

Date: 2023-05-21

System Check_6500MHz

DUT: D6.5GHzV2-SN:1026

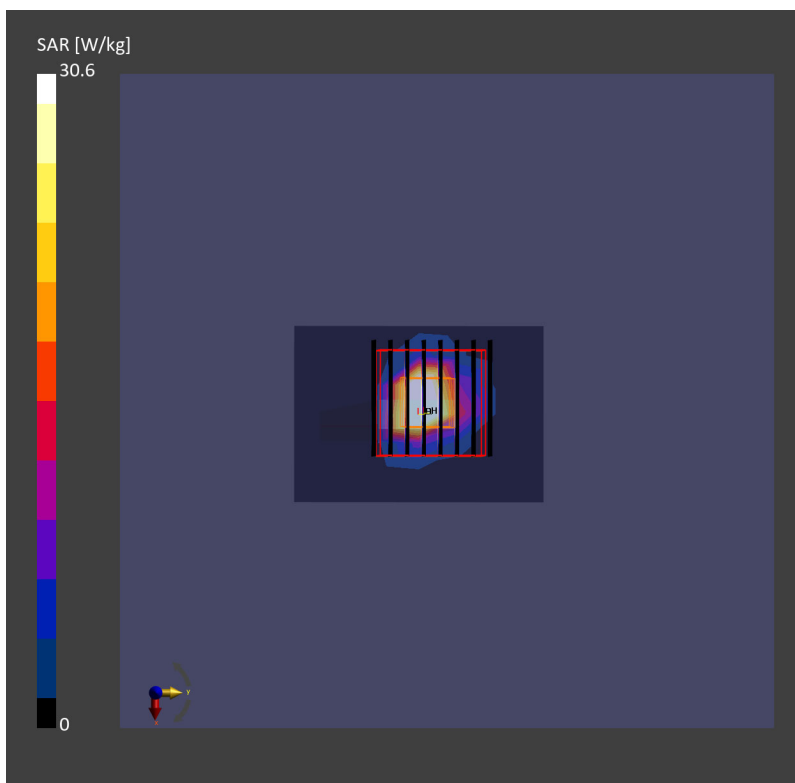
Communication System: CW; Frequency: 6500.0 MHz; Duty Cycle: 1:1
Medium: HSL Medium parameters used: $f = 6500.0$ MHz; $\sigma = 6.12$ S/m; $\epsilon_r = 34.2$
Ambient Temperature: 23.4°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(5.4, 5.4, 5.4); Calibrated: 2022-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1386; Calibrated: 2022-06-30
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2033; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: CW, 0--

Area Scan (36.0 mm x 51.0 mm): Measurement Grid: 6.0 mm x 8.5 mm
SAR (1g) = 27.3 W/kg; SAR (10g) = 5.29 W/kg;

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 = -0.07 dB
SAR (1g) = 30.6 W/kg; SAR (10g) = 5.72 W/kg
psAPD (4.0cm², sq) = 139 [W/m²]



Date: 2023-05-27

System Check_6500MHz

DUT: D6.5GHzV2-SN:1026

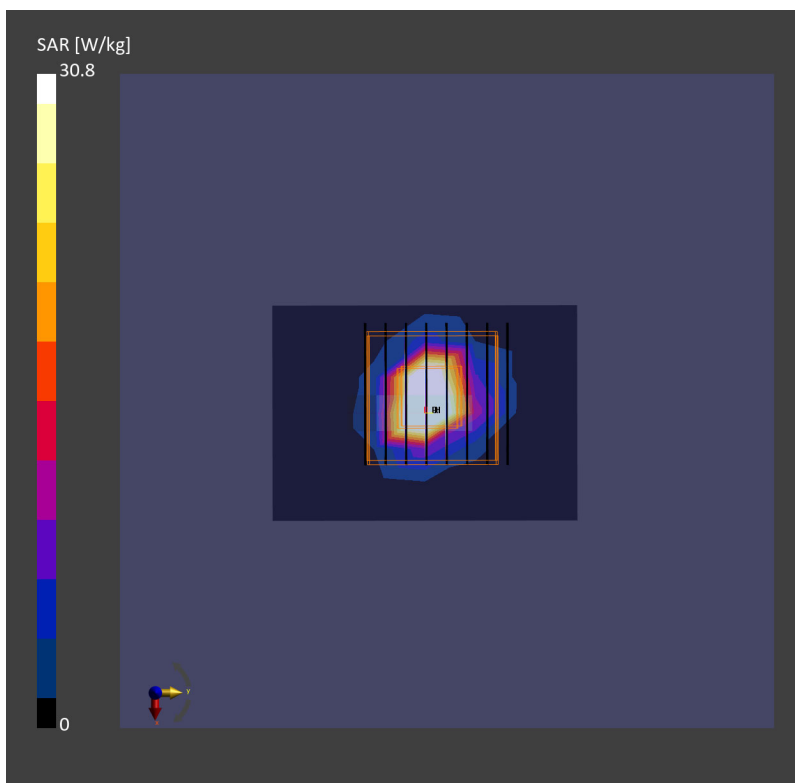
Communication System: CW; Frequency: 6500.0 MHz; Duty Cycle: 1:1
Medium: HSL Medium parameters used: $f = 6500.0$ MHz; $\sigma = 6.23$ S/m; $\epsilon_r = 34.4$
Ambient Temperature: 23.5°C; Liquid Temperature: 22.2°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(5.4, 5.4, 5.4); Calibrated: 2022-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1386; Calibrated: 2022-06-30
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2033; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: CW, 0--

