

SAR Validation Data

Date: 4/23/2025

System Check Head 750MHz

Communication System: UID 0, CW (0); Communication System Band: D750MHz; Duty Cycle: 1:1; Frequency: 750 MHz;
Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.894 \text{ S/m}$; $\epsilon_r = 41.679$; $\rho = 1000 \text{ kg/m}^3$

Ambient temperature (°C): 23.5, Liquid temperature (°C): 22.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(9.18, 8.93, 9.03); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.44 W/kg

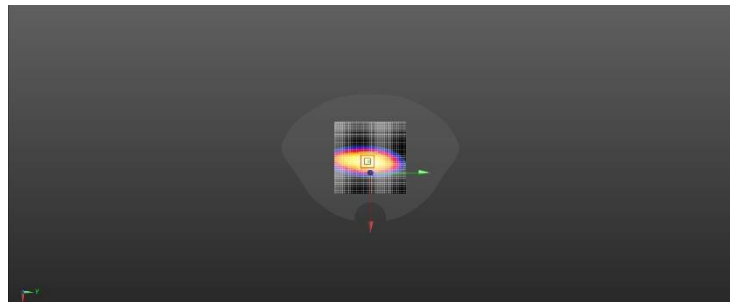
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 40.69 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.747 W/kg

Maximum value of SAR (measured) = 1.48 W/kg



0 dB = 1.48 W/kg = 1.70 dBW/kg

Date: 4/25/2025

System Check Head 835MHz

Communication System: UID 0, CW (0); Communication System Band: D835MHz; Duty Cycle: 1:1; Frequency: 835 MHz;
Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.901 \text{ S/m}$; $\epsilon_r = 41.167$; $\rho = 1000 \text{ kg/m}^3$

Ambient temperature (°C): 23.5, Liquid temperature (°C): 22.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(9.11, 8.85, 8.95); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.69 W/kg

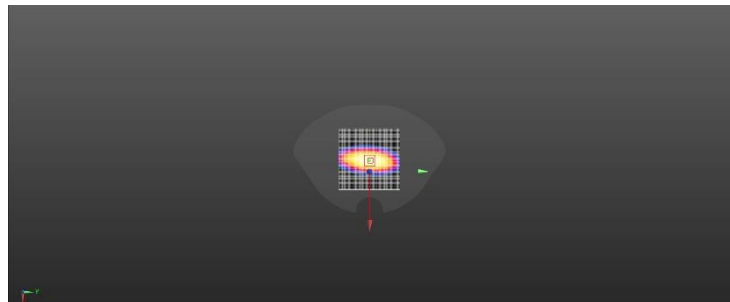
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 45.59 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.849 W/kg

Maximum value of SAR (measured) = 1.68 W/kg



0 dB = 1.68 W/kg = 2.25 dBW/kg

Date: 4/28/2025

System Check Head 1800MHz

Communication System: UID 0, CW (0); Communication System Band: D1800MHz; Duty Cycle: 1:1; Frequency: 1800 MHz; Medium parameters used: $f = 1800 \text{ MHz}$; $\sigma = 1.299 \text{ S/m}$; $\epsilon_r = 39.53$; $\rho = 1000 \text{ kg/m}^3$

Ambient temperature (°C): 23.5, Liquid temperature (°C): 22.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(7.72, 7.5, 7.59); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

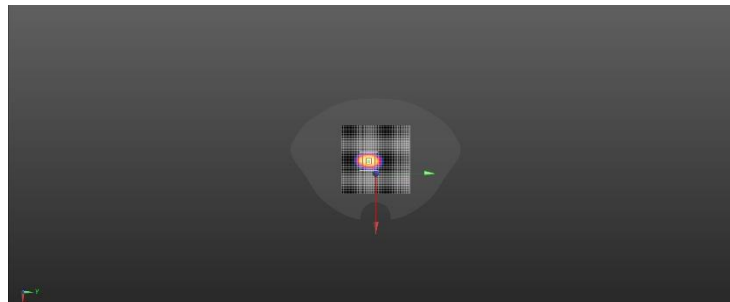
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 46.75 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.71 W/kg

SAR(1 g) = 2.27 W/kg; SAR(10 g) = 1.29 W/kg

Maximum value of SAR (measured) = 3.24 W/kg



0 dB = 3.24 W/kg = 5.11 dBW/kg

Date: 5/30/2025

System Check Head 1900MHz

Communication System: UID 0, CW (0); Communication System Band: D1900MHz; Duty Cycle: 1:1; Frequency: 1900 MHz; Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.402 \text{ S/m}$; $\epsilon_r = 39.092$; $\rho = 1000 \text{ kg/m}^3$

Ambient temperature (°C): 23.5, Liquid temperature (°C): 22.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(7.45, 7.25, 7.33); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 3.70 W/kg

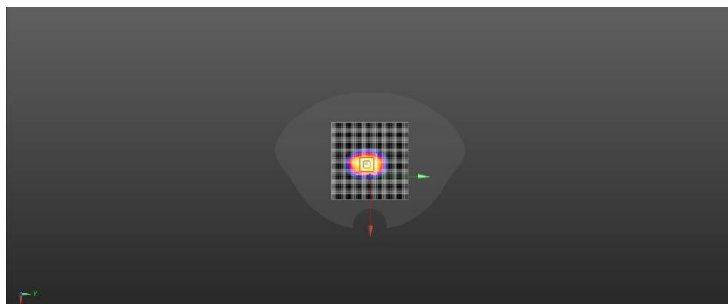
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 50.30 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 4.26 W/kg

SAR(1 g) = 2.56 W/kg; SAR(10 g) = 1.43 W/kg

Maximum value of SAR (measured) = 3.71 W/kg



0 dB = 3.71 W/kg = 5.69 dBW/kg

Date: 5/02/2025

System Check Head 2300MHz

Communication System: UID 0, CW (0); Communication System Band: D2300MHz; Duty Cycle: 1:1; Frequency: 2300 MHz; Medium parameters used: $f = 2300$ MHz; $\sigma = 1.686$ S/m; $\epsilon_r = 39.133$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 23.5, Liquid temperature (°C): 22.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(7.29, 7.09, 7.17); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 5.34 W/kg

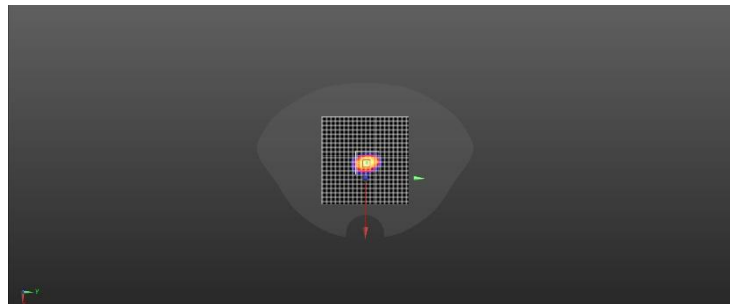
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 46.46 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 6.66 W/kg

SAR(1 g) = 3.49 W/kg; SAR(10 g) = 1.7 W/kg

Maximum value of SAR (measured) = 5.61 W/kg



0 dB = 5.61 W/kg = 7.49 dBW/kg

Date: 5/04/2025

System Check Head 2450MHz

Communication System: UID 0, CW; Communication System Band: D2450MHz; Duty Cycle: 1:1; Frequency: 2450 MHz;
Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.86$ S/m; $\epsilon_r = 38.534$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 23.5, Liquid temperature (°C): 22.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(7.03, 6.83, 6.91); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x81x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 8.84 W/kg

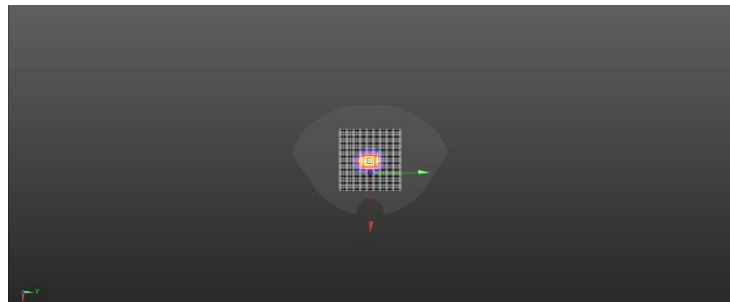
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 57.21 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 10.9 W/kg

SAR(1 g) = 5.46 W/kg; SAR(10 g) = 2.53 W/kg

Maximum value of SAR (measured) = 8.98 W/kg



0 dB = 8.98 W/kg = 9.53 dBW/kg

Date: 5/07/2025

System Check Head 2600MHz

Communication System: UID 0, CW (0); Communication System Band: D2600MHz; Duty Cycle: 1:1; Frequency: 2600 MHz; Medium parameters used: $f = 2600$ MHz; $\sigma = 2.028$ S/m; $\epsilon_r = 37.877$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 23.5, Liquid temperature (°C): 22.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(7.1, 6.9, 6.98); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 10.7 W/kg

