

Appendix B

Detailed Test Results

WIFI 2.4G for Body
WIFI 5G for Body
Bluetooth for Body

Date: 2024-06-21

Test Laboratory: SGS-SAR Lab

DA303EV Bluetooth 3DH5 39CH Top side 0mm Ant1-M3

DUT: DA303EV; Type: Rugged Tablet; Serial: 030VW24220332 Communication

System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1

Medium: HSL2450; Medium parameters used: $f = 2441$ MHz; $\sigma = 1.784$ S/m; $\epsilon_r = 38.201$; $\rho = 1000$ kg/m³

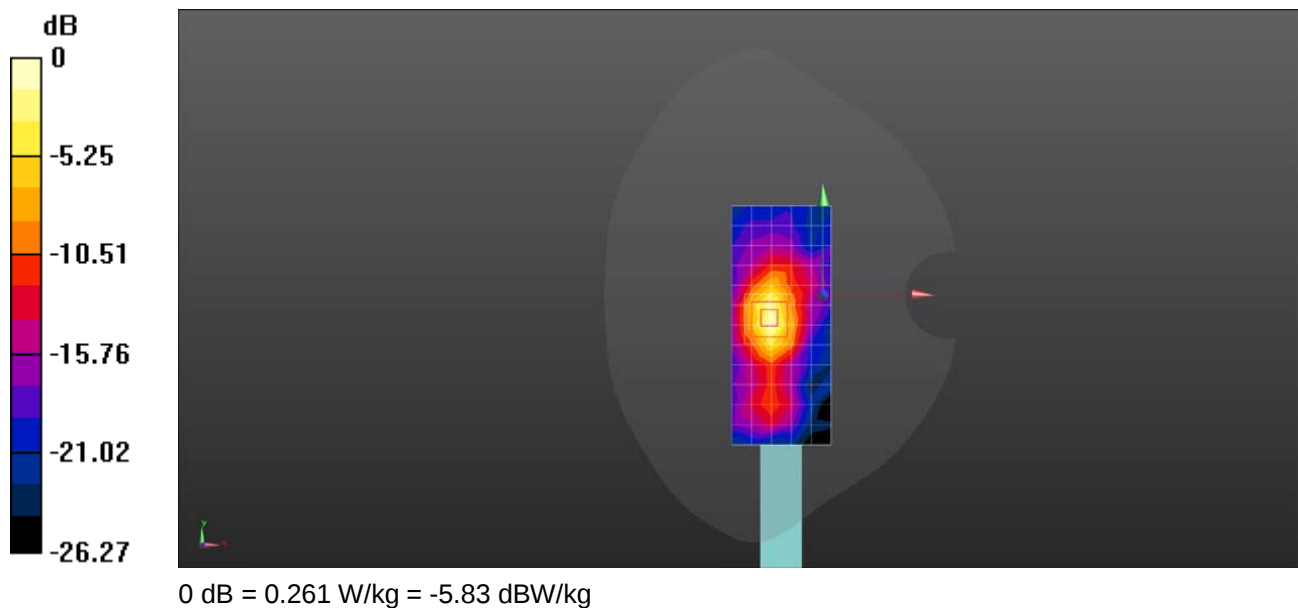
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.95, 6.95, 6.95); Calibrated: 2023-11-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2024-03-18
- Phantom: SAM 3; Type: SAM Twin; Serial: 2031
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Body/Area Scan (6x13x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.239 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.352 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.335 W/kg
SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.058 W/kg
Maximum value of SAR (measured) = 0.261 W/kg



Date: 2024-06-21

Test Laboratory: SGS-SAR Lab

DA303EV WIFI 2.4G 802.11n40 9CH Top side 0mm Ant1

DUT: DA303EV; Type: Rugged Tablet; Serial: 030VW24220332

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2452 MHz;Duty Cycle: 1:1

Medium: HSL2450;Medium parameters used: $f = 2452 \text{ MHz}$; $\sigma = 1.798 \text{ S/m}$; $\epsilon_r = 38.165$; $\rho = 1000 \text{ kg/m}^3$