Area Scan (36.0 mm x 51.0 mm): Measurement Grid: 6.0 mm x 8.5 mm
SAR (1g) = 29.1 W/kg; SAR (10g) = 5.53 W/kg;

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) = 30.8 W/kg; SAR (10g) = 5.74 W/kg
psAPD (4.0cm², sq) = 141 [W/m²]



System Check_6500MHz

DUT: D6.5GHzV2-SN:1026

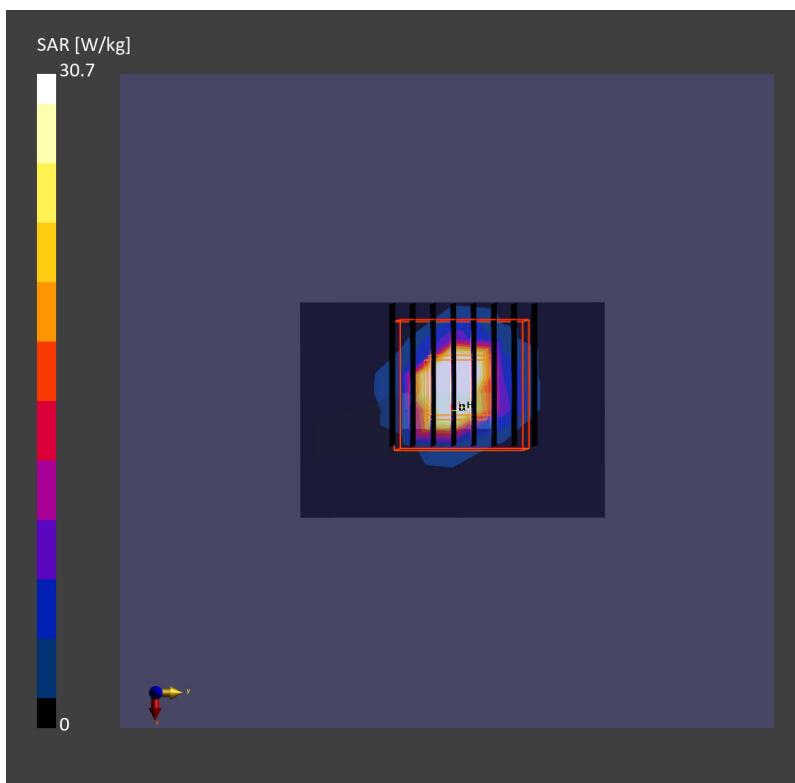
Communication System: CW; Frequency: 6500.0 MHz; Duty Cycle: 1:1
Medium: HSL Medium parameters used: $f = 6500.0$ MHz; $\sigma = 6.29$ S/m; $\epsilon_r = 34.8$
Ambient Temperature: 23.3°C; Liquid Temperature: 22.4°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(5.4, 5.4, 5.4); Calibrated: 2022-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1386; Calibrated: 2022-06-30
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2033; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: CW, 0--

Area Scan (36.0 mm x 51.0 mm): Measurement Grid: 6.0 mm x 8.5 mm
SAR (1g) = 29.0 W/kg; SAR (10g) = 5.36 W/kg;

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 = 0.03 dB
SAR (1g) = 30.7 W/kg; SAR (10g) = 5.60 W/kg
psAPD (4.0cm², sq) = 137 [W/m²]



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

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	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

