System Performance Check Report for CLA-13 - SN1015

Room Ambient Temperature: 23.0℃, Liquid Temperature: 22.0℃

Exposure Conditions

Band		**TSL Permittivity**	54.0
Frequency [MHz] / Channel Number	13.000 / 0	**TSL Conductivity [S/m]**	0.774
Group / UID	CW / 0--	**Phantom Section / TSL**	Flat / Head Simulating Liquid
Conversion Factor	16.97	**Test Distance [mm]**	

DASY Configuration

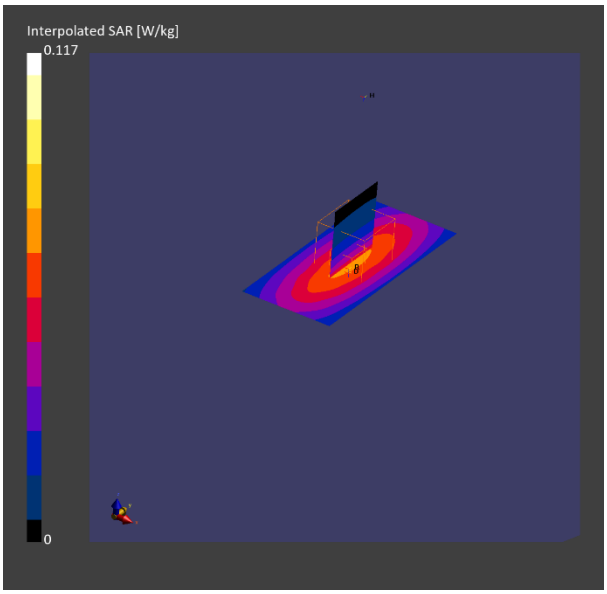
Probe | Calibration Date	EX3DV4 - SN7646 | 2025-01-22	**Phantom**	ELI V8.0 (20deg probe tilt)
DAE | Calibration Date	DAE4 Sn1566 | 2025-02-18	**TSL Type**	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.057	**0.055**
psSAR10g [W/Kg]	0.046	**0.034**
Power Drift [dB]		-0.01
Dist 3dB Peak [mm]		16.8
M2/M1 [%]		72.3



System Performance Check Report for D5GHzV2 - SN1209

Room Ambient Temperature: 23.0℃, Liquid Temperature: 22.0℃

Exposure Conditions

Frequency [MHz]	5600.000	**TSL Permittivity**	34.8
Group / UID	CW / 0--	**TSL Conductivity [S/m]**	5.12
Conversion Factor	4.94	**Phantom Section / TSL**	Flat / Head Simulating Liquid

DASY Configuration

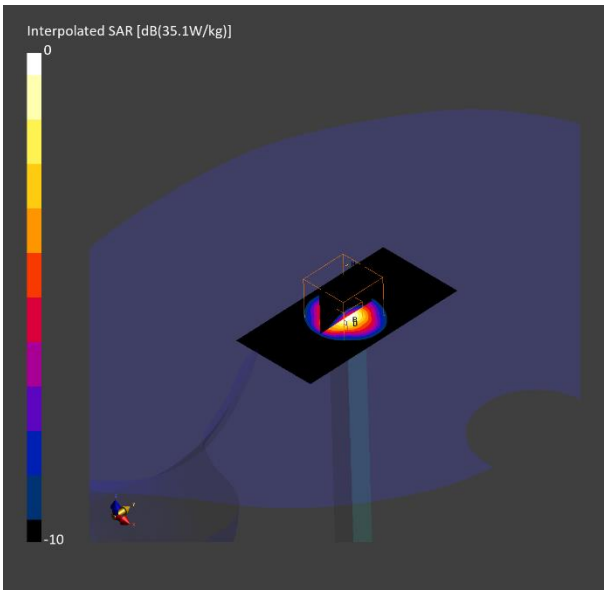
Probe | Calibration Date	EX3DV4 - SN7314 | 2024-05-23	**Phantom**	Twin-SAM V5.0 (30deg probe tilt)
DAE | Calibration Date	DAE4 Sn1566 | 2025-02-18	**TSL Type**	HBBL-600-10000
Software Version	16.4.0.5005		

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	7.96	**8.56**
psSAR10g [W/Kg]	2.25	**2.50**
Power Drift [dB]		0.07
Dist 3dB Peak [mm]		7.3
M2/M1 [%]		62.7



System Performance Check Report for D750V2 - SN1205

Frequency: 750 MHz; Communication System Channel Number: 0; Duty Cycle: 1:1
Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 750 MHz; σ = 0.909 S/m; ε_r = 42.2; ρ = 1000 kg/m^3

