

SAR Plots

- Verification Plots
- SAR Test Plots

Dt&C Co., Ltd.

DUT: Dipole 750 MHz; Type: D750V3; Serial: D750V3 - SN:1049

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.877 \text{ S/m}$; $\epsilon_r = 43.219$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7898; ConvF(9.51, 9.18, 8.97); Calibrated: 10/30/2024 Electronics: DAE4 Sn1485
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1783
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2025-10-01; Ambient Temp: 21.4; Tissue Temp: 21.3

750 MHz System Verification (250 mW)

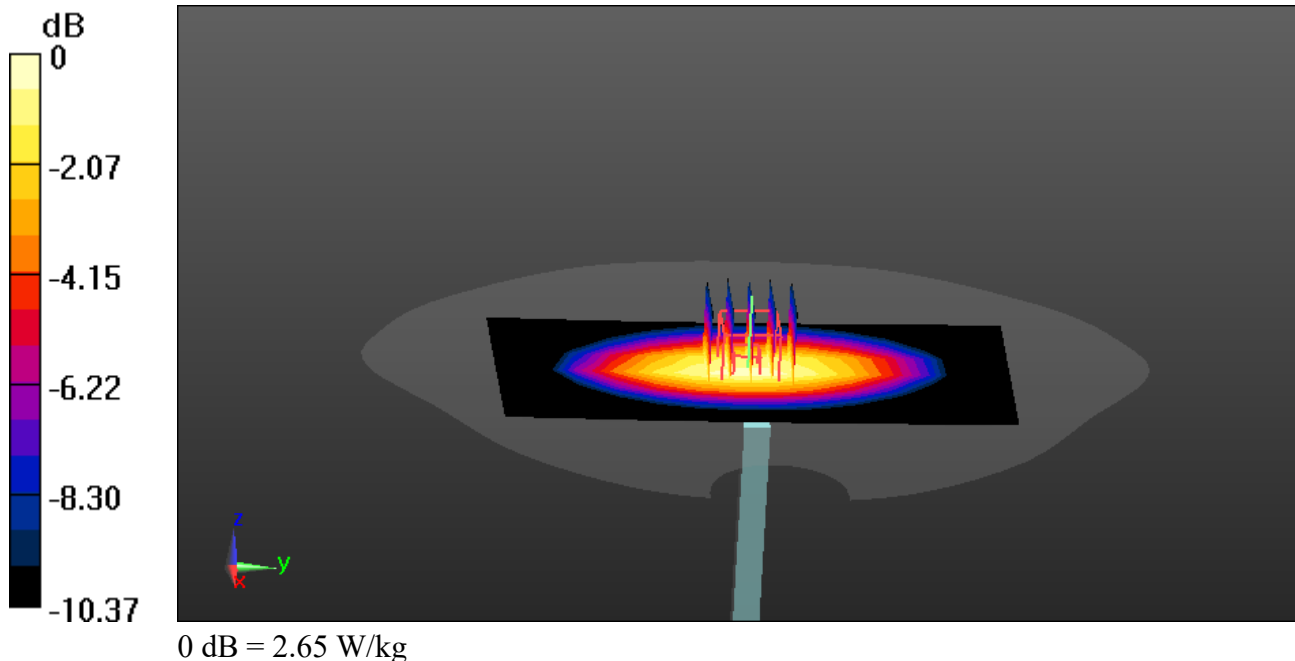
Area Scan (7x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.46 W/kg

SAR(1 g) = 2.27 W/kg; SAR(10 g) = 1.49 W/kg



Dt&C Co., Ltd.

DUT: Dipole 750 MHz; Type: D750V3; Serial: D750V3 - SN:1049

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.899 \text{ S/m}$; $\epsilon_r = 43.185$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(9.82, 9.48, 9.73); Calibrated: 3/19/2025 Electronics: DAE4 Sn1453
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2025-10-15; Ambient Temp: 21.1; Tissue Temp: 21.0

750 MHz System Verification (250 mW)

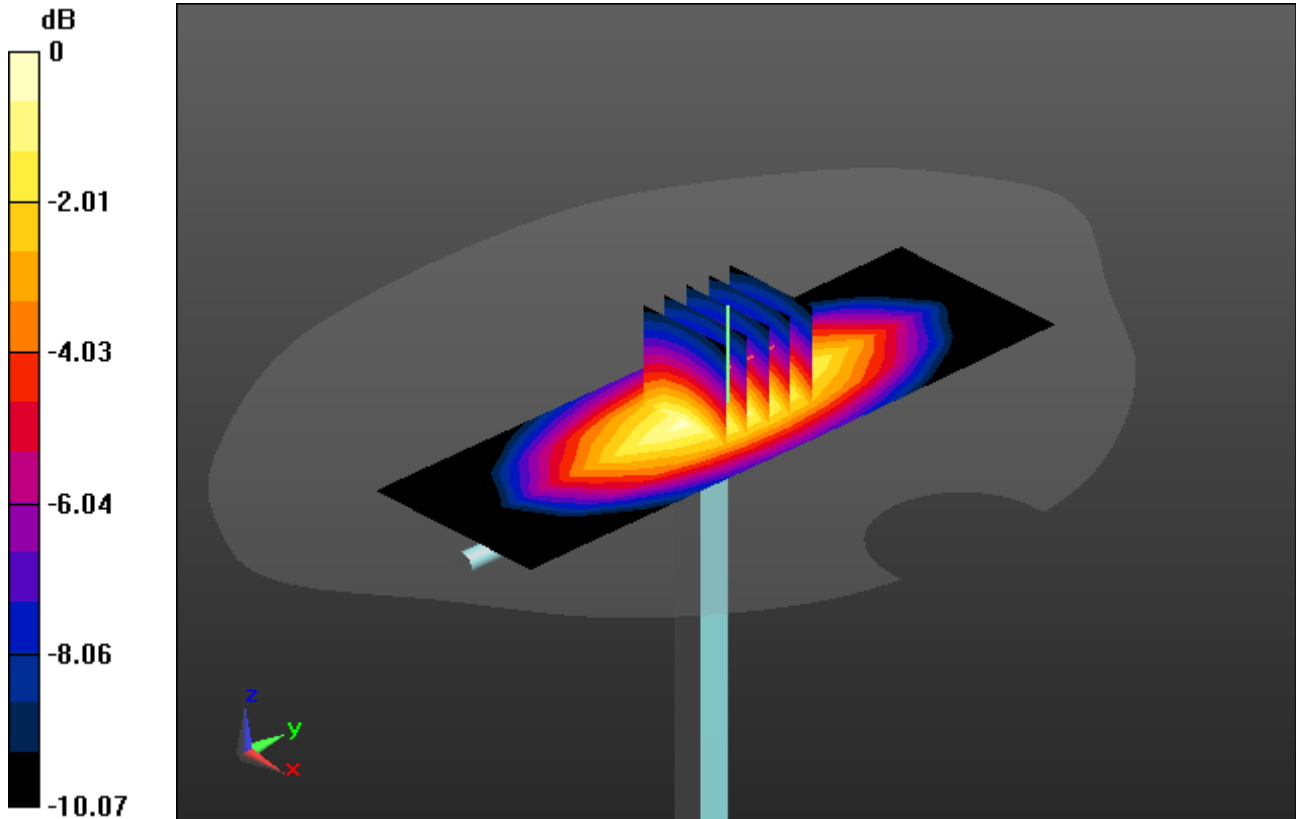
Area Scan (5x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.89 W/kg

SAR(1 g) = 2.16 W/kg; SAR(10 g) = 1.46 W/kg



Dt&C Co., Ltd.

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.879 \text{ S/m}$; $\epsilon_r = 42.077$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7898; ConvF(9.1, 8.78, 8.58); Calibrated: 10/30/2024 Electronics: DAE4 Sn1485
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1783
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2025-09-30; Ambient Temp: 21.3; Tissue Temp: 21.2

835 MHz System Verification (250 mW)

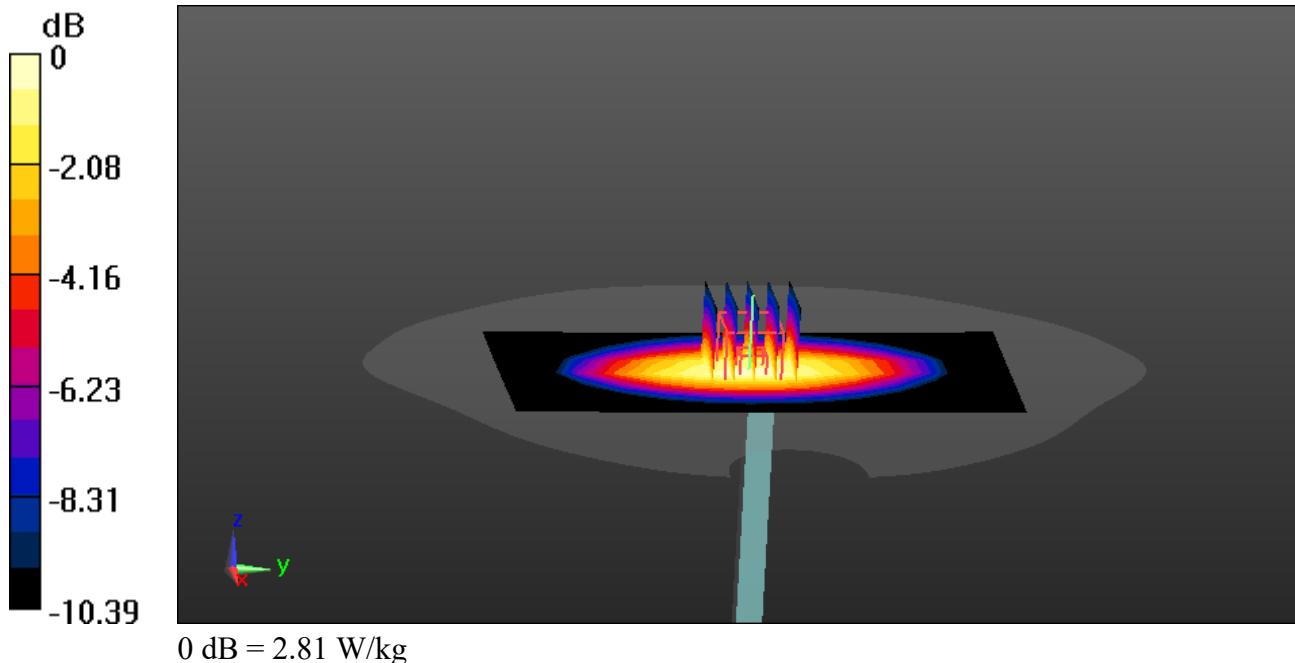
Area Scan (7x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.68 W/kg

SAR(1 g) = 2.39 W/kg; SAR(10 g) = 1.57 W/kg



Dt&C Co., Ltd.

