IEEE P802.11
Wireless LANs

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| CR document for R2R TB Sensing |
| Date: 2022-10-13 |
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Abstract

This submission proposes resolutions of comments received from TGbf comment collection 40 (TGbf Draft 0.1).

* CIDs: 380, 466, 467, 497 and 787 (5 CIDs)

Revisions:

* Rev 0: Initial version of the document.

# Introduction

Interpretation of a Motion to Adopt

A motion to approve this submission means that the editing instructions and any changed or added material are actioned in the TGbe Draft. The introduction and the explanation of the proposed changes are not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGbf Draft (i.e. they are instructions to the 802.11bf editor on how to merge the text with the baseline documents).***

***TGbf Editor: Editing instructions preceded by “TGbf Editor” are instructions to the TGbf editor to modify existing material in the TGbf draft. As a result of adopting the changes, the TGbf editor will execute the instructions rather than copy them to the TGbf Draft.***

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| **CID** | **Commenter** | **Clause**  | **Page** | **Line** | **Comment** | **Proposed Change** | **Resolution** |
| 380 | Insun Jang | 11.21.18.6 | 68 | 22 | The details of R2R sensing operating are missing, e.g., how to schdule R2R sensing, How to trasmit NDP in terms of R2R sensing | As in the comment. | **Revised.**TGbf editor to make no changes shall be made to the draft text based on this document. The comment has been resolved in 22/1917r1. |
| 466 | Sang Gook Kim | 11.21.18.6 | 68 | 22-23 | Details are missing on how to set up responder to responder sensing procedure. Please provide detail information on how to support sensing session setup, measurement setup, measurement instance provision, reporting, termination and etc. | As in the comment. | **Revised.**TGbf editor to make no changes shall be made to the draft text based on this document. The comment has been resolved in 22/1917r1. |
| 467 | Sang Gook Kim | 11.21.18.6 | 68 | 22-23 | Detail operational procedure for responder-to-responder sensing is needed. | As in the comment. | **Revised.**TGbf editor to make no changes shall be made to the draft text based on this document. The comment has been resolved in 22/1917r1. |
| 495 | Jinsoo Choi | 11.21.18.6 | 68 | 22 | This sensing responder to sensing responder sounding needs more details on setup, parameters negotiation, timing for NDP Tx/Rx between non-AP STA responders, etc. Also some illustrating figures related to this procedure will be helpful for readers. | Define required procedures, parameters to support this feature as in comment. | **Revised.**TGbf editor to make no changes shall be made to the draft text based on this document. The comment has been resolved in 22/1917r1. |
| 787 | Dibakar Das | 11.21.18.6 | 68 | 22 | Assuming the sensing responder transmits TB NDP PPDUs as response to a TF from AP, its not clear how other sensing responder can measure NDP transmitted by another responder STA | Either delete this sentence or define the procedure using TB sensing for Responder-to-responder sensing. | **Revised.**TGbf editor to make no changes shall be made to the draft text based on this document. The comment has been resolved in 22/1917r1. |

**SP:** Do you agree to the resolutions provided in the document 11-22/2068r0for the following CIDs:380, 466, 467, 495 and 787 for inclusion in the latest 11bf draft?

### Discussion

SR2SR sounding procedure has been described in PDT 22/1917r1. The text proposes Trigger based responder-to-responder sounding procedure.

**References:**

[1] 802.11bf Draft D0.3

[2] PDT R2R Sounding phase, Dong Wei, NXP.