

ABSTRACT**METHOD AND NETWORK FOR DATA TRANSMISSION BETWEEN A PLURALITY OF
RADIO STATIONS**

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This method for transmitting data between a plurality of radio stations of one same network, each station having a transmitter and a receiver, comprises: a first transmission mode in which the network operates with frequency hopping in a first frequency plan, the frequency used for data transmission being maintained for a FH dwell time, and changing
10 from one FH dwell time to another as per a law of frequency change; a second transmission mode in a second frequency plan in which a transmitter station (A) transmits data on a fixed frequency to a receiver station (B), the second mode comprising a step (120) to determine the fixed frequency, the determination step comprising the
15 transmission of a test word on each frequency of the second plan for a respective test dwell time. The duration of the test dwell time is equal to the duration of the FH dwell time multiplied by an integer factor of value between 1 and 6.

Figure 4