



SDI Review Form 1.6

Journal Name:	<a href="#">Current Journal of Applied Science and Technology</a>
Manuscript Number:	<b>Ms_CJAST_49566</b>
Title of the Manuscript:	<b>SAR Calculations of Novel Dual-Band PIFA for Mobile Phone Applications</b>
Type of the Article	<b>Original Research Article</b>

**General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)





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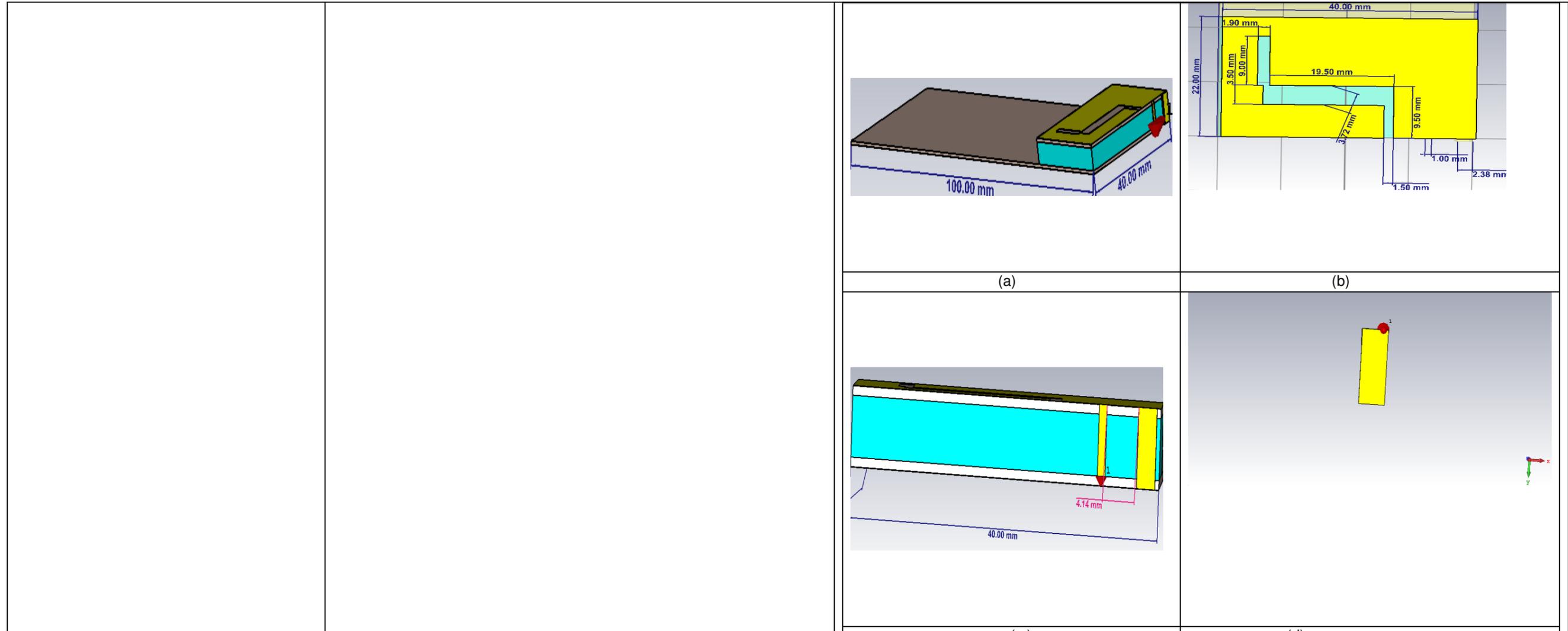


Fig .R . (a)geometry of intended antenna (b) upper vision (c) side vision (d) bottom vision

**Thanks for your significant note .the intended antenna is operated at two frequencies 900MHZ and 1800MHZ.**

Fig .R. shows the geometry of the intended antenna. it consists of two FR-4 substance with dielectric constant 4.4, loss tangent = 0.02 and thickness = 0.8 mm separated by foam . the ground (GND) found on the bottom surface of the first substance a has a dimension of 100 mm length and 40 mm width and it is connected with the top patch elements using a shorting strip with dimension 6.8 mm × 2.3 mm × 0.5 mm .Fig .R.(b) shows in details the geometry of the printed patch with slots as seen from above. The antenna takes up an area occupying 40\*22 mm on the upper surface of the second substance. The patch is placed at a height h=6.8 mm from the horizontal plan of the ground plane . The proposed structure is excited with coaxial feed of input impedance ( $Z_0= 50$  ohms) .



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<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments		

**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	