

Date: 2025-4-13

System Check_6500MHz**DUT:D6.5GHzV2-SN:1026**

Communication System: CW; Frequency: 6500.0 MHz; Duty Cycle: 1:1

Medium: HSL Medium parameters used: $f = 6500.0$ MHz; $\sigma = 6.26$ S/m; $\epsilon_r = 34.7$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.3°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.45, 5.38, 5.32); Calibrated: 2024-6-3
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1210; Calibrated: 2024-12-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2033; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: CW, 0--

Pin=100mW/Area Scan (36.0 mm x 51.0 mm): Measurement Grid: 6.0 mm x 8.5 mm

SAR (1g) = 25.8 W/kg; SAR (10g) = 4.87 W/kg;

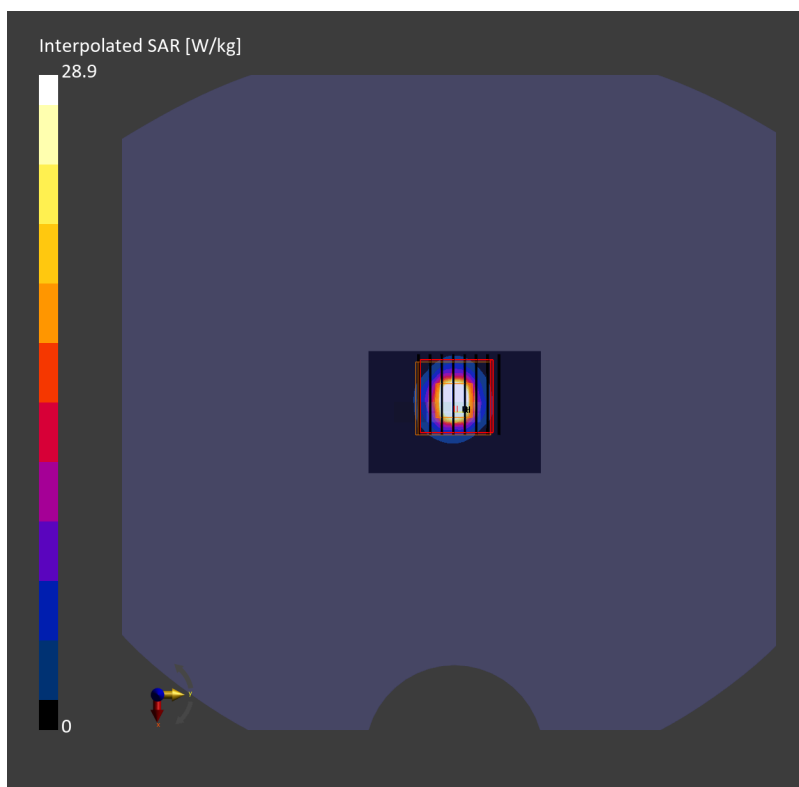
Pin=100mW/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.01 dB

SAR (1g) = 28.9 W/kg; SAR (10g) = 5.34 W/kg

Smallest distance from peaks to all points 3 dB below = 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 51.3 %

psAPD (4.0cm², sq) = 131 [W/m²]

Date: 2025-5-12

System Check_6500MHz**DUT:D6.5GHzV2-SN:1026**

Communication System: CW; Frequency: 6500.0 MHz; Duty Cycle: 1:1

Medium: HSL Medium parameters used: $f = 6500.0$ MHz; $\sigma = 5.95$ S/m; $\epsilon_r = 34.9$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.4°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.45, 5.38, 5.32); Calibrated: 2024-6-3
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1210; Calibrated: 2024-12-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2033; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: CW, 0--

Pin=100mW/Area Scan (36.0 mm x 51.0 mm): Measurement Grid: 6.0 mm x 8.5 mm

SAR (1g) = 26.3 W/kg; SAR (10g) = 4.92 W/kg;

