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OPTIMIZE WIRELESS DEVICE DEVELOPMENT WITH BNC'S ANTENNA RADIATION SYSTEM

Blog Post

Introduction

As technology continues to advance, the need for precise and accurate antenna radiation measurement systems becomes more apparent. This is where the BNC Scientific Antenna Radiation Measurement System (RMS) comes into play. This compact test system provides 3-axis radiation pattern measurement in non-anechoic spaces, making it an ideal solution for characterizing wireless devices such as IoT devices, routers, phones, and electronic gadgets.

One of the standout features of the BNC system is its frequency range, which extends from 370 or 600MHz to 4GHz or 6GHz. This range allows for accurate measurements of antenna radiation patterns, antenna gain, ERP, TRP, and field strength. With this level of precision, engineers and researchers can ensure that their products are performing optimally and meeting industry standards.

In addition to its impressive frequency range, the BNC system is also known for its accuracy. Extensive evaluations have shown that the system's RMS is similar in accuracy to that of anechoic test labs. This level of accuracy is crucial when developing wireless devices that rely on precise measurements to function effectively.

Edgar Guzman, a Solutions Engineer at BNC Scientific, says, "The BNC Antenna Radiation Measurement System is groundbreaking for those in the wireless device industry. Its compact size and accurate measurements make it an invaluable tool for design engineers and researchers alike. With this system, we can ensure that our wireless devices are meeting industry standards and providing users with the best possible experience."

Are you ready to optimize your wireless device development with the BNC Scientific Antenna Radiation Measurement System? Contact Berkeley Nucleonics Corporation today to learn more about this powerful tool and how it can help take your products to the next level. With over 60 years of experience in the industry, BNC offers unparalleled expertise and support to help you achieve your goals.

Measurement System