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.935 \text{ S/m}$; $\epsilon_r = 41.816$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(9.34, 9.02, 9.26); Calibrated: 3/19/2025 Electronics: DAE4 Sn1453
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2025-10-14; Ambient Temp: 21.5; Tissue Temp: 21.4

835 MHz System Verification (250 mW)

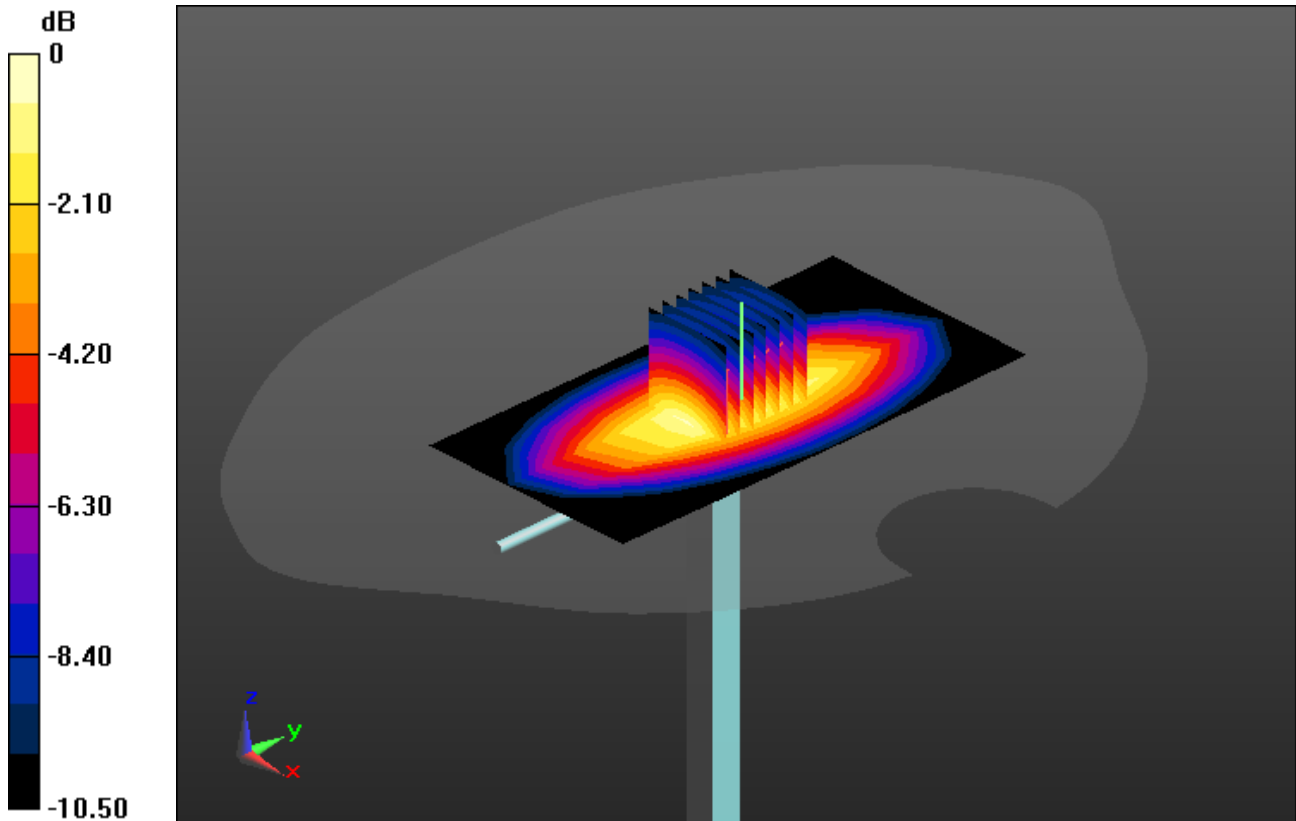
Area Scan (6x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 3.38 W/kg

SAR(1 g) = 2.28 W/kg; SAR(10 g) = 1.57 W/kg



Dt&C Co., Ltd.

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d047

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1800 \text{ MHz}$; $\sigma = 1.372 \text{ S/m}$; $\epsilon_r = 39.911$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7898; ConvF(7.88, 7.6, 7.43): 10/30/2024 Electronics: DAE4 Sn1485
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1783
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2025-10-02; Ambient Temp: 21.3; Tissue Temp: 21.2

1 800 MHz System Verification (100 mW)

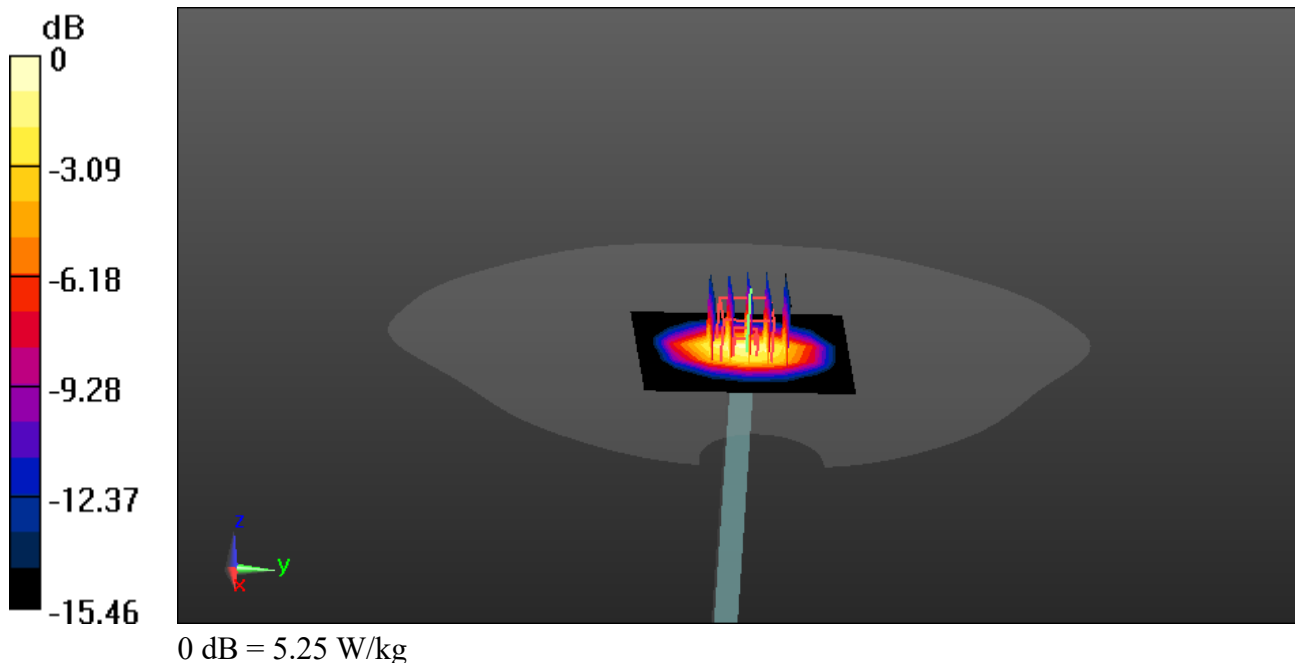
Area Scan (6x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 6.34 W/kg

SAR(1 g) = 3.85 W/kg; SAR(10 g) = 2.14 W/kg



Dt&C Co., Ltd.

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d047

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1800 \text{ MHz}$; $\sigma = 1.407 \text{ S/m}$; $\epsilon_r = 40.325$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7898; ConvF(7.88, 7.6, 7.43); Calibrated: 10/30/2024 Electronics: DAE4 Sn1485
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1783
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2025-09-29; Ambient Temp: 21.4; Tissue Temp: 21.3

1 800 MHz System Verification (100 mW)

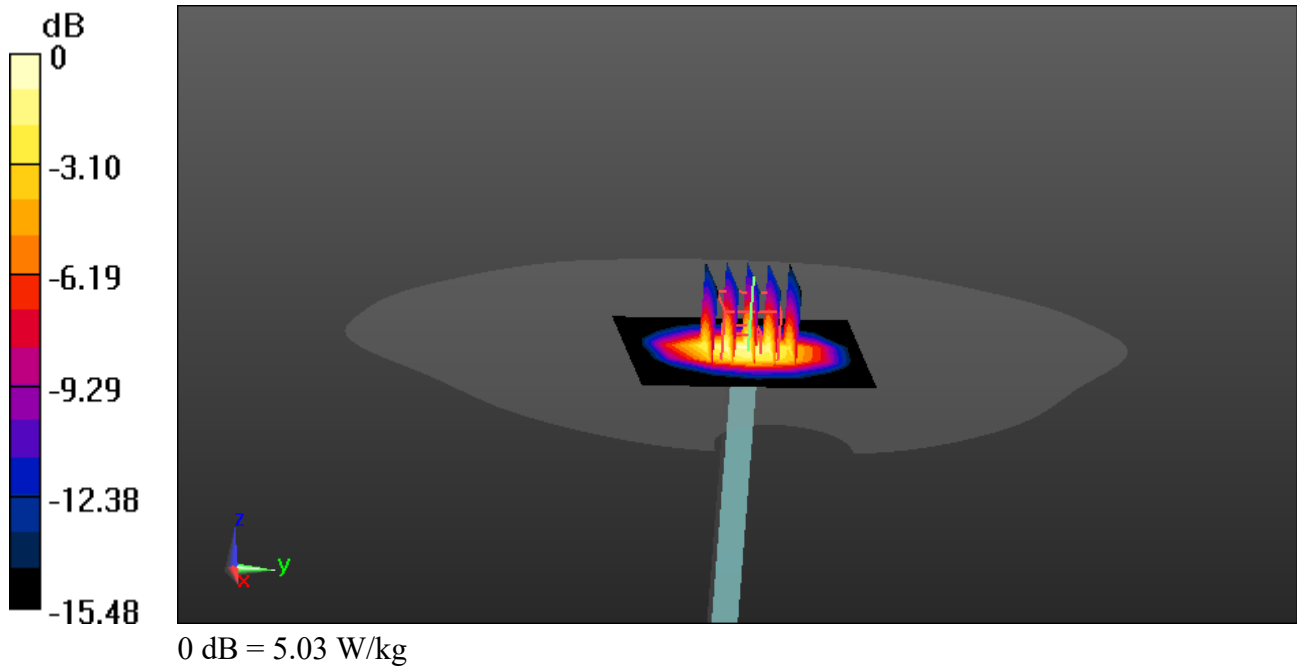
Area Scan (6x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.11 dB

Peak SAR (extrapolated) = 6.14 W/kg

SAR(1 g) = 3.71 W/kg; SAR(10 g) = 2.06 W/kg



Dt&C Co., Ltd.

