

Appendix B

Detailed Test Results

1. WIFI
WIFI 2.4G
WIFI 5G
2. BT
BT



XT2549-1 WIFI 2.4G 802.11b 1CH Front side 5mm

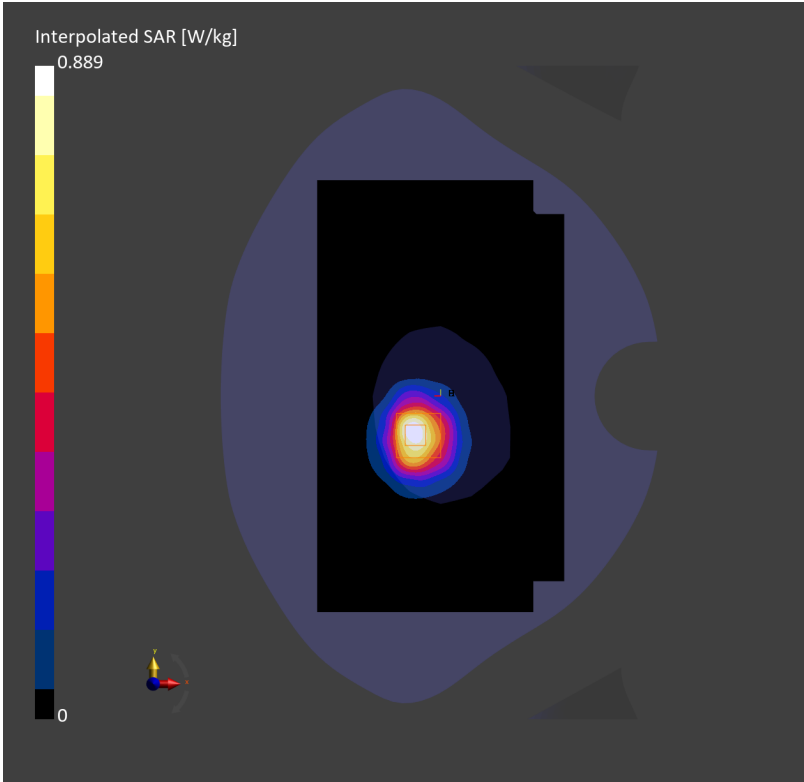
XT2549-1

Communication System: WLAN 2.4GHz; Frequency: 2412.000
Medium: HSL. Medium parameters used: f= 2412.000 MHz; σ = 1.74 S/m; ϵ_r = 39.6

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(7.85, 7.85, 7.85); Calibrated: 2025-08-26
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1830; Calibrated: 2025-11-11
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.709 W/kg; SAR (10g) = 0.354 W/kg;

Zoom Scan (35.0 mm x 35.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 4.0 mm
Power Drift = 0.06 dB
SAR (1g) = 0.779 W/kg; SAR (10g) = 0.389 W/kg;
M2/M1 [%]=59.6
Dist 3dB Peak [mm]=11.1



XT2549-1 WIFI 2.4G 802.11b 1CH Front side 0mm

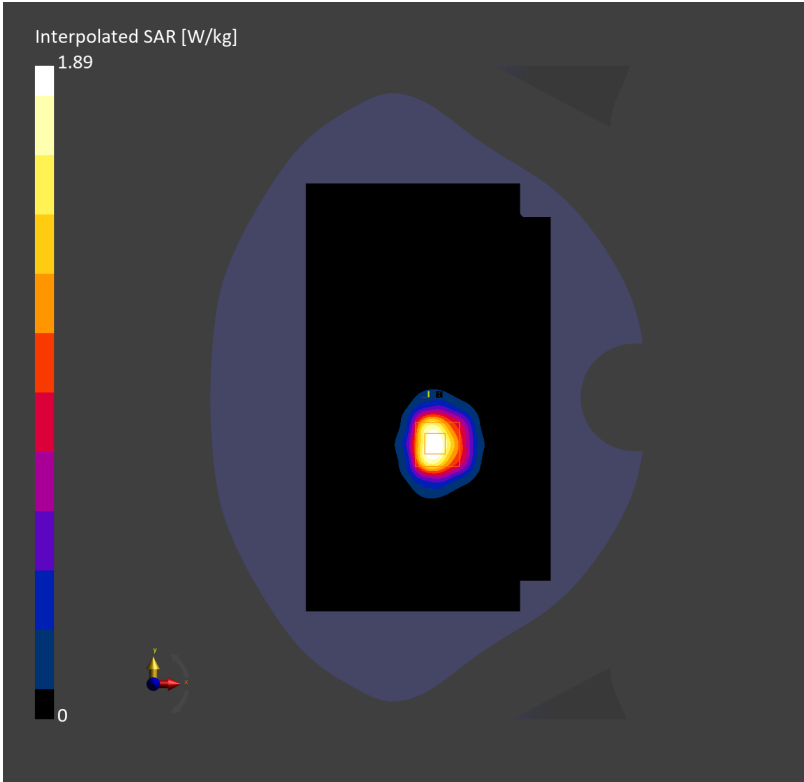
XT2549-1

Communication System: WLAN 2.4GHz; Frequency: 2412.000
Medium: HSL. Medium parameters used: f= 2412.000 MHz; σ = 1.74 S/m; ϵ_r = 39.6

