

Kongres Container

How to find communication base station wind power



Overview

How to calculate wind load of antenna?

antenna, the proportion of wind load of the pole is large. Therefore, the wind load of the entire pole needs to be subtracted from wind load $F_{\text{maximal}} = F_{w_maximal} - F_{\text{mast}(p1+p2)}$ When the antenna shape is different, the maximum value may be at any angle. I.

How to choose a wind tunnel antenna?

tilt of 0°. The diameter of the pole is 60 mm to 100 mm. The distance between the bottom of the antenna and the ground of the wind tunnel must be greater than the maximum value between the antenna width and thickness. If both the width and thickness of the antenna are less than 300 mm, the distance between.

How to calculate wind load of a Huawei antenna?

ed on the wind load measured through the wind tunnel test. The drag coefficient and wind load of antennas with different lengths can be calculated by multiplying the drag coefficient by the end-effect factor. The end-effect factor is defined in the TIA-222 standard. Definition of Huawei Antenna Windload Huawei.

How do you calculate wind load?

ment, including the front-side and lateral-side wind load. When calculating the wind load on the front side of the antenna, subtract the wind load of the part of the pole protruding from the antenna. When calculating the wind load on the lateral side of the antenna, subtract.

What is the P-BASTA standard for antenna wind tunnel test?

applications P-BASTA Standard and Antenna Wind Tunnel Test Before 2018, the P-BASTA V9.6 standard allows antenna manufacturers to use the preceding three methods to calculate and claim antenna wind load. However, different antenna manufacturers may adopt different methods, and the obtained.

How to calculate lateral wind load?

al-side wind load $F_{lateral}$
 $F_{lateral} = F_{w_lateral} - F_{mast}(p)$
On the lateral side, because the pole is not shielded by the antenna, the proportion of wind load of the pole is large. Therefore, the wind load of the entire pole needs to be subtracted
mum wind load $F_{maximal}$
 $F_{maximal} = F_{w_maximal} - F_{mast}(p_1 + p_2)$
When the antenna

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