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Date: 07 November 2011

Re: Differences between the model P20 and P20S

To Whom It May Concern:

The only difference between the P20 and P20S is the P20S has a shield and ferrites behind the loop antenna. The purpose of the shield structure is to block the magnetic field so that the antenna detects the tag predominantly in the front side of the antenna. The internal loop structure and electronic circuitry in P20S remains the same as P20. See **Figure 1-5** below.

Sincerely,

A handwritten signature in black ink that reads "Shawn Singh". The letters are cursive and slightly slanted.

ShawnSingh

EMC and Safety Engineer

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Figure 1 : Overall view front side

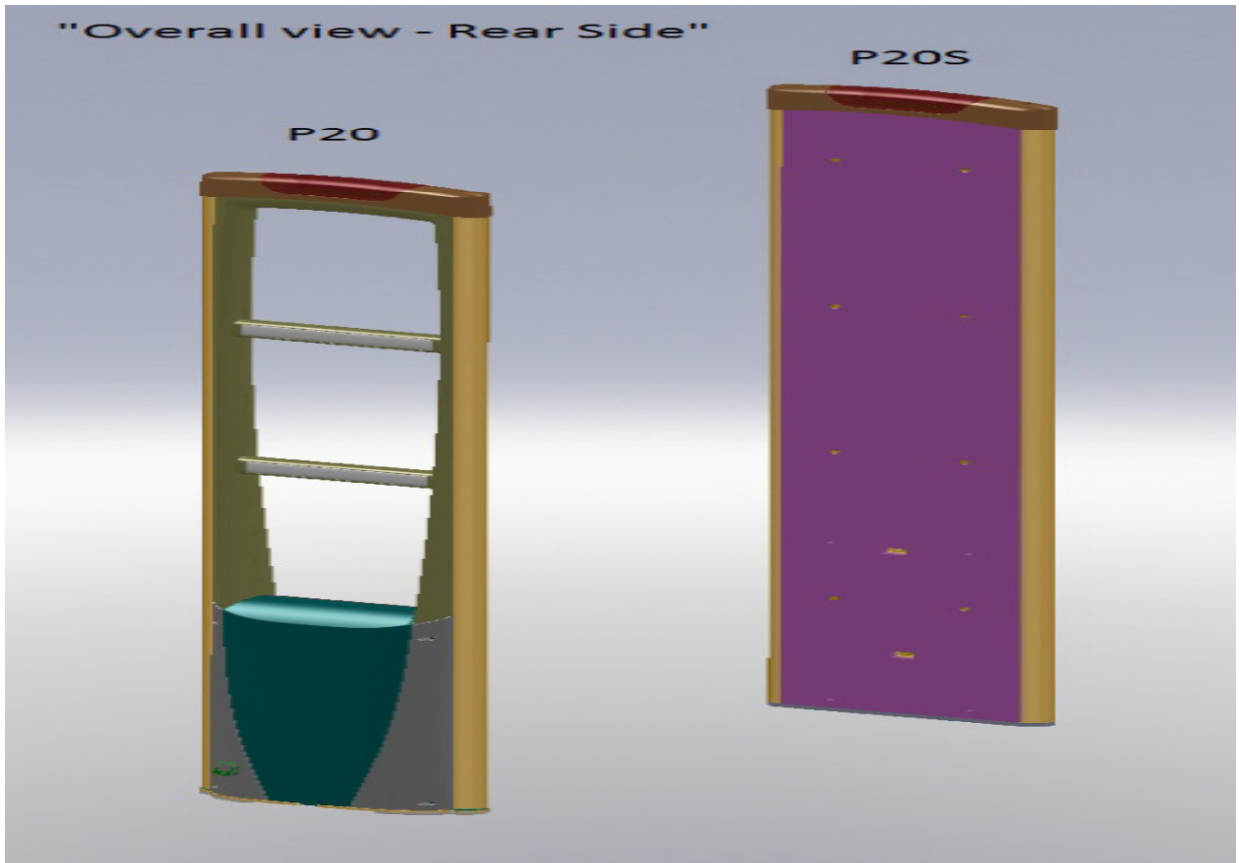


Figure 2: Overall view rear side

Ferrites Layout inside the P20S

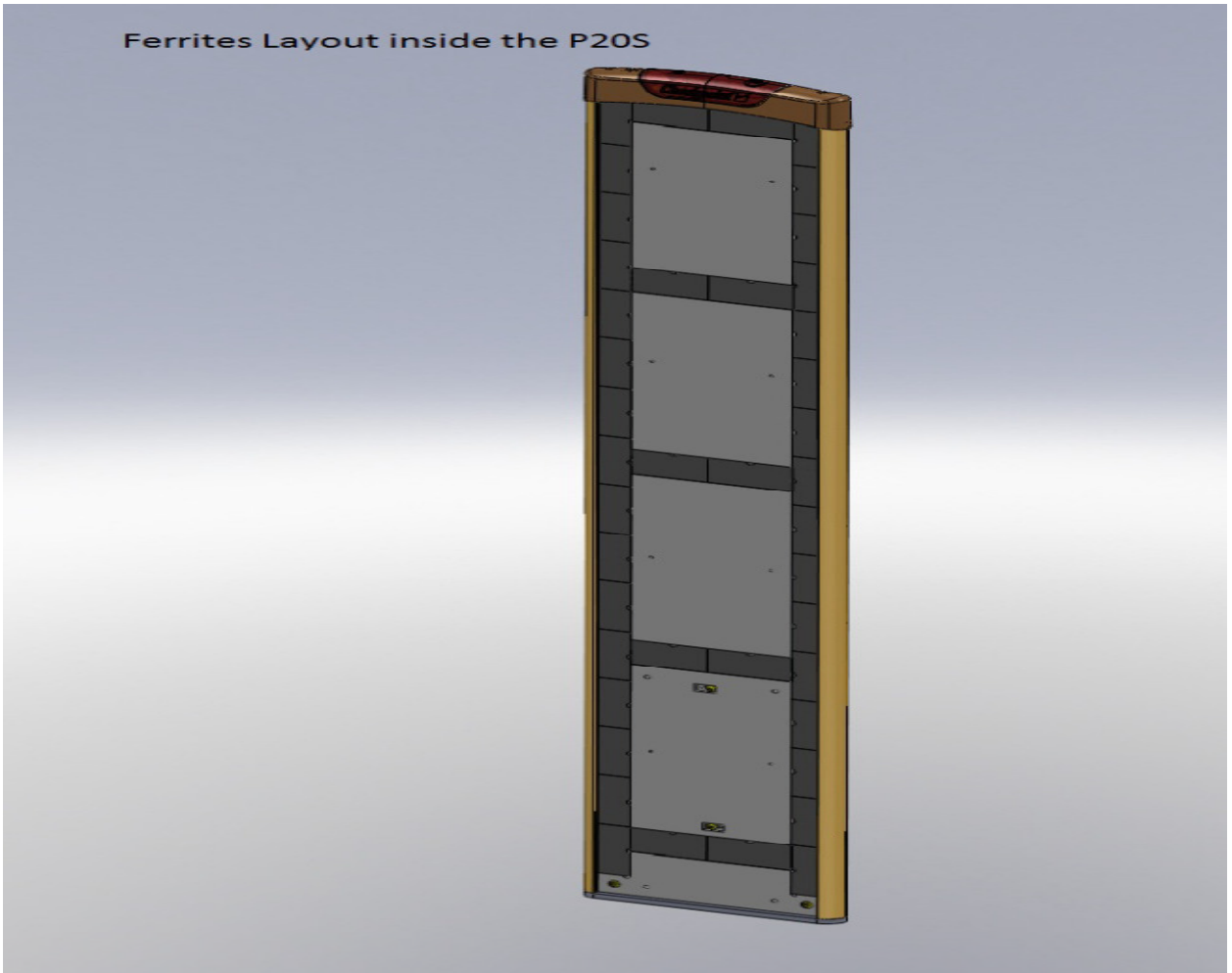


Figure 3: Ferrites layout inside the P20S

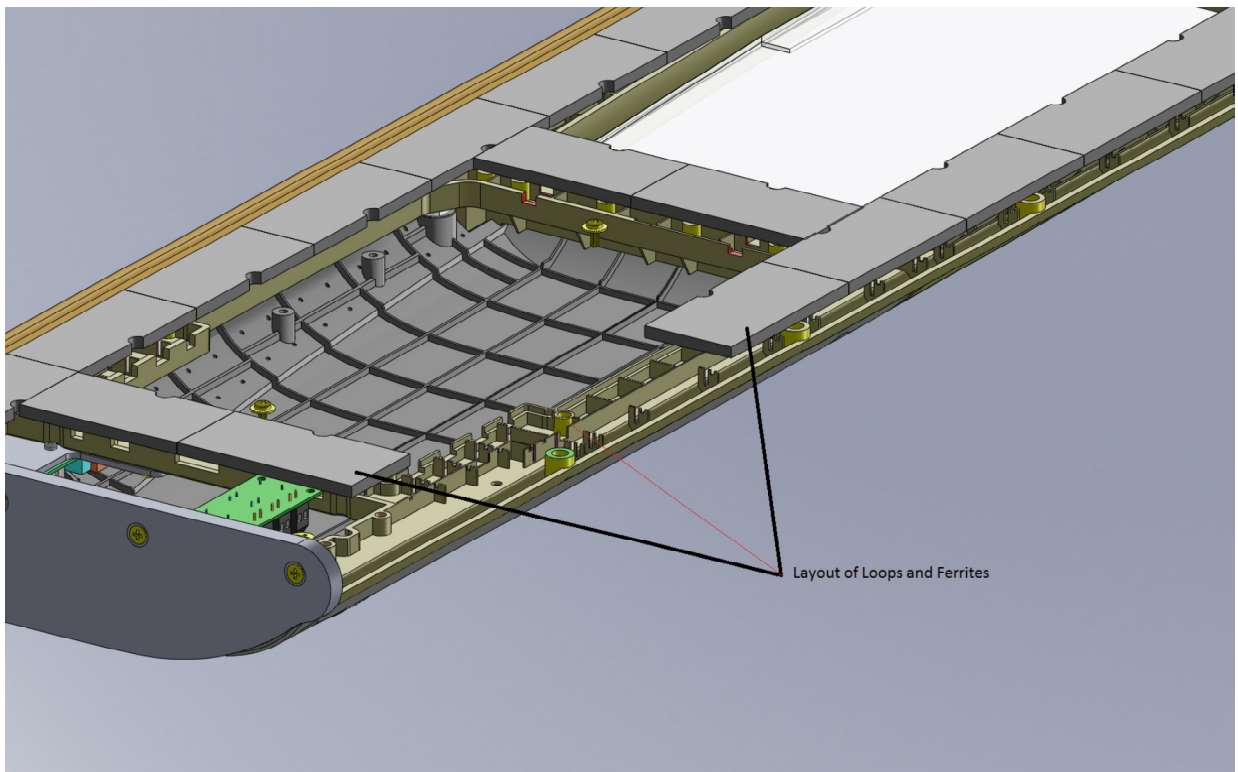
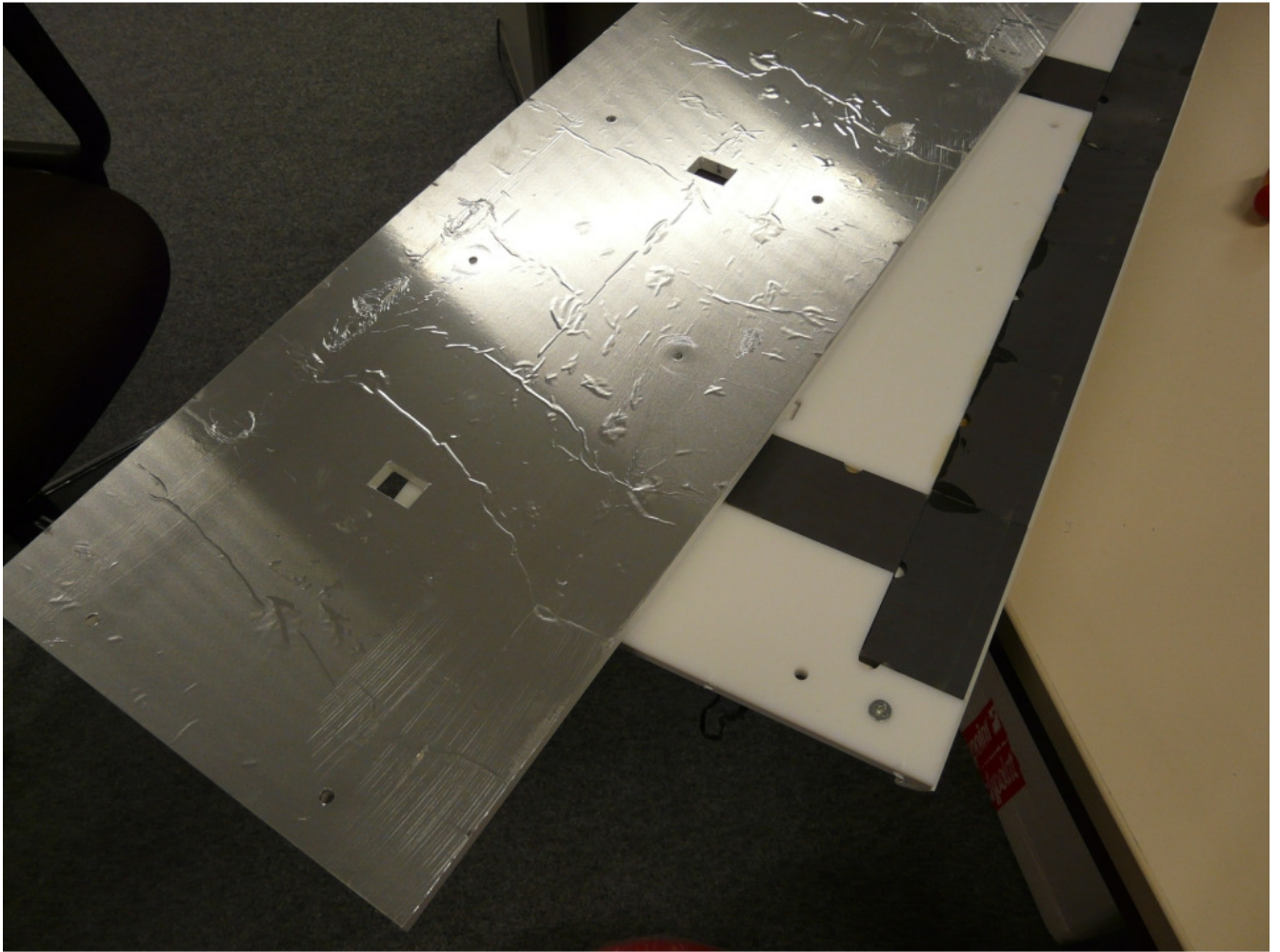


Figure 4: Layout of loops and ferrites inside P20S



**Figure 5: Shield inside the P2oS**