

SUMMARY

[6] Non-limiting examples on communication apparatuses and communication methods for channel sounding in context of EHT WLAN are provided in this disclosure.

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[7] In one aspect, the present disclosure provides a communication apparatus comprising: circuitry, which, in operation, generates a first frame for a sounding procedure; and a transmitter, which, in operation, transmits the first frame to each of one or more peer communication apparatuses, the first frame comprising a first field which indicates an intended usage of the sounding procedure.

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[8] In another aspect, the present disclosure provides a peer communication apparatus comprising: a receiver, which, in operation, receives a first frame for a sounding procedure from a communication apparatus; and circuitry, which, in operation, processes the first frame, the first frame comprising a first field which indicates an intended usage of the sounding procedure.

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[9] In another aspect, the present disclosure provides a communication method comprising: generating a first frame for a sounding procedure; and transmitting the first frame to each of one or more peer communication apparatuses, the first frame comprising a first field which indicates an intended usage of the sounding procedure.

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[10] It should be noted that general or specific examples may be implemented as a system, a method, an integrated circuit, a computer program, a storage medium, or any selective combination thereof.

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[11] Additional benefits and advantages of the examples in this disclosure will become apparent from the specification and drawings. The benefits and/or advantages may be individually obtained by the various examples and features of the specification and drawings, which need not all be provided in order to obtain one or more of such benefits and/or advantages.

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