



Appendix B

Detailed Test Results

1. WIFI&BT
WIFI 2.4G
WIFI 5G
Bluetooth
2. PD
PD

Test Laboratory: SAR Lab

WIFI2.4G 802.11b 11CH Left side 10mm

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2462 MHz;Duty Cycle: 1:1.012

Medium: HSL2450;Medium parameters used: $f = 2462$ MHz; $\sigma = 1.866$ S/m; $\epsilon_r = 39.526$; $\rho = 1000$ kg/m³

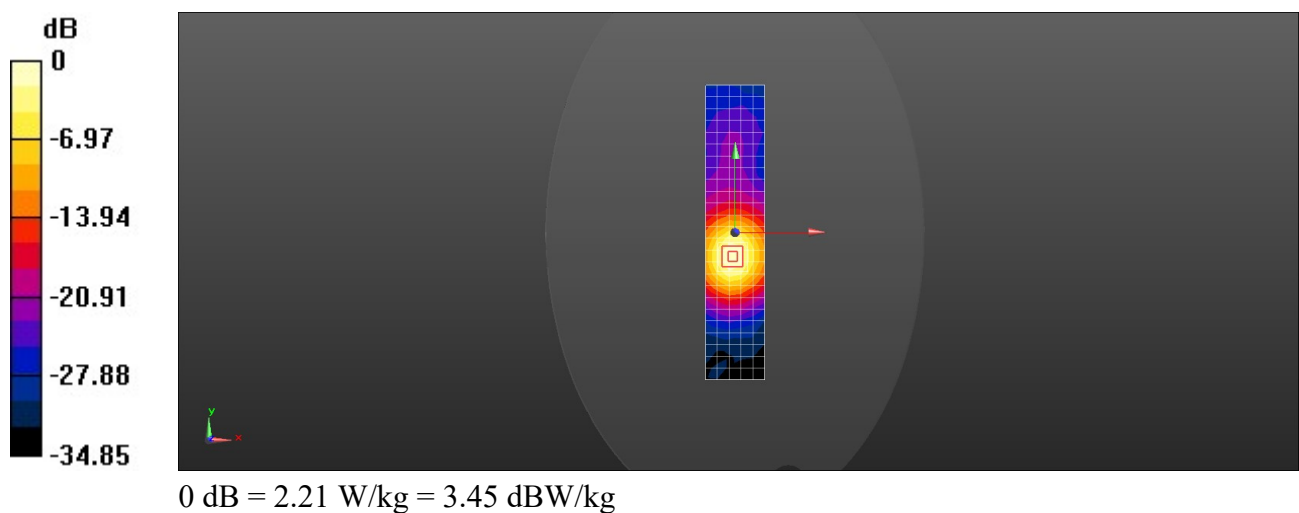
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.95, 7.95, 7.95); Calibrated: 2026/1/12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2026/9/11
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1239
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (6x26x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 2.21 W/kg

Configuration/Scan/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.16 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 3.06 W/kg
SAR(1 g) = 1.59 W/kg; SAR(10 g) = 0.830 W/kg
Smallest distance from peaks to all points 3 dB below = 13 mm
Ratio of SAR at M2 to SAR at M1 = 51.9%
Maximum value of SAR (measured) = 2.49 W/kg



Test Laboratory: SAR Lab

WIFI2.4G 802.11b 1CH Front side 0mm

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2412 MHz;Duty Cycle: 1:1.012

Medium: HSL2450;Medium parameters used: $f = 2412$ MHz; $\sigma = 1.804$ S/m; $\epsilon_r = 39.644$; $\rho = 1000$ kg/m³

