

Appendix B:SAR Measurement results Plots

Table of contents
2.4G WiFi

Test Laboratory: CTI SAR Lab

WiFi 802.11g 11CH Back Side 0mm

DUT: inFace Visual Blackhead RemoverLite ; Type: NA; Serial: NA

Communication System: UID 0, WiFi 802.11 a/b/g/n/ac (0); Communication System Band: WiFi; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.794$ S/m; $\epsilon_r = 37.516$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7591; ConvF(7.35, 7.35, 7.35); Calibrated: 8/12/2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/4/2022
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.00519 W/kg

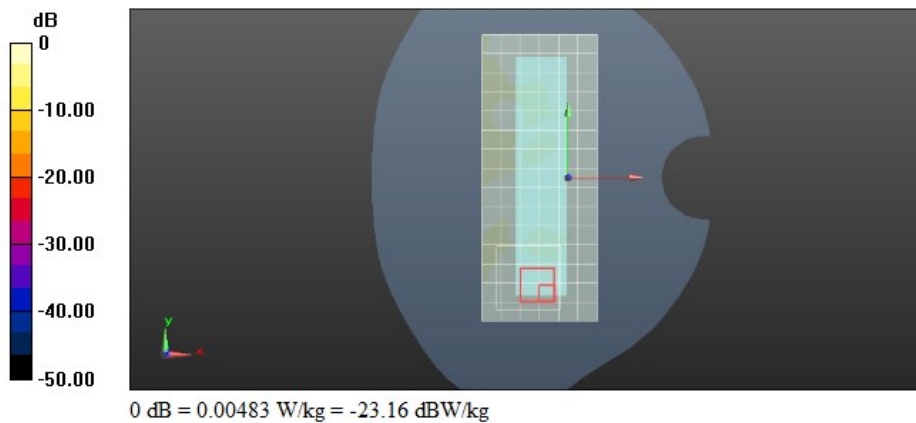
Configuration/Head/Zoom Scan (9x9x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0.6970 V/m; Power Drift = 1.45 dB

Peak SAR (extrapolated) = 0.00792 W/kg

SAR(1 g) = 0.00275 W/kg; SAR(10 g) = 0.00205 W/kg

Maximum value of SAR (measured) = 0.00483 W/kg



Test Laboratory: CTI SAR Lab

WiFi 802.11g 11CH Right Hand Touch Cheek

DUT: inFace Visual Blackhead RemoverLite ; Type: NA; Serial: NA

Communication System: UID 0, WiFi 802.11 a/b/g/n/ac (0); Communication System Band: WiFi; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.793$ S/m; $\epsilon_r = 37.49$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN7591; ConvF(7.35, 7.35, 7.35); Calibrated: 8/12/2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/4/2022
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x12x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.00327 W/kg

Configuration/Body/Zoom Scan (15x13x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0.9970 V/m; Power Drift = 1.52 dB

Peak SAR (extrapolated) = 0.160 W/kg

SAR(1 g) = 0.00217 W/kg; SAR(10 g) = 0.000297 W/kg

Maximum value of SAR (measured) = 0.0572 W/kg

