

**dBi Corporation**  
**131 French Avenue**  
**Winchester Kentucky 40391**  
**tel 606-744-8695 fax 606-737-0747**

Rotational measurements of Wireless One-wire analog sensor-transmitter performed on 11/24/00. Note that the maximum difference with respect to axis and antenna polarization is 4.5 dB peak and 6.5 dB average. Note also that maxima were determined to be with the unit in the "flat" orientation, which was the orientation measured on the OATS.

Ant Horiz	Meter(dB)	Cable loss	Ant. fact	Total	Limit
Flat (Pk)	62.5	2.5	16.76	81.76	92.3
Side (Pk)	63	2.5	16.76	82.26	92.3
End (Pk)	60	2.5	16.76	79.26	92.3
Flat (Av)	30	2.5	16.76	49.26	72.3
Side (Av)	29.5	2.5	16.76	48.76	72.3
End (Av)	25	2.5	16.76	44.26	72.3

Ant Vert	Meter(dB)	Cable loss	Ant. fact	Total	Limit
Flat (Pk)	64.5	2.5	16.76	83.76	92.3
Side (Pk)	60	2.5	16.76	79.26	92.3
End (Pk)	60	2.5	16.76	79.26	92.3
Flat (Av)	31.5	2.5	16.76	50.76	72.3
Side (Av)	26	2.5	16.76	45.26	72.3
End (Av)	25	2.5	16.76	44.26	72.3

Donald R. Bush