

Appendix B

Detailed Test Results

1. WIFI
WIFI 2.4G
WIFI 5G
WIFI 6E
PD
2. BT
BT

DT301YA WIFI2.4g 802.11n-HT40 7CH Right side 0mm MIMO

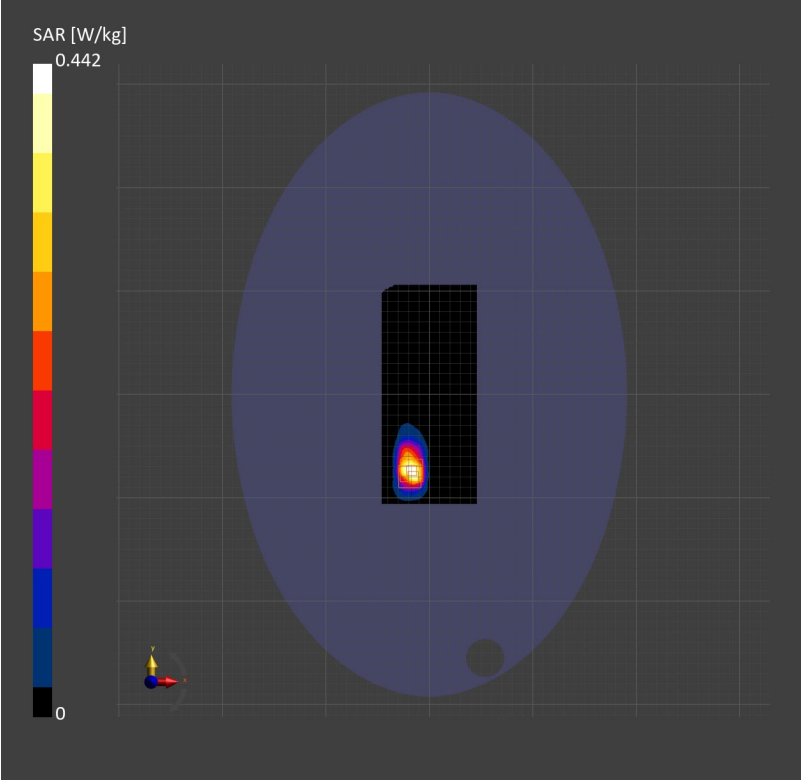
DT301YA

Communication System: WLAN 2.4GHz; Frequency: 2442.000
Medium: Head Simulating Liquid. Medium parameters used: $f=2442.000$ MHz; $\sigma=1.75$ S/m; $\epsilon_r=40.0$

- DASY6 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(7.13, 6.8, 7.01); Calibrated: 2024-11-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4 Sn1663; Calibrated: 2025-04-28
 - Phantom: ELI V4.0 (20deg probe tilt); Serial: 1123
 - Measurement Software: cDASY6 V16.4.0.5005

Area Scan (80.0 mm x 210.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 0.393 W/kg; SAR (10g) = 0.195 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 = 0.01 dB
SAR (1g) = 0.328 W/kg; SAR (10g) = 0.130 W/kg;
M2/M1 [%]=44.6
Dist 3dB Peak [mm]=5.1



DT301YA WIFI5g 802.11ac-VHT160 114CH Right side 0mm ANT2**DT301YA**

Communication System: WLAN 5GHz; Frequency: 5570.000

Medium: Head Simulating Liquid. Medium parameters used: $f = 5570.000$ MHz; $\sigma = 4.91$ S/m; $\epsilon_r = 34.8$

DASY6 Configuration:

- Probe: EX3DV4 - SN7838; ConvF(5.07, 4.84, 4.98); Calibrated: 2024-11-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1663; Calibrated: 2025-04-28
- Phantom: ELI V4.0 (20deg probe tilt); Serial: 1123
- Measurement Software: cDASY6 V16.4.0.5005

Area Scan (80.0 mm x 210.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 1.43 W/kg; SAR (10g) = 0.482 W/kg;

