

Country	Name network	Type of network	Voice & SMS	Data (GPRS)	Data (UMTS)	Data (HSDPA)	LTE outbound Data	SMS-IW send	SMS-IW receive
Afghanistan	Afghan Wireless Communication Company	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x		x		
Afghanistan	Etisalat Afghanistan	GSM 900, UMTS 2100	x	x	x		x		
Afghanistan	Telecom Development Company Afghanistan Ltd.	GSM 900/1800, UMTS 2100	x	x	x				
Aland Islands (Finland)	TeliaSonera Finland Oyj	GSM 900/1800, UMTS 2100	x	x	x	x		x	x
Albania	ALBtelecom sh.a	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x				
Albania	Vodafone Albania	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x	x	x
Alderney (Guernsey)	Sure Guernsey Limited	GSM 900, UMTS 2100, LTE 0800/1800	x	x	x	x	x	x	x
Algeria	ATM MOBILIS	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x		x		
Algeria	Optimum Telecom Algerie	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x		x		
Algeria	Wataniya Telecom Algerie	GSM 900/1800, UMTS 2100	x	x	x		x		
Andorra	Andorra Telecom	GSM 900/1800, UMTS 1900/2100, LTE 0800/1800	x	x	x	x	x	x	x
Angola	Movicel Telecomunicações Angola	GSM 900/1800, UMTS 2100	x	x	x				
Angola	UNITEL S.a.r.l.	GSM 900/1800, UMTS 2100	x	x	x	x			
Anguilla	Cable & Wireless (West Indies) Ltd. Anguilla	GSM 1900, UMTS 850/1900, LTE 700	x	x	x		x		
Anguilla	Digicel (Jamaica) Limited	UMTS 850/1900	x	x	x		x		
Antigua and Barbuda	Cable & Wireless Caribbean Cellular (Antigua) Limited	GSM 850/1900, UMTS 850/1900, LTE 1700/2100	x	x	x		x		
Antigua and Barbuda	Digicel (Jamaica) Limited	GSM 900, UMTS 2100, LTE 700	x	x	x		x		
ARE_ABU	Emirates Integrated Telecommunications Company PJSC	GSM 900/1800, UMTS 2100, LTE 800/1800	x	x	x	x	x	x	x
ARE_ABU	Emirates Telecommunications Group Company PJSC (Etisalat)	GSM 900, UMTS 900/2100, LTE 0800/1800/2100	x	x	x	x	x	x	x
ARE_DUB	Emirates Integrated Telecommunications Company PJSC	GSM 900/1800, UMTS 2100, LTE 800/1800	x	x	x	x	x	x	x
ARE_DUB	Emirates Telecommunications Group Company PJSC (Etisalat)	GSM 900, UMTS 900/2100, LTE 0800/1800/2100	x	x	x	x	x	x	x
ARE_SHA	Emirates Integrated Telecommunications Company PJSC	GSM 900/1800, UMTS 2100, LTE 800/1800	x	x	x	x	x	x	x
ARE_SHA	Emirates Telecommunications Group Company PJSC (Etisalat)	GSM 900, UMTS 900/2100, LTE 0800/1800/2100	x	x	x	x	x	x	x

Argentina	AMX Argentina S.A.	GSM 850/1900, UMTS 850/1900, LTE 0700/2100	x	x	x	x	x		
Argentina	Telecom Personal SA	GSM 850/1900, UMTS 850/1900, LTE 1700/2100	x	x	x		x		
Argentina	Telefonica Moviles Argentina S.A	GSM 850/1900, UMTS 850/2100	x	x	x	x			
Armenia	MTS Armenia	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Armenia	UCOM CJSC	GSM 900/1800, UMTS 2100	x	x	x				
Armenia	VEON Armenia CJSC	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x	x	x		
Aruba	Digicel (Jamaica) Limited	GSM 900/1800, UMTS 2100	x	x	x				
Aruba	SETAR (Servicio di Telecomunicacion di Aruba)	GSM 900/1800/1900, UMTS 2100, LTE 0850/1800	x	x	x	x	x		
Austria	A1 Telekom Austria AG	GSM 900/1800, UMTS 2100, LTE 0800/2600	x	x	x	x	x	x	x
Austria	Hutchison Drei Austria GmbH	GSM 1800, UMTS 2100, LTE 1800/2600	x	x	x	x	x	x	x
Austria	T-Mobile Austria GmbH	GSM 900/1800, UMTS 2100, LTE 1800/2600	x	x	x	x	x	x	x
Azerbaijan	Azercell Telecom BM	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x		x		
Azerbaijan	Bakcell Ltd	GSM 900, UMTS 2100, LTE 1800	x	x	x		x		
Azores (Portugal)	MEO - Serviços de Comunicações e Multimédia SA	GSM 900/1800, UMTS 2100	x	x	x	x		x	x
Azores (Portugal)	NOS Comunicações S.A.	GSM 900/1800, UMTS 1900/2100, LTE 0800/1800/2600	x	x	x	x		x	x
Azores (Portugal)	Vodafone - Portugal	GSM 900/1800, UMTS 2100, LTE 0800/1800/2600	x	x	x	x	x	x	x
Bahamas	The Bahamas Telecommunications Company Ltd	GSM 850/1900, UMTS 850/1900, LTE 0700	x	x	x		x		
Bahrain	Zain Bahrain B.S.C	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x	x	x	x	x
Bangladesh	Axiata (Bangladesh) Limited.	GSM 900/1800, UMTS 2100	x	x	x		x		
Bangladesh	BANGLALINK DIGITAL COMMUNICATIONS LTD.	GSM 900/1800, UMTS 2100	x	x	x				
Bangladesh	Grameenphone Ltd	GSM 900/1800/1900, UMTS 2100, LTE 0900/1800	x	x	x				
Barbados	Cable & Wireless Barbados Ltd.	GSM 850/1900, UMTS 850, LTE 0850/1900	x	x	x		x		
Barbados	Digicel (Jamaica) Limited	GSM 900/1800, UMTS 2100, LTE 0700/1700/2100	x	x	x		x		
Belarus	JLLC Mobile TeleSystems	GSM 900/1800, UMTS 2100, LTE 1800/2600	x	x	x		x		
Belarus	Unitary Enterprise A1	GSM 900, UMTS 2100	x	x	x	x			
Belgium	Orange Belgium SA/NV	GSM 900/1800, UMTS 900/2100, LTE 800/1800	x	x	x	x	x		

Belgium	Proximus SA	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x	x	x		
Belgium	Telenet Group bvba/sprl	GSM 900/1800, UMTS 2100, LTE 800/1800/2600	x	x	x	x	x		
Benin	TELECEL BENIN - GSM 900 - BENIN	GSM 900, UMTS 2100	x	x	x			x	
Bermuda	Bermuda Digital Communications Limited	GSM 1900, UMTS 850, LTE 700	x	x	x			x	
Bermuda	Digicel (Jamaica) Limited	GSM 1900, UMTS 850	x	x	x			x	
Bhutan	Tashi InfoComm Limited	GSM 900/1800, UMTS 850, LTE 0700/1800	x	x	x			x	
Bolivia	Nuevatel PCS De Bolivia SA	GSM 1900, UMTS 850, LTE 1700/2100	x	x	x			x	
Bonaire (Dutch Antilles)	Curacao Telecom N.V.	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x			x	
Bonaire (Dutch Antilles)	Setel NV	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x				
Bosnia and Herzegovina	BH Telecom - Joint Stock Company - Sarajevo	GSM 900, UMTS 2100	x	x	x		x		x
Bosnia and Herzegovina	MTEL (RS Telecommunications JSC Banja Luka)	GSM 900/1800, UMTS 2100	x	x	x		x		x
Botswana	Mascom Wireless (Pty) Limited	GSM 900/1800, UMTS 2100	x	x	x				
Botswana	Orange (Botswana) Pty Limited	GSM 900, UMTS 2100	x	x	x				
Brazil	Claro	GSM 900/1800, UMTS 850/2100, LTE 2600	x	x	x		x	x	
Brazil	OI MOVEL S.A. Brazil	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x			x	
Brazil	TIM Celular S.A.	GSM 900/1800, UMTS 850/2100, LTE 0700/0850/1800/2100/2600	x	x	x		x	x	
Brazil	TIM Celular S.A.	GSM 900/1800, UMTS 2100, LTE 0700/0850/1800/2100/2600	x	x	x		x	x	
Brazil	TIM Celular S.A.	GSM 900/1800, UMTS 850/2100, LTE 0700/0850/1800/2100/2600	x	x	x		x	x	
Brazil	Vivo S.A.	GSM 850/900/1800/1900, UMTS 850/2100, LTE 0700/2600	x	x	x			x	
Brazil	Vivo S.A.	GSM 850/900/1800/1900, UMTS 850/2100, LTE 0700/2600	x	x	x			x	
Brazil	Vivo S.A.	GSM 850/900/1800/1900, UMTS 850/2100, LTE 0700/2600	x	x	x			x	
Brazil	Vivo S.A.	GSM 850/900/1800/1900, UMTS 850/2100, LTE 0700/2600	x	x	x			x	
Brunei Darussalam	DST Communications Sdn Bhd (DTSCOM)	GSM 900, UMTS 2100, LTE 1800	x	x	x		x	x	
Bulgaria	Bulgarian Telecommunications Company AD	GSM 900/1800, UMTS 900/2100, LTE 1800	x	x	x			x	
Bulgaria	Mobiltel EAD	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x		x	x	x

