

Date: 2025/1/18

ID: 051

Report No. :TESA2501000076EN

NR n66 (20M)\_Body\_Bottom of Laptop\_CH 344000\_Pi/2 BPSK\_1-1\_0mm\_Mimo2

Communication System: 5G NR(20MHz,Pi/2 BPSK, 15kHz); Frequency: 1720 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 1720 \text{ MHz}$ ;  $\sigma = 1.391 \text{ S/m}$ ;  $\epsilon_r = 41.173$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 21.5°C; Liquid temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7712; ConvF(8.49, 8.17, 8.46) @ 1720 MHz; Calibrated: 2024/4/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (51x101x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.56 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.023 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.83 W/kg

**SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.559 W/kg**

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 60.3%

Maximum value of SAR (measured) = 1.58 W/kg

**Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.023 V/m; Power Drift = 0.08 dB

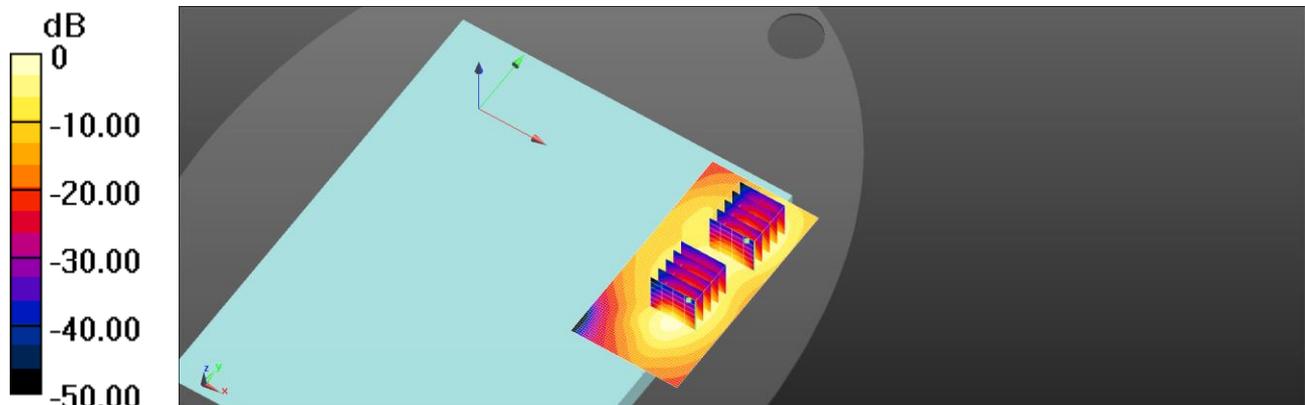
Peak SAR (extrapolated) = 1.71 W/kg

**SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.595 W/kg**

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 65.2%

Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.56 W/kg = 1.93 dBW/kg

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Date: 2025/1/23

ID: 052

Report No. :TESA2501000076EN

NR n38 (20M)\_Body\_Bottom of Laptop\_CH 522000\_Pi/2 BPSK\_1-1\_0mm\_Mimo2

Communication System: 5G NR(20MHz,Pi/2 BPSK, 15kHz); Frequency: 2610 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 2610 \text{ MHz}$ ;  $\sigma = 2.041 \text{ S/m}$ ;  $\epsilon_r = 39.978$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 21.8°C; Liquid temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7712; ConvF(7.64, 7.36, 7.49) @ 2610 MHz; Calibrated: 2024/4/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (71x111x1):** Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 1.86 W/kg

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

Reference Value = 2.122 V/m; Power Drift = 0.15 dB

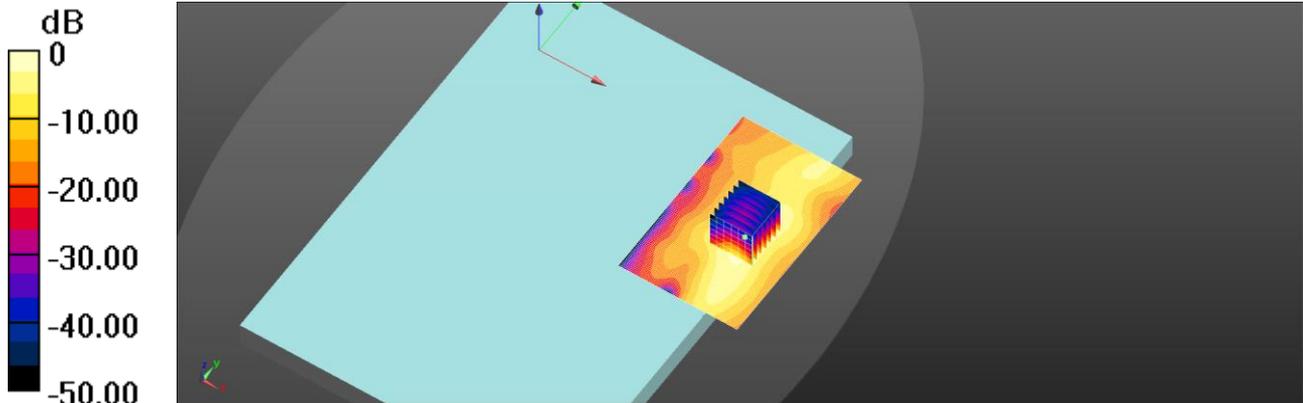
Peak SAR (extrapolated) = 2.26 W/kg

**SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.507 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.9 mm

Ratio of SAR at M2 to SAR at M1 = 52.1%

Maximum value of SAR (measured) = 1.84 W/kg



0 dB = 1.86 W/kg = 2.69 dBW/kg

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Date: 2025/1/23

ID: 053

Report No. :TESA2501000076EN

NR n41 (100M)\_Body\_Bottom of Laptop\_CH 528000\_Pi/2 BPSK\_1-1\_0mm\_PC3\_Mimo2

Communication System: 5G NR(100 MHz, Pi/2 BPSK, 30KHz; Frequency: 2640 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 2640 \text{ MHz}$ ;  $\sigma = 2.077 \text{ S/m}$ ;  $\epsilon_r = 39.953$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 21.8°C; Liquid temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7712; ConvF(7.64, 7.36, 7.49) @ 2640 MHz; Calibrated: 2024/4/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (71x111x1):** Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 1.33 W/kg

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

Reference Value = 3.014 V/m; Power Drift = 0.18 dB

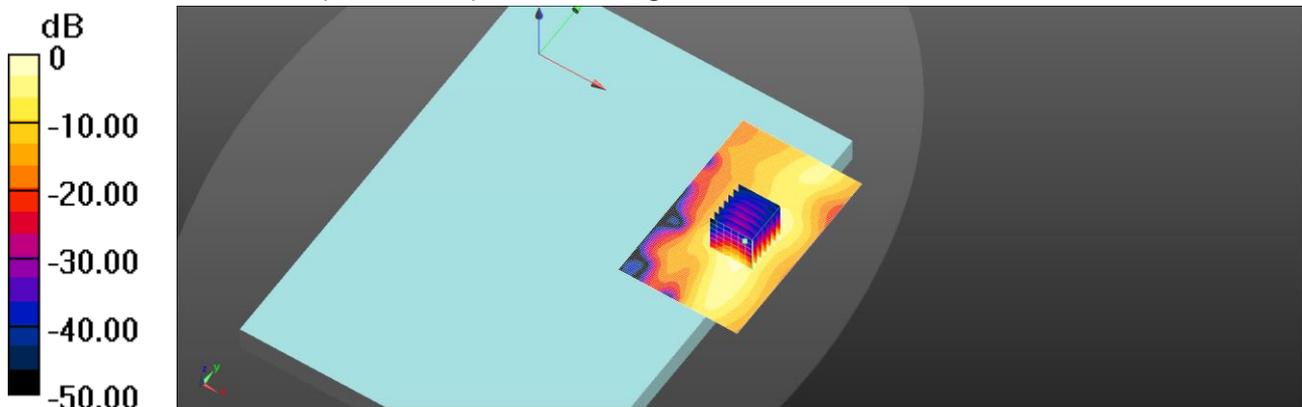
Peak SAR (extrapolated) = 1.60 W/kg

**SAR(1 g) = 0.799 W/kg; SAR(10 g) = 0.366 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.9 mm

Ratio of SAR at M2 to SAR at M1 = 51.8%

Maximum value of SAR (measured) = 1.31 W/kg



0 dB = 1.33 W/kg = 1.23 dBW/kg

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Date: 2025/1/23

ID: 054

Report No. :TESA2501000076EN

NR n41 (100M)\_Body\_Bottom of Laptop\_CH 528000\_Pi/2 BPSK\_1-1\_0mm\_PC2\_Mimo2