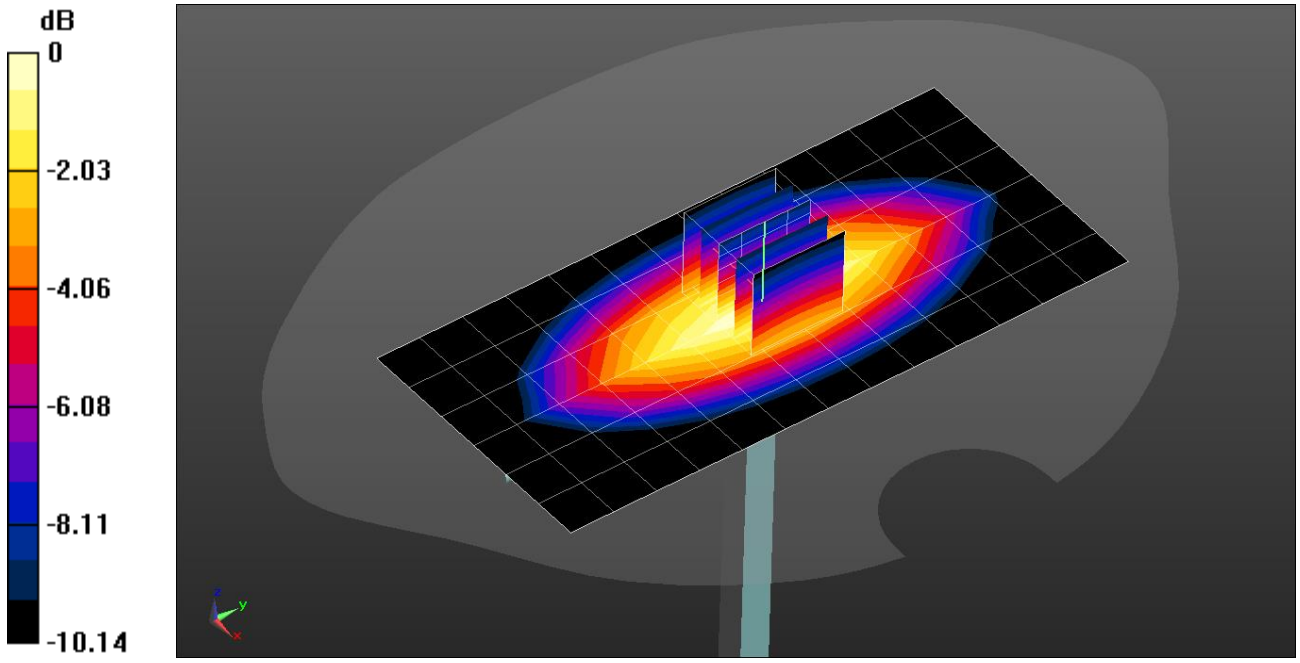
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1468; Calibrated: 2024-08-15
- Probe: EX3DV4 - SN7330; ConvF(10.13, 9.13, 9.17) @ 750 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Middle); Phantom section: Flat Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head/Pin=100 mW/750 MHz/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

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

Head/Pin=100 mW/750 MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.78 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.827 W/kg; SAR(10 g) = 0.552 W/kg
Smallest distance from peaks to all points 3 dB below = 21.5 mm
Ratio of SAR at M2 to SAR at M1 = 69%
Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg = 0.33 dBW/kg

System Performance Check Report for D835V2 - SN4d194

Frequency: 835 MHz; Communication System Channel Number: 0; Duty Cycle: 1:1
Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 835 MHz; σ = 0.936 S/m; ε_r = 41.884; ρ = 1000 kg/m^3

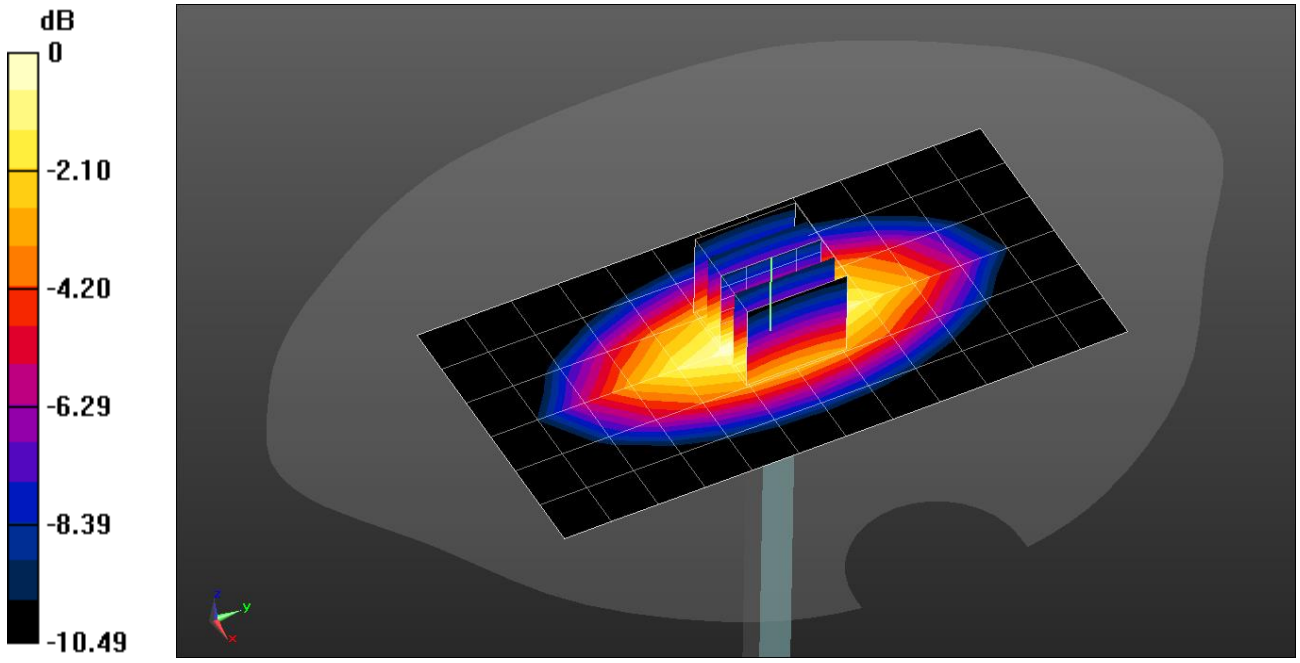
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1468; Calibrated: 2024-08-15
- Probe: EX3DV4 - SN7330; ConvF(9.88, 8.91, 8.94) @ 835 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Middle); Phantom section: Flat Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head/Pin=100 mW/835 MHz/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.39 W/kg