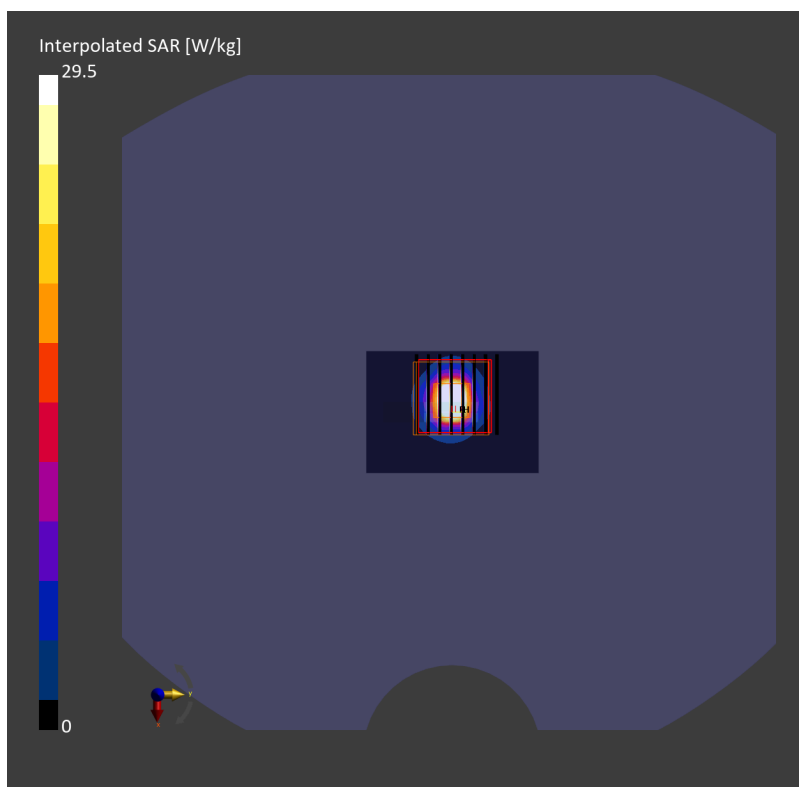
Pin=100mW/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.12 dB

SAR (1g) = 29.5 W/kg; SAR (10g) = 5.45 W/kg

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 52.1 %

psAPD (4.0cm², sq) = 135 [W/m²]

Date: 2025-3-10

System Check_6500MHz**DUT:D6.5GHzV2-SN:1026**

Communication System: CW; Frequency: 6500.0 MHz; Duty Cycle: 1:1

Medium: HSL Medium parameters used: $f = 6500.0$ MHz; $\sigma = 5.82$ S/m; $\epsilon_r = 33.2$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.4°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.45, 5.38, 5.32); Calibrated: 2024-6-3
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1210; Calibrated: 2024-12-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2033; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: CW, 0--

Pin=100mW/Area Scan (36.0 mm x 51.0 mm): Measurement Grid: 6.0 mm x 8.5 mm

SAR (1g) = 27.0 W/kg; SAR (10g) = 5.34 W/kg;

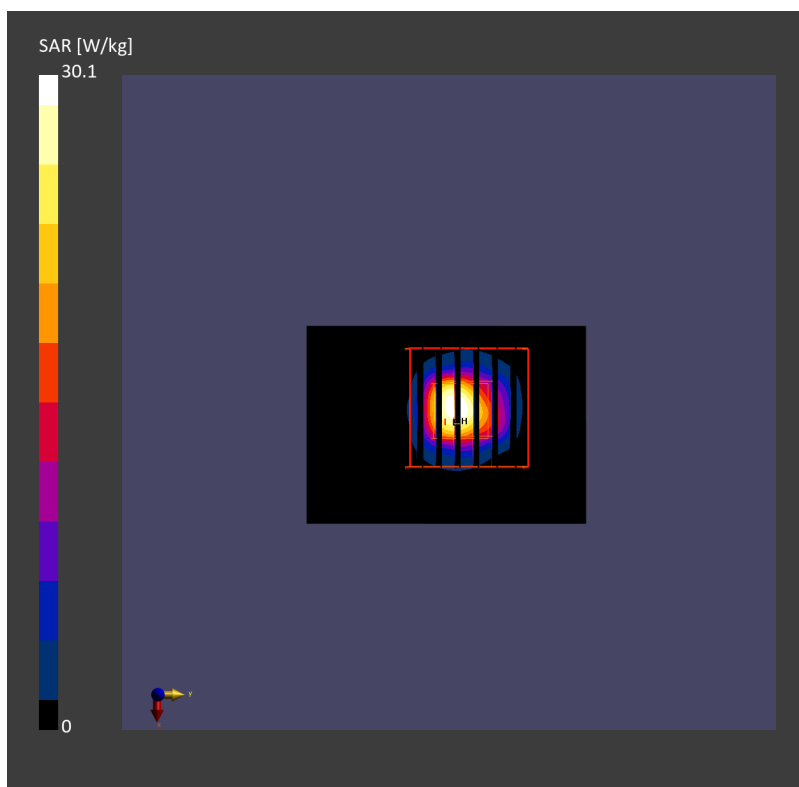
Pin=100mW/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.2 mm