Communication System: 5G NR(100 MHz, Pi/2 BPSK, 30KHz; Frequency: 2640 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 2640 \text{ MHz}$ ;  $\sigma = 2.077 \text{ S/m}$ ;  $\epsilon_r = 39.953$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 21.8°C; Liquid temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7712; ConvF(7.64, 7.36, 7.49) @ 2640 MHz; Calibrated: 2024/4/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (71x111x1):** Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 1.83 W/kg

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

Reference Value = 2.132 V/m; Power Drift = 0.19 dB

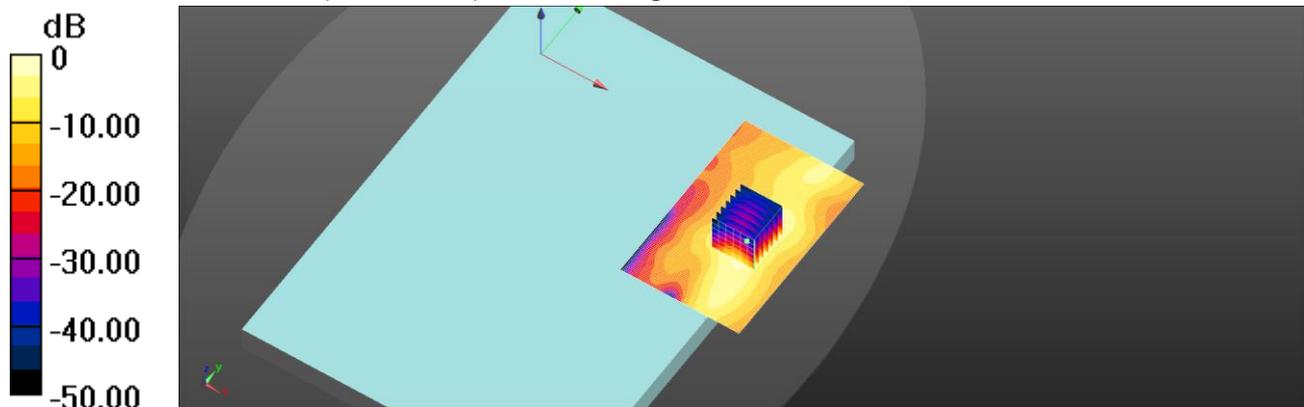
Peak SAR (extrapolated) = 2.18 W/kg

**SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.496 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.9 mm

Ratio of SAR at M2 to SAR at M1 = 51.7%

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



0 dB = 1.83 W/kg = 2.63 dBW/kg

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Date: 2025/1/31

ID: 055

Report No. :TESA2501000076EN

NR n77 (100M)\_Body\_Bottom of Laptop\_CH 659000\_Pi/2 BPSK\_1-1\_0mm\_PC3\_FCC\_Mimo2

Communication System: 5G NR(100 MHz, Pi/2 BPSK, 30KHz; Frequency: 3885 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 3885 \text{ MHz}$ ;  $\sigma = 3.323 \text{ S/m}$ ;  $\epsilon_r = 37.619$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7712; ConvF(6.66, 6.41, 6.49) @ 3885 MHz; Calibrated: 2024/4/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (71x111x1):** Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 2.08 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 2.127 V/m; Power Drift = 0.11 dB

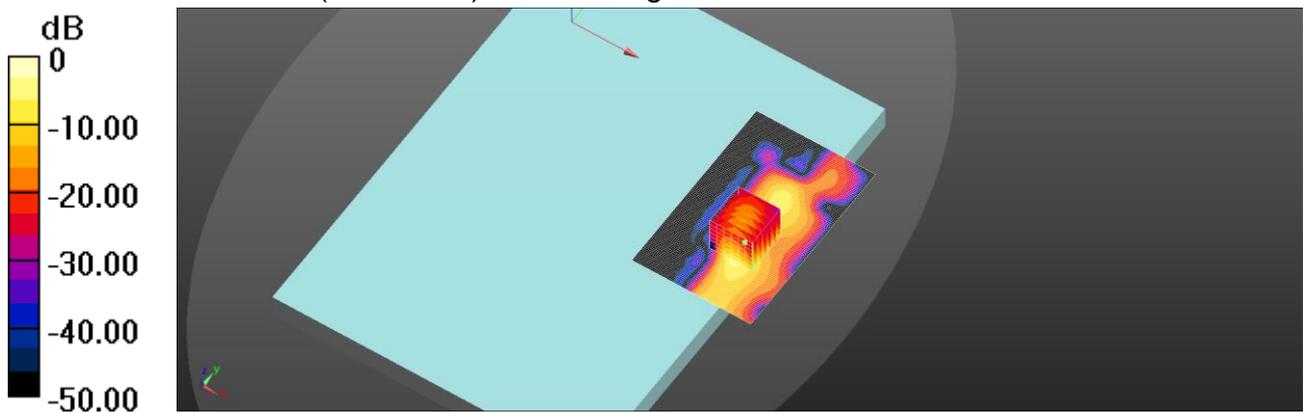
Peak SAR (extrapolated) = 2.88 W/kg

**SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.320 W/kg**

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

Ratio of SAR at M2 to SAR at M1 = 50.1%

Maximum value of SAR (measured) = 2.07 W/kg



0 dB = 2.08 W/kg = 3.18 dBW/kg

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Member of SGS Group

Date: 2025/1/31

ID: 056

Report No. :TESA2501000076EN

NR n77 (100M)\_Body\_Bottom of Laptop\_CH 659000\_Pi/2 BPSK\_1-1\_0mm\_PC2\_FCC\_Mimo2

Communication System: 5G NR(100 MHz, Pi/2 BPSK, 30KHz; Frequency: 3885 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 3885 \text{ MHz}$ ;  $\sigma = 3.323 \text{ S/m}$ ;  $\epsilon_r = 37.619$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7712; ConvF(6.66, 6.41, 6.49) @ 3885 MHz; Calibrated: 2024/4/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (71x111x1):** Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 2.11 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 4.123 V/m; Power Drift = 0.19 dB

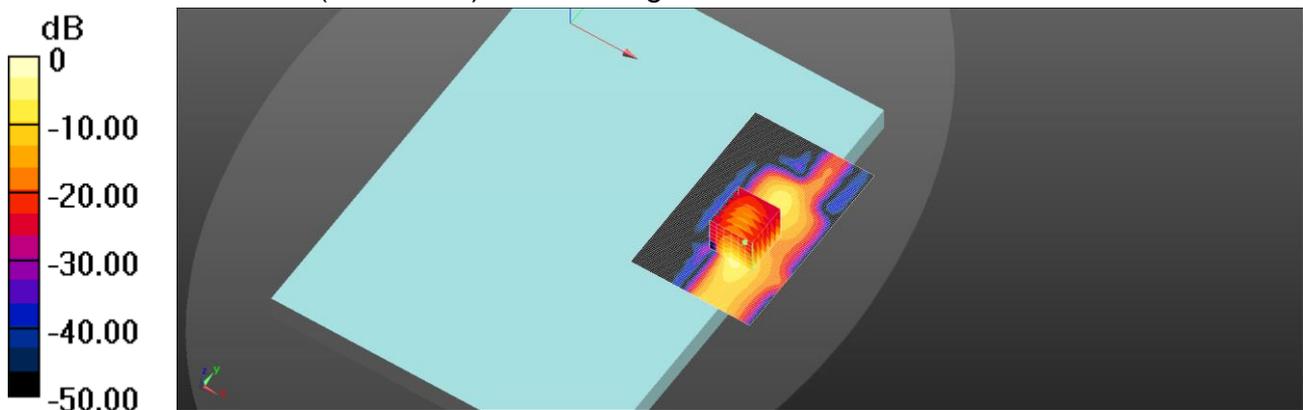
Peak SAR (extrapolated) = 2.79 W/kg

**SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.316 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) = 2.06 W/kg



0 dB = 2.11 W/kg = 3.24 dBW/kg

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Date: 2025/1/26

ID: 057

Report No. :TESA2501000076EN

NR n77 &amp; 78 (100MHz)\_Body\_Bottom of Laptop\_CH 633333\_Pi/2 BPSK\_1-1\_0mm\_PC3\_FCC\_Mimo2

Communication System: 5G NR(100 MHz, Pi/2 BPSK, 30KHz; Frequency: 3499.995 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 3499.995 \text{ MHz}$ ;  $\sigma = 2.981 \text{ S/m}$ ;  $\epsilon_r = 38.81$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7712; ConvF(6.91, 6.66, 6.75) @ 3499.995 MHz; Calibrated: 2024/4/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (71x111x1):** Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 1.63 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 2.156 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 2.06 W/kg

**SAR(1 g) = 0.861 W/kg; SAR(10 g) = 0.346 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.3 mm

Ratio of SAR at M2 to SAR at M1 = 51.2%

Maximum value of SAR (measured) = 1.57 W/kg

**Zoom Scan (7x7x8)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 2.156 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.96 W/kg

