

**Title:**

Mr

**Forename:**

Kenneth

**Surname:**

Greenough

**Representing:**

Self

**Organisation (if applicable):****What additional details do you want to keep confidential?:**

No

**If you want part of your response kept confidential, which parts?:****Ofcom may publish a response summary:**

Yes

**I confirm that I have read the declaration:**

Yes

**Additional comments:**

my response is reference to licenced users, not LE and so Q1 to Q1.6 are not relevant. Radio amateurs

utilise these frequencies for weak signal communication and to do so requires considerable effort in the construction of suitable equipment and not insignificant costs. Unregulated [effectively] use of these frequencies will deter many from experimenting and developing further the various forms of weak signal communication methods. It is well recognised that few young people now consider a career in radio related disciplines, in fact most universities no longer include such in their available courses.

Amateur radio is an introduction to such disciplines, especially the more technical use of microwaves and new modulation methods. Anything which restricts the attraction of amateur radio [such as loss of frequencies] will ultimately contribute to Britains

complete dependence on imported radio and electronics equipment and seriously harm our economy.

**Question 1: Are there uses not covered in the market study with equipment characteristics or uses that are likely to make that use susceptible to interference from LTE? If so, please answer the following questions for each identified additional LE use in the 2400 MHz band: (Please include details of equipment manufacturer make and model, if applicable.):**

**Question 1.1: What is the type of application? :**

**Question 1.2: What is the nature of use? (i.e. how is it used? in what environment/s?):**

**Question 1.3: What is the extent of use (please give an indication of regularity of use and number of units in use in the UK and/or expected future extent of use, if applicable):**

**Question 1.4: What is the range of use? (i.e. what is the typical distance between the receiver and transmitter?):**

**Question 1.5: What are the RF characteristics of the transmitter (i.e. power levels, occupied bandwidths) and what are the relevant technical standards that this product complies with?:**

**Question 1.6: What are the RF characteristics of the receiver? (e.g. minimum sensitivity, blocking levels, adjacent channel rejection) and could these be improved if they were found to suffer interference?:**

**Question 2: Do you have further information about uses covered in the reports? If so, please answer the questions 1.1 to 1.6 as appropriate for each identified use.:**

**Question 3: Do you have any further comments in relation to the report/s?:**