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d047

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1800$ MHz; $\sigma = 1.388$ S/m; $\epsilon_r = 41.247$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(8.13, 7.85, 8.06); Calibrated: 3/19/2025 Electronics: DAE4 Sn1453
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2025-10-16; Ambient Temp: 21.3; Tissue Temp: 21.2

1 800 MHz System Verification (100 mW)

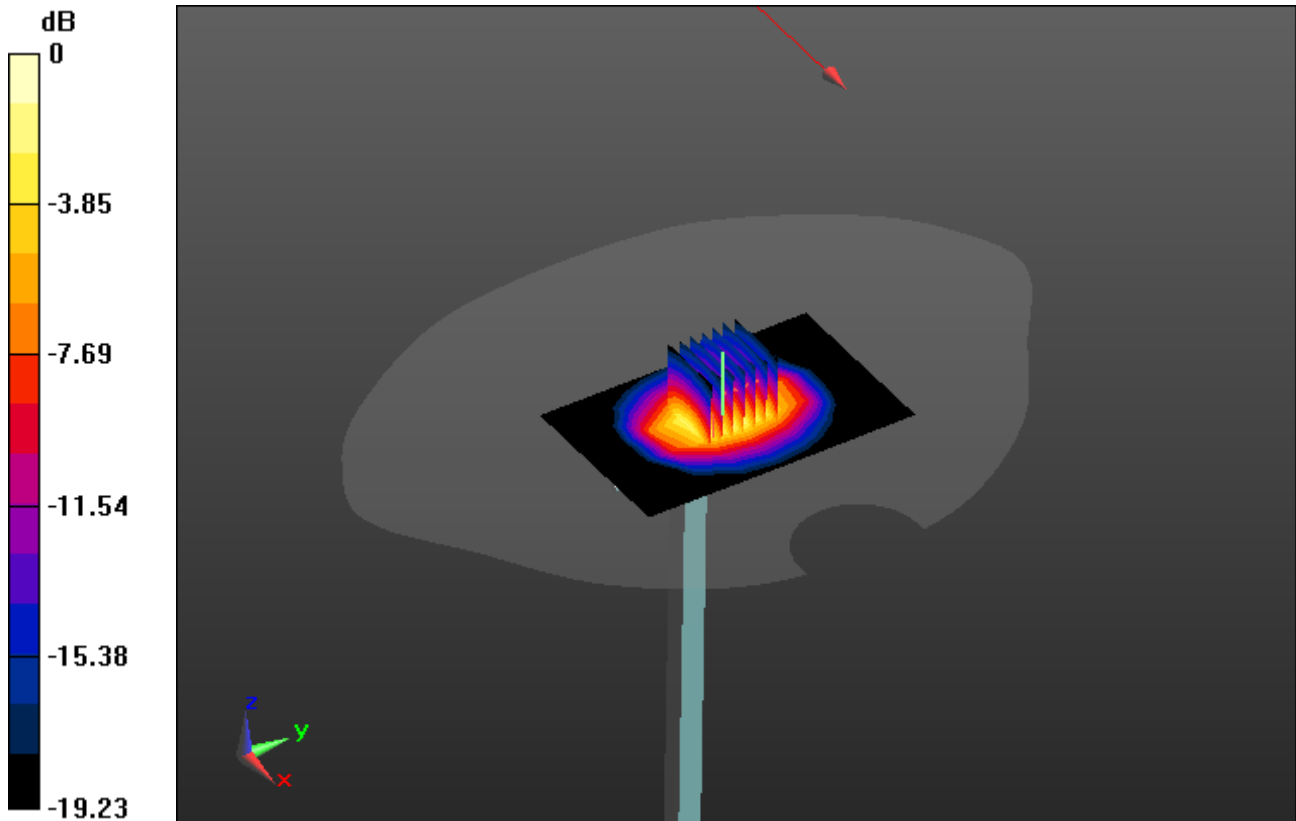
Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.16 dB

Peak SAR (extrapolated) = 6.26 W/kg

SAR(1 g) = 3.88 W/kg; SAR(10 g) = 1.92 W/kg



0 dB = 5.35 W/kg

Dt&C Co., Ltd.

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d029

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.417 \text{ S/m}$; $\epsilon_r = 39.626$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7898; ConvF(7.62, 7.35, 7.18); Calibrated: 10/30/2024 Electronics: DAE4 Sn1485
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1783
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2025-09-26; Ambient Temp: 21.7; Tissue Temp: 21.6

1 900 MHz System Verification (100 mW)

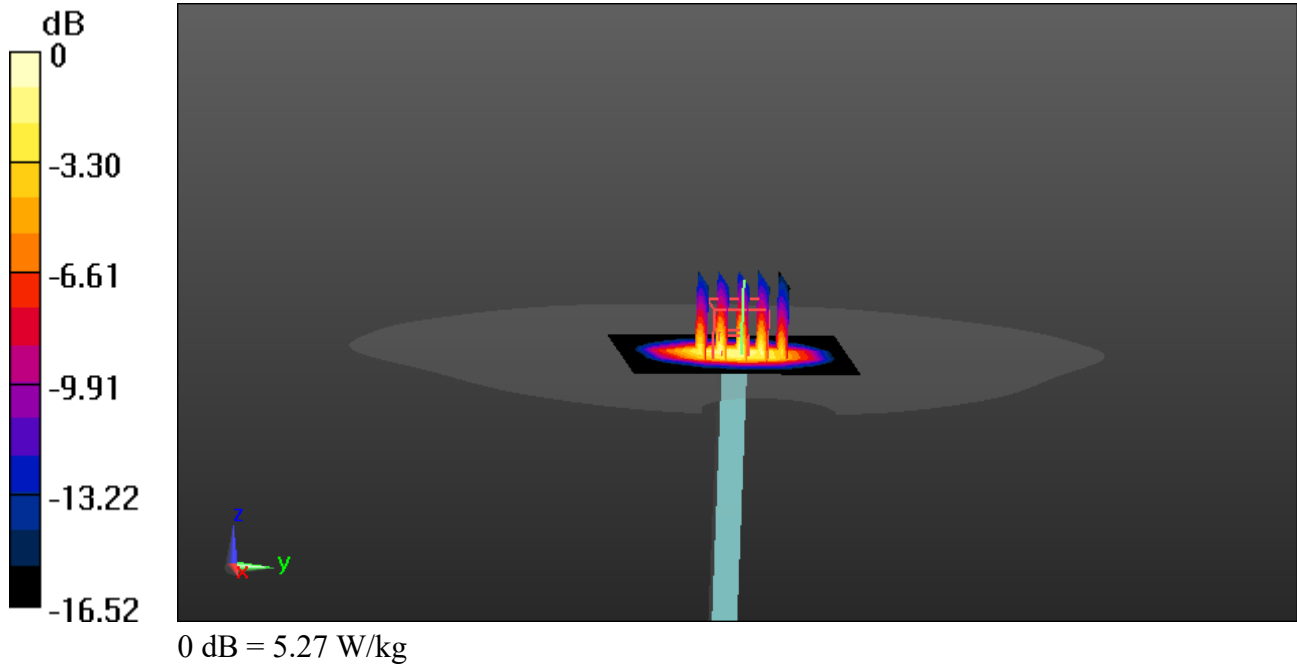
Area Scan (6x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 6.43 W/kg

SAR(1 g) = 3.86 W/kg; SAR(10 g) = 2.10 W/kg



Dt&C Co., Ltd.

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d029

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 39.854$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(7.73, 7.46, 7.66); Calibrated: 3/19/2025 Electronics: DAE4 Sn1453
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2025-10-13; Ambient Temp: 21.7; Tissue Temp: 21.5

1 900 MHz System Verification (100 mW)

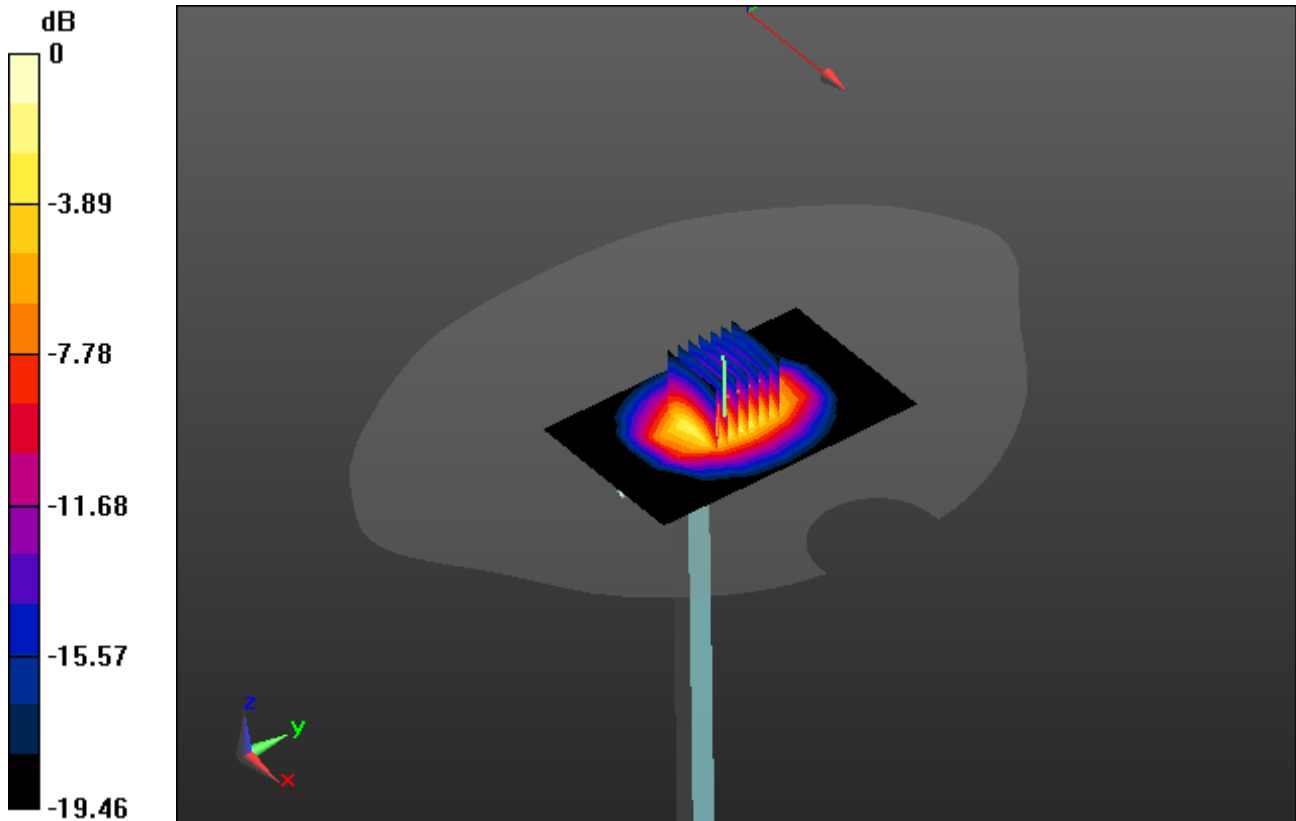
Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 7.5 W/kg

SAR(1 g) = 4.1 W/kg; SAR(10 g) = 2.04 W/kg



Dt&C Co., Ltd.

