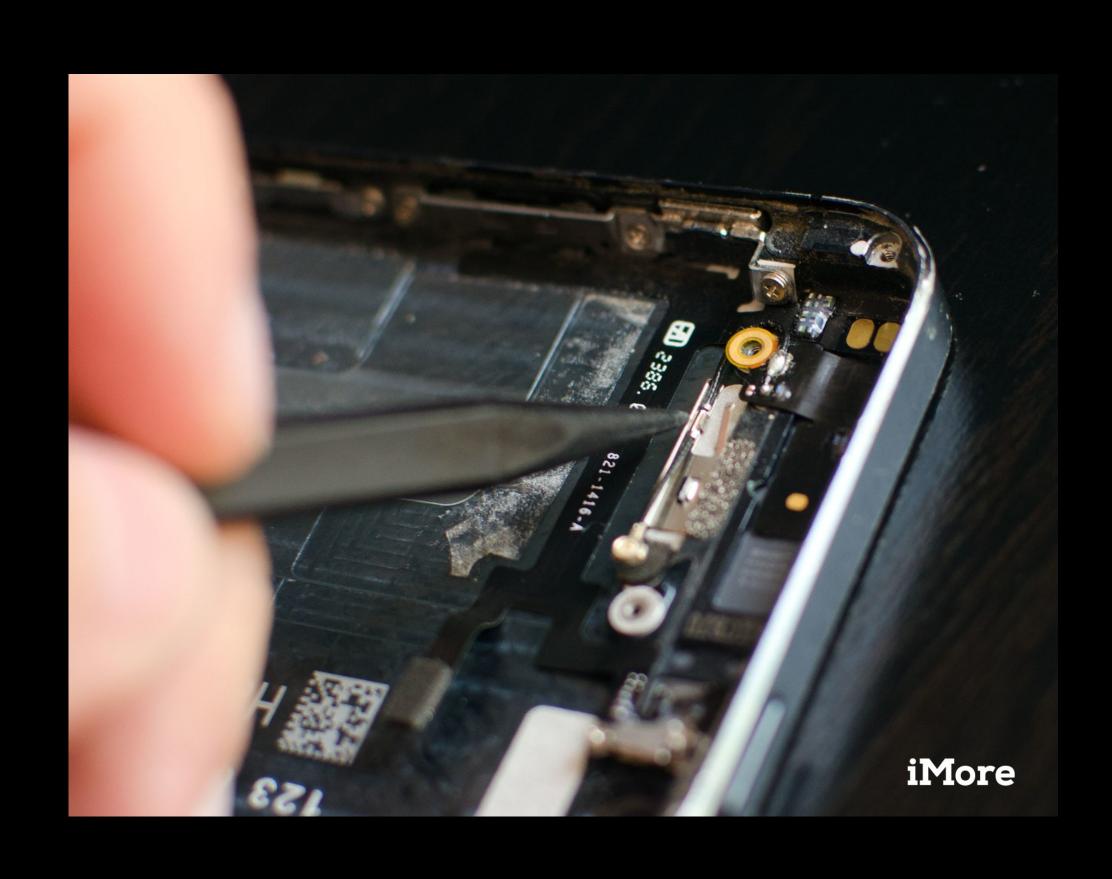
## Conectividad

Inalámbrica

Pérez de Lara Domínguez Marduk

# WiFi Conexión a red







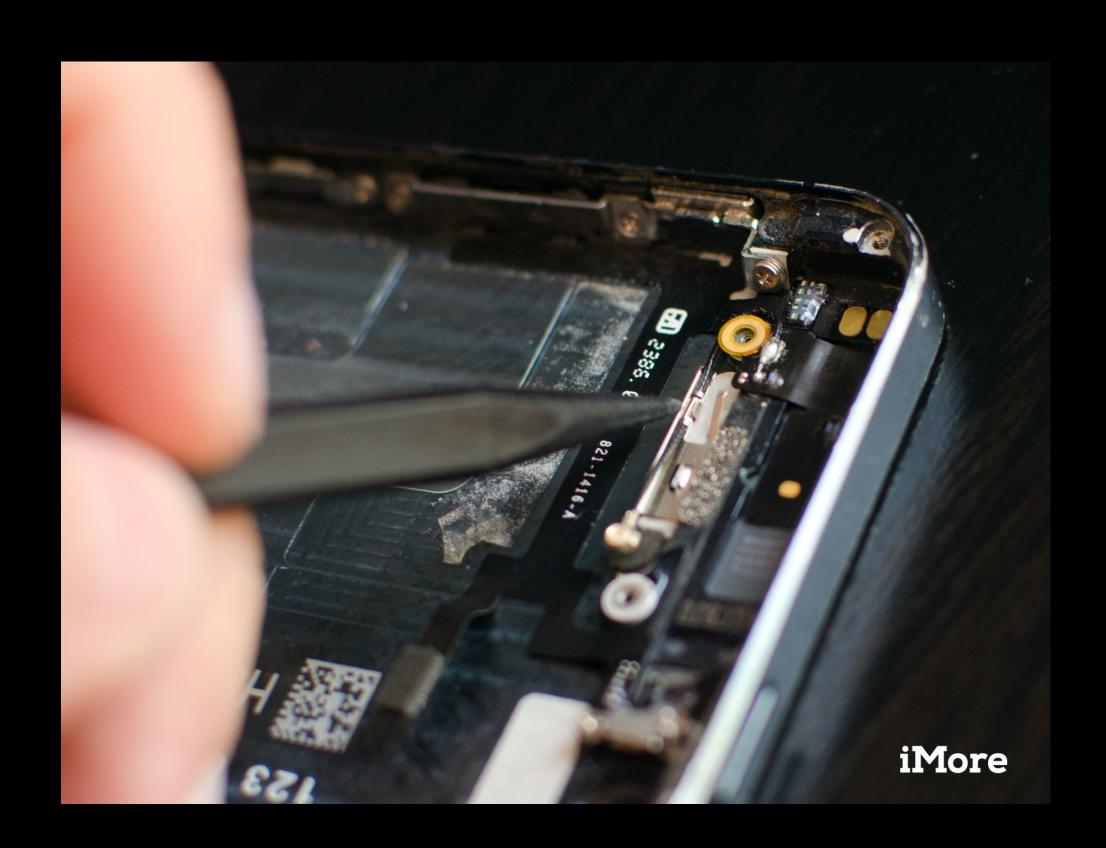


2.4Ghz or 5Ghz

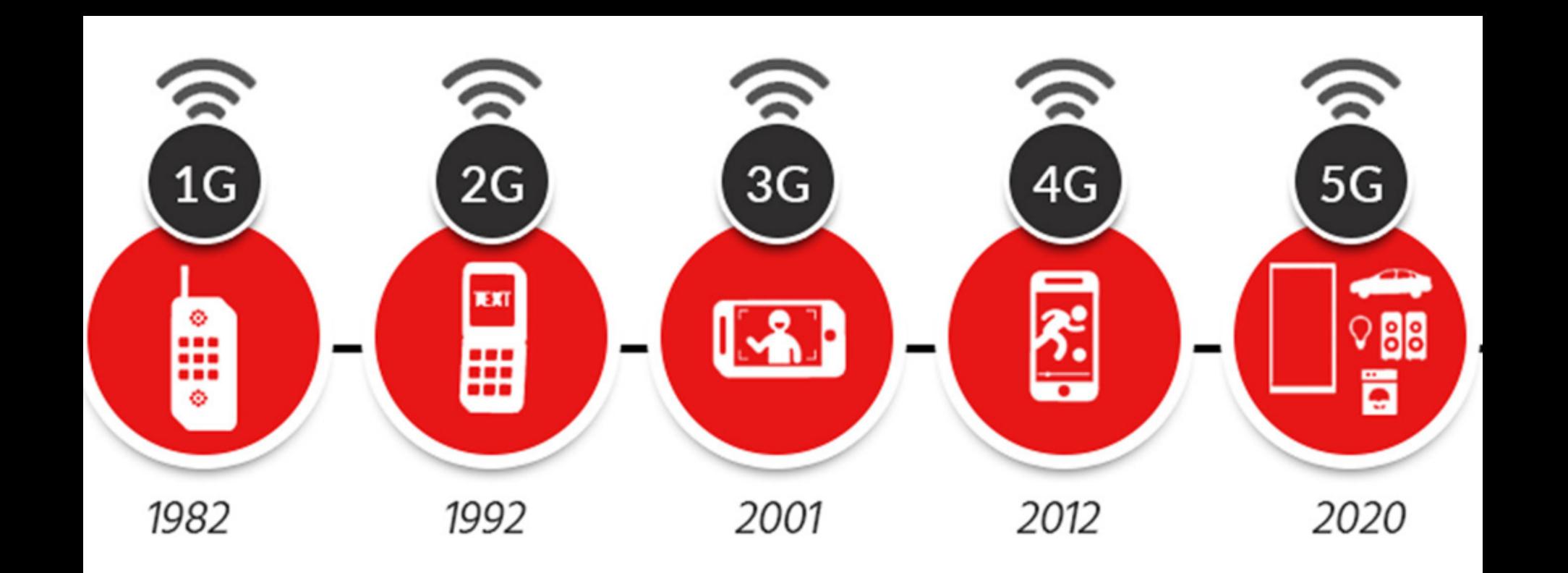
		Antennas (Tx*Rx)	Spatial Streams	Maximum Link Speed	Band Support
CERTIFIED*  CERTIFIED*  dual stream n	Single Stream	1 × 1	1	72 Mbps	2.4
	Dual Stream	1 x 2	2	150 Mbps	2.4
	Dual Stream	2 x 2	2	150 Mbps	2.4
	Dual Stream	2 x 3	2	150 Mbps	2.4
certified*	Dual Stream	2 x 2	2	300 Mbps	2.4 & 5
	Dual Stream	2 x 3	2	300 Mbps	2.4 & 5
CERTIFIED®	Multi Stream	3 x 3	3	450 Mbps	2.4 & 5

