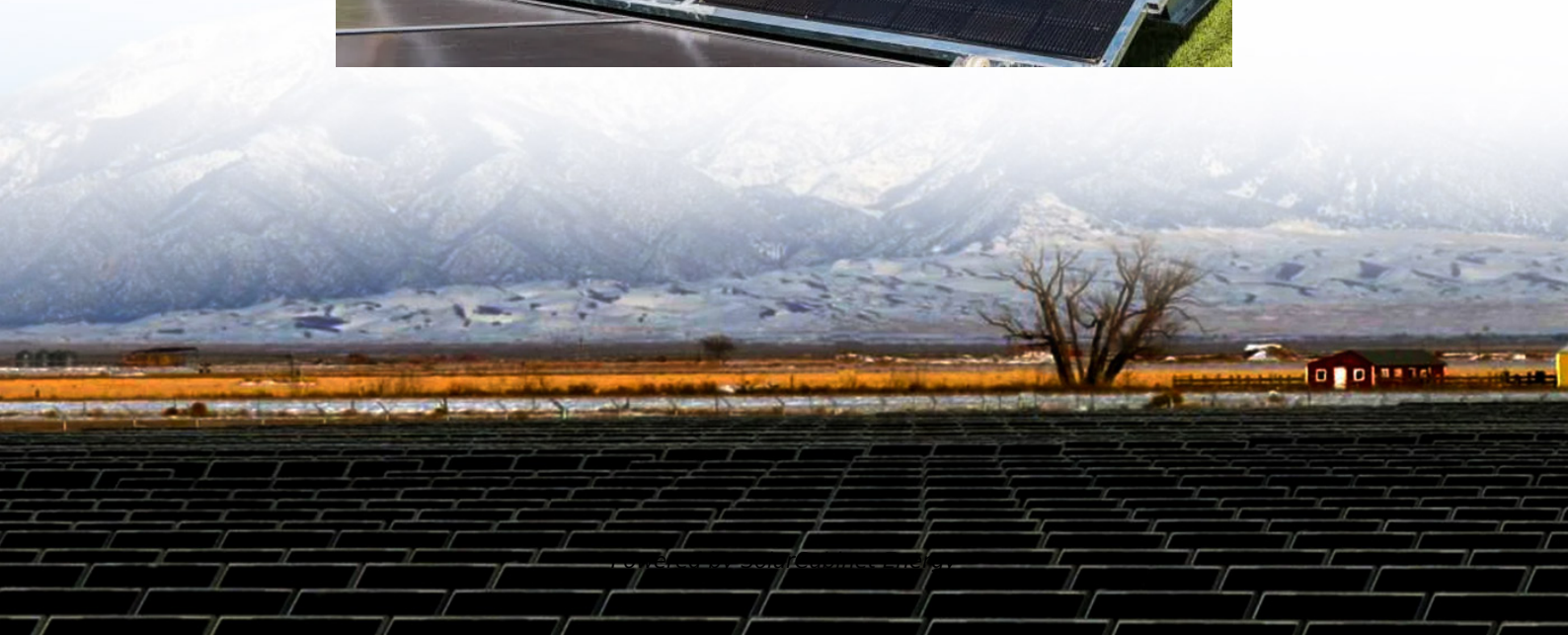


Communication base station inverter distance regulations





Overview

How much RF exposure should a cell site transmitter have?

In the case of cellular and PCS cell site transmitters, the FCC's RF exposure guidelines recommend a maximum permissible exposure level to the general public of approximately 580 microwatts per square centimeter.

What if I'm exposed to antennas over the guidelines?

Exposures exceeding the guidelines levels, however, are only likely to be encountered very close to, and directly in front of, the antennas. In such cases, precautions such as time limits can avoid exposure in excess of the guidelines. Individuals living or working within the building are not at risk.

How far should a person with EMF be from a source?

Based on findings like these, a minimum safety distance of 1/4 mile (1320 feet) might be considered prudent. And again, individuals with EMF hypersensitivity or other serious health issues may want to consider a much greater safety distance, perhaps a half mile, or even more. Table of Safety Distances from Various EMF Sources.

How far away are RF antennas from a balcony?

measured 2 apartments and found that the apartment with high RF levels had outdoor areas as close as 6 meters (about 19.6 feet) from transmitting base station cell antennas. In contrast, the apartment with low RF exposure had cell antennas at 40 meters (about 131 feet) away from the balcony.

How many ft should a wireless antenna be?

Require setbacks of 1,640 feet for new wireless antennas from residences, businesses and schools. Cell phones and wireless devices should be equipped with updated software that stops cell phones from radiating when positioned against the body. Establish RF radiation-free zones in commercial and public buildings.



How far from a power line can a magnetic field be emitted?

The strongest magnetic fields are usually emitted from high voltage transmission lines — the power lines on the big, tall metal towers. To be sure that you are reducing the exposure levels to 0.5 milligauss (mG) or less, a safety distance of 700 feet may be needed. It could be much less, but sometimes more.



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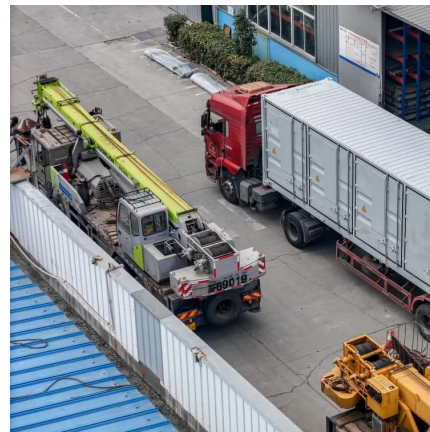


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