

Appendix B:SAR Measurement results Plots

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Test Laboratory: CTI SAR Lab

WIFI 2.4G 802.11b 1CH Back Side 0mm Ant1**DUT: Tablet; Type: NA; Serial: NA**

Communication System: UID 0, WiFi 802.11 a/b/g/n/ac (0); Communication System Band: WiFi; Frequency: 2412 MHz; Communication System PAR: 0 dB; PMF: 1
 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.746$ S/m; $\epsilon_r = 39.696$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(7.65, 7.65, 7.65) @ 2412 MHz; Calibrated: 5/7/2025
 - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/20/2025
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Body/Area Scan (11x13x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.26 W/kg

Configuration/Body/Zoom Scan (7x7x5)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.472 V/m; Power Drift = 0.07 dB

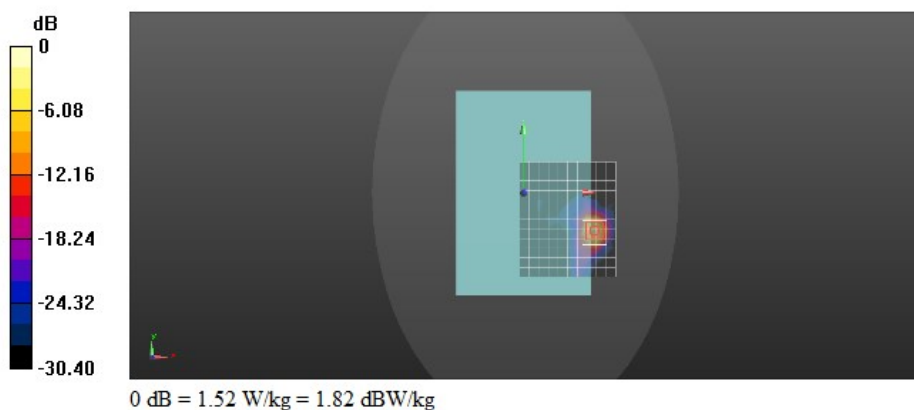
Peak SAR (extrapolated) = 2.08 W/kg

SAR(1 g) = 0.769 W/kg; SAR(10 g) = 0.299 W/kg

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 38%

Maximum value of SAR (measured) = 1.52 W/kg



Test Laboratory: CTI SAR Lab

WIFI 5G 802.11a 48CH Back Side 0mm Ant1**DUT: Tablet; 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; Communication System PAR: 0 dB; PMF: 1

Medium parameters used: $f = 5240$ MHz; $\sigma = 4.682$ S/m; $\epsilon_r = 35.741$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(5.37, 5.37, 5.37) @ 5240 MHz; Calibrated: 5/7/2025
 - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 23.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/20/2025
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Body/Area Scan (13x15x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 1.98 W/kg

Configuration/Body/Zoom Scan (7x7x6)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 10.32 V/m; Power Drift = 0.03 dB

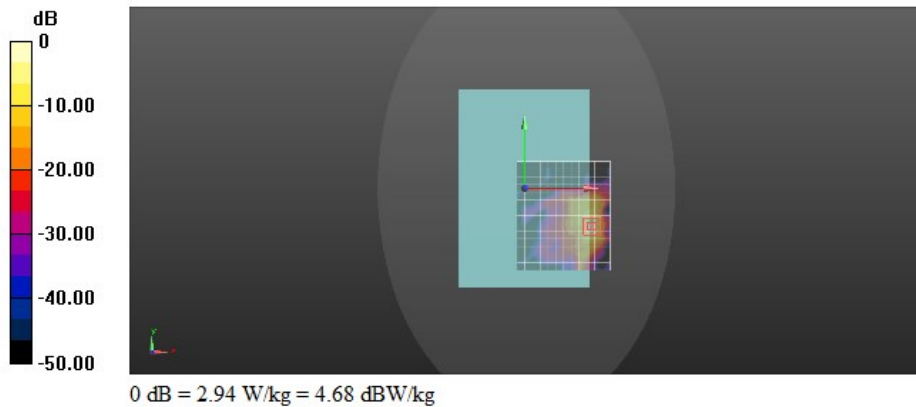
Peak SAR (extrapolated) = 5.16 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.238 W/kg

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 50.4%

Maximum value of SAR (measured) = 2.94 W/kg



Test Laboratory: CTI SAR Lab

WIFI 5G 802.11a 52CH Back Side 0mm Ant1**DUT: Tablet; Type: NA; Serial: NA**

Communication System: UID 0, WiFi 802.11 a/b/g/n/ac (0); Communication System Band: WiFi 5.3G; Frequency: 5260 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used: $f = 5260$ MHz; $\sigma = 4.674$ S/m; $\epsilon_r = 36.072$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(5.37, 5.37, 5.37) @ 5260 MHz; Calibrated: 5/7/2025
 - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 23.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/20/2025
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Body/Area Scan (13x15x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 1.82 W/kg

