

UNIFIED SOUNDING REFERENCE SIGNAL INPUT/OUTPUT FUNCTIONALITY

ABSTRACT

Aspects of the disclosure provide a front-end module for a wireless device comprising at
5 least one transmit path configured to provide a first sounding reference signal, at least one
transmit/receive path coupled to at least one antenna port, a sounding-reference-signal port
configured to provide the first sounding reference signal and to receive a second sounding
reference signal, an antenna switching module coupled between the at least one transmit path, the
at least one transmit/receive path, and the sounding-reference-signal port, the antenna switching
10 module being configured to provide the first sounding reference signal from the transmit path to
the at least one transmit/receive path and the sounding-reference-signal port and to provide the
second sounding reference signal received at the sounding-reference-signal port to the at least
one transmit/receive path.

15 [FIG. 1]