Title: Standardisation and Validation of A-Sandwich Radome Design Software

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Abstract

Software codes developed at the Computational Electromagnetics Lab. (CEM Lab.) for the EM design and characterisation of sandwich radomes are standardised. Software testing of these codes are also carried out. Testing is done for various combination of inputs. These test cases are documented in a tabular fashion. They show the range of inputs for which the system would respond correctly without entering into an error state. Values of input exceeding the limits are also handled in this software.