

System Check_H2450

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 22.1°C; Liquid Temperature: 20.6°C
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.821$ S/m; $\epsilon_r = 39.595$; $\rho = 1000$ 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: 2mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240

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

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

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

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

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

Reference Value = 99.78 V/m; Power Drift = 0.14 dB

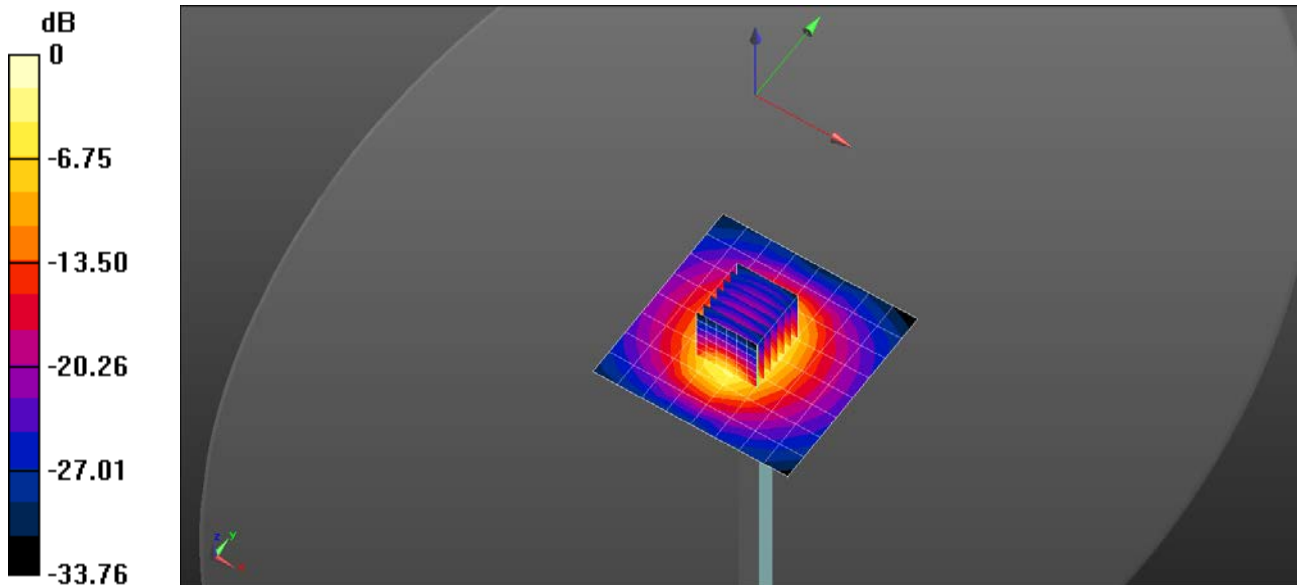
Peak SAR (extrapolated) = 23.3 W/kg

SAR(1 g) = 12.7 W/kg; SAR(10 g) = 6.17 W/kg

Smallest distance from peaks to all points 3 dB below = 9.2 mm

Ratio of SAR at M2 to SAR at M1 = 54.8%

Maximum value of SAR (measured) = 18.5 W/kg



0 dB = 17.0 W/kg = 12.30 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; $\sigma = 4.666$ S/m; $\epsilon_r = 35.66$; $\rho = 1000$ 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)
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240

