



RF shielding is essential for vehicles with installed jamming systems, considering the safety of the drivers and passengers inside the car as well as regarding the electromagnetic compatibility (EMC).

## GMC - Shielding



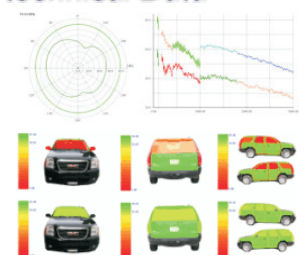
Considering a power output of more than 1000W and up to 7dBi gain of the antenna system, the created electromagnetic field is significant. Therefore procedures are developed to shield cars efficiently reaching final attenuation factors of min. 20dB up to 40dB. The average attenuation factor is 30dB, corresponding to an attenuation of 99.9%.

The efficiency of the final shielding will be tested in a high-tech Measurement Radome throughout the complete frequency bandwidth.

Each vehicle can be delivered with an official shielding measurement protocol and certificate.

### technical Data

**Shielding Material Windows:** copper foil, metall foil  
**HF Cleaning body:** Close Holes  
**Cable Way:** No new Holes in original GMC body, up to 20 HF-cables  
**Measurement:** Random measurement inside car / outside car



Shielding Picture before / after