Bulgaria	Telenor Bulgaria EAD	GSM 900/1800, UMTS 2100, LTE 1800/2100	x	x	x	x	x	x	x
Burkina Faso	Onatel	GSM 850/1800, UMTS 2100	x	x	x				
Burkina Faso	Orange Burkina Faso	GSM 900	x	x	x				
Burundi	ECONET LEO S.A	GSM 900	x	x	x				
Burundi	LACELL SU	GSM 1800	x	x	x				
Cambodia	Cellcard	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x	x	x		
Cambodia	SMART Axiata., Co., Ltd.	GSM 900/1800, UMTS 2100, LTE 1800/2100/2600	x	x	x		x		
Cameroon	MTN Cameroon Ltd	GSM 900/1800	x	x	x				
Cameroon	Orange Cameroun S.A.	GSM 900, UMTS 2100, LTE 1800	x	x	x		x		
Canada	Rogers Communications Canada Inc.	GSM 850/1900, UMTS 850/1900, LTE 0700/0850/1900/2600	x	x	x	x	x		
Canada	Saskatchewan Telecommunications	UMTS 850/1900, LTE 0700/0850/1900/2600	x	x	x		x		
Canada (Alberta)	Rogers Communications Canada Inc.	GSM 850/1900, UMTS 850/1900, LTE 0700/0850/1900/2600	x	x	x	x	x		
Canada (British Colombia)	Rogers Communications Canada Inc.	GSM 850/1900, UMTS 850/1900, LTE 0700/0850/1900/2600	x	x	x	x	x		
Canada (Manitoba)	Rogers Communications Canada Inc.	GSM 850/1900, UMTS 850/1900, LTE 0700/0850/1900/2600	x	x	x	x	x		
Canada (New Brunswick)	Rogers Communications Canada Inc.	GSM 850/1900, UMTS 850/1900, LTE 0700/0850/1900/2600	x	x	x	x	x		
Canada (Newfoundland)	Rogers Communications Canada Inc.	GSM 850/1900, UMTS 850/1900, LTE 0700/0850/1900/2600	x	x	x	x	x		
Canada (Nova Scotia)	Rogers Communications Canada Inc.	GSM 850/1900, UMTS 850/1900, LTE 0700/0850/1900/2600	x	x	x	x	x		
Canada (Ontario)	Rogers Communications Canada Inc.	GSM 850/1900, UMTS 850/1900, LTE 0700/0850/1900/2600	x	x	x	x	x		
Canada (Prince Edward Island)	Rogers Communications Canada Inc.	GSM 850/1900, UMTS 850/1900, LTE 0700/0850/1900/2600	x	x	x	x	x		
Canada (Quebec)	Rogers Communications Canada Inc.	GSM 850/1900, UMTS 850/1900, LTE 0700/0850/1900/2600	x	x	x	x	x		
Canada (Saskatchewan)	Rogers Communications Canada Inc.	GSM 850/1900, UMTS 850/1900, LTE 0700/0850/1900/2600	x	x	x	x	x		
Canary Islands (Spain)	Telefonica Moviles España S.A.	GSM 900/1800, UMTS 2100, LTE 0800/1800/2100/2600	x	x	x			x	x
Canary Islands (Spain)	Vodafone - Spain	GSM 900/1800, UMTS 2100, LTE 1800/2600	x	x	x	x	x	x	x
Cape Verde	CVMovel, S.A.	GSM 900/1800, UMTS 2100	x	x	x				
Cape Verde	T+ TELECOMUNICACÕES S.A.	GSM 900/1800, UMTS 2100	x	x	x				
Cayman Islands	Cable & Wireless (Cayman Islands) Limited	GSM 850, UMTS 850, LTE 0700/1900	x	x	x		x		

Cayman Islands	Digicel (Jamaica) Limited	GSM 900, UMTS 850/2100, LTE 1800	x	x	x		x		
Central African Republic	Atlantique Telecom Centrafrique	GSM 900	x	x	x				
Central African Republic	Orange Centrafrique	GSM 900/1800/2100	x	x	x				
Ceuta (Spain)	Telefonica Moviles España S.A.	GSM 900/1800, UMTS 2100, LTE 0800/1800/2100/2600	x	x	x			x	x
Ceuta (Spain)	Vodafone - Spain	GSM 900/1800, UMTS 2100, LTE 1800/2600	x	x	x	x	x	x	x
Chad	CelTel Tchad SA	GSM 900, UMTS 2100	x	x	x		x		
Chad	MILLICOM TCHAD	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Chile	ENTEL TELEFONIA MOVIL	GSM 1900, UMTS 1900, LTE 2600	x	x	x	x	x		
Colombia	COLOMBIA MOVIL S.A.	GSM 1900, UMTS 2100, LTE 1700/2600	x	x	x	x	x		
Colombia	Colombia Telecomunicaciones	GSM 850/1900, UMTS 1700/2100, LTE 1700/2100	x	x	x	x	x		
Colombia	Comunicacion Celular SA Comcel SA	GSM 850/1900, UMTS 850, LTE 2600	x	x	x		x		
Congo, (Brazzaville)	Bharti Airtel CelTel Congo SA	GSM 900, UMTS 2100	x	x	x				
Congo, (Dem.Rep., Kinshasa)	Africell RDC sprl	GSM 900/1800, UMTS 2100, LTE 0800	x	x	x				
Congo, (Dem.Rep., Kinshasa)	CelTel Congo	GSM 900, UMTS 2100	x	x	x				
Congo, (Dem.Rep., Kinshasa)	Vodacom Congo (RDC) S.A.	GSM 900/1800, UMTS 2100	x	x	x		x		
Cook Islands	Vodafone Cook Islands	GSM 900, UMTS 900, LTE 0700/1800	x	x	x		x		
Corsica (France)	Bouygues Telecom	GSM 900/1800, UMTS 2100, LTE 0800/1800/2600	x	x	x	x	x	x	x
Corsica (France)	Orange France	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x	x	x
Corsica (France)	SFR	GSM 900/1800, UMTS 900/2100, LTE 0700/0800/1800/2100/2600	x	x	x	x	x	x	x
Costa Rica	Claro CR Telecomunicaciones, S.A.	GSM 1800, UMTS 2100, LTE 1800	x	x	x		x		
Costa Rica	Telefonica de Costa Rica TC S.A.	GSM 1800, UMTS 850/2100, LTE 1800/2600	x	x	x		x		
Croatia (Local Name: Hrvatska)	Croatian Telecom	GSM 900/1800, UMTS 2100	x	x	x	x		x	x
Croatia (Local Name: Hrvatska)	Tele2 d.o.o za telekomunikacijske uluge	GSM 1800, UMTS 900, LTE 1800	x	x	x		x		
Croatia (Local Name: Hrvatska)	VIPnet d.o.o.	GSM 900, UMTS 2100, LTE 0800/1800	x	x	x	x	x	x	x
Cuba	Empresa de Telecomunicaciones de Cuba, SA (ETECSA)	GSM 850/900, UMTS 900, LTE 1800	x	x	x				
Curacao (Dutch Antilles)	Curacao Telecom N.V.	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x		x		

Curacao (Dutch Antilles)	Setel NV	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x				
Cyprus	Cyprus Telecommunications Auth	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x	x	x	x	x
Cyprus	Primetel PLC	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x		x		
Czech Republic	T-Mobile Czech Republic a.s.	GSM 900/1800, UMTS 2100, LTE 0800/1800/2100/2600	x	x	x	x		x	x
Czech Republic	Vodafone CZECH REPUBLIC A.S.	GSM 900/1800, UMTS 2100, LTE 0800/1800	x	x	x		x	x	x
Denmark	Nuuday (former TDC A/S)	GSM 900/1800, UMTS 2100, LTE 0800/2600	x	x	x	x	x		
Denmark	Telenor A/S	GSM 900/1800, UMTS 900/2100, LTE 0800/0900/1800/2100/2600	x	x	x		x	x	x
Desirade (French Antilles)	DIGICEL Antilles Française Guyane	GSM 900/1800, UMTS 2100	x	x	x	x			
Djibouti	Djibouti Telecom SA	GSM 900/1800, UMTS 2100	x	x	x				
Dominica	Cable & Wireless Dominica Ltd.	GSM 900/1800, UMTS 2100, LTE 0700/1900	x	x	x		x		
Dominica	Digicel (Jamaica) Limited	GSM 900/1900, UMTS 2100, LTE 700	x	x	x				
Dominican Republic	Altice Dominicana, S.A.	GSM 900/1800/1900, UMTS 900, LTE 1800	x	x	x		x		
Dominican Republic	Compañía Dominicana de Telefonos, C. por A.	GSM 850/1900, UMTS 850, LTE 1700/2100	x	x	x		x		
Dominican Republic	Trilogy Dominicana S.A.	GSM 1900	x	x	x				
East Timor	PT Telekomunikasi Indonesia International	GSM 900/1800, LTE 0850/2100	x	x	x				
East Timor	Timor Telecom	GSM 900/1800, UMTS 850/2100, LTE 1800	x	x	x			x	x
Easter Island	ENTEL TELEFONIA MOVIL	GSM 1900, UMTS 1900, LTE 2600	x	x	x	x	x		
Ecuador	Conecel S.A. (Consorcio Ecuatoriano de Telecomunicaciones S.A.)	GSM 850, UMTS 850, LTE 1900	x	x	x		x		
Egypt	Etisalat Misr	GSM 900/1800, UMTS 900/2100, LTE 0900/1800	x	x	x		x		
Egypt	Vodafone Egypt Telecommunications S.A.E	GSM 900, UMTS 1800/2100, LTE 2100	x	x	x	x	x		
El Salvador	CTE Telecom Personal SA de CV	GSM 1900, UMTS 1900, LTE 1900	x	x	x	x			
El Salvador	DIGICEL, S.A. de C.V.	GSM 900, UMTS 900	x	x	x				
El Salvador	Telefonica Moviles El Salvador, S.A de c.v	GSM 850, UMTS 1900, LTE 1900	x	x	x		x		
El Salvador	TIGO/Telemovil EL Salvador S.A	GSM 850, UMTS 850	x	x	x				
Equatorial Guinea	GREEN COM S.A.	GSM 900/1800	x	x	x				
Estonia	Elisa Eesti AS	GSM 900/1800, UMTS 2100, LTE 0800/1800/2600	x	x	x	x	x	x	x

