

This cell phone frequency list is provided as a reference only.

Before making a purchase or traveling abroad, we encourage customers to verify a phone's service compatibility with local cellular companies.

## Below Is Your Cell Phone Carrier by Country Name:



Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
AWCC	900 / 1800	-	-
Etisalat	900 / 1800	2100	-
MTN	900 / 1800	2100	-
Roshan (telco)	900	-	-



Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Telekom Albania (AMC)	900 / 1800	2100	<b>3 / 7</b>
Albtelecom	900 / 1800	2100	<b>3 / 7</b>
Plus	900 / 1800	2100	-
Vodafone Albania	900 / 1800	2100	<b>3 / 7</b>

## Algeria

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Djezzy	900 / 1800	2100	-
Mobilis/Algerie Telecom	900 / 1800	2100	-
Ooredoo (Nedjma)	900 / 1800	2100	-

## American Samoa

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Blue Sky Communications	850	-	-

## Andorra

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
STA (Andorra Telecom)	900 / 1800	2100	<b>20</b>

## Angola

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Movicel (Movicel Telecomunicacoes, S.A.)	900 / 1800	2100	3
Unitel (Unitel S.A.)	900 / 1800	2100	1

## Anguilla

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Digicel	850 / 1900	900 / 1900	-
LIME (Cable & Wireless)	850 / 1900	2100	-
Weblinks	850 / 1900	-	-

## Antarctica - Macquarie Island

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Range Mobile	900	-	-

## Antarctica - Marambio Base

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Claro	850 / 1900	-	-
Movistar	850 / 1900	-	-

## Antigua and Barbuda

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
APUA	850 / 1900	-	-
Digicel	900	2100	17
LIME (Cable & Wireless)	850 / 1900	850	4

## Argentina

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Claro	850 / 1900	850 / 1900	<b>4</b>
Movistar	850 / 1900	1900	<b>4 / 28</b>
Personal (Telecom Argentina)	1900	1900	<b>4 / 7 / 28</b>

## Armenia

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Beeline	900 / 1800	2100	<b>3 / 8</b>
MTS (VivaCell)	900 / 1800	2100	<b>7</b>
Ucom	900 / 1800	900 / 2100	<b>3 / 7 / 20</b>

## Aruba

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Digicel	900 / 1800	2100	-
Setar	900 / 1800	2100	3

## Australia

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Optus	900	900 / 2100	<b>3 / 7 / 28 / 40</b>
Telstra	900	850 / 2100	<b>3 / 7 / 28</b>
Vodafone (VHA / Hutchison)	900	850 / 900 / 2100	1 / <b>3 / 5</b>

## Austria

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
3 (Hutchison)	900 / 1800	2100	1 / <b>3 / 7 / 8</b>
A1	900 / 1800	2100	<b>7 / 20</b>
T-Mobile	900 / 1800	2100	3 / <b>7 / 20</b>

## Azerbaijan

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Azercell	900	2100	<b>3</b>
Bakcell	900	2100	<b>3</b>
Nar Mobile	1800	2100	<b>3</b>

## Bahamas

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
BTC (LIME / Cable & Wireless)	1900	850	17

## Bahrain

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Batelco	900	2100	3
Viva	900 / 1800	2100	3
Zain	900 / 1800	2100	3

## Bangladesh

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Airtel	1800	-	-
Banglalink (Sheba Telecom)	900	-	-
Grameephone (Telenor)	900 / 1800	2100	-
Robi (Axiata)	900 / 1800	-	-
Teletalk	900 / 1800	2100	-

## Barbados

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Digicel	900 / 1800	2100	-
LIME (Cable & Wireless)	900 / 1800	2100	-

## Belarus

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Life :)	900 / 1800	2100	<b>3 / 7</b>
MTS (Mobile TeleSystems)	900 / 1800	2100	<b>3 / 7</b>
Velcom	900 / 1800	2100	-

## Belgium

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
BASE	900 / 1800	2100	<b>3 / 28</b>
Orange	900 / 1800	900 / 2100	<b>3 / 20</b>
Proximus	900 / 1800	900 / 2100	<b>3 / 7 / 20</b>

## Belize

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Digicel	1900	850	<b>2 / 17</b>

## Benin

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
BBcom	900 / 1800	-	-
Glo (Globacom)	900 / 1800	-	-
Libercom	900	-	-
Moov (Etisalat)	900	2100	-
MTN	900 / 1800	-	-

## Bermuda

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
CellularOne	1900	850	-
Digicel	1900	850	-

## Bhutan

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Bhutan Telecom / B-Mobile	900	2100	3
TashiCell	900 / 1800	-	-

## Bolivia

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Entel Bolivia	1900	-	<b>13</b>
Tigo	850	850	<b>17</b>
Viva (NuevaTel PCS)	1900	850	<b>4</b>

## Bonaire

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Chippie (UTS)	1900	-	-
Digicel	900 / 1800	-	-

## Bosnia and Herzegovina

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
BH Mobile	900	2100	-
HT ERONET	900	2100	-
m:tel BH	900 / 1800	2100	-

## Botswana

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Be Mobile (BTC)	900 / 1800	-	-
Mascom (MTN)	900	2100	-
Orange	900	2100	-

