

Title (en)

Method and system for polarization alignment of an earth station antenna with the polarization axis of a satellite antenna

Title (de)

Verfahren und System zur Polarisationsausrichtung einer Bodenstationantenne mit der Polarisationsachse einer Satellitenantenne

Title (fr)

Procédé et système pour l'alignement de polarisation d'une antenne de station terrestre avec l'axe de polarisation d'une antenne de satellite

Publication

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Application

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Priority

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Abstract (en)

[origin: EP1303002A1] The invention relates to a method for the polarization alignment of an antenna of an earth station with the polarization axis of the antenna of a satellite emitting linearly polarized beacon signals. This method is characterized in that the cross-polar component of the received linearly polarized beacon signal is used as information representative of an antenna polarization misalignment. The invention can be used for the polarization alignment of VSAT earth station antenna. <IMAGE>

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Cited by

EP1343219A1; EP3373474A1; US8953728B2; US9496886B2; US9484970B2; US11367952B2; US8634760B2; WO2018162635A1

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