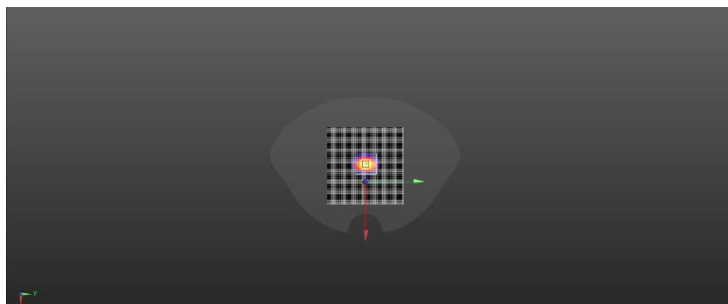
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 60.05 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 13.8 W/kg

SAR(1 g) = 6.59 W/kg; SAR(10 g) = 2.95 W/kg

Maximum value of SAR (measured) = 11.2 W/kg



0 dB = 11.2 W/kg = 10.49 dBW/kg

Date: 5/10/2025

System Check Head 3500MHz

Communication System: UID 0, CW (0); Communication System Band: D3500MHz; Duty Cycle: 1:1; Frequency: 3500 MHz; Medium parameters used: $f = 3500 \text{ MHz}$; $\sigma = 2.984 \text{ S/m}$; $\epsilon_r = 39.194$; $\rho = 1000 \text{ kg/m}^3$

Ambient temperature (°C): 23.5, Liquid temperature (°C): 22.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(6.39, 6.21, 6.28); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 7.24 W/kg

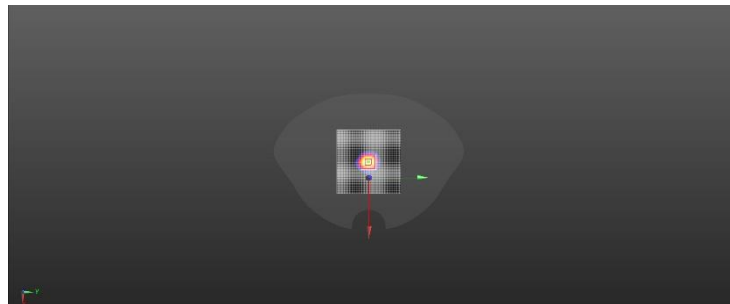
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 52.27 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 9.82 W/kg

SAR(1 g) = 3.67 W/kg ; SAR(10 g) = 1.39 W/kg

Maximum value of SAR (measured) = 7.21 W/kg



0 dB = 7.21 W/kg = 8.58 dBW/kg

Date: 5/13/2025

System Check Head 3700MHz

Communication System: UID 0, CW (0); Communication System Band: D3700MHz; Duty Cycle: 1:1; Frequency: 3700 MHz; Medium parameters used: $f = 3700 \text{ MHz}$; $\sigma = 3.142 \text{ S/m}$; $\epsilon_r = 38.977$; $\rho = 1000 \text{ kg/m}^3$

Ambient temperature (°C): 23.5, Liquid temperature (°C): 22.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(6.03, 5.86, 5.93); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 7.36 W/kg

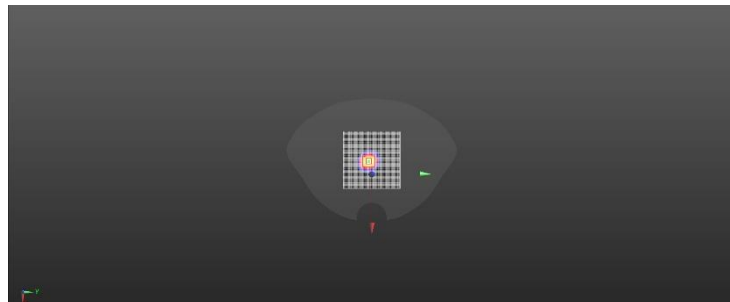
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 46.32 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 10.4 W/kg

SAR(1 g) = 3.63 W/kg; SAR(10 g) = 1.33 W/kg

Maximum value of SAR (measured) = 7.42 W/kg



0 dB = 7.42 W/kg = 8.70 dBW/kg

Date: 5/15/2025

System Check Head 3900MHz

Communication System: UID 0, CW (0); Communication System Band: D3900MHz; Duty Cycle: 1:1; Frequency: 3900 MHz; Medium parameters used: $f = 3900$ MHz; $\sigma = 3.31$ S/m; $\epsilon_r = 38.758$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 23.5, Liquid temperature (°C): 22.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(6.29, 6.11, 6.18); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 17.0 W/kg

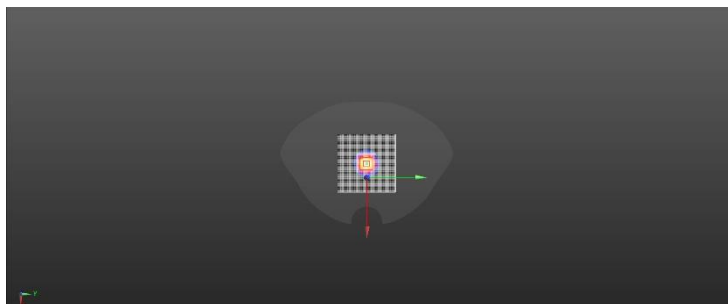
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 77.72 V/m; Power Drift = -0.35 dB

Peak SAR (extrapolated) = 22.9 W/kg

SAR(1 g) = 7.91 W/kg; SAR(10 g) = 2.79 W/kg

Maximum value of SAR (measured) = 16.6 W/kg



0 dB = 16.6 W/kg = 12.20 dBW/kg

Date: 5/18/2025

System Check Head 5250MHz

Communication System: UID 0, CW (0); Communication System Band: 5GHz(5000.0-6000.0MHz); Duty Cycle: 1:1;
Frequency: 5250 MHz; Medium parameters used (interpolated): $f = 5250$ MHz; $\sigma = 4.6$ S/m; $\epsilon_r = 36.383$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 23.5, Liquid temperature (°C): 22.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(5.42, 5.27, 5.33); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/22/2024
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x101x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 7.28 W/kg

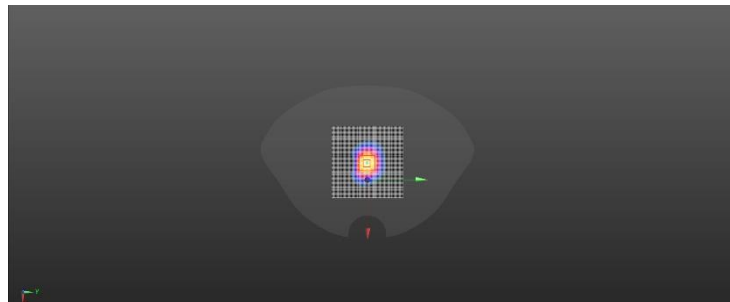
Zoom Scan (9x9x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 25.53 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 13.1 W/kg

SAR(1 g) = 2.79 W/kg; SAR(10 g) = 0.782 W/kg

Maximum value of SAR (measured) = 7.39 W/kg



0 dB = 7.39 W/kg = 8.69 dBW/kg

Date: 5/20/2025

System Check Head 5600MHz

Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Duty Cycle: 1:1;
Frequency: 5600 MHz; Medium parameters used: $f = 5600 \text{ MHz}$; $\sigma = 4.99 \text{ S/m}$; $\epsilon_r = 35.806$; $\rho = 1000 \text{ kg/m}^3$

Ambient temperature (°C): 23.5, Liquid temperature (°C): 22.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(4.64, 4.51, 4.56); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/22/2024
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 26.3 W/kg

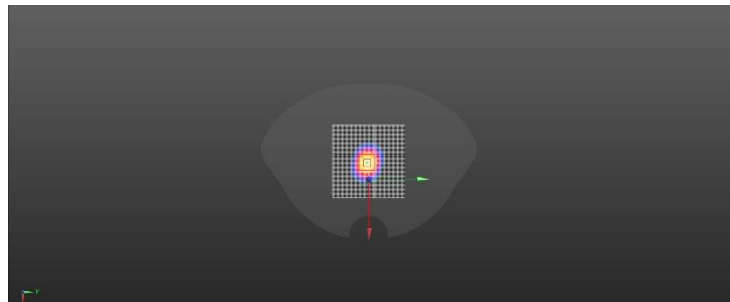
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 44.43 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 50.0 W/kg

SAR(1 g) = 10.4 W/kg; SAR(10 g) = 2.95 W/kg

Maximum value of SAR (measured) = 27.6 W/kg



0 dB = 27.6 W/kg = 14.41 dBW/kg

Date: 5/22/2025

System Check Head 5750MHz

Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Duty Cycle: 1:1;
Frequency: 5750 MHz; Medium parameters used: $f = 5750 \text{ MHz}$; $\sigma = 5.204 \text{ S/m}$; $\epsilon_r = 35.483$; $\rho = 1000 \text{ kg/m}^3$

