

# IMT Spectrum Assignments

IMT stands for International Mobile Telephony. IMT is used to indicate spectrum that is reserved for mobile network operators. The table below lists spectrum assignments by country and operator. The assignments are in MHz and the format 2×10, 2×15, etc means that the spectrum has been assigned on a paired basis with an uplink band and a downlink band also known as FDD or Frequency Division Duplex. The alternative to this is TDD or Time Division Duplex where spectrum is assigned in a single band for both uplink and downlink.

This database of spectrum is available on each Country Profile page displaying on the the assignments for that country. Changes made here will reflect on the country pages and vice versa.

| Country       | Operator      | 700 MHz | 800 MHz | 900 MHz | 1800 MHz | 2100 MHz | 2300 MHz | 2600 MHz | 3500MHz |
|---------------|---------------|---------|---------|---------|----------|----------|----------|----------|---------|
| Algeria       | Mobilis ATM   |         |         | 2X8     | 2X10     | 2X15     |          |          |         |
| Algeria       | Ooredoo       |         |         | 2X8     | 2X10     | 2X15     |          |          |         |
| Benin         | Glo           |         |         | 2X?     | 2X?      |          |          |          |         |
| Benin         | MTN           |         |         | 2X?     | 2X?      | 2X?      |          |          |         |
| Benin         | Moov          |         |         | 2X?     |          | 2X?      |          |          |         |
| Benin         | be.Telecoms   |         |         | 2X?     | 2X?      |          |          |          |         |
| Botswana      | BeMobile      |         |         | 2X4     | 2X8      |          |          |          |         |
| Botswana      | Government    |         |         | 2X3     |          |          |          |          |         |
| Botswana      | Mascom        |         |         | 2X8     | 2X9      |          |          |          |         |
| Botswana      | Orange        |         |         | 2X7     | 2X10     | 2X10     |          |          |         |
| Burkina Faso  | Onatel        |         | 2X10    | 2X11.2  | 2X25     | 2X20     |          |          |         |
| Burkina Faso  | Orange        |         | 2X10    | 2X11.2  | 2X25     | 2X20     |          |          |         |
| Burkina Faso  | Telecel       |         |         | 2X8     | 2X18.4   | 2X15     |          |          |         |
| Cabo Verde    | CV Móvel      |         | 2X10    | 2X8     | 2X12     | 2X15     |          |          |         |
| Cabo Verde    | Unitel Mais   |         | 2X10    | 2X8     | 2X16     | 2X15     |          |          |         |
| Cameroon      | Camtel        |         | 2X10    | 2X10    | 2X?      |          |          |          |         |
| Cameroon      | MTN           |         |         | 2X8.2   | 2X7.8    | 2X?      |          |          |         |
| Cameroon      | Nexttel       |         |         | 2X8     | 2X25     | 2X?      |          |          |         |
| Cameroon      | Orange        |         |         | 2X8.2   | 2X11.8   | 2X15     |          |          |         |
| Cameroon      | YooMee        |         |         |         |          |          |          |          |         |
| Cameroon      | neXttel       |         |         | 2X8     | 2X25     |          |          |          |         |
| Côte d'Ivoire | MTN           |         | 2X10    | 2X10    | 2X15     | 2X15     |          | 2X20     |         |
| Côte d'Ivoire | Moov          |         | 2X10    | 2X10    | 2X15     | 2X15     |          | 2X20     |         |
| Côte d'Ivoire | Orange        |         | 2X10    | 2X10    | 2X15     | 2X15     |          | 2X20     |         |
| Côte d'Ivoire | YooMee        |         |         |         |          |          | ?        |          |         |
| Egypt         | Etisalat      |         |         | 2X10    | 2X10     | 2X10     |          |          |         |
| Egypt         | Orange        |         |         | 2X12.5  | 2X15     | 2X15     |          |          |         |
| Egypt         | Telecom Egypt | 2X10    |         |         | 2X5      |          |          |          |         |
| Egypt         | Vodafone      |         |         | 2X12.5  | 2X10     | 2X20     |          |          |         |
| Gambia        | Africell      |         |         | 2X?     | 2X?      | 2X?      |          |          |         |
| Gambia        | Gamcel        |         |         | 2X?     |          | 2X?      | 20       |          |         |
| Gambia        | Netpage       |         |         |         |          |          | 10       |          |         |

