

System Check_H2450

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 22.2°C; Liquid Temperature: 21.3°C
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.855$ S/m; $\epsilon_r = 40.136$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2025/6/24
- Probe: EX3DV4 - SN7369; ConvF(7.33, 7.49, 7.02) @ 2450 MHz; Calibrated: 2025/5/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial: TP-1897

Configuration/Pin=250mW/Area Scan (9x9x1):

Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 20.7 W/kg

Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 112.5 V/m; Power Drift = -0.04 dB

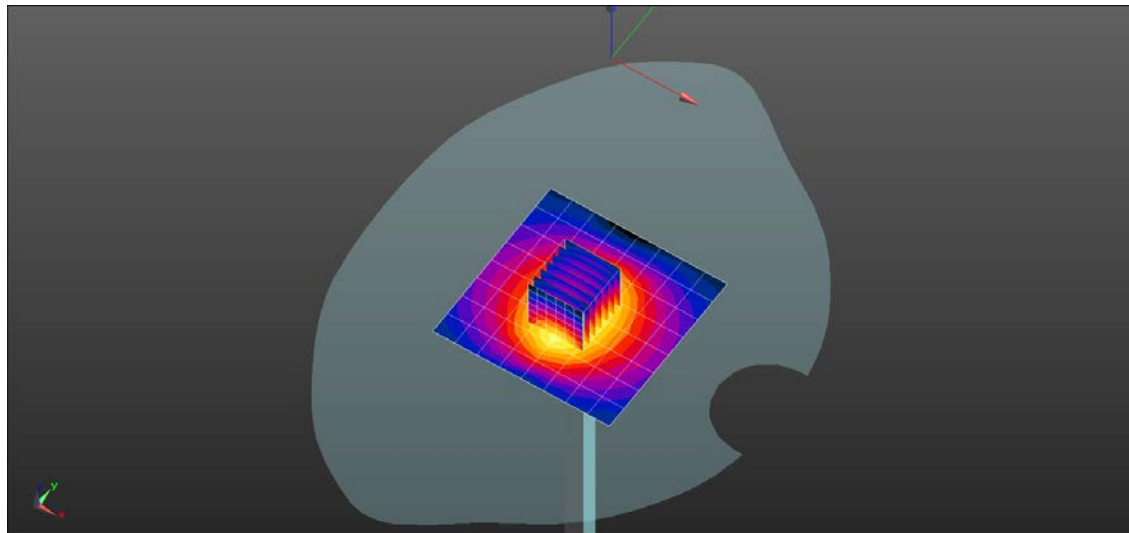
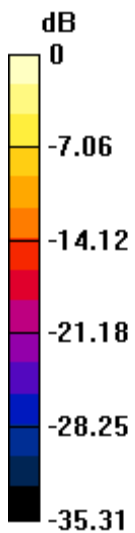
Peak SAR (extrapolated) = 25.6 W/kg

SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.43 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 53%

Maximum value of SAR (measured) = 21.4 W/kg



0 dB = 20.7 W/kg = 13.17 dBW/kg

System Check_H2450

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 21.9°C; Liquid Temperature: 21.5°C
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.845$ S/m; $\epsilon_r = 38.98$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2025/6/24
- Probe: EX3DV4 - SN7369; ConvF(7.33, 7.49, 7.02) @ 2450 MHz; Calibrated: 2025/5/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial: TP-1897

Configuration/Pin=250mW/Area Scan (9x9x1):

Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 20.2 W/kg

Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 110.2 V/m; Power Drift = -0.03 dB

