

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

Submission Title: [Comment Resolutions related to GFSK BT value]

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Re: [TG4e comment resolution]

Abstract: [Comment resolutions related to GFSK BT value]

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Summary

This document describes the proposed resolution on the comments related to BT value of GFSK.

The following comment is addressed;
CID #71.

Comments

CID #71: If we're not specifying a filtering mechanism for FSK, why do we insist that if GFSK is used BT must be equal to 0.5?.

Proposed Change (commenter): Delete the following sentence:
"If GFSK is used as the form of filtered FSK, then the BT value shall be 0.5 for the frequency bands in Table 75a and Table 75b."

Proposed Resolution: Accept in principle.

Delete the sentence as proposed. In addition, the following sentence as follows "GFSK should be used in the 950 MHz band." to be revised as follows; "GFSK, BT=0.5 should be used in the 950 MHz band."

Rationale: For Japanese 950MHz band, it is better to limit the BT value in order to satisfy regulatory requirement of Tx spectrum mask in Japan. It also aligns with 15.4d standard.