

Appendix B

Detailed Test Results

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

DT311YA WIFI2.4G 802.11b 7CH Right side 0mm ANT2

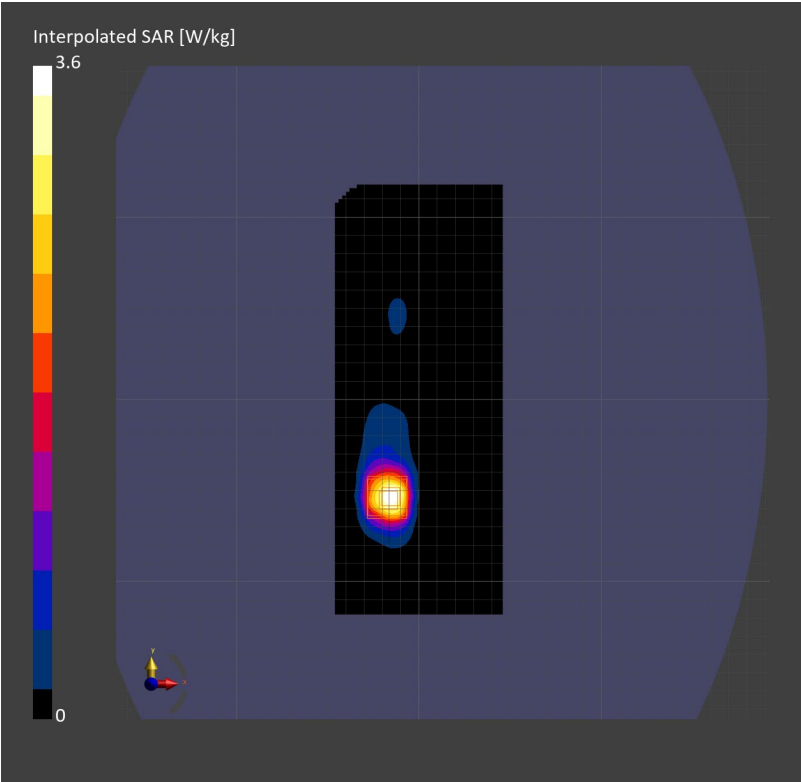
DT311YA

Communication System: ; Frequency:2442
Medium: HSL. Medium parameters used: f= 2442 MHz; σ = 1.76 S/m; ϵ_r =40.2

- 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 mm x 220 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 0.852 W/kg; SAR (10g) = 0.411 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) = 0.966 W/kg; SAR (10g) = 0.389 W/kg;
M2/M1 [%]=66.5
Dist 3dB Peak [mm]=5.7



DT311YA WIFI5G 802.11ac-VHT160 114CH Right side 0mm MIMO**DT311YA**

Communication System: WLAN 5GHz; Frequency: 5570.000

Medium: HSL. Medium parameters used: $f = 5570.000$ MHz; $\sigma = 4.94$ S/m; $\epsilon_r = 35.0$

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 220.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.859 W/kg; SAR (10g) = 0.212 W/kg;

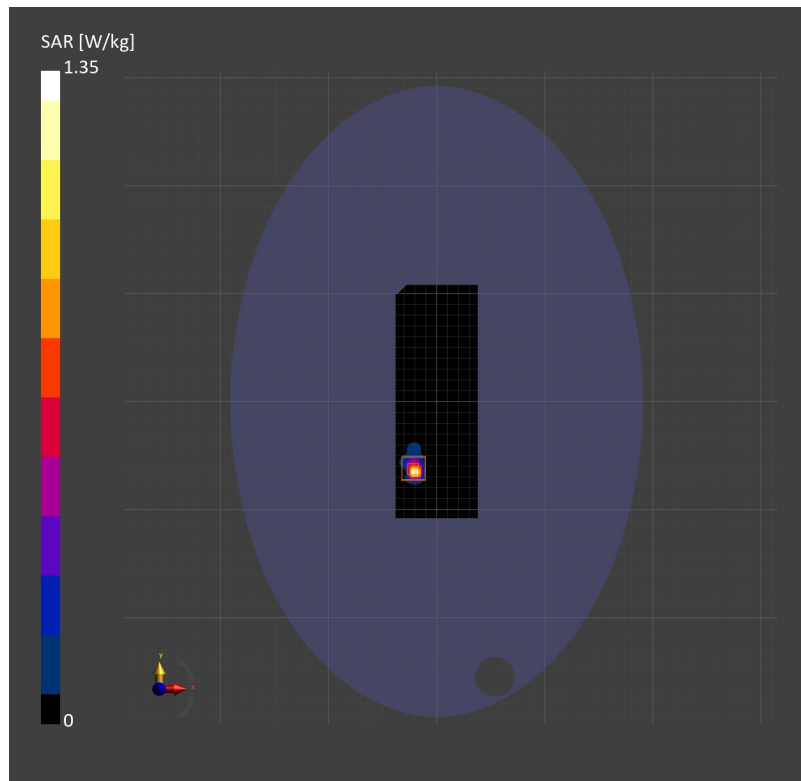
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.08 dB

SAR (1g) = 0.874 W/kg; SAR (10g) = 0.212 W/kg;

