IEEE P802.11
Wireless LANs

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| Comment Resolution on Measurement Elements |
| Date: 2017-05-29 |
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Abstract

This submission proposes resolutions of comments received from TGay comment collection (TGay Draft 0.3).

* 1 CID: 227

Revisions:

* Rev 0: Initial version of the document.
1. **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 TGay 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 TGay Draft (i.e. they are instructions to the 802.11 editor on how to merge the text with the baseline documents).***

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

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| CID | Page Number | Line Number | Comment | Proposed Change | Resolution |
| 227 | 18 | 31 | Number of Rx Antennas for ith Requested Channel should be explicitly defined | Add definition for Number of Rx Antennas for ith Requested Channel subfield | Revised-Agree in principle with the comment. TGay editor to make the changes shown in 11-17/0845r0 under all headings that include CID 227. |

**Discussion:** None

**Propose:**

Revised for 1 CID 227 as per discussion and editing instructions in 11-17/0845r0.

**9.4.2.22.15 Directional Channel Quality report**

***TGay editor: Change Figure 14 and the paragragh preceding Figure 14 in page 20 (D0.35) as follows******(CID #227):***

The Extended Measurement Report subelement contains supplementary results of measurements performed by an EDMG STA over multiple 2.16 GHz channels using multiple RX DMG antennas. The format of the Extended Measurement Report data field depends on the values of the Channel Measurement Report Method subfield and the Antenna Measurement Report Method subfield. When both the Channel Measurement Report Method subfield and the Antenna Measurement Report Method subfield are 0, the results of measurements over the first 2.16 GHz channel using the first RX DMG antenna are carried in the Measurement for Time Blocks fields and the remaining results of measurements are carried in the Extended Measurement Report subelement. The Extended Measurement Report subelement data field format when both the Channel Measurement Report Method subfield and the Antenna Measurement Report Method subfield are 0 is shown in Figure 14. The Number of RX Antennas for j-th Reported Channel field (j=1,2,…,Nch) indicates the number of RX DMG antennas used by the reporting EDMG STA to perform measurements on the j-th reported channel. The Measurement Results for 1st Reported Channel field consists of N1 Measurement for Time Block subfields for each of NRX,1 RX DMG antennas excluding the first RX DMG antenna. The Measurement Results for j-th Reported Channel field (j=2,3,…,Nch) consists of Nj Measurement for Time Block subfields for each of NRX,j RX DMG antenna.

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|  | Number of RX Antennas for 1st Reported Channel (NRX,1) | Measurement Results for 1st Reported Channel | Number of RX Antennas for 2nd Reported Channel (NRX,2) | Measurement Results for 2nd Reported channel | … | Number of RX Antennas for Nchth Reported Channel (NRX,Nch) | Measurement Results for Nchth Reported channel |
| Octets: | 1 | N1×(NRX,1-1) | 1 | N2×NRX,2 |  | 1 | NNch×NRX,Nch |

**Figure 14 —Extended Measurement Report data field format when both the Channel Measurement Report Method subfield and the Antenna Measurement Report Method subfield are set to 0**

Straw Poll:

* **Do you agree to accept resolutions to CID 227 in doc 11-17/0845r0?**