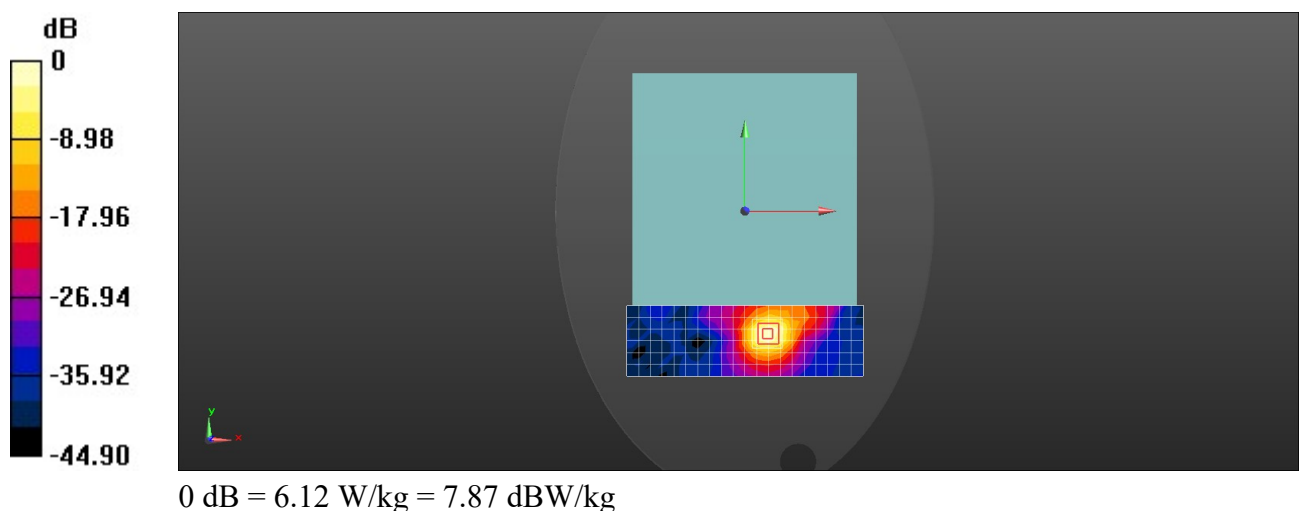
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.95, 7.95, 7.95); Calibrated: 2026/1/12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2026/9/11
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1239
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (21x7x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 6.12 W/kg

Configuration/Scan/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.4600 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 10.5 W/kg
SAR(1 g) = 4.59 W/kg; SAR(10 g) = 1.9 W/kg
Smallest distance from peaks to all points 3 dB below = 7.6 mm
Ratio of SAR at M2 to SAR at M1 = 44.7%
Maximum value of SAR (measured) = 8.27 W/kg



Test Laboratory: SAR Lab

WIFI5G 802.11a 165CH Back side 10mm

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5745 MHz;Duty Cycle: 1:1.074

Medium: HSL5G;Medium parameters used: $f = 5745$ MHz; $\sigma = 5.429$ S/m; $\epsilon_r = 35.636$; $\rho = 1000$ kg/m³

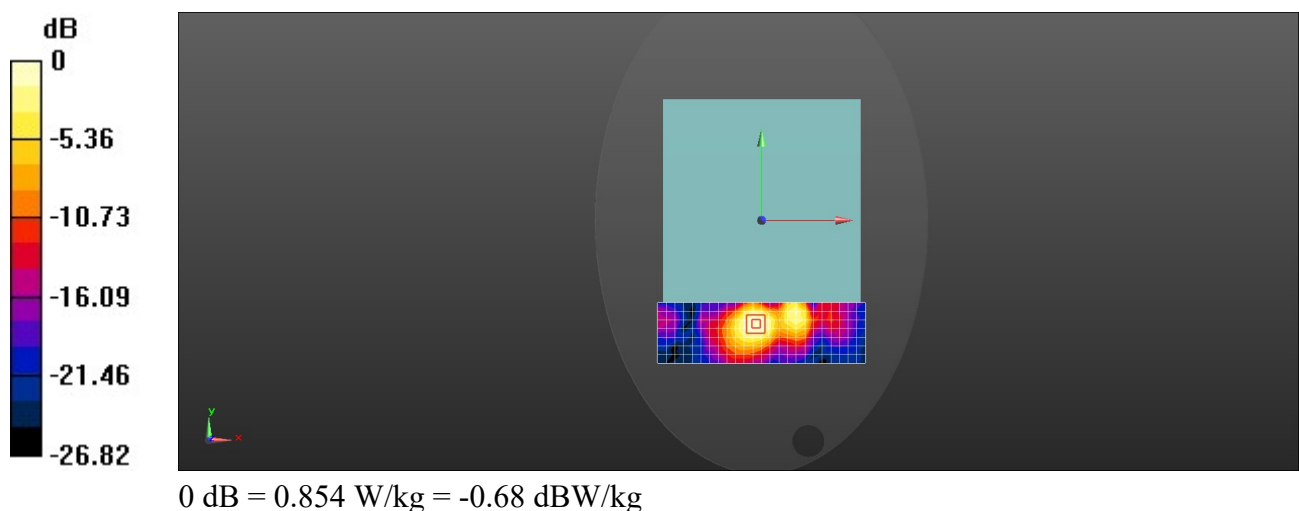
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(5.1, 5.1, 5.1); Calibrated: 2026/1/12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2026/9/11
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1239
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (25x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.854 W/kg