Ambient temperature (°C): 23.5, Liquid temperature (°C): 22.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(5.05, 4.91, 4.97); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/22/2024
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 17.0 W/kg

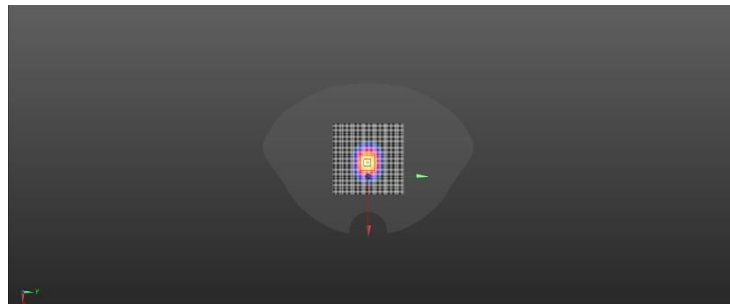
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 32.28 V/m; Power Drift = -0.22 dB

Peak SAR (extrapolated) = 35.0 W/kg

SAR(1 g) = 6.89 W/kg; SAR(10 g) = 1.96 W/kg

Maximum value of SAR (measured) = 18.6 W/kg



0 dB = 18.6 W/kg = 12.70 dBW/kg

Measurement Report for Device, CW, Channel 0 (6500MHz)
Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	CW	6500	5.22	6.08	34.0

Hardware Setup

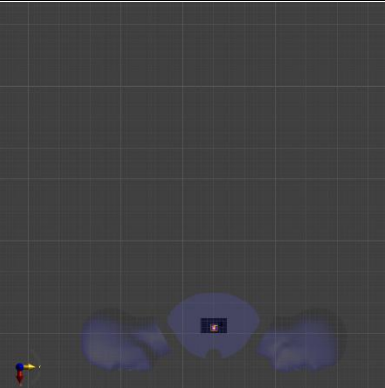
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0	HBBL-600-10000	EX3DV4 - SN7761, 2024-09-19	DAE4 Sn1220, 2025-03-14

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	51.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-05-25	2025-05-25
psSAR1g [W/Kg]	28.0	35.9
psSAR10g [W/Kg]	5.85	6.66
Power Drift [dB]	-0.01	0.00



Measurement Report for Device, EDGE TOP, Validation band, CW, Channel 10000 (10000MHz)

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz]	Conversion Factor
5G	EDGE TOP, 10.00	Validation band	CW	10000	1.0

Hardware Setup

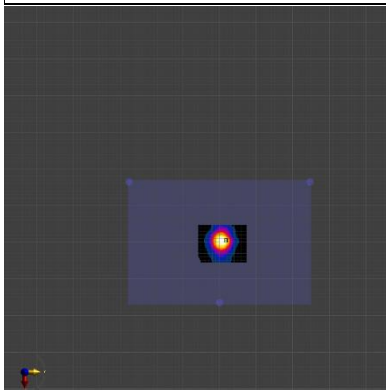
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave	Air	EUmmWV4 - SN9681_F1-55GHz, 2024-09-16	DAE4 Sn1220, 2025-03-14

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	10.0

Measurement Results

Scan Type	5G Scan
Date	2025-05-28
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	53.9
psPDtot+ [W/m ²]	54.3
psPDmod+ [W/m ²]	54.7
E _{max} [V/m]	152
Power Drift [dB]	-0.01



SAR & Power Density Data

Date: 4/30/2025

LTE Band 25-BW20_QPSK_1RB0Offset-Back-Ant0-CH26590-1905MHz

DUT: 5G MIFI

Communication System: UID 0, LTE FDD (0); Communication System Band: Band25; Duty Cycle: 1:1; Frequency: 1905 MHz; Medium parameters used (interpolated): $f = 1905$ MHz; $\sigma = 1.408$ S/m; $\epsilon_r = 39.071$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(7.45, 7.25, 7.33); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.680 W/kg

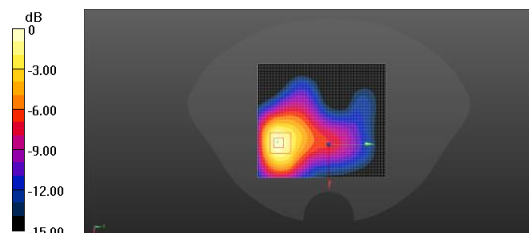
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.204 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.836 W/kg

SAR(1 g) = 0.473 W/kg; SAR(10 g) = 0.260 W/kg

Maximum value of SAR (measured) = 0.707 W/kg



0 dB = 0.707 W/kg = -1.51 dBW/kg

Date: 4/30/2025

LTE Band 25-BW20_QPSK_1RB0Offset-Back-Ant1-CH26340-1880MHz

DUT: 5G MIFI

Communication System: UID 0, LTE FDD (0); Communication System Band: Band25; Duty Cycle: 1:1; Frequency: 1880 MHz; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.382$ S/m; $\epsilon_r = 39.194$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(7.45, 7.25, 7.33); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.88 W/kg

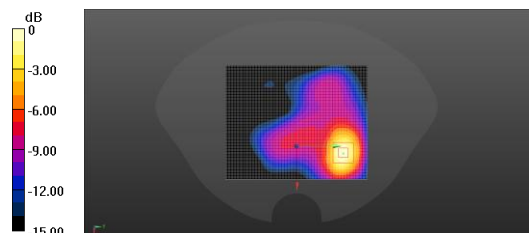
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.899 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.563 W/kg; SAR(10 g) = 0.285 W/kg

Maximum value of SAR (measured) = 0.86 W/kg



0 dB = 0.86 W/kg = 0.25 dBW/kg

Date: 4/28/2025

LTE Band 66-BW20_QPSK_1RB0Offset-Back-Ant0-CH132072-1720MHz

DUT: 5G MIFI

Communication System: UID 0, LTE FDD (0); Communication System Band: Band66; Duty Cycle: 1:1; Frequency: 1720 MHz; Medium parameters used: $f = 1720$ MHz; $\sigma = 1.327$ S/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(7.72, 7.5, 7.59); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/22/2024
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x101x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.781 W/kg

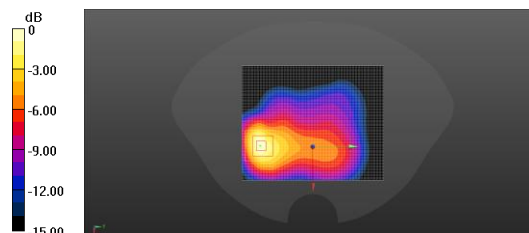
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.026 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.953 W/kg

SAR(1 g) = 0.524 W/kg; SAR(10 g) = 0.278 W/kg

Maximum value of SAR (measured) = 0.814 W/kg



0 dB = 0.814 W/kg = -0.89 dBW/kg

Date: 4/28/2025

LTE Band 66-BW20_QPSK_1RB0Offset-Back-Ant1-CH132322-1745MHz

DUT: 5G MIFI

Communication System: UID 0, LTE FDD (0); Communication System Band: Band66; Duty Cycle: 1:1; Frequency: 1745 MHz; Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.354$ S/m; $\epsilon_r = 39.075$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(7.72, 7.5, 7.59); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/22/2024
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.901 W/kg

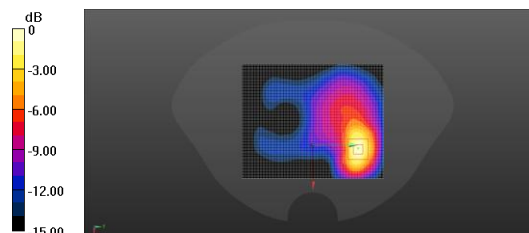
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.327 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.543 W/kg; SAR(10 g) = 0.302 W/kg

Maximum value of SAR (measured) = 0.914 W/kg



0 dB = 0.914 W/kg = -0.39 dBW/kg

Date: 4/25/2025

LTE Band 5-BW10_QPSK_1RB0Offset-Back-Ant0-CH20525-836.5MHz

DUT: 5G MIFI

Communication System: UID 0, LTE FDD (0); Communication System Band: Band 5; Duty Cycle: 1:1; Frequency: 836.5 MHz; Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.902$ S/m; $\epsilon_r = 41.149$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(9.11, 8.85, 8.95); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/22/2024
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.656 W/kg

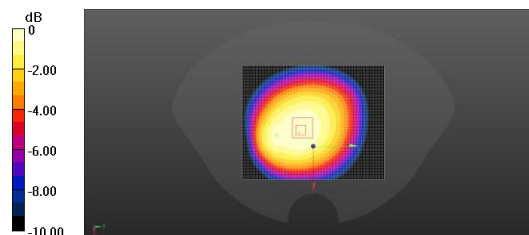
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.54 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.709 W/kg