Head/Pin=100 mW/835 MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 41.23 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.55 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.699 W/kg
Smallest distance from peaks to all points 3 dB below = 17.9 mm
Ratio of SAR at M2 to SAR at M1 = 67.9%
Maximum value of SAR (measured) = 1.40 W/kg



0 dB = 1.40 W/kg = 1.46 dBW/kg

System Performance Check Report for D2600V2 - SN1097

Frequency: 2600 MHz; Communication System Channel Number: 0; Duty Cycle: 1:1
Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 2600 MHz; σ = 1.906 S/m; ε_r = 38.701; ρ = 1000 kg/m^3

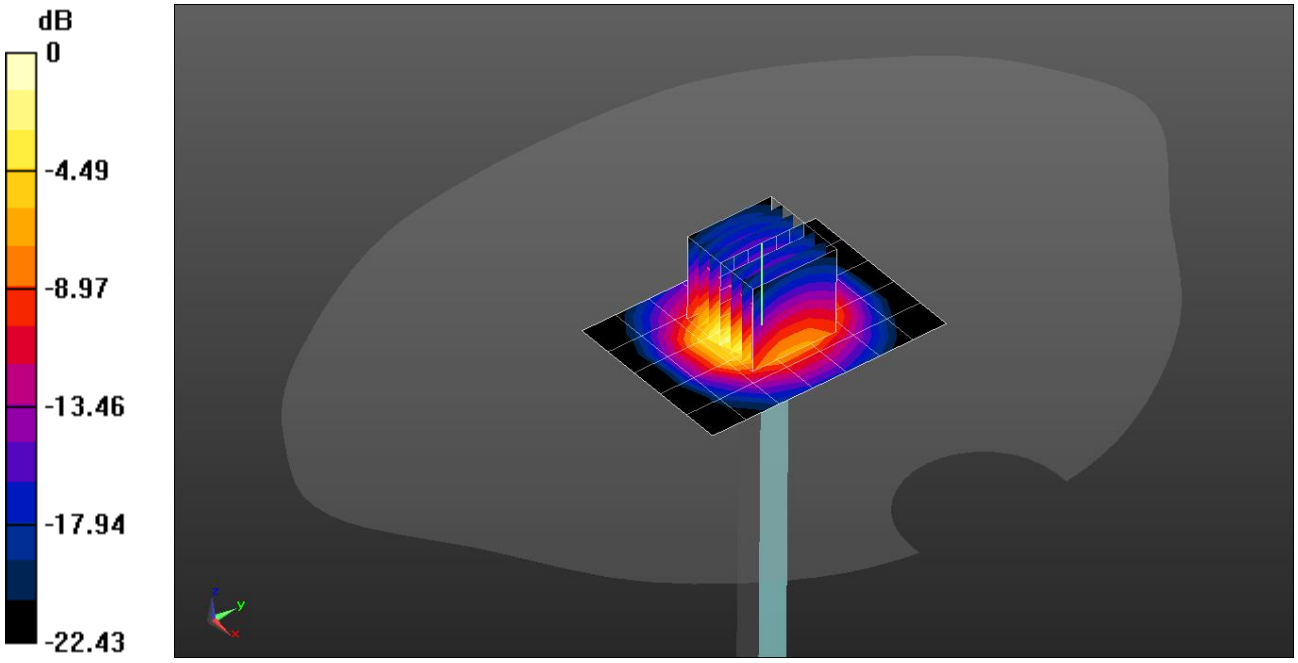
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1468; Calibrated: 2024-08-15
- Probe: EX3DV4 - SN7330; ConvF(7.85, 7.08, 7.1) @ 2600 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Middle); Phantom section: Flat Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head/Pin=100 mW/2600 MHz/Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 6.14 W/kg

Head/Pin=100 mW/2600 MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 62.39 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 10.4 W/kg
SAR(1 g) = 5.24 W/kg; SAR(10 g) = 2.41 W/kg
Smallest distance from peaks to all points 3 dB below = 9.8 mm
Ratio of SAR at M2 to SAR at M1 = 50.3%
Maximum value of SAR (measured) = 8.67 W/kg



