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Rotational measurements of Wireless One-wire Temperature/Humidity Light sensor-transmitter on 11/24/00. Note that the maximum difference with respect to axis and antenna polarization is 5 dB peak and 4 dB average. The original prescan data taken on this unit resulted in a maximum peak reading of 64.87dB peak and 36 dB average. The OATS raw data were 67.1 dB peak and 33 dB average.

Ant Horiz	Meter(dB)	Cable loss	Ant. fact	Total	Limit
Flat (Pk)	59	2.5	16.76	78.26	92.3
Side (Pk)	61	2.5	16.76	80.26	92.3
End (Pk)	63	2.5	16.76	82.26	92.3
Flat (Av)	28	2.5	16.76	47.26	72.3
Side (Av)	29	2.5	16.76	48.26	72.3
End (Av)	31	2.5	16.76	50.26	72.3

Ant Vert	Meter(dB)	Cable loss	Ant. fact	Total	Limit
Flat (Pk)	60.5	2.5	16.76	79.76	92.3
Side (Pk)	64	2.5	16.76	83.26	92.3
End (Pk)	64	2.5	16.76	83.26	92.3
Flat (Av)	29	2.5	16.76	48.26	72.3
Side (Av)	30	2.5	16.76	49.26	72.3
End (Av)	32	2.5	16.76	51.26	72.3

Donald R. Bush