| Country        | Operator               | 700 MHz | 800 MHz | 900 MHz | 1800 MHz | 2100 MHz | 2300 MHz | 2600 MHz | 3500MHz |
|----------------|------------------------|---------|---------|---------|----------|----------|----------|----------|---------|
| Gambia         | Qcell                  |         |         | 2X?     | 2X?      | 2X?      |          |          |         |
| Ghana          | AirtelTigo             |         |         | 2X13    | 2X10     | 2X10     |          |          |         |
| Ghana          | Blu Telecommunications |         |         |         |          |          |          | 30       |         |
| Ghana          | Busy                   |         |         |         |          |          | 30       |          |         |
| Ghana          | Glo                    |         |         | 2X5     | 2X15     | 2X10     |          |          |         |
| Ghana          | Goldkey                |         |         |         |          |          |          | 2X15     |         |
| Ghana          | MTN                    |         | 2X10    | 2X8     | 2X10     | 2X15     |          | 2X15     |         |
| Ghana          | Surflin                |         |         |         |          |          |          | 2X15     |         |
| Ghana          | Telesol                |         |         |         |          |          |          |          |         |
| Ghana          | Tigo                   |         |         | 2X8     | 2X10     | 2X15     |          |          |         |
| Ghana          | Vodafone               |         | 2X5     | 2X8     | 2X10     | 2X15     |          |          |         |
| Guinea Bissau  | MTN                    |         |         | 2X?     | 2X?      | 2X?      |          |          |         |
| Guinea Bissau  | Orange                 |         |         | 2X8     | 2X20     | 2X15     | 40       |          |         |
| Guinea Conakry | Cellcom                |         |         |         |          | 2X?      |          |          |         |
| Guinea Conakry | Intercel               |         |         | 2X?     |          |          |          |          |         |
| Guinea Conakry | MTN                    |         |         | 2X?     | 2X?      | 2X?      |          |          |         |
| Guinea Conakry | Orange                 |         |         | 2X6     | 2X12     | 2X10     |          | 10       |         |
| Iraq           | AsiaCell               |         |         | 2X11.6  | 2X7.4    | 2X?      |          |          |         |
| Iraq           | Fastlink               |         |         |         |          |          |          | 2X?      |         |
| Iraq           | Goran Net              |         |         |         |          |          | ?        |          |         |
| Iraq           | Korek                  |         |         | 2X11.6  | 2X7.4    | 2X?      |          |          |         |
| Iraq           | Newroz                 |         |         |         |          |          | ?        |          |         |
| Iraq           | Tishknet               |         |         |         |          |          |          |          |         |
| Iraq           | Zain                   |         |         | 2X11.2  | 2X7.4    | 2X?      |          |          |         |
| Jordan         | Orange                 |         |         | 2X12.5  | 2X10     | 2X15     |          | 2X10     |         |
| Jordan         | Umniah                 |         |         |         | 2X20     | 2X10     |          |          | ?       |
| Jordan         | Zain                   |         |         | 2X17.5  | 2X20     | 2X20     |          |          |         |
| Kenya          | Airtel                 |         | 2X10    | 2X10    | 2X10     | 2X10     |          |          |         |
| Kenya          | Airwaves Comms         |         |         |         |          |          |          |          | 2X7     |
| Kenya          | Comtec Group           |         |         |         |          |          |          |          | 2X7     |
| Kenya          | Faiba (Jamii)          | 2X10    |         |         |          |          |          |          |         |
| Kenya          | IGO Wireless           |         |         |         |          |          |          |          | 2X7     |
| Kenya          | Liquid Telecom         |         |         |         |          |          |          |          | 2X28    |
| Kenya          | Open Systems Tech.     |         |         |         |          |          |          |          | 2X7     |
| Kenya          | PacketStream Data      |         |         |         |          |          |          |          | 2X7     |
| Kenya          | Safaricom              |         | 2X10    | 2X17.5  | 2X20     | 2X10     |          |          |         |
| Kenya          | SimbaNET               |         |         |         |          |          |          |          | 2X7     |
| Kenya          | Telkom Kenya           |         | 2X10    | 2X7.5   | 2X10     | 2X10     |          |          | 2X11    |
| Kenya          | UUNet Comms            |         |         |         |          |          |          |          | 2X7     |
| Kenya          | Yu                     |         |         | 2X7     |          |          |          |          |         |