Estonia	Tele2 Eesti AS	GSM 900, UMTS 900/2100, LTE 0800/2100/2600	x	x	x	x	x	x	x
Estonia	Telia Eesti AS	GSM 900/1800, UMTS 900/2100	x	x	x			x	x
Ethiopia	Ethiopian Telecommunications Corporation	GSM 900/1800, UMTS 2100	x	x	x				
Faroe Islands	Hey Faroe Islands	GSM 900/1800, UMTS 900/2100, LTE 0800/1800	x	x	x		x		
Ferry- and cruiseships	Telenor Maritime AS	GSM 1800	x	x	x		x		
Fiji	Digicel (Fiji) Limited	GSM 900, UMTS 900, LTE 1800/700	x	x	x		x		
Fiji	Vodafone Fiji Ltd	GSM 900, UMTS 2100, LTE 1800	x	x	x	x	x		
Finland	DNA Ltd	GSM 900/1800, UMTS 900/2100, LTE 0800/1800/2100	x	x	x		x		
Finland	Elisa Corporation	GSM 900/1800, UMTS 2100, LTE 0800/1800/2600	x	x	x	x	x	x	x
Finland	TeliaSonera Finland Oyj	GSM 900/1800, UMTS 2100	x	x	x	x		x	x
France	Bouygues Telecom	GSM 900/1800, UMTS 2100, LTE 0800/1800/2600	x	x	x	x	x	x	x
France	Free Mobile	UMTS 900/2100	x	x	x			x	x
France	Orange France	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x	x	x
France	SFR	GSM 900/1800, UMTS 900/2100, LTE 0700/0800/1800/2100/2600	x	x	x	x	x	x	x
French Guiana	DIGICEL Antilles Française Guyane	GSM 900/1800, UMTS 2100	x	x	x	x	x		
French Guiana	Outremer	GSM 900/1800, CDMA 1900, LTE 0800/1800/2600	x	x	x				
French Polynesia	Pacific Mobile Telecom	GSM 900, UMTS 900/2100, LTE 0800/2100/2600	x	x	x				
Gabon	Celstel Gabon SA	GSM 900, UMTS 2100, LTE 0800	x	x	x		x		
Gabon	Libertis S.A.	GSM 900, UMTS 2100, LTE 800/1800/2600	x	x	x		x		
Galapagos Islands	Conecel S.A. (Consorcio Ecuatoriano de Telecomunicaciones S.A.)	GSM 850, UMTS 850, LTE 1900	x	x	x		x		
Gambia	Africell (Gambia) Ltd	GSM 900, UMTS 2100	x	x	x		x		
Gambia	QCELL Limited	GSM 1800	x	x	x				
Gaza strip	Palestine Telecomm Co Ltd	GSM 900	x	x	x				
Georgia	Geocell Ltd	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x		x	x	x
Georgia	Magticom Ltd	GSM 900/1800, UMTS 2100, LTE 0800/1800	x	x	x		x	x	x
Georgia	Mobitel LLC	GSM 900/1800, LTE 0800	x	x	x		x		

Germany	Telefonica o2 Germany GmbH & Co.OHG	GSM 900/1800, UMTS 1900/2100	x	x	x			x	x
Germany	Telekom Deutschland GmbH	GSM 900/1800, UMTS 2100, LTE 0800/1800/2600	x	x	x	x	x	x	x
Germany	Vodafone GmbH, Germany	GSM 900/1800, UMTS 2100	x	x	x	x	x	x	x
Ghana	AirtelTigo Ghana	GSM 900, UMTS 2100	x	x	x				
Ghana	Glo Mobile Ghana	GSM 900, UMTS 2100	x	x	x				
Ghana	MTN- Scacom Ltd	GSM 900/1800, UMTS 900/2100	x	x	x				
Ghana	Vodafone - Ghana	GSM 900, UMTS 900	x	x	x		x		
Gibraltar	Gibtelecom Limited	GSM 900/1800, UMTS 2100, LTE 0800/1800/2600	x	x	x	x	x		
Greece	COSMOTE - Mobile Telecommunications S.A.	GSM 900/1800, UMTS 2100	x	x	x		x	x	x
Greece	Vodafone-Panafon	GSM 900, UMTS 2100, LTE 1800	x	x	x	x	x	x	x
Greece	Wind Hellas Telecommunications S.A.	GSM 900, UMTS 2100	x	x	x	x		x	x
Greenland	TELE Greenland A/S	GSM 900, UMTS 900, LTE 0800	x	x	x				
Grenada	Cable & Wireless Grenada Ltd.	GSM 850, UMTS 850, LTE 0700/1900	x	x	x				
Grenada	Digicel (Jamaica) Limited	GSM 900/1800, UMTS 2100	x	x	x		x		
Guadeloupe	DIGICEL Antilles Française Guyane	GSM 900/1800, UMTS 2100	x	x	x	x	x		
Guatemala	Claro Guatemala	GSM 900/1900, UMTS 1900, LTE 1900	x	x	x	x	x		
Guatemala	COMCEL-Comunicaciones Celulares Sociedad Anonima	GSM 850, LTE 0850	x	x	x		x		
Guernsey	JERSEY AIRTEL LIMITED	GSM 900/1800, UMTS 2100, LTE 800/1800/2600	x	x	x	x	x	x	x
Guernsey	Jersey Telecom	GSM 900, UMTS 1900/2100, LTE 0800/1800/2600	x	x	x	x	x		
Guernsey	Sure Guernsey Limited	GSM 900, UMTS 2100, LTE 0800/1800	x	x	x	x	x		
Guinea	MTN- Areeba Guinea	GSM 900/1800, UMTS 2100	x	x	x				
Guinea	Orange Guinee SA	GSM 900/1800	x	x	x				
Guinea-Bissau	MTN- Spacotel Guinee-Bissau SA	GSM 900/1800, UMTS 900/2100, LTE 0800	x	x	x				
Guyana	Guyana Telephone & Telegraph Co.	GSM 900/1800	x	x	x				
Guyana	U-Mobile (Cellular) Inc.	GSM 900	x	x	x				
Haiti	Digicel (Jamaica) Limited	GSM 900/1800, UMTS 2100	x	x	x		x		
Herm (Guernsey)	Sure Guernsey Limited	GSM 900, UMTS 2100, LTE 0800/1800	x	x	x	x	x	x	x

Honduras	Servicios de Comunicaciones de Honduras S.A. de C.V.	GSM 1900, UMTS 1900, LTE 1700/2100	x	x	x	x	x		
Honduras	Telefonica Celular S.A (CELTEL)	GSM 900	x	x	x				
Hong Kong	CSL - GSM 900/1800 - HONG KONG	GSM 900/1800, UMTS 2100, LTE 0900/1800/2600	x	x	x	x	x	x	x
Hong Kong	Hutchison Telecom (HK) Ltd	GSM 900/1800, UMTS 2100, LTE 1800/2600	x	x	x		x		
Hong Kong	SmarTone Mobile Communications Limited	GSM 900/1800, UMTS 850/2100, LTE 1800	x	x	x	x	x	x	x
Hungary	Magyar Telekom Plc	GSM 900/1800, UMTS 2100	x	x	x			x	x
Hungary	Telenor Magyarország Yrt.	GSM 900/1800/2100, UMTS 900/2100, LTE 0800	x	x	x	x		x	x
Hungary	Vodafone Hungary Ltd	GSM 900/1800, UMTS 2100, LTE 0800/2600	x	x	x	x	x	x	x
Ibiza (Spain)	Telefonica Moviles España S.A.	GSM 900/1800, UMTS 2100, LTE 0800/1800/2100/2600	x	x	x			x	x
Ibiza (Spain)	Vodafone - Spain	GSM 900/1800, UMTS 2100, LTE 1800/2600	x	x	x	x	x	x	x
Iceland	Siminn hf	GSM 900/1800, UMTS 2100, LTE 1800/2100	x	x	x	x		x	x
Iceland	Vodafone Iceland - GSM 900/1800 - ICELAND	GSM 900/1800, UMTS 900/2100, LTE 800/1800	x	x	x	x	x	x	x
In-flight services	AeroMobile AS	GSM 1800	x	x	x				
India	Bharti Airtel Limited	GSM 900/1800, UMTS 1900	x	x	x				
India	Bharti Airtel Limited	GSM 900/1800, UMTS 2100	x	x	x				
India	Bharti Airtel Limited	GSM 900/1800, UMTS 2100	x	x	x				
India	Bharti Airtel Ltd	GSM 900/1800, UMTS 2100	x	x	x				
India	Vodafone India	GSM 1800, UMTS 2100, LTE 2500	x	x	x		x	x	x
India (Andra Pradesh)	Bharti Airtel Limited	GSM 900/1800, UMTS 2100, LTE 2300	x	x	x		x		
India (Andra Pradesh)	Vodafone	GSM 1800	x	x	x		x	x	x
India (Andra Pradesh)	Vodafone Idea	GSM 900, UMTS 2100, LTE 1800/2500	x	x	x		x		
India (Bihar)	Vodafone Idea	GSM 900, UMTS 2100, LTE 1800/2500	x	x	x		x		
India (Bombay/Mumbai)	Bharti Airtel Limited	GSM 900/1800, UMTS 2100	x	x	x	x			
India (Bombay/Mumbai)	Vodafone India	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x		x	x	x
India (Calcutta/Kolkata)	Bharti Airtel Limited	GSM 900/1800, UMTS 2100	x	x	x				
India (Calcutta/Kolkata)	Vodafone Idea	GSM 900, UMTS 2100	x	x	x				
India (Calcutta/Kolkata)	Vodafone Mobile Services Limited	GSM 900, UMTS 2100, LTE 1800/2500	x	x	x		x	x	x
India (Dehli)	Vodafone Idea	GSM 900, UMTS 900	x	x	x				