Configuration/Scan/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 0.8110 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 0.452 W/kg; SAR(10 g) = 0.187 W/kg
Smallest distance from peaks to all points 3 dB below = 11.5 mm
Ratio of SAR at M2 to SAR at M1 = 63.8%
Maximum value of SAR (measured) = 0.970 W/kg



Test Laboratory: SAR Lab

WIFI5G 802.11a 165CH Front side 0mm

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5825 MHz;Duty Cycle: 1:1.074

Medium: HSL5G;Medium parameters used: $f = 5825$ MHz; $\sigma = 5.516$ S/m; $\epsilon_r = 35.414$; $\rho = 1055$ kg/m³

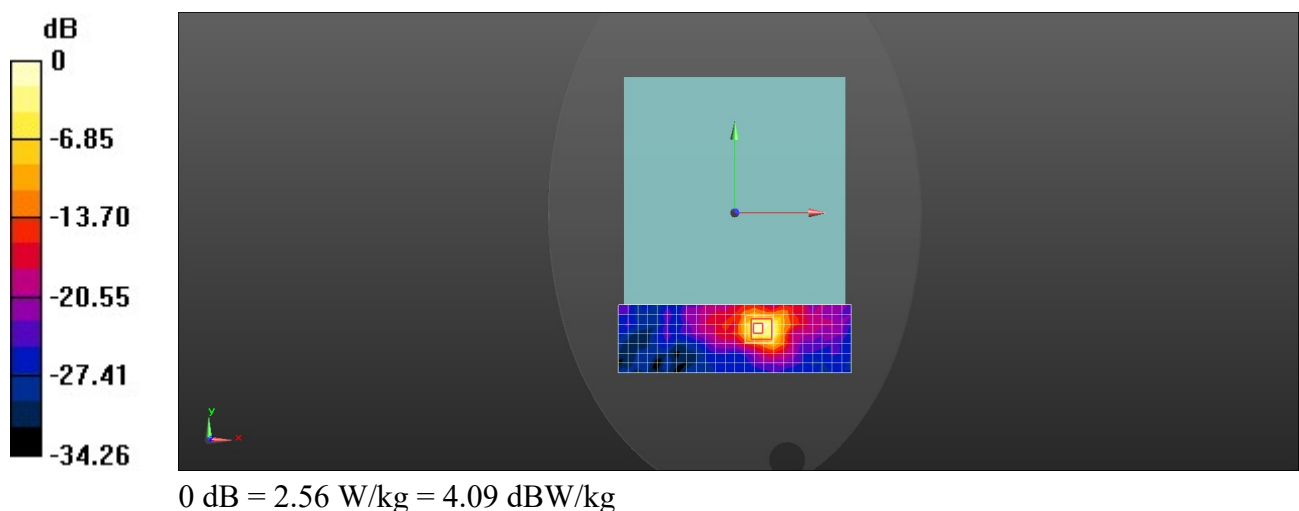
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(5.1, 5.1, 5.1); Calibrated: 2026/1/12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2026/9/11
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1239
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (25x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.56 W/kg

Configuration/Scan/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 0.4110 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 7.74 W/kg
SAR(1 g) = 1.51 W/kg; SAR(10 g) = 0.416 W/kg
Smallest distance from peaks to all points 3 dB below = 6.8 mm
Ratio of SAR at M2 to SAR at M1 = 60.2%
Maximum value of SAR (measured) = 4.21 W/kg