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

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

Maximum value of SAR (measured) = 22.9 W/kg

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

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

Reference Value = 69.53 V/m; Power Drift = 0.03 dB

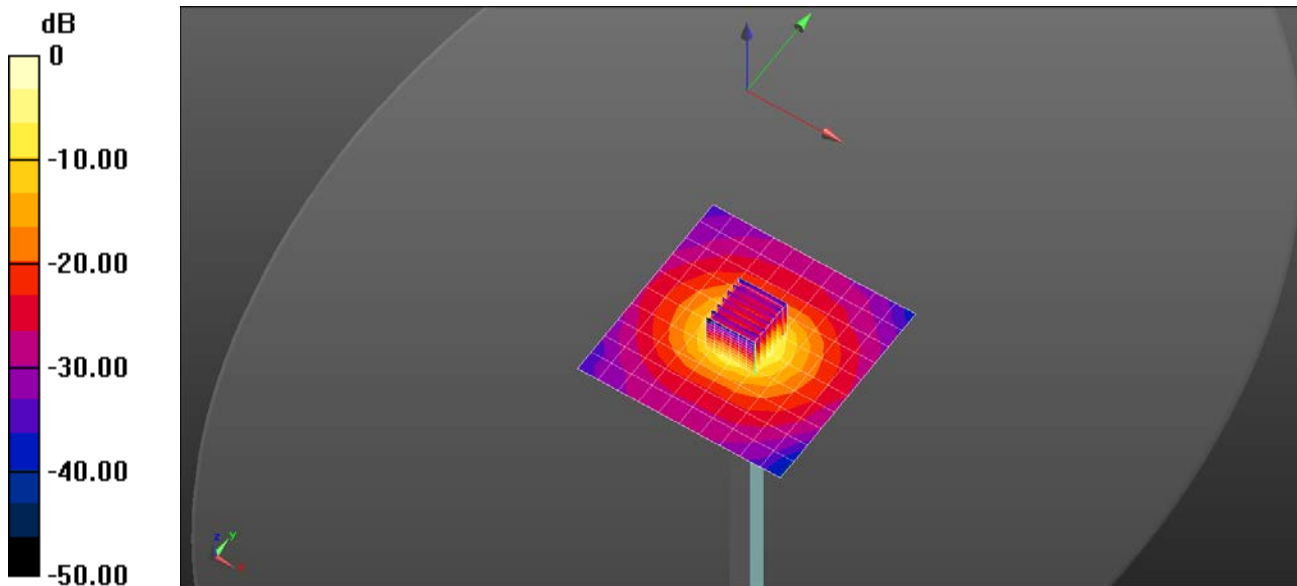
Peak SAR (extrapolated) = 37.5 W/kg

SAR(1 g) = 8.53 W/kg; SAR(10 g) = 2.42 W/kg

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

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

Maximum value of SAR (measured) = 22.0 W/kg



0 dB = 22.0 W/kg = 13.42 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; $\sigma = 4.779$ S/m; $\epsilon_r = 35.39$; $\rho = 1000$ 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)
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240

