

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

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]
Device,	100.0 x 100.0 x 105.0

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

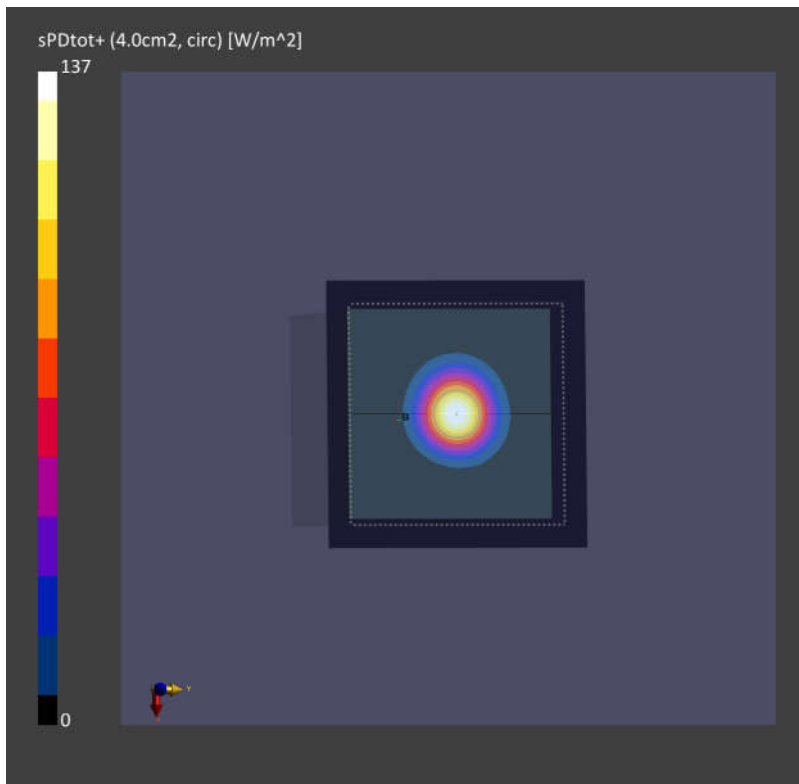
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1065	Air -	EUmmWV4 - SN9553_F1-55GHz, 2021-04-01	DAE4 Sn1650, 2021-06-09

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	10.0
MAIA	N/A

Measurement Results

Scan Type	5G Scan
Date	2022-02-26, 01:56
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	136
psPDtot+ [W/m ²]	137
psPDmod+ [W/m ²]	142
E _{max} [V/m]	276
Power Drift [dB]	-0.02



System Check_Head_6500MHz

DUT:D6.5GHzV2-SN:1031

Communication System: UID 0, CW (0); Frequency: 6500 MHz;Duty Cycle: 1:1
Medium: HSL_6500 Medium parameters used: $f = 6500 \text{ MHz}$; $\sigma = 5.859 \text{ S/m}$; $\epsilon_r = 34.256$;
 $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.7 °C

DASY6 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(5.7, 5.7, 5.7); Calibrated: 2021-04-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn690; Calibrated: 2021-03-17
- Phantom: Twin-SAM V8.0 (P1a-P2a); Serial: 2024; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926

Pin=100mW/Area Scan (119.0 mm x 204.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
Maximum value of SAR (interpolated) = 20.6 W/kg

Pin=100mW/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement grid:
 $dx=3.4\text{mm}$, $dy=3.4\text{mm}$, $dz=1.4\text{mm}$;
Power Drift = 0.05 dB
SAR(1 g) = 27.2 W/kg; SAR(10 g) = 4.86 W/kg