SAR(1 g) = 0.550 W/kg; SAR(10 g) = 0.416 W/kg

Maximum value of SAR (measured) = 0.659 W/kg



0 dB = 0.659 W/kg = -1.81 dBW/kg

Date: 5/7/2025

LTE Band 7-BW20_QPSK_1RB0Offset-Back-Ant4-CH20850-2510MHz

DUT: 5G MIFI

Communication System: UID 0, LTE FDD (0); Communication System Band: Band7; Duty Cycle: 1:1; Frequency: 2510 MHz; Medium parameters used: $f = 2510$ MHz; $\sigma = 1.862$ S/m; $\epsilon_r = 39.147$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(7.1, 6.9, 6.98); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x121x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.694 W/kg

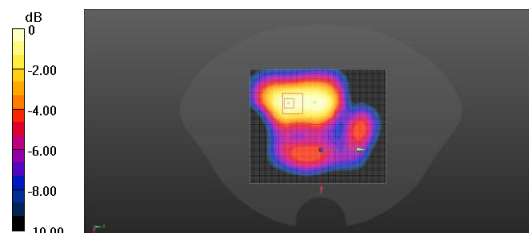
Zoom Scan (7x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.880 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.842 W/kg

SAR(1 g) = 0.456 W/kg; SAR(10 g) = 0.257 W/kg

Maximum value of SAR (measured) = 0.695 W/kg



0 dB = 0.695 W/kg = -1.58 dBW/kg

Date: 4/23/2025

LTE Band 12-BW10_QPSK_1RB0Offset-Back-Ant0-CH23130-711MHz

DUT: 5G MIFI

Communication System: UID 0, LTE FDD (0); Communication System Band: Band12; Duty Cycle: 1:1; Frequency: 711 MHz; Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.855 \text{ S/m}$; $\epsilon_r = 42.203$; $\rho = 1000 \text{ kg/m}^3$

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(9.18, 8.93, 9.03); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.537 W/kg

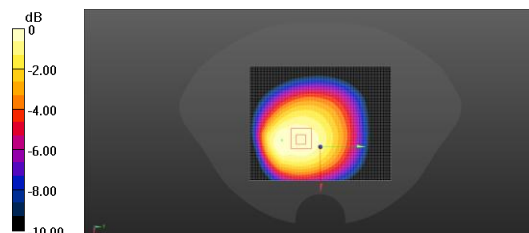
Zoom Scan (7x11x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.86 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.591 W/kg

SAR(1 g) = 0.425 W/kg ; SAR(10 g) = 0.318 W/kg

Maximum value of SAR (measured) = 0.517 W/kg



0 dB = 0.517 W/kg = -2.87 dBW/kg

Date: 4/23/2025

LTE Band 13-BW10_QPSK_1RB0Offset-Back-Ant0-CH23230-782MHz

DUT: 5G MIFI

Communication System: UID 0, LTE FDD (0); Communication System Band: Band13; Duty Cycle: 1:1; Frequency: 782 MHz; Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.923 \text{ S/m}$; $\epsilon_r = 41.276$; $\rho = 1000 \text{ kg/m}^3$

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(9.18, 8.93, 9.03); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/22/2024
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.639 W/kg

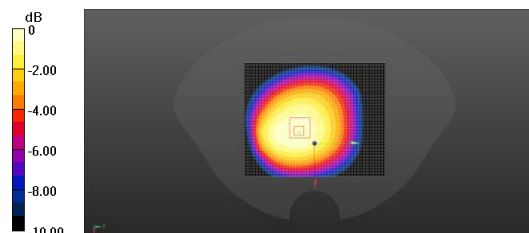
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 23.07 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.700 W/kg

SAR(1 g) = 0.524 W/kg ; SAR(10 g) = 0.369 W/kg

Maximum value of SAR (measured) = 0.650 W/kg



0 dB = 0.650 W/kg = -1.87 dBW/kg

Date: 4/23/2025

LTE Band 14-BW10_QPSK_1RB0Offset-Front-Ant0-CH23330-793MHz

DUT: 5G MIFI

Communication System: UID 0, LTE FDD (0); Communication System Band: Band14; Duty Cycle: 1:1; Frequency: 793 MHz; Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.934 \text{ S/m}$; $\epsilon_r = 41.124$; $\rho = 1000 \text{ kg/m}^3$

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(9.18, 8.93, 9.03); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/22/2024
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.687 W/kg

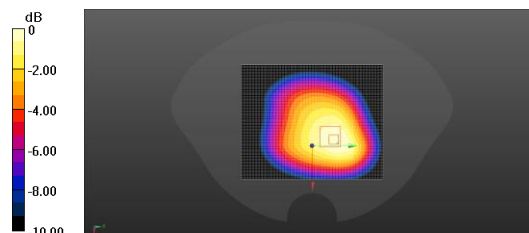
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 21.51 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.746 W/kg

SAR(1 g) = 0.539 W/kg ; SAR(10 g) = 0.384 W/kg

Maximum value of SAR (measured) = 0.674 W/kg



0 dB = 0.674 W/kg = -1.71 dBW/kg

Date: 5/2/2025

LTE Band 30-BW10_QPSK_1RB0Offset-Front-Ant4-CH27710-2310MHz

DUT: 5G MIFI

Communication System: UID 0, LTE FDD (0); Communication System Band: Band30; Duty Cycle: 1:1; Frequency: 2310 MHz; Medium parameters used: $f = 2310$ MHz; $\sigma = 1.697$ S/m; $\epsilon_r = 39.1$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(7.29, 7.09, 7.17); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.616 W/kg

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

Reference Value = 5.278 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.745 W/kg

SAR(1 g) = 0.325 W/kg; SAR(10 g) = 0.188 W/kg

Maximum value of SAR (measured) = 0.704 W/kg



0 dB = 0.704 W/kg = -1.52 dBW/kg

Date: 4/23/2025

LTE Band 71-BW20_QPSK_1RB0Offset-Back-Ant0-CH133372-688MHz

DUT: 5G MIFI

Communication System: UID 0, LTE FDD (0); Communication System Band: Band71; Duty Cycle: 1:1; Frequency: 688 MHz; Medium parameters used: $f = 688 \text{ MHz}$; $\sigma = 0.834 \text{ S/m}$; $\epsilon_r = 42.552$; $\rho = 1000 \text{ kg/m}^3$

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(9.18, 8.93, 9.03); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x121x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$

Maximum value of SAR (interpolated) = 0.340 W/kg

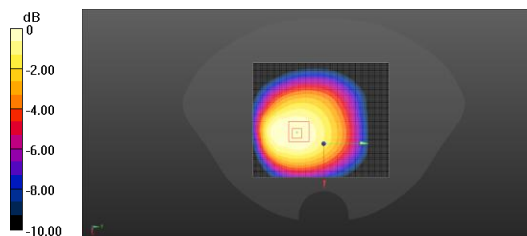
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.75 V/m ; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.363 W/kg

SAR(1 g) = 0.272 W/kg ; SAR(10 g) = 0.202 W/kg

Maximum value of SAR (measured) = 0.332 W/kg



0 dB = 0.332 W/kg = -4.79 dBW/kg

Date: 5/7/2025

LTE Band 41PC3-BW20_QPSK_1RB0Offset-Back-Ant4-CH41490-2680MHz

DUT: 5G MIFI

Communication System: UID 0, LTE FDD (0); Communication System Band: Band41; Duty Cycle: 1:1.006; Frequency: 2680 MHz; Medium parameters used: $f = 2680$ MHz; $\sigma = 2.123$ S/m; $\epsilon_r = 37.57$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(7.1, 6.9, 6.98); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x121x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.607 W/kg

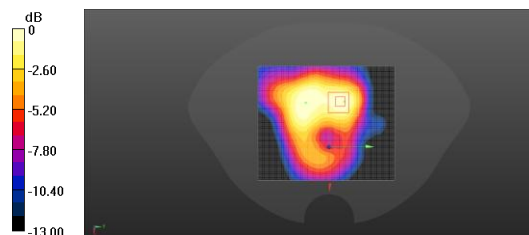
Zoom Scan (7x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.093 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.714 W/kg

SAR(1 g) = 0.388 W/kg; SAR(10 g) = 0.215 W/kg

Maximum value of SAR (measured) = 0.592 W/kg



0 dB = 0.592 W/kg = -2.28 dBW/kg

Date: 5/7/2025

LTE Band 41PC2-BW20_QPSK_1RB0Offset-Back-Ant4-CH41490-2680MHz

DUT: 5G MIFI

Communication System: UID 0, LTE FDD (0); Communication System Band: Band41; Duty Cycle: 1:1.009; Frequency: 2680 MHz; Medium parameters used: $f = 2680$ MHz; $\sigma = 2.123$ S/m; $\epsilon_r = 37.57$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(7.1, 6.9, 6.98); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x121x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.574 W/kg