Test Laboratory: SAR Lab

Bluetooth BLE 1M 39CH Back side 10mm

Communication System: UID 0, BLE (0); Frequency: 2480 MHz; Duty Cycle: 1:1.578

Medium: HSL2450; Medium parameters used: $f = 2480$ MHz; $\sigma = 1.883$ S/m; $\epsilon_r = 39.438$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.95, 7.95, 7.95); Calibrated: 2026/1/12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2026/9/11
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1239
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (21x8x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.104 W/kg

Configuration/Scan/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.5650 V/m; Power Drift = 0.07 dB

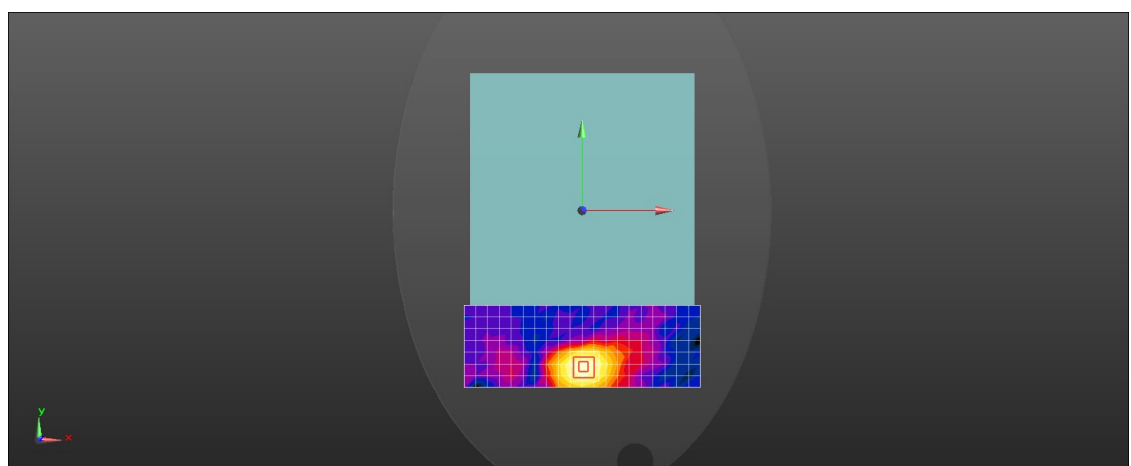
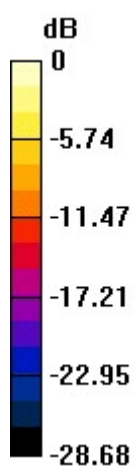
Peak SAR (extrapolated) = 0.131 W/kg

SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.038 W/kg

Smallest distance from peaks to all points 3 dB below = 11.7 mm

Ratio of SAR at M2 to SAR at M1 = 53.9%

Maximum value of SAR (measured) = 0.108 W/kg



0 dB = 0.104 W/kg = -9.82 dBW/kg

Test Laboratory: SAR Lab

Bluetooth BLE 1M 39CH Back side 0mm

Communication System: UID 0, BLE (0); Frequency: 2480 MHz; Duty Cycle: 1:1.578

Medium: HSL2450; Medium parameters used: $f = 2480$ MHz; $\sigma = 1.883$ S/m; $\epsilon_r = 39.438$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.95, 7.95, 7.95); Calibrated: 2026/1/12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2026/9/11
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1239
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (21x8x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.285 W/kg

Configuration/Scan/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.6400 V/m; Power Drift = -0.18 dB