**SAR(1 g) = 0.865 W/kg; SAR(10 g) = 0.339 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.3 mm

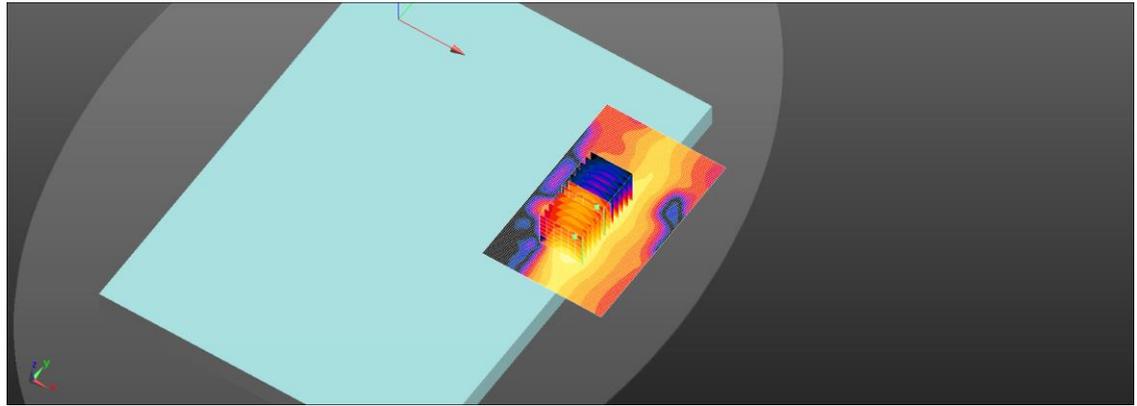
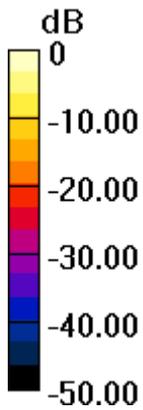
Ratio of SAR at M2 to SAR at M1 = 55.6%

Maximum value of SAR (measured) = 1.55 W/kg

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0 dB = 1.63 W/kg = 2.12 dBW/kg

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Date: 2025/1/26

ID: 058

Report No. :TESA2501000076EN

NR n77 & 78 (100MHz)\_Body\_Bottom of Laptop\_CH 633333\_Pi/2 BPSK\_1-1\_0mm\_PC2\_FCC\_Mimo2

Communication System: 5G NR(100 MHz, Pi/2 BPSK, 30KHz; Frequency: 3499.995 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 3499.995 \text{ MHz}$ ;  $\sigma = 2.981 \text{ S/m}$ ;  $\epsilon_r = 38.81$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7712; ConvF(6.91, 6.66, 6.75) @ 3499.995 MHz; Calibrated: 2024/4/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (71x111x1):** Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 1.67 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 2.198 V/m; Power Drift = 0.16 dB

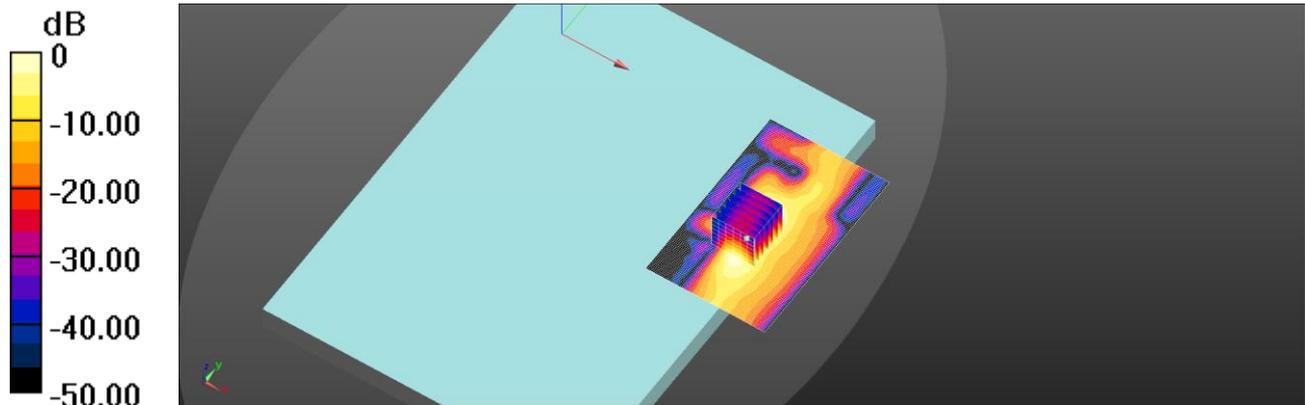
Peak SAR (extrapolated) = 2.10 W/kg

**SAR(1 g) = 0.885 W/kg; SAR(10 g) = 0.349 W/kg**

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

Ratio of SAR at M2 to SAR at M1 = 51.6%

Maximum value of SAR (measured) = 1.61 W/kg



0 dB = 1.67 W/kg = 2.23 dBW/kg

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Date: 2025/1/29

ID: 059

Report No. :TESA2501000076EN

NR n78 (100MHz)\_Body\_Bottom of Laptop\_CH 650000\_Pi/2 BPSK\_1-1\_0mm\_PC3\_Mimo2

Communication System: 5G NR(100 MHz, Pi/2 BPSK, 30KHz; Frequency: 3750 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 3750 \text{ MHz}$ ;  $\sigma = 3.131 \text{ S/m}$ ;  $\epsilon_r = 37.212$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 21.9°C; Liquid temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7712; ConvF(6.72, 6.43, 6.54) @ 3750 MHz; Calibrated: 2024/4/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (71x111x1):** Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 2.30 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 2.454 V/m; Power Drift = 0.14 dB

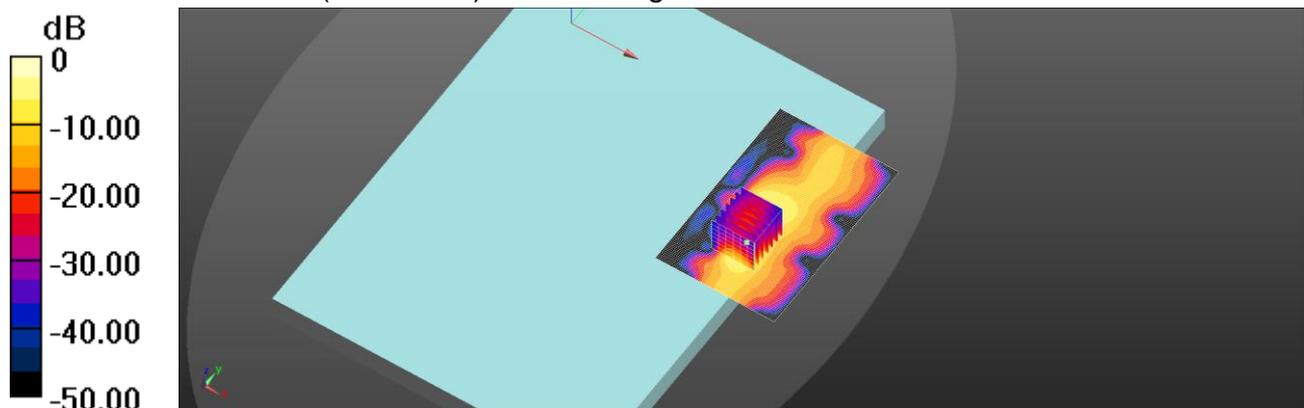
Peak SAR (extrapolated) = 2.96 W/kg

**SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.390 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 52.6%

Maximum value of SAR (measured) = 2.22 W/kg



0 dB = 2.30 W/kg = 3.62 dBW/kg

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Date: 2025/1/29

ID: 060

Report No. :TESA2501000076EN

NR n78 (100MHz)\_Body\_Bottom of Laptop\_CH 650000\_Pi/2 BPSK\_1-1\_0mm\_PC2\_Mimo2

Communication System: 5G NR(100 MHz, Pi/2 BPSK, 30KHz; Frequency: 3750 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 3750 \text{ MHz}$ ;  $\sigma = 3.131 \text{ S/m}$ ;  $\epsilon_r = 37.212$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 21.9°C; Liquid temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7712; ConvF(6.72, 6.43, 6.54) @ 3750 MHz; Calibrated: 2024/4/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (71x111x1):** Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 2.20 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 2.241 V/m; Power Drift = 0.12 dB

