

Recon Dynamics

Proxlet (Model: P1-0004-00, FCC ID:YQN-B2-0014)

FCC S15.247 (i), 52.1093 & IC RSS-102 -RF Exposure

Applicable Standard

447498 D01 General RF Exposure Guidance v06, Section 4.3.1.

4.2 Evaluation Result

The maximum E.I.R.P. measured for this device was 6.12 dBm, i.e. 4.09 mW which is less than the SAR threshold of 10 mW at 2450 MHz. However, it states the following just above the table in (FCC KDB 447498 DOI Appendix A). The equation and threshold in 4.3.1 must be applied to determine SAR test exclusion.

The equation is as follows:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}]$$

The power level is 4.09 mW, the test separation distance is 5 mm, and the frequency is 2.475 GHz. The result needs to be ≤ 3.0 to qualify for SAR exemption. The result is 1.3, which would exempt this device from SAR testing.

Signed:



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