0 dB = 8.67 W/kg = 9.38 dBW/kg

System Performance Check Report for D2450V2 - SN939

Frequency: 2450 MHz; Communication System Channel Number: 0; Duty Cycle: 1:1
Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 2450 MHz; σ = 1.843 S/m; ε_r = 39.873; ρ = 1000 kg/m^3

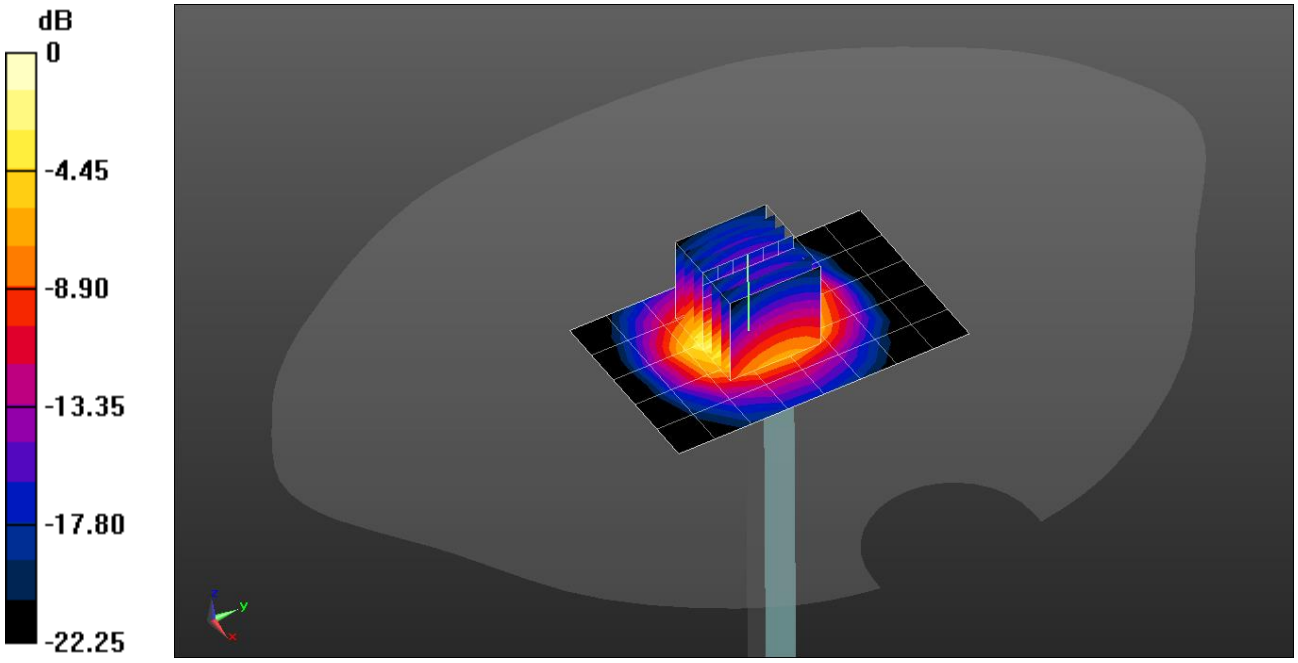
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1343; Calibrated: 2024-07-12
- Probe: EX3DV4 - SN7646; ConvF(7.39, 7.9, 8.2) @ 2450 MHz; Calibrated: 2025-01-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Phantom section: Flat Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head/Pin=100 mW/2450 MHz/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 7.38 W/kg

Head/Pin=100 mW/2450 MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 66.33 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 9.86 W/kg
SAR(1 g) = 4.88 W/kg; SAR(10 g) = 2.27 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 49.5%
Maximum value of SAR (measured) = 8.08 W/kg



0 dB = 8.08 W/kg = 9.07 dBW/kg

System Performance Check Report for D2450V2 - SN960

Frequency: 2450 MHz; Communication System Channel Number: 0; Duty Cycle: 1:1
Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 2450 MHz; σ = 1.79 S/m; ε_r = 38.849; ρ = 1000 kg/m^3