Configuration/Body/Zoom Scan (7x7x6)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 9.356 V/m; Power Drift = 0.07 dB

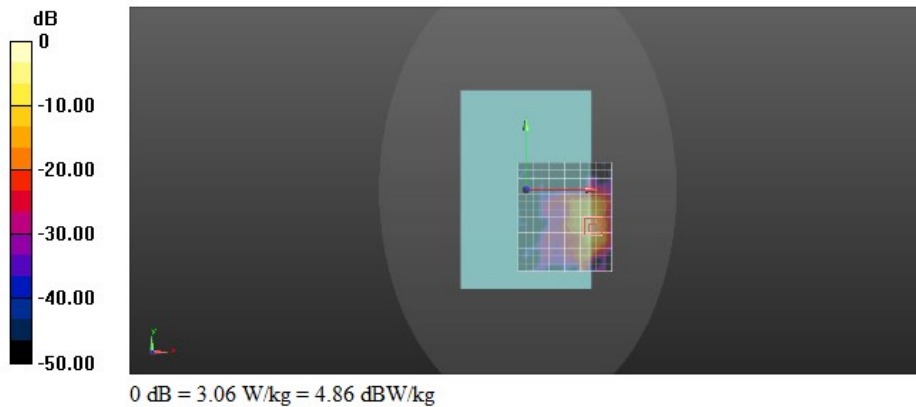
Peak SAR (extrapolated) = 5.83 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.259 W/kg

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 50%

Maximum value of SAR (measured) = 3.06 W/kg



Test Laboratory: CTI SAR Lab

WIFI 5G 802.11a 100CH Back Side 0mm Ant1**DUT: Tablet; Type: NA; Serial: NA**

Communication System: UID 0, WiFi 802.11 a/b/g/n/ac (0); Communication System Band: WiFi 5.5G; Frequency: 5500 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used: $f = 5500$ MHz; $\sigma = 4.991$ S/m; $\epsilon_r = 35.967$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(4.85, 4.85, 4.85) @ 5500 MHz; Calibrated: 5/7/2025
 - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 23.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/20/2025
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Body/Area Scan (13x15x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 2.04 W/kg

Configuration/Body/Zoom Scan (7x7x6)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 10.74 V/m; Power Drift = 0.06 dB

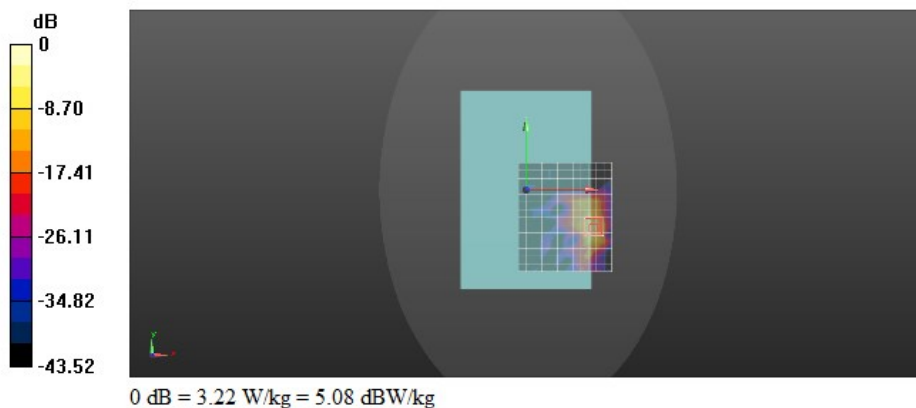
Peak SAR (extrapolated) = 6.25 W/kg

SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.260 W/kg

Smallest distance from peaks to all points 3 dB below = 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 49.6%

Maximum value of SAR (measured) = 3.22 W/kg



Test Laboratory: CTI SAR Lab

WIFI 5G 802.11a 165CH Back Side 0mm Ant1**DUT: Tablet; 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; Communication System PAR: 0 dB; PMF: 1

Medium parameters used: $f = 5825$ MHz; $\sigma = 5.185$ S/m; $\epsilon_r = 34.667$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(4.96, 4.96, 4.96) @ 5825 MHz; Calibrated: 5/7/2025
 - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 23.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/20/2025
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Body/Area Scan (12x15x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 2.70 W/kg

Configuration/Body/Zoom Scan (7x7x6)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 4.546 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 6.60 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.234 W/kg

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 47.5%

Maximum value of SAR (measured) = 2.97 W/kg

