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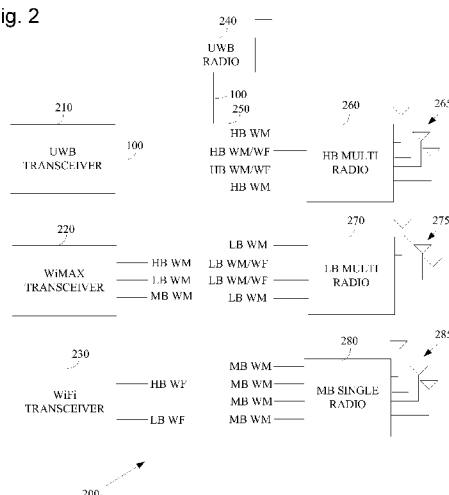
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Fig. 2



(57) Abstract: A wireless communication device to transmit and receive signals of two or more wireless networks is disclosed. The wireless communication device includes a first radio to transmit a first type of modulated signals in at least first and second frequency bands and a second radio to transmit a second type of modulated signals in at least third and fourth frequency bands. The wireless communication device further includes a first front end module to transmit simultaneously the first and the third frequency bands of the first and second radio through two or more antennas utilizing multiple input multiple (MIMO) output transmission scheme and a second front end module to transmit simultaneously the second and the fourth frequency bands of the first and second radio through two or more antennas utilizing multiple input multiple (MIMO) output transmission scheme.

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