

2450MHz CW

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 2450 \text{ MHz}$; $\sigma = 2.01 \text{ S/m}$; $\epsilon_r = 50.935$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1258; Calibrated: 5/22/2018
- Probe: EX3DV4 - SN7501; ConvF(7.83, 7.83, 7.83) @ 2450 MHz; Calibrated: 5/4/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Base Station Phantom; Type: UL BSTP-C; Serial: 1001

Boresight/Client 339_MCNPS_2450MHz CW_88 cm distance/ Tile 90 Degrees/ Client 90 Degrees/Area (19x34x1):

Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.926 W/kg

Boresight/Client 339_MCNPS_2450MHz CW_88 cm distance/ Tile 90 Degrees/ Client 90 Degrees/Zoom Scan (7x7x7)/Cube 0:

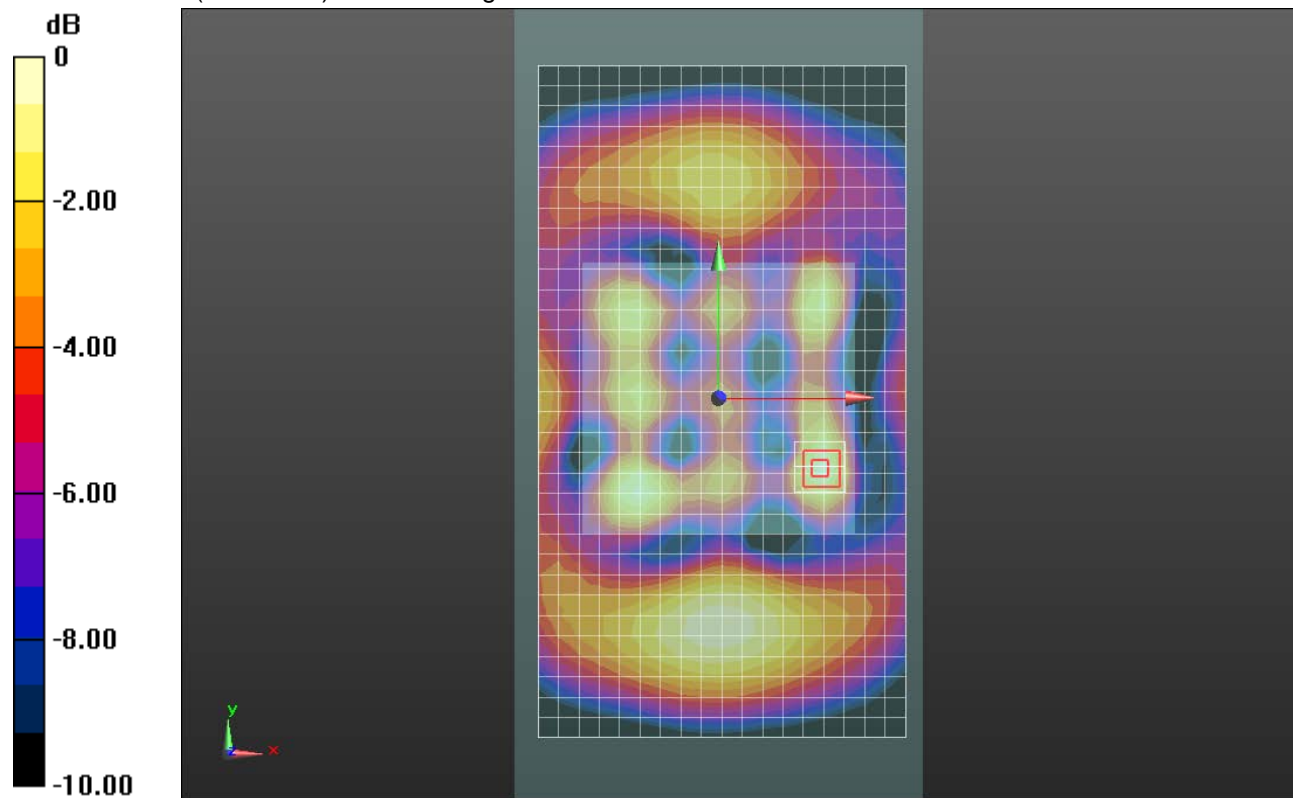
Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 20.57 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.631 W/kg; SAR(10 g) = 0.341 W/kg