multi-stream n

# Datos Celulares Conexión a red datos Celular







3.5G/DC-HSPA+ 4G/LTE 4G/LTE Cat. 4 4G/LTE Advanced

42.2 Mbps

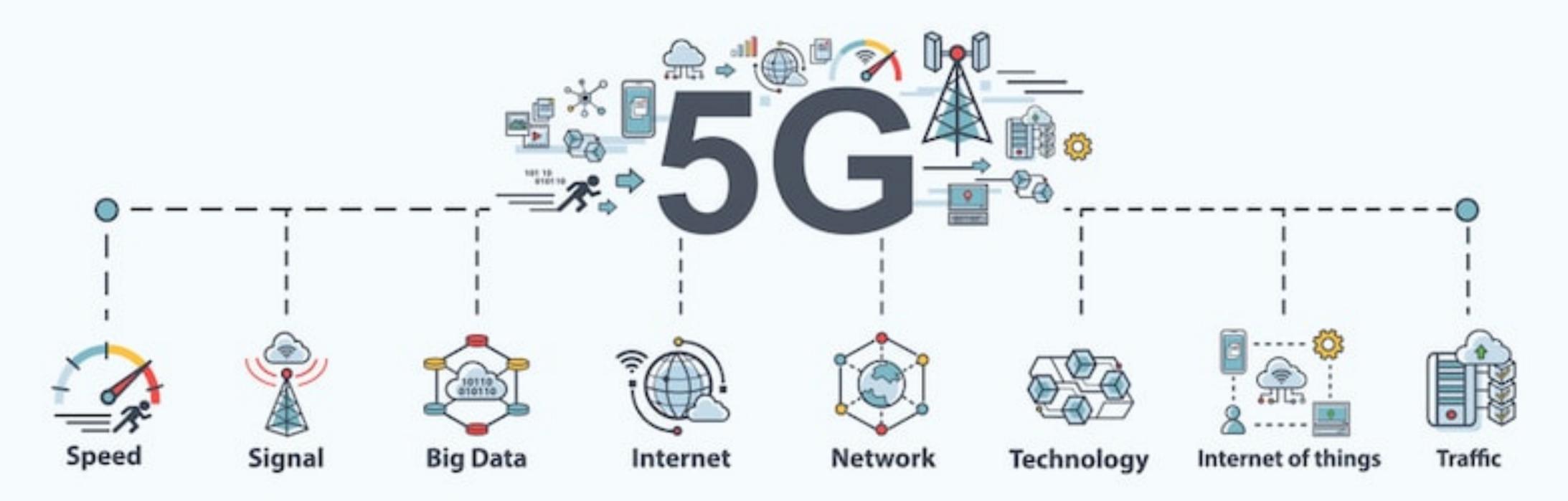
100 Mbps