## Brazil

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Claro	900 / 1800	850 / 2100	3 / <b>7 / 28</b>
Algar Telecom (CTBC)	900 / 1800	2100	3 / <b>28</b>
Nextel (NII)	-	2100	<b>3</b>
Oi	1800	2100	3 / <b>7</b>
Sercomtel	900 / 1800	850	-
TIM	900 / 1800	2100	3 / <b>7 / 28</b>
Vivo	900 / 1800	850 / 2100	3 / <b>7</b>

## Brunei

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
B-Mobile	-	2100	-
DSTCom	900	2100	3

## Bulgaria

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Telenor (Globul)	900 / 1800	2100	<b>3</b>
M-Tel	900 / 1800	2100	<b>1 / 3</b>
Vivacom	900 / 1800	900 / 2100	<b>3</b>

## Burkina Faso

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Airtel Burkina Faso	900	2100	-
Telecel Faso	900	-	-
Telmob (Onatel)	900	2100	-

## Burundi

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Econet (Spacotel)	900 / 1800	-	-
Lacell (Smart Mobile)	1800	-	-
Leo (U-Com)	900	-	-
ONAMOB	900	-	-
Tempo (Safaris/Africell)	900	-	-

## Cambodia

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Beeline (Sotelco)	900 / 1800	-	-
Cellcard (Mobitel)	900	2100	-
Hello (Telekom Malaysia)	900 / 1800	2100	-
Metfone (Viettel)	900 / 1800	-	-
qb	1800	2100	-
Smart Mobile (Latelz Co)	900 / 1800	2100	-

## Cameroon

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
MTN	900	-	-
Orange	900	-	-
Nexttel	900 / 1800	Check with carrier	-

## Canada

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Bell	<b>CDMA</b>	850 / 1900	2 / <b>4</b> / <b>7</b> / <b>12</b> / 26 / 42
Freedom (MTS)	-	850 / 1900	<b>4</b> / 66
Rogers Wireless	850 / 1900	850 / 1900	<b>4</b> / <b>7</b> / <b>12</b>
Sask Tel	-	850 / 1900	<b>4</b> / <b>38</b>
Telus Mobility	-	850 / 1900	<b>4</b> / 7 / 29 / <b>40</b> / 42

## Cape Verde

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
CV Móvel	900 / 1800	2100	-
T-MAIS (Unitel T+ Telecomunicacoes)	900 / 1800	2100	-

## Cayman Islands

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Digicel Cayman	900 / 1800	2100	3
LIME (Cable & Wireless)	850 / 1900	-	17

## Central African Republic

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Moov (AtlantiqueTelecom Centrafrique)	900 / 1800	-	-
Nationlink (Bintel)	900	-	-
Orange	1800	-	-
Telecel Centrafrique	900	-	-

## Chad

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Airtel Chad	900	2100	-
Tigo (Millicom)	900 / 1800	-	-

## Chile

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Claro	1900	850 / 1900	<b>7 / 28</b>
Entel	1900	1900	<b>7 / 28</b>
Movistar	1900	850	<b>7 / 28</b>
WOM (Nextel)	-	1700	<b>4</b>

## China

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
China Mobile	900 / 1800	-	38 / <b>39 / 40</b> / 41
China Unicom	900 / 1800	2100	<b>40 / 41</b>

## Colombia

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Avantel	850 / 1900	1900	<b>4</b>
Claro	850	850	<b>7</b>
Movistar	850	850 / 1900	<b>4</b>
Tigo	1900	1900	<b>4 / 7</b>

## Comoros

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Comores Telecom (Comtel)	900	-	-
Comoro Gulf Holding	900 / 1800	-	-

## Congo, Democratic Republic of the

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Africell (Lintel)	900 / 1800	-	-
Airtel (Bharti Airtel)	900	2100	-
Orange RDC	900	2100	-
Supercell	900	-	-
Tigo (Millicom)	900 / 1800	-	-
Vodacom	900 / 1800	-	-

## Congo, Republic of the

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Airtel	900	2100	-
Equateur Telecom Congo (ETC)	900 / 1800	-	-
MTN Congo	900	-	-
Warid	900	-	-

## Cook Islands

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Telecom	900	-	-

## Costa Rica

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Claro	1800	2100	<b>3</b>
Kölbi (ICE)	1800	850	<b>7</b>
Movistar	1800	850 / 2100	<b>3</b>

## Côte d'Ivoire (Ivory Coast)

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Comium (KoZ)	900 / 1800	-	-
GreenN	900 / 1800	-	-
Mobile Café	900 / 1800	-	-
Moov (Atlantique Cellulaire)	900 / 1800	900	-
MTN	900	2100	-
Orange	900	1900 / 2100	-

## Croatia

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Hrvatski Telekom (T-Mobile)	900	2100	3 / 20
Tele2	900 / 1800	900 / 2100	-
VIPnet	900	2100	3 / 20

## Cuba

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Cubacel	900	-	-

## Curaçao

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Chippie	900 / 1800	2100	-
Digicel	850 / 1900	-	-
MIO	850 / 1900	-	-

## Cyprus

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Cyta Mobile (Vodafone)	900 / 1800	2100	-
MTN	900 / 1800	2100	3

## Czech Republic

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
O2	900 / 1800	2100	3 / 7 / 20
T-Mobile	900 / 1800	2100	3 / 20
Vodafone	900 / 1800	2100	1 / 3 / 8 / 20