M2/M1 [%]=56.9

Dist 3dB Peak [mm]=4.4



DT311YA WIFI6e 802.11BE EHT320 95CH Right side 0mm ANT2

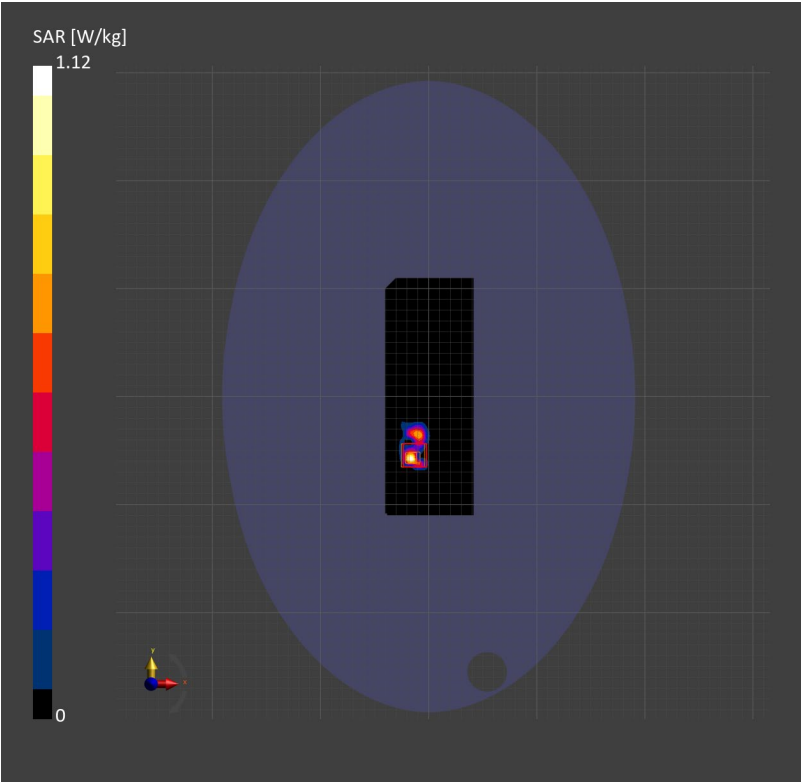
DT311YA

Communication System: U-NII-5; Frequency: 6425.000
Medium: HSL. Medium parameters used: f= 6425.000 MHz; σ = 6.18 S/m; ϵ_r = 34.5

- 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 220.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 1.0 W/kg; SAR (10g) = 0.239 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 = 0.04 dB
SAR (1g) = 0.972 W/kg; SAR (10g) = 0.231 W/kg;
M2/M1 [%]=60.3
Dist 3dB Peak [mm]=4.1



Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
DT311YA,	210.0 x 310.0 x 30.0	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-8	WLAN, 10755-AAC	6905.0, 191	1.0

Hardware Setup

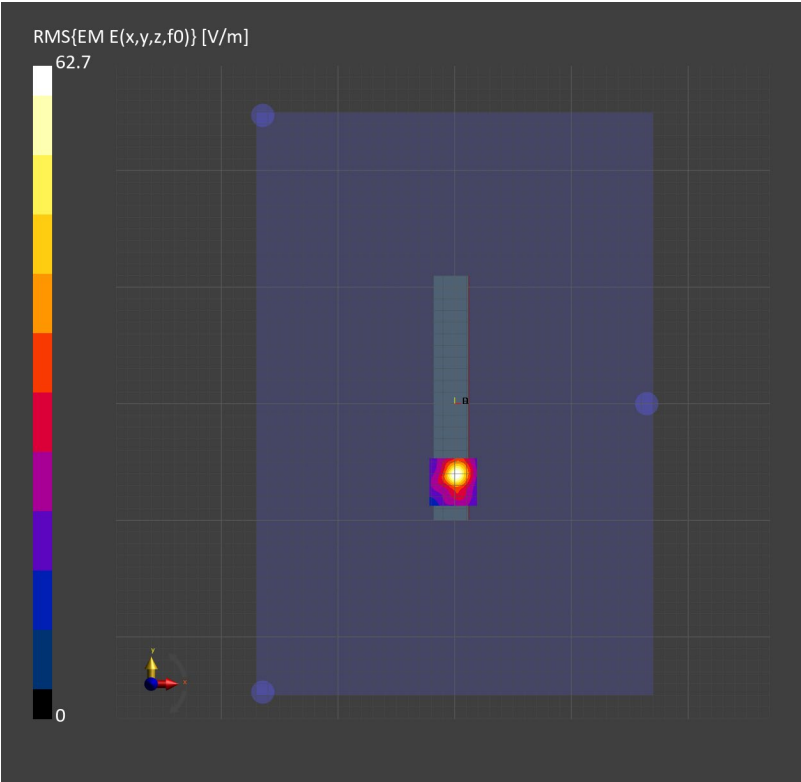
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – 1777	Air –	EUmmWV4 – SN9533_F1–55GHz, 2024–08–23	DAE4 Sn1663, 2025–04–28

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	32.00000000000003 x 21.99999999999993
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

Scan Type	5G Scan
Date	2025-06-24
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	3.23
psPDtot+ [W/m²]	4.59
psPDmod+ [W/m²]	5.23
E _{max} [V/m]	62.7
Power Drift [dB]	0.08



DT311YA Bluetooth DH5 0CH Left side 0mm

DT311YA

Communication System: ISM 2.4 GHz Band; Frequency: 2402.000
Medium: HSL. Medium parameters used: $f= 2402.000$ MHz; $\sigma= 1.72$ S/m; $\epsilon_r = 40.2$

- 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) = 0.546 W/kg; SAR (10g) = 0.245 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 = -0.13 dB
SAR (1g) = 0.637 W/kg; SAR (10g) = 0.246 W/kg;
M2/M1 [%]=70.8
Dist 3dB Peak [mm]=5.2