Power Drift = 0.07 dB

SAR (1g) = 30.1 W/kg; SAR (10g) = 5.51 W/kg

Smallest distance from peaks to all points 3 dB below = 4.6 mm

Ratio of SAR at M2 to SAR at M1 = 55.8 %

psAPD (4.0cm², sq) = 132 [W/m²]

Date: 2025-4-15

System Check_6500MHz**DUT:D6.5GHzV2-SN:1026**

Communication System: CW; Frequency: 6500.0 MHz; Duty Cycle: 1:1

Medium: HSL Medium parameters used: $f = 6500.0$ MHz; $\sigma = 6.18$ S/m; $\epsilon_r = 34.3$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.1°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.45, 5.38, 5.32); Calibrated: 2024-6-3
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1210; Calibrated: 2024-12-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2033; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: CW, 0--

Pin=100mW/Area Scan (36.0 mm x 51.0 mm): Measurement Grid: 6.0 mm x 8.5 mm

SAR (1g) = 26.9 W/kg; SAR (10g) = 5.43 W/kg;

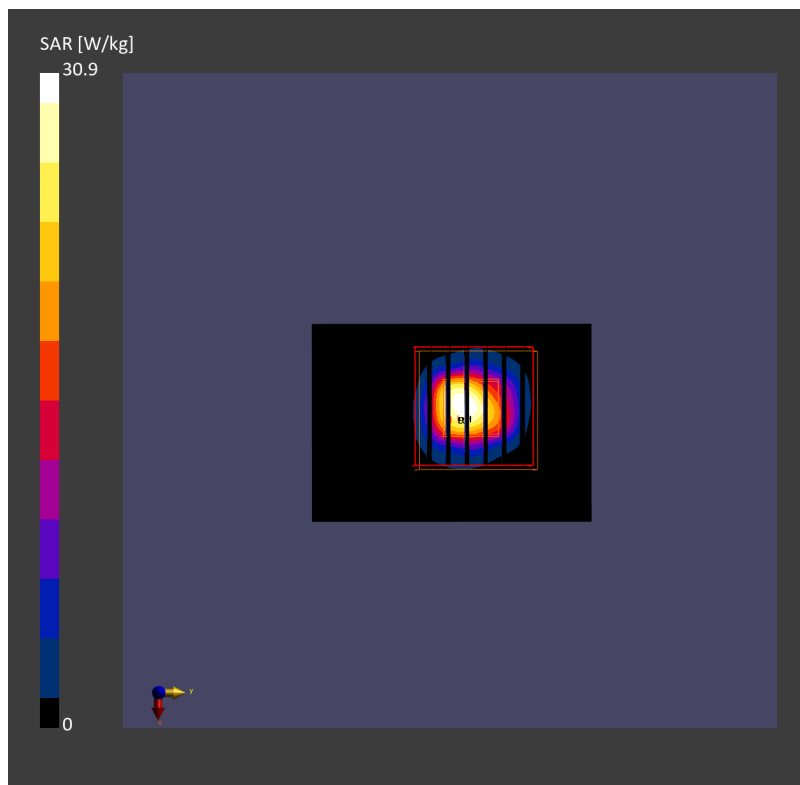
Pin=100mW/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.02 dB