## Denmark

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
3 (Hutchison)	-	900 / 2100	<b>3 / 7</b>
TDC Mobil	900 / 1800	2100	<b>3 / 7 / 20</b>
Telenor	900 / 1800	2100	<b>3 / 7 / 20</b>
Telia	900 / 1800	2100	<b>3 / 7 / 20</b>

## Diego Garcia

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
FonePlus Cellular	900	-	-

## Djibouti

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Djibouti Telecom (Evatis)	900	Check with carrier	-

## Dominica

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Digicel	900	2100	-
LIME	850 / 1900	-	4

## Dominican Republic

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Claro	850 / 1900	850	4
Orange	900 / 1800	900	3
Viva	900 / 1800	-	-

## Ecuador

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Claro	850	850 / 1900	<b>4</b>
CNT	1900	-	<b>4</b>
Movistar	850	850 / 1900	<b>2</b>

## Egypt

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Etisalat	900 / 1800	2100	-
Orange	900	2100	<b>3</b>
Vodafone	900	2100	<b>3</b>

## El Salvador

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Claro	850	1900	-
Digicel	900	900	-
Movistar	850	850 / 1900	<b>2</b>
Tigo	850 / 1900	850	<b>5</b>

## Equatorial Guinea

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Hits	900 / 1800	-	-
Orange (GETESA)	900	-	-

## Eritrea

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Eritel	900	-	-

## Estonia

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Elisa	900 / 1800	900 / 2100	3 / 7 / 20
EMT	900 / 1800	900 / 2100	3 / 7 / 20
Tele2	900 / 1800	900 / 2100	3 / 7

## Ethiopia

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Ethio Telecom (ETHMTN)	900	2100	Check with carrier

## Falkland Islands

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Sure (Touch)	900	-	-

## Faroe Islands

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Føroya Tele	900	900 / 2100	-
Vodafone (Kall)	900	2100	-

## Fiji

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Digicel	900	900	-
Vodafone Fiji	900	2100	3

## Finland

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Ålcom	900	2100	3
DNA	900 / 1800	900 / 2100	1 / 3 / 7 / 20 / 28
Elisa	900 / 1800	900 / 2100	3 / 7 / 20
TeliaSonera	900 / 1800	900 / 2100	3 / 7 / 20

## France

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Bouygues Telecom	900 / 1800	900 / 2100	1 / <b>3 / 7 / 20</b> / 28
Free	-	900 / 2100	<b>3 / 7 / 28</b>
Orange	900 / 1800	900 / 2100	3 / <b>7 / 20</b>
SFR	900 / 1800	900 / 2100	1 / 3 / <b>7 / 20</b>

## French Guiana

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Digicel	900 / 1800	2100	-
Orange	900	2100	-
Outremer Telecom (Only)	900 / 1800	2100	-

## French Polynesia

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Digicel Tahiti	900 / 1800	-	-
Mara Telecom	900 / 1800	2100	-
Pacific Mobile Telecom (PMT / Vodafone)	900 / 1800	-	-
Vini (Tikiphone)	900	2100	-

## Gabon

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Airtel (Celtel)	900	2100	-
Azur	900	-	-
Libertis	900	-	-
Moov (Atlantique Cellulaire)	900	-	-

## Gambia

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Africell (Lintel)	900 / 1800	-	-
Comium	900 / 1800	-	-
Gamcell	900	-	-
Qcell	900	2100	-

## Georgia

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Beeline	900 / 1800	-	-
Geocell	900 / 1800	2100	3
Magticom	900 / 1800	2100	3

## Germany

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
O2	900 / 1800	2100	3 / <b>7</b> / <b>20</b>
T-Mobile (Telekom)	900 / 1800	2100	<b>3</b> / <b>7</b> / <b>8</b> / <b>20</b>
Vodafone	900 / 1800	2100	1 / 3 / <b>7</b> / <b>20</b>

## Ghana

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Airtel Ghana	900	2100	-
Glo	900 / 1800	-	-
MTN	900 / 1800	900 / 2100	-
Tigo	900	2100	-
Vodafone	900	2100	-

## Gibraltar

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Gibtel	900 / 1800	2100	-
Shine	900 / 1800	2100	-

## Greece

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Cosmote	900 / 1800	2100	<b>3 / 7 / 20</b>
Vodafone	900 / 1800	2100	<b>3 / 7</b>
Wind	900 / 1800	2100	<b>3</b>

## Greenland

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
TELE Greenland	900	900	20

## Grenada

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Digicel	900 / 1800	-	-
LIME (Cable & Wireless)	850	-	-

## Guadeloupe

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Digicel	900	2100	-
Orange	900	2100	-
Outremer Telecom (Only)	900	2100	-

## Guam

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Docomo Pacific (Guamcell)	1900	850	17
IT&E (PTI Pacifica)	1900	1900	12

## Guatemala

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Claro	900 / 1900	1900	-
Digicel	900	-	-
Movistar	1900	1900	<b>2</b>
Tigo	850	850	<b>5</b>

## Guernsey

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Airtel (Vodafone)	1800	2100	-
Jersey Telecom (Wave)	1800	2100	-
Sure Mobile	900	2100	-

## Guinea

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Areeba (MTN)	900 / 1800	2100	-
Cellcom	900 / 1800	-	-
Intercell (Telecel)	900	-	-
Orange	900 / 1800	2100	-
Sotelgui Guinea	900	-	-

