

**From:** [Cody Cooper](#)  
**To:** [Radio Spectrum](#)  
**Subject:** Consultation Submission - WLAN use in the 6 GHz band  
**Date:** Sunday, 20 June 2021 1:04:12 PM

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Good afternoon

Thank you for the opportunity to comment on this consultation.

My responses are as follows:

1. Yes
2. It would be desirable to have the upper band available for use in Private or Shared Access LTE / 5G networks or for use in fixed wireless access / fixed wireless broadband. Meanwhile, there is already a large portion proposed to be allocated to Wi-Fi.
3. Yes
4. No response
5. I would generally support this, but only with a view towards adopting the proposed Wi-Fi Alliance system in future once it should become available. It is desirable to have protocols that interoperate on a global scale to increase economies of scale, while also reducing the regulatory burden on radio manufacturers.
6. My primary concern would be reducing the availability of radio equipment to the New Zealand market because of this requirement. I am also concerned adopting such a system would inhibit “open-source” wifi software & developments, similarly as we have seen in the USA where some wifi radios are “locked down” to meet FCC requirements.
7. Private / Shared Access LTE & 5G networks are difficult to nearly impossible to operate in NZ due to barriers accessing spectrum. Making the upper band more widely available would greatly assist in developments in this area. It is also desirable to maintain interoperability with ultra wide band radios, while making some allowance for interference.

Kind regards

Cody Cooper