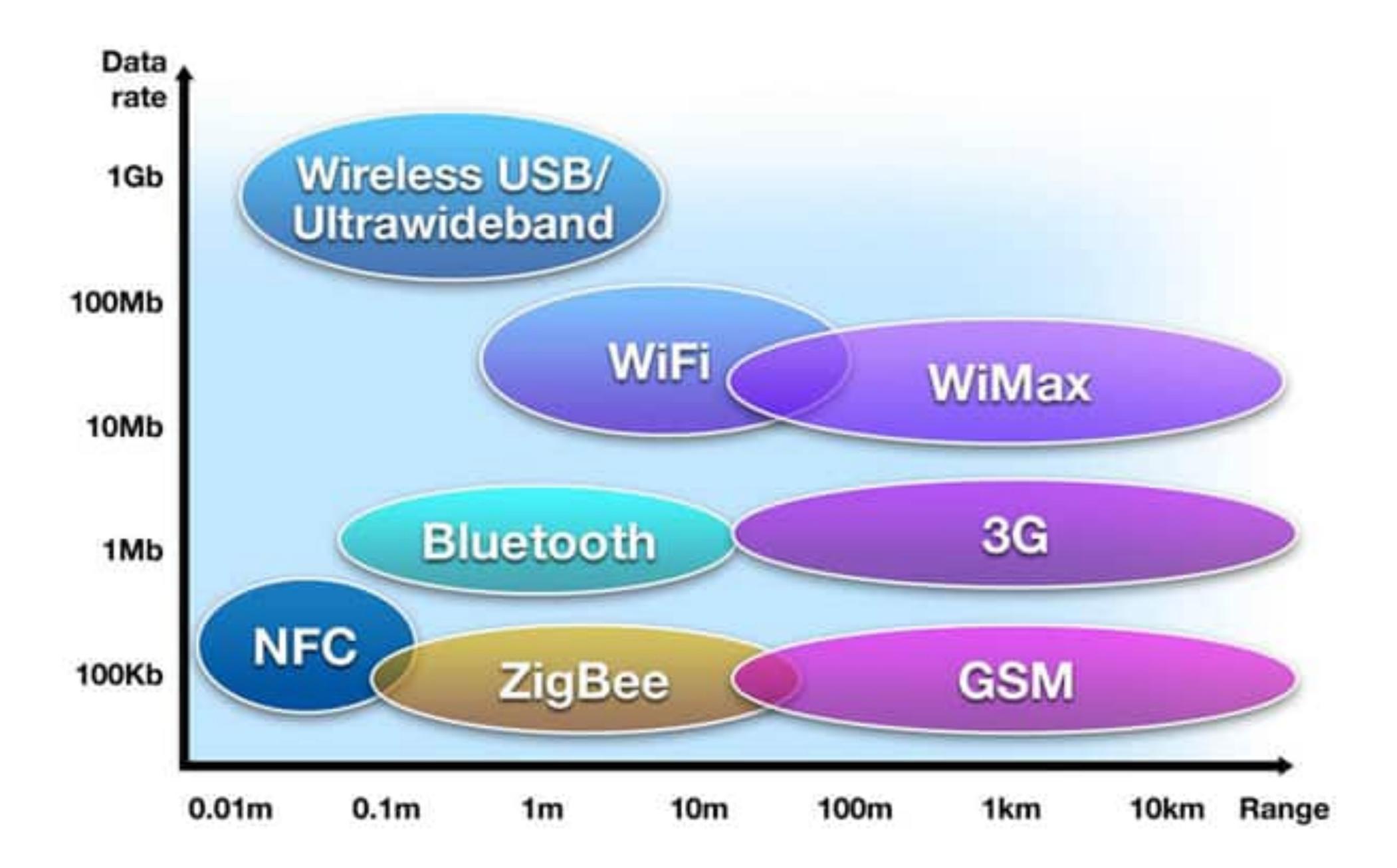
150 Mbps

1,000 Mbps

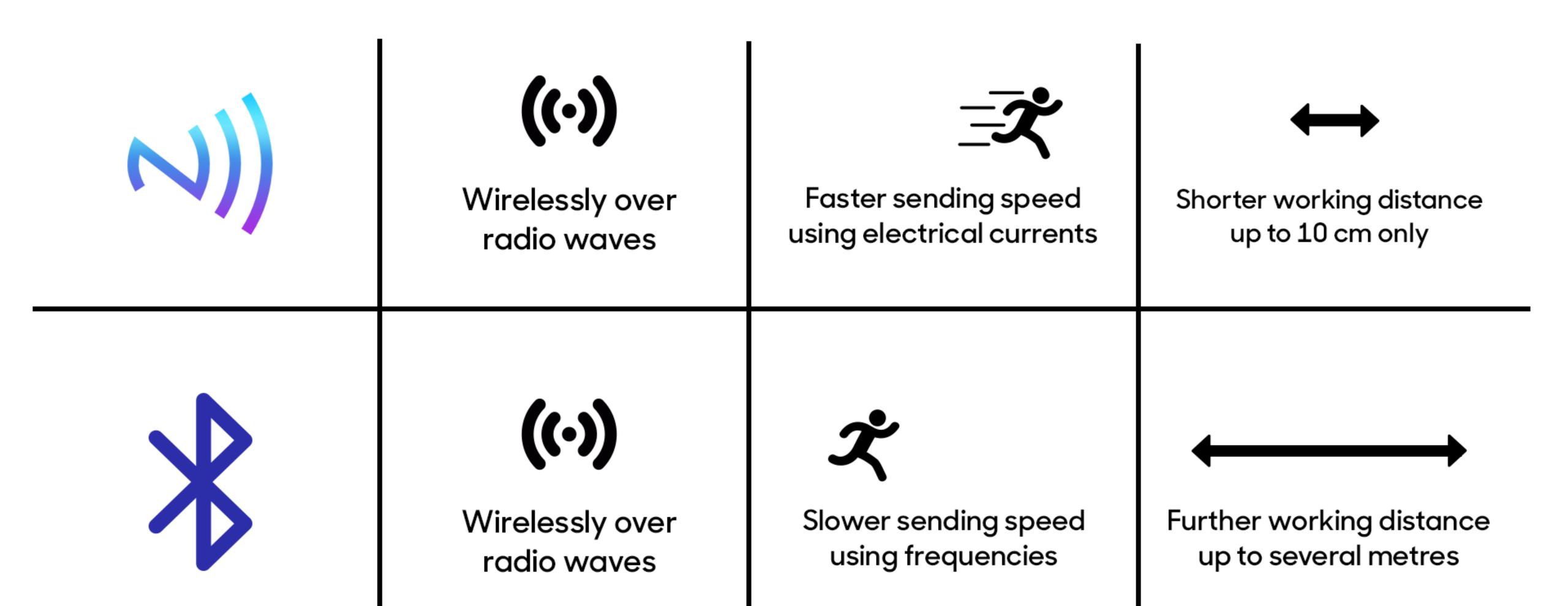
5G\*

10,000 Mbps





### NFC vs. Bluetooth





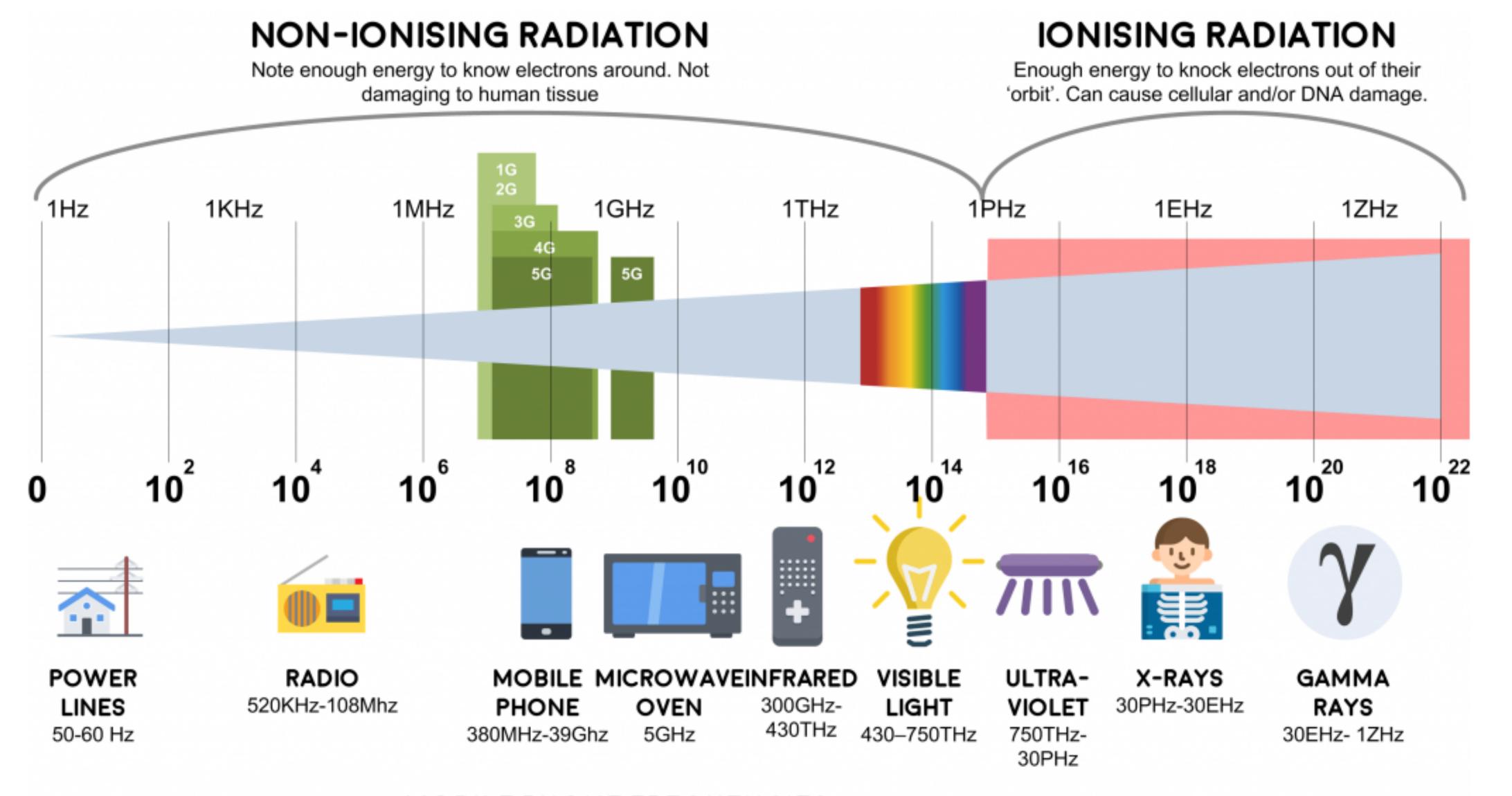




### HOW BEACON TECHNOLOGY WORKS



Retailers strategically place beacons around their store. The Beacons connect to a customer's Bluetooth enabled smartphone app. It sends a signal to the phone and the app is opened. The retailer can provide the customer with a wealth of information.



#### MOBILE PHONE FREQUENCIES

1G – 380-1900 MHz

2G - 380-1900 MHz

3G - 700 MHz-3500 MHz3

4G - 400-5900 MHz

5G - 400-4700 MHz, 26-39 GHz