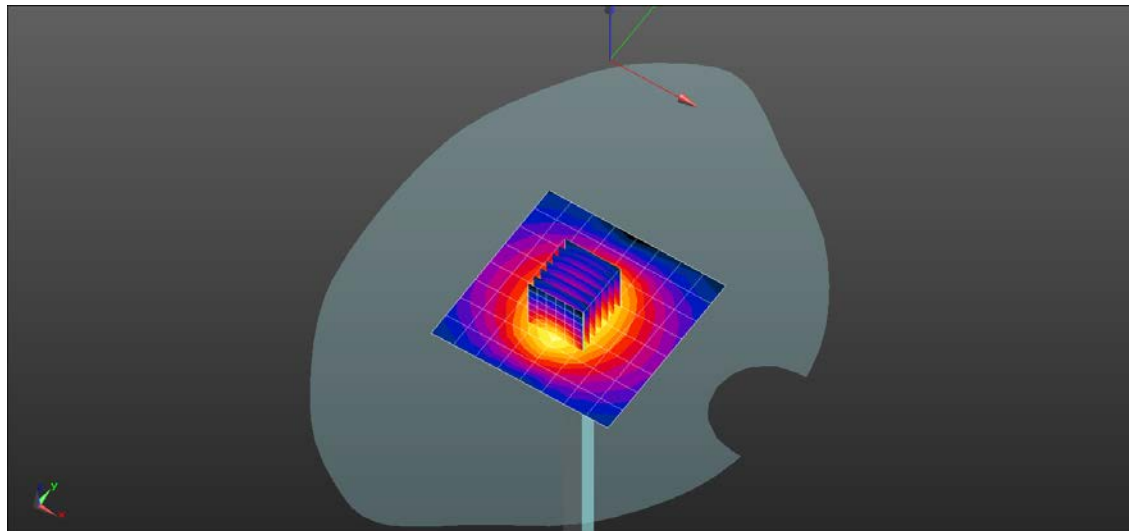
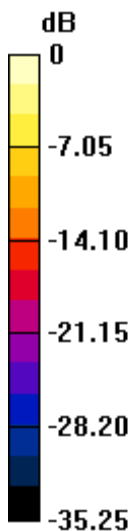
Peak SAR (extrapolated) = 23.7 W/kg

SAR(1 g) = 12.5 W/kg; SAR(10 g) = 6.02 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 53.1%

Maximum value of SAR (measured) = 20.0 W/kg



0 dB = 20.2 W/kg = 13.05 dBW/kg

System Check_H5G

Frequency: 5200 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 21.4°C; Liquid Temperature: 21.1°C
Medium parameters used: $f = 5200$ MHz; $\sigma = 4.799$ S/m; $\epsilon_r = 36.28$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2025/6/24
- Probe: EX3DV4 - SN7369; ConvF(5.38, 5.5, 5.15) @ 5200 MHz; Calibrated: 2025/5/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial: TP-1897

Configurations/Pin=100mW/Area Scan (11x11x1):

Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 16.4 W/kg

Configurations/Pin=100mW/Zoom Scan (7x7x12)/Cube 0:

Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 61.67 V/m; Power Drift = 0.05 dB

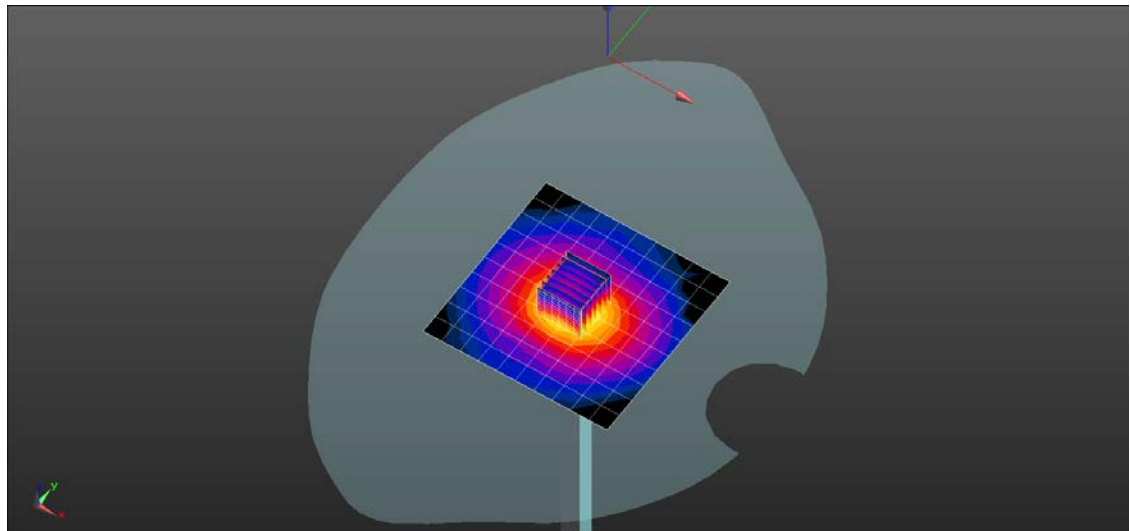
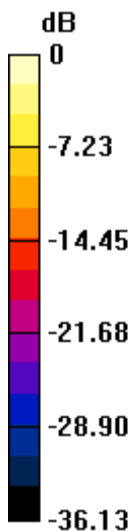
Peak SAR (extrapolated) = 30.9 W/kg

