

# Electromagnetic radiation from wind turbine generators

[Measurement of electromagnetic radiation around wind turbines] foreign-language By: Yener SC, Cerezci O, Cerezci F Published in: [2017 Electric Electronics, Computer Science, Biomedical ...

Editor's Note: In Dr. Frank Marlowe's recent article for Broadcast Wind, he discusses the importance of accurately defining potential interference to electromagnetic transmissions caused by the construction of a wind farm. By ...

However, wind turbines also generate electromagnetic waves in the form of poor power quality (dirty electricity) and ground current, and these can adversely affect those who are ... the radio ...

Electromagnetic fields Electromagnetic spectrum Historical review Static fields (0 Hz) Natural static fields Man-made static fields ... [Measurement of electromagnetic radiation around wind ...

Besides the power frequency, electrical and magnetic fields, wind turbines and generators create also EMF with higher frequencies: harmonics to the main (power) frequency ...

High time to investigate this issue, thought Hermans, who started her PhD project in 2020. "In the first phase of my research, we measured electromagnetic field strengths at sea", she says. ...

We will measure the following sizes: Power density  $S$  of high frequency electromagnetic fields due to wireless transmission WiMax mobile telephony (measured in  $\text{mW} / \text{m}^2$ ); Low frequency electromagnetic charge due to high ...

The electromagnetic radiation from a finite antenna. ... lightning electromagnetic environment in power substations, 5) lightning surges in wind-turbine-generator towers, 6) ...



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