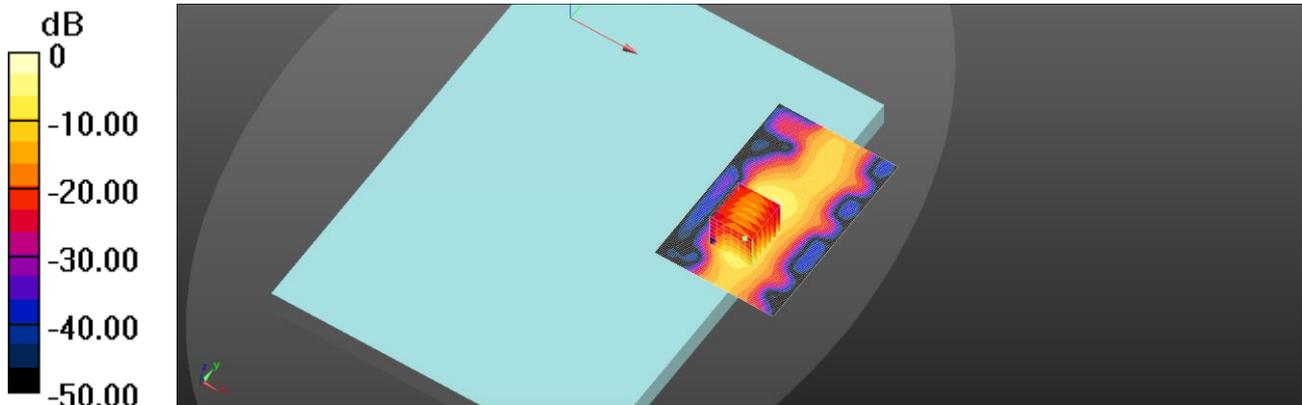
Peak SAR (extrapolated) = 2.95 W/kg

**SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.387 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 52.1%

Maximum value of SAR (measured) = 2.20 W/kg



0 dB = 2.20 W/kg = 3.43 dBW/kg

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## 11 SAR SYSTEM CHECK RESULTS

Date: 2025/1/16

Report No. :TESA2501000076EN

Dipole 750 MHz\_SN:1015

Communication System: CW; Frequency: 750 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.906 \text{ S/m}$ ;  $\epsilon_r = 42.583$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7712; ConvF(9.57, 9.46, 9.78) @ 750 MHz; Calibrated: 2024/4/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (41x141x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

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

Reference Value = 54.65 V/m; Power Drift = 0.02 dB

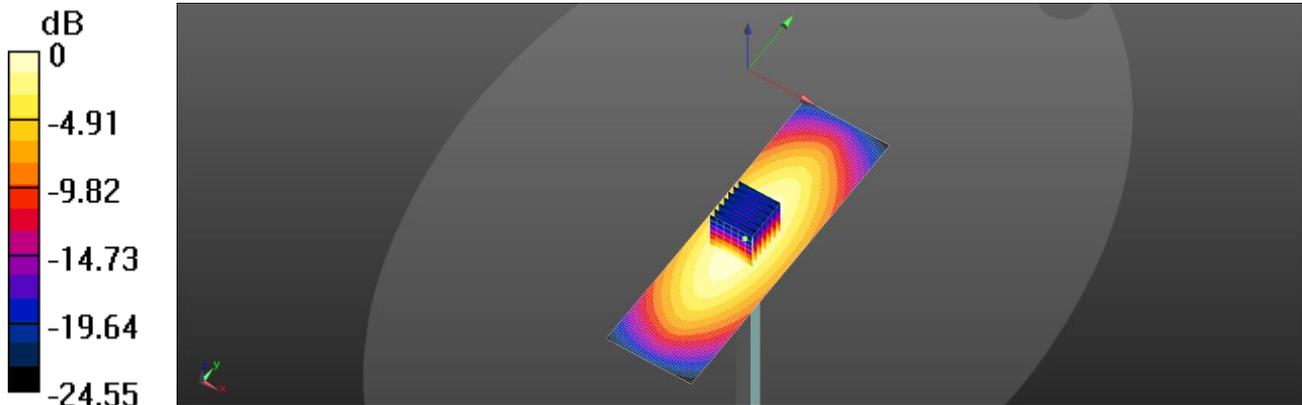
Peak SAR (extrapolated) = 2.98 W/kg

**SAR(1 g) = 2.1 W/kg; SAR(10 g) = 1.41 W/kg**

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 70%

Maximum value of SAR (measured) = 2.60 W/kg



0 dB = 2.58 W/kg = 4.12 dBW/kg

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Date: 2025/1/17

**Report No. :TESA2501000076EN**

**Dipole 835 MHz SN:4d063**

Communication System: CW; Frequency: 835 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.894 \text{ S/m}$ ;  $\epsilon_r = 41.09$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 21.8°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7712; ConvF(9.5, 9.1, 9.44) @ 835 MHz; Calibrated: 2024/4/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (81x121x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 2.93 W/kg

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

Reference Value = 60.97 V/m; Power Drift = 0.08 dB

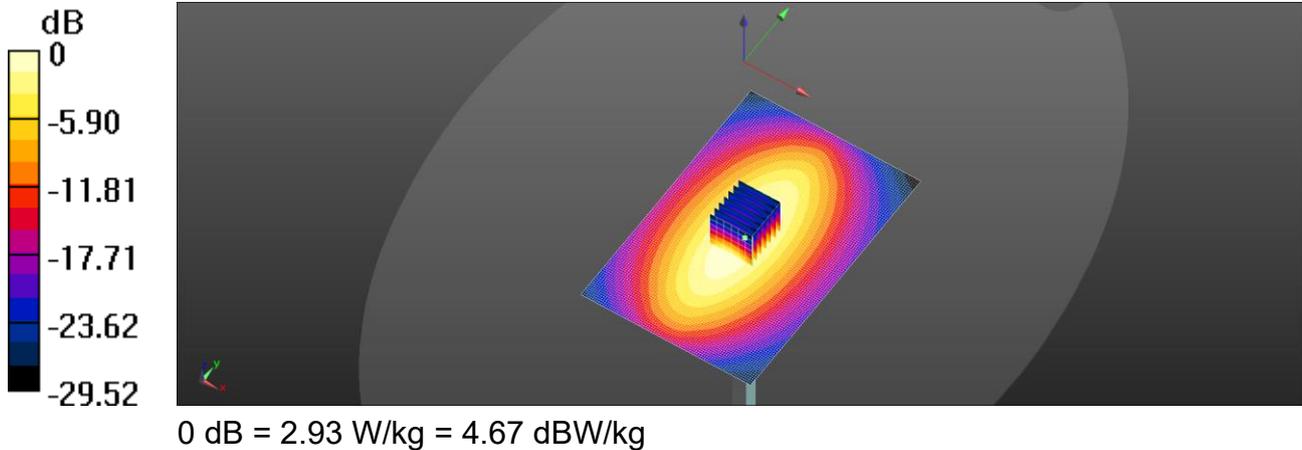
Peak SAR (extrapolated) = 3.45 W/kg

**SAR(1 g) = 2.36 W/kg; SAR(10 g) = 1.56 W/kg**

Smallest distance from peaks to all points 3 dB below = 18.9 mm

Ratio of SAR at M2 to SAR at M1 = 67.2%

Maximum value of SAR (measured) = 2.92 W/kg



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Date: 2025/1/18

Report No. :TESA2501000076EN

Dipole 1750 MHz\_SN:1008

Communication System: CW; Frequency: 1750 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.408$  S/m;  $\epsilon_r = 41.129$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 21.5°C; Liquid temperature: 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7712; ConvF(8.49, 8.17, 8.46) @ 1750 MHz; Calibrated: 2024/4/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (41x71x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 13.6 W/kg