| Country      | Operator                                | 700 MHz | 800 MHz | 900 MHz | 1800 MHz | 2100 MHz | 2300 MHz | 2600 MHz | 3500MHz |
|--------------|---|---------|---------|---------|----------|----------|----------|----------|---------|
| Lebanon      | Alfa Lebanon                            |         | 2X15    | 2X12.5  | 2X15     | 2X10     |          |          |         |
| Lebanon      | Touch                                   |         | 2X15    | 2X12.5  | 2X15     | 2X10     |          |          |         |
| Lesotho      | Econet Lesotho                          |         |         | 2X12    | 2X12     | 2X15     |          |          |         |
| Lesotho      | Vodacom                                 |         |         | 2X12    | 2X10     | 2X20     |          |          |         |
| Liberia      | Lonestar Cell MTN                       |         |         | 2X9.4   | 2X15     | 2X20     |          |          |         |
| Liberia      | Orange                                  |         |         | 2X7     | 2X20     | 2X20     |          |          |         |
| Mali         | Malitel                                 |         |         | 2X?     | 2X11.8   | 2X15     |          |          |         |
| Mali         | Orange                                  |         |         | 2X12    | 2X15.8   | 2X15     | 2X?      |          |         |
| Mali         | Telecel Mali                            |         |         | 2X?     | 2X?      | 2X15     |          |          |         |
| Morocco      | INWI                                    |         | 2X10    | 2X9     | 2X25     | 2X15     |          | 30       |         |
| Morocco      | IAM (Maroc Telecom)                     |         | 2X10    | 2X13    | 2X20     | 2X15     |          | 2X20     |         |
| Morocco      | Orange                                  |         | 2X10    | 2X9     | 2X20     | 2X15     |          | 2X20     |         |
| Mozambique   | Mcel                                    |         |         | 2X8     | 2x8      | 2X15     |          |          |         |
| Mozambique   | Movitel                                 |         |         | 2X8     | 2X8      | 2X15     |          |          |         |
| Mozambique   | Vodacom                                 |         |         | 2X8     | 2X8      | 2X15     |          |          |         |
| Namibia      | MTC                                     |         |         | 2X13    | 2X35     | 2X15     |          |          |         |
| Namibia      | Paratus                                 |         |         |         | 2X20     | 2X5      |          | 2X20     |         |
| Namibia      | Telecom Namibia                         |         |         | 2X10    | 2X19     | 2X20     |          | 2X30     |         |
| Niger        | Airtel                                  |         | 2X?     | 2X?     | 2X?      | 2X?      |          |          |         |
| Niger        | Moov                                    |         |         | 2X?     | 2X?      | 2X?      |          |          |         |
| Niger        | Orange                                  |         |         | 2X?     | 2X?      | 2X?      |          |          |         |
| Niger        | Sahelcom                                |         |         | 2X?     | 2X?      | 2X?      |          |          |         |
| Nigeria      | 9mobile                                 |         |         | 2X5     | 2X15     | 2X10     |          |          |         |
| Nigeria      | Airtel                                  |         |         | 2X5     | 2X15     | 2X10     |          |          |         |
| Nigeria      | Bitflux                                 |         |         |         |          |          | 30       |          |         |
| Nigeria      | Glo Mobile                              | 2X10    |         | 2X5     | 2X15     | 2X10     |          |          |         |
| Nigeria      | MTN                                     | 2X10    | 2X10    | 2X5     | 2X15     | 2X10     |          | 2X30     | 30      |
| Nigeria      | Smile                                   |         | 2X10    |         |          |          |          |          |         |
| Nigeria      | Spectranet                              |         |         |         |          |          | 20       |          |         |
| Nigeria      | Swift                                   |         |         |         |          |          | 20       |          |         |
| Nigeria      | ntel                                    |         |         | 2X5     | 2X15     |          |          |          |         |
| Palestine    | Jawwal                                  |         |         | 2X4.8   |          | 2X10     |          |          |         |
| Palestine    | Ooredoo                                 |         |         | 2X1.8   | 2X10     |          |          |          |         |
| Rwanda       | Airtel                                  |         |         | 2X?     | 2X?      | 2X?      |          |          |         |
| Rwanda       | KT Rwanda                               |         | 2X20    |         | 2X?      |          |          |          |         |
| Rwanda       | MTN                                     |         |         | 2X?     |          | 2X?      |          |          |         |
| Senegal      | CSU SA (Opérateur de Service Universel) |         |         |         |          |          | 10       |          |         |
| Senegal      | Espresso                                |         | 2X6.25  | 2X12    | 2X16     | 2X15     |          |          |         |
| Senegal      | Hayo Telecom                            |         |         | 2X?     | 2X?      |          |          |          |         |
| Senegal      | Orange / Sonatel                        |         | 2X10    | 2X12.4  | 2X16     | 2X15     |          | 2X20     |         |
| Senegal      | Tigo                                    |         |         | 2X10    | 2X9      | 2X10     |          |          |         |
| Sierra Leone | Africell                                |         |         | 2X?     |          | 2X?      |          |          |         |
| Sierra Leone | Orange                                  |         |         | 2X7.4   | 2X10     | 2X15     | 40       |          |         |