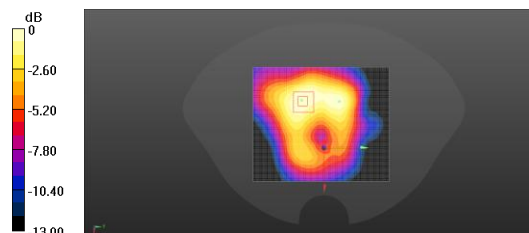
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.146 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.709 W/kg

SAR(1 g) = 0.373 W/kg; SAR(10 g) = 0.211 W/kg

Maximum value of SAR (measured) = 0.577 W/kg



0 dB = 0.577 W/kg = -2.39 dBW/kg

Date: 5/13/2025

LTE Band 48PC3-BW20_QPSK_1RB0Offset-Left Side-Ant1-CH55990-3625MHz

DUT: 5G MIFI

Communication System: UID 0, LTE TDD (0); Communication System Band: Band 48; Duty Cycle: 1:1.006; Frequency: 3625 MHz; Medium parameters used (interpolated): $f = 3625$ MHz; $\sigma = 3.081$ S/m; $\epsilon_r = 39.06$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(6.03, 5.86, 5.93); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/22/2024
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.07 W/kg

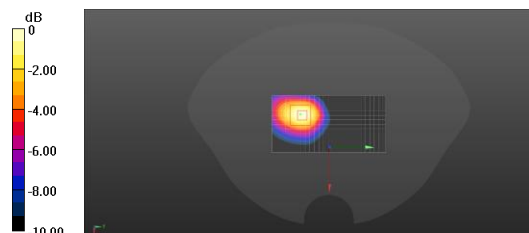
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.050 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.418 W/kg; SAR(10 g) = 0.172 W/kg

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



0 dB = 1.01 W/kg = 0.04 dBW/kg

Date: 4/30/2025

FR1 n25-BW40_QPSK_1RB1Offset-Back-Ant0-CH379000-1895MHz

DUT: 5G MIFI

Communication System: UID 0, FR1 FDD (0); Communication System Band: n25; Duty Cycle: 1:1; Frequency: 1895 MHz;
Medium parameters used: $f = 1895 \text{ MHz}$; $\sigma = 1.397 \text{ S/m}$; $\epsilon_r = 39.117$; $\rho = 1000 \text{ kg/m}^3$

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(7.45, 7.25, 7.33); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.541 W/kg

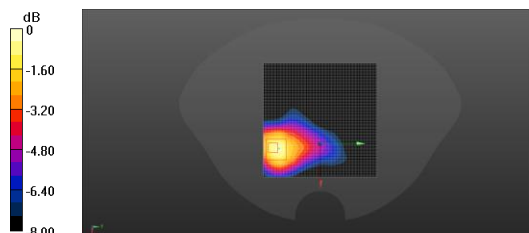
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.785 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.715 W/kg

SAR(1 g) = 0.395 W/kg ; SAR(10 g) = 0.220 W/kg

Maximum value of SAR (measured) = 0.594 W/kg



0 dB = 0.594 W/kg = -2.26 dBW/kg

Date: 4/30/2025

FR1 n25-BW40_QPSK_1RB1Offset-Back-Ant1-CH376500-1882.5MHz

DUT: 5G MIFI

Communication System: UID 0, FR1 FDD (0); Communication System Band: n25; Duty Cycle: 1:1; Frequency: 1882.5 MHz; Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.384$ S/m; $\epsilon_r = 39.181$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(7.45, 7.25, 7.33); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.812 W/kg

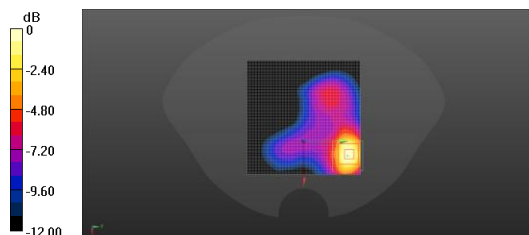
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.511 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.984 W/kg

SAR(1 g) = 0.557 W/kg; SAR(10 g) = 0.291 W/kg

Maximum value of SAR (measured) = 0.831 W/kg



0 dB = 0.831 W/kg = -0.80 dBW/kg

Date: 4/28/2025

FR1 n66-BW40_QPSK_1RB1Offset-Back-Ant0-CH349000-1745MHz

DUT: 5G MIFI

Communication System: UID 0, FR1 FDD (0); Communication System Band: n66; Duty Cycle: 1:1; Frequency: 1745 MHz;
Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.354$ S/m; $\epsilon_r = 39.075$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(7.72, 7.5, 7.59); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x91x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.737 W/kg

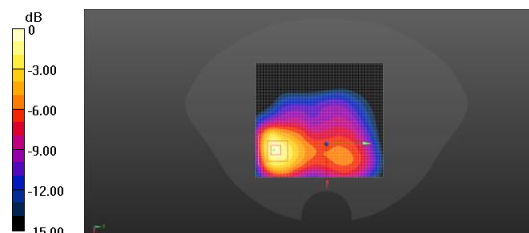
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.868 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.963 W/kg

SAR(1 g) = 0.517 W/kg; SAR(10 g) = 0.274 W/kg

Maximum value of SAR (measured) = 0.793 W/kg



0 dB = 0.793 W/kg = -1.01 dBW/kg

Date: 4/28/2025

FR1 n66-BW40_QPSK_1RB1Offset-Back-Ant1-CH349000-1745MHz

DUT: 5G MIFI

Communication System: UID 0, FR1 FDD (0); Communication System Band: n66; Duty Cycle: 1:1; Frequency: 1745 MHz;
Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.354$ S/m; $\epsilon_r = 39.075$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(7.72, 7.5, 7.59); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.768 W/kg

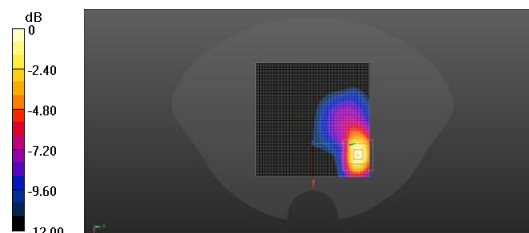
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.172 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.983 W/kg

SAR(1 g) = 0.554 W/kg; SAR(10 g) = 0.283 W/kg

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



0 dB = 0.840 W/kg = -0.76 dBW/kg

Date: 4/25/2025

FR1 n5-BW20_QPSK_1RB1Offset-Back-Ant0-CH166800-834MHz

DUT: 5G MIFI

Communication System: UID 0, FR1 FDD (0); Communication System Band: n5; Duty Cycle: 1:1; Frequency: 834 MHz;
Medium parameters used: $f = 834 \text{ MHz}$; $\sigma = 0.9 \text{ S/m}$; $\epsilon_r = 41.181$; $\rho = 1000 \text{ kg/m}^3$

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(9.11, 8.85, 8.95); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.591 W/kg

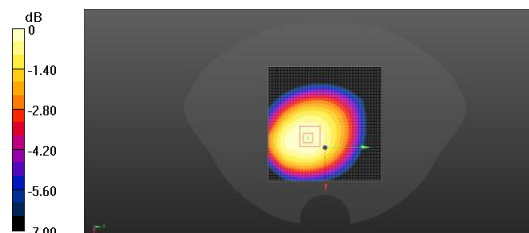
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.01 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.651 W/kg

SAR(1 g) = 0.485 W/kg ; SAR(10 g) = 0.359 W/kg

Maximum value of SAR (measured) = 0.598 W/kg



0 dB = 0.598 W/kg = -2.23 dBW/kg

Date: 5/7/2025

FR1 n7-BW40_QPSK_1RB1Offset-Back-Ant4-CH504000-2520MHz

DUT: 5G MIFI

Communication System: UID 0, FR1 FDD (0); Communication System Band: N7; Duty Cycle: 1:1; Frequency: 2520 MHz;
Medium parameters used: $f = 2520 \text{ MHz}$; $\sigma = 1.933 \text{ S/m}$; $\epsilon_r = 38.193$; $\rho = 1000 \text{ kg/m}^3$

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(7.1, 6.9, 6.98); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x101x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$

Maximum value of SAR (interpolated) = 0.881 W/kg

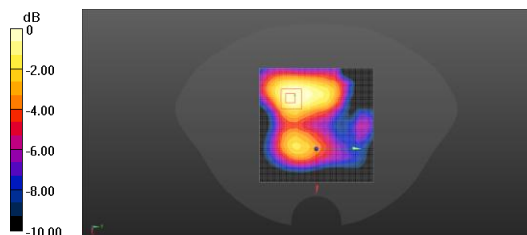
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.119 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.547 W/kg; SAR(10 g) = 0.304 W/kg