India (Dehli)	Vodafone Mobile Services Limited	GSM 1800, UMTS 2100, LTE 1800	x	x	x		x	x	x
India (Goa)	Bharti Airtel Limited	GSM 900/1800, UMTS 2100	x	x	x				
India (Goa)	Vodafone Idea	GSM 900, UMTS 2100, LTE 1800/2300/2500	x	x	x		x		
India (Goa)	Vodafone Mobile Services Ltd, Maharashtra & Goa (INDBM)	GSM 1800, UMTS 2100, LTE 2500	x	x	x		x	x	x
India (Gujarat)	Bharti Airtel Limited	GSM 900/1800	x	x	x				
India (Gujarat)	Vodafone Idea	GSM 900, UMTS 2100, LTE 1800/2500	x	x	x		x		
India (Gujarat)	Vodafone Mobile services Ltd	GSM 900, UMTS 2100, LTE 1800/2300	x	x	x		x	x	x
India (Haryana)	Vodafone Idea	GSM 900, UMTS 2100, LTE 1800/2500	x	x	x		x		
India (Haryana)	Vodafone India	GSM 900, UMTS 2100, LTE 1800	x	x	x		x	x	x
India (Himachal Pradesh)	Bharti Airtel Limited	GSM 900/1800, UMTS 2100, LTE 2300	x	x	x		x		
India (Himachal Pradesh)	Vodafone Idea	GSM 900, UMTS 2100, LTE 1800/2500	x	x	x		x		
India (Karnataka)	Bharti Airtel Limited	GSM 900/1800, UMTS 2100, LTE 2300	x	x	x	x	x		
India (Karnataka)	Vodafone India	GSM 1800, UMTS 2100, LTE 1800	x	x	x		x	x	x
India (Kerala)	Vodafone Idea	GSM 900, UMTS 2100, LTE 1800/2100/2500	x	x	x		x		
India (Kerala)	Vodafone Mobile Services Limited	GSM 900, UMTS 2100, LTE 1800	x	x	x		x	x	x
India (Madhya Pradesh)	Bharti Airtel Limited	GSM 900/1800, UMTS 2100	x	x	x				
India (Madhya Pradesh)	Vodafone Idea	GSM 900, UMTS 2100, LTE 1800/2300	x	x	x		x		
India (Madras/Chennai)	Bharti Airtel Limited	GSM 900/1800, UMTS 2100, LTE 2300	x	x	x	x	x		
India (Madras/Chennai)	Vodafone India	GSM 1800, UMTS 2100, LTE 1800	x	x	x		x	x	x
India (Maharashtra)	Bharti Airtel Limited	GSM 900/1800, UMTS 2100	x	x	x				
India (Maharashtra)	Vodafone Idea	GSM 900, UMTS 2100, LTE 1800/2300/2500	x	x	x		x		
India (Maharashtra)	Vodafone Mobile Services Ltd, Maharashtra & Goa (INDBM)	GSM 1800, UMTS 2100, LTE 2500	x	x	x		x	x	x
India (Punjab)	Bharti Airtel Limited	GSM 900/1800, UMTS 2100, LTE 2300	x	x	x		x		
India (Punjab)	Vodafone Idea	GSM 900, UMTS 2100, LTE 1800	x	x	x		x		
India (Punjab)	Vodafone India	GSM 1800, UMTS 2100, LTE 1800	x	x	x		x	x	x
India (Rajasthan)	Bharti Hexacom Ltd	GSM 900/1800, UMTS 2100, LTE 2300	x	x	x	x	x		
India (Rajasthan)	Vodafone Idea	GSM 900, UMTS 2100, LTE 1800/2500	x	x	x		x		

India (Rajasthan)	Vodafone India	GSM 900, UMTS 2100, LTE 2300	x	x	x		x	x	x
India (Tamil Nadu)	Bharti Airtel Limited	GSM 900/1800, UMTS 2100, LTE 2300	x	x	x	x	x		
India (Tamil Nadu)	Vodafone Mobile Services Limited Tamil Nadu	GSM 1800, UMTS 2100, LTE 2500	x	x	x		x	x	x
India (Uttar Pradesh East)	Vodafone Idea	GSM 900, UMTS 2100, LTE 2100/2500	x	x	x		x		
India (Uttar Pradesh East)	Vodafone India	GSM 900, UMTS 2100, LTE 1800/2300	x	x	x		x	x	x
India (Uttar Pradesh West)	Vodafone Idea	GSM 900, LTE 1800/2500	x	x	x		x		
India (Uttar Pradesh West)	Vodafone India	GSM 900, UMTS 2100, LTE 2300	x	x	x		x	x	x
India (West Bengal)	Vodafone	GSM 900, UMTS 2100	x	x	x		x	x	x
Indonesia	Hutchison 3 Indonesia	GSM 1800, UMTS 2100, LTE 1800/2100	x	x	x				
Indonesia	PT Telekomunikasi Selular	GSM 900/1800, UMTS 2100, LTE 0900	x	x	x	x	x	x	x
Indonesia	XL Axiata	GSM 900/1800, UMTS 900/2100, LTE 1800/2100	x	x	x	x	x	x	x
Iran (Islamic Republic of)	MCI	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Iraq	Atheer Telecom Iraq	GSM 900, UMTS 2100	x	x	x				
Iraq	Korek Telecom Ltd.	GSM 900/1800, UMTS 2100	x	x	x				
Ireland	O2 Communications (Ireland) Ltd	GSM 900/1800, UMTS 2100	x	x	x	x			
Ireland	Vodafone - Ireland	GSM 900/1800, UMTS 2100, LTE 0800	x	x	x	x	x	x	x
Isle Of Man	Manx Telecom	GSM 900, UMTS 2100, LTE 0800/1800	x	x	x	x	x	x	x
Isle Of Man	Sure Guernsey Limited	GSM 900, UMTS 2100, LTE 0800/1800	x	x	x	x	x	x	
Israel	Cellcom Israel Ltd	GSM 1800, UMTS 850/2100, LTE 1800	x	x	x	x	x		
Israel	Partner Communications Company Ltd	GSM 900/1800, UMTS 1800, LTE 1800	x	x	x	x	x		
Israel	Pelephone Communications Ltd.	GSM 850, UMTS 2100, LTE 1800	x	x	x		x		
Italy	Telecom Italia SpA	GSM 900/1800, UMTS 2100	x	x	x			x	x
Italy	Vodafone Italia S.p.A	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x	x	x	x	x
Italy	Wind Tre S.p.A.	GSM 900/1800, UMTS 900/2100, LTE 0800/1800/2100/2600	x	x	x	x		x	x
Ivory Coast	Atlantique Telecom Cote d'Ivoire	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Ivory Coast	MTN CÔTE D IVOIRE S.A.	GSM 900/1800, UMTS 2100	x	x	x				
Jamaica	Cable & Wireless Jamaica Limited	GSM 850/1900, UMTS 850/1900, LTE 0850	x	x	x		x		