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

Reference Value = 85.57 V/m; Power Drift = -0.01 dB

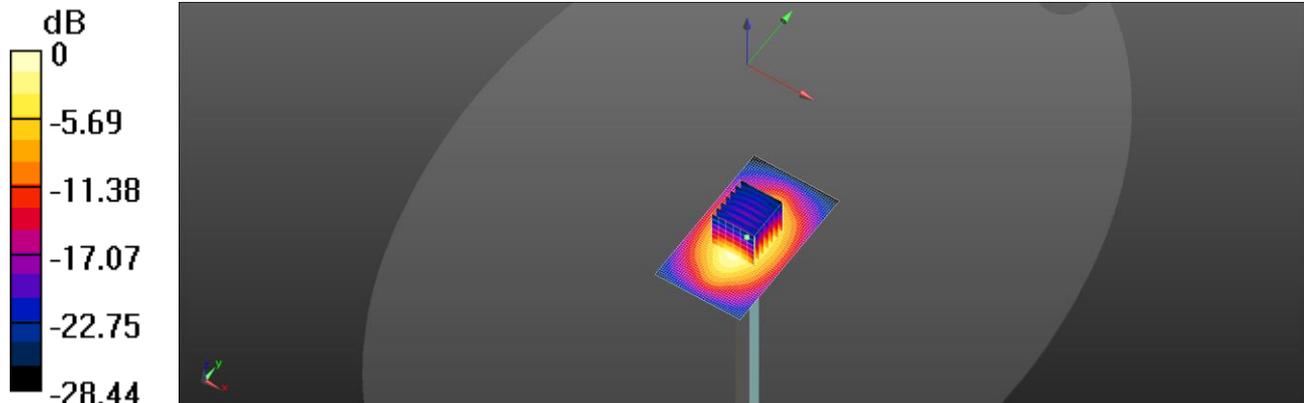
Peak SAR (extrapolated) = 17.0 W/kg

**SAR(1 g) = 8.99 W/kg; SAR(10 g) = 4.72 W/kg**

Smallest distance from peaks to all points 3 dB below = 11 mm

Ratio of SAR at M2 to SAR at M1 = 53.2%

Maximum value of SAR (measured) = 13.0 W/kg



0 dB = 13.6 W/kg = 11.32 dBW/kg

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Date: 2025/1/19

Report No. :TESA2501000076EN

Dipole 1900 MHz\_SN:5d173

Communication System: CW; Frequency: 1900 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.46 \text{ S/m}$ ;  $\epsilon_r = 41.191$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 21.9°C; Liquid temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7712; ConvF(8.17, 7.9, 8.07) @ 1900 MHz; Calibrated: 2024/4/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (61x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 16.0 W/kg

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

Reference Value = 99.07 V/m; Power Drift = 0.02 dB

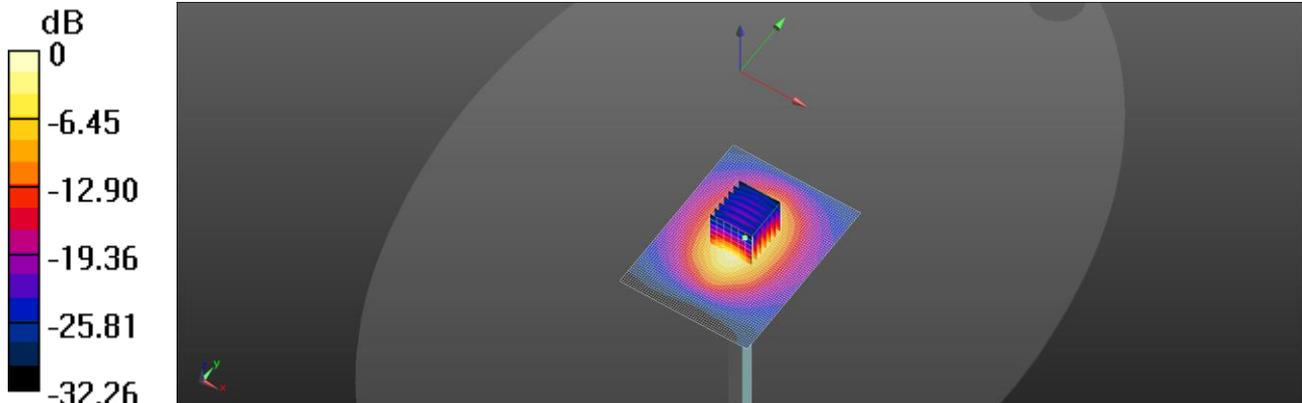
Peak SAR (extrapolated) = 19.7 W/kg

**SAR(1 g) = 10.3 W/kg; SAR(10 g) = 5.29 W/kg**

Smallest distance from peaks to all points 3 dB below = 10 mm

Ratio of SAR at M2 to SAR at M1 = 52.8%

Maximum value of SAR (measured) = 15.1 W/kg



0 dB = 16.0 W/kg = 12.04 dBW/kg

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Date: 2025/1/20

Report No. :TESA2501000076EN

Dipole 1900 MHz\_SN:5d173

Communication System: CW; Frequency: 1900 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.392$  S/m;  $\epsilon_r = 39.492$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7712; ConvF(8.17, 7.9, 8.07) @ 1900 MHz; Calibrated: 2024/4/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (61x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 16.0 W/kg

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

Reference Value = 99.25 V/m; Power Drift = 0.01 dB

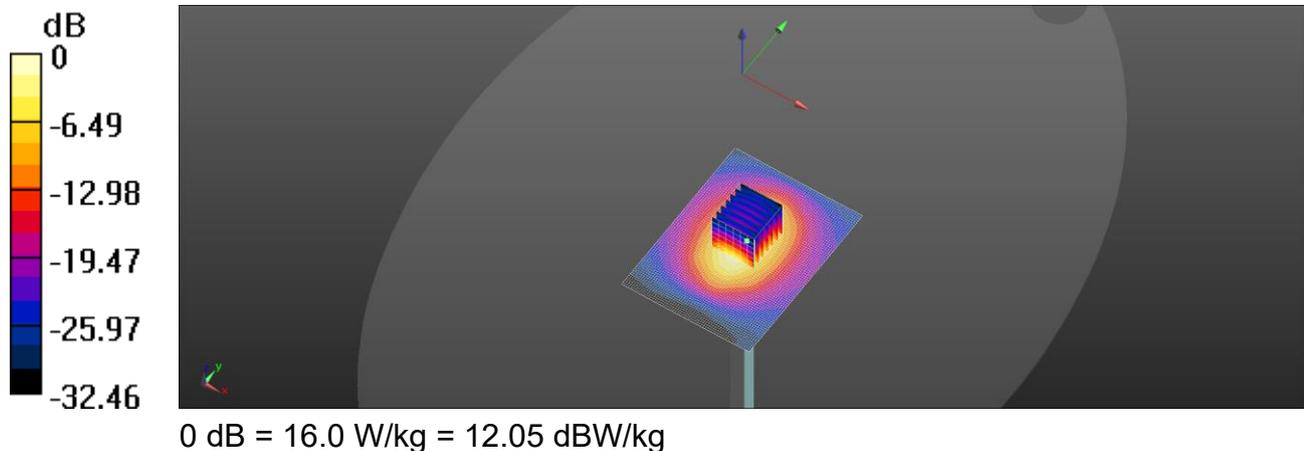
Peak SAR (extrapolated) = 19.7 W/kg

**SAR(1 g) = 10.4 W/kg; SAR(10 g) = 5.34 W/kg**

Smallest distance from peaks to all points 3 dB below = 10 mm

Ratio of SAR at M2 to SAR at M1 = 52.7%

Maximum value of SAR (measured) = 15.1 W/kg



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Date: 2025/1/21

Report No. :TESA2501000076EN

Dipole 2300 MHz\_SN:1023

Communication System: CW; Frequency: 2300 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 2300$  MHz;  $\sigma = 1.631$  S/m;  $\epsilon_r = 38.551$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7712; ConvF(7.98, 7.68, 7.79) @ 2300 MHz; Calibrated: 2024/4/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (61x61x1):** Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 18.4 W/kg

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

Reference Value = 107.3 V/m; Power Drift = -0.05 dB

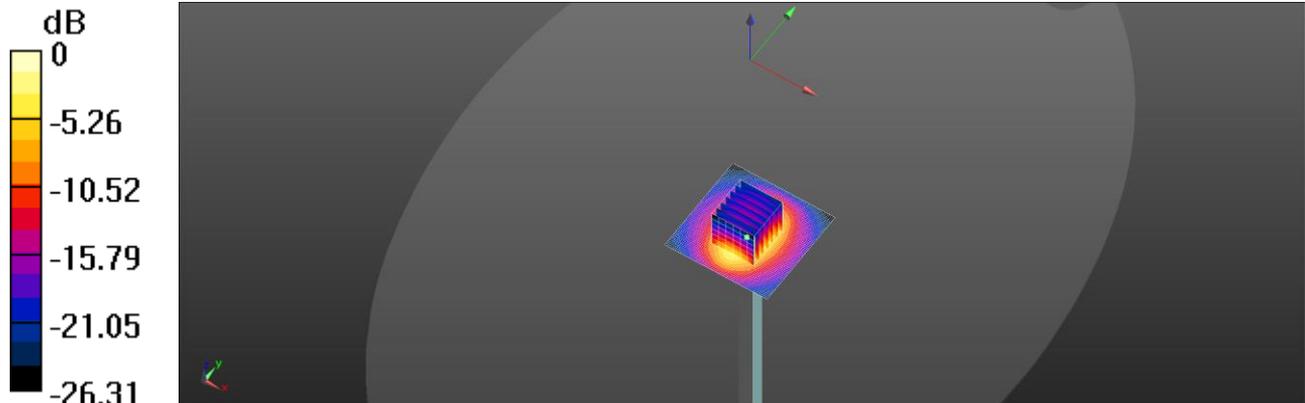
Peak SAR (extrapolated) = 23.5 W/kg

**SAR(1 g) = 12.1 W/kg; SAR(10 g) = 5.94 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.8 mm

Ratio of SAR at M2 to SAR at M1 = 51%

Maximum value of SAR (measured) = 17.6 W/kg



0 dB = 18.4 W/kg = 12.65 dBW/kg

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Date: 2025/1/22

Report No. :TESA2501000076EN

Dipole 2600 MHz\_SN:1005

Communication System: CW; Frequency: 2600 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.994$  S/m;  $\epsilon_r = 39.643$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7712; ConvF(7.64, 7.36, 7.49) @ 2600 MHz; Calibrated: 2024/4/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (61x61x1):** Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 22.7 W/kg