SAR (1g) = 30.9 W/kg; SAR (10g) = 5.59 W/kg

Smallest distance from peaks to all points 3 dB below = 4.6 mm

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

psAPD (4.0cm², sq) = 137 [W/m²]

System Check_5800MHz

DUT:D5GHzV2-SN:1341

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	158.2 x 77.9 x 8.0		Dipole

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Headstand, HSL	DEFAULT, 25.00	D5GHz	CW, 0--	5800.0, 80	5.47	5.21	34.0

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
SAM-HeadStand V10.0 - 1024	HBBL-600-10000 , --	EX3DV4 - SN7641, 2024-06-03	DAE4 Sn1210, 2024-12-17

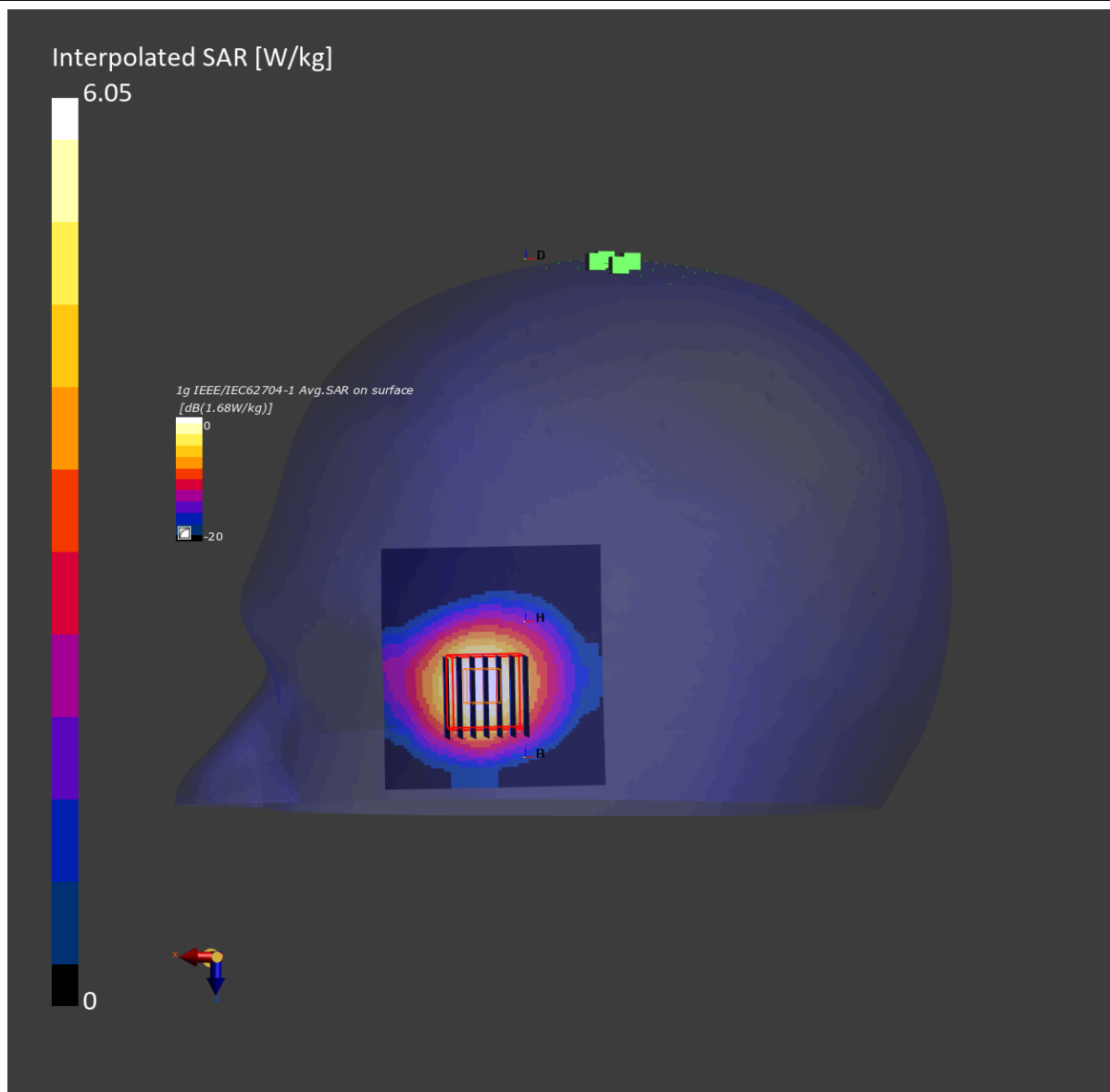
Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	71.6 x 65.1	22.0 x 22.0 x 22.0
Grid Steps [mm]	5.0 x 5.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	3.0
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.4
Scan Method	Measured	Measured

