

Plot 35#

Test Date: 2025-04-24

DUT: Tablet Computer; Type: EDA10A-1
Procedure Name: 802.11a 5745MHz ANT2 Body Top

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5745$ MHz; $\sigma = 5.09$ S/m; $\epsilon_r = 34.89$; $\rho = 1000$ kg/m³; Tissue Temp (celsius)-22.5°C; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7524; ConvF(5.15, 5.22, 4.92) @ 5745 MHz; Calibrated: 2024/9/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1552; Calibrated: 2024/5/14
- Phantom: SAM2; Type: QD OVA 004 AA; Serial: 2089
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/802.11a 5745MHz ANT2 Body Top/Area Scan (11x7x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 1.97 W/kg

Configuration/802.11a 5745MHz ANT2 Body Top/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm; Reference Value = 19.03 V/m; Power Drift = 0.05 dB

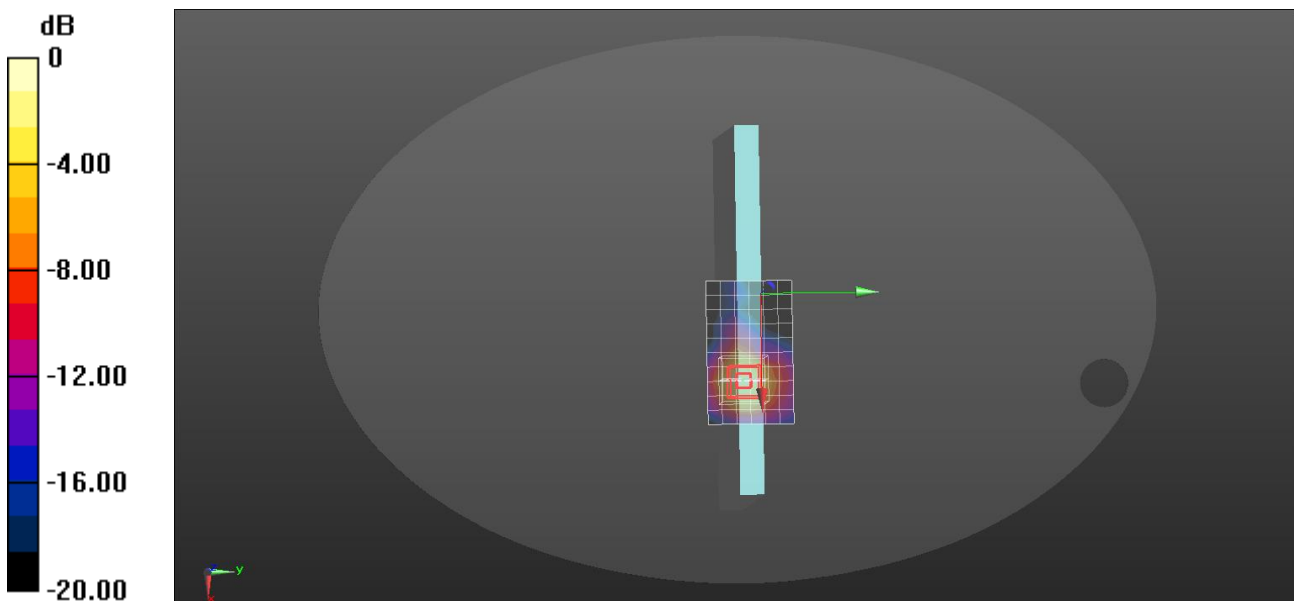
Peak SAR (extrapolated) = 4.22 W/kg

SAR(1 g) = 0.972 W/kg; SAR(10 g) = 0.342 W/kg

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 59%

Maximum value of SAR (measured) = 2.30 W/kg



0 dB = 2.30 W/kg = 3.62 dBW/kg

Annex C - SAR Test Setup Photograph

Please refer to document "R25S1020041-UT".

Annex D - EUT Photograph

Please refer to document "R25S1020041-UE".

Annex E - Equipment Calibration Report

Please refer to document “Annex E - Equipment Calibration Report.pdf”.

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