

Country	Features	Network Code	Band	IP Roaming	Non-IP Roaming			Data Transportation via		RRC Activity Timer	Release Assistance Indication		PSM PSM Activity Timer T3324			Data Packet Buffering (HLCom)		LP-TAU Extended timer T3412		eDRX				SMS support	Power Classes (3, 5, 6)	CE Level (0, 1, 2)	Coverage Map link (if available)		
					Yes/No	via SCEF	via PGW	Control Plane	User Plane		NAS (Rel. 13)	Access Stratum (Rel. 14)	No/static/dynamic	min value	max value	Yes/No	Nb of Packets	No/static/dynamic	Min value	Max value	No/static/dynamic	T eDRX Min value	T eDRX Max value					T PTW Min value	T PTW Max value
Austria	Magenta Telekom	23203	Band 8	IPv4, IPv6	No			Yes	No	8s/12s/22s	Yes	No	Dynamic	0s	186 min	Yes	10	Dynamic	1 hr	310 hrs	Dynamic	20,48 s	10485,76 s	2,56 s	40,96 s	No	Yes (3&5)	0,1,2	
Croatia	Hrvatski Telekom	21901	Band 20	IPv4, IPv6	No			Yes	No	10s/15s/20s	Yes	No	Dynamic	0s	186 min	Yes		No			No				No	Yes (3&5)	0,1,2		
Czech Republic	Vodafone Czech Republic	23003	Band 8 & 20	IPv4	No			Yes	Yes	20s	Yes	No	Dynamic	0s	186 min	Yes	1	Dynamic	70 mins	34400 min	Dynamic	20,48	10485,76	5,12	40,96	No	3,5,6	0,1,2	https://www.vodafone.cz/en/coverage
Czech Republic	T-Mobile Czech	23001	Band 20	IPv4, IPv6	No			Yes	No	20s/20s/20s	Yes	No	Dynamic	0s	186 min	Yes	10	Dynamic	1 hr	310 hrs	No				No	Yes (3&5)	0,1,2		
Denmark	Telia Denmark		Band 20							5s	No		Dynamic	0s	186 min	Yes	2	Dynamic	60min	310hrs					No	Yes (3&5)	Yes		
Estonia	Telia Estonia		Band 3, 1 & 20							5s	No		Dynamic	0s	186 min	Yes	2	Dynamic	60min	310hrs	Dynamic	20,48s			20,48s	No	Yes (3&5)	Yes	
Finland	Telia Finland		Band 3 & 20							5s	No		Dynamic	0s	186 min	Yes	2	Dynamic	60min	310hrs	Dynamic	20,48s			20,48s	No	Yes (3&5)	Yes	
Germany	Vodafone Germany	26202	Band 20	IPv4, IPv6, Dual-stack	No			Yes	Yes	5s/10s/20s (West)	Yes	No	Dynamic	0s	186 min	Yes	15	Dynamic	4h	413 days	No				No	3,5,6	0,1,2	https://www.vodafone.de/hilfe/netzab	
Germany	Telekom Deutschland	26201	Band 8	IPv4, IPv6	No			Yes	No	8s/12s/22s	Yes	No	Dynamic	0s	186 min	Yes	10	Dynamic	1 hr	310 hrs	Dynamic	20,48s	10485,76 s	2,56 s	40,96 s	No	Yes (3&5)	0,1,2	https://t-map.telekom.de/t
Greece	Vodafone Greece	20205	Band 20	IPv4	No			Yes	No	30s/30s/30s	No	No	Dynamic	0s	186 min	No		Dynamic	70 mins	34400 min	No				No	3,5,6	0,1,2		
Greece	Cosmote	20201	Band 20	IPv4, IPv6	No			Yes	Yes	20s/20s/20s	Yes	No	Dynamic	0s	186 min	No		Dynamic	1 hr	310 hrs	No				Yes	Yes (3&5)	0,1,2		
Hungary	Vodafone Hungary	21670	Band 20	IPv4	No			Yes	No	10s/10s/10s	Yes	No	Dynamic	0s	186 min	No		Dynamic	70 mins	34400 min	No				No	3,5	0,1,2		
Hungary	Magyar Telekom	21630	Band 8 & 20	IPv4, IPv6	No			Yes	No	10s/15s/20s	Yes	No	Dynamic	0s	186 min	Yes		Dynamic	1 hr	310 hrs	No				No	Yes (3&5)	0,1,2		
