

WCD RESUME

William C. Daywitt received his BS degree in engineering physics in 1958 and his MS in applied mathematics in 1959 from the University of Colorado at Boulder after which he studied in the pure mathematics department for a year. He completed all of the graduate academic work for the PhD degree in physics, worked briefly under five doctoral advisors without finding a suitable thesis topic, and retired from the academic life.

He joined the staff of the National Bureau of Standards (NIST/Boulder) in 1959, where he worked for a third of a century in the areas of microwave attenuation, microwave noise, earth terminal G/T and satellite EIRP measurements, and the use of celestial radio sources as standard radio emitters.

He retired from the Bureau of Standards in 1992 and founded Reference Grade Standards (**RGS**) to upgrade and manufacture millimeter-wave horn/cavity type primary noise standards for the commercial market. He closed down **RGS** in 1997 and again retired.

Since 1983 he has pursued a personal interest in particle physics, cosmology, and gravity. In 1999 this effort led to what looks like an important model, the Planck vacuum model, for the modern free-space vacuum. He initiated a web site (www.planckvacuum.com) in 2002 to display results from this new vacuum model.

William (Bill) C. Daywitt Physicist
 111 Mayhurst Avenue
 Colorado Springs, Colorado 80906
 USA
 (719)328-9786
wcdawitt@earthlink.net