IEEE P802.11
Wireless LANs

LB281 CR for OST CIDs (11.55.1 Sensing Procedure) – Part 2

Date: 2024-03-10

Author(s):

Name	Affiliation	Address	Phone	email
Stephan Sand	German Aerospace Center (DLR)			stephan.sand@ieee.org

Abstract

This submission discusses resolutions to the following 7 CIDs from LB281 of TGbf D3.0.
The CID list is: 4021, 4059, 4060, 4062, 4063, 4191, 4281

Proposed changes in this document are with reference to TGbf D3.0.

Revisions:
- Rev 0: Intitial version of the document

Proposed comment resolution

<mark style="background-color: cyan">Presented and discussed, no open discussion points</mark>
<mark style="background-color: yellow">Under discussion</mark>
G/T must be satisfied comment

CID	Commentor	Cat	Page	Comment	Proposed Change	Resolution
4062	Ankit Sethi	T	75.48	Support for optional CSI report feedback is not addressed. Further, security of CSI report is not addressed	Add a bit indication in Capability Element indicating support for CSI report feedback by station	Rejected Depending on the value of the Sensing Measurement Report Requested field within the Sensing Measurement Request frame, a STA reports CSI in TB and non-TB measurement exchanges see 11.55.1.5.2.6 and 11.55.1.5.3.3 for TB and non-TB measurement exchanges. Thus, CSI feedback can be optional both for TB and non-TB measurement exchanges. However, it is mandatory that a Sensing STA supports basic CSI reporting.
4191	Xilin Cheng	T	76.01	CID3099 is not fully resolved	Please refer to CID3099	Rejected Comment should refer to 77.27 in D3.0 Depending on the value of the Sensing Measurement Report Requested field within the Sensing Measurement Request frame, a STA reports CSI in TB and non-TB measurement exchanges see 11.55.1.5.2.6 and 11.55.1.5.3.3 for TB and non-TB measurement exchanges. Thus, CSI feedback can be optional both for TB and non-TB measurement exchanges. However, it is mandatory that a Sensing STA supports basic CSI reporting.
4063	Zheng Guo	T	77.27	Since transmission of Sensing Measurement Report frames by a sensing responder is optional (motion 60). a one-bit subfield "Reporting" should be added to	Add a one-bit subfield "Reporting" to "Figure 9-1001bi--Sensing field format."	Rejected Depending on the value of the Sensing Measurement Report Requested field within the Sensing Measurement Request frame, a STA reports CSI in TB and non-TB measurement exchanges see 11.55.1.5.2.6 and 11.55.1.5.3.3 for TB and non-TB measurement exchanges. Thus, CSI feedback can be optional both for TB and non-TB measurement

				"Figure 9-1001bi--Sensing field format."		exchanges. However, it is mandatory that a Sensing STA supports basic CSI reporting.
4059	Kiseon Ryu	T	77.28	Transmission of Sensing Measurement Report frames by a sensing responder should be optional.	Add 1 bit "Report" field indicating support of sensing measurement signaling by a sensing responder in Figure 9-1001bi--Sensing field format	Rejected Depending on the value of the Sensing Measurement Report Requested field within the Sensing Measurement Request frame, a STA reports CSI in TB and non-TB measurement exchanges see 11.55.1.5.2.6 and 11.55.1.5.3.3 for TB and non-TB measurement exchanges. Thus, CSI feedback can be optional both for TB and non-TB measurement exchanges. However, it is mandatory that a Sensing STA supports basic CSI reporting.
4281	Liuming Lu	G	136.08	The description is confusing as a sensing procedure may contain one or more sensing measurement session(s).	"Suggest to change ""A sensing procedure is initiated with the establishment of a sensing measurement session, which is then followed	Revised In principle agree with commen.t Resolved by CR to CID 4300 in document 11-24-0351/r2
4060	Kiseon Ryu	T	140.06	Transmission of Sensing Measurement Report frames by a sensing responder should be optional.	Please add a sentence "Transmission of Sensing Measurement Report frame by a sensing responder is optional."	Rejected Depending on the value of the Sensing Measurement Report Requested field within the Sensing Measurement Request frame, a STA reports CSI in TB and non-TB measurement exchanges see 11.55.1.5.2.6 and 11.55.1.5.3.3 for TB and non-TB measurement exchanges. Thus, CSI feedback can be optional both for TB and non-TB measurement exchanges. However, it is mandatory that a Sensing STA supports basic CSI reporting.
4021	Chaoming Luo	T	141.58	In TB exchanges, reports should not be sent if Sensing Measurement Report Requested field to 0. The current text	Change to "In both TB and non-TB sensing measurement exchanges"	Rejected P155L43-47 states already what is missing on P141L58 according to the comment: In TB sensing measurement exchanges, the sensing initiator shall not assign any UL resources to a sensing responder in a Sensing Reporting Trigger frame if the sensing initiator assigns in a

				appears missing it. We should have similar wording as P141L46.			Sensing Measurement Request frame the role of sensing receiver to the sensing responder and also sets the Sensing Measurement Report Requested field to 0.

CID 4191:

CID	Commentor	Cat	Clause	Page	Comment	Proposed Change	Submission	Resolution
3099	Xilin Cheng	T	9.4.2.321	76.01	According to Motion 60, transmission of Sensing Measurement Report frames by a sensing responder is optional.	Add a one-bit subfield "Reporting" to Figure 9-1002bi (Sensing field format)	23/2093r2	REJECTED The TG could not reach consensus on the changes necessary to address the comments. A set of LB272 CIDs proposing the same changes were discussed during the comment resolution process of LB272 (see document 23/0882). Based on offline discussions, we conclude that there is still no consensus in resolving the above LB276 CIDs.

Straw Poll

Do you support the resolution of the following 7 CIDs and instruct TGbf editor to incorporate the changes into the latest TGbf draft: 4021, 4059, 4060, 4062, 4063, 4191, 4281?
Y/N/A