

<b>TP Id</b>	TP/GEONW/PON/GAC/BV/06
<b>Test objective</b>	Test that the protocol header fields (HL, PV) are correctly updated during a GeoAnycast forwarding step
<b>Reference</b>	TS 102636-4-1 8.6.5, 9.3.8
<b>PICS Selection</b>	
<b>Initial conditions</b>	
<pre> with {   the IUT being in the "initial state" and   the Tester being an immediate neighbour of the IUT and   the IUT having received Beacon information from the Tester and   the IUT having received Beacon information from several neighbours and   All neighbours including the Tester being within the same GeoBroadcast Area (AREA1) and   the Tester having shortest distance from AREA1 centre and   the IUT not being within AREA1 } </pre>	
<b>Expected behaviour</b>	
<pre> ensure that {   when {     the IUT receives a GeoAnycast message       containing SEPV field         indicating the sender position of the received message       containing HL field         indicating value HL1       containing GeoBroadcast DestinationArea (Note)         indicating AREA1   }   then {     the IUT forwards the GeoAnycast message       containing SEPV field         indicating same position value as in the latest Beacon sent by the IUT       containing HL field         indicating value (HL1 -1)       containing GeoBroadcast DestinationArea (Note)         indicating AREA1   } } </pre>	
<p>Note: GeoBroadcast DestinationArea is corresponding to HST field of Common Header and GeoAreaPos Latitude, GeoAreaPos Longitude, DistanceA, DistanceB, Angle fields of the GeoBroadcast Extended Header</p>	