DUT: Dipole 3500 MHz; Type: D3500V2; Serial: D3500V2 - SN:1018

Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3500$ MHz; $\sigma = 2.882$ S/m; $\epsilon_r = 38.454$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

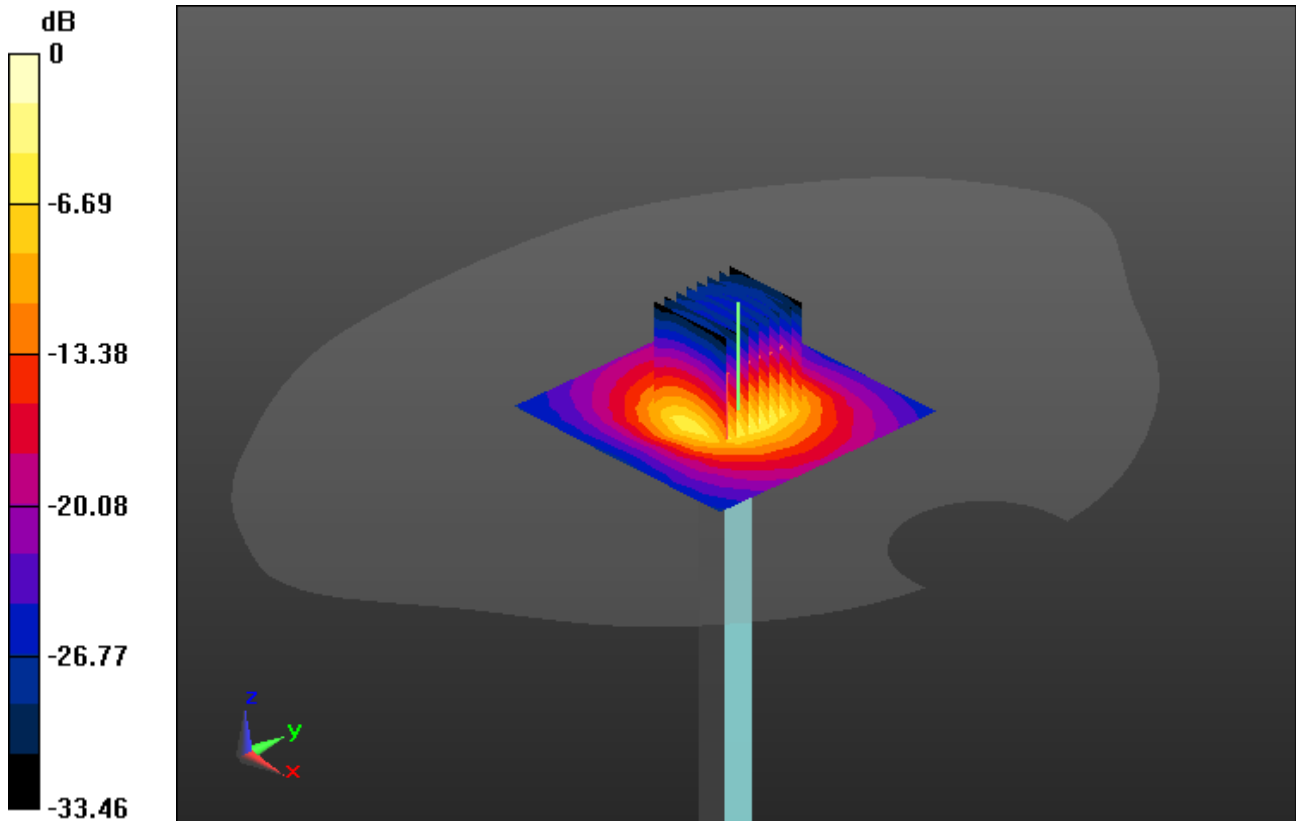
Probe: EX3DV4 - SN3916; ConvF(6.92, 6.68, 6.87); Calibrated: 3/19/2025 Electronics: DAE4 Sn1453
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2025-10-20; Ambient Temp: 21.4; Tissue Temp: 21.2

3 500 MHz System Verification (100 mW)

Area Scan (9x9x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.11 dB
Peak SAR (extrapolated) = 16.47 W/kg
SAR(1 g) = 6.59 W/kg; SAR(10 g) = 2.44 W/kg



Dt&C Co., Ltd.

DUT: Dipole 3700 MHz; Type: D3700V2; Serial: D3700V2 - SN:1023

Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3700$ MHz; $\sigma = 3.093$ S/m; $\epsilon_r = 38.174$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

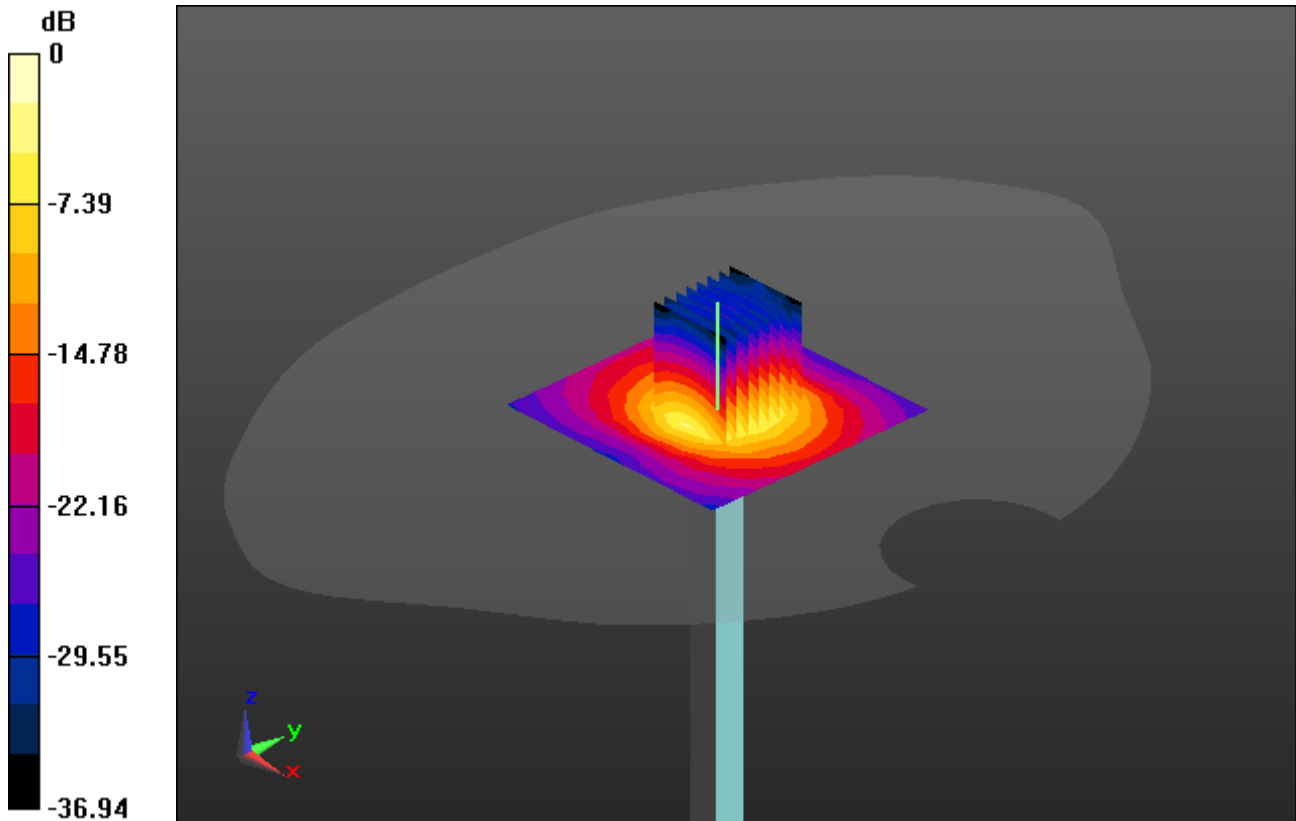
Probe: EX3DV4 - SN3916; ConvF(6.88, 6.64, 6.82); Calibrated: 3/19/2025 Electronics: DAE4 Sn1453
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2025-10-20; Ambient Temp: 21.4; Tissue Temp: 21.2

3 700 MHz System Verification (100 mW)

Area Scan (9x9x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.09 dB
Peak SAR (extrapolated) = 17.32 W/kg
SAR(1 g) = 6.78 W/kg; SAR(10 g) = 2.46 W/kg



0 dB = 12.6 W/kg

Dt&C Co., Ltd.

DUT: Dipole 3900 MHz; Type: D3900V2; Serial: D3900V2 - SN:1037

Communication System: UID 0, CW (0); Frequency: 3900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3900 \text{ MHz}$; $\sigma = 3.315 \text{ S/m}$; $\epsilon_r = 37.840$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

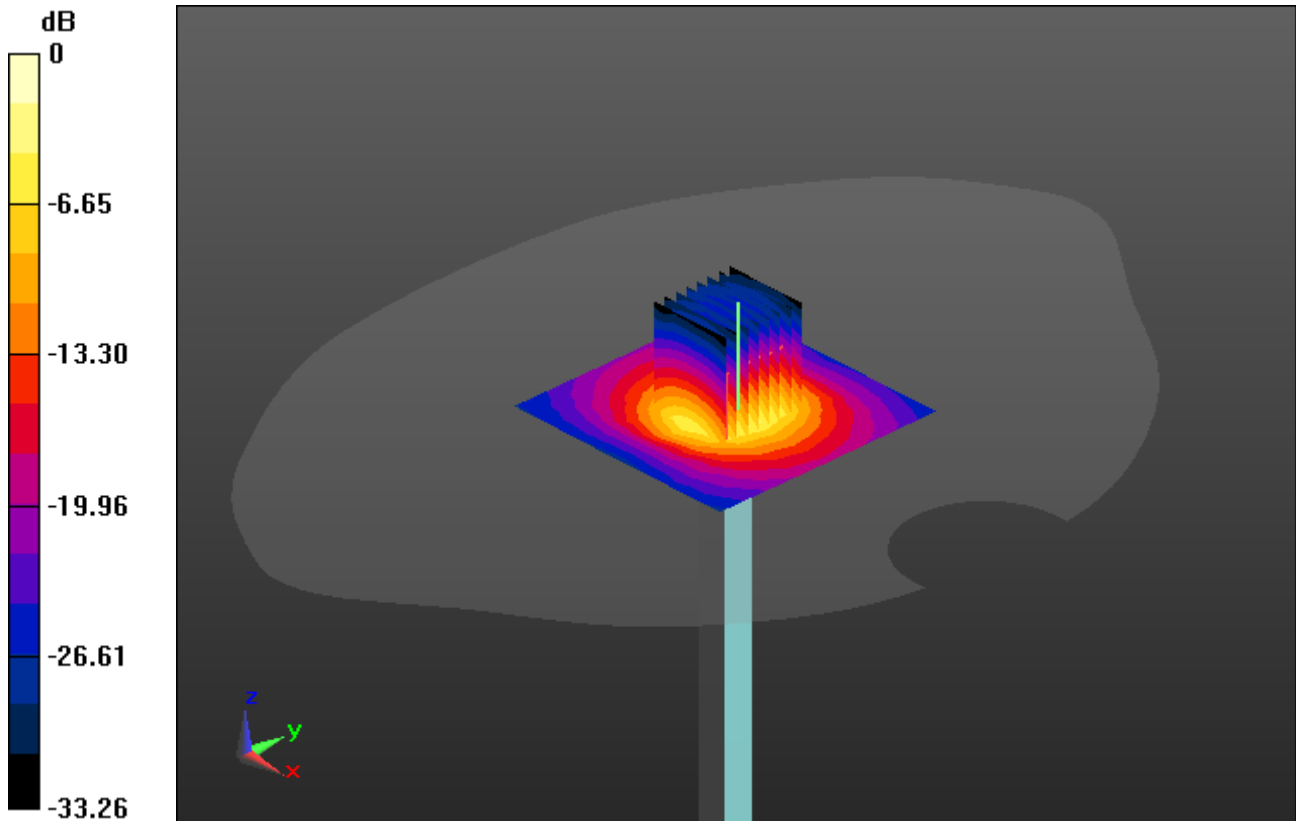
Probe: EX3DV4 - SN3916; ConvF(6.73, 6.5, 6.68); Calibrated: 3/19/2025 Electronics: DAE4 Sn1453
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2025-10-20; Ambient Temp: 21.4; Tissue Temp: 21.2