Jamaica	Digicel (Jamaica) Limited	GSM 900/1800, UMTS 2100, LTE 0850	x	x	x		x		
Jersey	JERSEY AIRTEL LIMITED	GSM 900/1800, UMTS 2100, LTE 800/1800/2600	x	x	x	x	x	x	x
Jersey	Jersey Telecom	GSM 900, UMTS 1900/2100, LTE 0800/1800/2600	x	x	x		x	x	x
Jersey	Sure Guernsey Limited	GSM 900, UMTS 2100, LTE 0800/1800	x	x	x	x	x	x	x
Jordan	Jordan Mobile Telephone Services (JMST)	GSM 900, UMTS 2100, LTE 1800	x	x	x	x	x	x	x
Jordan	Umniah Mobile Company	GSM 1800, UMTS 2100, LTE 1800	x	x	x				
Kazakhstan	KaR-Tel LLP	GSM 900, UMTS 2100, LTE 800/1800/2100	x	x	x	x	x		
Kazakhstan	Kcell JSC	GSM 900, UMTS 2100, LTE 800/1800	x	x	x		x		
Kazakhstan	Mobile Telecom Service LLP	GSM 900, UMTS 2100, LTE 1800	x	x	x		x		
Kenya	Airtel -Telkom Ltd.	GSM 900/1800, UMTS 2100	x	x	x		x		
Kenya	Safaricom Limited	GSM 900/1800, UMTS 2100, LTE 800/1800	x	x	x	x	x		
Kiribati	ATHKL Amalgamated Telecom Holdings Ltd.	GSM 900, UMTS 900, LTE 1800	x	x	x				
Korea, Republic Of	SK Telecom	UMTS 2100, LTE 0850/1800/2100	x	x	x	x	x		
Kosovo	IPKO Telecommunications LLC	LTE 1800	x	x	x		x		
Kosovo	Monaco Telecom- Vala 900 Kosovo	GSM 900/1800, UMTS 2100, LTE 800/2600	x	x	x		x		
Kreta (Greece)	COSMOTE - Mobile Telecommunications S.A.	GSM 900/1800, UMTS 2100	x	x	x		x	x	x
Kreta (Greece)	Vodafone-Panafon	GSM 900, UMTS 2100, LTE 1800	x	x	x	x	x	x	x
Kreta (Greece)	Wind Hellas Telecommunications S.A.	GSM 900, UMTS 2100	x	x	x	x		x	x
Kuwait	Mobile Telecommunications Co.	GSM 900/1800, UMTS 2100, LTE 0800/1800/2100/2500/2600	x	x	x	x			
Kuwait	Ooredoo Kuwait	GSM 900/1800, UMTS 900/2100, LTE 0800/1800/2100/2600	x	x	x		x		
Kuwait	stc Kuwait	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x		x		
Kyrgyzstan	Alfa Telecom Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 0800/1800/2100	x	x	x		x		
Kyrgyzstan	Sky Mobile LLC	GSM 900/1800, UMTS 900/2100, LTE 0800/1800/2600	x	x	x	x	x		
Lao People's Democratic Republic	TPLUS	GSM 900/1800	x	x	x				
Latvia	SIA Bite Latvija	GSM 900/1800, UMTS 2100, LTE 2100	x	x	x	x	x		
Latvia	TELE2	GSM 900/1800, UMTS 2100, LTE 0800/1800/2600	x	x	x	x	x	x	x

Lebanon	MIC 1	GSM 900, UMTS 2100, LTE 1800	x	x	x				
Lebanon	MIC 2	GSM 900, UMTS 2100	x	x	x				
Lesotho	Vodacom Lesotho (Pty) Ltd	GSM 900, UMTS 2100, LTE 800	x	x	x	x	x		
Liberia	Lonestar Communications Corporation	GSM 900/1800	x	x	x				
Liberia	Orange Liberia, Inc	GSM 900/1800, UMTS 900/2100	x	x	x				
Liechtenstein	Swisscom, Switzerland & Liechtenstein	GSM 900/1800, UMTS 2100, LTE 0800/1800/2600	x	x	x	x		x	x
Liechtenstein	Telecom Liechtenstein AG	GSM 900/1800, UMTS 2100, LTE 800	x	x	x		x		
Lithuania	UAB Bité Lietuva	GSM 900/1800, UMTS 2100, LTE 0800/1800/2600	x	x	x	x	x	x	x
Lithuania	UAB TELE2	GSM 900/1800, UMTS 2100, LTE 0800/1800/2600	x	x	x		x	x	x
Luxembourg	Orange S.A.	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x	x		x	x
Luxembourg	POST Luxembourg	GSM 900/1800, UMTS 2100, LTE 0800/1800/2600	x	x	x	x	x	x	x
Luxembourg	TANGO Mobile SA	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x	x	x	x	x
Macedonia, The Former Yugoslav Republic of	A1 Makedonija DOOEL Skopje	GSM 900/1800, UMTS 1900/2100, LTE 0800/1800	x	x	x		x	x	x
Macedonia, The Former Yugoslav Republic of	Makedonski Telekom	GSM 900/1800, UMTS 2100	x	x	x			x	x
Madagascar	Celtel Madagascar	GSM 900/1800, UMTS 2100	x	x	x		x		
Madagascar	Orange Madagascar S.A.	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x		x		
Madeira (Portugal)	MEO - Serviços de Comunicações e Multimédia SA	GSM 900/1800, UMTS 2100	x	x	x	x		x	x
Madeira (Portugal)	NOS Comunicações S.A.	GSM 900/1800, UMTS 1900/2100, LTE 0800/1800/2600	x	x	x	x		x	x
Madeira (Portugal)	Vodafone - Portugal	GSM 900/1800, UMTS 2100, LTE 0800/1800/2600	x	x	x	x	x	x	x
Malawi	Airtel Malawi	GSM 900, UMTS 2100	x	x	x		x	x	x
Malawi	Telekom Networks Malawi Ltd	GSM 900/1800, UMTS 2100	x	x	x				
Malaysia	Celcom Axiata Berhad (Malaysia)	GSM 900/1800, UMTS 2100, LTE 1800/2600	x	x	x	x	x		
Malaysia	DiGi Telecommunications Sdn Bhd	GSM 1800, UMTS 2100, LTE 2600	x	x	x		x		
Malaysia	Maxis Broadband Sdn. Bhd.	GSM 900/1800, UMTS 2100, LTE 1800/2600	x	x	x	x	x		
Maldives	Ooredoo Maldives Pvt Ltd	GSM 900/1800, UMTS 900/2100	x	x	x				
Mali	Malitel SA	GSM 900	x	x	x				
Mali	Orange Mali SA	GSM 900, UMTS 2100	x	x	x		x		

Mallorca (Spain)	Telefonica Moviles España S.A.	GSM 900/1800, UMTS 2100, LTE 0800/1800/2100/2600	x	x	x			x	x
Mallorca (Spain)	Vodafone - Spain	GSM 900/1800, UMTS 2100, LTE 1800/2600	x	x	x	x	x	x	x
Malta	GO p.l.c	GSM 900/1800, UMTS 900/1900	x	x	x	x		x	x
Malta	Melita Mobile Ltd.	UMTS 2100, LTE 0800/2100	x	x	x				
Malta	Vodafone - Malta	GSM 900, UMTS 2100, LTE 1800	x	x	x	x	x	x	x
Marie-Galante (French Antilles)	DIGICEL Antilles Française Guyane	GSM 900/1800, UMTS 2100	x	x	x	x			
Martinique	DIGICEL Antilles Française Guyane	GSM 900/1800, UMTS 2100	x	x	x	x	x		
Mauritania	MAURITEL MOBILES	GSM 900	x	x	x				
Mauritius	Emtel Ltd	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x		x		
Mauritius	Mahanagar Telephone (Mauritius) Ltd	GSM 900, UMTS 2100, LTE 1800	x	x	x		x		
Mauritius	Orange- Cellplus Mobile Communications Ltd.	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x	x	x		
Mayotte	Societe Reunionnaise de Radiotelephone	GSM 900/1800, UMTS 900/2100	x	x	x				
Melilla (Spain)	Telefonica Moviles España S.A.	GSM 900/1800, UMTS 2100, LTE 0800/1800/2100/2600	x	x	x			x	x
Melilla (Spain)	Vodafone - Spain	GSM 900/1800, UMTS 2100, LTE 1800/2600	x	x	x	x	x	x	x
Menorca (Spain)	Telefonica Moviles España S.A.	GSM 900/1800, UMTS 2100, LTE 0800/1800/2100/2600	x	x	x			x	x
Menorca (Spain)	Vodafone - Spain	GSM 900/1800, UMTS 2100, LTE 1800/2600	x	x	x	x	x	x	x
Mexico	Pegaso PCS, S.A. de C.V.	GSM 1900, UMTS 850/1900, LTE 1700	x	x	x		x		
Mexico	Radiomovil Dipsa SA de CV (TELCEL)	GSM 850/1900, UMTS 850, LTE 1700/2100	x	x	x	x	x		
Moldova, Republic of	Moldcell SA	GSM 900, UMTS 2100, LTE 0800/1800/2600	x	x	x		x		
Moldova, Republic of	Moldtelecom S.A.	GSM 900, UMTS 2100, LTE 900/1800	x	x	x		x		
Moldova, Republic of	Orange Moldova S.A.	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x	x	x
Monaco	Bouygues Telecom	GSM 900/1800, UMTS 2100, LTE 0800/1800/2600	x	x	x	x	x	x	x
Monaco	Monaco Telecom SAM	UMTS 2100, LTE 0700/0800/1800/2600	x	x	x		x		
Mongolia	MobiCom	GSM 900/1800, UMTS 2100, LTE 0700/1800/2600	x	x	x				
Mongolia	Skytel LLC	UMTS 850/2100, LTE 1800	x	x	x				
Mongolia	Unitel LLC	GSM 900/1800, UMTS 2100, LTE 0700/1800/2300	x	x	x		x		