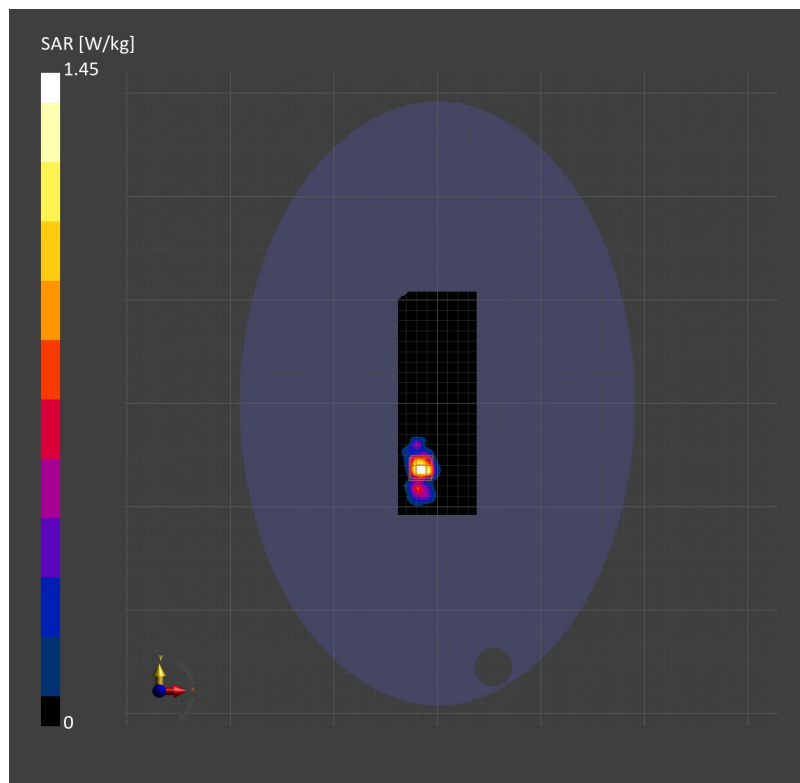
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.11 dB

SAR (1g) = 1.04 W/kg; SAR (10g) = 0.299 W/kg;

M2/M1 [%]=53.5

Dist 3dB Peak [mm]=4.8



DT301YA WIFI6e 802.11BE EHT320 159CH Right side 0mm MIMO

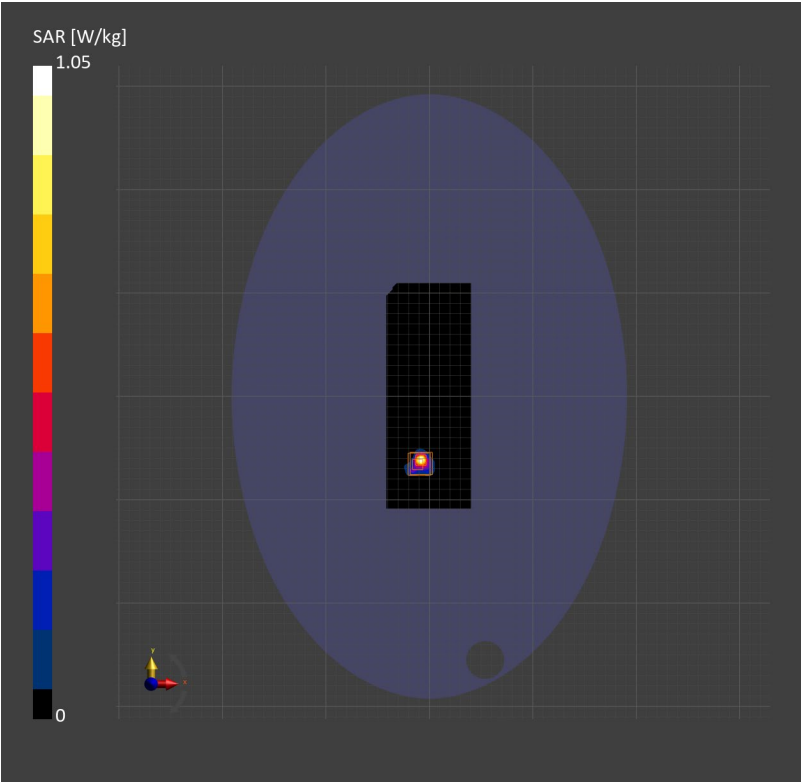
DT301YA

Communication System: U-NII-7; Frequency: 6745.000
Medium: Head Simulating Liquid. Medium parameters used: $f=6745.000$ MHz; $\sigma=6.59$ S/m; $\epsilon_r=33.5$

