



# Appendix B

## Detailed Test Results

|    |           |
|----|-----------|
| 1. | WIFI      |
|    | WIFI 2.4G |
|    | WIFI 5G   |
|    | WIFI 6G   |
| 2. | BT        |
|    | BT        |
| 3. | NFC       |
|    | NFC       |
| 4. | PD        |
|    | PD        |

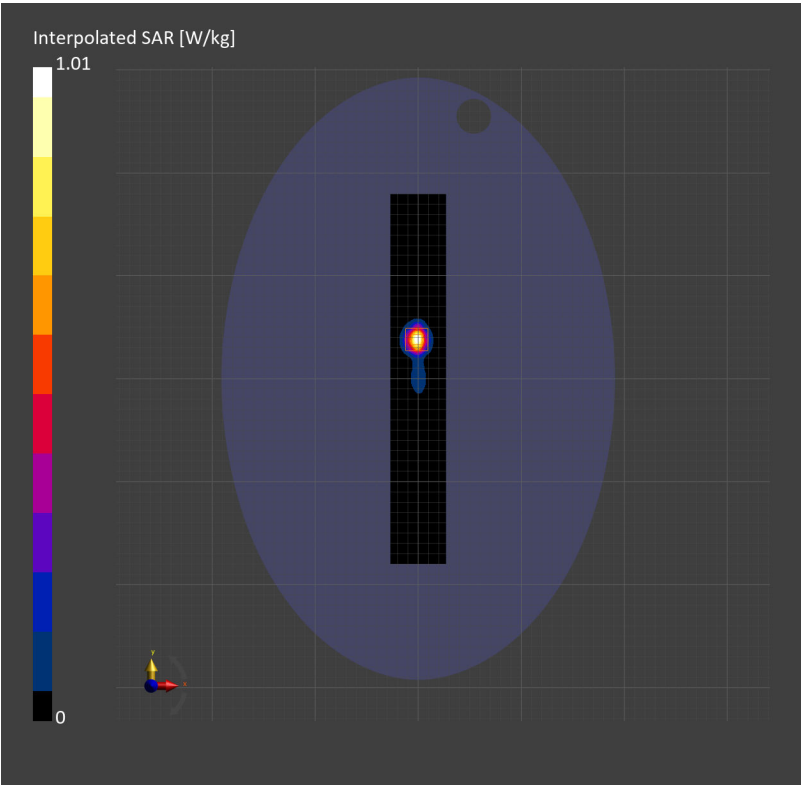
**WIFI 2.4G 802.11b 6CH Top Side 0mm**

Communication System: WLAN 2.4GHz; Frequency: 2437.000  
Medium: HSL. Medium parameters used:  $f = 2437.000$  MHz;  $\sigma = 1.80$  S/m;  $\epsilon_r = 38.9$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(7.55, 7.55, 7.55); Calibrated: 2026-02-02
  - Sensor-Surface: 1.4 mm
  - Electronics: DAE4 Sn1374; Calibrated: 2026-02-02
  - Phantom: ELI V8.0 (20deg probe tilt); Serial: 2217
  - Measurement Software: cDASY8 V16.4.0.5005

**Area Scan (54.0 mm x 360.0 mm):** Measurement Grid: 9.0 mm x 10.0 mm  
SAR (1g) = 0.720 W/kg; SAR (10g) = 0.284 W/kg;

**Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm):** Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm  
Power Drift = 0.04 dB  
**SAR (1g) = 0.673 W/kg; SAR (10g) = 0.266 W/kg;**  
M2/M1 [%] 76.4  
Dist 3dB Peak [mm] 7.7