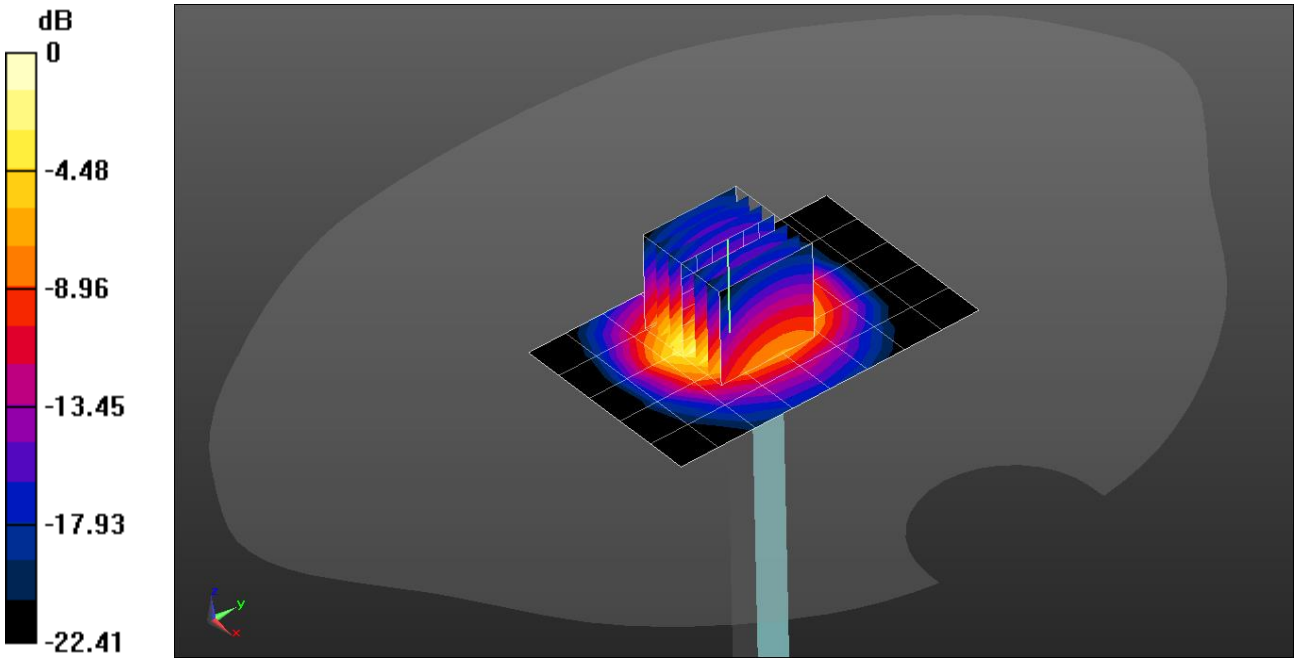
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1343; Calibrated: 2024-07-12
- Probe: EX3DV4 - SN7646; ConvF(7.39, 7.9, 8.2) @ 2450 MHz; Calibrated: 2025-01-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Phantom section: Flat Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head/Pin=100 mW/2450 MHz/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 7.70 W/kg

Head/Pin=100 mW/2450 MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 67.35 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 9.96 W/kg
SAR(1 g) = 5 W/kg; SAR(10 g) = 2.34 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 50.3%
Maximum value of SAR (measured) = 8.17 W/kg



0 dB = 8.17 W/kg = 9.12 dBW/kg

System Performance Check Report for D835V2 - SN4d194

Frequency: 835 MHz; Communication System Channel Number: 0; Duty Cycle: 1:1
Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 835 MHz; σ = 0.921 S/m; ε_r = 42.27; ρ = 1000 kg/m^3

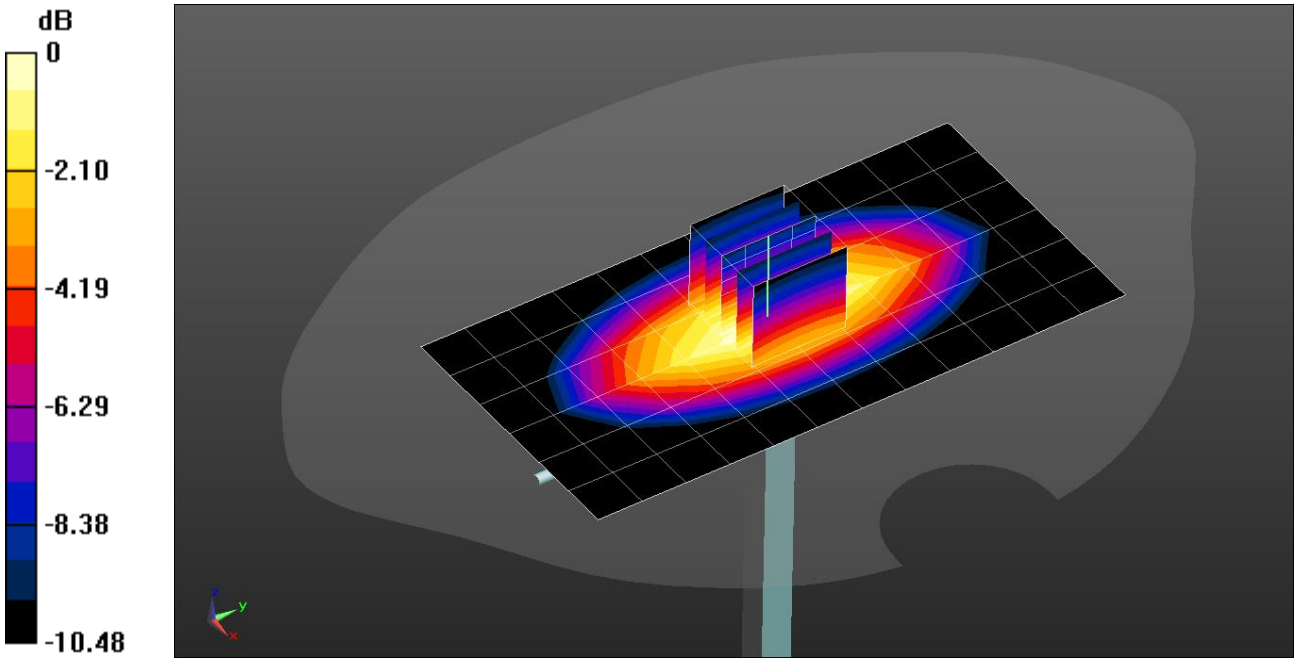
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn474; Calibrated: 2024-11-18
- Probe: EX3DV4 - SN7376; ConvF(8.95, 9.18, 9.47) @ 835 MHz; Calibrated: 2024-07-17
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Phantom section: Flat Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head/Pin=100 mW/835 MHz/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.24 W/kg