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(7.85, 7.85, 7.85); Calibrated: 2025-08-26
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1830; Calibrated: 2025-11-11
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 1.58 W/kg; SAR (10g) = 0.769 W/kg;

Zoom Scan (35.0 mm x 35.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 4.0 mm
Power Drift = 0.04 dB
SAR (1g) = 1.82 W/kg; SAR (10g) = 0.850 W/kg;
M2/M1 [%]=53.2
Dist 3dB Peak [mm]=9.0



XT2549-1 WIFI 5G 802.11n HT40 62CH Front side 5mm

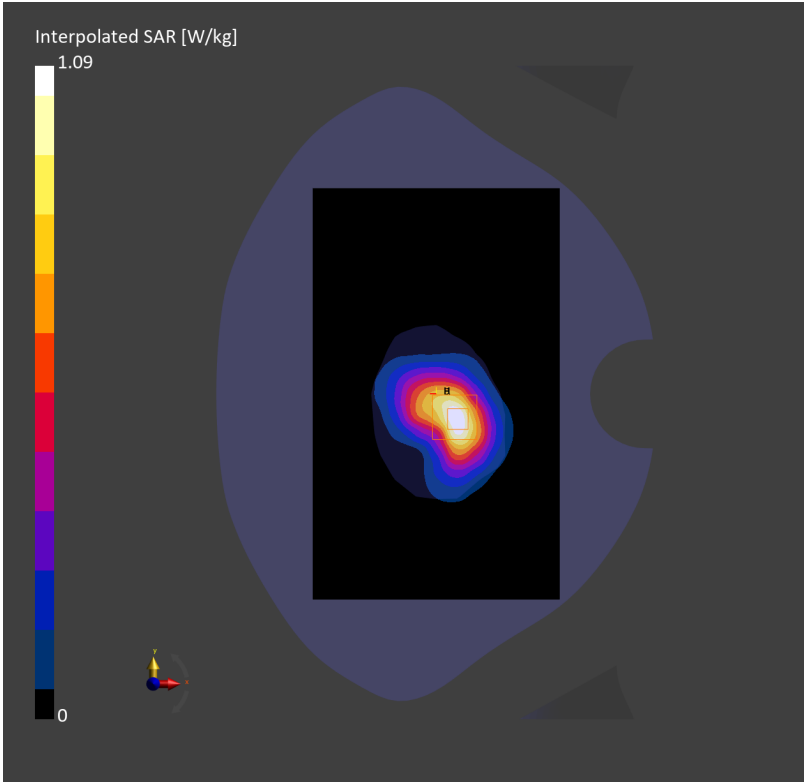
XT2549-1

Communication System: WLAN 5GHz; Frequency: 5310.000
Medium: HSL. Medium parameters used: f= 5310.000 MHz; σ = 4.74 S/m; ϵ_r = 35.4

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(5.55, 5.55, 5.55); Calibrated: 2025-08-26
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1830; Calibrated: 2025-11-11
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.795 W/kg; SAR (10g) = 0.322 W/kg;

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm
Power Drift = -0.04 dB
SAR (1g) = 0.789 W/kg; SAR (10g) = 0.317 W/kg;
M2/M1 [%]=65.3
Dist 3dB Peak [mm]=11.4



