

Appendix B:SAR Measurement results Plots

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Test Laboratory: CTI SAR Lab

WiFi 802.11b 11CH Front Side 0mm-Ant1

DUT: Tablet Grid Pad 10s ; 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; $\sigma = 1.843$ S/m; $\epsilon_r = 38.598$; $\rho = 1000$ 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 (13x10x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.582 W/kg

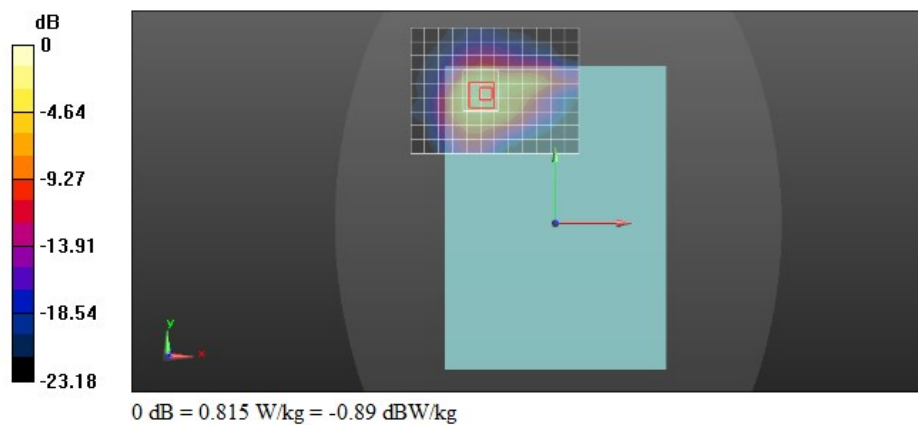
Configuration/Body/Zoom Scan (7x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

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

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.442 W/kg; SAR(10 g) = 0.211 W/kg

Maximum value of SAR (measured) = 0.815 W/kg



Test Laboratory: CTI SAR Lab

WiFi 802.11b 1CH Front Side 0mm-Ant2**DUT: Tablet Grid Pad 10s ; Type: NA; Serial: NA**

Communication System: UID 0, WiFi 802.11 a/b/g/n/ac (0); Communication System Band: WiFi; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.827$ S/m; $\epsilon_r = 38.97$; $\rho = 1000$ 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 (13x10x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.292 W/kg

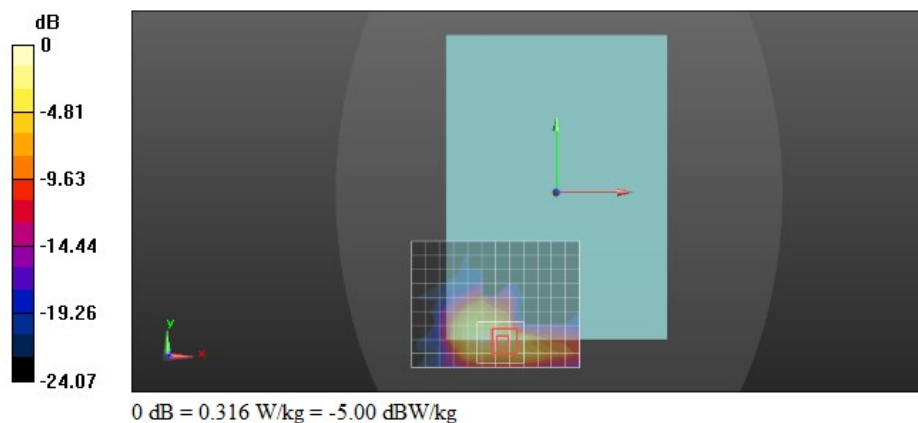
Configuration/Body/Zoom Scan (9x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

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

Peak SAR (extrapolated) = 0.419 W/kg

SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.073 W/kg

Maximum value of SAR (measured) = 0.316 W/kg



Test Laboratory: CTI SAR Lab

WiFi 802.11a 48CH Front Side 0mm-Ant1**DUT: Tablet Grid Pad 10s ; Type: NA; Serial: NA**

Communication System: UID 0, WiFi 802.11 a/b/g/n/ac (0); Communication System Band: WiFi 5.2G; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5240$ MHz; $\sigma = 4.793$ S/m; $\epsilon_r = 36.038$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(5.44, 5.44, 5.44); 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 (13x10x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 2.47 W/kg

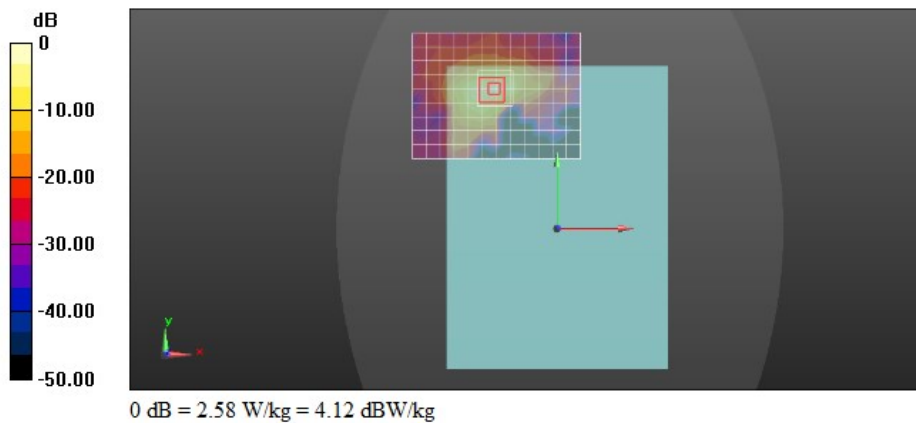
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.285 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 4.51 W/kg