## Guinea-Bissau

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Guinetel	900	-	-
MTN Bissau	900 / 1800	-	-
Orange	900 / 1800	-	-

## Guyana

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Cellink Plus	900	-	-
CelStar	900	-	-
Digicel (U-Mobile)	900	-	-

## Haiti

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Digicel	900	2100	-
Natcom	850	-	-
Voila (Comcel)	850	-	-

## Honduras

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Claro	1900	1900	<b>4</b>
Digicel	Check with carrier	-	-
Tegucel Sulacel Ceibacel (Hondutel)	1900	-	-
Tigo	850	850	<b>4</b>

## Hong Kong

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
3 (Hutchison)	900 / 1800	900 / 2100	7
China Mobile Hong Kong	1800	-	3 / 7 / 40
CSL	900 / 1800	900 / 2100	3 / 7
PCCW (Hong Kong Telecom)	900 / 1800	2100	3
SmarTone	900 / 1800	850 / 2100	3

## Hungary

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Telenor	900 / 1800	2100	3
T-Mobile (Magyar Telekom)	900 / 1800	2100	3 / 7 / 20
Vodafone	900 / 1800	900 / 2100	-

## Iceland

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
IceCell	1800	-	-
Nova	-	2100	3
Síminn	900 / 1800	900 / 2100	3
Viking Wireless (IMC)	900 / 1800	-	-
Vodafone	900 / 1800	2100	3 / 20

## India

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Aircel (Maxis)	900 / 1800	2100	-
Bharti Airtel	900 / 1800	2100	40
BSNL Mobile	900 / 1800	2100	-
Idea Cellular	900 / 1800	2100	-
MTNL DOLPHIN	900	2100	-
Reliance Communications	900 / 1800	2100	-
Tata DoCoMo	1800	2100	-
Uninor (Telenor)	1800	-	-
Videocon	1800	-	-
Vodafone	900 / 1800	2100	-

## Indonesia

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
3 (Hutchison)	1800	2100	-
Indosat (ooredoo)	900 / 1800	2100	-
Telkomsel	900 / 1800	2100	8
XL Axiata (Axis)	900 / 1800	2100	3

## Iran

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
MTN Irancell	900 / 1800	2100	<b>3 / 7 / 42</b>
RighTel	900 / 1800	2100	<b>3</b>
Hamrah-e-Avval (MCI)	900 / 1800	2100	<b>7</b>

## Iraq

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Asia Cell	900	-	-
Korek	900	-	-
Mobitel	-	2100	-
Zain	900	-	-

## Ireland

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
3 (Hutchison)	-	2100	<b>3 / 20</b>
Eir	900 / 1800	2100	<b>3 / 20</b>
Vodafone	900 / 1800	2100	<b>3 / 20</b>

## Isle of Man

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Manx Telecom	900	2100	3

Sure Mobile

900 / 1800

2100

-

## Israel

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Cellcom	1800	850 / 2100	<b>3</b>
Golan Telecom	-	2100	<b>3</b>
Hot Mobile	-	2100	-
Orange	900 / 1800	900 / 2100	<b>3 / 7</b>
Pelephone	-	850 / 2100	<b>3</b>

## Italy

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
TIM	900 / 1800	2100	<b>3 / 7 / 20 / 38</b>
Vodafone	900 / 1800	2100	<b>3 / 7 / 20 / 38</b>
Wind Tre	900 / 1800	2100	<b>3 / 7 / 20</b>

## Jamaica

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Claro	850 / 1900	850	-
Digicel	900 / 1800	2100	-
LIME (Cable & Wireless)	850 / 1900	1900	-

## Japan

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
SoftBank	-	900 / 1700 / 2100	<b>1 / 3 / 8 / 11</b> / 28 / <b>41</b> / 42
NTT docomo	-	800 / 1700 / 2100	<b>1 / 3 / 19 /</b> <b>21</b> / 28 / 42

## Jersey

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Airtel (Vodafone)	900 / 1800	2100	-
Jersey Telecom	900 / 1800	2100	-
Sure Mobile	900 / 1800	2100	-

## Jordan

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Orange Jordan	900	2100	-
Umniah	1800	2100	-
Zain	900	2100	3

## Kazakhstan

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Beeline	900	2100	-
KazakhTelecom (Altel)	900	2100	3
K-Cell	900	2100	-
Tele2	900	Check with carrier	-

## Kenya

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Airtel Kenya	900	2100	-
Orange KE	900 / 1800	2100	-
Safaricom	900 / 1800	2100	-
Yu (Essar Telecom Kenya)	900 / 1800	-	-

## Kiribati

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
TSKL	900	850	12

## Kosovo

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
D3	900 / 1800	-	-
IPKO	900	900 / 2100	-
Vala	900	2100	-
Z Mobile	900 / 1800	-	-

## Kuwait

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Viva	900 / 1800	2100	3
Ooredoo (Wataniya)	900 / 1800	2100	3
Zain	900 / 1800	2100	3

## Kyrgyzstan

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Beeline	900 / 1800	2100	-
MegaCom	900 / 1800	2100	-
O!	900 / 1800	2100	7

## Laos

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Beeline	900 / 1800	2100	-
ETL	900 / 1800	2100	-
LaoTelecom (M-Phone)	900 / 1800	2100	-
Unitel (StarTelcom)	900 / 1800	2100	-

