

PLANNING REF : 260974
PROPERTY ADDRESS : 4 Lancaster Gardens
: Earley, Reading, Berkshire
: RG6 7PA
SUBMITTED BY : Mr Ivar James
DATE SUBMITTED : 18/05/2026

COMMENTS:

I am writing this to correct some misunderstandings which have arisen in the comments of my planning application.

1. Licence

As already explained in my application, I have a Full Amateur Radio Licence which entitles me to transmit on the designated amateur bands. I can then communicate with other amateurs around the world. I have held this Licence since 1982 and which can be seen as one of my application documents.

I am not required to hold any other licence.

2. Radiation

I have fully assessed the Electro Magnetic Field (radiation) from my antenna and found it to be well below the maximum permitted. I refer to the Radio Society of Great Britain document:
<https://rsgb.org/main/files/2021/04/PAC-1-HW-Dipole-160to40m-v1.0.pdf>
Table 2. Section 1. Ground: Any excluding Sea. V angle: Any.

40m band, Tx power $\leq 100W$

minimum height Above Ground Level = 3.3m.

This is well below the height of the pole of 7m. The antenna will 'sag' at the center but I have specified that to be 5.3m AGL minimum. I will not be using the longer wavelength bands of 80m and 160m as my garden is not long enough for those. I will use the shorter wavelength bands below 40m but they have an even lower minimum height requirement than 3.3m.

This shows that the height of the antenna is important for reducing radiation to people as well as improving transmit efficiency and range.

Ivar James
G4OQJ