Head/Pin=100 mW/835 MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.73 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.688 W/kg
Smallest distance from peaks to all points 3 dB below = 17.9 mm
Ratio of SAR at M2 to SAR at M1 = 68.8%
Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26 W/kg = 1.00 dBW/kg

System Performance Check Report for D1900V2 - SN5d199

Frequency: 1900 MHz; Communication System Channel Number: 0; Duty Cycle: 1:1
Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 1900 MHz; σ = 1.437 S/m; ε_r = 40.48; ρ = 1000 kg/m^3

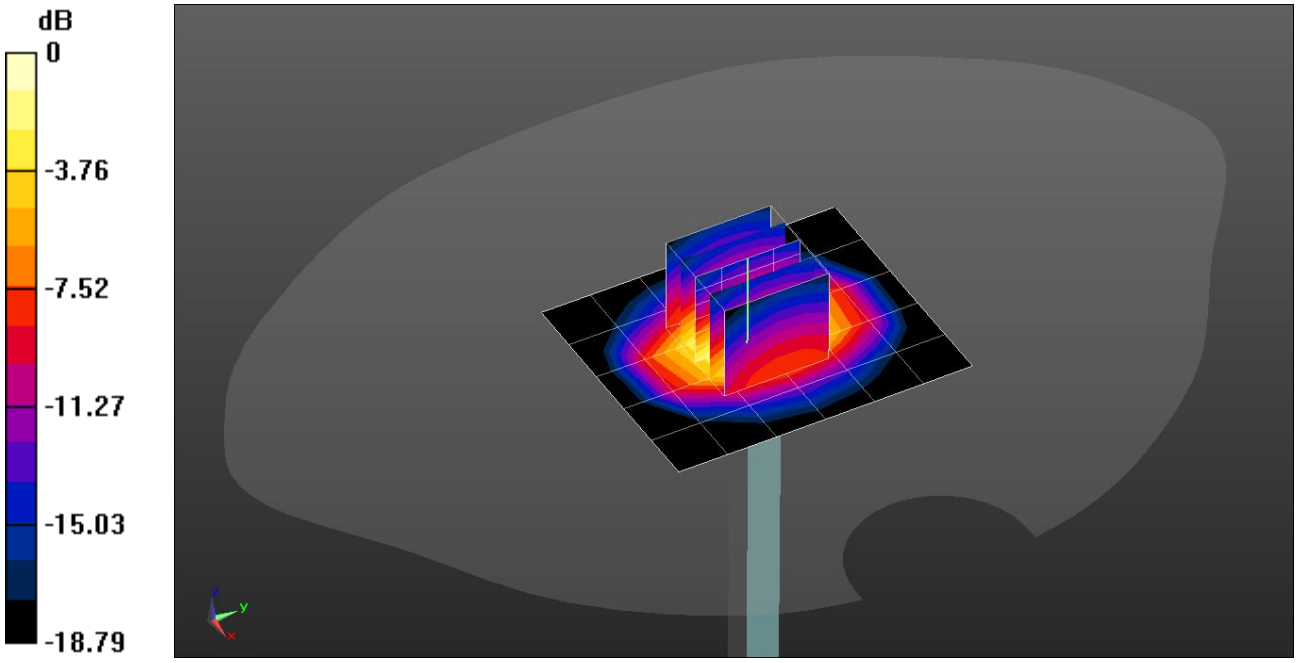
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn474; Calibrated: 2024-11-18
- Probe: EX3DV4 - SN7376; ConvF(7.67, 7.87, 8.11) @ 1900 MHz; Calibrated: 2024-07-17
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Phantom section: Flat Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head/Pin=100 mW/1900 MHz/Area Scan (6x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 4.35 W/kg

Head/Pin=100 mW/1900 MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 63.00 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 7.09 W/kg
SAR(1 g) = 4.02 W/kg; SAR(10 g) = 2.09 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 56.1%
Maximum value of SAR (measured) = 6.06 W/kg



0 dB = 6.06 W/kg = 7.82 dBW/kg

System Performance Check Report for D1750V2 - SN1180

Frequency: 1750 MHz; Communication System Channel Number: 0; Duty Cycle: 1:1
Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 1750 MHz; σ = 1.366 S/m; ε_r = 40.832; ρ = 1000 kg/m^3