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

Reference Value = 94.87 V/m; Power Drift = 0.07 dB

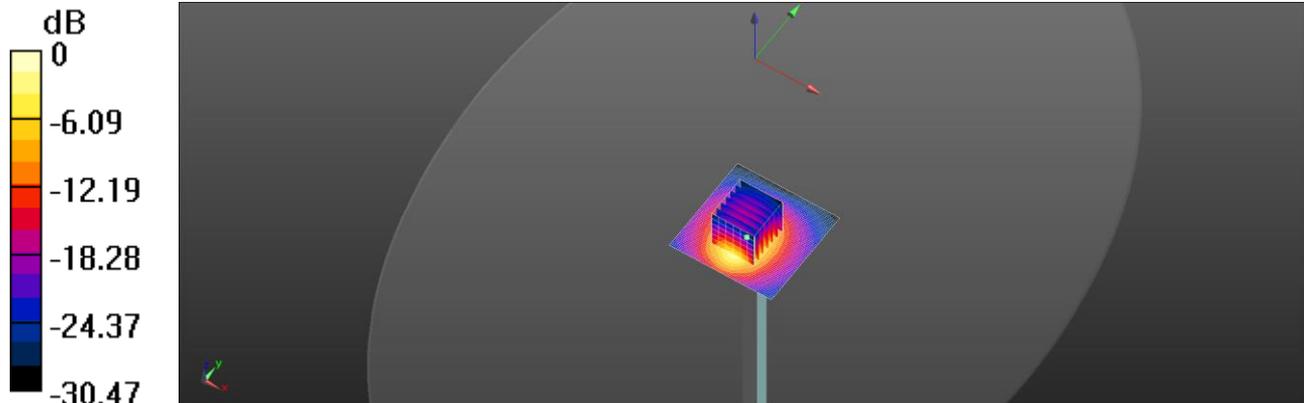
Peak SAR (extrapolated) = 28.2 W/kg

**SAR(1 g) = 14.3 W/kg; SAR(10 g) = 6.52 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 53.7%

Maximum value of SAR (measured) = 21.8 W/kg



0 dB = 22.7 W/kg = 13.55 dBW/kg

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Date: 2025/1/23

Report No. :TESA2501000076EN

Dipole 2600 MHz\_SN:1005

Communication System: CW; Frequency: 2600 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.029$  S/m;  $\epsilon_r = 39.98$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 21.8°C; Liquid temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7712; ConvF(7.64, 7.36, 7.49) @ 2600 MHz; Calibrated: 2024/4/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (61x61x1):** Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 22.4 W/kg

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

Reference Value = 94.82 V/m; Power Drift = 0.07 dB

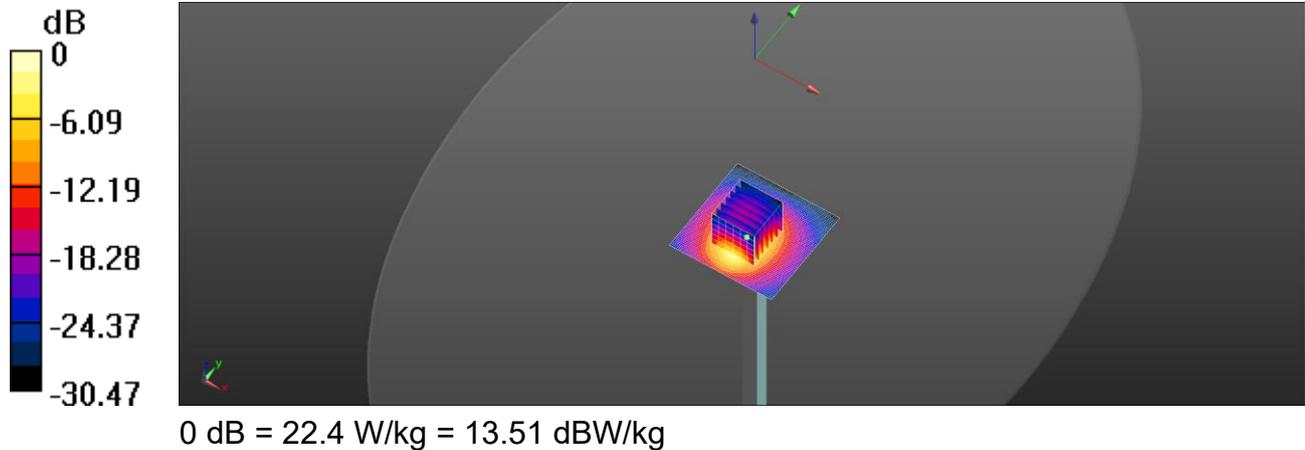
Peak SAR (extrapolated) = 27.9 W/kg

**SAR(1 g) = 14.2 W/kg; SAR(10 g) = 6.48 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 53.7%

Maximum value of SAR (measured) = 21.6 W/kg



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Date: 2025/1/24

Report No. :TESA2501000076EN

Dipole 2600 MHz\_SN:1005

Communication System: CW; Frequency: 2600 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.93$  S/m;  $\epsilon_r = 38.307$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7712; ConvF(7.64, 7.36, 7.49) @ 2600 MHz; Calibrated: 2024/4/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (61x61x1):** Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 21.7 W/kg

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

Reference Value = 97.12 V/m; Power Drift = 0.12 dB

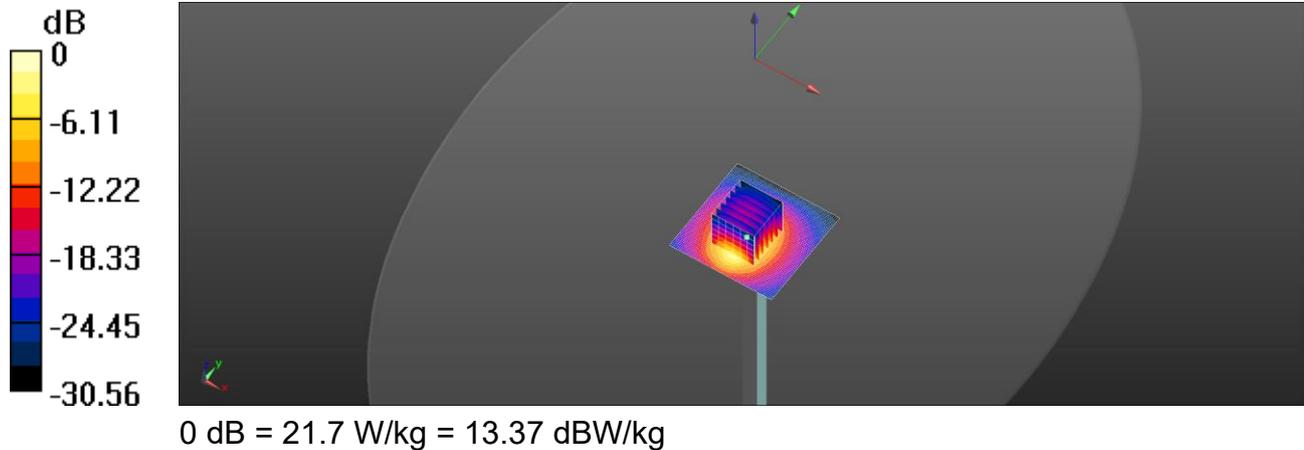
Peak SAR (extrapolated) = 27.1 W/kg

**SAR(1 g) = 14 W/kg; SAR(10 g) = 6.53 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.2 mm

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

Maximum value of SAR (measured) = 20.9 W/kg



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Date: 2025/1/25

Report No. :TESA2501000076EN

Dipole 3500 MHz\_SN:1009

Communication System: CW; Frequency: 3500 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 3500$  MHz;  $\sigma = 2.952$  S/m;  $\epsilon_r = 38.423$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7712; ConvF(6.91, 6.66, 6.75) @ 3500 MHz; Calibrated: 2024/4/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (71x81x1):** Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 11.4 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 66.21 V/m; Power Drift = -0.04 dB

