

Project: IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs)

Submission Title: [**Resolution to CID#26**]

Date Submitted: []

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Re: [In response to TG4g Call for Proposals]

Abstract: [SFF comment resolutions]

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Resolution to CID#26

CID#26: “Radio specification includes TBD.”

Resolution:

We would like to suggest the following resolutions with a room for further discussion

1. Receiver sensitivity

A receiver sensitivity of -90 dBm and adjacent/alternate channel rejection of 10/30 dB.

2. PSD mask

PSD masks should be per regulatory requirements and should be included in the regulatory annex.

3. Symbol rate tolerance

We think that a symbol rate tolerance is needed just because existing 15.4 standards specifies it. We do not need a value different from that of clock frequency tolerance (which is currently +/- 20ppm, we believe). We believe that keeping the format or structure of existing 15.4 standard as much as possible is important in order for getting favorable reception from broader 802.15 WG participants when we go to letter ballot.