

NOMINAL PACKET PADDING VALUE INDICATION METHOD, DETERMINING METHOD, AND COMMUNICATION APPARATUS

ABSTRACT

This application provides a nominal packet padding value indication method, a determining
5 method, and a communication apparatus, to reduce overheads of a physical layer packet extension
thresholds field. The indication method includes: A first device generates a PPDU, and sends the
PPDU to a second device. A physical layer packet extension thresholds information field included
in the PPDU includes a plurality of packet extension threshold subfield sets corresponding to
different nominal packet padding values, and each packet extension threshold subfield set indicates
10 a modulation threshold corresponding to an NSS of n and an RU with an index b . If a value of an
RU index bitmask subfield corresponding to an RU with an index y is 0, a value range of b does
not include y . In a packet extension threshold subfield set that corresponds to a same nominal
packet padding value, that the value of the RU index bitmask subfield corresponding to the RU
with the index y is 0 indicates that a modulation threshold corresponding to the NSS of n and the
15 RU with the index y is a modulation threshold corresponding to an NSTS of n and an RU with an
index $m1$.

Figure 9