- DASY6 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(5.2, 4.96, 5.11); Calibrated: 2024-11-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4 Sn1663; Calibrated: 2025-04-28
 - Phantom: ELI V4.0 (20deg probe tilt); Serial: 1123
 - Measurement Software: cDASY6 V16.4.0.5005

Area Scan (80.0 mm x 210.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 1.03 W/kg; SAR (10g) = 0.227 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 = 0.05 dB
SAR (1g) = 0.847 W/kg; SAR (10g) = 0.186 W/kg;
M2/M1 [%]=65.3
Dist 3dB Peak [mm]=4.0



Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	205.0 x 270.0 x 18.0	Tablet

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	EDGE RIGHT, 2.00	U–NII–5	WLAN, 10743–AAC	6265.0, 63	1.0

Hardware Setup

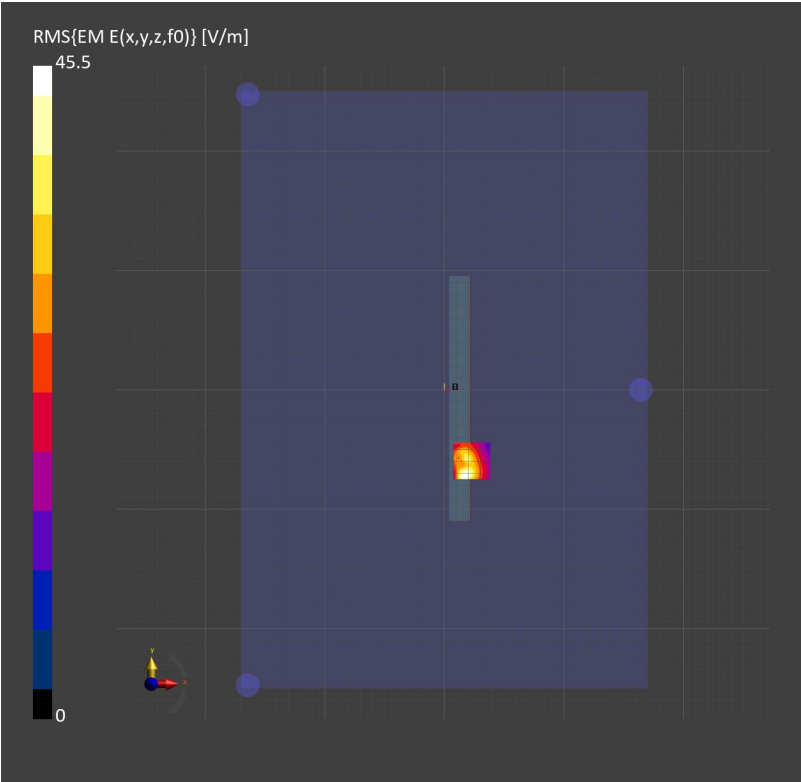
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – 1777	Air –	EUmmWV4 – SN9533_F1–55GHz, 2024–08–23	DAE4 Sn1663, 2025–04–28

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

Scan Type	5G Scan
Date	2025–06–23
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.09
psPDtot+ [W/m ²]	2.72
psPDmod+ [W/m ²]	3.15
E _{max} [V/m]	45.5
Power Drift [dB]	0.03



DT301YA Bluetooth DH5 78CH Left side 0mm

DT301YA

Communication System: ISM 2.4 GHz Band; Frequency: 2480.000
Medium: Head Simulating Liquid. Medium parameters used: $f=2480.000$ MHz; $\sigma=1.79$ S/m; $\epsilon_r=39.9$

- DASY6 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(7.13, 6.8, 7.01); Calibrated: 2024-11-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4 Sn1663; Calibrated: 2025-04-28
 - Phantom: ELI V4.0 (20deg probe tilt); Serial: 1123
 - Measurement Software: cDASY6 V16.4.0.5005

Area Scan (80.0 mm x 210.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 0.685 W/kg; SAR (10g) = 0.291 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 5.0 mm
Power Drift = -0.05 dB
SAR (1g) = 0.751 W/kg; SAR (10g) = 0.288 W/kg;
M2/M1 [%]=36.5
Dist 3dB Peak [mm]=6.0

