

Snapdragon Satellite

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In news— Apple iPhone 14's Emergency SOS via satellite will soon come to Android phones.

About Snapdragon Satellite-

- **Qualcomm at CES 2023 has announced Snapdragon Satellite—a satellite-based two-way capable messaging solution** for premium smartphones.
- **The company has partnered with Iridium and Garmin to introduce the satellite connectivity** for two-way texting in remote or no internet connectivity areas.
- As per the company, **Snapdragon Satellite feature will be available only on phones that run Qualcomm's Snapdragon 8 Gen 2 processor and its X70 Modem system.**
- The feature is scheduled to roll out on next-generation smartphones, launched in select regions starting in the second half of 2023.
- **The Snapdragon Satellite is powered by Snapdragon 5G Modem-RF Systems** and is backed by Iridium's operational satellite constellation.
- The solution for smartphones **utilizes Iridium's weather-resilient L-band spectrum for uplink and downlink.**
- To send SMS via satellite, one will need a clear sky and time to set up a connection between one's phone and the satellite. Once the connection is set up, one can start sending SMS messages.
- **One can send only 160-character messages using the Qualcomm's satellite** connectivity feature. One can type his/her own messages and choose the recipient from your phone's contact book which isn't possible with iPhone 14. Apple allows to send limited responses to emergency services.
- Qualcomm, for now, will add the Satellite messaging feature only to its premium chips with plans to expand

it to laptops, tablets, IoT and vehicles.