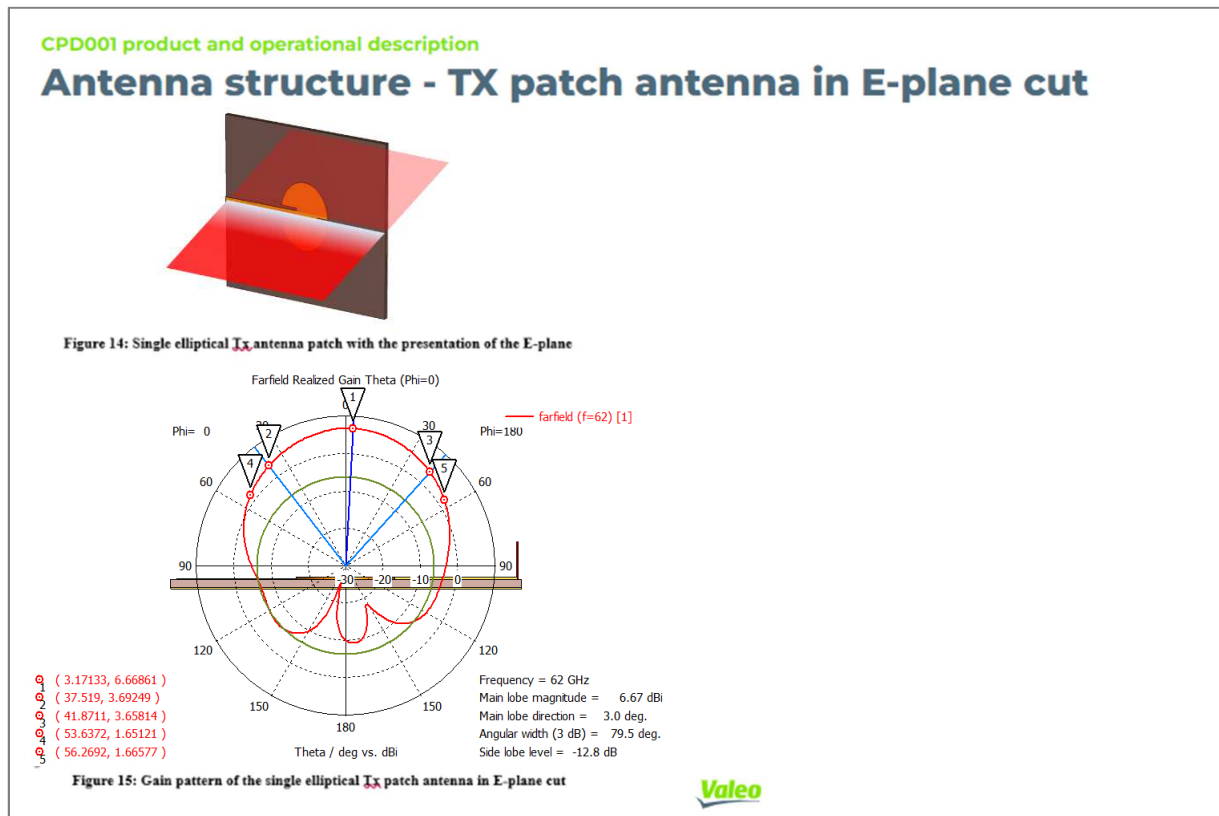


## Antenna gain declaration

We VALEO Klimasysteme GmbH hereby declare under our sole responsibility, that the indicated antenna gain of max. 6.7 dBi of the product CPD001 (2BAHD-EC30693) corresponds to the antenna gain activated / operated during the conformity measurement scenario.

The indicated antenna gain results of the simulation. The simulation was done via time domain solver of CST Studio Suite 2023



CPD001 product and operational description

Antenna structure - TX patch antenna in H-plane cut

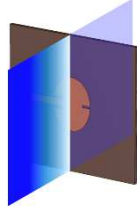


Figure 16: Single elliptical TX antenna patch with the presentation of the H-plane

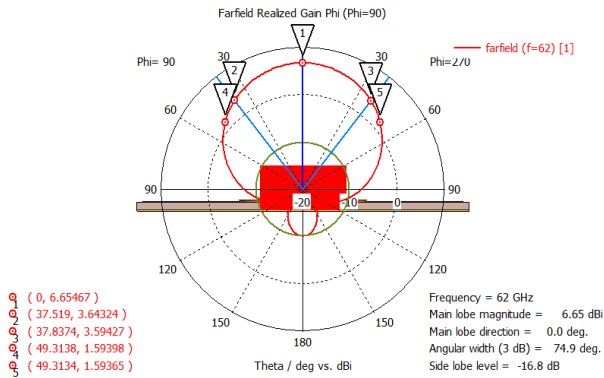


Figure 17: Gain pattern of the single elliptical TX patch antenna in H plane cut



The simulation was performed by:

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