

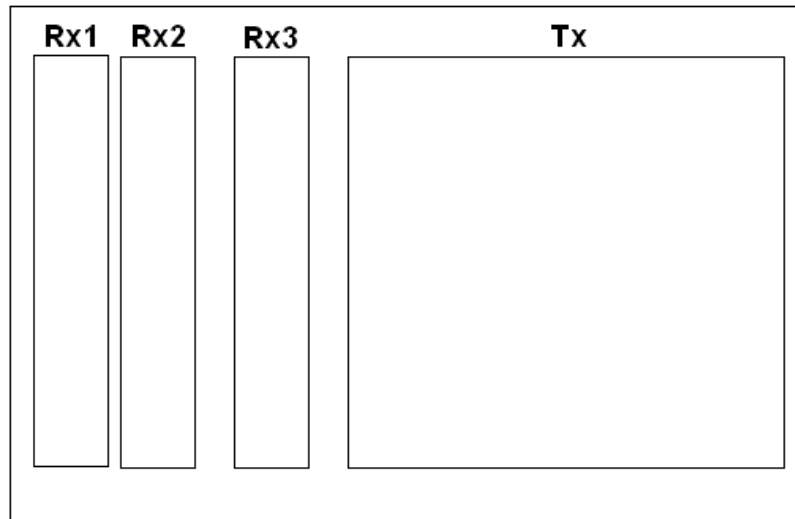
# **Annex no. 10**

# **Antenna Descriptions**

## Hella LCA 2.0 SWA SG1 / LCA 2.0 SWA SG2

### *Short antenna description*

The Radar sensors LCA 2.0 SWA 2.0 SG1 and LCA 2.0 SWA 2.0 SG2 of the Hella KGaA Hueck & Co. contain one transmission antenna (Tx) and three receive antennas (Rx1,2,3) in the same housing:



All antennas will be realized with several arrays, planar Patches. The Polarisation of every antenna is vertical.

Transmission antenna maximum Gain at  $\phi=18^\circ$  :15.4 dBi.