Montenegro	Crnogorski Telekom a.d. Podgorica	GSM 900/1800, UMTS 2100	x	x	x		x		
Montenegro	MTEL D.O.O. PODGORICA	GSM 900/1800, UMTS 2100, LTE 1800/2600	x	x	x		x		
Montenegro	Telenor d.o.o. Podgorica	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x	x	x		
Montserrat	Cable & Wireless West Indies Ltd (Montserrat)	GSM 850	x	x	x				
Morocco	IAM	GSM 900/1800, UMTS 2100, LTE 800/1800	x	x	x		x	x	x
Morocco	Medi Telecom	GSM 900/1800, UMTS 2100, LTE 800	x	x	x	x	x	x	x
Mozambique	Mcel (Mozambique telecom)	GSM 900/1800, UMTS 900/2100	x	x	x			x	x
Mozambique	Vodacom Mozambique	GSM 900/1800, UMTS 2100	x	x	x		x		
Myanmar	Myanmar Posts and Telecommunications	GSM 900, UMTS 2100	x	x	x		x		
Myanmar	Ooredoo Myanmar Limited	GSM 900, UMTS 900/2100, LTE 1800	x	x	x		x		
Namibia	MTC Namibia	GSM 900/1800, UMTS 2100	x	x	x	x			
Namibia	Telecom Namibia	GSM 900/1800, UMTS 2100	x	x	x				
Nauru	Digicel (Fiji) Limited	GSM 900, UMTS 900, LTE 1800/700	x	x	x		x		
Nepal	Ncell Private Limited	GSM 900/1800, UMTS 900/2100, LTE 1800	x	x	x	x	x		
Netherlands Antilles	Curacao Telecom N.V.	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x		x		
Netherlands Antilles	Setel NV	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x				
New Caledonia	OPT New Caledonia	GSM 900, UMTS 2100	x	x	x	x			
New Zealand	Spark New Zealand Trading Limited	UMTS 850/2100	x	x	x				
New Zealand	Vodafone - New Zealand	GSM 900/1800, UMTS 2100, LTE 0700/1800	x	x	x	x	x		
Nicaragua	Claro	GSM 850/1900, UMTS 850, LTE 1700/2100	x	x	x		x		
Nicaragua	Telefonia Celular de Nicaragua S.A.	GSM 850, LTE 0700	x	x	x		x		
Niger	Celtel Niger	GSM 900	x	x	x				
Niger	Orange Niger S.A	GSM 900/1800, UMTS 2100	x	x	x				
Niger	Telecel Niger SA (Moov)	GSM 900	x	x	x				
Nigeria	Airtel (Bharti) Networks Ltd Nigeria	GSM 900/1800, UMTS 2100	x	x	x	x			
Nigeria	MTN Nigeria Communications Limited	GSM 900/1800, UMTS 2100	x	x	x				
Northern Cyprus	Vodafone Telekomunikasyon A.S	GSM 900, UMTS 2100, LTE 0900/1800/2100/2600	x	x	x	x	x	x	x

Northern Ireland (United Kingdom)	EE Ltd.	GSM 1800, UMTS 2100, LTE 0800/1800/2100/2600	x	x	x	x		x	x
Northern Ireland (United Kingdom)	Telefónica O2 UK Limited	GSM 900/1800, UMTS 2100	x	x	x	x		x	x
Northern Ireland (United Kingdom)	Vodafone - UK	GSM 900/1800, UMTS 2100, LTE 0800	x	x	x	x	x	x	x
Norway	Telenor Norway	GSM 900/1800, UMTS 900, LTE 0800/1800/2600	x	x	x	x	x	x	x
Norway	Telia Norge AS	GSM 900/1800, UMTS 2100	x	x	x	x	x	x	x
Oman	Oman Telecommunications Company	GSM 900/1800, UMTS 2100, LTE 1800/2300	x	x	x		x		
Oman	Omani Qatari Telecommunications Company SAOG	GSM 900, UMTS 900/2100, LTE 0800/0900/1800/2100/2600	x	x	x		x		
Pakistan	Pakistan Telecommunication Mobile Ltd	GSM 900/1800, UMTS 2100	x	x	x				
Pakistan	Telenor Pakistan (Pvt) Ltd.	GSM 900/1800	x	x	x		x		
Palestinian Territory, occupied	Palestine Telecomm Co Ltd	GSM 900	x	x	x				
Panama	Cable & Wireless Panama - GSM 850 - PANAMA, REPUB	GSM 850, UMTS 850, LTE 700	x	x	x	x			
Panama	Claro Panama S.A.	GSM 1900, UMTS 850/1900, LTE 700/1900	x	x	x	x	x		
Panama	Digicel (Panama) S.A.	GSM 1900, UMTS 1900	x	x	x		x		
Panama	TELEFONICA MOVILES PANAMA, S.A.	GSM 850/1900, UMTS 850/1900	x	x	x		x		
Papua New Guinea	Bemobile Limited	GSM 900, UMTS 900	x	x	x				
Papua New Guinea	Digicel PNG Ltd.	GSM 900, UMTS 900	x	x	x		x		
Paraguay	AMX Paraguay S.A.	GSM 1900, UMTS 1900, LTE 1700/2100	x	x	x		x		
Paraguay	Telefonica Celular Del Paraguay S.A. (Telecel S.A.)	GSM 850/1900, UMTS 850	x	x	x				
Peru	Entel Perú S.A.	UMTS 1900, LTE 1700/2100	x	x	x		x		
Peru	Telefonica del Peru SA.A.	GSM 850/1900, UMTS 850, LTE 0700	x	x	x		x		
Philippines	Globe Telecom	GSM 900/1800/1900, UMTS 900/2100, LTE 1800	x	x	x	x	x		
Philippines	Smart Communications Inc	GSM 900/1800, UMTS 850/2100, LTE 0850/1800/2100	x	x	x	x	x		
Poland	Orange Polska S.A	GSM 900/1800, UMTS 900/2100, LTE 1800	x	x	x		x	x	x
Poland	P4 Sp. Z o. o	GSM 900/1800, UMTS 900/2100, LTE 1800/2100	x	x	x		x		
Poland	Polkomtel sp. Z o. o.	GSM 900/1800, UMTS 2100, LTE 1800/2100	x	x	x	x	x	x	x
Poland	T-Mobile Polska	GSM 900/1800, UMTS 2100	x	x	x	x	x	x	x

Portugal	MEO - Serviços de Comunicações e Multimédia SA	GSM 900/1800, UMTS 2100	x	x	x	x		x	x
Portugal	NOS Comunicações S.A.	GSM 900/1800, UMTS 1900/2100, LTE 0800/1800/2600	x	x	x	x		x	x
Portugal	Vodafone - Portugal	GSM 900/1800, UMTS 2100, LTE 0800/1800/2600	x	x	x	x	x	x	x
Puerto Rico	Puerto Rico Telephone Company Inc.	GSM 1900, UMTS 850/1900, LTE 0700/1700/2100	x	x	x		x		
Puerto Rico	T-Mobile	GSM 1900, UMTS 1700/2100, LTE 1700/2100	x	x	x		x		
Qatar	Vodafone Qatar Q.S.C.	GSM 900/1800, UMTS 900/2100, LTE 0800/1800	x	x	x	x	x		
Rhodos (Greece)	COSMOTE - Mobile Telecommunications S.A.	GSM 900/1800, UMTS 2100	x	x	x		x	x	x
Rhodos (Greece)	Vodafone-Panafon	GSM 900, UMTS 2100, LTE 1800	x	x	x	x	x	x	x
Rhodos (Greece)	Wind Hellas Telecommunications S.A.	GSM 900, UMTS 2100	x	x	x	x		x	x
Romania	Orange Romania SA	GSM 900/1800, UMTS 2100	x	x	x			x	x
Romania	Vodafone - Romania	GSM 900, UMTS 2100, LTE 1800	x	x	x	x	x	x	x
Russian Federation	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Adygeya Republic)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Altai Krai)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Altai Krai)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Altai Republic)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Amur Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Amur Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Arkhangelsk Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Arkhangelsk Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Astrakhan Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Astrakhan Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Bashkortostan Republic)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Bashkortostan Republic)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		

Russian Federation (Bryansk Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Bryansk Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Buryatia Republic)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Buryatia Republic)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Chechnya Republic)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Chelyabinsk Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Chelyabinsk Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Chita Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Chita Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Chuvashia Republic)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Chuvashia Republic)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Irkutsk Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Ivanovo Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Ivanovo Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Jewish Autonomous)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Jewish Autonomous)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Kaliningrad Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Kaliningrad Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Kalmykia Republic)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Kaluga Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Kaluga Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Kamchatka Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Karelia Republic)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Karelia Republic)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		

Russian Federation (Kemerovo Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Kemerovo Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Khabarovsk Krai)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Khabarovsk Krai)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Khakassia Republic)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Khanty-Mansiysk Autonomous)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Khanty-Mansiysk Autonomous)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Kirov Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Kirov Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Komi Republic)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Komi Republic)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Kostroma Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Kostroma Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Krasnodar Krai)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Krasnodar Krai)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Kurgan Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Kurgan Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Kursk Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Leningrad Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Leningrad Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Lipetsk Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Magadan Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Mari El Republic)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		

