

APPENDIX A: SAR TEST PLOTS

FCC ID: IPH-A5126	RF EXPOSURE TEST REPORT	Approved by: Technical Manager
DUT Type: Portable Digital Transceiver	This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo. 	APPENDIX A

ELEMENT

DUT: IPH-A5126; Type: Portable Digital Transceiver; Serial: 92W000039

Communication System: UID:10415, WLAN; MAIA: Y; Frequency: 2437.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 2437.000$ MHz; $\text{cond} = 1.79$ S/m; $\text{perm} = 38.5$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/29/2026; Ambient Temp: 19.3°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7539; ConvF:(7.12,6.76,7.63); Calibrated: 2026-03-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1450; Calibrated: 2026-03-10

Phantom: Twin-SAM V8.0; Serial: 1966

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: 2.4 GHz WIFI/ IEEE 802.11b, Antenna A1, 22 MHz Bandwidth, Exp: Body| Back Side, Ch. 6, 1Mbps

Area Scan (260.0 x 140.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (40.0 x 40.0 x 31.2): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

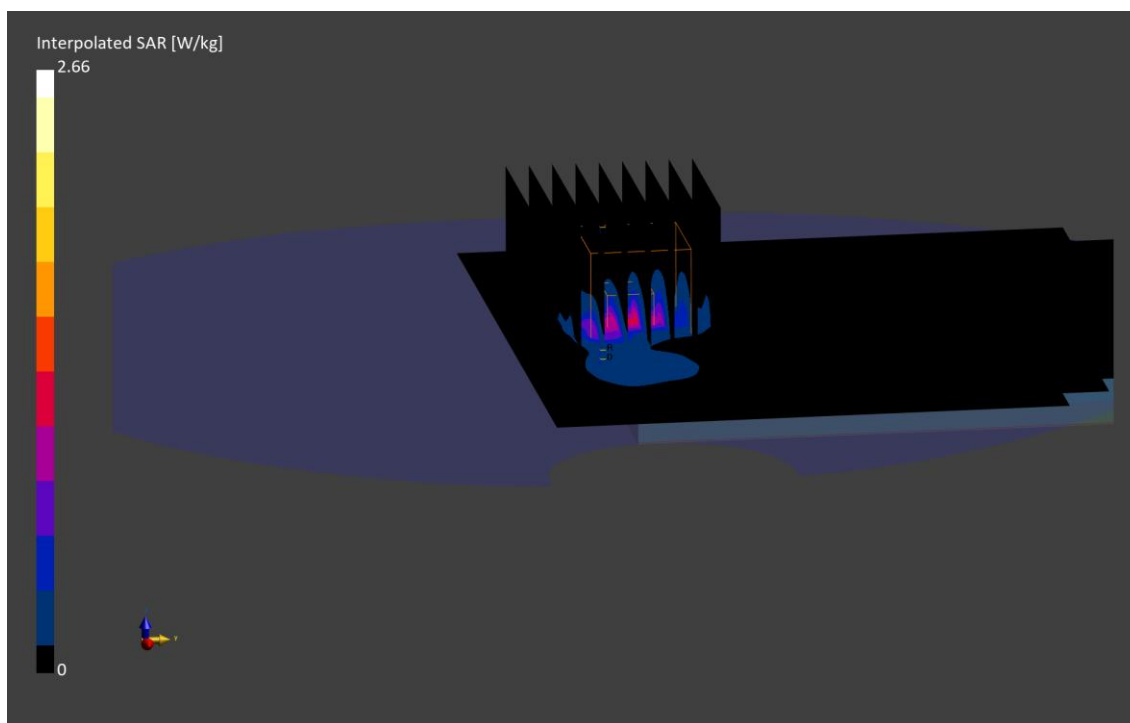
Reference Value = 0.75 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.66 W/kg

SAR(1 g) = 0.965 W/kg

Smallest distance from peaks to all points 3 dB below is 6.8 mm

Ratio of SAR at M2 to SAR at M1 = 67.4 %



ELEMENT

DUT: IPH-A5126; Type: Portable Digital Transceiver; Serial: 92V000199

Communication System: UID:10117 - AAD, WLAN; MAIA: Y; Frequency: 5230.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 5230.000$ MHz; $\text{cond} = 4.47$ S/m; $\text{perm} = 35.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/13/2026; Ambient Temp: 22.0°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN3914; ConvF:(6.02,5.45,5.48); Calibrated: 2026-05-08