## Latvia

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Bité	900 / 1800	2100	7
LMT	900 / 1800	2100	3
Tele2	900 / 1800	2100	7

## Lebanon

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Alfa	900	2100	3
Touch	900	2100	3

## Lesotho

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Econet	900	-	-
Vodacom	900	2100	20

## Liberia

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Atlantic (LiberCell)	900 / 1800	-	-
Cellcom	900 / 1800	2100	-
Lonestar (MTN)	900	-	-
Novafone (Comium)	900	2100	-

## Libya

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Al Madar	900 / 1800	-	-
Libyana/Free Libyana	900	2100	-

## Liechtenstein

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Mobilkom (FL1)	900 / 1800	2100	-
Orange	900 / 1800	2100	3
Swisscom	900 / 1800	2100	3 / 7

## Lithuania

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Bitė	900 / 1800	2100	3 / 7 / 20
Omnitel	900	2100	3 / 20
Tele2	900 / 1800	2100	3 / 7 / 20

## Luxembourg

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Orange	1800	2100	3
POST (LuxGSM)	900 / 1800	2100	3
Tango	900 / 1800	2100	3

## Macau

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
3 (Hutchison)	900 / 1800	2100	-
CTM	900 / 1800	2100	-
SmarTone	900 / 1800	2100	-

## Macedonia

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
One (Cosmofon)	900	2100	3 / 20
T-Mobile (Mobimak)	900	2100	3 / 20
VIP	900 / 1800	2100	3 / 20

## Madagascar

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Airtel (Madacom)	900	2100	-
Orange	900	2100	-
Telma Mobile	900	2100	-

## Malawi

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Airtel Malawi	900	2100	-
TNM	900 / 1800	-	-

## Malaysia

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Celcom (Axiata)	900 / 1800	2100	3 / 7
DiGi	900 / 1800	2100	7
Maxis	900 / 1800	900 / 2100	3 / 7
U Mobile	900 / 1800	2100	7

## Maldives

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Dhiraagu	900	2100	-
Wataniya Maldives (ooredoo)	900	2100	7

## Mali

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Malitel (Sotelma)	900	-	-
Orange (Ikatel)	900	2100	-

## Malta

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
GO	1800	2100	-
Melita Mobile	-	2100	-
Vodafone	900	2100	3

## Martinique

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Digicel	900 / 1800	2100	-
Orange	900 / 1800	2100	-
Outremer Telecom (Only)	900 / 1800	2100	-

## Mauritania

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Mattel	900	-	-
Mauritel	900	-	-

## Mauritius

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Emtel	900	2100	3
MTML (Cellplus)	-	2100	-
Orange	900	2100	3

## Mayotte

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
SRR Reunion	900 / 1800	2100	-

## Mexico

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
AT&T	850 / 1900	850 / 1900	4
Movistar	1900	850 / 1900	2
Telcel	1900	850 / 1900	4

## Micronesia

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
FSM Telecom	900	-	-

## Moldova

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Moldcell	900	2100	7
Orange	900 / 1800	2100	7
Unité	-	2100	-

## Monaco

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Monaco Telecom	900 / 1800	2100	7 / 20

## Mongolia

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Mobicom	900 / 1800	2100	-
Skytel	-	2100	-
Unitel	900	2100	-

## Montenegro

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
m:tel (Telekom Srbija)	900 / 1800	2100	-
Telenor (Promonte)	900 / 1800	2100	7
T-Mobile (Monet)	900 / 1800	2100	3 / 7

## Montserrat

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
LIME (Cable & Wireless)	850	-	-

## Morocco

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
IAM (Maroc Telecom)	900	2100	-
Inwi	900	2100	-
Méditel	900	2100	-

## Mozambique

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
mCel	900 / 1800	2100	-
Movitel	900 / 1800	-	-
Vodacom	900 / 1800	-	-

## Myanmar

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
MPT	900	2100	-
Ooredoo	-	900 / 2100	-

## Namibia

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Leo (TN Mobile/Powercom)	900 / 1800	2100	3
MTC	900 / 1800	2100	3

## Nauru

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Digicel	900	-	-

## Nepal

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Ncell	900 / 1800	2100	-
Nepal Telecom	900	2100	-
Smart Cell (Smart Telecom)	900 / 1800	-	-

## Netherlands

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
KPN	900 / 1800	900 / 2100	<b>3 / 7 / 20</b>
T-Mobile	900 / 1800	900 / 2100	1 / <b>3 / 8</b> / 38
Vodafone	900 / 1800	2100	<b>3 / 7 / 20</b>

## New Caledonia

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
OPT (Mobilis)	900	-	-

## New Zealand

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
2degrees	900 / 1800	900 / 2100	-
Telecom New Zealand	-	850 / 2100	3
Vodafone	900 / 1800	900 / 2100	3

## Nicaragua

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Claro (Enitel)	1900	850	<b>4</b>
Movistar	850	850 / 1900	<b>2</b>

## Niger

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Airtel	900	-	-
Moov	900	-	-
Orange	900 / 1800	2100	-
Sonitel (SahelCom)	900	-	-

## Nigeria

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Airtel	900 / 1800	2100	-
9mobile	900 / 1800	2100	<b>3</b>
Glo Mobile	900 / 1800	2100	<b>28</b>
ntel	-	-	<b>3 / 8</b>
MTN	900 / 1800	2100	<b>7 / 42</b>