3 900 MHz System Verification (100 mW)

Area Scan (9x9x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$, Graded Ratio: 1.4
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 18.3 W/kg
SAR(1 g) = 7.09 W/kg; SAR(10 g) = 2.59 W/kg



0 dB = 14.2 W/kg

Dt&C Co., Ltd.

DUT: TM16FNNATY0; Type: Telematics

Communication System: UID 0, LTE Band 12(FCC) (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.864$ S/m; $\epsilon_r = 43.352$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7898; ConvF(9.51, 9.18, 8.97); Calibrated: 10/30/2024 Electronics: DAE4 Sn1485
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1783
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2025-10-01; Ambient Temp: 21.4; Tissue Temp: 21.3

1.5 cm space from Body, Bottom, LTE Band 12 Ch. 23095, Ant Internal

Mode : BandWidth 10 MHz, QPSK, RB Size: 1

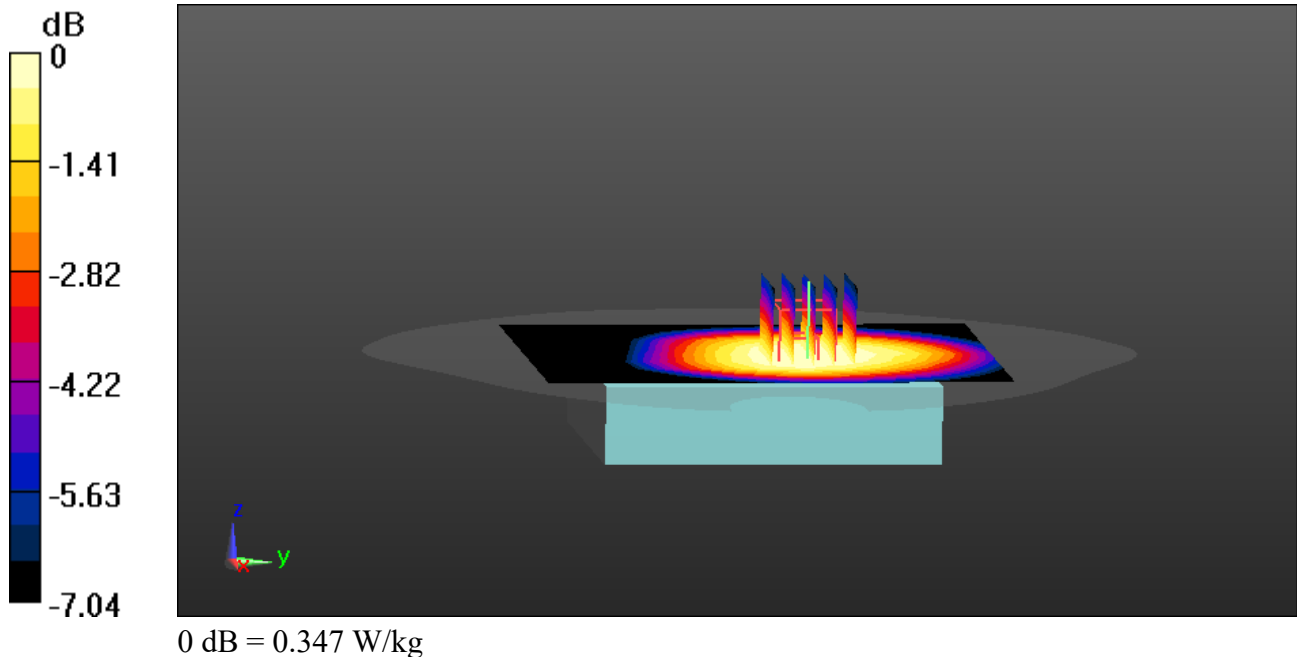
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.372 W/kg

SAR(1 g) = 0.304 W/kg; SAR(10 g) = 0.238 W/kg



Dt&C Co., Ltd.

DUT: TM16FNNATY0; Type: Telematics

Communication System: UID 0, LTE Band 14 (0); Frequency: 793 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.891 \text{ S/m}$; $\epsilon_r = 43.096$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7898; ConvF(9.51, 9.18, 8.97); Calibrated: 10/30/2024 Electronics: DAE4 Sn1485

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1783

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2025-10-01; Ambient Temp: 21.4; Tissue Temp: 21.3

1.5 cm space from Body, Bottom, LTE Band 14 Ch. 23330, Ant Internal

Mode : BandWidth 10 MHz, QPSK, RB Size: 1

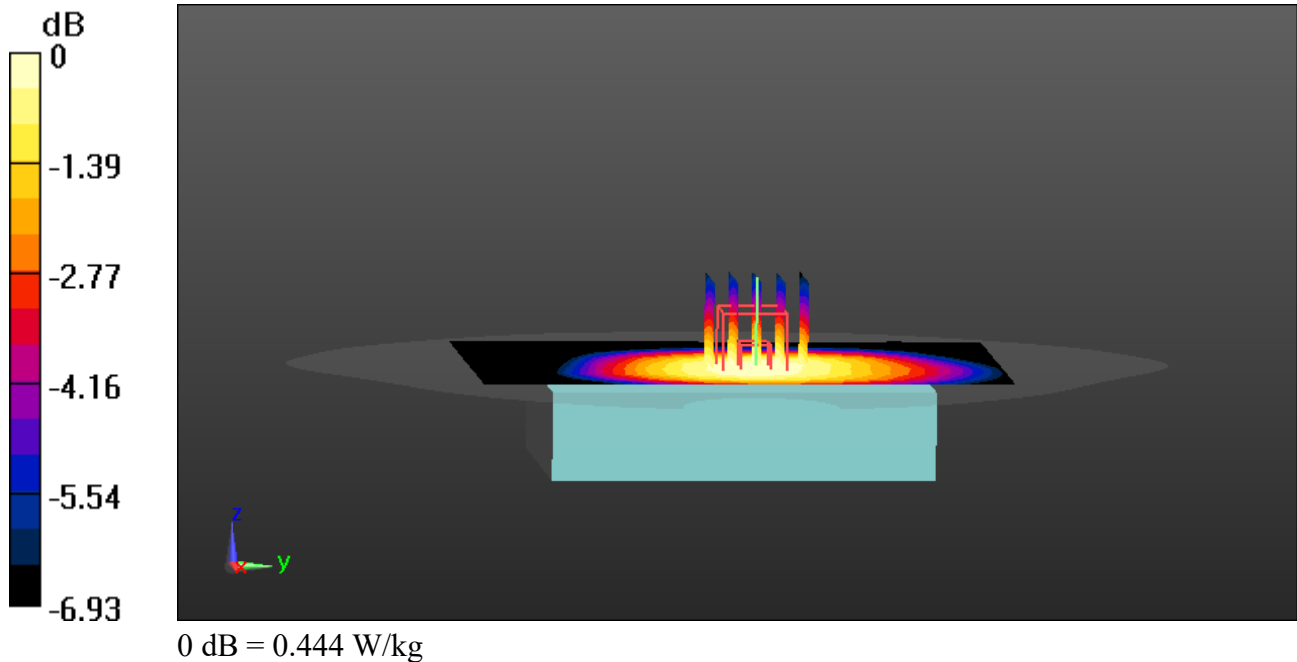
Area Scan (9x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.470 W/kg

SAR(1 g) = 0.397 W/kg; SAR(10 g) = 0.314 W/kg



Dt&C Co., Ltd.

DUT: TM16FNNATY0; Type: Telematics

Communication System: UID 0, LTE Band 5(FCC) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.5 \text{ MHz}$; $\sigma = 0.88 \text{ S/m}$; $\epsilon_r = 42.067$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7898; ConvF(9.1, 8.78, 8.58); Calibrated: 10/30/2024 Electronics: DAE4 Sn1485

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1783

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2025-09-30; Ambient Temp: 21.3; Tissue Temp: 21.2

1.5 cm space from Body, Bottom, LTE Band 5 Ch. 20525, Ant Internal

Mode : BandWidth 10 MHz, QPSK, RB Size: 1

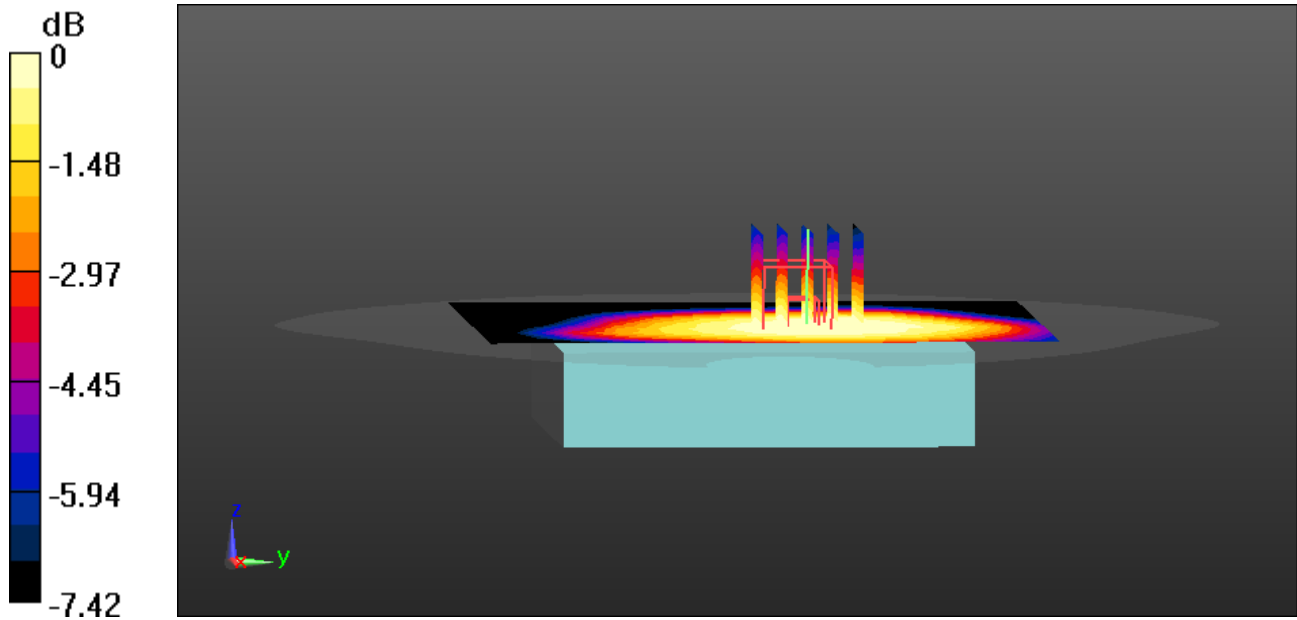
Area Scan (9x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.334 W/kg

SAR(1 g) = 0.280 W/kg; SAR(10 g) = 0.221 W/kg



0 dB = 0.313 W/kg

Dt&C Co., Ltd.