SAR(1 g) = 0.982 W/kg; SAR(10 g) = 0.278 W/kg

Maximum value of SAR (measured) = 2.58 W/kg



Test Laboratory: CTI SAR Lab

WiFi 802.11a 36CH Front Side 0mm-Ant2**DUT: Tablet Grid Pad 10s ; Type: NA; Serial: NA**

Communication System: UID 0, WiFi 802.11 a/b/g/n/ac (0); Communication System Band: WiFi 5.2G; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5180$ MHz; $\sigma = 4.669$ S/m; $\epsilon_r = 36.205$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(5.44, 5.44, 5.44); 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 (13x10x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 2.87 W/kg

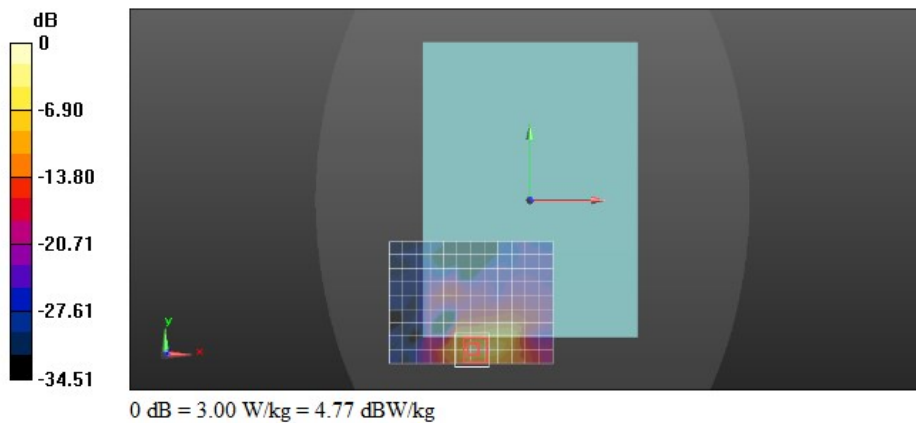
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.353 V/m; Power Drift = 0.43 dB

Peak SAR (extrapolated) = 5.56 W/kg

SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.312 W/kg

Maximum value of SAR (measured) = 3.00 W/kg



Test Laboratory: CTI SAR Lab

WiFi 802.11a 165CH Front Side 0mm-Ant1

DUT: Tablet Grid Pad 10s ; Type: NA; Serial: NA

Communication System: UID 0, WiFi 802.11 a/b/g/n/ac (0); Communication System Band: WiFi 5.8G; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5825$ MHz; $\sigma = 5.382$ S/m; $\epsilon_r = 35.526$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(4.85, 4.85, 4.85); 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 (13x10x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.78 W/kg

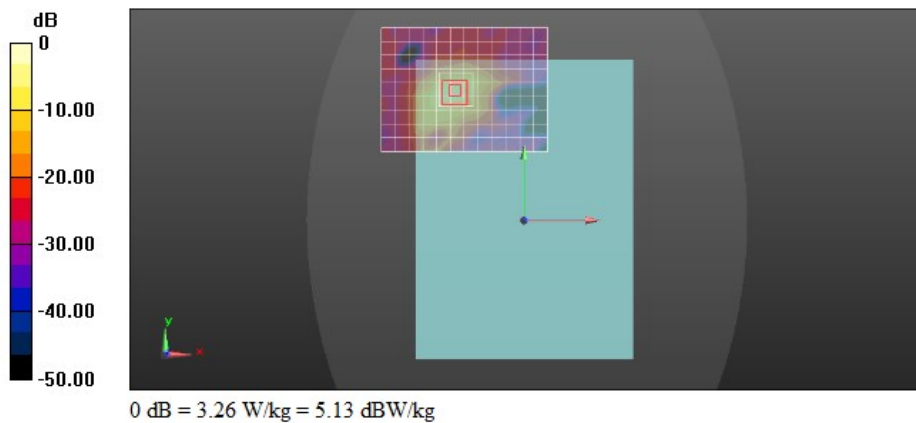
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.226 V/m; Power Drift = -0.83 dB

Peak SAR (extrapolated) = 6.48 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.318 W/kg

Maximum value of SAR (measured) = 3.26 W/kg



Test Laboratory: CTI SAR Lab

WiFi 802.11a 157CH Front Side 0mm-Ant2

DUT: Tablet Grid Pad 10s ; Type: NA; Serial: NA

Communication System: UID 0, WiFi 802.11 a/b/g/n/ac (0); Communication System Band: WiFi 5.8G; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5785$ MHz; $\sigma = 5.291$ S/m; $\epsilon_r = 33.956$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(4.85, 4.85, 4.85); 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 (13x10x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.53 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.385 V/m; Power Drift = 1.55 dB

Peak SAR (extrapolated) = 7.70 W/kg

SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.311 W/kg

Maximum value of SAR (measured) = 3.52 W/kg