Russian Federation (Mordovia Republic)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x	x		
Russian Federation (Mordovia Republic)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x	x		
Russian Federation (Moscow Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x	x		
Russian Federation (Moscow Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x	x		
Russian Federation (Moscow)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x	x		
Russian Federation (Moscow)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x	x		
Russian Federation (Murmansk Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x	x		
Russian Federation (Murmansk Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x	x		
Russian Federation (Nenetses Autonomous)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x	x		
Russian Federation (Nizhny Novgorod Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x	x		
Russian Federation (Nizhny Novgorod Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x	x		
Russian Federation (Northern Ossetia - Alaniya Republic)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x	x		
Russian Federation (Novgorod Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x	x		
Russian Federation (Novgorod Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x	x		
Russian Federation (Novosibirsk Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x	x		
Russian Federation (Omsk Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x	x		
Russian Federation (Omsk Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x	x		
Russian Federation (Orel Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x	x		
Russian Federation (Orel Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x	x		
Russian Federation (Orenburg Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x	x		
Russian Federation (Orenburg Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x	x		
Russian Federation (Penza Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x	x		
Russian Federation (Perm Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x	x		
Russian Federation (Perm Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x	x		

Russian Federation (Primorsk Krai)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Primorsk Krai)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Pskov Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Pskov Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Rostov Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Rostov Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Ryazan Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Ryazan Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Sakha-Yahutiya Republic)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Sakha-Yahutiya Republic)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Sakhalin Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Sakhalin Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Samara Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Samara Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Saratov Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Smolensk Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Smolensk Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (St. Petersburg)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (St. Petersburg)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Stavropol Krai)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Stavropol Krai)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Sverdlovsk Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Sverdlovsk Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Taimyr Autonomous)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		

Russian Federation (Taimyr Autonomous)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Tambov Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Tambov Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Tatarstan Republic)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Tatarstan Republic)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Tomsk Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Tomsk Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Tula Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Tula Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Tver Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Tver Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Tyumen Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Tyumen Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Tyva Republic)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Udmurtia Republic)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Udmurtia Republic)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Ulyanovsk Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Ulyanovsk Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Vladimir Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Vladimir Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Volgograd Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Volgograd Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Vologda Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Vologda Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		

Russian Federation (Voronezh Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Voronezh Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Yamal Nenetses Autonomous)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Russian Federation (Yaroslavl Oblast)	MegaFon, Open Joint Stock Company	GSM 900/1800, UMTS 900/2100, LTE 800/2600	x	x	x		x		
Russian Federation (Yaroslavl Oblast)	MTS PJSC	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x		x		
Rwanda	Airtel -TIGO RWANDA S.A	GSM 900/1800, UMTS 2100	x	x	x				
Rwanda	Airtel Rwanda Limited	GSM 900/1800, UMTS 2100	x	x	x				
Réunion	Societe Reunionnaise de Radiotelephone	GSM 900/1800, UMTS 900/2100	x	x	x				
Saba (Dutch Antilles)	Setel NV	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x				
Samoa	Bluesky Samoa Limited	GSM 900/1800/1900, UMTS 2100	x	x	x		x		
Samoa	Digicel Samoa	GSM 900, UMTS 2100, LTE 0700/1800	x	x	x		x		
San Marino	Telecom Italia SpA	GSM 900/1800, UMTS 2100	x	x	x			x	x
San Marino	Vodafone Italia S.p.A	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x	x		x	x
San Marino	Wind Tre S.p.A.	GSM 900/1800, UMTS 900/2100, LTE 0800/1800/2100/2600	x	x	x	x		x	x
Sao Tome And Principe	Companhia Santomense de Telecomunicacoes SARL	GSM 900/1800	x	x	x				
Sardinia (Italy)	Telecom Italia SpA	GSM 900/1800, UMTS 2100	x	x	x			x	x
Sardinia (Italy)	Vodafone Italia S.p.A	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x	x	x	x	x
Sardinia (Italy)	Wind Tre S.p.A.	GSM 900/1800, UMTS 900/2100, LTE 0800/1800/2100/2600	x	x	x	x		x	x
Sark (Guernsey)	Sure Guernsey Limited	GSM 900, UMTS 2100, LTE 0800/1800	x	x	x	x	x	x	x
Saudi Arabia	Etihad Etisalat Company	GSM 900/1800, UMTS 2100, LTE 1800/2600	x	x	x	x	x		
Saudi Arabia	MTC Saudi Arabia	GSM 900/1800, UMTS 2100, LTE 0800/1800/2600	x	x	x		x		
Saudi Arabia	Saudi Telecom Company (STC)	GSM 900, UMTS 2100, LTE 1800/2300	x	x	x	x	x		
Scotland (United Kingdom)	EE Ltd.	GSM 1800, UMTS 2100, LTE 0800/1800/2100/2600	x	x	x	x		x	x
Scotland (United Kingdom)	Telefónica O2 UK Limited	GSM 900/1800, UMTS 2100	x	x	x	x		x	x
Scotland (United Kingdom)	Vodafone - UK	GSM 900/1800, UMTS 2100, LTE 0800	x	x	x	x	x	x	x
Senegal	Expresso Senegal S.A.	GSM 900/1800, UMTS 2100	x	x	x				

Senegal	Sonatel	GSM 900, UMTS 2100	x	x	x				
Serbia	Telenor D.o.o.	GSM 900/1800, UMTS 900/2100, LTE 0800/1800	x	x	x	x	x	x	x
Serbia	Vip mobile d.o.o.	GSM 900/1800, UMTS 2100, LTE 0800/1800	x	x	x		x	x	x
Serbia & Montenegro	Telekom Srbija	GSM 900/1800, UMTS 2100, LTE 0800/1800	x	x	x		x		
Seychelles	Airtel Seychelles Ltd	GSM 900, UMTS 2100, LTE 800	x	x	x		x		
Seychelles	Cable & Wireless (Seychelles)	GSM 900, LTE 0800/1800	x	x	x			x	x
Sicilia (Italy)	Telecom Italia SpA	GSM 900/1800, UMTS 2100	x	x	x			x	x
Sicilia (Italy)	Vodafone Italia S.p.A	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x	x	x	x	x
Sicilia (Italy)	Wind Tre S.p.A.	GSM 900/1800, UMTS 900/2100, LTE 0800/1800/2100/2600	x	x	x	x		x	x
Sierra Leone	Celtel (SL) Limited	GSM 900/1800, UMTS 2100	x	x	x				
Sierra Leone	LINTEL (Sierra Leone) Limited	GSM 900, UMTS 900	x	x	x				
Slovakia	O2 Slovakia, s.r.o.	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x		x		
Slovakia	Orange Slovensko a.s.	GSM 900/1800, UMTS 2100, LTE 800/2600	x	x	x	x	x	x	x
Slovakia	Slovak Telekom, a.s.	GSM 900/1800, UMTS 2100, LTE 0800/1800/2600	x	x	x	x		x	x
Slovenia	A-1 Slovenija	GSM 900/1800, UMTS 900/1900, LTE 1800	x	x	x	x	x	x	x
Slovenia	Telekom Slovenije d.d.	GSM 900/1800, UMTS 2100, LTE 0800/0900/1800/2100/2600	x	x	x	x	x	x	x
Solomon Islands	Bemobile (Solomon Islands) Limited	GSM 900, UMTS 2100	x	x	x				
South Africa	Cell C (Pty) Ltd	GSM 900/1800, UMTS 900/2100	x	x	x				
South Africa	MTN - Mobile Telephone Networks (Pty) Ltd.	GSM 900/1800, UMTS 2100	x	x	x			x	x
South Africa	Vodacom (Pty) Ltd.	GSM 900, UMTS 2100, LTE 1800	x	x	x	x	x	x	x
Spain	Telefonica Moviles España S.A.	GSM 900/1800, UMTS 2100, LTE 0800/1800/2100/2600	x	x	x			x	x
Spain	Vodafone - Spain	GSM 900/1800, UMTS 2100, LTE 1800/2600	x	x	x	x	x	x	x
Sri Lanka	Dialog Telekom PLC	GSM 900/1800, UMTS 2100, LTE 1800/2300	x	x	x	x	x		
Sri Lanka	Hutchison Telecommunications Lanka (Pte) Limited	GSM 900/1800, UMTS 2100	x	x	x				
Sri Lanka	Mobitel (Pvt) Limited	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x		x		
St Barth	DIGICEL Antilles Française Guyane	GSM 900/1800, UMTS 2100	x	x	x	x	x		

