

Appendix B

Detailed Test Results

WIFI 2.4G for Body
WIFI 5G for Body
BT for Body

Date: 2023-12-19

Test Laboratory: SGS-SAR Lab

WIFI 2.4G 802.11n40 3CH Left side 0mm MIMO

DUT: DT340T; Type: Rugged Tablet; Serial: 34RW12336A388

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2422 MHz;Duty Cycle: 1:1.012

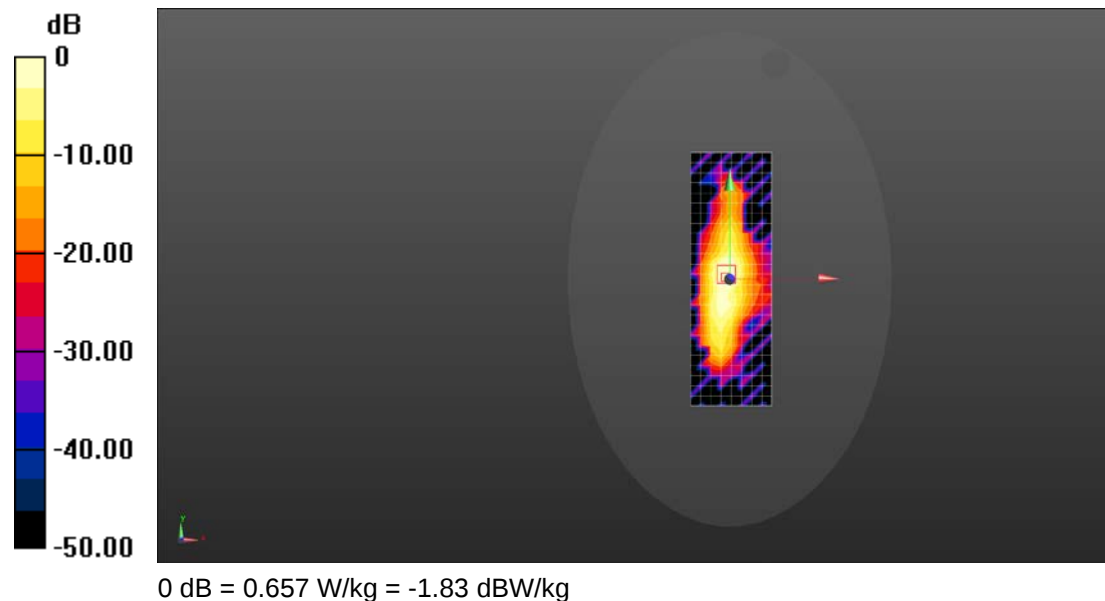
Medium: HSL2450;Medium parameters used: $f = 2422$ MHz; $\sigma = 1.776$ S/m; $\epsilon_r = 40.197$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7380; ConvF(7.5, 7.5, 7.5); Calibrated: 2023-06-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1663; Calibrated: 2023-03-27
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1123
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Body/Area Scan (9x26x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.657 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.97 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.548 W/kg; SAR(10 g) = 0.271 W/kg
Maximum value of SAR (measured) = 0.906 W/kg



Date: 2023-12-22

Test Laboratory: SGS-SAR Lab

WIFI 5G 802.11ac80 155CH Bottom side 0mm MIMO

DUT: DT340T; Type: Rugged Tablet; Serial: 34RW12336A388

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5775 MHz;Duty Cycle: 1:1

Medium: HSL5G;Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 35.178$; $\rho = 1000$ kg/m³

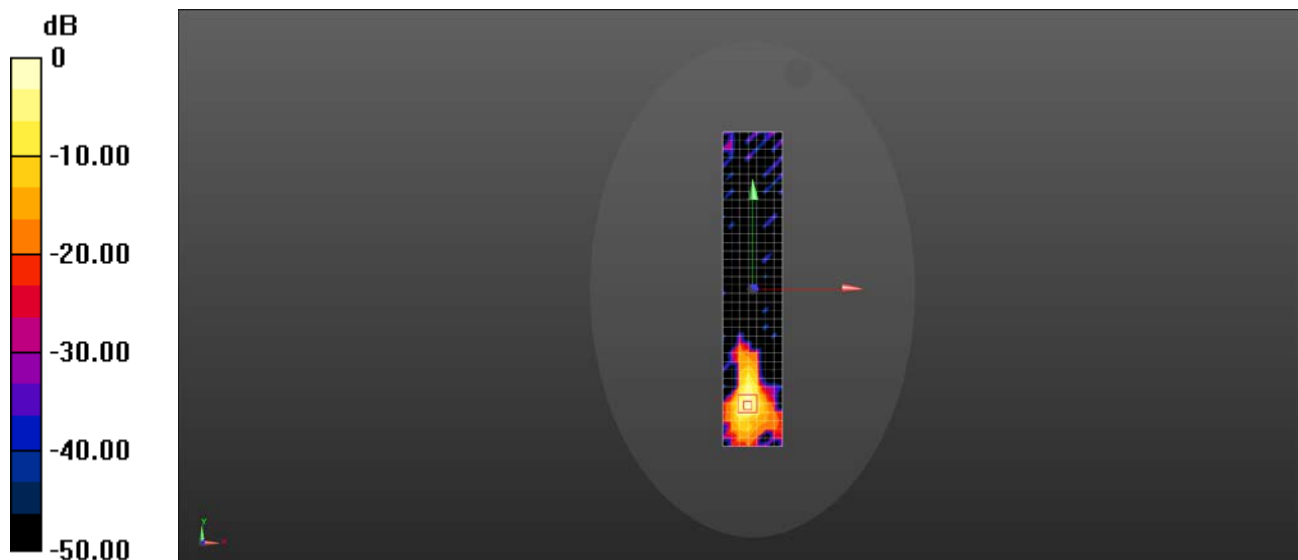
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7380; ConvF(4.96, 4.96, 4.96); Calibrated: 2023-06-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1663; Calibrated: 2023-03-27
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1123
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Body/Area Scan (8x38x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.98 W/kg

Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 4.71 W/kg
SAR(1 g) = 1.26 W/kg; SAR(10 g) = 0.374 W/kg
Maximum value of SAR (measured) = 2.92 W/kg



0 dB = 2.98 W/kg = 4.74 dBW/kg

Date: 2023-12-19

Test Laboratory: SGS-SAR Lab

Bluetooth DH5 39CH Left side 0mm Ant1

DUT: DT340T; Type: Rugged Tablet; Serial: 34RW12336A388

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.3

Medium: HSL2450; Medium parameters used: $f = 2441$ MHz; $\sigma = 1.795$ S/m; $\epsilon_r = 40.138$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7380; ConvF(7.5, 7.5, 7.5); Calibrated: 2023-06-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1663; Calibrated: 2023-03-27
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1123
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Body/Area Scan (7x23x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.308 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.797 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.376 W/kg
SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.091 W/kg
Maximum value of SAR (measured) = 0.308 W/kg