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

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

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

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

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

Reference Value = 70.29 V/m; Power Drift = -0.02 dB

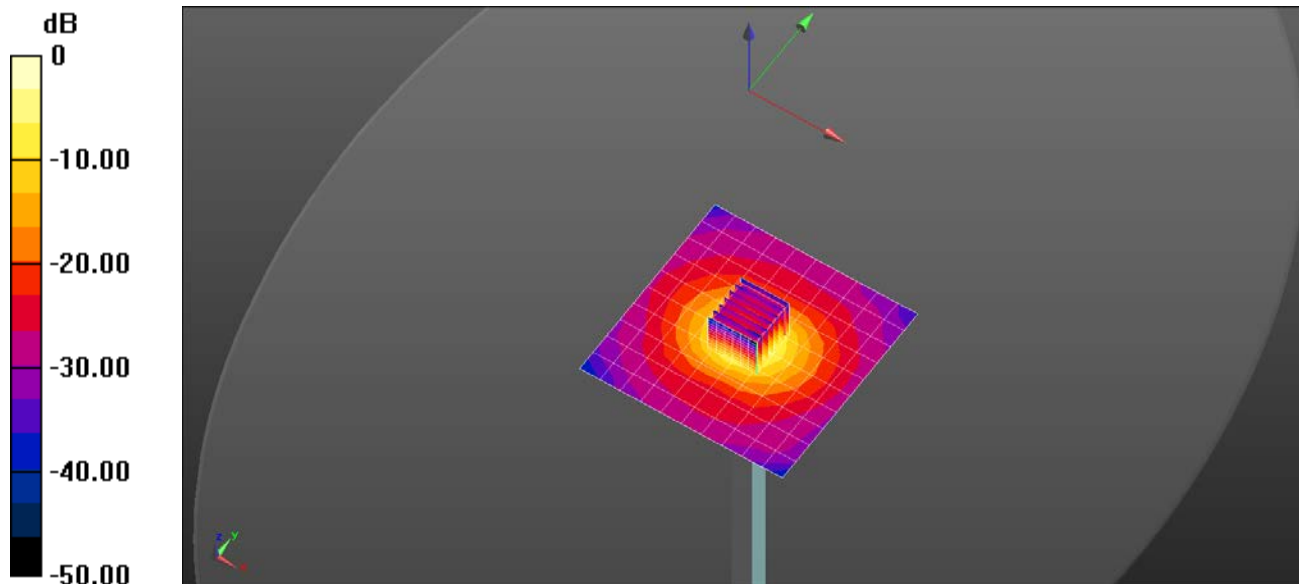
Peak SAR (extrapolated) = 37.5 W/kg

SAR(1 g) = 8.22 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 = 50.8%

Maximum value of SAR (measured) = 21.5 W/kg



0 dB = 21.5 W/kg = 13.32 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; $\sigma = 5.101$ S/m; $\epsilon_r = 34.665$; $\rho = 1000$ 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: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240

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

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

Maximum value of SAR (measured) = 22.3 W/kg

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

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

Reference Value = 69.39 V/m; Power Drift = -0.08 dB

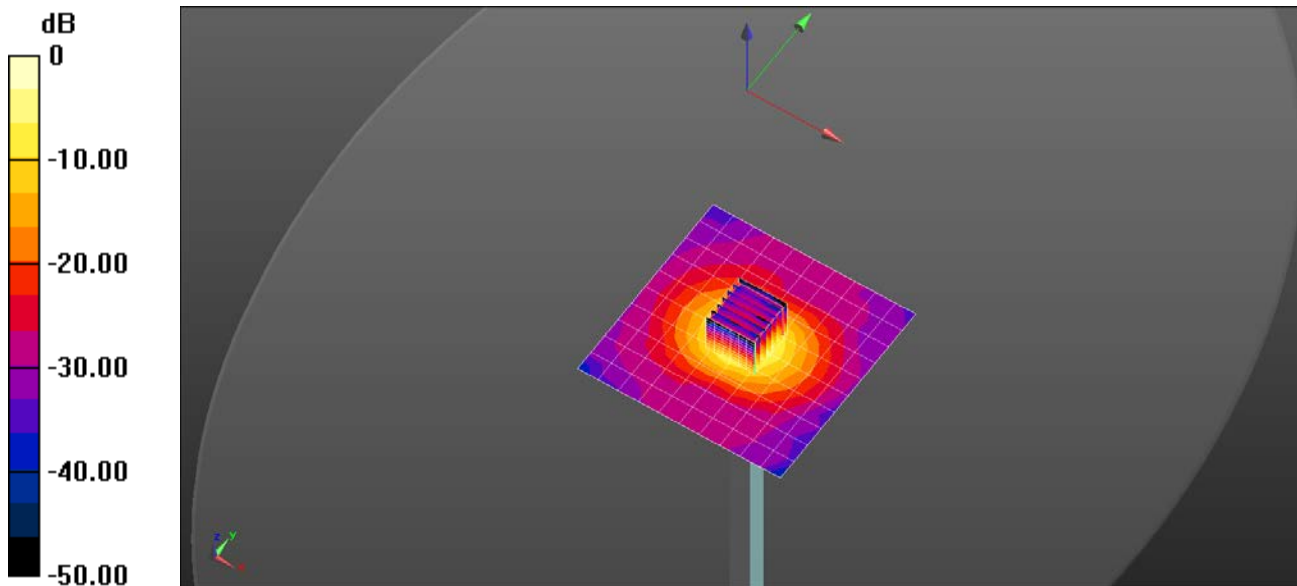
Peak SAR (extrapolated) = 41.0 W/kg

SAR(1 g) = 8.36 W/kg; SAR(10 g) = 2.36 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%

Maximum value of SAR (measured) = 22.2 W/kg



0 dB = 22.2 W/kg = 13.46 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; $\sigma = 5.314$ S/m; $\epsilon_r = 34.174$; $\rho = 1000$ 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)
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240