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-03-10, 02:05	2025-03-10, 02:12
psSAR1g [W/Kg]	1.68	1.63
psSAR10g [W/Kg]	0.594	0.581
Power Drift [dB]	-0.05	-0.04

SAR Pattern



System Check_5800MHz

DUT:D5GHzV2-SN:1341

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	158.2 x 77.9 x 8.0		Dipole

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Headstand, HSL	DEFAULT, 25.00	D5GHz	CW, 0--	5800.0, 80	5.47	5.34	35.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
SAM-HeadStand V10.0 - 1024	HBBL-600-10000 , --	EX3DV4 - SN7641, 2024-06-03	DAE4 Sn1210, 2024-12-17

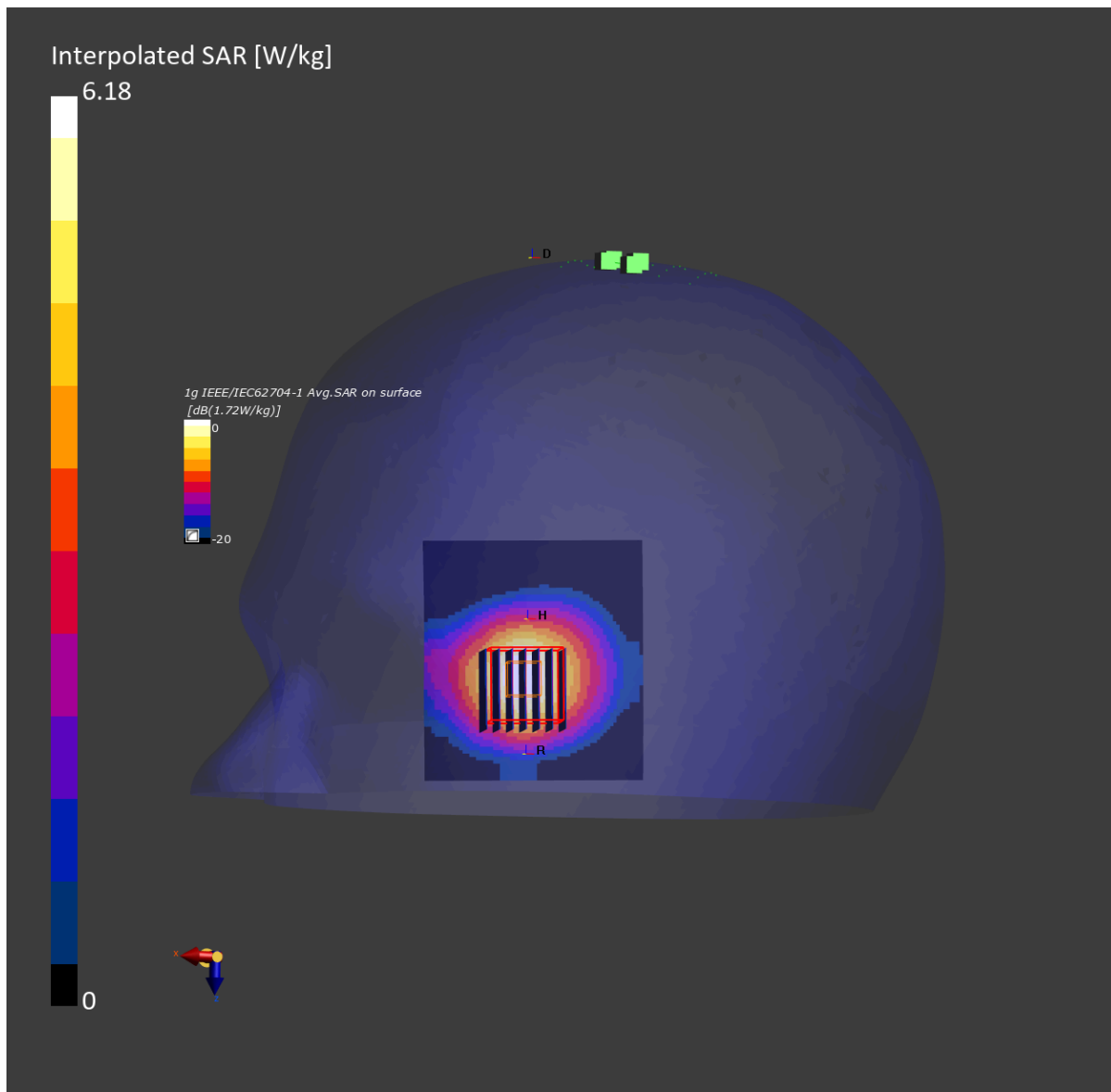
Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	71.6 x 65.1	22.0 x 22.0 x 22.0
Grid Steps [mm]	5.0 x 5.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	3.0
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.4
Scan Method	Measured	Measured

