

February 5, 2016

ISO TC22/SC32/WG3 **N 2553**

## **US Comments to ISO 11452-2 (N2514)**

### **Proposed Changes to ISO 11452-2, Clause 7.6 and Figures 1- 3**

#### **Introduction:**

The US experts submit the following technical comments/proposals from the systematic review of ISO 11452-2 as summarized in document N2514.

The proposal is modify Clause 7.6 to:

1. Change the separation distance between the radiating antenna and the absorbers from 500 mm to 1000 mm
2. Eliminate the requirements of 1 500 mm minimum distance between the radiating antenna and the chamber walls and ceiling
3. Revise Figure 1 – 3 to be consistent with the above proposed changes

#### **Background:**

The intent of the proposed changes is to align ISO 11452-2 with the next revision of CISPR 25, where the minimum distance requirement of the antenna to the chamber wall and ceiling will be eliminated. Only the minimum distance of the antenna to the absorber will be specified and that distance will be 1 meter.

The US Experts would like to propose that the same change be made to the next revision of ISO 11452-2. In addition, the figures added to N2514 (Figures 4 through 12) show only a minimum distance between the antenna and the absorber to be 1 meter (instead of the 0.5 meters as shown in Figures 1-3). We believe that this was intentional to be consistent with the next revision of CISPR 25.

#### **Proposal for Changes to ISO 11452-2 Clause 7.6 Antenna to Chamber and Absorber Separation Distances:**

The proposed changes are shown below:

1. The revised paragraph of 7.6:

*No part of any antenna radiating element shall be closer than 250 mm to the floor. The radiating elements of the antenna shall not be closer than 500 1000 mm to any absorber material, and shall not be closer than 1 500 mm to the walls or ceiling of the shielded enclosure.*

2. Update Figures 1-3 to increase the distance between the antenna elements and the absorber to 1 000 mm. The reference to the minimum distance to the antenna elements to the chamber wall would also be removed from Figures 1-3 (similar to what is shown in Figures 4-12).