SAR(1 g) = 7.71 W/kg; SAR(10 g) = 2.23 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 54.7%

Maximum value of SAR (measured) = 18.7 W/kg



0 dB = 18.7 W/kg = 12.72 dBW/kg

System Check_H5G

Frequency: 5300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 21.4°C; Liquid Temperature: 21.1°C
Medium parameters used: $f = 5300$ MHz; $\sigma = 4.906$ S/m; $\epsilon_r = 36.08$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2025/6/24
- Probe: EX3DV4 - SN7369; ConvF(5.21, 5.32, 4.99) @ 5300 MHz; Calibrated: 2025/5/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial: TP-1897

Configurations/Pin=100mW/Area Scan (11x11x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 19.3 W/kg

Configurations/Pin=100mW/Zoom Scan (7x7x12)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 65.83 V/m; Power Drift = -0.09 dB

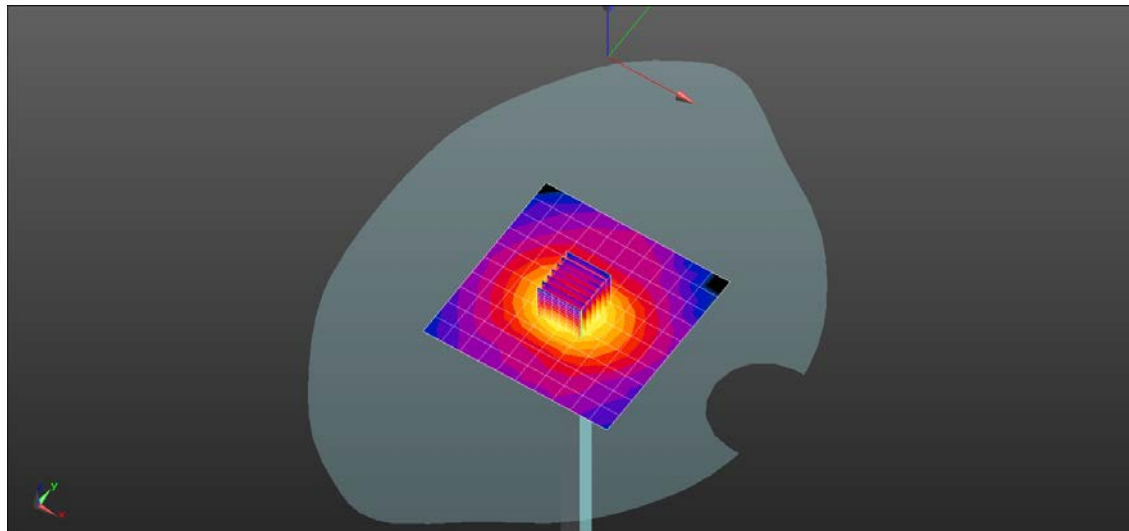
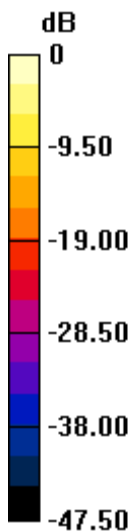
Peak SAR (extrapolated) = 35.8 W/kg

SAR(1 g) = 8.06 W/kg; SAR(10 g) = 2.31 W/kg

Smallest distance from peaks to all points 3 dB below = 7.5 mm

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

Maximum value of SAR (measured) = 20.4 W/kg



0 dB = 20.4 W/kg = 13.10 dBW/kg

System Check_H5G

Frequency: 5600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 21.4°C; Liquid Temperature: 21.1°C
Medium parameters used: $f = 5600$ MHz; $\sigma = 5.247$ S/m; $\epsilon_r = 35.398$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2025/6/24
- Probe: EX3DV4 - SN7369; ConvF(4.9, 5, 4.68) @ 5600 MHz; Calibrated: 2025/5/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial: TP-1897

