

Cambium Networks Attests the following with regards to fccid: Z8H89FT0072.

Cambium's software in the XE5-8 wifi access point maintains a list of the valid operating channels in each band and the number of operational radios in the same band. For example, if there is only one 6 GHz radio configured, the software maps all the allowed channels to the only available 6 GHz radio. If there are 2 radios configured for the 6GHz band, the channels are mapped in such a way that one radio can operate on half the channels and the second radio can operate on the remaining channels but with 160MHz of separation from the highest channel in the lower portion of the 6GHz band and the lowest channel in the higher portion of the 6GHz band. The User has no control over changing this operation as it is hardcoded in the Cambium embedded firmware.

The AP model XE5-8 has 2 radios capable of operating in 6GHz. We have left frequency gap of 160MHz between these two radios. The first 6GHz radio supports frequency from 5925-6425 while second 6GHz radio supports frequency from 6585-7125. The user has been restricted to configure each radio as per above channel distribution from our software. This ensures that two radios can never occupy the same RF channels and for optimal performance cannot be within 160MHz in frequency (center to center) of the other configured RF channel. The algorithm in our radio firmware ensures this configuration.

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Regards,



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Cambium Networks