## Niue

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Telecom Niue	900 / 1800	-	-

## Norfolk Island

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Norfolk Telecom	900 / 1800	-	-

## North Korea

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Koryolink	-	2100	-

## Northern Marianas Islands

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Docomo Pacific	1900	-	-

## Norway

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Telia	900 / 1800	900 / 2100	<b>3 / 7 / 20</b>
Telenor	900 / 1800	900 / 2100	<b>3 / 7 / 20</b>

## Oman

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Friendimobile	900	2100	-
Ooredoo (Nawras)	900	2100	3
Oman Mobile (Omantel)	900	2100	3 / 40
Renna	900	2100	-

## Pakistan

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Mobilink	900 / 1800	2100	-
Telenor	900 / 1800	2100	-
Ufone	900 / 1800	2100	-
Warid	900 / 1800	2100	3
Zong	900 / 1800	2100	3

## Palau

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Palau Mobile	900 / 1800	-	-
PNCC	900	900	-

## Panama

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Cable & Wireless (Móvil)	850	850	<b>28</b>
Claro	1900	1900	<b>2 / 28</b>
Digicel	1800 / 1900	1900	-
Movistar	850	850 / 1900	<b>28</b>

## Papua New Guinea

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Be Mobile (bmobile)	900	-	-
Digicel PNG	900	900	28

## Paraguay

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Claro	1900	1900	<b>4</b>
Personal (Telecom Argentina)	850	850 / 1900	<b>2</b>
Tigo	850 / 1900	850	<b>4</b>
VOX	850 / 1900	900	<b>4</b>

## Peru

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Claro	1900	850 / 1900	<b>2 / 28 / 42</b>
Entel	-	1900	<b>4 / 40</b>
Movistar	850	850	<b>4 / 28</b>

## Philippines

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Globe Telecom	900 / 1800	900 / 2100	3
Smart	900 / 1800	850 / 2100	1

## Poland

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
AERO2 / Plus	900 / 1800	900 / 2100	1 / <b>3</b> / 7 / <b>20</b> / <b>38</b>
Orange	900 / 1800	900 / 2100	<b>3</b> / 7 / <b>20</b>
Play	900 / 1800	900 / 2100	<b>1</b> / <b>3</b> / 7 / 20
T-Mobile	900 / 1800	900 / 2100	<b>3</b> / 7 / <b>20</b>

## Portugal

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Meo (TMN)	900 / 1800	2100	<b>3</b> / 7 / <b>20</b>
nOs	900 / 1800	2100	<b>3</b> / 7 / <b>20</b>
Vodafone	900 / 1800	900 / 2100	<b>3</b> / 7 / <b>20</b>

## Puerto Rico

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
AT&T	850 / 1900	850 / 1900	4 / 17
Claro	850 / 1900	850 / 1900	-
T-Mobile	1900	1700	4

## Qatar

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
ooredoo	900 / 1800	2100	3 / 7 / 20
Vodafone Qatar	900 / 1800	2100	3 / 20

## Réunion

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Orange	900 / 1800	2100	-
Outremer	900 / 1800	2100	-
SFR (Vivendi)	900	2100	-

## Romania

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Telekom (Cosmote)	900 / 1800	2100	3
Digi Mobil (RCS&RDS)	-	900 / 2100	-
Orange (Dialog)	900 / 1800	900 / 2100	3 / 7
Vodafone (Connex)	900 / 1800	900 / 2100	3 / 20

## Russian Federation & Crimea

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Beeline (VimpelCom)	900 / 1800	900 / 2100	3 / 7 / 20
MegaFon	900 / 1800	900 / 2100	3 / 7 / 38
MOTIV	1800	-	3
MTS (Mobile TeleSystems)	900 / 1800	900 / 2100	3 / 7 / 20 / 38
SMARTS	900 / 1800	-	-
Tele2 Russia (Rostelecom)	900 / 1800	2100	3

## Rwanda

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Airtel (Bharti Airtel)	900 / 1800	2100	-
MTN	900	2100	-
Tigo	900 / 1800	2100	-

## Saint Kitts and Nevis

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Chippie	900 / 1800	-	-
Digicel	900 / 1800	2100	-
LIME (Cable & Wireless)	900 / 1800	-	-

## Saint Lucia

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Digicel	900 / 1800	2100	-
LIME (Cable & Wireless)	900 / 1800	-	-

## Saint Martin

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Amigo (Dauphin)	900 / 1800	-	-
Digicel	900 / 1800	2100	-
Orange	900 / 1800	2100	-

## Saint Vincent and the Grenadines

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Digicel	900 / 1800	2100	-
LIME (Cable & Wireless)	900 / 1800	-	-

## Samoa

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Bluesky	900	-	-
Digicel	900	2100	-

## San Marino

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Prima (San Marino Telecom)	900 / 1800	2100	-

## São Tomé and Príncipe

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
CST (Movel)	900	-	-

## Saudi Arabia

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Mobily	900 / 1800	2100	3 / 38
STC (Al Jawal)	900 / 1800	2100	3 / 40
Zain	900 / 1800	2100	3 / 38

## Senegal

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Expresso (Sudatel)	900	-	-
Orange (Sonatel)	900	2100	-
Tigo (SENTEL)	900	-	-

