

System Check_Head_6500MHz

Communication System: ; Frequency: 6500.0 ; Duty Cycle: 1:1

Medium: HSL_6G_220824 Medium parameters used: $f = 6500.0$ MHz; $\sigma = 6.19$ S/m; $\epsilon_r = 35.6$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(5.65, 5.65, 5.65); Calibrated: 2022-03-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn778; Calibrated: 2022-05-30
- Phantom: ELI V5.0 (20deg probe tilt); Serial: 1131; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: , 0--
- MAIA: Area Scan: N/A; Zoom Scan: N/A

Pin=100mW/Area Scan (51.0 mm x 85.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

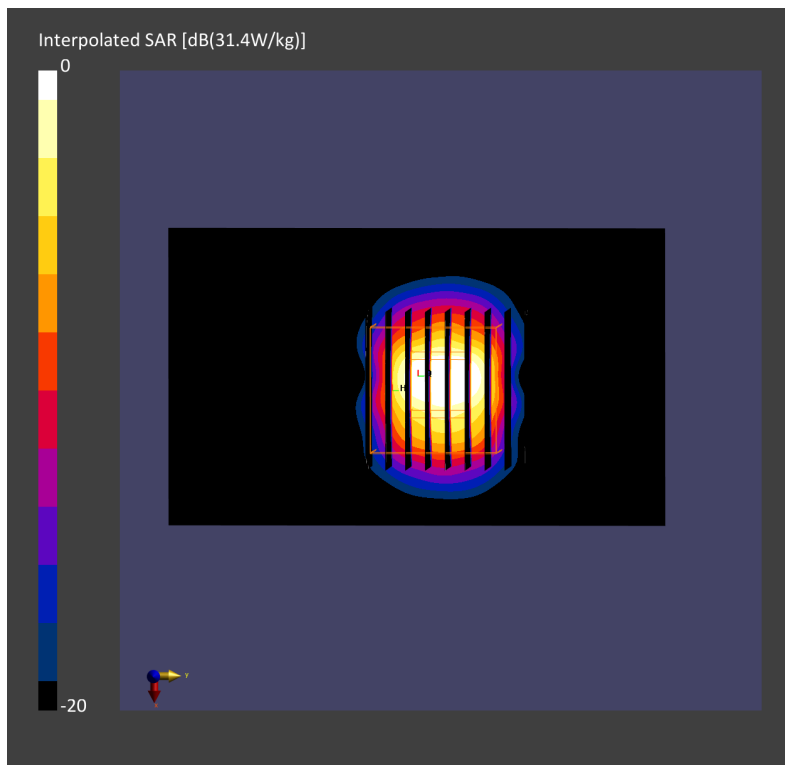
SAR (1g) = 22.7 W/kg; SAR (10g) = 4.92 W/kg;

Pin=100mW/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 = 0.03 dB

SAR (1g) = 30.2 W/kg; SAR (8g) = 6.66 W/kg; SAR (10g) = 5.46 W/kg;

psAPD (1.0cm², sq) = 301 [W/m²]; psAPD (4.0cm², sq) = 133 [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		Phone

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, 2021-11-24	DAE4 Sn778, 2022-05-30

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	2022-08-29
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	50.0
psPDtot+ [W/m ²]	50.2
H _{max} [A/m]	0.405
E _{max} [V/m]	147
max(Stot) [W/m ²]	58.5
Power Drift [dB]	0.02