St Barth	Setel NV	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x				
St Eustatius (Dutch Antilles)	Setel NV	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x				
St Kitts And Nevis	Cable & Wireless St Kitts & Nevis Limited	GSM 850/1900, UMTS 2100, LTE 0700/1900	x	x	x		x		
St Kitts And Nevis	Digicel (Jamaica) Limited	GSM 900/1800/1900, UMTS 2100, LTE 0700/1700/2100	x	x	x		x		
St Kitts And Nevis	Setel NV	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x				
St Lucia	Cable & Wireless	GSM 850, UMTS 2100, LTE 0700/1900	x	x	x		x		
St Lucia	Digicel (Jamaica) Limited	GSM 900/1800, UMTS 2100	x	x	x		x		
St Maarten (Dutch Antilles)	Setel NV	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x				
St Martin	DIGICEL Antilles Française Guyane	GSM 900/1800, UMTS 2100	x	x	x	x	x		
St Martin	Setel NV	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x				
St Vincent And The Grenadines	Cable & Wireless Caribbean Cellular (St. Vincent & the Grenadines) Ltd	GSM 850, UMTS 850, LTE 1700/1900	x	x	x				
St Vincent And The Grenadines	Digicel (Jamaica) Limited	GSM 900/1800, UMTS 2100	x	x	x		x		
Suriname	Digicel Suriname NV	GSM 850/1900, UMTS 850	x	x	x				
Suriname	Telesur	GSM 900/1800, UMTS 2100	x	x	x				
Svalbard and Jan Mayen Islands	Telenor Norway	GSM 900/1800, UMTS 900, LTE 0800/1800/2600	x	x	x	x		x	x
Sweden	Tele 2 AB	GSM 900/1800, UMTS 2100, LTE 2600	x	x	x	x	x	x	x
Sweden	Telenor Sverige AB	GSM 900, UMTS 2100, LTE 0800/0900/1800/2600	x	x	x	x	x	x	x
Switzerland	Swisscom, Switzerland & Liechtenstein	GSM 900/1800, UMTS 2100, LTE 0800/1800/2600	x	x	x	x	x	x	x
Tajikistan	CJSC Babilon-Mobile	GSM 900/1800, UMTS 2100, LTE 1800/2100	x	x	x		x		
Tajikistan	Indigo Tajikistan	GSM 900/1800, UMTS 2100	x	x	x				
Tanzania, United Republic of	Airtel Tanzania Limited	GSM 900/1800, UMTS 2100	x	x	x				
Tanzania, United Republic of	Vodacom Tanzania Limited	GSM 900/1800, UMTS 2100, LTE 800	x	x	x	x	x		
Thailand	dtac TriNet Co., Ltd.	GSM 1800, UMTS 850/2100, LTE 2100	x	x	x		x		
Thailand	True Move H Universal Communication	GSM 1800, UMTS 850/2100, LTE 2100	x	x	x		x		
Thailand	True Move H Universal Communication	GSM 1800, UMTS 850/2100	x	x	x				

The Saints (French Antilles)	DIGICEL Antilles Française Guyane	GSM 900/1800, UMTS 2100	x	x	x	x			
Togo	Moov Togo	GSM 900	x	x	x				
Togo	Togo Telecom	GSM 900, UMTS 2100	x	x	x				
Tonga	Tonga Communications Corporation	GSM 900, UMTS 900	x	x	x				
Trinidad and Tobago	Digicel Trinidad and Tobago Ltd	GSM 850/1900, UMTS 850/1900	x	x	x		x		
Trinidad and Tobago	Telecommunications Services of Trinidad and Tobago Ltd	GSM 1800, LTE 1900	x	x	x				
Tunisia	Ooredoo Tunisie SA	GSM 900/1800, UMTS 900/2100, LTE 0800/1800	x	x	x		x		
Tunisia	Orange Tunisie	GSM 900/1800, UMTS 2100	x	x	x				
Tunisia	Tunisie Telecom	GSM 900/1800, UMTS 2100, LTE 0800/1800	x	x	x				
Turkey	Avea İletisim Hizmetleri A.S.	GSM 1800, UMTS 2100, LTE 0800/1800/2100	x	x	x			x	x
Turkey	Vodafone Telekomunikasyon A.S	GSM 900, UMTS 2100, LTE 0900/1800/2100/2600	x	x	x	x	x	x	x
Turks and Caicos Islands	Cable & Wireless West Indies Ltd (Turks & Caicos)	GSM 850, UMTS 850, LTE 0700/1900	x	x	x		x		
Turks and Caicos Islands	Digicel (Jamaica) Limited	GSM 900/1800, UMTS 2100, LTE 700	x	x	x		x		
Uganda	Africell Uganda Limited	GSM 900/1800, UMTS 2100	x	x	x				
Uganda	Airtel Uganda Limited	GSM 900, UMTS 2100, LTE 1800/2600	x	x	x		x		
Uganda	MTN Uganda Ltd	GSM 900/1800, UMTS 900/2100	x	x	x				
Ukraine	Kyivstar GSM JSC	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x			x	x
Ukraine	Lifecell LLC	GSM 900/1800, UMTS 2100	x	x	x				
Ukraine	PrJSC "VF Ukraine"	GSM 900/1800, UMTS 2100, LTE 1800/2600	x	x	x		x	x	x
United Arab Emirates	Emirates Integrated Telecommunications Company PJSC	GSM 900/1800, UMTS 2100, LTE 800/1800	x	x	x	x	x	x	x
United Arab Emirates	Emirates Telecommunications Group Company PJSC (Etisalat)	GSM 900, UMTS 900/2100, LTE 0800/1800/2100	x	x	x	x	x	x	x
United Kingdom	EE Ltd.	GSM 1800, UMTS 2100, LTE 0800/1800/2100/2600	x	x	x	x		x	x
United Kingdom	Telefónica O2 UK Limited	GSM 900/1800, UMTS 2100	x	x	x	x		x	x
United Kingdom	Vodafone - UK	GSM 900/1800, UMTS 2100, LTE 0800	x	x	x	x	x	x	x
United States	Commnet Wireless, LLC	GSM 850/1900, UMTS 850/1900	x	x	x				
United States	Limitless Mobile LLC	GSM 1900, LTE 1900	x	x	x				

United States	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
Uruguay	AM Wireless Uruguay S.A.	GSM 1900, UMTS 1900	x	x	x	x			
Uruguay	ANTEL	GSM 900/1800, UMTS 850/2100, LTE 1700/2100	x	x	x	x	x		
Uruguay	Telefonica Moviles Del Uruguay S.A.	GSM 850/1900, UMTS 850/1900, LTE 0700/1900	x	x	x				
US (Alabama)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Arizona)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Arkansas)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (California)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Colorado)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Connecticut)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Delaware)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (District of Columbia)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Florida)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Georgia)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Hawaii)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Idaho)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Illinois)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		

US (Indiana)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Iowa)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Kansas)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Kentucky)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Louisiana)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Maine)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Maryland)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Massachusetts)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Michigan)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Minnesota)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Mississippi)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Missouri)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Nebraska)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Nevada)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (New Hampshire)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (New Jersey)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		

US (New Mexico)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (New York)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Ohio)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Oklahoma)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Oregon)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Pennsylvania)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Rhode Island)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Tennessee)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Texas)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Utah)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Virginia)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Washington)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (West Virginia)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
US (Wisconsin)	T-Mobile	GSM 1900, UMTS 1700/1900/2100, LTE 700/1700/1900	x	x	x		x		
Uzbekistan	UMS	GSM 900/1800, UMTS 2100, LTE 0800	x	x	x		x		
Uzbekistan	Unitel LLC	GSM 900/1800, UMTS 2100, LTE 0800/0850/2600	x	x	x		x		
Vanuatu	Digicel (Vanuatu) Ltd	GSM 900, UMTS 900/2100, LTE 1800	x	x	x		x		

Vatican City State (Holy See)	Telecom Italia SpA	GSM 900/1800, UMTS 2100	x	x	x			x	x
Vatican City State (Holy See)	Vodafone Italia S.p.A	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x	x		x	x
Vatican City State (Holy See)	Wind Tre S.p.A.	GSM 900/1800, UMTS 900/2100, LTE 0800/1800/2100/2600	x	x	x	x		x	x
Venezuela	Telefónica Venezolana C.A.	GSM 850/1900, UMTS 1900	x	x	x				
Viet Nam	Hanoi Telecom Joint Stock Company	GSM 900, UMTS 2100	x	x	x				
Viet Nam	Vietel Corporation	GSM 900/1800, UMTS 2100, LTE 1800	x	x	x	x	x		
Viet Nam	VinaPhone International	GSM 900/1800, UMTS 900/2100, LTE 1800	x	x	x		x		
Virgin Islands (British)	Cable & Wireless (West Indies) Limited	GSM 850, UMTS 850, LTE 0700/1900	x	x	x		x		
Virgin Islands (British)	Caribbean Cellular Telephone	GSM 900/1800, UMTS 2100	x	x	x				
Wales (United Kingdom)	EE Ltd.	GSM 1800, UMTS 2100, LTE 0800/1800/2100/2600	x	x	x	x		x	x
Wales (United Kingdom)	Telefónica O2 UK Limited	GSM 900/1800, UMTS 2100	x	x	x	x		x	x
Wales (United Kingdom)	Vodafone - UK	GSM 900/1800, UMTS 2100, LTE 0800	x	x	x	x	x	x	x
West Bank	Palestine Telecomm Co Ltd	GSM 900	x	x	x				
West Bank	Partner Communications Company Ltd	GSM 900/1800, UMTS 1800, LTE 1800	x	x	x	x	x		
Western Sahara	IAM	GSM 900/1800, UMTS 2100, LTE 800/1800	x	x	x		x	x	x
Western Sahara	Medi Telecom	GSM 900/1800, UMTS 2100, LTE 800	x	x	x	x	x	x	x
Zambia	Airtel Networks Zambia Plc.	GSM 900/1800, UMTS 2100	x	x	x	x		x	x
Zambia	MTN (Zambia) Ltd	GSM 900, UMTS 2100, LTE 1800	x	x	x				
Zanzibar	Airtel Tanzania Limited	GSM 900/1800, UMTS 2100	x	x	x				
Zimbabwe	Econet Wireless (Private) Limited	GSM 900, UMTS 2100	x	x	x				
Zimbabwe	Telecel Zimbabwe (PVT) Ltd	GSM 900, UMTS 2100	x	x	x				