

Abstract

The presently disclosed subject matter includes: calculating link-budget of at least one antenna on-board a vehicle with respect to at least one target antenna; the link-budget comprises a respective link-budget value assigned to each pixel in a collection of pixels, where each pixel in the collection of pixels represents a respective radiation vector in a three dimensional space around the at least one antenna; determining for each pixel in the collection of pixels, compliance of the respective link-budget value with a sensitivity threshold value of the transceiver, thereby obtaining a respective antenna envelope of the at least one on-board antenna; displaying on a computer display device graphical representation of a pixel map representing at least the respective antenna envelope; continuously monitoring dynamics of the input data for repeatedly updating the pixel map, and displaying an updated graphical representation of the pixel map.

Fig. 1