

**SYSTEM FOR DETERMINING TOTAL ISOTROPIC SENSITIVITY
(TIS) AND RELATED METHODS**

Abstract of the Disclosure

5 A test method for determining total isotropic
sensitivity (TIS) of a mobile wireless communications
device including a radio frequency (RF) receiver and an
antenna coupled thereto may include measuring a
sensitivity of the RF receiver, and measuring a three-
10 dimensional (3D) gain pattern of the antenna
independent of measuring the sensitivity of the RF
receiver. The method may further include determining
the TIS of the mobile wireless communications device
based upon the sensitivity of the RF receiver and the
15 3D gain pattern of the antenna.

Figs. 9 & 10