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

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

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

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

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

Reference Value = 65.29 V/m; Power Drift = -0.01 dB

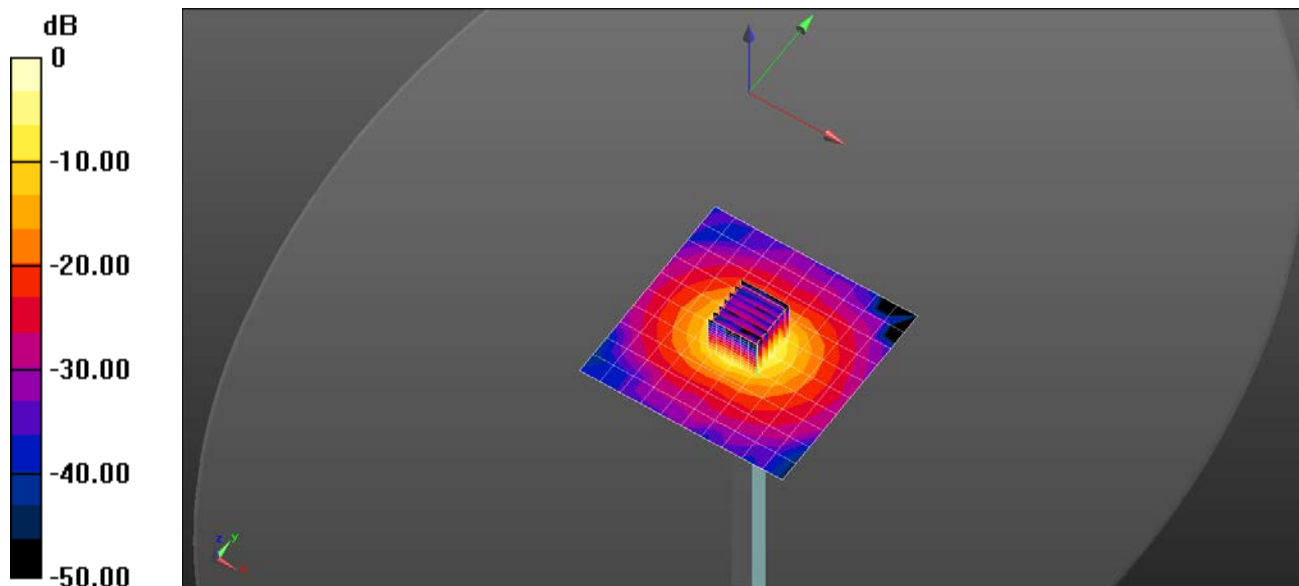
Peak SAR (extrapolated) = 39.8 W/kg

SAR(1 g) = 7.62 W/kg; SAR(10 g) = 2.13 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 46.2%

Maximum value of SAR (measured) = 20.6 W/kg



0 dB = 20.6 W/kg = 13.14 dBW/kg

Test Laboratory: BTL

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	6.32	34.9

Hardware Setup

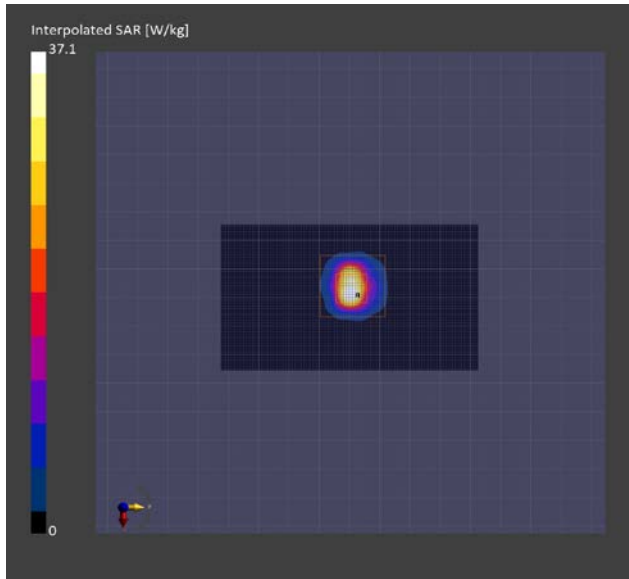
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1240	h6G-251222 , 2025-12-22	EX3DV4 - SN7369, 2025-05-21	DAE4 Sn1486, 2025-06-24

