

Juice Broadband

Q1: Do you have any comments on the drafting of the Proposed Regulations?

We are a Fixed and Wireless ISP operating in rural and urban areas. We feed our towers where possible using fibre, however we have network in rural locations where fibre is not feasible. We use 5.8 ghz (5.725ghz to 5.850ghz) Band C under the FWA light license to feed some of the rural sites. We envisage that the opening up of 5.8ghz to indoor devices will ultimately mean a higher noise floor and less capacity, however this could be tolerated if the spectrum notched out of this band for TTT users 5.795-5.815 ghz was opened up to us to use under the 5.8ghz FWA license, and additional frequencies allocated for WISP / FWA backhaul only use.

Department of culture media and sport's Broadband Delivery UK are supportive of WISP's and FWA to connect the remaining percentage of population unable to get Superfast Broadband. In order for us to deliver this service reliably and at a price point that does not penalise end users, further capacity and spectrum is required; any reduction in capacity is unhelpful and a conflicting message.

Q2: Do you have any comments on the proposed technical parameters?

If 5.8 ghz is opened up for general use, it would be important to restrict this to indoor operation only, and at a power suited to indoor use, perhaps 50mw-100mw.