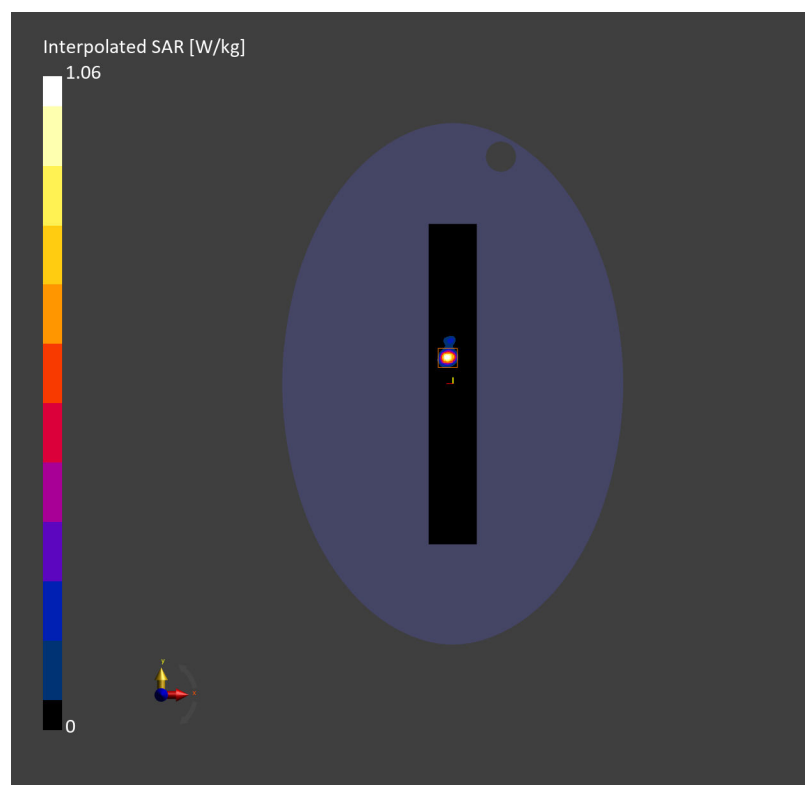


Communication System: WLAN 5GHz; Frequency: 5755.000  
Medium: HSL. Medium parameters used:  $f = 5755.000$  MHz;  $\sigma = 5.39$  S/m;  $\epsilon_r = 35.8$

- Probe: EX3DV4 - SN7838; ConvF(4.86, 4.86, 4.86); Calibrated: 2026-02-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1374; Calibrated: 2026-02-02
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2217
- Measurement Software: cDASY8 V16.4.0.5005

**Zoom Scan (22.8 mm x 22.8 mm x 22.0 mm):** Measurement Grid: 3.8 mm x 3.8 mm x 1.4 mm  
Power Drift = 0.02 dB  
**SAR (1g) = 0.778 W/kg; SAR (10g) = 0.150 W/kg;**

|                    |      |
|--------------------|------|
| M2/M1 [%]          | 61.3 |
| Dist 3dB Peak [mm] | 4.9  |



