

[95e-20-ITU-AH] ITU Discussion - Version 0.0.6
RAN

3GPP TSG RAN#95e

RP-220880

Electronic Meeting, March 17-23, 2022

Agenda items 8/8.1/8.2/8.3/8.5

Source: RAN ITU-R AH convener (Telecom Italia)

Document for: Information & Decision

The discussion in this thread covers topic #20 [95e-20-ITU-AH].

Please note that since documents have to be submitted to SA for their approval, **I plan to finalize the discussion on RP-220031 and RP-220032 by Friday 18th, 11:00 UTC.**

I also plan to conclude the discussion on the remaining documents by Monday 21st, 11:00 UTC.

As a consequence, the timeplan for E-mail discussion is the following:

- **Initial discussion:** from Thursday 17th 08:00 UTC to Friday 18th 11:00 UTC
- **Final discussion:** from Friday 18th 15:30 UTC to Monday 21st 11:00 UTC

The Chair indicated the following documents falls under this mail discussion: RP-220017, 0031, 0032, 0044, 0046, 0047, 0382, 0010, 0012, 0048, 0049, 0069.

Table 1:

Tdoc	Title	Source
RP-220010	Status Report RAN WG4	RAN4 chair (Huawei)
RP-220012	Status Report RAN WG5	RAN5 chair (Motorola Mobility)
RP-220017	Status Report ITU-R Ad hoc	3GPP ITU-R Ad hoc Contact (Telecom Italia)
RP-220031	DRAFT reply letter to ITU-R WP5D/TEMP/353-E = RP-211636 on the schedule for updating Recommendation ITU-R M.2150 to Revision 'After Year 2021' (RT-220003; to: RAN, SA ; cc: -; contact: Telecom Italia)	3GPP ITU-R Ad hoc

RP-220032	DRAFT reply letter to ITU-R WP5D/TEMP/356 = RP-211634 on the schedule for updating Recommendation ITU-R M.2012 to Revision 6 (RT-220004; to: RAN, SA; cc: -; contact: Telecom Italia)	3GPP ITU-R Ad hoc
RP-220044	LS on provision of inputs to the online ITS communication standards database from ITU (5GAA_WG4_S-220014; to: RAN, SA; cc: CT; contact: Huawei)	5GAA WG4
RP-220046	LS on Information on the completion of revision of Recommendation ITU-R M.2150 on radio interface technologies for the terrestrial component of IMT-2020 (ITU-R WP5D/TEMP/550(Rev.1); to: RAN, SA, ARIB, ATIS, CCSA, ETSI, TTA, TTC, TSDSI, ETSI TC DECT and DECT Forum, Nufront, ARIB, ATIS, CCSA, ETSI, TTA, TTC, TSDSI, 5G IA, ATIS WTSC, ChEG, CEG, WWRF, TCoE, 5GMF, TTA SPG33; TPCEG; ETSI IEG; 5G IF; AEG; Bnrist EG; CIRAT; cc: -; contact: Counsellor ITU-R SG 5)	ITU-R WP5D
RP-220047	LS on Availability of Addendum 1 to Circular Letter 5/LCCE/94 (ITU-R WP5D/TEMP/532(Rev.1); to: RAN, SA, 5G Americas, ARIB, ATIS, CCSA, EBU, ETSI TC DECT and DECT Forum, GSMA, IEEE, ITRI, NGMN, Nufront, one6G, TTA, TTC, TSDSI, Wi-Fi Alliance, WiMAX Forum, Wireless Innovation Forum, XGP Forum, 5G IA, ATIS WTSC, ChEG, CEG, WWRF, TCoE, 5GMF, TTA SPG33, TPCEG, ETSI IEG, 5G IF, AEG, Bnrist EG, CIRAT; cc: NUFRONT; contact: Counsellor ITU-R SG 5)	ITU-R WP5D

