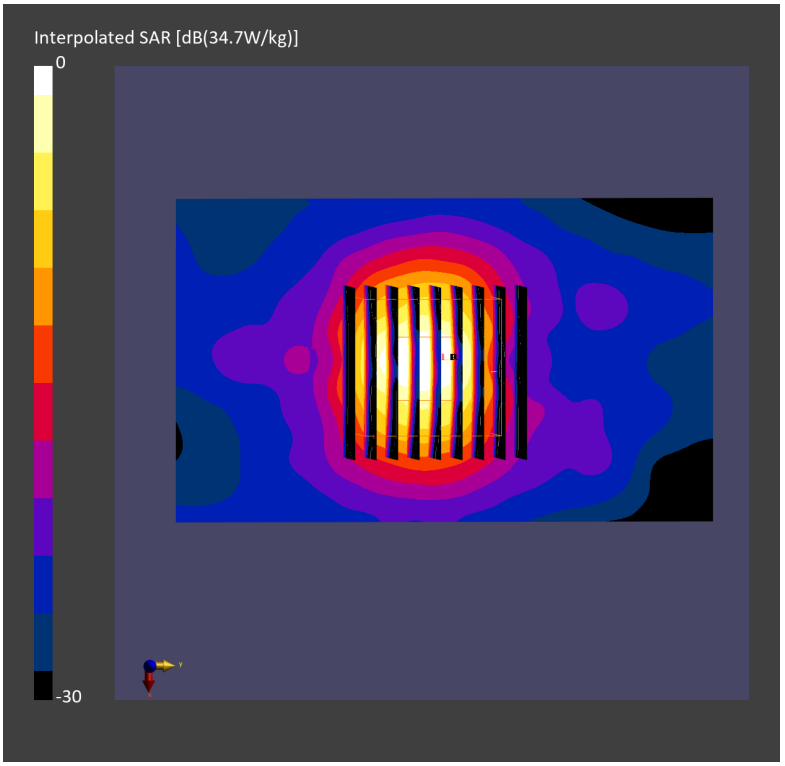
DUT: D6.5GHzV2-1083

Communication System: CW; Frequency: 6500 MHz;Duty Cycle: 1:1
Medium: HSL_6G_230109 Medium parameters used: f = 6500 MHz; σ = 6.021 S/m; ε_r = 35.019
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:
- Probe: EX3DV4 - SN3642; ConvF(5, 5, 5); Calibrated: 2022-04-28
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn854; Calibrated: 2022-8-24
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1884
- Measurement Software: 16.2.2.1588
- UID: , 0--

Pin=20.0dBm/Area Scan (51.0 mm x 85.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 25.2 W/kg; SAR (10g) = 4.88 W/kg;

Pin=20.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm
Power Drift = 0.17 dB
SAR (1g) = 27.3 W/kg; SAR (8g) = 6.25 W/kg; SAR (10g) = 5.19 W/kg
psAPD (1.0cm2, sq) = 273 [W/m2]; psAPD (4.0cm2, sq) = 124 [W/m2]



Measurement Report for Device

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	70.0 x 50.0 x 8.0		5G Verification Source

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	FRONT, 10.00	10000.0	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - xxxx	Air -	EUmmWV4 - SN9441_F1-55GHz, 2022-11-18	DAE4 Sn854, 2022-08-24

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	10.0

Measurement Results

Date	2023-01-15, 03:47
Avg. Area [cm^2]	4.00
psPDn+ [W/m^2]	45.8
psPDtot+ [W/m^2]	46.0
H_{max} [A/m]	0.392
E_{max} [V/m]	138
$max_{(Stot)}$ [W/m^2]	53.6
Power Drift [dB]	0.08