

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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