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Statement of MPE Evaluation
CFR 47 Part 1.1310

EUT   Raymarine MicroNet Puck

Product is a transmitter designed to convert NMEA sentences to Raymarine Mirconet wireless data.
There are no controls on the device

Test Frequency	0.92	GHz	
Peak Power	1.04	mW	
Duty Cycle	10	%	(actual duty cycle is 1%)
Duty Cycle	0.1		
Average Power (Pt)	0.1	mW	(average over 30 minutes)

Limit for general population (f/1500)	0.61	mW/cm2	
Limit for general population (f/1500) (Pr)	6.13	w/m2	

Pr=Pt/4*pi*r2

Pr   6.133 w/m2
Pt   0.1 mW

$$P_r = \frac{P_t}{4\pi r^2}$$

$$r = \sqrt{\frac{p_t}{4\pi p_{r\square}}}$$

$$r = \sqrt{\frac{0.0001}{4 \times \pi \times 6.1}}$$

=   0.001139 m
          1.14 mm

1.14mm is within the case of the unit and not accessable to the user.

Review completed by   Andrew Little
                          Compliance Manager
                          Raymarine UK Ltd