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(54) **MANAGING TRANSMIT TIMING OF DATA TRANSMISSIONS**

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(57) **ABSTRACT**

Various embodiments may provide systems and methods for managing transmit (TX) timing of data transmissions. The methods include applying a plurality of radio frequency (RF) channel factors related to data uplink transmissions by the wireless device to a TX timing model configured to provide as an output a TX timing for a data transmission to a base station and a number of carriers for sending the data transmission, and selecting a TX time and a number of carriers for sending a next data transmission to the base station based in part on the TX timing model output.