

AMAP-ADS – Successful Demonstration on the SEP-Platform

ADS GmbH and BAE Systems Hägglunds have initiated a cooperation to integrate the Active Armor Concept (AAC), the Swedish version of AMAP-ADS, on the SEP-platform. The design goal is to accomplish a highly mobile, light-weight and superiorly protected vehicle.

The integrated concept was demonstrated on the 17th of April in Sweden and showed an excellent ability to withstand a typical urban warfare scenario in different aspects.

During the demonstration the following attacks were performed:

- Firing with 7.62 as an example of a non-threat (threat rejection)
- Firing with 2 RPG-7 at the same hit point as an example of multi-hit attacks

The attacks were launched at a distance of about 50 m which is typical for short range attacks in urban missions.

The key results can be summarized as follows:

- AMAP-ADS was not activated nor affected by the 7.62 firing
- Both RPG-7 were eliminated by adjacent countermeasures
- Personnel inside the vehicle was not affected
- Measurements inside and outside the vehicle showed that collateral effects were minimal and non-hazardous

In general it can be stated that AMAP-ADS can easily be integrated on various platforms – from light vehicles to heavy tanks. It forms an important part of the ballistic protection against large caliber weapons such as SCs, KEs, ATGMs and EFPs. The demonstration was a further proof of its effectiveness in defeating even multi attacks from short range.