Maximum value of SAR (measured) = 0.825 W/kg



0 dB = 0.825 W/kg = -0.84 dBW/kg

Date: 5/7/2025

FR1 n7-BW40_QPSK_108RB54Offset-Back-Ant5-CH507000-2535MHz

DUT: 5G MIFI

Communication System: UID 0, FR1 FDD (0); Communication System Band: n7; Duty Cycle: 1:1; Frequency: 2535 MHz;
Medium parameters used: $f = 2535 \text{ MHz}$; $\sigma = 1.951 \text{ S/m}$; $\epsilon_r = 38.129$; $\rho = 1000 \text{ kg/m}^3$

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(7.1, 6.9, 6.98); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x121x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$

Maximum value of SAR (interpolated) = 0.959 W/kg

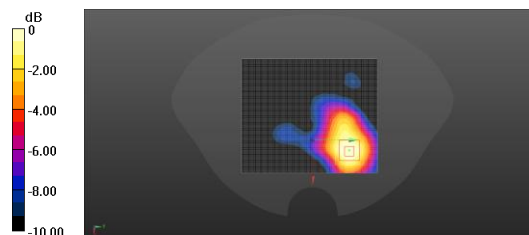
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.807 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.990 W/kg

SAR(1 g) = 0.543 W/kg ; SAR(10 g) = 0.292 W/kg

Maximum value of SAR (measured) = 0.908 W/kg



0 dB = 0.908 W/kg = -1.29 dBW/kg

Date: 4/23/2025

FR1 n12-BW15_QPSK_1RB1Offset-Back-Ant0-CH141500-707.5MHz

DUT: 5G MIFI

Communication System: UID 0, FR1 FDD (0); Communication System Band: n12; Duty Cycle: 1:1; Frequency: 707.5 MHz; Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.852$ S/m; $\epsilon_r = 42.259$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(9.18, 8.93, 9.03); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.511 W/kg

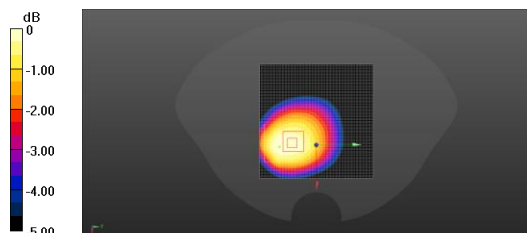
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.65 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.561 W/kg

SAR(1 g) = 0.407 W/kg; SAR(10 g) = 0.304 W/kg

Maximum value of SAR (measured) = 0.500 W/kg



0 dB = 0.500 W/kg = -3.01 dBW/kg

Date: 4/23/2025

FR1 n14-BW10_QPSK_25RB14Offset-Front-Ant0-CH158600-793MHz

DUT: 5G MIFI

Communication System: UID 0, FR1 FDD (0); Communication System Band: n14; Duty Cycle: 1:1; Frequency: 793 MHz;
Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.934 \text{ S/m}$; $\epsilon_r = 41.124$; $\rho = 1000 \text{ kg/m}^3$

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(9.18, 8.93, 9.03); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.699 W/kg

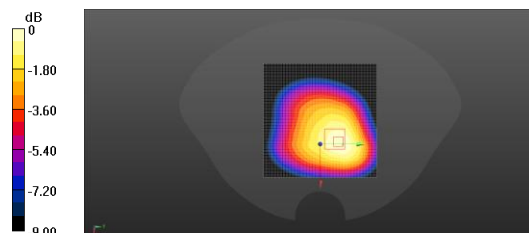
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 21.36 V/m ; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.785 W/kg

SAR(1 g) = 0.517 W/kg ; SAR(10 g) = 0.367 W/kg

Maximum value of SAR (measured) = 0.706 W/kg



0 dB = 0.706 W/kg = -1.51 dBW/kg

Date: 5/2/2025

FR1 n30-BW10_QPSK_25RB14Offset-Front-Ant4-CH462000-2310MHz

DUT: 5G MIFI

Communication System: UID 0, FR1 FDD (0); Communication System Band: n30; Duty Cycle: 1:1; Frequency: 2310 MHz;
Medium parameters used: $f = 2310 \text{ MHz}$; $\sigma = 1.697 \text{ S/m}$; $\epsilon_r = 39.1$; $\rho = 1000 \text{ kg/m}^3$

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(7.29, 7.09, 7.17); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x101x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$

Maximum value of SAR (interpolated) = 0.749 W/kg

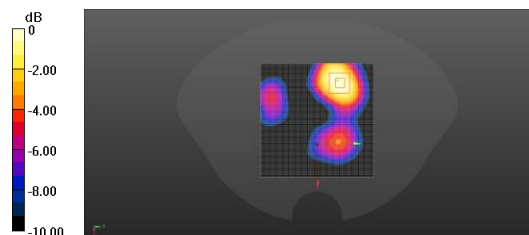
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.334 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.838 W/kg

SAR(1 g) = 0.412 W/kg ; SAR(10 g) = 0.224 W/kg

Maximum value of SAR (measured) = 0.696 W/kg



0 dB = 0.696 W/kg = -1.57 dBW/kg

Date: 5/2/2025

FR1 n30-BW10_QPSK_1RB1Offset-Back-Ant5-CH462000-2310MHz

DUT: 5G MIFI

Communication System: UID 0, FR1 FDD (0); Communication System Band: n30; Duty Cycle: 1:1; Frequency: 2310 MHz;
Medium parameters used: $f = 2310 \text{ MHz}$; $\sigma = 1.697 \text{ S/m}$; $\epsilon_r = 39.1$; $\rho = 1000 \text{ kg/m}^3$

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(7.29, 7.09, 7.17); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x101x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$

Maximum value of SAR (interpolated) = 0.643 W/kg

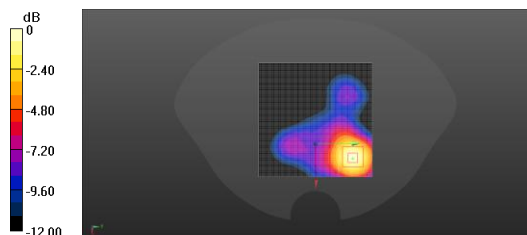
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.647 V/m ; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.790 W/kg

SAR(1 g) = 0.397 W/kg ; SAR(10 g) = 0.209 W/kg

Maximum value of SAR (measured) = 0.671 W/kg



0 dB = 0.671 W/kg = -1.73 dBW/kg

Date: 4/23/2025

FR1 n71-BW20_QPSK_1RB1Offset-Back-Ant0-CH136100-680.5MHz

DUT: 5G MIFI

Communication System: UID 0, FR1 FDD (0); Communication System Band: n71; Duty Cycle: 1:1; Frequency: 680.5 MHz; Medium parameters used (interpolated): $f = 680.5$ MHz; $\sigma = 0.827$ S/m; $\epsilon_r = 42.666$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(9.18, 8.93, 9.03); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.338 W/kg

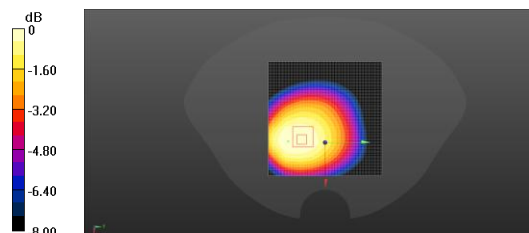
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.33 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.363 W/kg

SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.201 W/kg

Maximum value of SAR (measured) = 0.331 W/kg



0 dB = 0.331 W/kg = -4.80 dBW/kg

Date: 5/7/2025

FR1 n41PC3-BW100_QPSK_1RB1Offset-Back-Ant4-CH518598-2592.99MHz

DUT: 5G MIFI

Communication System: UID 0, FR1 TDD (0); Communication System Band: n41; Duty Cycle: 1:1.006; Frequency: 2592.99 MHz; Medium parameters used: $f = 2593$ MHz; $\sigma = 2.02$ S/m; $\epsilon_r = 37.905$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(7.1, 6.9, 6.98); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.856 W/kg

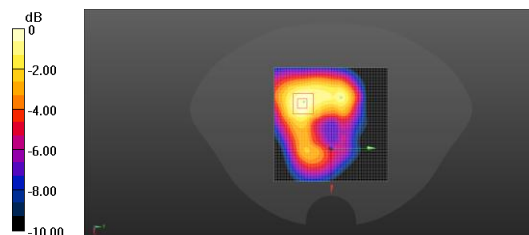
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.075 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.572 W/kg; SAR(10 g) = 0.324 W/kg

Maximum value of SAR (measured) = 0.845 W/kg



0 dB = 0.845 W/kg = -0.73 dBW/kg

Date: 5/7/2025

FR1 n41 PC2-BW100_QPSK_135RB69Offset-Back-Ant4-CH518598-2592.99MHz

DUT: 5G MIFI

Communication System: UID 0, FR1 TDD (0); Communication System Band: n41; Duty Cycle: 1:1.009; Frequency: 2592.99 MHz; Medium parameters used: $f = 2593$ MHz; $\sigma = 2.02$ S/m; $\epsilon_r = 37.905$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(7.1, 6.9, 6.98); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.919 W/kg

