IEEE P802.11
Wireless LANs

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| TGac Draft 1.0 resolution on comments related to PHY |
| Date: 2011-11-02 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Peter Loc | IWT Inc. | Cupertino CA 95014, USA |  | Peterloc@iwirelesstech.com |

##### Baseline is 11ac D1.2

PHY CIDs addressed: 2922, 3441

##### PHY

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| 2922 | Loc, Peter | 22.1.1 | 106 | 55-56 | Capabilities to Transmit or Receive should be separated to allow devices equipped with one antenna to benefit from receiving STBC without having to transmit STBC. | Change "(transmit and receive)" to "(transmit or receive or both)" | Accept in principal |
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| 3441 | Shapira, Nir | 22.3.8.2.3 | 142 | 4 | For the case of MU, GID overloading between BSSs can be solved if a partial BSSID can be carried in the VHT-SIG-A field. Resolving the MU group overload can enable STAs that match the GID but do not belong to the BSS to immediately drop frame and save power. It would also help Link Adaptation, since reception from other BSSs will disrupt proper link assessment. Currently VHT SIG-A has 5 reserved bits in MU mode (B2, B23 in SIG-A1, and B7,B8,B9 in SIG-A2). These 5 bits, if properly used to carry partial BBSID can practically solve GID overloading | Details will be provided in TG meeting | Comment withdrew by commentor |

Instruction to the editor:

CID 2922 PHY

22.1.1 P. 140, line 48

Change STBC (transmit and receive) to STBC (transmit or receive or both).