



Broadcast Antennas & Transmission Systems

SYSTEMS WITH RELIABILITY, LP

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Friday, April 22, 2011

Mr. Robert Weller
Federal Communications Commission,

This letter is a statement to the Federal Communication Commission in support of certifying the Systems With Reliability, LP Cross 'V' antenna style as having the same propagation characteristics as the Jampro Double V antenna style for downward radiation compliance. We are familiar with the configuration of the JMPC including the element design and layout as well as the array feed and configuration. The designs are identical aside from a few aesthetics. The SWR and Jampro radiating elements are constructed using the same configuration and dimensions hence the radiated field is essentially the same. An array comprised of SWR antenna elements and Jampro antenna elements having the same configuration distribution and spacing have nearly identical radiation pattern characteristics.

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