The following table is a summary presentation of cellular information for bands and systems used in New Zealand. There is a mixture of European and North American systems, and some have alternative band options or extensions, which can be confusing. As well, CDMA is used for several different systems, each having different RF parameters, so most care is needed to distinguish between systems that use CDMA.

In order to clarify what cellular system is being described, the table below consistently presents the system as prefix for cellular standard and suffix for frequency band. The table is presented in order of ascending frequency band.

<table>
<thead>
<tr>
<th>System</th>
<th>Service provider</th>
<th>Base tx band</th>
<th>Mobile tx band</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>TDMA</td>
<td>Telecom</td>
<td></td>
<td></td>
<td>Old System</td>
</tr>
<tr>
<td>CDMA2000-850</td>
<td>Telecom</td>
<td>825 – 845 MHz</td>
<td>870 – 890 MHz</td>
<td>Named T3G in NZ, CDMA2000 has 1.2288 Mcps, FDD, compatible with IS-95 mobiles, supports 1XRTT and EVDO</td>
</tr>
<tr>
<td>GSM900</td>
<td>Vodafone</td>
<td>939 – 960 MHz</td>
<td>894 – 915 MHz</td>
<td>The Crown controls the lowest 4 MHz, otherwise GSM as per ETSI standards, 200 kHz FDD channels with 8 time slots</td>
</tr>
<tr>
<td>GSM1800</td>
<td>Vodafone</td>
<td>1805 – 1880 MHz</td>
<td>1710 – 1785 MHz</td>
<td>As per ETSI standards, like an extension band for GSM900, earlier known as DCS1800, other than Vodafone have management rights</td>
</tr>
<tr>
<td>1900PCS</td>
<td>US model</td>
<td>1850-1910</td>
<td>1930-1990</td>
<td>US Only – Not NZ or Aust</td>
</tr>
<tr>
<td>UMTS2130</td>
<td>Vodafone</td>
<td>2110 – 2170 MHz</td>
<td>1920 – 1980 MHz</td>
<td>Widely known as 3G, FDD W-CDMA with 3.84 Mcps, 5 MHz channels, other than Vodafone have management rights</td>
</tr>
<tr>
<td>3GPP2070</td>
<td>Woosh</td>
<td>2053 – 2082 MHz</td>
<td>2053 – 2082 MHz</td>
<td>3GPP TDD variant of W-CDMA, 7.68 Mcps, relatively unique usage of double chip rate and frequency band</td>
</tr>
</tbody>
</table>

In New Zealand, each cellular band is divided into management rights (not shown in the summary table). There are potentially other service providers for GSM1800 and UMTS2130.