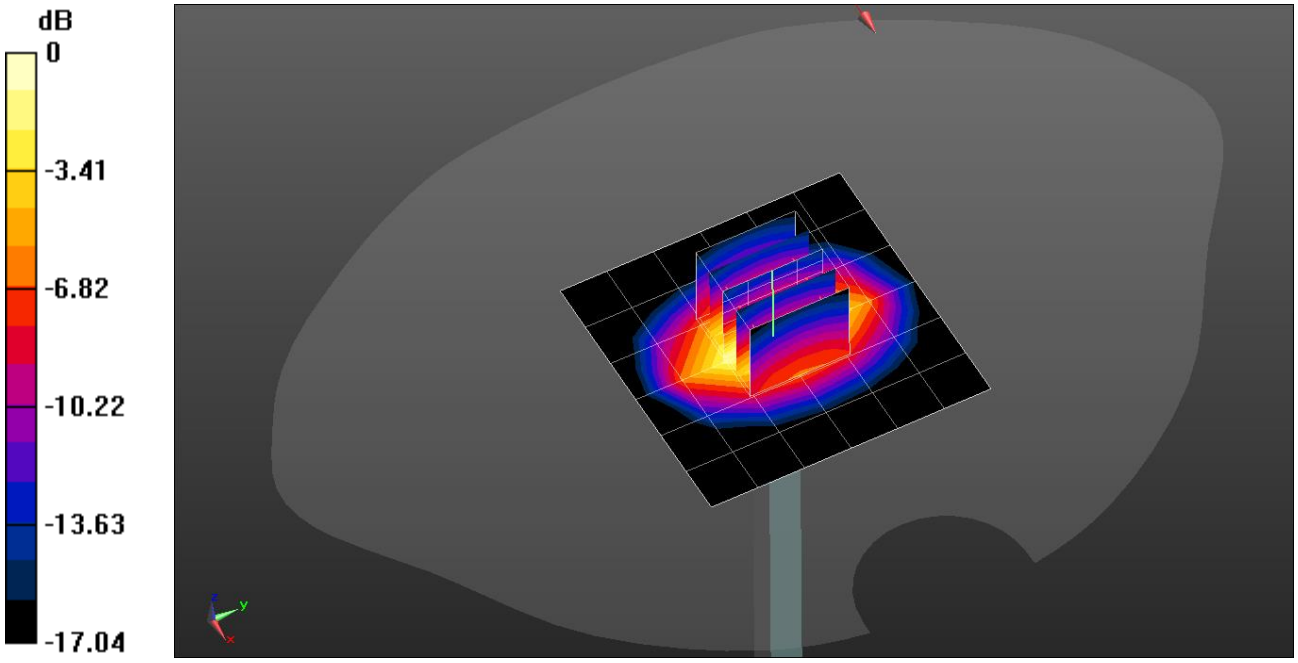
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn474; Calibrated: 2024-11-18
- Probe: EX3DV4 - SN7376; ConvF(7.91, 8.12, 8.37) @ 1750 MHz; Calibrated: 2024-07-17
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Phantom section: Flat Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head/Pin=100 mW/1750 MHz/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 5.78 W/kg

Head/Pin=100 mW/1750 MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 69.27 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 6.75 W/kg
SAR(1 g) = 3.89 W/kg; SAR(10 g) = 2.07 W/kg
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 57%
Maximum value of SAR (measured) = 5.87 W/kg



0 dB = 5.87 W/kg = 7.69 dBW/kg

System Performance Check Report for D1900V2 - SN5d190

Frequency: 1900 MHz; Communication System Channel Number: 0; Duty Cycle: 1:1
Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 1900 MHz; σ = 1.414 S/m; ε_r = 40.533; ρ = 1000 kg/m^3

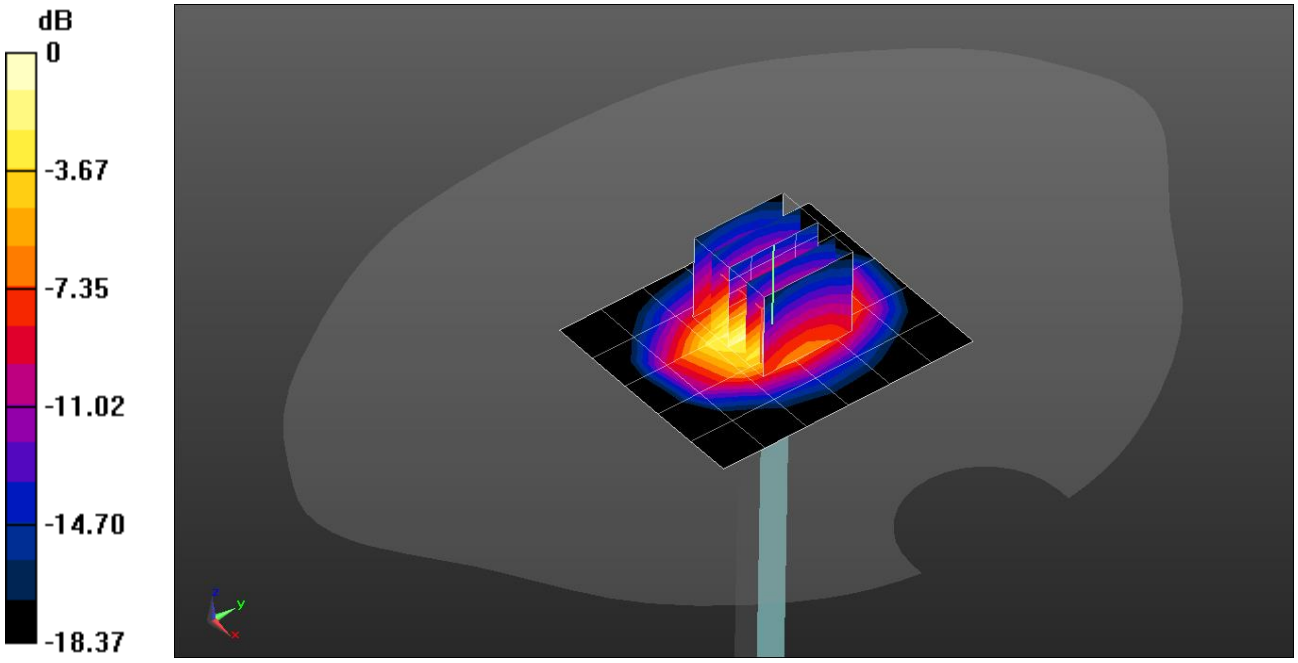
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn912; Calibrated: 2024-11-18
- Probe: EX3DV4 - SN7376; ConvF(7.67, 7.87, 8.11) @ 1900 MHz; Calibrated: 2024-07-17
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Phantom section: Flat Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head/Pin=100 mW/1900 MHz/Area Scan (6x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 4.81 W/kg

