

**ANALYSIS OF INPUT IMPEDANCE OF A SECTORAL CYLINDRICAL CAVITY-BACKED SLOT
ANTENNA FED BY PROBE**

Analysis of input impedance of a sectoral cylindrical cavity-backed slot antenna fed
by probe

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Abstract

This paper presents the analysis of input impedance of a sectoral cylindrical cavity-backed slot antenna fed by probe. The method of moments plays a vital tool in determining the impedance characteristics. The numerical results of input impedance are illustrated and analyzed.