

Appendix B:SAR Measurement results Plots

Table of contents
WiFi 2.4G Body Ant1&Ant2&MIMO
WiFi 5.2G Body Ant1&Ant2&MIMO
WiFi 5.8G Body Ant1&Ant2&MIMO

Test Laboratory: CTI SAR Lab

WIFI 2.4G 802.11b 1CH Front Side 0mm Ant1**DUT: Genesis" 13; 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; $\sigma = 1.789$ S/m; $\epsilon_r = 39.626$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7769; ConvF(7.72, 7.72, 7.72) @ 2412 MHz; Calibrated: 4/8/2026
 - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/12/2026
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Body/Area Scan (13x12x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.228 W/kg

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

Reference Value = 3.692 V/m; Power Drift = 0.08 dB

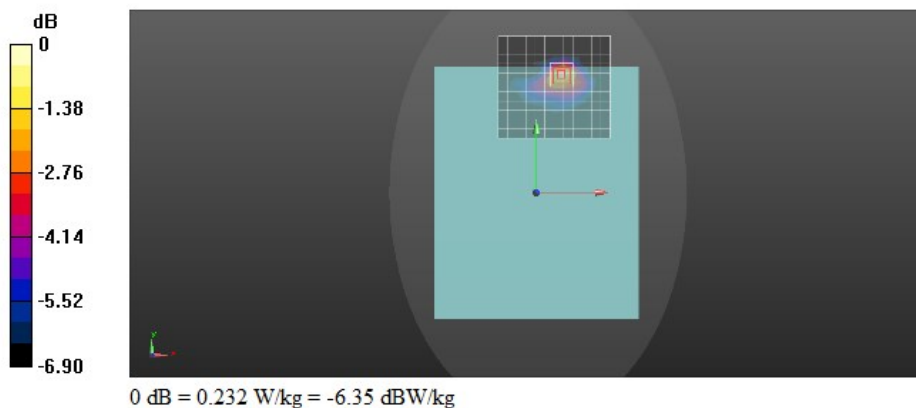
Peak SAR (extrapolated) = 0.299 W/kg

SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.105 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 56.7%

Maximum value of SAR (measured) = 0.232 W/kg



Test Laboratory: CTI SAR Lab

WIFI 2.4G 802.11b 11CH Front Side 0mm Ant2**DUT: Genesis" 13; Type: NA; Serial: NA**

Communication System: UID 0, WiFi 802.11 a/b/g/n/ac (0); Communication System Band: WiFi; Frequency: 2462 MHz; Communication System PAR: 0 dB; PMF: 1
 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.838$ S/m; $\epsilon_r = 39.502$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7769; ConvF(7.72, 7.72, 7.72) @ 2462 MHz; Calibrated: 4/8/2026
 - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/12/2026
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Body/Area Scan (13x12x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.162 W/kg

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

Reference Value = 3.704 V/m; Power Drift = 0.05 dB

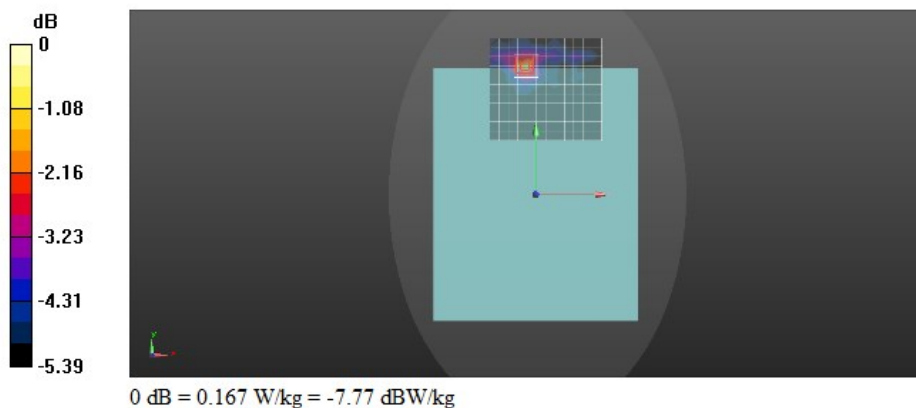
Peak SAR (extrapolated) = 0.202 W/kg

SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.082 W/kg

Smallest distance from peaks to all points 3 dB below = 10.2 mm

Ratio of SAR at M2 to SAR at M1 = 64.8%

Maximum value of SAR (measured) = 0.167 W/kg



Test Laboratory: CTI SAR Lab

WIFI 2.4G 802.11b 1CH Front Side 0mm MIMO

DUT: Genesis" 13; 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; $\sigma = 1.789$ S/m; $\epsilon_r = 39.626$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7769; ConvF(7.72, 7.72, 7.72) @ 2412 MHz; Calibrated: 4/8/2026
 - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/12/2026
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Body/Area Scan (14x12x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.224 W/kg