Head/Pin=100 mW/1900 MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 60.61 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 6.85 W/kg
SAR(1 g) = 3.83 W/kg; SAR(10 g) = 1.98 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 55.5%
Maximum value of SAR (measured) = 5.86 W/kg



0 dB = 5.86 W/kg = 7.68 dBW/kg

System Performance Check Report for D2600V2 - SN1097

Frequency: 2600 MHz; Communication System Channel Number: 0; Duty Cycle: 1:1
Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 2600 MHz; σ = 1.96 S/m; ε_r = 38.659; ρ = 1000 kg/m^3

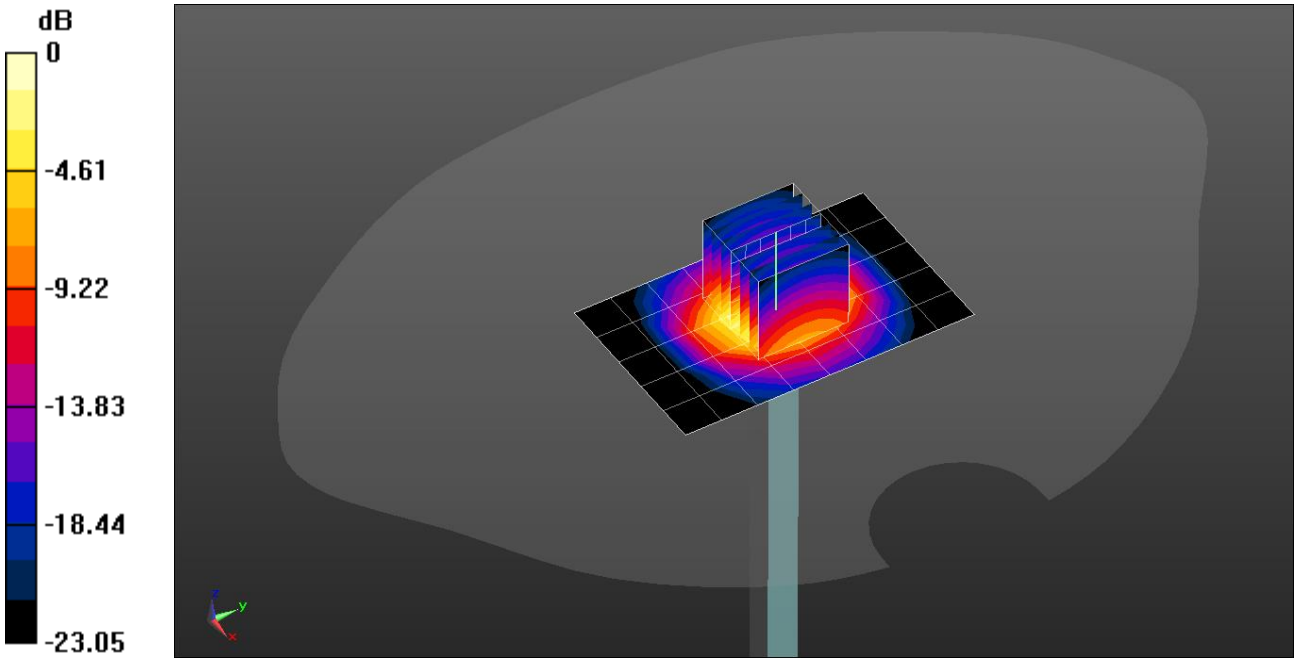
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn912; Calibrated: 2024-11-18
- Probe: EX3DV4 - SN7376; ConvF(7.36, 7.55, 7.79) @ 2600 MHz; Calibrated: 2024-07-17
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Phantom section: Flat Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head/Pin=100 mW/2600 MHz/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 7.92 W/kg

Head/Pin=100 mW/2600 MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 75.00 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 12.2 W/kg
SAR(1 g) = 5.89 W/kg; SAR(10 g) = 2.66 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 48.2%
Maximum value of SAR (measured) = 9.97 W/kg



0 dB = 9.97 W/kg = 9.99 dBW/kg