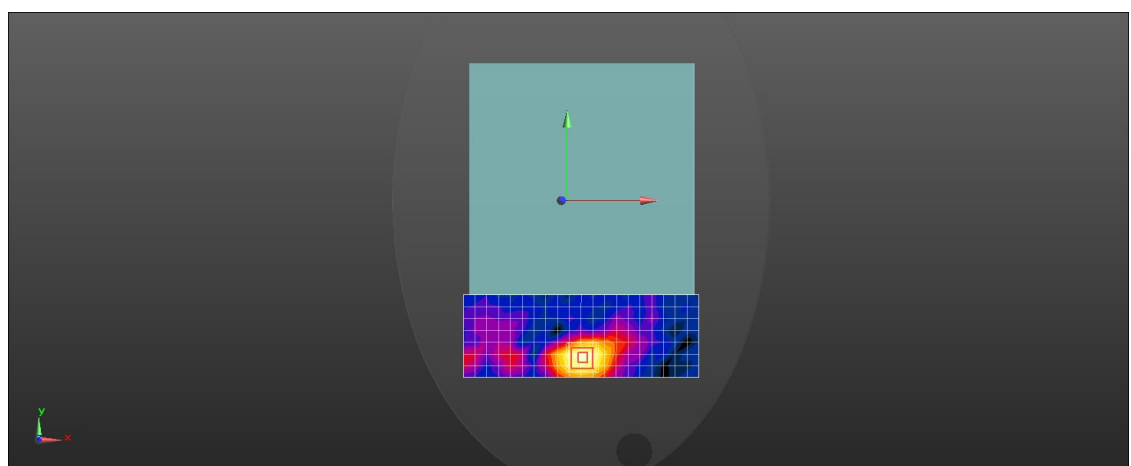
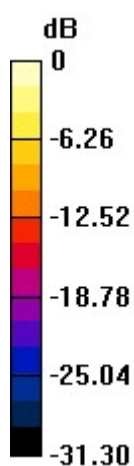
Peak SAR (extrapolated) = 0.398 W/kg

SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.093 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 51%

Maximum value of SAR (measured) = 0.322 W/kg



0 dB = 0.285 W/kg = -5.45 dBW/kg

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	283.0 x 230.0 x 20.0	Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	BACK, 2.00	Custom Band	CW, 0--	61158.0, 61158000	1.0

Hardware Setup

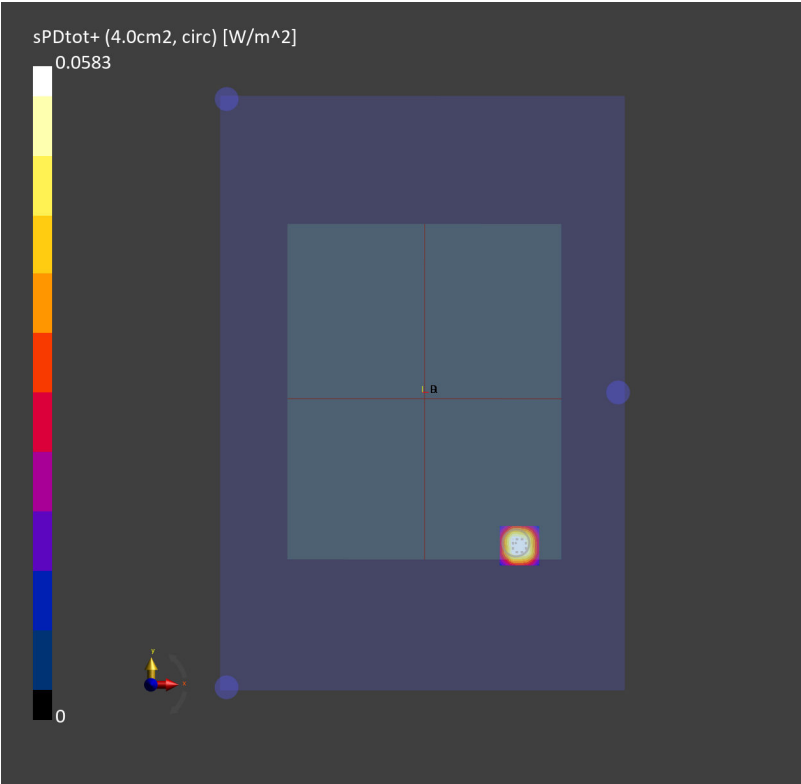
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1777	Air -	EUmmWV4 - SN9533_F55-110GHz, 2025-09-19	DAE4ip Sn1826, 2026-04-27

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	32.5 x 32.5
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

Scan Type	5G Scan
Date	2026-09-16
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	0.056
psPDtot+ [W/m²]	0.058
psPDmod+ [W/m²]	0.060
max(Stot)+ [W/m²]	0.109
E _{max} [V/m]	6.27
Power Drift [dB]	0.06





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