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

Reference Value = 3.916 V/m; Power Drift = 0.10 dB

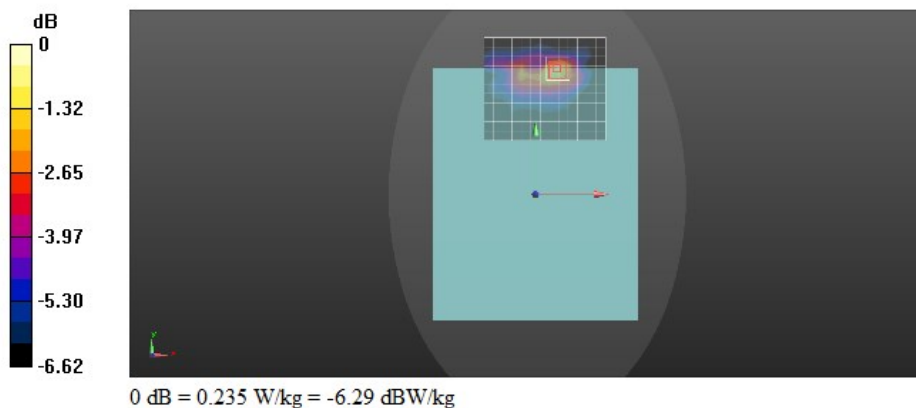
Peak SAR (extrapolated) = 0.287 W/kg

SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.110 W/kg

Smallest distance from peaks to all points 3 dB below = 13 mm

Ratio of SAR at M2 to SAR at M1 = 60.7%

Maximum value of SAR (measured) = 0.235 W/kg



Test Laboratory: CTI SAR Lab

WIFI 5G 802.11a 48CH Front Side 0mm Ant1**DUT: Genesis" 13; 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; $\sigma = 4.575$ S/m; $\epsilon_r = 35.999$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7769; ConvF(5.49, 5.49, 5.49) @ 5240 MHz; Calibrated: 4/8/2026
 - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 23.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/12/2026
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Body/Area Scan (15x13x1); Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.742 W/kg

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

Reference Value = 4.854 V/m; Power Drift = 0.03 dB

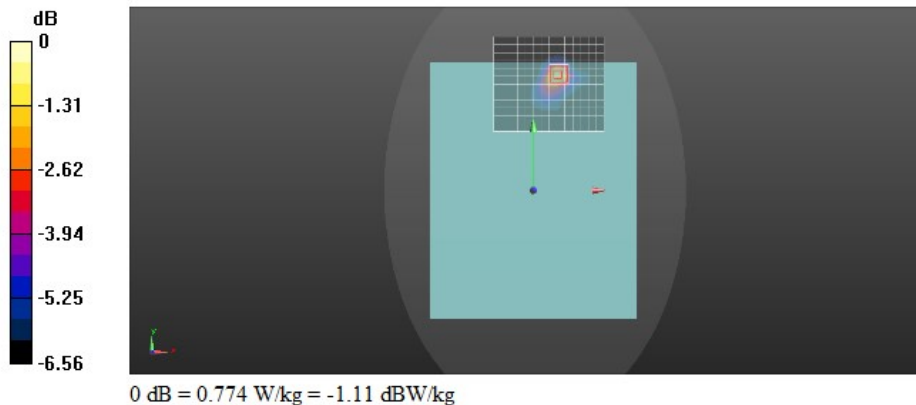
Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.446 W/kg; SAR(10 g) = 0.281 W/kg

Smallest distance from peaks to all points 3 dB below = 12 mm

Ratio of SAR at M2 to SAR at M1 = 53.6%

Maximum value of SAR (measured) = 0.774 W/kg



Test Laboratory: CTI SAR Lab

WIFI 5G 802.11a 40CH Front Side 0mm Ant2

DUT: Genesis" 13; Type: NA; Serial: NA

Communication System: UID 0, WiFi 802.11 a/b/g/n/ac (0); Communication System Band: WiFi 5.2G; Frequency: 5200 MHz;Communication System PAR: 0 dB; PMF: 1

