



Certification Exhibit

FCC ID: 2AZB26430074203061

FCC Rule Part: 47 CFR Part 2.1093

TÜV SÜD Project Number: 72167778

Manufacturer: Progda Oy Ltd
Model: Xampion BLE Sensor Module

RF Exposure

TÜV SÜD America
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100
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General Information:

Applicant: Progda Oy Ltd
Environment: General Population/Uncontrolled Exposure
Exposure Conditions: Portable

Technical Information:

Minimum Test Separation Distance: 5 mm
Highest Operating Frequency: 2480 MHz
Antenna Type: PCB Trace Antenna
Antenna Gain: -1.5 dBi
Maximum Transmitter Conducted Power: 4.75 dBm, 2.99 mW
Maximum Transmitter EIRP: 3.25 dBm, 2.11 mW

Justification for SAR Test Exclusion:**Standalone SAR Test Exclusion:**

Per KDB 447498 D01 General RF Exposure Guidance v05r02, the standalone 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

$$\left[\frac{(\text{max. power of channel, including tune-up tolerance, mW})}{(\text{min. test separation distance, mm})} \cdot \sqrt{f(\text{GHz})} \right] \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR}$$

$$= (2.99 / 5) \cdot (\sqrt{2.48}) = 0.9$$

0.9 < 3

Standalone SAR test exclusion is applied.