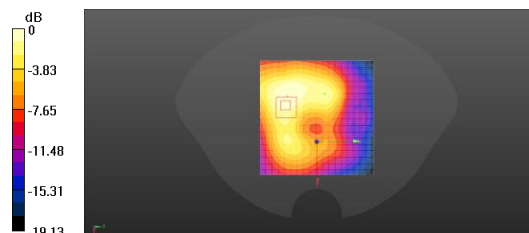
Zoom Scan (9x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.962 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.553 W/kg; SAR(10 g) = 0.185 W/kg

Maximum value of SAR (measured) = 0.82 W/kg



0 dB = 0.82 W/kg = 0.15 dBW/kg

Date: 5/7/2025

FR1 n41 PC3-BW100_QPSK_1RB1Offset-Back-Ant5-CH518598-2592.99MHz

DUT: 5G MIFI

Communication System: UID 0, FR1 TDD (0); Communication System Band: n41; Duty Cycle: 1:1.006; Frequency: 2592.99 MHz; Medium parameters used: $f = 2593$ MHz; $\sigma = 2.02$ S/m; $\epsilon_r = 37.905$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(7.1, 6.9, 6.98); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.747 W/kg

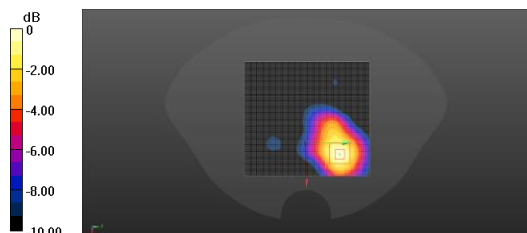
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.412 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.909 W/kg

SAR(1 g) = 0.498 W/kg; SAR(10 g) = 0.264 W/kg

Maximum value of SAR (measured) = 0.762 W/kg



0 dB = 0.762 W/kg = -1.18 dBW/kg

Date: 5/7/2025

FR1 n41PC2-BW100_QPSK_135RB69Offset-Back-Band41-CH518598-2592.99MHz

DUT: 5G MIFI

Communication System: UID 0, FR1 TDD (0); Communication System Band: n41; Duty Cycle: 1:1.009; Frequency: 2592.99 MHz; Medium parameters used: $f = 2593$ MHz; $\sigma = 2.02$ S/m; $\epsilon_r = 37.905$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(7.1, 6.9, 6.98); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

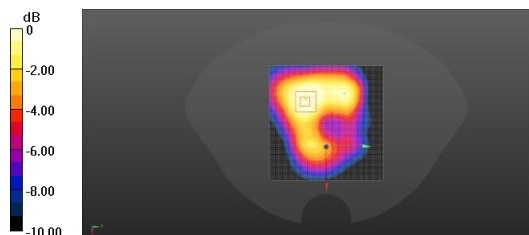
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.919 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.439 W/kg; SAR(10 g) = 0.239 W/kg

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



0 dB = 0.815 W/kg = 0.31 dBW/kg

Date: 5/13/2025

FR1 n48 PC3-BW40_QPSK_50RB28Offset-Left Side-Ant1-CH641666-3624.99MHz

DUT: 5G MIFI

Communication System: UID 0, FR1 TDD (0); Communication System Band: n48; Duty Cycle: 1:1.006; Frequency: 3624.99 MHz; Medium parameters used (interpolated): $f = 3624.99$ MHz; $\sigma = 3.081$ S/m; $\epsilon_r = 39.06$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(6.03, 5.86, 5.93); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.961 W/kg

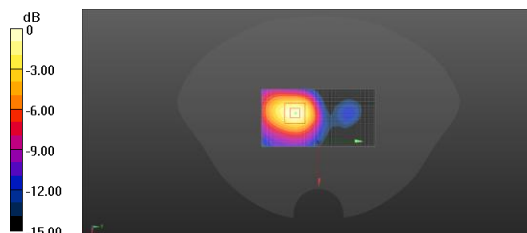
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.190 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.539 W/kg; SAR(10 g) = 0.235 W/kg

Maximum value of SAR (measured) = 0.951 W/kg



0 dB = 0.951 W/kg = -0.22 dBW/kg

Date: 5/13/2025

FR1 n48 UL MIMO-BW40_QPSK_1RB1Offset-Left Side-Ant0+1-CH641666-3624.99MHz

DUT: 5G MIFI

Communication System: UID 0, FR1 TDD (0); Communication System Band: n48; Duty Cycle: 1:1.006; Frequency: 3624.99 MHz; Medium parameters used (interpolated): $f = 3624.99$ MHz; $\sigma = 3.081$ S/m; $\epsilon_r = 39.06$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(6.03, 5.86, 5.93); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.07 W/kg

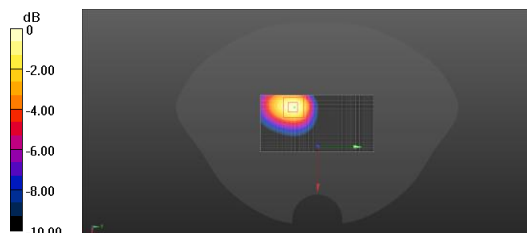
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.566 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.523 W/kg; SAR(10 g) = 0.227 W/kg

Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg = 1.93 dBW/kg

Date: 5/13/2025

FR1 n77 PC3-BW100_QPSK_1RB1Offset-Left Side-Ant1-CH650000-3750MHz

DUT: 5G MIFI

Communication System: UID 0, FR1 TDD (0); Communication System Band: n77; Duty Cycle: 1:1.006; Frequency: 3750 MHz; Medium parameters used: $f = 3750$ MHz; $\sigma = 3.182$ S/m; $\epsilon_r = 38.919$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(6.03, 5.86, 5.93); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.02 W/kg

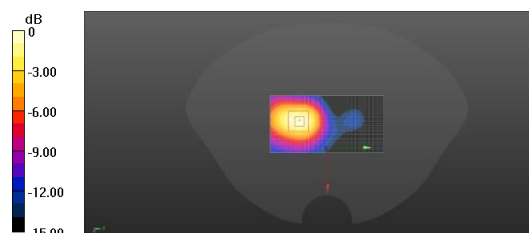
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.782 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.552 W/kg; SAR(10 g) = 0.251 W/kg

Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.02 W/kg = 0.09 dBW/kg

Date: 5/13/2025

FR1 n77PC2-BW1000_QPSK_1RB1Offset-Left side-Ant1-CH650000-3750MHz

DUT: 5G MIFI

Communication System: UID 0, FR1 TDD (0); Communication System Band: n77; Duty Cycle: 1:1.009; Frequency: 3750 MHz; Medium parameters used: $f = 3750$ MHz; $\sigma = 3.182$ S/m; $\epsilon_r = 38.919$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(6.03, 5.86, 5.93); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.05 W/kg

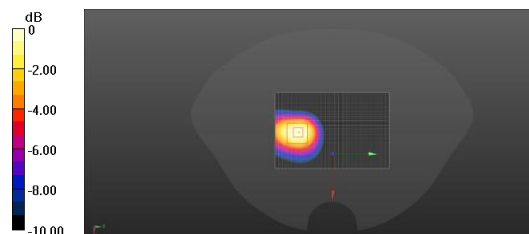
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.711 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.528 W/kg; SAR(10 g) = 0.244 W/kg

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



0 dB = 1.01 W/kg = 0.29 dBW/kg

Date: 5/15/2025

FR1 n77 PC3 UL MIMO_BW100_QPSK_1RB1Offset-Left Side-Ant0+1-CH656000-3840MHz

DUT: 5G MIFI

Communication System: UID 0, FR1 TDD (0); Communication System Band: n77; Duty Cycle: 1:1.006; Frequency: 3840 MHz; Medium parameters used: $f = 3840$ MHz; $\sigma = 3.258$ S/m; $\epsilon_r = 38.829$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(6.29, 6.11, 6.18); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

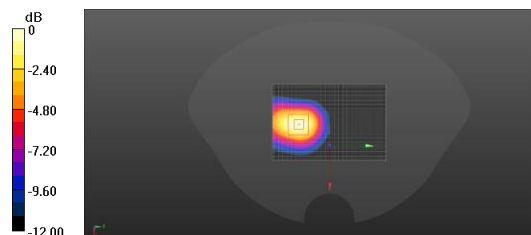
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.804 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.92 W/kg

SAR(1 g) = 0.799 W/kg; SAR(10 g) = 0.355 W/kg

Maximum value of SAR (measured) = 1.45 W/kg



0 dB = 1.45 W/kg = 1.61 dBW/kg

Date: 5/15/2025

FR1 n77 PC2 UL MIMO-BW100_QPSK_1RB1Offset-Left Side-Ant0+1-CH656000-3840MHz

DUT: 5G MIFI

Communication System: UID 0, FR1 TDD (0); Communication System Band: n77; Duty Cycle: 1:1.009; Frequency: 3840 MHz; Medium parameters used: $f = 3840$ MHz; $\sigma = 3.258$ S/m; $\epsilon_r = 38.829$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(6.29, 6.11, 6.18); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.47 W/kg