RP-220048	DRAFT reply letter to ITU-R WP5D/TEMP/353-E = RP-211636 on the schedule for updating Recommendation ITU-R M.2150 to Revision ‘After Year 2021’ (to: SA ; cc: -; contact: Telecom Italia)	Telecom Italia
RP-220049	DRAFT reply letter to ITU-R WP5D/TEMP/356 = RP-211634 on the schedule for updating Recommendation ITU-R M.2012 to Revision 6 (to: SA; cc: -; contact: Telecom Italia)	Telecom Italia
RP-220069	Draft reply LS to ITU-R WP5D/TEMP/482rev1 = RP-212699 (update to RP-213642) on work towards two new recommendations ”Generic unwanted emission characteristics of base / mobile stations using the terrestrial radio interfaces of IMT-2020” (to: PCG; cc: -; contact: Telecom Italia)	Telecom Italia
RP-220382	Draft Reply LS to 5GAA on ”online ITS communication standards database from ITU” (to: 5GAA WG4, SA; cc: CT; contact: Deutsche Telekom)	Deutsche Telekom

1 Initial Round

1.1 Discussion and proposals

1.1.1 Status Report

It is proposed to note the status report in RP-220017

Companies are encouraged to provide feedbacks on the moderator’s proposal

Feedback Form 1:

<p>1 – Huawei Tech.(UK) Co.. Ltd</p> <p>No issue with the status report, it looks fine.</p>
<p>2 – Beijing Xiaomi Mobile Software</p> <p>Indeed, no comments</p>
<p>3 – NTT DOCOMO INC.</p> <p>We are fine with the status report and the moderator’s proposal.</p>
<p>4 – Intel Technology India Pvt Ltd</p> <p>fine with the SR, thank you!</p>
<p>5 – Ericsson LM</p> <p>SR looks fine, thanks</p>

1.1.2 Revision of Rec. M.2150 (IMT-2020)

Relevant documents: 31, 46, 47 (48)

Proposal 1: It is proposed to note 46 and 47 (LS from WP5D on new technologies to be part of IMT-2020 or for further evaluation).

It is proposed to correct some editorials in 31 (i.e., based on 46 and 47, ITU-R WP5D created M.2150 rev.1, therefore the title should be changed by removing the words ”to Revision ‘After Year 2021’” in the title of the document to be submitted to WP5D). The document is revised in 48 to be endorsed by RAN and submitted to SA. SA will have to review the document and send it to PCG for their approval. Draft_RP-220048 is available in the inbox/draft

Proposal 2: RAN to endorse RP-220048 by **Friday 18th, 11:00 UTC** and submit it to SA

Companies are encouraged to provide feedbacks on the moderator’s proposals

Feedback Form 2:

<p>1 – Huawei Tech.(UK) Co.. Ltd</p> <p>The draft response is fine in our view. Thank you.</p>
<p>2 – Qualcomm Incorporated</p> <p>2 comments:</p> <p>1) table of next steps/actions may be updated, i.e. removing step1</p> <p>2) Annex1 description: last sentence (”this would facilitate ...”) is a bit unclear; suggest to remove it</p>

<p>(perhaps the entire final paragraph is not needed?)</p> <p>Plus a Question: About the final TR to attach, assuming we use the Mar '22 version, when would that be available?</p>
<p>3 – TELECOM ITALIA S.p.A.</p> <p>to Qualcomm (thanks for the comments)</p> <p>1) I would prefer to keep the entire table (it shows the process and where we are)</p> <p>2) agree, I will revise the document accordingly</p>
<p>4 – TELECOM ITALIA S.p.A.</p> <p>forgot to answer the question on the TR. The plan is for MCC to submit to PCG the version based on the outcome of TSGs#95. Therefore, the version will be available at PCG#48, in April</p>
<p>5 – Beijing Xiaomi Mobile Software</p> <p>the updates including the change in Annex 1 based on QC comment look fine</p>
<p>6 – NTT DOCOMO INC.</p> <p>We are fine with the moderator's proposals 1 and 2 (draft rev1).</p>
<p>7 – Intel Technology India Pvt Ltd</p> <p>thanks, the updated draft RP-220048 looks fine to us</p>
<p>8 – Huawei Tech.(UK) Co., Ltd</p> <p>Thank you, we are also fine with the updated draft RP-220048_RT-220003 rev 1</p>
<p>9 – Ericsson LM</p> <p>The updated version in RP-220048_RT-220003 rev 1 looks fine, thanks.</p>

