

From: Gary Beech

To: Spectrum

Subject: My reponse to "Consultation on draft Direction to use 3.5 GHz band spectrum for the NBN spectrum gap"

Date: Tue 26/08/2014 7:14 PM

Hi,

My name is Gary Beech licensed amateur radio operator

Presently I am putting together an amateur radio station which will be capable of EME, this is where amateurs communicate with one another by reflecting signals off the moon.

This project is completely financed by myself, I am currently un-employed and amateur radio fills in my spare time.

This is a complicated project requiring stable low noise receivers, medium power transmitter (100 watts), 2 x computer and a 3 metre dish antenna. One computer will be used to steer the antenna and the other for digital communications.

The signals which are reflect from the moon's surface are very weak when arrive back on the Earth.

This is state of the art project and is an example of how radio amateurs are using this spectrum. To enable this project to go ahead it is required that this part of the spectrum be clear of any strong signals which may are cause interference.

The current amateurs frequency allocations

3300.0 - 3425.0 MHz

3492.5 - 3542.5 MHz

3575.0 - 3600.0 MHz

Thank you reading my justification to leave the amateur frequency allocation as its.

Regards Gary Beech