| Country      | Operator                     | 700 MHz | 800 MHz | 900 MHz | 1800 MHz | 2100 MHz | 2300 MHz | 2600 MHz | 3500MHz |
|--------------|------------------------------|---------|---------|---------|----------|----------|----------|----------|---------|
| South Africa | CellC                        |         |         | 2X10    | 2X12     | 2X15     |          |          |         |
| South Africa | MTN                          |         |         | 2X8     | 2X12     | 2X15     |          |          |         |
| South Africa | Neotel Liquid Telecom        |         |         |         | 2X12     |          |          |          |         |
| South Africa | Rain                         |         |         |         | 2X12     |          |          |          |         |
| South Africa | Telkom                       |         |         |         | 2X12     | 2X15     |          |          |         |
| South Africa | Vodacom                      |         |         | 2X11    | 2X12     | 2X15     |          |          |         |
| Tanzania     | Airtel                       | 2X10    |         | 2X?     | 2X12.5   | 2X?      |          |          |         |
| Tanzania     | Azam Telecom                 | 2X10    |         |         |          |          |          |          |         |
| Tanzania     | BOL                          |         |         |         | 2X2x5    |          |          |          |         |
| Tanzania     | Halotel                      |         |         |         | 2X10     | 2X?      |          |          |         |
| Tanzania     | Hits Telecom                 |         |         |         | 2X10     |          |          |          |         |
| Tanzania     | Shared Networks Tanzania Ltd |         |         | 2X5     |          |          |          |          |         |
| Tanzania     | Smart                        |         |         |         |          |          | ?        |          |         |
| Tanzania     | Smile                        |         | 2X10    |         |          |          |          |          |         |
| Tanzania     | TTCL                         |         |         |         |          | 2X5      |          |          |         |
| Tanzania     | Tigo                         |         | 2X10    | 2X?     | 2X12.5   | 2X5      |          |          |         |
| Tanzania     | Vodacom                      | 2X10    |         | 2X7.5   | 2X10     | 2X15     |          |          | 42      |
| Tanzania     | Zantel                       |         |         |         | 2X10     | 2X?      |          |          |         |
| Togo         | Moov                         |         |         | 2X?     |          | 2X?      |          |          |         |
| Togo         | Teolis                       |         |         |         |          |          |          |          |         |
| Togo         | Togocel                      |         |         | 2X?     |          | 2X?      |          |          |         |
| Tunisia      | Ooredoo                      |         | 2X10    | 2X12.5  | 2X15     | 2X15     |          |          |         |
| Tunisia      | Orange                       |         |         | 2X10    | 2X15     | 2X20     |          |          |         |
| Tunisia      | Orange Tunisie               |         | 2X10    | 2X10    | 2X15     | 2X20     |          |          |         |
| Tunisia      | Tunisie Telecom              |         | 2X10    | 2X12.5  | 2X15     | 2X15     |          |          |         |
| Uganda       | Africell                     |         | 2X10    | 2X10    | 2X10     | 2X10     |          |          |         |
| Uganda       | Airtel                       |         |         | 2X11.6  | 2X15     | 2X10     |          | 2X10     |         |
| Uganda       | MTN                          |         |         | 2X8.2   | 2X15     | 2X5      |          | 2X10     |         |
| Uganda       | Smile                        |         | 2X10    |         |          |          |          | 2X10     |         |
| Uganda       | Tangerine/Lyca               |         |         |         |          |          |          | 2X10     |         |
| Uganda       | Uganda Telecom               |         |         | 2X5     |          | 2X5      |          | 2X10     |         |
| Uganda       | iTEL                         |         |         | 2X3     |          |          |          |          |         |
| Algeria      | Djezzy                       |         |         | 2x8     | 2x10     | 2x15     |          |          |         |

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