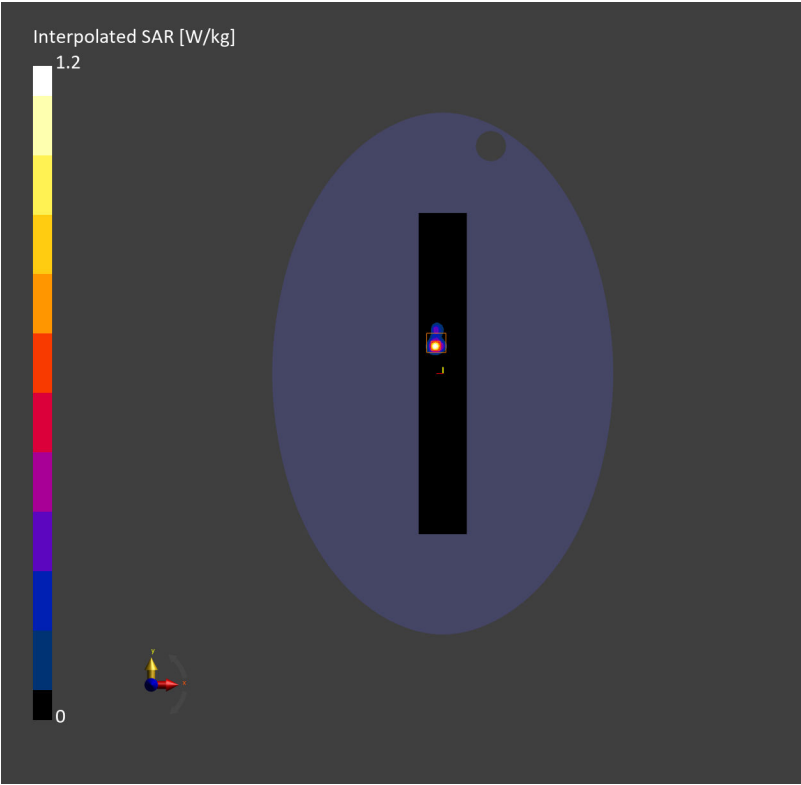
WIFI 6E 802.11ax 80M 7CH Top Side 0mm

Communication System: U-NII-5; Frequency: 5985.000  
Medium: HSL. Medium parameters used:  $f=5985.000$  MHz;  $\sigma=5.61$  S/m;  $\epsilon_r=36.3$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(5.46, 5.46, 5.46); Calibrated: 2026-02-02
  - Sensor-Surface: 1.4 mm
  - Electronics: DAE4 Sn1374; Calibrated: 2026-02-02
  - Phantom: ELI V8.0 (20deg probe tilt); Serial: 2217
  - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (54.0 mm x 360.0 mm): Measurement Grid: 9.0 mm x 10.0 mm  
SAR (1g) = 0.673 W/kg; SAR (8g) = 0.169 W/kg; SAR (10g) = 0.142 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm  
Power Drift = 0.09 dB  
SAR (1g) = 0.728 W/kg; SAR (8g) = 0.173 W/kg; SAR (10g) = 0.143 W/kg;  
psAPD (4.0cm2, sq) [W/m2] 3.47  
M2/M1 [%] 55.4  
Dist 3dB Peak [mm] 5.1