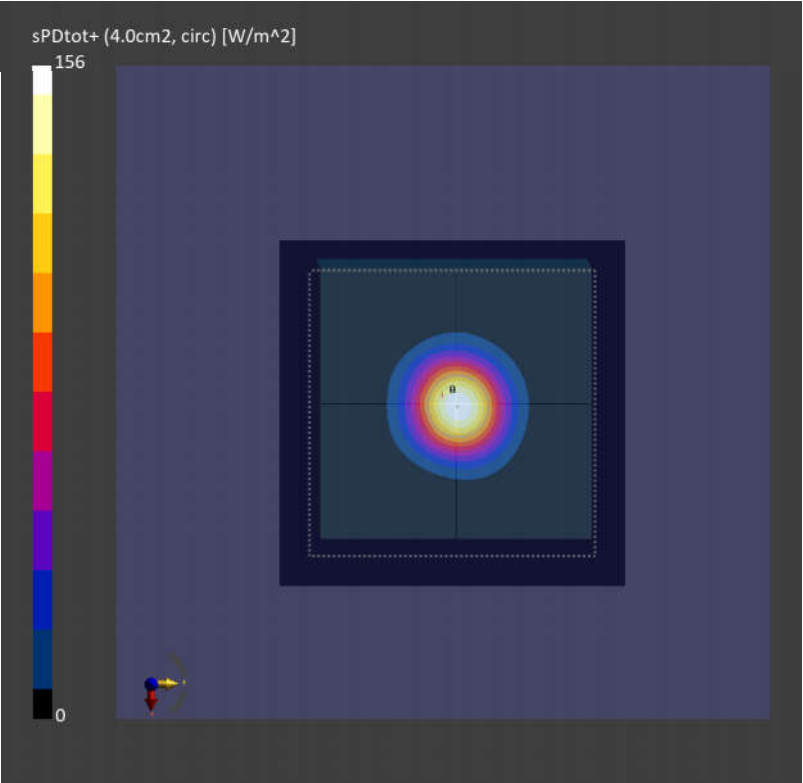
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave	Air -	EUmmWV4 - SN9432_F1-55GHz, 2023-01-23	DAE4 Sn715, 2023-01-23

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	2023-05-17
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	155
psPDtot+ [W/m ²]	156
psPDmod+ [W/m ²]	159
E _{max} [V/m]	286
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]	DUT Type
Source 10G,	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

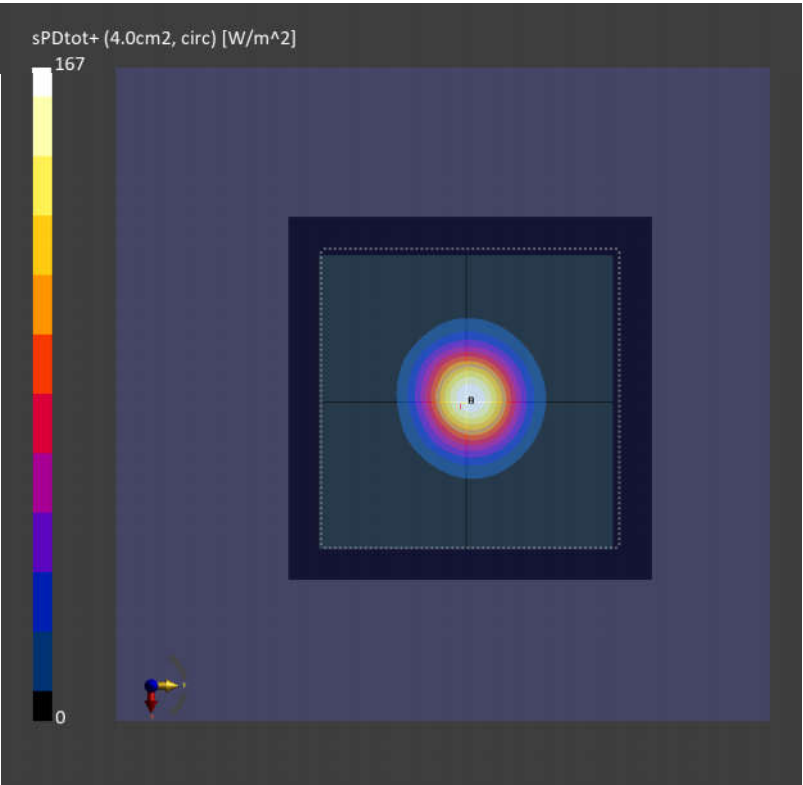
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave	Air -	EUmmWV4 - SN9432_F1-55GHz, 2023-01-23	DAE4 Sn715, 2023-01-23

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	2023-05-23
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	166
psPDtot+ [W/m²]	167
psPDmod+ [W/m²]	170
E _{max} [V/m]	292
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]	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, 2023-01-23	DAE4 Sn715, 2023-01-23

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	2023-05-29
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	163
psPDtot+ [W/m ²]	164
psPDmod+ [W/m ²]	167
E _{max} [V/m]	290
Power Drift [dB]	0.01