Medium parameters used: f = 5200 MHz; $\sigma = 4.594 \text{ S/m}$; $\epsilon_r = 36.05$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7769; ConvF(5.49, 5.49, 5.49) @ 5200 MHz; Calibrated: 4/8/2026
 - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 23.0
- Electronics: DAE4 Sn1458; Calibrated: 1/12/2026
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Body/Area Scan (15x13x1); Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.660 W/kg

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

Reference Value = 5.909 V/m; Power Drift = -0.05 dB

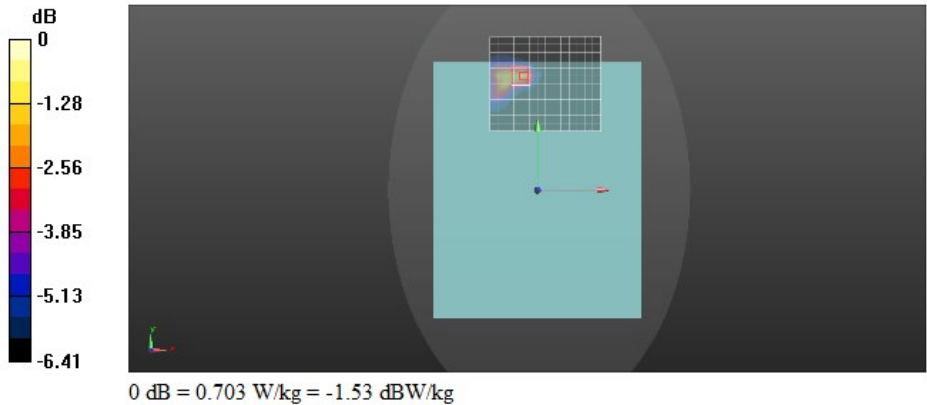
Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.386 W/kg; SAR(10 g) = 0.244 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 65.6%

Maximum value of SAR (measured) = 0.703 W/kg



Test Laboratory: CTI SAR Lab

WIFI 5G 802.11a 48CH Front Side 0mm MIMO**DUT: Genesis" 13; 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; $\sigma = 4.575$ S/m; $\epsilon_r = 35.999$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7769; ConvF(5.49, 5.49, 5.49) @ 5240 MHz; Calibrated: 4/8/2026
 - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 23.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/12/2026
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Body/Area Scan (17x13x1); Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.840 W/kg

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

Reference Value = 5.032 V/m; Power Drift = 0.04 dB

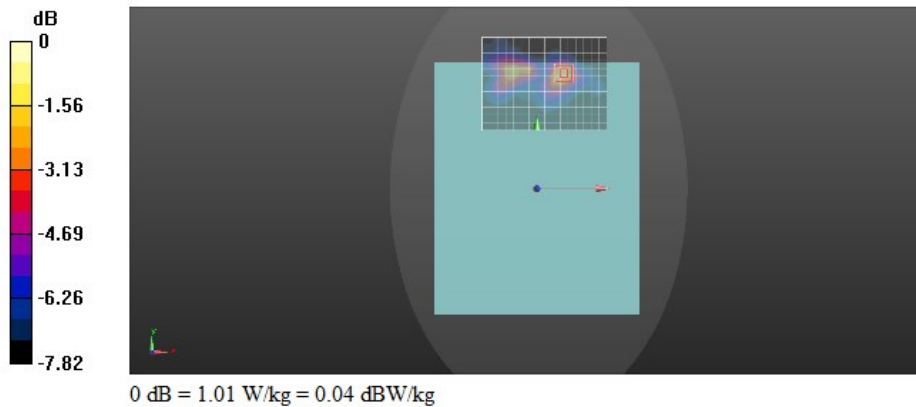
Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.540 W/kg; SAR(10 g) = 0.318 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 61.4%

Maximum value of SAR (measured) = 1.01 W/kg



Test Laboratory: CTI SAR Lab

WIFI 5G 802.11a 157CH Front Side 0mm Ant1**DUT: Genesis" 13; 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; Communication System PAR: 0 dB; PMF: 1