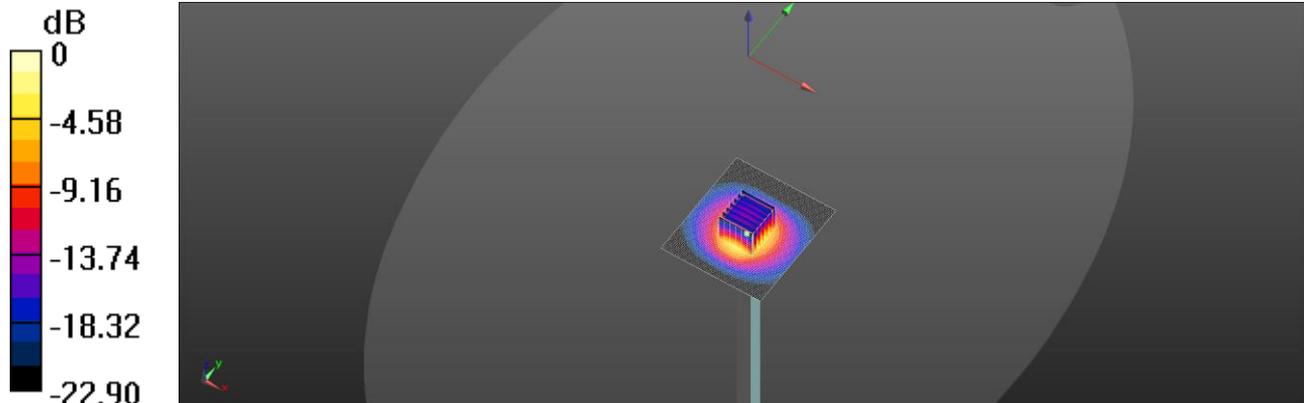
Peak SAR (extrapolated) = 16.0 W/kg

**SAR(1 g) = 6.65 W/kg; SAR(10 g) = 2.65 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 68.8%

Maximum value of SAR (measured) = 11.0 W/kg



0 dB = 11.0 W/kg = 10.41 dBW/kg

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Date: 2025/1/26

Report No. :TESA2501000076EN

Dipole 3500 MHz\_SN:1009

Communication System: CW; Frequency: 3500 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 3500$  MHz;  $\sigma = 2.983$  S/m;  $\epsilon_r = 38.809$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7712; ConvF(6.91, 6.66, 6.75) @ 3500 MHz; Calibrated: 2024/4/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (71x81x1):** Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 11.7 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 66.09 V/m; Power Drift = -0.03 dB

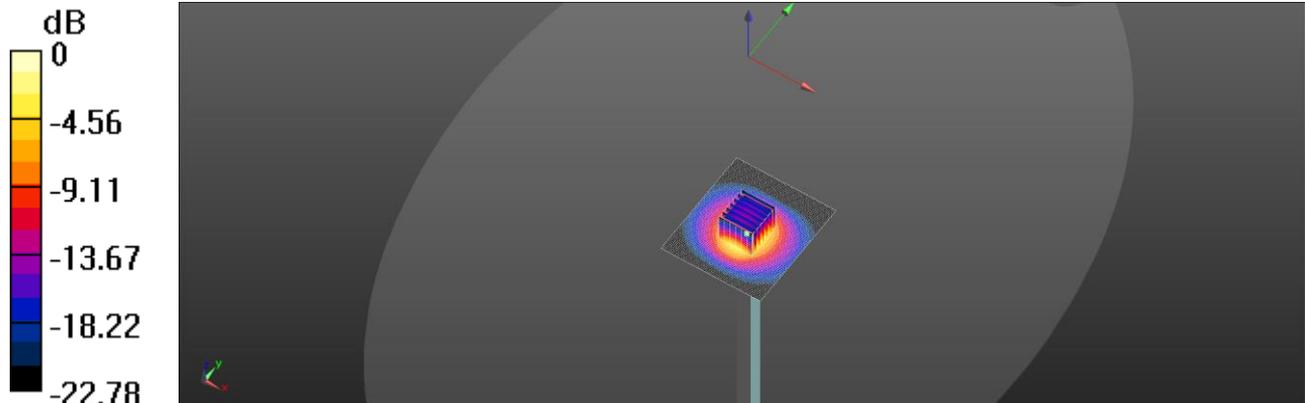
Peak SAR (extrapolated) = 16.1 W/kg

**SAR(1 g) = 6.67 W/kg; SAR(10 g) = 2.63 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 68.7%

Maximum value of SAR (measured) = 11.1 W/kg



0 dB = 11.1 W/kg = 10.45 dBW/kg

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Date: 2025/1/27

**Report No. :TESA2501000076EN**

**Dipole 3700 MHz\_SN:1057**

Communication System: CW; Frequency: 3700 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 3700 \text{ MHz}$ ;  $\sigma = 3.18 \text{ S/m}$ ;  $\epsilon_r = 38.475$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7712; ConvF(6.72, 6.43, 6.54) @ 3700 MHz; Calibrated: 2024/4/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (61x71x1):** Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 12.6 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 56.95 V/m; Power Drift = 0.06 dB

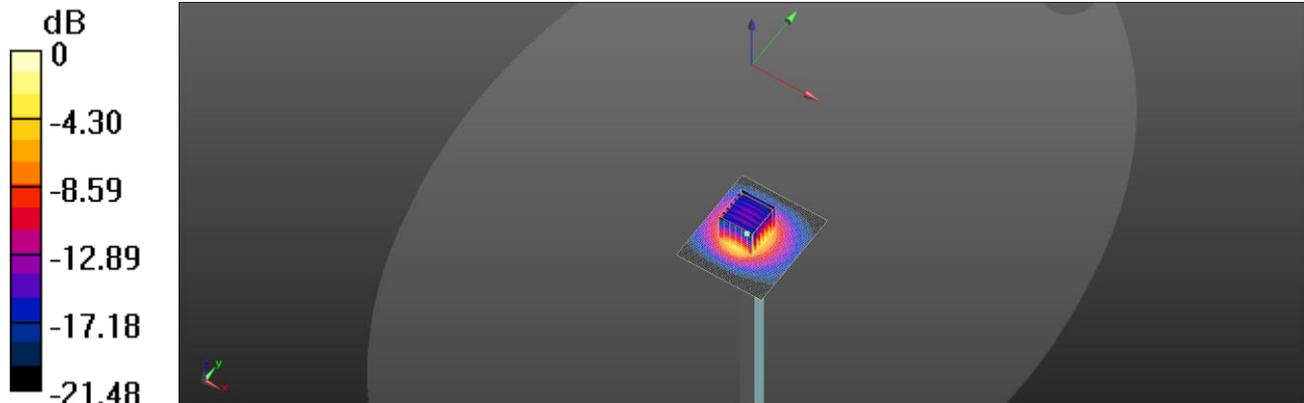
Peak SAR (extrapolated) = 16.4 W/kg

**SAR(1 g) = 6.73 W/kg; SAR(10 g) = 2.57 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 70%

Maximum value of SAR (measured) = 11.6 W/kg



0 dB = 11.6 W/kg = 10.64 dBW/kg

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Date: 2025/1/28

Report No. :TESA2501000076EN

Dipole 3700 MHz\_SN:1057

Communication System: CW; Frequency: 3700 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 3700$  MHz;  $\sigma = 3.205$  S/m;  $\epsilon_r = 38.881$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 21.8°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7712; ConvF(6.72, 6.43, 6.54) @ 3700 MHz; Calibrated: 2024/4/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (61x71x1):** Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 12.0 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 57.45 V/m; Power Drift = 0.04 dB

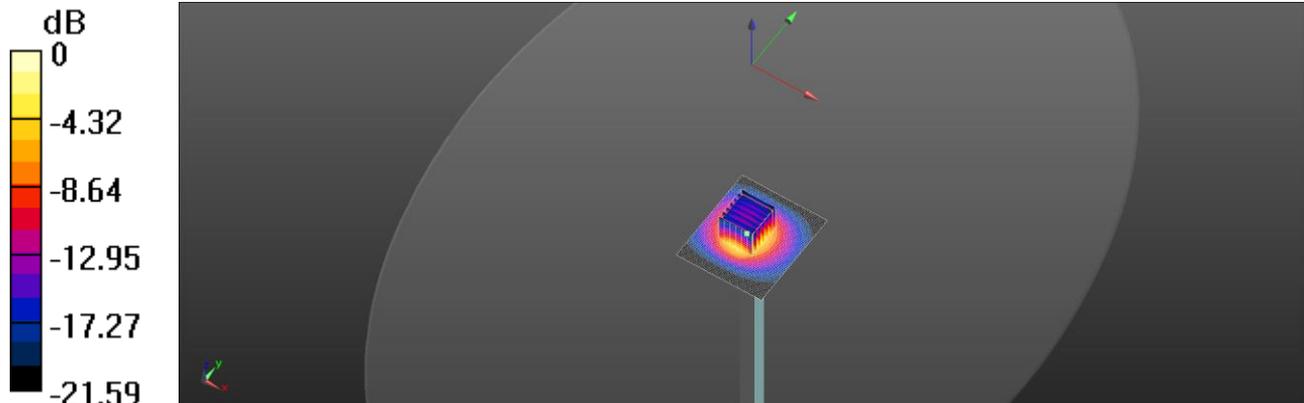
Peak SAR (extrapolated) = 15.6 W/kg

**SAR(1 g) = 6.53 W/kg; SAR(10 g) = 2.53 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 70.5%

Maximum value of SAR (measured) = 11.0 W/kg



0 dB = 11.0 W/kg = 10.41 dBW/kg

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Date: 2025/1/29

**Report No. :TESA2501000076EN**

**Dipole 3700 MHz\_SN:1057**

Communication System: CW; Frequency: 3700 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 3700 \text{ MHz}$ ;  $\sigma = 3.072 \text{ S/m}$ ;  $\epsilon_r = 37.23$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 21.9°C; Liquid temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7712; ConvF(6.72, 6.43, 6.54) @ 3700 MHz; Calibrated: 2024/4/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (61x71x1):** Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 12.7 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 56.91 V/m; Power Drift = 0.06 dB