## Serbia

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
mts (Telekom Srbija)	900 / 1800	2100	3
Telenor	900 / 1800	2100	3
VIP Mobile	900 / 1800	2100	3

## Seychelles

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Airtel (Telecom Seychelles)	900	2100	-
Cable and Wireless (Seychelles)	900	2100	-

## Sierra Leone

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Africell	900	2100	-
Airtel (Celtel)	900	2100	-
Comium	900 / 1800	-	-

## Singapore

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
M1	900 / 1800	900 / 2100	3 / 7
SingTel	900 / 1800	900 / 2100	3 / 7
StarHub	900 / 1800	900 / 2100	3 / 7

## Sint Maarten

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Chippie (UTS)	900 / 1800	-	-
TelCell	900 / 1800	2100	-

## Slovakia

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
O2	900 / 1800	2100	3 / 20
Orange	900 / 1800	900 / 2100	7 / 20
Telekom (T-Mobile)	900 / 1800	2100	3 / 7 / 20

## Slovenia

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
T-2	-	2100	-
Si.mobil	900 / 1800	900 / 2100	3 / 7 / 20
Telekom Slovenije (Mobitel)	900 / 1800	2100	3 / 8 / 20
Tušmobil	900 / 1800	900 / 2100	-

## Solomon Islands

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Breeze	900 / 1800	-	-

## Somalia

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Golis Telecom	900	-	-
Hormuud Telecom	900	-	-
Nationlink	900	-	-
Netco	900	-	-
Somtel	900 / 1800	-	-
Telcom	900 / 1800	-	-
Telesom (Somaliland)	900 / 1800	2100	-

## South Africa

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Cell C (Oger Telecom)	900 / 1800	900 / 2100	<b>1 / 3</b>
MTN	900 / 1800	2100	<b>1 / 3</b>
Telkom (8ta)	1800	2100	<b>3 / 40</b>
Vodacom	900	2100	<b>1 / 3 / 8</b>

## South Korea

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
KT (olleh)	-	2100	<b>1 / 3 / 8</b>
SK Telecom	-	2100	<b>1 / 3 / 5 / 7</b>

## South Sudan

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Gemtel (GreenN)	900 / 1800	-	-
MTN	900 / 1800	2100	-
Sudani (Sudatel)	900 / 1800	2100	-
Vivacell (NOW)	900 / 1800	-	-
Zain	900 / 1800	2100	-

## Spain

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Movistar	900 / 1800	900 / 2100	<b>3 / 7 / 20</b>
Orange	900 / 1800	900 / 2100	<b>3 / 7 / 20</b>
Vodafone	900 / 1800	900 / 2100	<b>3 / 7 / 20 / 38</b>
Yoigo	1800	2100	<b>3</b>

## Sri Lanka

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Airtel	900 / 1800	2100	-
Dialog (Mobile)	900 / 1800	2100	3
Etisalat	900 / 1800	2100	-
Hutch	900 / 1800	2100	-
Mobitel	900 / 1800	2100	3

## Sudan

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
MTN Sudan	900 / 1800	2100	-
Sudani (Sudatel)	1800	2100	-
Zain	900	2100	-

## Suriname

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Digicel	900 / 1800	850	-
Telesur	900 / 1800	2100	<b>3 / 28</b>

## Swaziland

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
MTN	900	-	-

## Sweden

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
3 (Hutchison)	-	900 / 2100	<b>7 / 20 / 38</b>
Tele2/ Telenor	900 / 1800	2100	<b>3 / 7 / 20</b>
Telia	900 / 1800	2100	<b>3 / 7 / 20</b>

## Switzerland

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Salt (Orange)	900 / 1800	2100	<b>3 / 7 / 20</b>
Sunrise	900 / 1800	900 / 2100	<b>3 / 7 / 20</b>
Swisscom	900 / 1800	900 / 2100	<b>3 / 7 / 20</b>

## Syria

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
MTN Syria (Spacetel)	900	2100	-
Syriatel	900	2100	-

## Taiwan

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Chunghwa Telecom	900 / 1800	2100	3 / 8
FarEasTone	900 / 1800	2100	3 / 28
Taiwan Mobile	900 / 1800	2100	3 / 28
Taiwan Star Telecom (VIBO)	-	2100	8

## Tajikistan

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Babilon Mobile	900	2100	1 / 3
Beeline (Tacom)	900 / 1800	2100	-
MegaFon (MLT / TT Mobile)	900 / 1800	2100	-
Tcell (Indigo)	900 / 1800	2100	20

## Tanzania

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Airtel	900 / 1800	2100	-
Tigo	900 / 1800	2100	-
Vodacom	900 / 1800	2100	-
Zantel	900 / 1800	2100	-

## Thailand

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
AIS	900 / 1800	900 / 2100	-
DTAC (Telenor)	1800	850 / 2100	1
my (CAT Telecom)	-	850	-
TOT	-	2100	-
True Move (Real Future)	1800	850 / 2100	1

## Timor-Leste

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Telkomcel	850	2100	-
Telmor (Viettel)	850 / 900	-	-
Timor Telecom	900	-	-

## Togo

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Moov	900	-	-
Togocel (Telecel)	900	2100	-

## Tonga

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Digicel	900	-	-
Tonga Communications Corporation (U-Call)	900	-	-