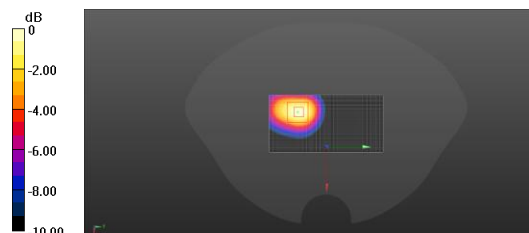
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.760 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 0.781 W/kg; SAR(10 g) = 0.329 W/kg

Maximum value of SAR (measured) = 1.41 W/kg



0 dB = 1.41 W/kg = 1.33 dBW/kg

Date: 5/4/2025

WLAN2.4GHz_802.11b 1Mbps_Left Side Touch_10mm_Ant1+2_CH11_2462MHz

DUT: 5G MIFI

Communication System: UID 0, WIFI 2.4G (0); Communication System Band: 802.11b; Duty Cycle: 1:1; Frequency: 2462 MHz; Medium parameters used: $f = 2462$ MHz; $\sigma = 1.874$ S/m; $\epsilon_r = 38.507$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(7.03, 6.83, 6.91); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.0964 W/kg

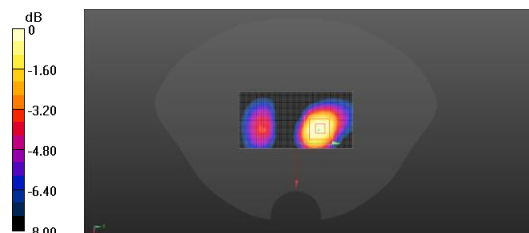
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.390 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.114 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.034 W/kg

Maximum value of SAR (measured) = 0.0921 W/kg



0 dB = 0.0921 W/kg = -10.36 dBW/kg

Date: 5/18/2025

WLAN5.2GHz_802.11a 6Mbps_Left Side Touch_10mm_Ant1+2_CH40_5200MHz

DUT: 5G MIFI

Communication System: UID 0, WIFI 5G (0); Communication System Band: 802.11a; Duty Cycle: 1:1.009; Frequency: 5200 MHz; Medium parameters used: $f = 5200$ MHz; $\sigma = 4.537$ S/m; $\epsilon_r = 36.48$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(5.42, 5.27, 5.33); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.410 W/kg

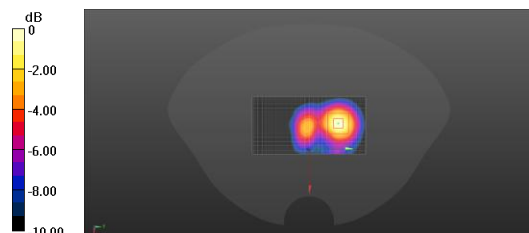
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.623 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.695 W/kg

SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.067 W/kg

Maximum value of SAR (measured) = 0.405 W/kg



0 dB = 0.405 W/kg = -3.93 dBW/kg

Date: 5/20/2025

WLAN5.6GHz-802.11a 6Mbps-Left Side Touch-10mm-Ant1+2-CH116-5580MHz

DUT: 5G MIFI

Communication System: UID 0, WIFI 5G (0); Communication System Band: 802.11a; Duty Cycle: 1:1.009; Frequency: 5825 MHz; Medium parameters used (interpolated): $f = 5825 \text{ MHz}$; $\sigma = 5.248 \text{ S/m}$; $\epsilon_r = 35.439$; $\rho = 1000 \text{ kg/m}^3$

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(5.05, 4.91, 4.97); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x121x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.379 W/kg

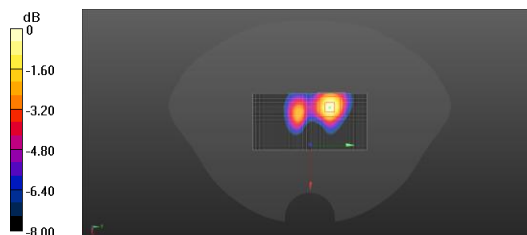
Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 2.316 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.701 W/kg

SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.060 W/kg

Maximum value of SAR (measured) = 0.381 W/kg



0 dB = 0.381 W/kg = -4.19 dBW/kg

Date: 5/22/2025

WLAN5.8GHz_802.11a 6Mbps_Left Side Touch_10mm_Ant1+2_CH165_5825MHz

DUT: 5G MIFI

Communication System: UID 0, WIFI 5G (0); Communication System Band: 802.11a; Duty Cycle: 1:1.009; Frequency: 5825 MHz; Medium parameters used (interpolated): $f = 5825 \text{ MHz}$; $\sigma = 5.248 \text{ S/m}$; $\epsilon_r = 35.439$; $\rho = 1000 \text{ kg/m}^3$

Ambient temperature (°C): 22.5, Liquid temperature (°C): 22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(5.05, 4.91, 4.97); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: TP-1562
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x121x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.324 W/kg

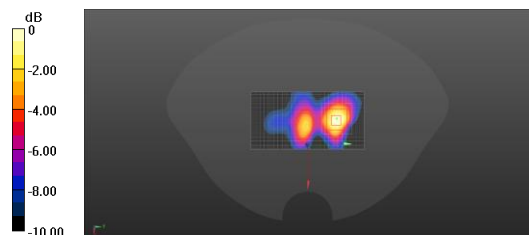
Zoom Scan (9x9x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 4.232 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.783 W/kg

SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.053 W/kg

Maximum value of SAR (measured) = 0.372 W/kg



0 dB = 0.502 W/kg = -2.99 dBW/kg

Measurement Report for Device, EDGE LEFT, IEEE 802.11be (320MHz, MCS0), Channel 31 (6105MHz) ANT 6

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	EDGE LEFT, 10.00	6105., 31	5.22	5.73	34.2

Hardware Setup

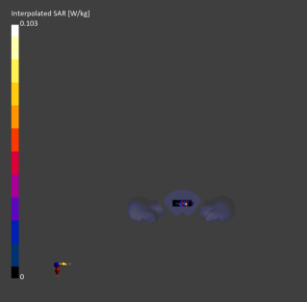
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0	HBBL-600-10000	EX3DV4 - SN7761, 2024-09-19	DAE4 Sn1220, 2025-03-14

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	51.0 x 153.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-05-25	2025-05-25
psSAR1g [W/Kg]	0.080	0.083
psSAR10g [W/Kg]	0.029	0.029
Power Drift [dB]	0.06	0.04



Measurement Report for Device, BACK, IEEE 802.11be (320MHz, MCS0), Channel 31 (6105MHz) ANT 7

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 10.00	6105., 31	5.22	5.73	34.2

Hardware Setup

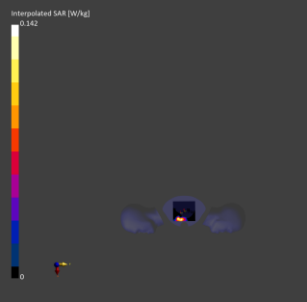
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0	HBBL-600-10000	EX3DV4 - SN7761, 2024-09-19	DAE4 Sn1220, 2025-03-14

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	136.0 x 153.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-05-25	2025-05-25
psSAR1g [W/Kg]	0.109	0.119
psSAR10g [W/Kg]	0.042	0.044
Power Drift [dB]	0.03	0.07



Measurement Report for Device, EDGE LEFT, IEEE 802.11be (320MHz, MCS0), Channel 63 (6265MHz)

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor
5G	EDGE LEFT, 2.00	6265, 63	1.0

Hardware Setup

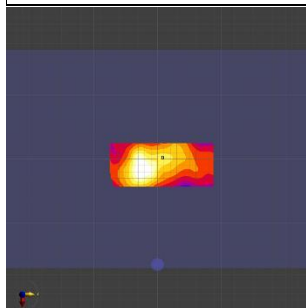
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave	Air	EUmmWV4 - SN9681_F1-55GHz, 2024-09-16	DAE4 Sn1220, 2025-03-14

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0

Measurement Results

Scan Type	5G Scan
Date	2025-05-28
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.19
psPDtot+ [W/m ²]	2.48
psPDmod+ [W/m ²]	2.90
Power Drift [dB]	0.01



Measurement Report for Device, EDGE LEFT, IEEE 802.11be (320MHz, MCS0), Channel 63 (6265MHz)

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor
5G	EDGE LEFT, 2.00	6265, 63	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave	Air	EUmmWV4 - SN9681_F1-55GHz, 2024-09-16	DAE4 Sn1220, 2025-03-14

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0

Measurement Results

Scan Type	5G Scan
Date	2025-05-28
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.28
psPDtot+ [W/m ²]	2.57
psPDmod+ [W/m ²]	3.13
Power Drift [dB]	-0.09

