Joint Power Allocation and Network Slicing in an Open RAN System

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Abstract—

Index Terms—

I. System Model and Problem Formulation

In this section, we consider the downlink of an ORAN system consisting of V services served by an enterprise deploying S slices. We denote $v \in \{1, 2, ..., V\}$ and $s \in \{1, 2, ..., S\}$ the set of services and slices, respectively.