

Source: Australian Government Legislation "Radiocommunications (Citizen Band Radio Stations) Class Licence 2015
<https://www.legislation.gov.au/Details/F2017C00476>

The below guide of UHF CB Radio 477MHz 40 channel (25kHz channel width), these frequencies can change before alteration of this document has been completed, and should only be used as a guide.

These frequencies are for Australian governed UHF CB Radio, for international UHF CB Radio frequency allocations please consult your domestic Communications Authority.

All of ZCG's range of UHF CB Radio 477MHz cover all of the below channels.

| Channel Number | Carrier Frequency (MHz) | Restriction |
|----------------|-------------------------|---|
| 1 | 476.425 | (a) Operation of a CB station must only employ F3E or G3E with a transmitter power not exceeding 5 watts pZ and with a necessary bandwidth not exceeding 16 kHz. |
| 2 | 476.450 | |
| 3 | 476.475 | |
| 4 | 467.500 | |
| 5 | 476.525 | |
| 6 | 476.550 | (b) The use of audio tones, including subaudible tones, for initiating communications with another CB station, is not authorised on channels 5 or 35. |
| 7 | 476.575 | |
| 8 | 476.600 | |
| 9 | 476.625 | (c) Communication with another CB station is not authorised on channels 1-8 and channels 31-38 within operational range of a CB repeater station. |
| 10 | 476.650 | |
| 11 | 476.675 | |
| 12 | 476.700 | |
| 13 | 476.725 | |
| 14 | 476.750 | Channel 11* utilise this channel for initial UHF CB radio checking before swapping to another CB channel to free this channel for other users. |
| 15 | 476.775 | |
| 16 | 476.800 | |
| 17 | 476.825 | Data may be transferred utilising the UHF CB Radio frequencies Channel 22 <u>476.950MHz</u> or Channel 23 <u>476.975MHz</u> |
| 18 | 476.850 | |
| 19 | 476.875 | |
| 20 | 476.900 | |
| 21 | 476.925 | <p><u>Emergency Channels are Channel 5 at 476.525MHz & 35 at 477.275MHz</u></p> <p><u>These channels are emergency channels and non-urgent traffic must be confined to other channels.</u></p> <p>Organisations voluntarily monitor the emergency channels and may assist you in contacting the appropriate service in an emergency.</p> |
| 24 | 477.000 | |
| 25 | 477.025 | |
| 26 | 477.050 | |
| 27 | 477.075 | |
| 28 | 477.100 | |
| 29 | 477.125 | |
| 30 | 477.150 | |
| 31 | 477.175 | |
| 32 | 477.200 | |
| 33 | 477.225 | |
| 34 | 477.250 | |
| 35 | 477.275 | |
| 36 | 477.300 | |
| 37 | 477.325 | |
| 38 | 477.350 | |
| 39 | 477.375 | |
| 40 | 477.400 | |

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|----------------|-------------------------|--|
| 1 | 476.425 | (a) Operation of a CB station must only employ F3E or G3E with a transmitter power not exceeding 5 watts pZ and with a necessary bandwidth not exceeding 16 kHz. (b) The use of audio tones, including subaudible tones, for initiating communications with another CB station, is not authorised on channel 35. |
| 2 | 476.450 | |
| 3 | 476.475 | |
| 4 | 467.500 | |
| 5 | 476.525 | |
| 6 | 476.550 | |
| 7 | 476.575 | |
| 8 | 476.600 | |
| 31 | 477.175 | Note Channels 1-8 are for the automatic re-transmission of radio signals from CB stations. Channels 31-38 are for the reception of radio signals from CB stations. |
| 32 | 477.200 | |
| 33 | 477.225 | |
| 34 | 477.250 | |
| 35 | 477.275 | |
| 36 | 477.300 | |
| 37 | 477.625 | |
| 38 | 477.350 | |
| 22 | 476.950 | A transmitter employed in a CB station: (a) must operate with a transmitter power not exceeding 5 watts; and (b) must not exceed an EIRP of 8.3 watts; and (c) must operate with an occupied bandwidth not exceeding 16 kHz; and (d) must not exceed a carrier frequency error of ± 3 kHz; and (e) must not exceed an adjacent channel power of -22 dBm; and (f) must not exceed a conducted spurious emission of -30 dBm; and (g) must operate on a duty cycle of not more than 10 seconds in any period of 60 minutes; and (h) must be fitted with a device that shuts the transmitter down after 3 minutes of continuous operation. A receiver employed in a CB station must operate with a conducted spurious emission not exceeding -57 dBm. Note The use of single frequency store and forward repeaters is permitted. |
| 23 | 476.975 | |