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-04-15, 02:25	2025-04-15, 02:32
psSAR1g [W/Kg]	1.72	1.74
psSAR10g [W/Kg]	0.609	0.592
Power Drift [dB]	-0.05	-0.14

SAR Pattern



Measurement Report for Device, FRONT, Validation band, CW, Channel 10000 (10000.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	100.0 x 100.0 x 105.0		Source

Exposure Conditions

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

Hardware Setup

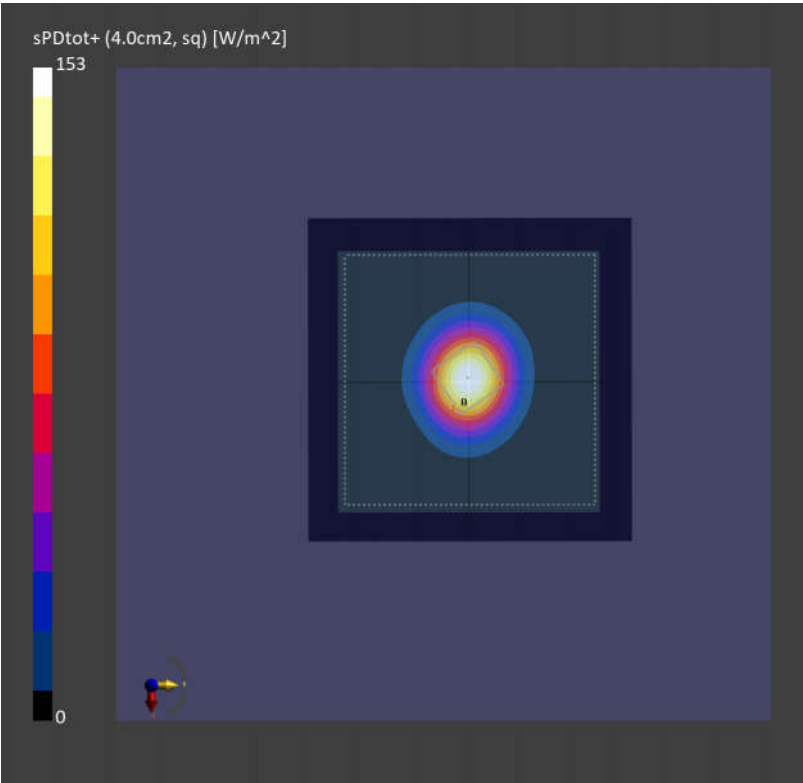
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave	Air -	EUmmWV4 - SN9432_F1-55GHz, 2025-01-08	DAE4 Sn1386, 2024-08-30