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn728; Calibrated: 2026-05-07

Phantom: Twin-SAM V8.0; Serial: 2065

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: 5 GHz WIFI/ IEEE 802.11n, Antenna A2, 40 MHz Bandwidth, U-NII-1, Exp: Body|
Back Side, Ch. 46, 13.5 Mbps**

Area Scan (260.0 x 140.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (28.8 x 28.8 x 22.9): Measurement grid: $dx=3.6$ mm, $dy=3.6$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

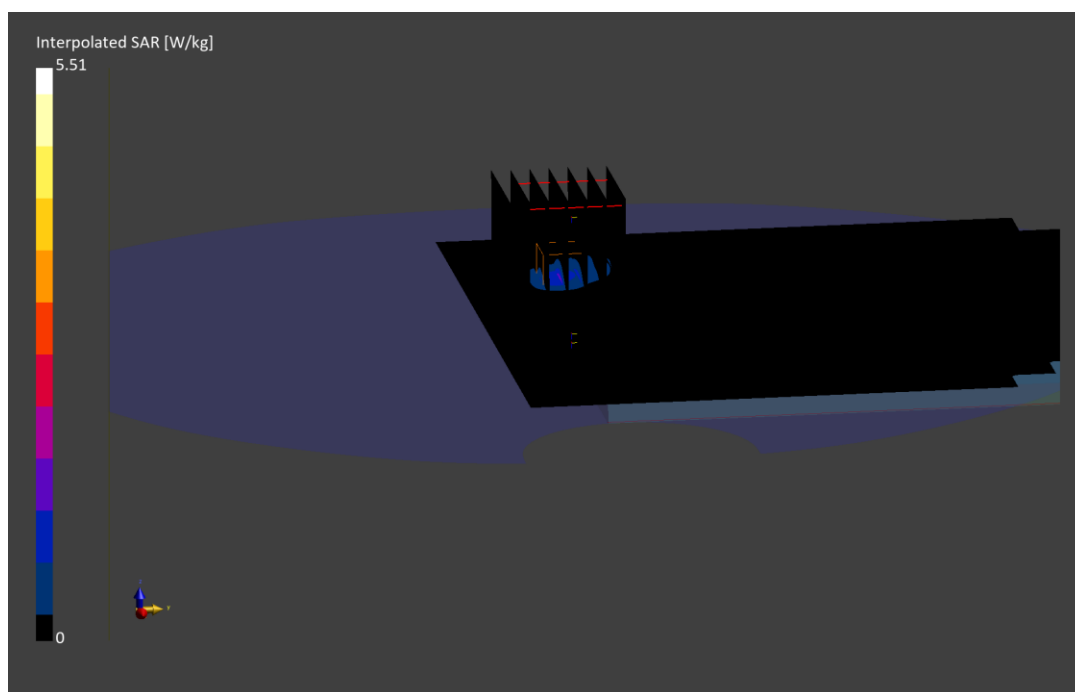
Reference Value = 1.09 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 5.51 W/kg

SAR(1 g) = 1.13 W/kg

Smallest distance from peaks to all points 3 dB below is 4.9 mm

Ratio of SAR at M2 to SAR at M1 = 60.9 %



ELEMENT

DUT: IPH-A5126; Type: Portable Digital Transceiver; Serial: 92V000199

Communication System: UID:10670 - CAA, Bluetooth; MAIA: Y; Frequency: 2440.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 2440.000 MHz; cond = 1.74 S/m; perm = 38.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/23/2026; Ambient Temp: 22.2°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7539; ConvF:(7.12,6.76,7.63); Calibrated: 2026-03-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1450; Calibrated: 2026-03-10

Phantom: Twin-SAM V8.0; Serial: 1966

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: 2.4 GHz Bluetooth LE, Antenna A1, Exp: Body| Back Side, Ch. 17, 1 Mbps

Area Scan (260.0 x 140.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (33.6 x 33.6 x 31.2): Measurement grid: dx=4.2 mm, dy=4.2 mm, dz=1.5 mm; Graded Ratio: 1.5

Reference Value = 0.09 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.348 W/kg

SAR(1 g) = 0.116 W/kg

Smallest distance from peaks to all points 3 dB below is 5.7 mm

Ratio of SAR at M2 to SAR at M1 = 63.5 %

