

Appendix B:SAR Measurement results Plots

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2.4G WiFi

Test Laboratory: CTI SAR Lab

WiFi 802.11g 3CH Left Side 0mm

DUT: inFace Visual Blackhead Remover User Manual; Type: NA; Serial: NA

Communication System: UID 0, WiFi 802.11 a/b/g/n/ac (0); Communication System Band: WiFi; Frequency: 2422 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2422$ MHz; $\sigma = 1.828$ S/m; $\epsilon_r = 38.926$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(7.67, 7.67, 7.67); Calibrated: 2/3/2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/8/2021
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x10x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0215 W/kg

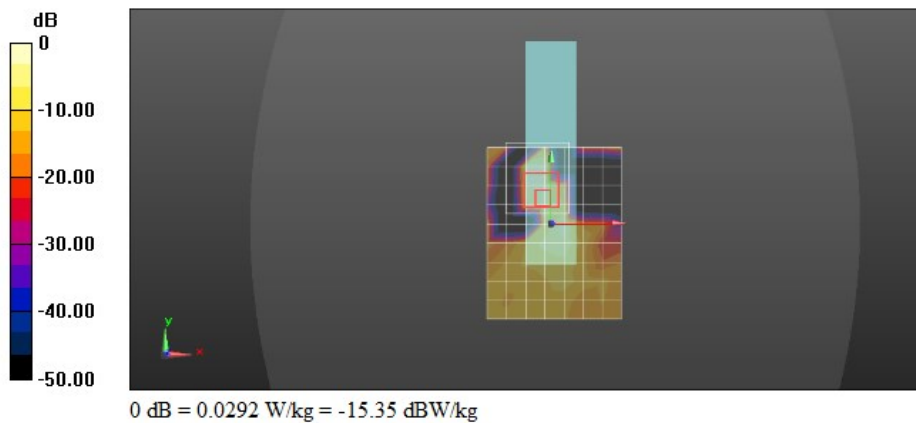
Configuration/Body/Zoom Scan (9x10x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.476 V/m; Power Drift = 0.65 dB

Peak SAR (extrapolated) = 0.0620 W/kg

SAR(1 g) = 0.00902 W/kg; SAR(10 g) = 0.0024 W/kg

Maximum value of SAR (measured) = 0.0292 W/kg



Test Laboratory: CTI SAR Lab

WiFi 802.11g 3CH Left Hand Touch Cheek

DUT: inFace Visual Blackhead Remover User Manual; Type: NA; Serial: NA

Communication System: UID 0, WiFi 802.11 a/b/g/n/ac (0); Communication System Band: WiFi; Frequency: 2422 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2422$ MHz; $\sigma = 1.825$ S/m; $\epsilon_r = 38.964$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(7.67, 7.67, 7.67); Calibrated: 2/3/2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/8/2021
- 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) = 0.0130 W/kg

Configuration/Body/Zoom Scan (11x12x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.00952 W/kg

SAR(1 g) = 0.00527 W/kg; SAR(10 g) = 0.00217 W/kg

Maximum value of SAR (measured) = 0.00803 W/kg