## Trinidad and Tobago

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
bMobile (TSTT)	1800	850 / 1900	-
Digicel	850 / 1900	850 / 1900	-

## Tunisia

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Orange	900 / 1800	2100	-
Ooredoo (Tunisian)	900 / 1800	2100	-
Tunisie Telecom	900 / 1800	2100	-

## Turkey

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Avea	1800	2100	-
Turkcell	900	2100	-
Vodafone Turkey	900	2100	-

## Turkmenistan

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
MTS Turkmenistan	900 / 1800	2100	-
TM Cell (Altyn Asyr)	900 / 1800	2100	-

## Turks and Caicos Islands

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Digicel	900 / 1800	-	-
Islandcom	-	850	-
LIME (Cable & Wireless)	900 / 1800	-	-

## Tuvalu

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
TTC	900 / 1800	-	-

## Uganda

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Airtel	900	2100	-
MTN	900	2100	41
Orange	900 / 1800	2100	20
Uganda Telecom (UT Mobile)	900	2100	-
Warid	900 / 1800	-	-

## Ukraine

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Kyivstar	900 / 1800	-	-
life:)	900 / 1800	-	-
MTS	900 / 1800	-	-
TriMob (3Mob /Ukrtelecom)	-	2100	-

## United Arab Emirates

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
du	900 / 1800	2100	3
Etisalat	900	2100	3 / 7

## United Kingdom

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
3 (Hutchison)	-	2100	1 / <b>3</b> / <b>20</b>
EE (Orange / T-Mobile)	1800	2100	<b>3</b> / <b>7</b> / 20
O2	900 / 1800	900 / 2100	<b>3</b> / <b>20</b>
Vodafone	900 / 1800	900 / 2100	1 / 3 / <b>7</b> / <b>20</b> / 38

## United States

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
AT&T	-	850 / 1900	2 / <b>4</b> / 5 / <b>12</b> or <b>17</b> / 30
T-Mobile	1900	1700 / 1900	2 / <b>4</b> / <b>12</b> / 66 / 71
Sprint	<b>CDMA</b>	<b>CDMA2000</b>	<b>25</b> / 26 / 41
Verizon	<b>CDMA</b>	<b>CDMA2000</b>	2 / 4 / <b>13</b>
US Cellular	<b>CDMA</b>	<b>CDMA2000</b>	<b>5</b> / <b>12</b>
AirVoice Wireless	-	850 / 1900	2 / <b>4</b> / 5 / <b>12</b> or <b>17</b> / 30
Alaska Communications	850 / 1900	850 / 1900	<b>4</b>
Cricket Wireless	-	850 / 1900	2 / <b>4</b> / 5 / <b>12</b> or <b>17</b> / 30
H2O Wireless	-	850 / 1900	2 / <b>4</b> / 5 / <b>12</b> or <b>17</b> / 30
MetroPCS	1900	1700 / 1900	2 / <b>4</b> / <b>12</b> / 66 / 71
Net10 Wireless	1900	850 / 1700 / 1900	2 / <b>4</b> / 5 / <b>12</b> / <b>17</b>
Red Pocket Mobile	1900	850 / 1700 / 1900	2 / <b>4</b> / 5 / <b>12</b> / <b>17</b>
Simple Mobile	1900	850 / 1700 / 1900	2 / <b>4</b> / 5 / <b>12</b> / <b>17</b>
Straight Talk	1900	850 / 1700 / 1900	2 / <b>4</b> / 5 / <b>12</b> / <b>17</b>
TracFone	1900	850 / 1700 / 1900	2 / <b>4</b> / 5 / <b>12</b> / <b>17</b>
US Mobile	1900	1700 / 1900	2 / <b>4</b> / <b>12</b>

## Uruguay

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
ANTEL	1800	850 / 2100	<b>4</b> / 28

Claro	1900	1900	4
Movistar	850 / 1900	850 / 1900	2

## Uzbekistan

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Beeline	900 / 1800	2100	7
Ucell	900 / 1800	2100	7 / 13

## Vanuatu

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Digicel Vanuatu	900	900	-
Telecom Vanuatu (SMILE)	900	-	-

## Venezuela

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Digitel	900	900	3
Movilnet	850	850	4
Movistar	850	850 / 1900	4

## Vietnam

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Gmobile (Beeline)	1800	-	-
MobiFone	900 / 1800	2100	-
Vietnamobile	900	2100	-
Viettel Mobile	900 / 1800	2100	-
Vinaphone	900 / 1800	2100	-

## Virgin Islands (British)

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
CCT	900 / 1800	-	-
Digicel	900 / 1800	2100	-
LIME (Cable & Wireless)	900 / 1800	-	-

## Virgin Islands (U.S.)

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
AT&T	850 / 1900	850	-

## Western Sahara

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
IAM	900	2100	-
Meditel	900	-	-

## Yemen

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
HiTS-UNITEL (Y)	900	-	-
Sabafon	900	-	-
Spacetel (MTN) Yemen	900	-	-

## Zambia

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Airtel (Celtel/Zain)	900	2100	-
MTN	900	2100	3
Zamtel	900	2100	7

## Zimbabwe

Network	2G/2.5G (EDGE)	3G (UMTS) / 3.5G (HSPA+)	4G (LTE)
Econet Wireless	900	2100	3
NetOne	900	2100	-
Telecel	900	2100	-