IEEE P802.11
Wireless LANs

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| Comment Resolution for CIDs 1971, 1972, 1983, 2230 |
| Date: 2023-05-11 |
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Abstract

This document proposes resolutions to the following CIDs: 1971, 1972, 1983, 2230. All CID resolutions are relative to 802.11bf D1.0.

R0: Initial resolution proposals.

| **CID** | **Clause** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| --- | --- | --- | --- | --- | --- |
| 1971 | 11.55.1.2 | 170.27 | With "per-RX" it is not clear if this is one value or many values. | At 170.27 and 170.31 Change to "The RSSI reported for each receive antenna in the..." | Accepted |
| 1972 | 11.55.1.2 | 170.31 | "shall meet the accuracy requirement" -- the stament itself is establishing the requirement | Change to "...shall be accurate to within +-5 dB (95 percent confidence interval) for values in the range -82 dBm to -20 dBm." The rest can be added as a note: "NOTE--A similar accuracy is required for beacon RSSI; see 11.43." | Accepted |
| 2230 | 11.55.1.2 | 170.28 | Per RX RSSI has 8 bits. Why value is in the range of 0 to 62, not 0 to 63? | Change to "The per-RX antenna RSSI reported in the Sensing Measurement Report frame shall be in the range of 0 to 63." | Rejected, as the reporting range is 0-62, with 63-255 reserved. |

**Notes: The following is suggested text incorporating the three CIDs above for discussion and does not change anything beyond what was proposed by the commenter.**

11.55.1.2 Dependencies

The RSSI reported for each receive antenna in the Sensing Measurement Report frame shall be in the range of 0 to 62.

The RSSI reported for each receive antenna in the Sensing Measurement Report frame shall be accurate to within +-5 dB (95 percent confidence interval) for values in the range -82 dBm to -20 dBm. NOTE – a similar accuracy is required for beacon RSSI; see 11.43.

| **CID** | **Clause** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| --- | --- | --- | --- | --- | --- |
| 1983 | 11.55.1.5 | 184.17 | A shall statement about following the rules is silly: saying that an implementation shall follow the rules is just another way of saying that the implementation must be compliant with the standard. An implementation is either compliant or not compliant and no amount "shall follow the rules" is going to change that. The normative statements are in the bullets and the "shall" in the intro paragraph is superfluous. | Don't introduce a bunch of normative statements with a "shall follow the following rules" statement. A simple "the following apply:" is sufficient. | Accepted |

**Notes:**

**References:**