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	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-12-22	2025-12-22
psSAR1g [W/kg]	23.7	31.7
psSAR10g [W/kg]	5.12	5.72
psAPD (1.0cm2, sq) [W/m2]		317
psAPD (4.0cm2, sq) [W/m2]		140
Power Drift [dB]	-	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		53.0
Dist 3dB Peak [mm]		4.6



Test Laboratory: BTL

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	6.14	36.0

Hardware Setup

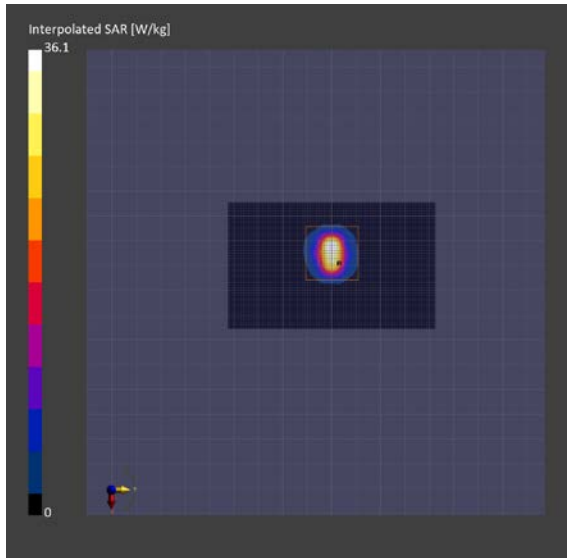
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1240	h6G-251223 , 2025-12-23	EX3DV4 - SN7369, 2025-05-21	DAE4 Sn1486, 2025-06-24

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	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-12-23	2025-12-23
psSAR1g [W/kg]	22.8	30.2
psSAR10g [W/kg]	4.85	5.35
psAPD (1.0cm2, sq) [W/m2]		302
psAPD (4.0cm2, sq) [W/m2]		131
Power Drift [dB]		-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		53.0
Dist 3dB Peak [mm]		4.8



Test Laboratory: BTL

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	5.94	34.3

Hardware Setup

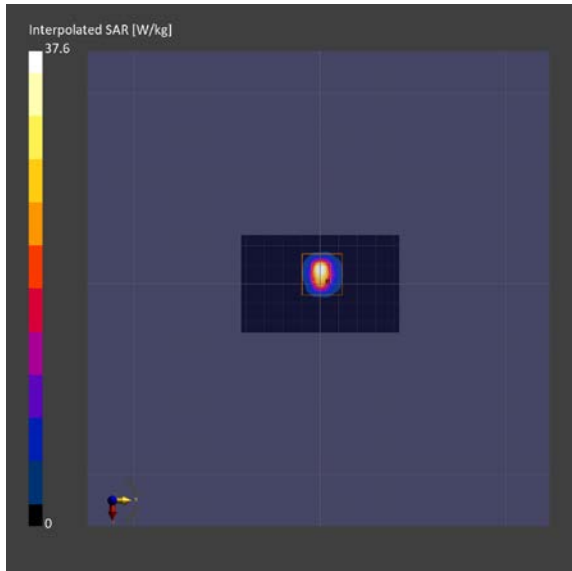
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1240	h6G-251224 , 2025-12-24	EX3DV4 - SN7369, 2025-05-21	DAE4 Sn1486, 2025-06-24

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	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-12-24	2025-12-24
psSAR1g [W/kg]	22.4	29.4
psSAR10g [W/kg]	4.76	5.26
psAPD (1.0cm2, sq) [W/m2]		294
psAPD (4.0cm2, sq) [W/m2]		129
Power Drift [dB]		0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Positive only	Positive only
M2/M1 [%]		53.0
Dist 3dB Peak [mm]		4.4



Test Laboratory: BTL

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	2025-12-30
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	154
psPDtot+ [W/m ²]	154
psPDmod+ [W/m ²]	157
E _{max} [V/m]	259
Power Drift [dB]	0.01