DUT: TM16FNNATY0; Type: Telematics

Communication System: UID 0, LTE Band 66 (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1745 \text{ MHz}$; $\sigma = 1.34 \text{ S/m}$; $\epsilon_r = 39.995$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7898; ConvF(7.88, 7.6, 7.43); Calibrated: 10/30/2024 Electronics: DAE4 Sn1485

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1783

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2025-10-02; Ambient Temp: 21.3; Tissue Temp: 21.2

1.5 cm space from Body, Right, LTE Band 66 Ch. 132322, Ant Internal

Mode : BandWidth 20 MHz, QPSK, RB Size: 1

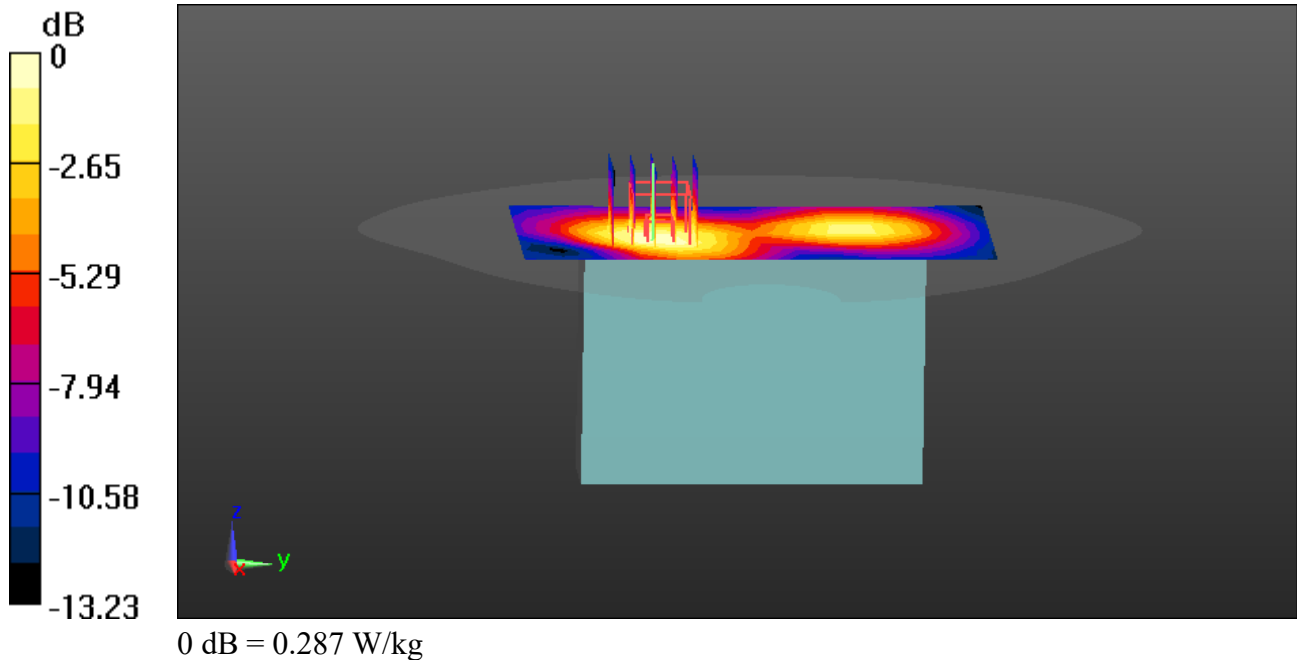
Area Scan (7x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.334 W/kg

SAR(1 g) = 0.231 W/kg; SAR(10 g) = 0.148 W/kg



Dt&C Co., Ltd.

DUT: TM16FNNATY0; Type: Telematics

Communication System: UID 0, LTE Band 4(FCC) (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.368$ S/m; $\epsilon_r = 40.439$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7898; ConvF(7.88, 7.6, 7.43); Calibrated: 10/30/2024 Electronics: DAE4 Sn1485

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1783

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2025-09-29; Ambient Temp: 21.4; Tissue Temp: 21.3

1.5 cm space from Body, Right, LTE Band 4 Ch. 20175, Ant Internal

Mode : BandWidth 20 MHz, QPSK, RB Size: 1

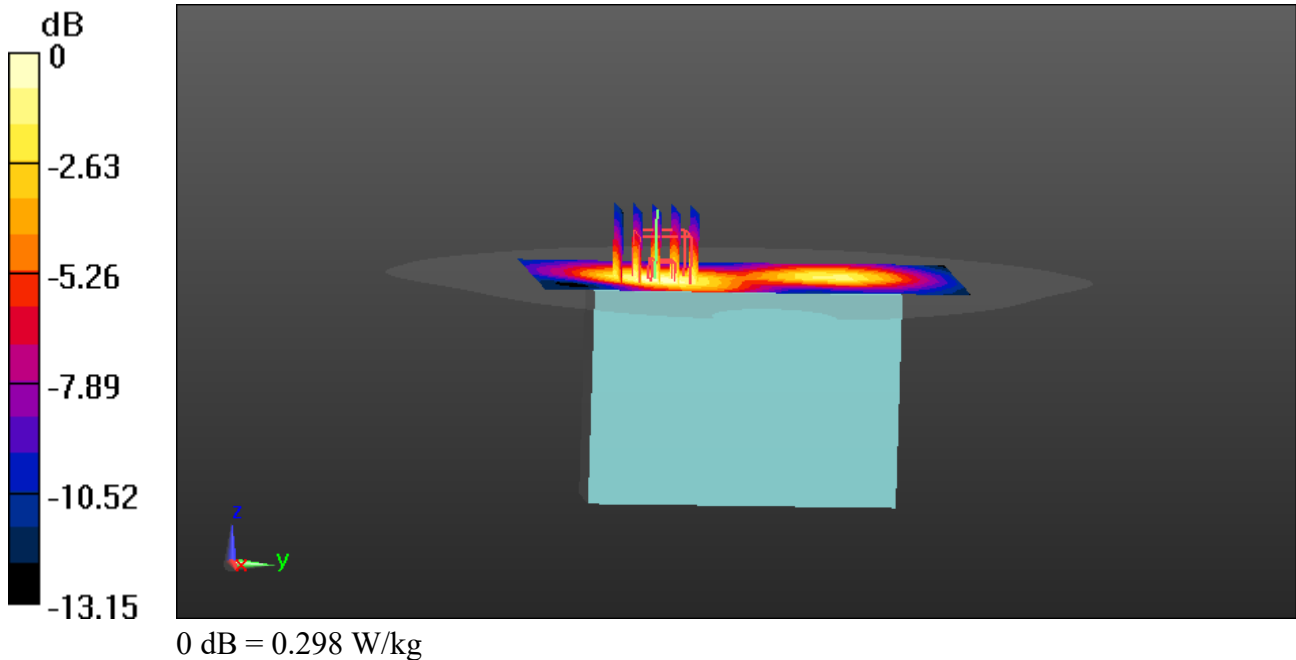
Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.345 W/kg

SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.150 W/kg



Dt&C Co., Ltd.

DUT: TM16FNNATY0; Type: Telematics

Communication System: UID 0, LTE Band 2(FCC) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 39.649$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7898; ConvF(7.62, 7.35, 7.18); Calibrated: 10/30/2024 Electronics: DAE4 Sn1485

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1783

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2025-09-26; Ambient Temp: 21.7; Tissue Temp: 21.6

1.5 cm space from Body, Bottom, LTE Band 2 Ch. 18900, Ant Internal

Mode : BandWidth 20 MHz, QPSK, RB Size: 1

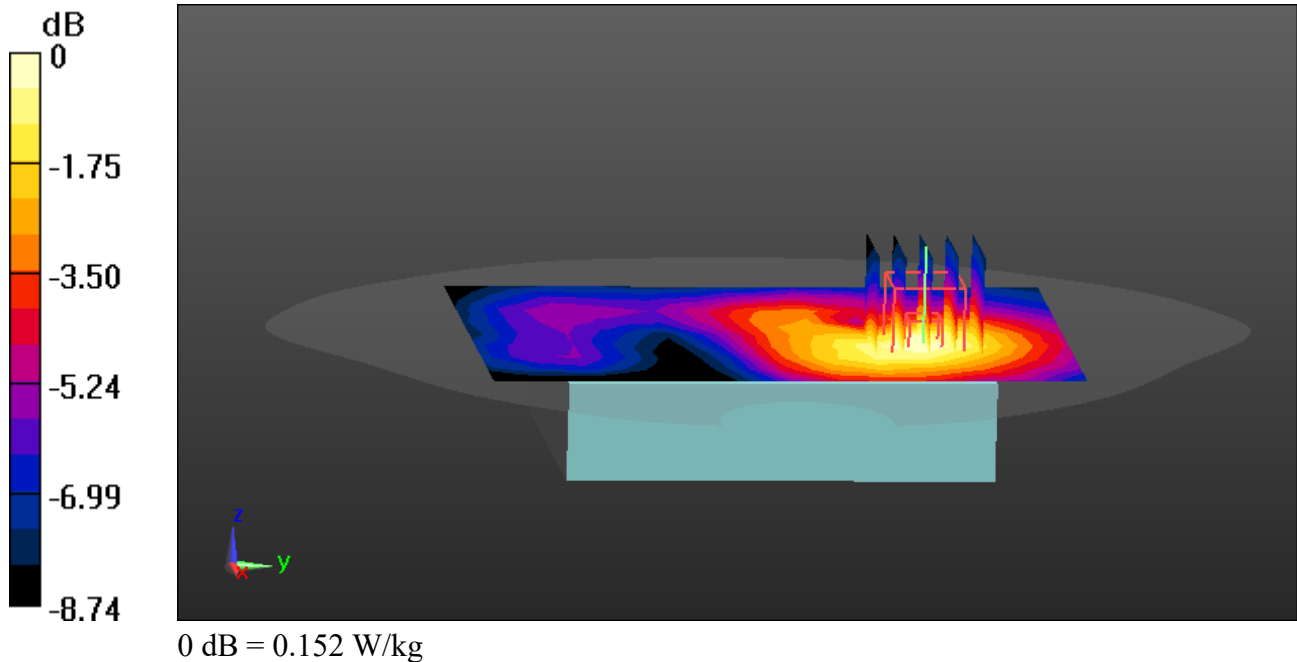
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.174 W/kg

SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.086 W/kg



Dt&C Co., Ltd

DUT: TM16FNNATY0; Type: Telematics

Communication System: UID 0, 5G NR[FCC/IC] (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.885$ S/m; $\epsilon_r = 43.312$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(9.82, 9.48, 9.73); Calibrated: 3/19/2025 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2025-10-15; Ambient Temp: 21.1; Tissue Temp: 21.0

1.5 cm space from Body, Bottom, 5G NR(n12) Ch. 141500, Ant Internal

Mode : BandWidth 15 MHz, QPSK, Inner_1RB_Mid

SCS 15 kHz

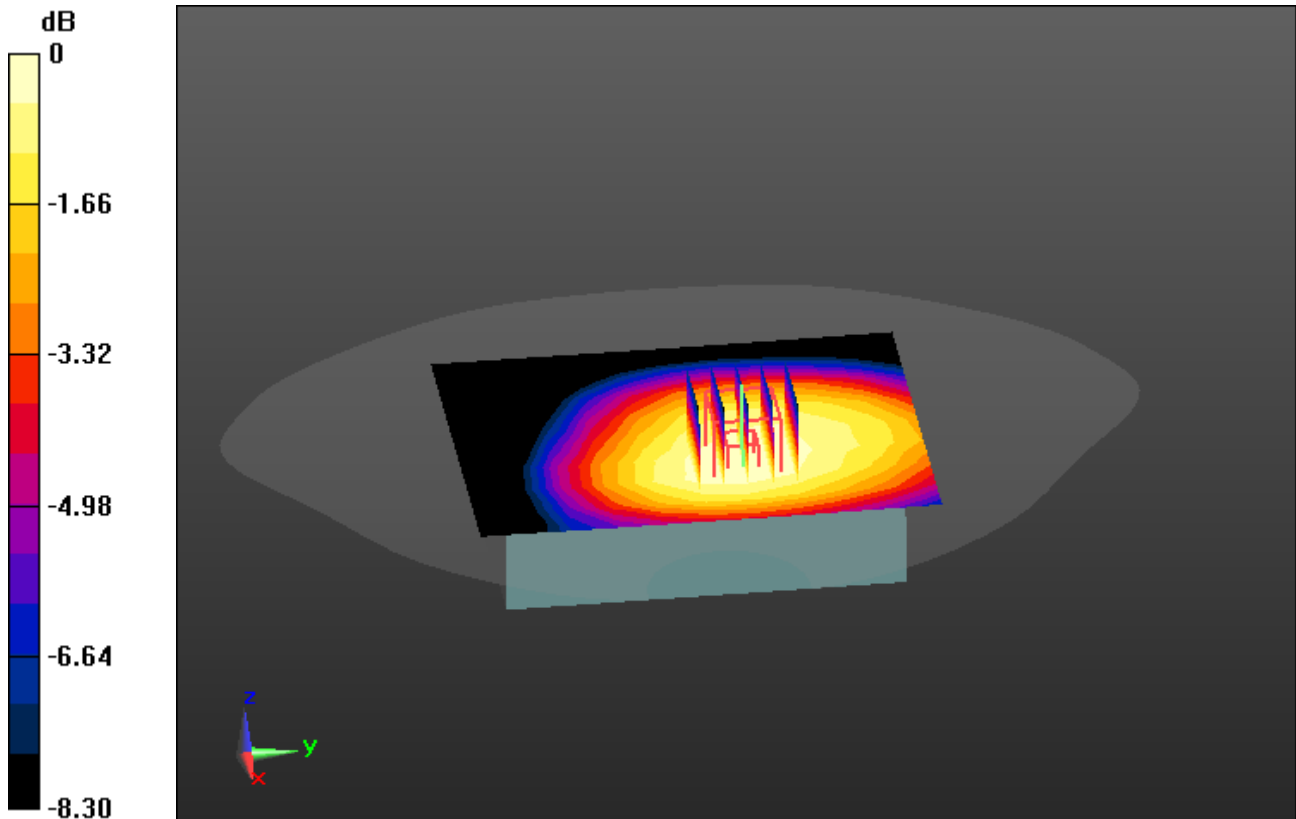
Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.344 W/kg

SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.205 W/kg



0 dB = 0.312 W/kg

Dt&C Co., Ltd

DUT: TM16FNNATY0; Type: Telematics

Communication System: UID 0, 5G NR[FCC/IC] (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.936$ S/m; $\epsilon_r = 41.807$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(9.34, 9.02, 9.26); Calibrated: 3/19/2025 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2025-10-14; Ambient Temp: 21.5; Tissue Temp: 21.4

1.5 cm space from Body, Bottom, 5G NR(n5) Ch. 167300, Ant Internal

Mode : BandWidth 20 MHz, QPSK, Inner_1RB_Mid

SCS 15 kHz

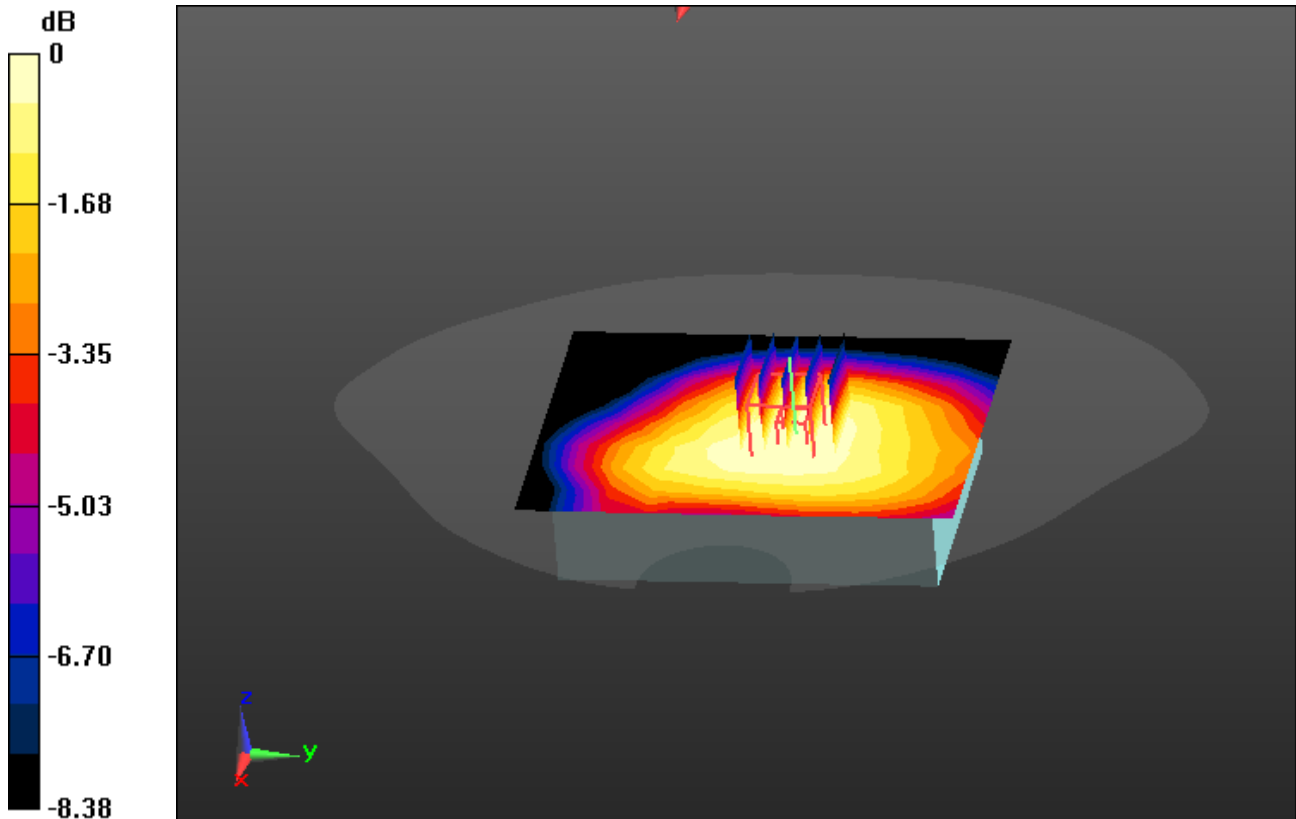
Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.444 W/kg

SAR(1 g) = 0.357 W/kg; SAR(10 g) = 0.271 W/kg



0 dB = 0.410 W/kg

Dt&C Co., Ltd

DUT: TM16FNNATY0; Type: Telematics

Communication System: UID 0, 5G NR[FCC/IC] (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1745 \text{ MHz}$; $\sigma = 1.355 \text{ S/m}$; $\epsilon_r = 41.31$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(8.13, 7.85, 8.06); Calibrated: 3/19/2025 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2025-10-16; Ambient Temp: 21.3; Tissue Temp: 21.2

