

	2G (GSM)	3G (UMTS)	4G (LTE)	LTE-M	NB IoT
Frequency	900MHz	900/2100MHz	700/800/1800/2100/2300/2600MHz	800MHz	800MHz guard band
APN	internet or private APN	internet or private APN	internet or private APN	internet or private APN	internet or private APN
Latency	300-700ms	45-100ms	10-30ms	10-15ms	up to 10s
Bandwidth	200kHz	5MHz	3/5/10/15/20MHz	1.4-5MHz	180kHz
Uplink	GPRS up to 21.4kbps EDGE up to 59.2Kbps	5.76Mbps	up to 50Mbps	up to 1Mbps	up to 159kbps
Downlink	GPRS up to 85.6kbps EDGE up to 236.8Kbps	HSPA+ 21Mbps	SC up to 200Mbps 2CC CA up to 400Mbps	up to 1Mbps	up to 127kbps