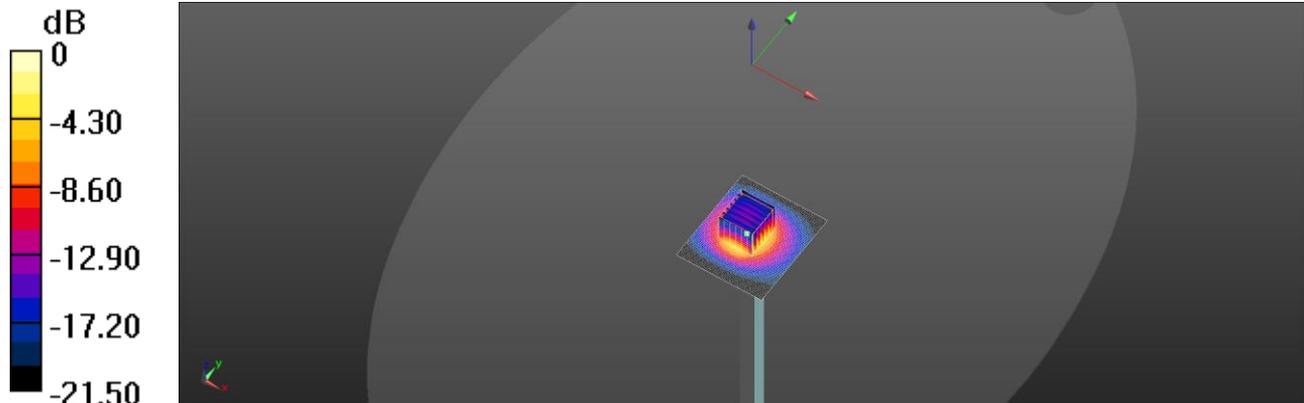
Peak SAR (extrapolated) = 16.5 W/kg

**SAR(1 g) = 6.75 W/kg; SAR(10 g) = 2.57 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 70%

Maximum value of SAR (measured) = 11.6 W/kg



0 dB = 11.6 W/kg = 10.64 dBW/kg

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Date: 2025/1/30

Report No. :TESA2501000076EN

Dipole 3700 MHz\_SN:1057

Communication System: CW; Frequency: 3700 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 3700 \text{ MHz}$ ;  $\sigma = 3.058 \text{ S/m}$ ;  $\epsilon_r = 36.977$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.3°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7712; ConvF(6.72, 6.43, 6.54) @ 3700 MHz; Calibrated: 2024/4/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (61x71x1):** Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 12.6 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 57.97 V/m; Power Drift = 0.03 dB

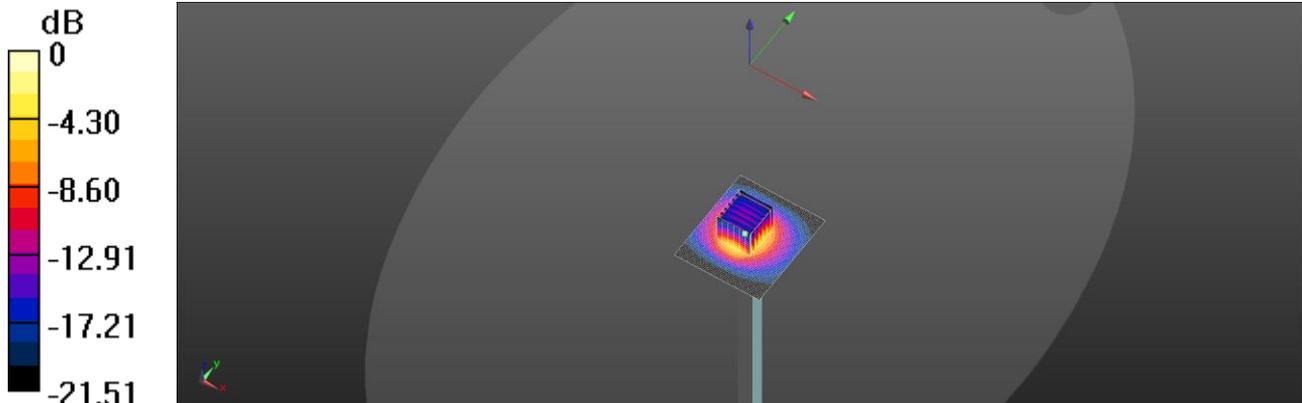
Peak SAR (extrapolated) = 16.4 W/kg

**SAR(1 g) = 6.81 W/kg; SAR(10 g) = 2.62 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 70.2%

Maximum value of SAR (measured) = 11.6 W/kg



0 dB = 11.6 W/kg = 10.64 dBW/kg

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Member of SGS Group

Date: 2025/1/31

Report No. :TESA2501000076EN

Dipole 3900 MHz\_SN:1032

Communication System: CW; Frequency: 3900 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 3900 \text{ MHz}$ ;  $\sigma = 3.335 \text{ S/m}$ ;  $\epsilon_r = 37.609$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7712; ConvF(6.66, 6.41, 6.49) @ 3900 MHz; Calibrated: 2024/4/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2024/4/22
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (61x61x1):** Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 12.4 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 60.59 V/m; Power Drift = -0.18 dB

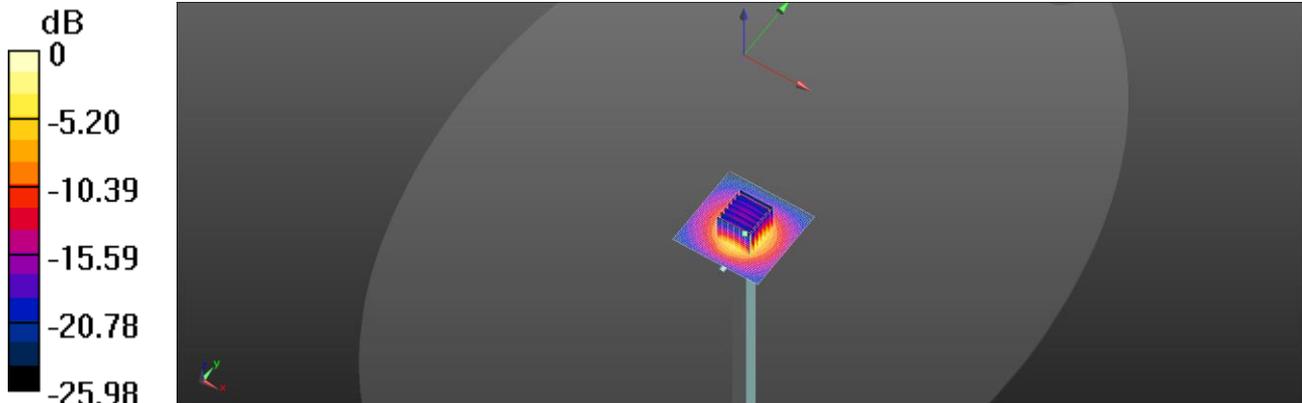
Peak SAR (extrapolated) = 18.3 W/kg

**SAR(1 g) = 6.73 W/kg; SAR(10 g) = 2.38 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 66.5%

Maximum value of SAR (measured) = 12.1 W/kg



0 dB = 12.1 W/kg = 10.83 dBW/kg

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**Refer to separated files for the following appendixes.**

- 12.1 SAR\_Appendix A Photographs**
- 12.2 SAR\_Appendix B DAE & Probe Cal. Certificate**
- 12.3 SAR\_Appendix C Phantom Description & Dipole Cal. Certificate**

**- End of report -**

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