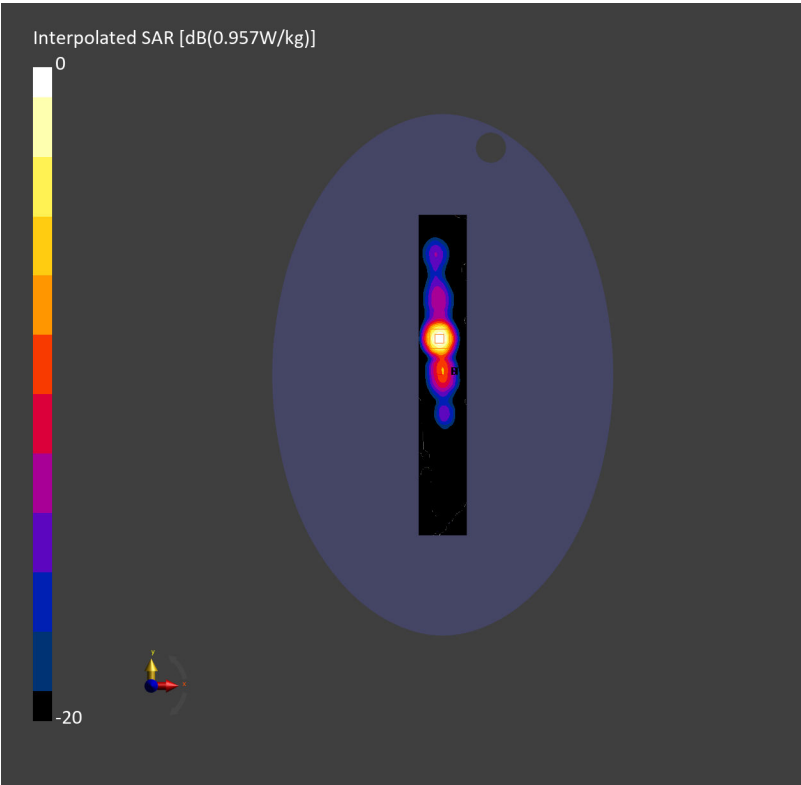
**Bluetooth DH5 39CH Top side 0mm**

Communication System: ISM 2.4 GHz Band; Frequency: 2441.000  
Medium: HSL. Medium parameters used:  $f = 2441.000$  MHz;  $\sigma = 1.80$  S/m;  $\epsilon_r = 38.9$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(7.55, 7.55, 7.55); Calibrated: 2026-02-02
  - Sensor-Surface: 1.4 mm
  - Electronics: DAE4 Sn1374; Calibrated: 2026-02-02
  - Phantom: ELI V8.0 (20deg probe tilt); Serial: 2217
  - Measurement Software: cDASY8 V16.4.0.5005

**Area Scan (54.0 mm x 360.0 mm):** Measurement Grid: 9.0 mm x 10.0 mm  
SAR (1g) = 0.698 W/kg; SAR (10g) = 0.285 W/kg;

**Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm):** Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm  
Power Drift = -0.08 dB  
**SAR (1g) = 0.643 W/kg; SAR (10g) = 0.238 W/kg;**  
M2/M1 [%] 75.1  
Dist 3dB Peak [mm] 7.0



Test Laboratory: SGS-SAR Lab

## TF41A NFC 13.56MHz Back side 0mm

**DUT: TF41A; Type: Wireless Data Terminal; Serial: LE09261H00066**

Communication System: UID 0, NFC (0); Frequency: 13.56 MHz; Duty Cycle: 1:1

Medium: HSL\_13.56; Medium parameters used:  $f = 14$  MHz;  $\sigma = 0.732$  S/m;  $\epsilon_r = 53.364$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(15.44, 17.46, 16.16); Calibrated: 2025/11/07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2025/09/08
- Phantom: SAR 3; Type: EL4; Serial: TP:1143
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Ch/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0345 W/kg

**Configuration/Ch/Zoom Scan (6x7x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.2451 V/m; Power Drift = 0.01 dB

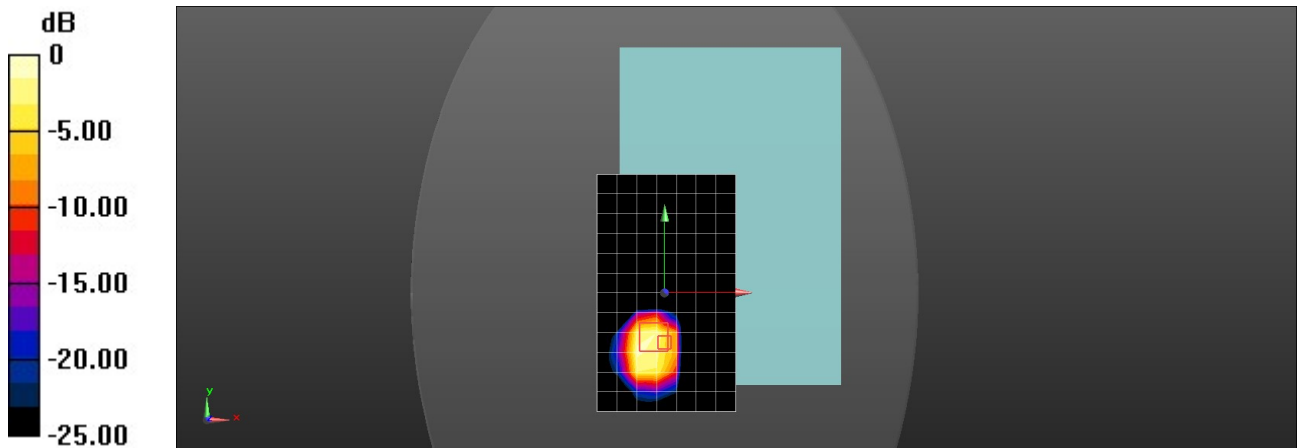
Peak SAR (extrapolated) = 0.114 W/kg

**SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.007 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 43.2%

Maximum value of SAR (measured) = 0.0474 W/kg



Device Under Test Properties

|                     |                      |          |
|---------------------|----------------------|----------|
| Model, Manufacturer | Dimensions [mm]      | DUT Type |
| Device,             | 322.6 x 213.4 x 12.5 | Tablet   |