1.5 cm space from Body, Right, 5G NR(n66) Ch. 349000, Ant Internal

Mode : BandWidth 40 MHz, QPSK, Inner_1RB_Mid

SCS 15 kHz

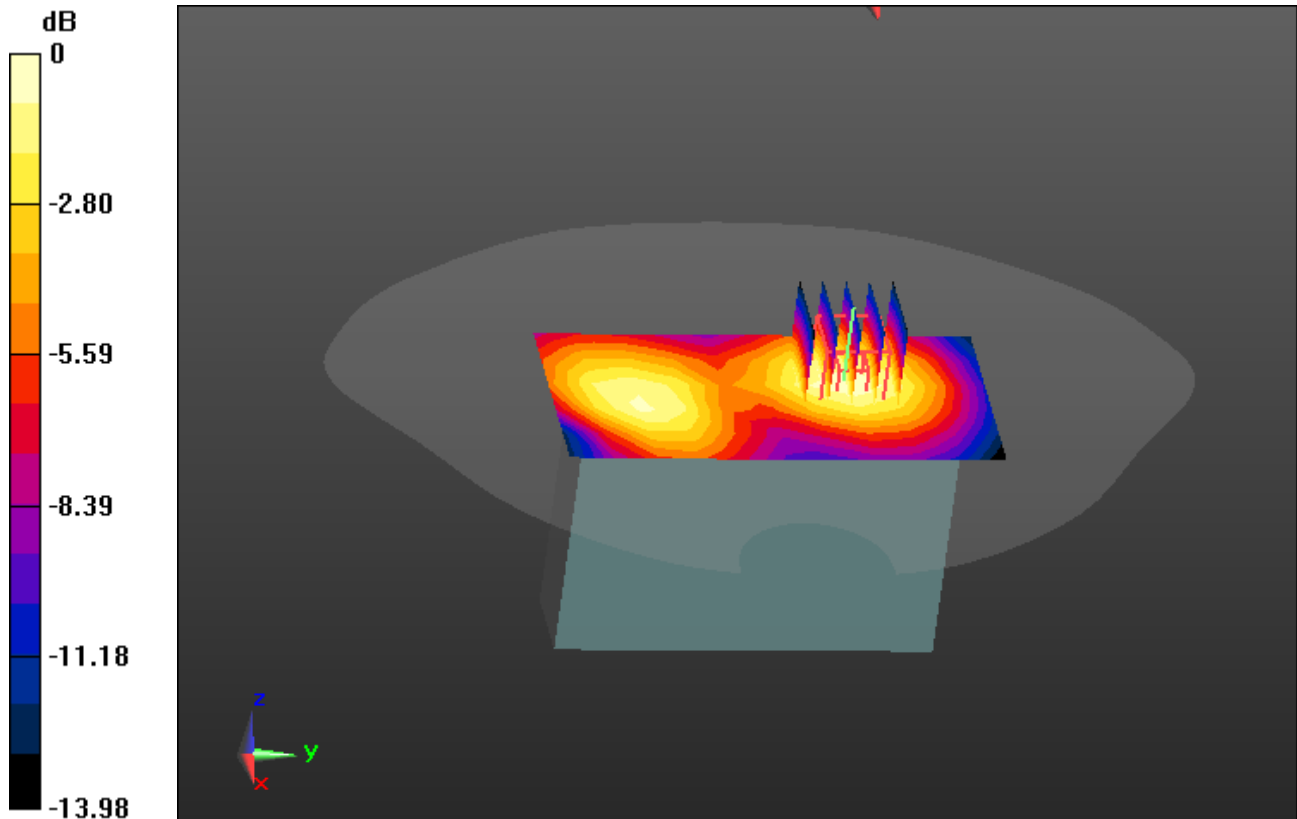
Area Scan (6x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.332 W/kg

SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.140 W/kg



0 dB = 0.286 W/kg

Dt&C Co., Ltd

DUT: TM16FNNATY0; Type: Telematics

Communication System: UID 0, 5G NR[FCC/IC] (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.412 \text{ S/m}$; $\epsilon_r = 39.854$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(7.73, 7.46, 7.66); Calibrated: 3/19/2025 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2025-10-13; Ambient Temp: 21.7; Tissue Temp: 21.5

1.5 cm space from Body, Bottom, 5G NR(n2) Ch. 380000, Ant Internal

Mode : BandWidth 20 MHz, QPSK, Inner_1RB_Mid

SCS 15 kHz

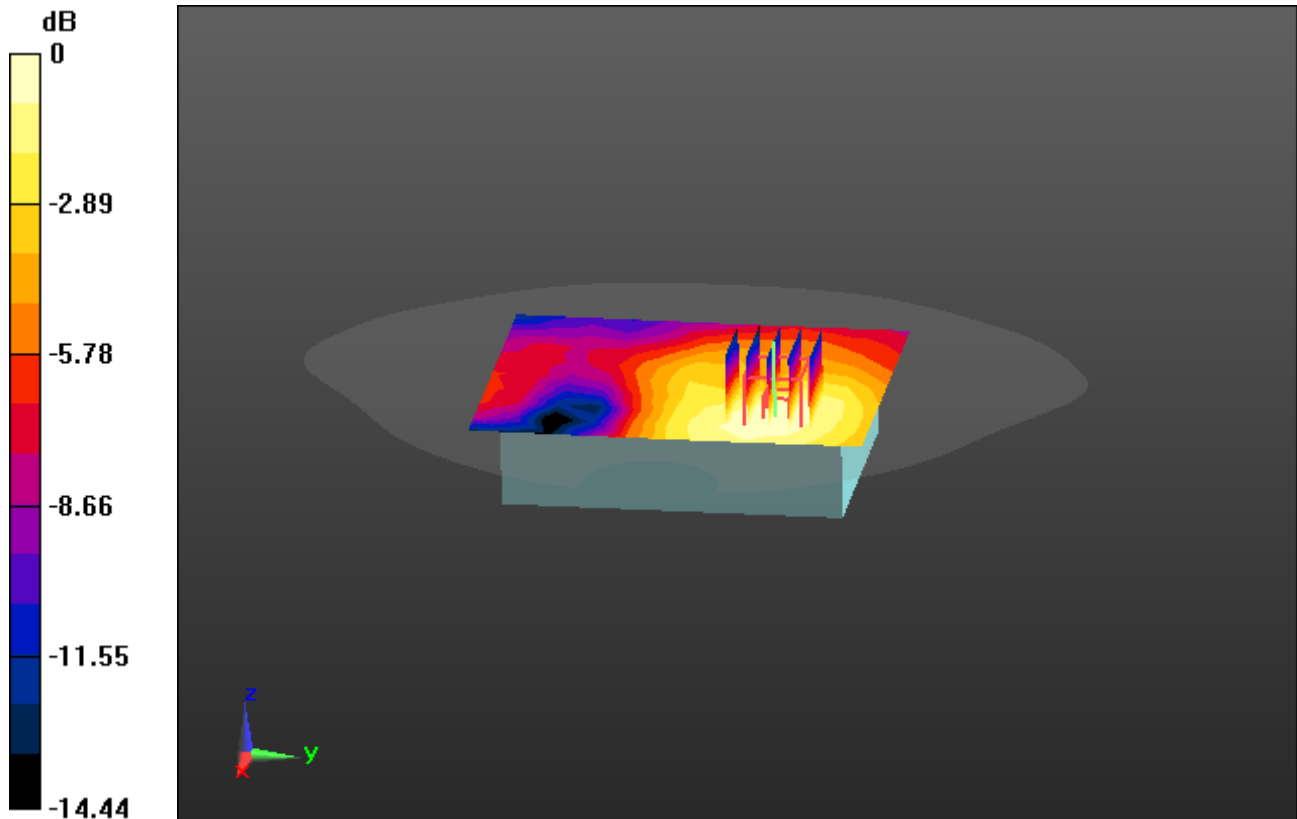
Area Scan (9x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.157 W/kg

SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.067 W/kg



0 dB = 0.133 W/kg

Dt&C Co., Ltd

DUT: TM16FNNATY0; Type: Telematics

Communication System: UID 0, 5G NR[FCC/IC] (0); Frequency: 3750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 3750 \text{ MHz}$; $\sigma = 3.147 \text{ S/m}$; $\epsilon_r = 38.08$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(6.88, 6.64, 6.82); Calibrated: 3/19/2025 Electronics: DAE4 Sn1453

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1837

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2025-10-20; Ambient Temp: 21.4; Tissue Temp: 21.2

1.5 cm space from Body, Bottom, 5G NR(n77) Ch. 650000, Ant Internal

Mode : BandWidth 100 MHz, QPSK, Inner_1RB_Mid

SCS 30 kHz

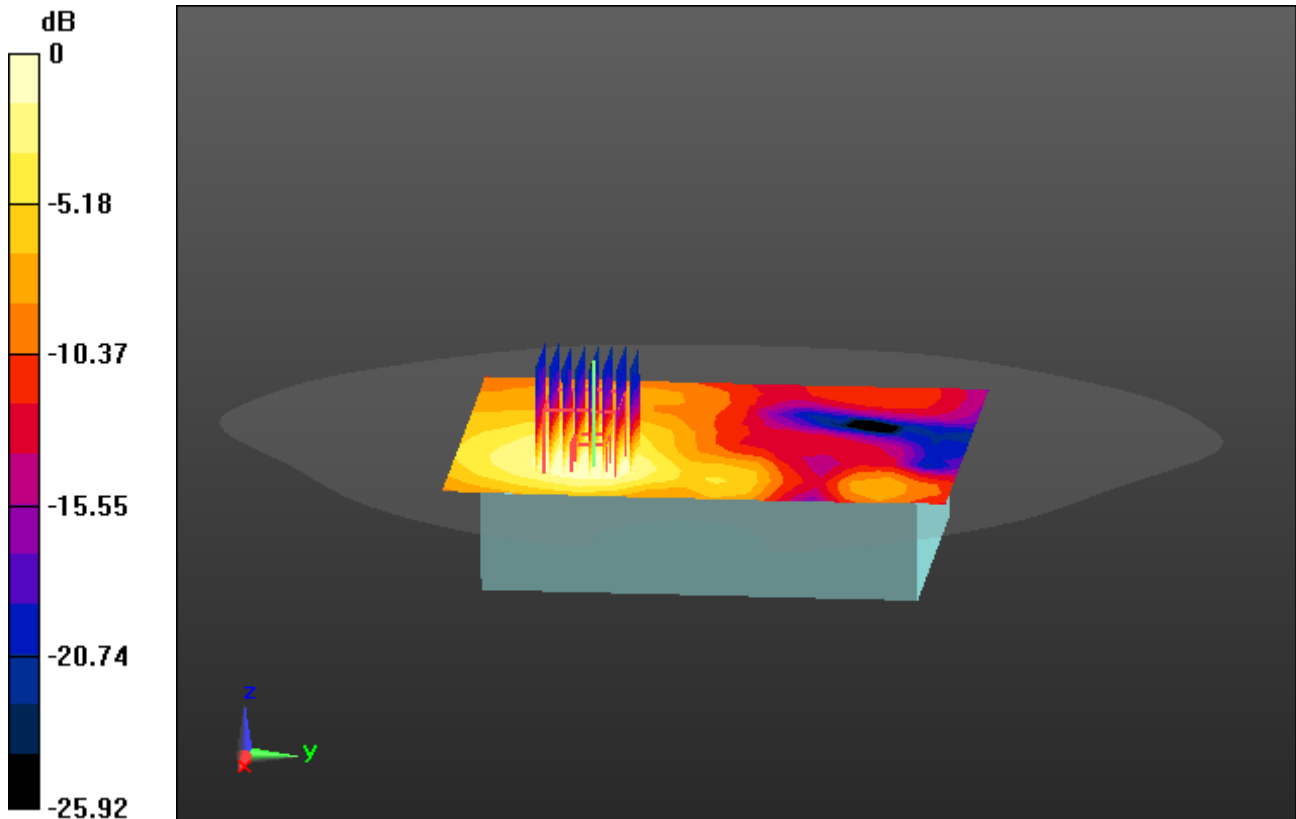
Area Scan (13x16x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$, Graded Ratio: 1.4

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.523 W/kg; SAR(10 g) = 0.269 W/kg



0 dB = 0.790 W/kg

-End-

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