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	10.0
MAIA	N/A

Measurement Results

Scan Type	5G Scan
Date	2025-04-15
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	151
psPDtot+ [W/m ²]	153
psPDmod+ [W/m ²]	156
E _{max} [V/m]	298
Power Drift [dB]	0.02



Measurement Report for Device, FRONT, Validation band, CW, Channel 10000 (10000.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	100.0 x 100.0 x 105.0		Source

Exposure Conditions

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

Hardware Setup

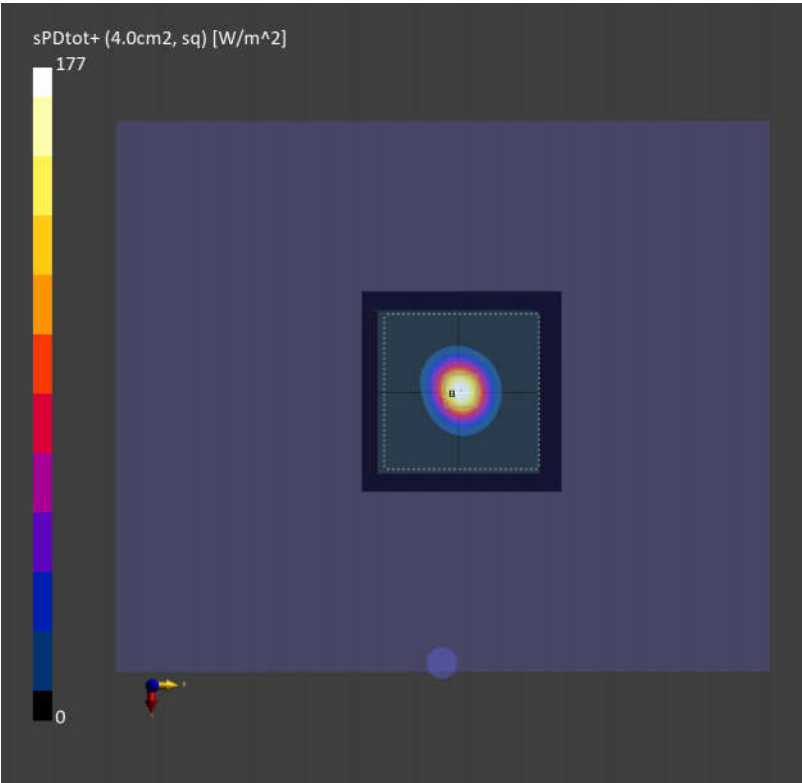
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave	Air -	EUmmWV4 - SN9432_F1-55GHz, 2025-01-08	DAE4 Sn1386, 2024-08-30

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	10.0
MAIA	N/A

Measurement Results

Scan Type	5G Scan
Date	2025-04-21
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	175
psPDtot+ [W/m ²]	177
psPDmod+ [W/m ²]	180
E _{max} [V/m]	296
Power Drift [dB]	0.01



Measurement Report for Device, FRONT, Validation band, CW, Channel 10000 (10000.0 MHz)**Device Under Test Properties**

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	100.0 x 100.0 x 105.0		Phone

Exposure Conditions

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

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave	Air –	EUmmWV4 – SN9432_F1–55GHz, 2025–01–08	DAE4 Sn1696, 2025–09–10

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	10.0
MAIA	N/A

Measurement Results

Scan Type	5G Scan
Date	2025–11–05
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	166
psPDtot+ [W/m ²]	167
psPDmod+ [W/m ²]	170
E _{max} [V/m]	292
Power Drift [dB]	0.04

