

Date: 2025/4/2

System Cheek_6500MHz**D6.5GHzV2-1026**

Communication System: CW; Frequency: 6500.0 MHz;

Medium: HSL Medium parameters used: $f = 6500.0$ MHz; $\sigma = 6.08$ S/m; $\epsilon_r = 34.0$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.45, 5.38, 5.32); Calibrated: 2024/06/03
- 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: WLAN, 10719-AAC

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

SAR (1g)= 25.1 W/kg; SAR (10g) = 5.12 W/kg;

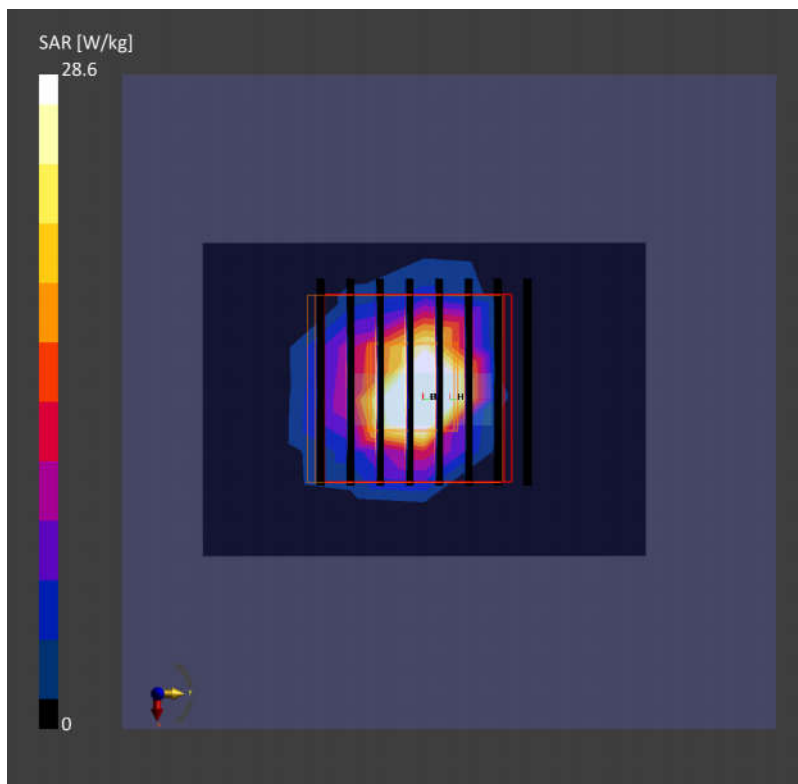
Pin=100mW/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4mm x 1.4 mm

Power Drift = 0.04 dB

SAR (1g) = 28.6 W/kg; SAR (10g) = 5.48 W/kg

Smallest distance from peaks to all points 3 dB below = 4.9 mm

Ratio of SAR at M2 to SAR at M1 = 51.1 %

psAPD (4.0cm², sq) = 133 [W/m²]

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

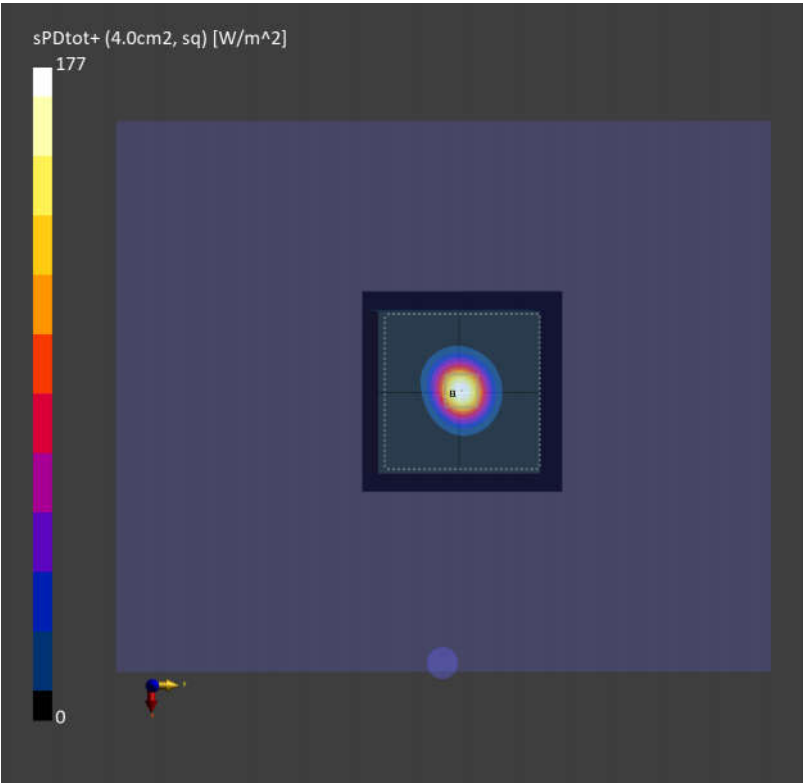
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave	Air -	EUmmWV4 - SN9432_F1-55GHz, 2025-01-08	DAE4 Sn1386, 2024-08-30

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	2025-03-29
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		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	2025-05-21
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	182
psPDtot+ [W/m ²]	184
psPDmod+ [W/m ²]	188
E _{max} [V/m]	311
Power Drift [dB]	-0.03