XT2549-1 WIFI 5G 802.11n HT40 62CH Front side 0mm

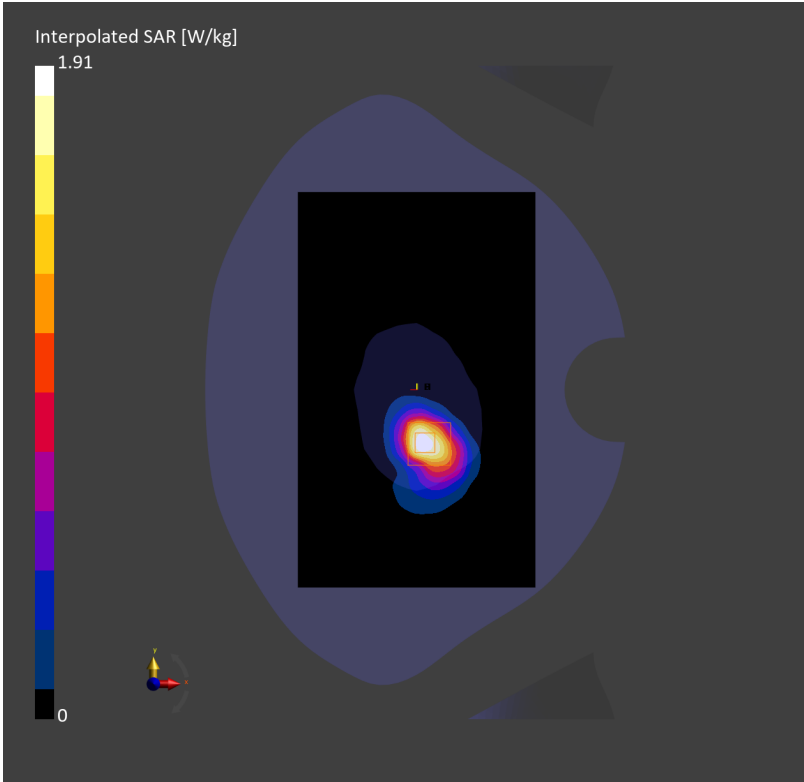
XT2549-1

Communication System: WLAN 5GHz; Frequency: 5310.000
Medium: HSL. Medium parameters used: f= 5310.000 MHz; σ = 4.74 S/m; ϵ_r = 35.4

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(5.55, 5.55, 5.55); Calibrated: 2025-08-26
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1830; Calibrated: 2025-11-11
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 1.41 W/kg; SAR (10g) = 0.532 W/kg;

Zoom Scan (24.0 mm x 24.0 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) = 1.43 W/kg; SAR (10g) = 0.507 W/kg;
M2/M1 [%]=64.0
Dist 3dB Peak [mm]=9.2



XT2549-1 Bluetooth BLE 1M 19CH Front side 5mm

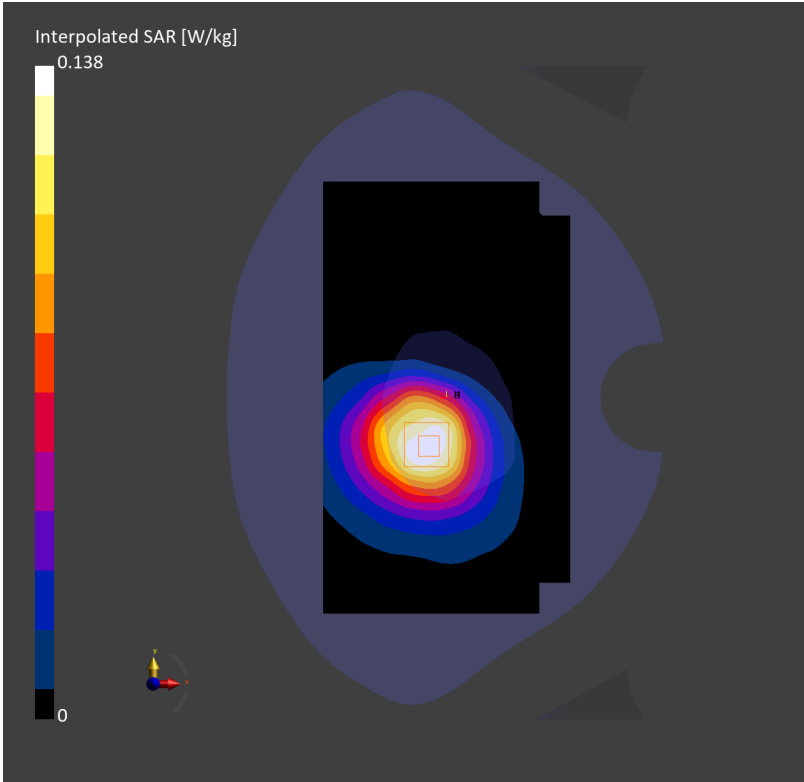
XT2549-1

Communication System: ISM 2.4 GHz Band; Frequency: 2440.000
Medium: HSL. Medium parameters used: f= 2440.000 MHz; σ = 1.77 S/m; ϵ_r = 39.5

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(7.85, 7.85, 7.85); Calibrated: 2025-08-26
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1830; Calibrated: 2025-11-11
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.114 W/kg; SAR (10g) = 0.066 W/kg;

Zoom Scan (35.0 mm x 35.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 4.0 mm
Power Drift = -0.06 dB
SAR (1g) = 0.120 W/kg; SAR (10g) = 0.071 W/kg;
M2/M1 [%]=58.9
Dist 3dB Peak [mm]=17.1



XT2549-1 Bluetooth BLE 1M 19CH Front side 0mm

XT2549-1

Communication System: ISM 2.4 GHz Band; Frequency: 2440.000
Medium: HSL. Medium parameters used: f= 2440.000 MHz; σ = 1.77 S/m; ϵ_r = 39.5

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(7.85, 7.85, 7.85); Calibrated: 2025-08-26
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1830; Calibrated: 2025-11-11
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.217 W/kg; SAR (10g) = 0.119 W/kg;

Zoom Scan (32.0 mm x 32.0 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) = 0.233 W/kg; SAR (10g) = 0.130 W/kg;
M2/M1 [%]=81.2
Dist 3dB Peak [mm]=17.1