Maximum value of SAR (measured) = 0.966 W/kg



0 dB = 0.966 W/kg = -0.15 dBW/kg

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Volume Scan/Client 339_MCNPS_2450MHz CW_88 cm distance/ Tile 90 Degrees/ Client 90 Degrees/Volume Scan (97x393x105): Interpolated grid: dx=2.500 mm, dy=2.500 mm, dz=0.6250 mm

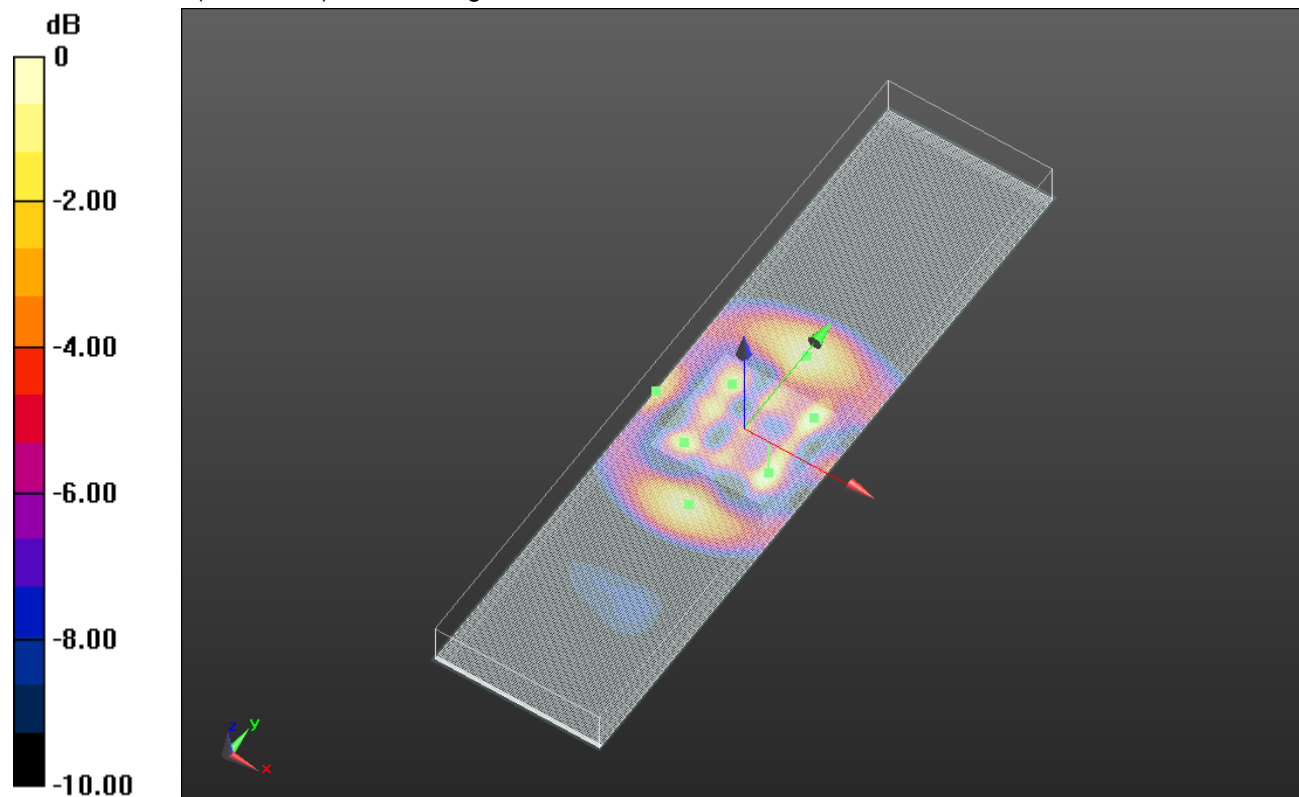
Reference Value = 20.75 V/m; Power Drift = 0.00 dB

IEC62232 Base station whole body SAR (Child): 0.0523 W/kg

Total Absorbed Power = 0.363 W

Penetration depth = 7.028 (6.842, 7.582) [mm]

Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg = 1.30 dBW/kg