Ireland	Vodafone Ireland	27201	Band 20	IPv4	No			Yes	No	15s/15s/20s	Yes	No	Dynamic	0s	186 min	Yes	1	Dynamic	70 mins	34400 min	Dynamic	20,48	10485,76	5,12	40,96	No	3,5,6	0,1,2	
Italy	Vodafone Italy	22210	Band 20	IPv4	No			Yes	No	5s/5s/5s	yes	No	Dynamic	0s	186 min	No		Dynamic	70 mins	34400 min	No				No	3,5	0,1,2		
Lithuania	Telia Lithuania		Band 20							5s (20s Hua)	No		Dynamic	0s	186 min	Yes	2	Dynamic	60min	310hrs	Dynamic	20,48s			20,48s	No	Yes (3&5)	Yes	
Netherlands	Vodafone Netherlands	20404	Band 20	IPv4	No			Yes	No	10s/15s/40s	Yes	No	Dynamic	0s	186 min	Yes	1	Dynamic	70 mins	34400 min	Dynamic	20,48	10485,76	5,12	40,96	No		0,1,2	https://www.vodafone.nl/support/int
New Zealand	Vodafone New Zealand	53001	Band 28 & 8	IPv4	No			Yes	Yes	5s/5s/5s	No	No	Dynamic	0s	186 min	Yes	1	Static	180Min	180Min	No				No	3,5,6	1	https://www.vodafone.cz/en/coverage	
Norway	Telia Norway		Band 3 & 20							5 sec	No		Dynamic	0s	186 min	Yes	2	Dynamic	60min	310hrs	Dynamic	20,48s			20,48s	No	Yes (3&5)	Yes	
Poland	T-Mobile Poland	26002	Band 20	IPv4, IPv6	No			Yes	No	5s, 7s, 17s	Partially	No	Dynamic	0s	186 min	Yes		Dynamic	54min	9920 hrs	No				Yes	Yes (3&5)	0,1,2	https://www.t-mobile.pl/c/mapa	
Portugal	Vodafone Portugal	26801	Band 20	IPv4	No			Yes	No	TBD	No	No	Dynamic	0s	186 min	No		Dynamic	70 mins	34400 min	No				No	3,5,6	0,1,2		
Romania	Vodafone Romania	22601	B20	IPv4	No			Yes	No	30s/30s/30s	No	No	Dynamic	0s	186 min			Dynamic	0	310 h	No				No	3,5,6	0,1,2		
Slovakia	Slovak Telekom	23102	Band 20	IPv4, IPv6	No			Yes	No	10s/15s/20s	Yes	No	Dynamic	0s	186 min	Yes	10	Dynamic	1 hr	310 hrs	Dynamic	20,48 s	10485,76 s	5,12 s	40,96 s	No	Yes (3&5)	0,1,2	
Slovenia	A1 Slovenia	29340	Band 20 & 3	IPv4, IPv6, Dual-stack	No			Yes	No	10s/10s/10s	Yes	No	Dynamic	0s	186 min	Yes	10	Dynamic	1 hr	310 hrs	Dynamic	20,48 s	10485,76 s	5,12 s	40,96 s	Yes	Yes (3&5)	0,1	https://www.a1.si/o-kakovosti-in-https://www.vodafone.es/c/conoceno
Spain	Vodafone Spain	21401	Band 8 & 20	IPv4	No			Yes	No	20s/20s/20s	Yes	No	Dynamic	0s	186 min	Yes	10	Dynamic	0	310 h	Dynamic	20,48	10485,76	2,56	40,96	No	3,5,6	0,1,2	
Sri Lanka	Dialog Axiata PLC		Band 8	Pv4, IPv6, Dual-stack	No	N/A	N/A	No	Yes	20s/20s/20s	Yes		Dynamic	0s	186 min	Yes	10	Dynamic	1 hr	310 hrs	Dynamic	20,48s	10485,76 s	2,56 s	40,96 s	SMS over SG	3&5	Yes	
Sweden	Telia Sweden		Band 3 & 20							5s	No		Dynamic	0s	186 min	Yes	2	Dynamic	60min	310hrs	Dynamic	20,48s			20,48s	No	Yes (3&5)	Yes	
UK	Vodafone UK	23415	Band 20	IPv4	No			Yes	No	10s/10s/10s or 60s/60s/60s	No	No	Dynamic	0s	186 min	No		Dynamic	70 mins	34400 min	No				No	3,5	0,1,2		
United States	AT&T	310410	Bands 2, 4 and 12	IPv4, IPv6	No	N/A	N/A	Yes	Yes	5s	Yes	Yes	Dynamic	32s	186 min	Yes	4 kb	Dynamic	32 sec	310 hrs	Dynamic	20,48 sec	10485,76 sec	2,56 sec	40,96 sec	Yes	Yes (3&5)	0,1,2	N/A