Medium parameters used: $f = 5785$ MHz; $\sigma = 5.108$ S/m; $\epsilon_r = 35.139$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7769; ConvF(5, 5, 5) @ 5785 MHz; Calibrated: 4/8/2026
 - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 23.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/12/2026
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Body/Area Scan (15x13x1); Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.972 W/kg

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

Reference Value = 4.967 V/m; Power Drift = 0.05 dB

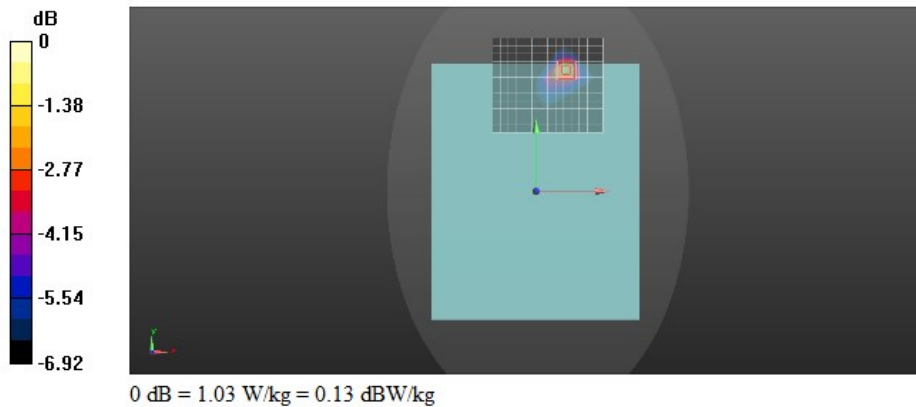
Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 0.551 W/kg; SAR(10 g) = 0.341 W/kg

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 61.2%

Maximum value of SAR (measured) = 1.03 W/kg



Test Laboratory: CTI SAR Lab

WIFI 5G 802.11a 157CH Front Side 0mm Ant2**DUT: Genesis" 13; 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; Communication System PAR: 0 dB; PMF: 1

Medium parameters used: $f = 5785$ MHz; $\sigma = 5.108$ S/m; $\epsilon_r = 35.139$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7769; ConvF(5, 5, 5) @ 5785 MHz; Calibrated: 4/8/2026
 - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 23.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/12/2026
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Body/Area Scan (15x13x1); Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.66 W/kg

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

Reference Value = 5.773 V/m; Power Drift = 0.01 dB

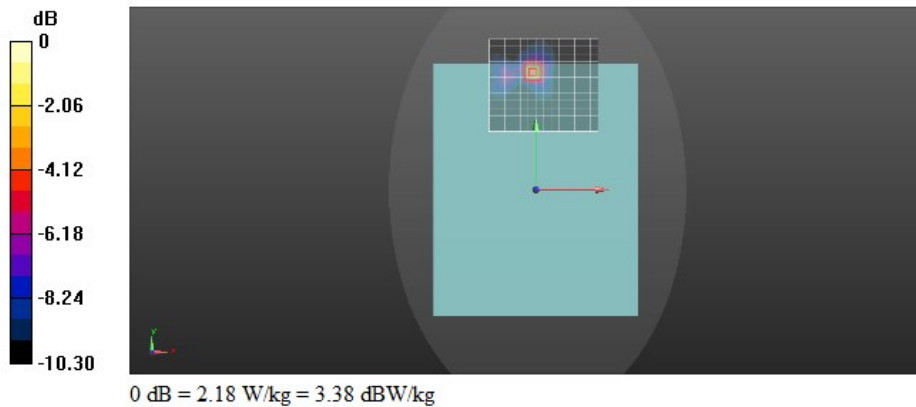
Peak SAR (extrapolated) = 3.66 W/kg

SAR(1 g) = 1 W/kg; SAR(10 g) = 0.463 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 56.5%

Maximum value of SAR (measured) = 2.18 W/kg



Test Laboratory: CTI SAR Lab

WIFI 5G 802.11a 165CH Front Side 0mm MIMO

DUT: Genesis" 13; 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; σ = 5.078 S/m; ϵ_r = 35.151; ρ = 1000 kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7769; ConvF(5, 5, 5) @ 5825 MHz; Calibrated: 4/8/2026
 - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 23.0
- Electronics: DAE4 Sn1458; Calibrated: 1/12/2026
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Body/Area Scan (17x13x1); Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.71 W/kg

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

Reference Value = 5.452 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 3.83 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.485 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 55.4%

Maximum value of SAR (measured) = 2.25 W/kg