Exposure Conditions

|                 |                              |         |                 |                                 |                   |
|-----------------|------------------------------|---------|-----------------|---------------------------------|-------------------|
| Phantom Section | Position, Test Distance [mm] | Band    | Group, UID      | Frequency [MHz], Channel Number | Conversion Factor |
| 5G              | EDGE LEFT, 2.00              | U-NII-5 | WLAN, 10731–AAC | 5985.0, 7                       | 1.0               |

Hardware Setup

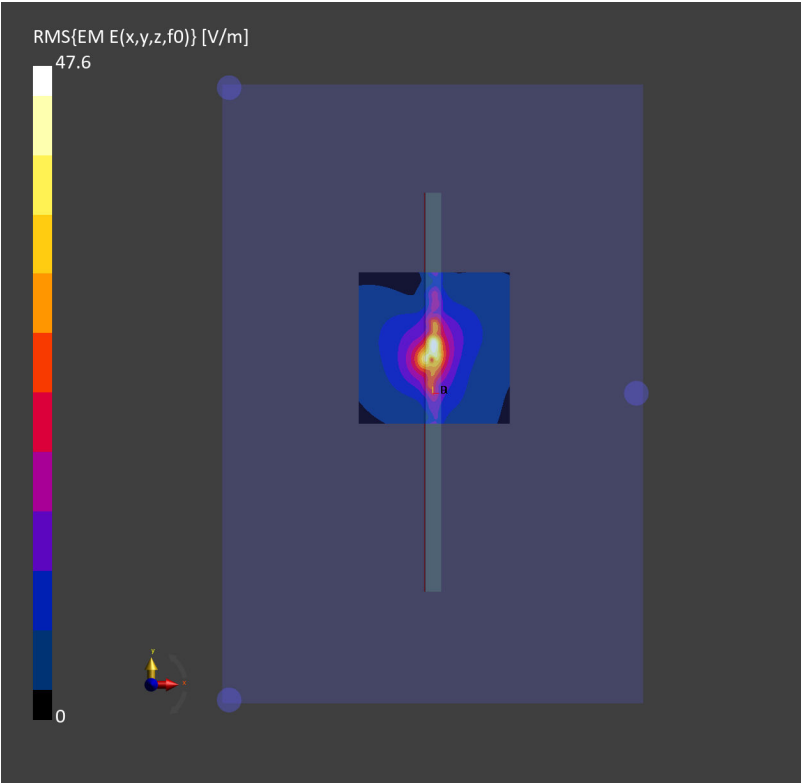
|               |        |                                       |                         |
|---------------|--------|---------------------------------------|-------------------------|
| Phantom       | Medium | Probe, Calibration Date               | DAE, Calibration Date   |
| mmWave – 1777 | Air –  | EUmmWV4 – SN9718_F1–55GHz, 2025–08–04 | DAE4 Sn1374, 2026–02–02 |

Scans Setup

|                     |                 |
|---------------------|-----------------|
| Scan Type           | 5G Scan         |
| Grid Extents [mm]   | 120.0 x 120.0   |
| Grid Steps [lambda] | 0.0625 x 0.0625 |
| Sensor Surface [mm] | 2.0             |
| MAIA                | Y               |

Measurement Results

|                        |            |
|------------------------|------------|
| Scan Type              | 5G Scan    |
| Date                   | 2026–03–15 |
| Avg. Area [cm²]        | 4.00       |
| psPDn+ [W/m²]          | 1.92       |
| psPDtot+ [W/m²]        | 3.05       |
| psPDmod+ [W/m²]        | 5.11       |
| E <sub>max</sub> [V/m] | 47.6       |
| Power Drift [dB]       | 0.05       |





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