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## Research Dossier: Orange España



### Country

Spain

### Company Name

Orange Espagne, S.A.

### Ownership Type

Subsidiary

### Ownership/Controlling Entity

Orange Group

### Website

<https://www.orange.es/>

### MNC

03

## Company Overview

Dossier under construction.

### ▼ 3G UMTS Network Information

Details on UMTS network deployments are shown below. Data are often incomplete due to commercial nature. Consult dossier text for further details.

Launch Date 2006-06      Status      Active

**UMTS Band    Packet Data    Status**

[B1 \(2100 MHz\)](#)      [DC-HSPA+](#)      Active

[B8 \(1000 MHz\)](#) [HSPA+](#) [Packet Data](#) [Active](#) [Status](#)

▼ 4G LTE Network Information

Details on LTE network deployments are shown below. Data are often incomplete due to commercial nature. Consult dossier text for further details.

Evolution	<a href="#">LTE Advanced Pro (LTE-A Pro)</a>	Status	Active [Launched 2013-07]
Max. MIMO	<a href="#">4x4 MIMO</a>	Max. Modulation	<a href="#">256QAM</a>
Carrier Aggregation	<a href="#">CA_3A-7A (B3+B7)</a> <a href="#">CA_3A-20A (B3+B20)</a> <a href="#">CA_7A-20A (B7+B20)</a> <a href="#">CA_3A-7A-20A (B3+B7+B20)</a>	Features	<a href="#">VoLTE</a>

LTE Band	Channel Width	Status
<a href="#">B1 (2100 MHz)</a>	No Data	Unconfirmed
<a href="#">B3 (1800 MHz)</a>	20 MHz	Active
<a href="#">B7 (2600 MHz)</a>	20 MHz	Active
<a href="#">B20 (800 MHz)</a>	10 MHz	Active
<a href="#">B42 (3500 MHz)</a>	20 MHz	Active

▼ 5G NR Network Information

Details on 5G NR network deployments are shown below. Data are often incomplete due to commercial nature. Consult dossier text for further details.

Type	<a href="#">NR (Standard)</a>	Status	Build-Out
Max. MIMO	<a href="#">Massive MIMO</a>	Max. Modulation	<a href="#">256QAM</a>
Carrier Aggregation -		Features	-

NR Band	Channel Width	Status
<a href="#">n78 (3500 MHz)</a>	60 MHz	Build-Out

▼ IoT Network - eMTC (LTE Cat-M1)

Technology	<a href="#">eMTC (LTE Cat-M1)</a>	Status	Planned
Band	-	Launch Date	-

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