Configurations/Pin=100mW/Area Scan (11x11x1):

Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 19.6 W/kg

Configurations/Pin=100mW/Zoom Scan (7x7x12)/Cube 0:

Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 64.15 V/m; Power Drift = 0.02 dB

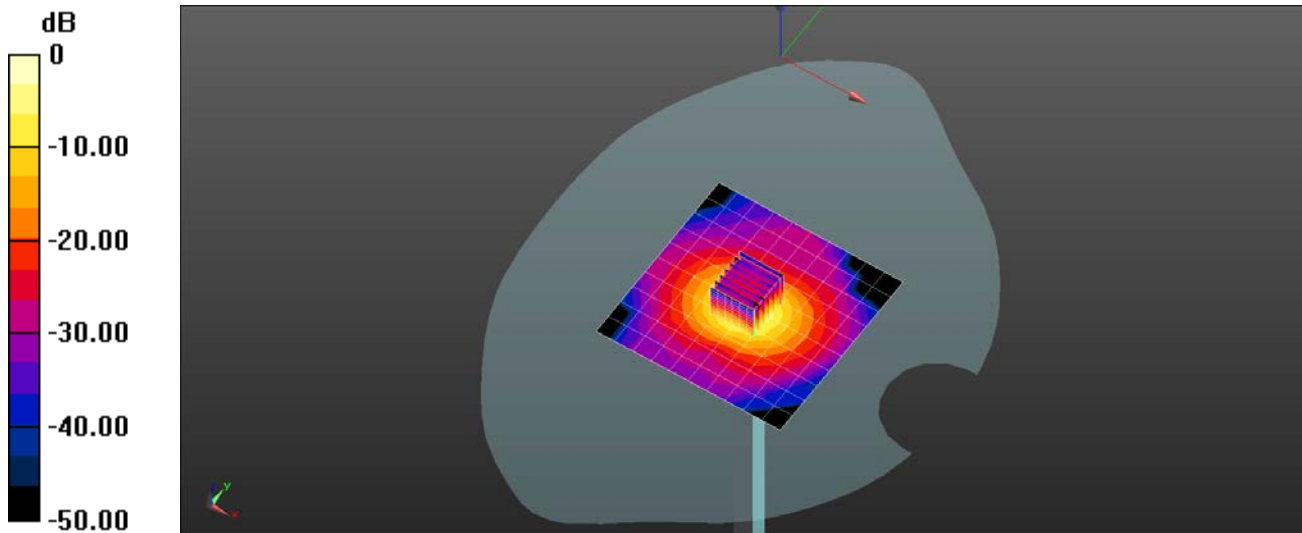
Peak SAR (extrapolated) = 37.1 W/kg

SAR(1 g) = 8.13 W/kg; SAR(10 g) = 2.32 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 49.9%

Maximum value of SAR (measured) = 21.0 W/kg



0 dB = 21.0 W/kg = 13.22 dBW/kg

System Check_H5G

Frequency: 5800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 21.4°C; Liquid Temperature: 21.1°C
Medium parameters used: $f = 5800$ MHz; $\sigma = 5.472$ S/m; $\epsilon_r = 34.979$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2025/6/24
- Probe: EX3DV4 - SN7369; ConvF(4.94, 5.04, 4.73) @ 5800 MHz; Calibrated: 2025/5/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial: TP-1897

Configurations/Pin=100mW/Area Scan (11x11x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 19.8 W/kg

Configurations/Pin=100mW/Zoom Scan (7x7x12)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 62.69 V/m; Power Drift = 0.03 dB