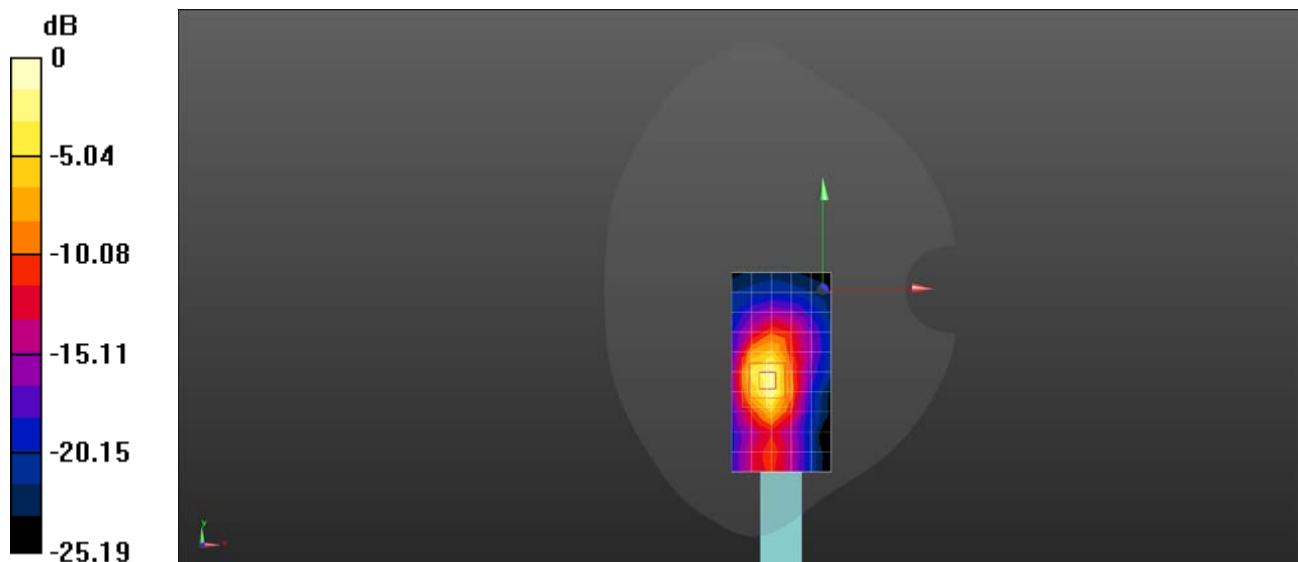
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.95, 6.95, 6.95); Calibrated: 2023-11-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2024-03-18
- Phantom: SAM 3; Type: SAM Twin; Serial: 2031
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Body/Area Scan (6x11x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
Maximum value of SAR (measured) = 1.02 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 2.183 V/m ; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.80 W/kg
SAR(1 g) = 0.765 W/kg ; SAR(10 g) = 0.315 W/kg
Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

Date: 2024-06-24

Test Laboratory: SGS-SAR Lab

DA303EV WIFI 5G 802.11ac80 106CH Top side 0mm Ant1

DUT: DA303EV; Type: Rugged Tablet; Serial: 030VW24220332

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5530 MHz;Duty Cycle: 1:1

Medium: HSL5G;Medium parameters used: $f = 5530$ MHz; $\sigma = 5.015$ S/m; $\epsilon_r = 35.976$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(4.48, 4.48, 4.48); Calibrated: 2023-11-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2024-03-18
- Phantom: SAM 3; Type: SAM Twin; Serial: 2031
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Body/Area Scan (7x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.07 W/kg

Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.647 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 5.04 W/kg
SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.364 W/kg
Maximum value of SAR (measured) = 2.98 W/kg