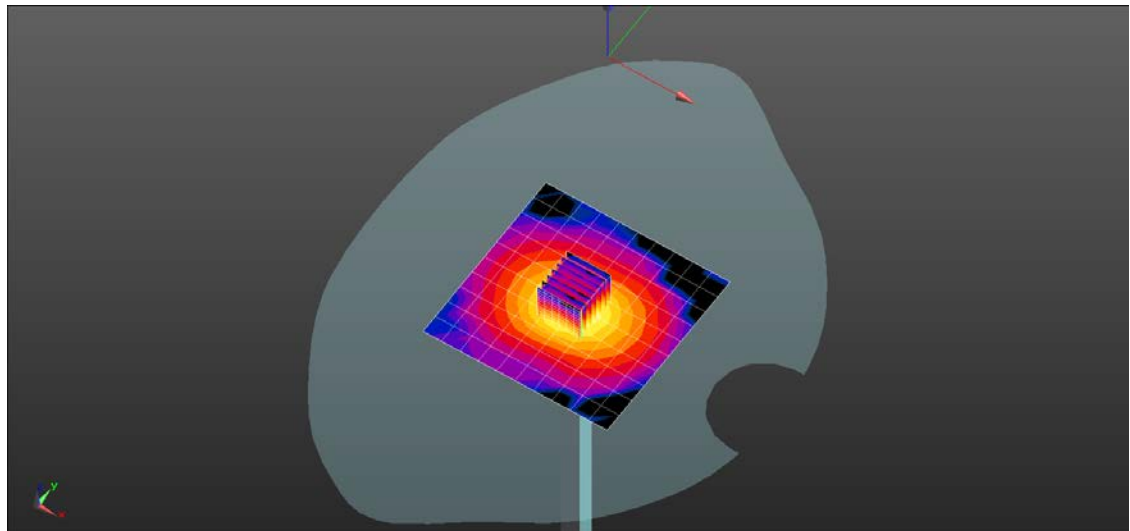
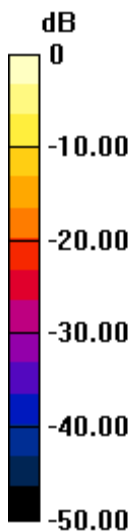
Peak SAR (extrapolated) = 38.8 W/kg

SAR(1 g) = 8.02 W/kg; SAR(10 g) = 2.28 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 48.1%

Maximum value of SAR (measured) = 21.1 W/kg



0 dB = 21.1 W/kg = 13.24 dBW/kg

Test Laboratory: BTL-SAR03

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	16.0 x 6.0 x 300.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid			CW, 0--	6500.000, 0	5.63	6.01	33.9

Hardware Setup

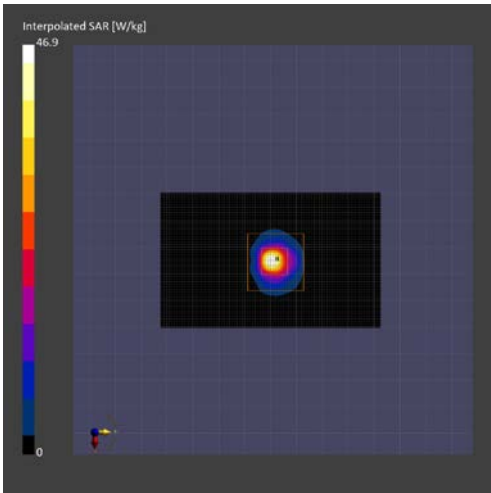
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2125	H6G-251021, 2025-10-21	EX3DV4 - SN7369, 2025-05-21	DAE4 Sn1486, 2025-06-24

Scan 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
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-10-21	2025-10-21
psSAR1g [W/kg]	25.4	30.5
psSAR10g [W/kg]	5.18	5.82
psAPD (1.0cm2, sq) [W/m2]		305
psAPD (4.0cm2, sq) [W/m2]		141
Power Drift [dB]		0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		52.5
Dist 3dB Peak [mm]		5.2



Test Laboratory: BTL-SAR01

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
, Device	100.0 x 100.0 x 100.0		

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	FRONT, 10.00	Validation band	CW, 0--	10000.0, 10000	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1085	---Air	EUmmWV4 - SN9586_F1-55GHz, 2025-06-17	DAE4 Sn1486, 2025-06-24

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	10.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2025-10-27
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	190
psPDtot+ [W/m ²]	196
psPDmod+ [W/m ²]	200
E _{max} [V/m]	314
Power Drift [dB]	0.00