1.1.3 Revision of M.2012 (IMT-Advanced)

Relevant documents: 32 (49, 908)

It is proposed to correct some editorials in 32 (i.e., the submission deadline is June 6th, not January 31st). The document is revised in 49 to be endorsed by RAN and submitted to SA. The endorsed version is RP-220908. SA will have to review the document and send it to PCG for their approval. RP-220049 is available in the inbox/draft to be endorsed in RP-220908

Proposal: RAN to endorse RP-220908 by **Friday 18th, 11:00 UTC** and submit it to SA

Companies are encouraged to provide feedbacks on the moderator's proposal

Feedback Form 3:

1 – Huawei Tech.(UK) Co.. Ltd The draft response is fine is our view. Thank you.
2 – Qualcomm Incorporated same comments & question as above
3 – TELECOM ITALIA S.p.A. same answer as before :-)
4 – Beijing Xiaomi Mobile Software Okay with the updated rev 1 response.
5 – NTT DOCOMO INC. We are fine with the moderator’s proposal (rev 1).
6 – Intel Technology India Pvt Ltd thanks,. we are fine with RP-220049 rev 1
7 – Huawei Tech.(UK) Co.. Ltd Thank you, we are also fine with the updated rev 1 of RP-220049_RT-220004
8 – Ericsson LM Similar as above the updated version looks fine, thanks.

1.1.4 Unwanted emissions (IMT-2020)

Relevant documents: 10, 12, (69)

At RAN#94e, RAN4 and RAN5 were mandated to prepare an answer to RP-212699, LS from WP5D providing the timeplan for the creation of two new Recommendations on unwanted emissions for IMT-2020. The indicated deadline for submitting the 3GPP material is June 6th, 2022.

In RAN4 and RAN5 status reports (docs 10 and 12), it is stated that the groups are not able to provide an answer according to the decision taken at RAN#94, due to the very complex nature of these two new Recommendations.

RAN4 and RAN5 propose to complete their task by RAN#97, and consequently submit the relevant material to WP5D in time for their October meeting.

Proposal 1: RAN to agree with the recommendation from RAN4 and RAN5

Proposal 2: 3GPP to inform WP5D of the new plan. A draft LS is available in the inbox/draft (doc 69). The RAN endorsed document should be submitted to SA and PCG for their review and approval.

Companies are encouraged to provide feedbacks on the moderator's proposals

Feedback Form 4:

<p>1 – Ericsson LM</p> <p>We support proposal 1 and for proposal 2 the procedure is okay and (69)rev1 draft LS looks good.</p>
<p>2 – Huawei Tech.(UK) Co.. Ltd</p> <p>We support proposal 1 and proposal 2 with some further editorial revisions in (69)rev2. Thank you for the good revisions in (69)rev1, we agree with deleting the text previously highlighted in yellow.</p> <p>Just a note for clarification on the sentence above proposal 1. We believe it should say RAN#97 instead of RAN#96, to be consistent with the recommendation from RAN4 and RAN5.</p>
<p>3 – Qualcomm Incorporated</p> <p>69rev2 looks good to me</p>
<p>4 – TELECOM ITALIA S.p.A.</p> <p>69rev2 looks good to me. And yes, in the NWM (sentence before proposal 1) it should be RAN#97. I will correct in the next version</p>
<p>5 – Intel Technology India Pvt Ltd</p> <p>thanks, we are also fine with the moderator proposals and the draft LS</p>
<p>6 – Ericsson LM</p> <p>69rev2 looks good. Thanks</p>

1.1.5 ITS communication standards database

Relevant documents: 44, (382)

5GAA informed 3GPP that ITU-T asked different vertical bodies to populate an online ITS communication standards database. 5GAA is preparing an answer based on 3GPP specifications and technical reports as an addition of earlier communication on this matter with 3GPP already.

5GAA is asking guidance to 3GPP if internal 3GPP TRs can be indicated to ITU-T. It is proposed to answer that TR 37.875 should not be included for the communication to ITU and a newly identified RAN1 TR (37.985) should be considered.

Deutsche Telekom will draft an answer to 5GAA in RP-220382.

Proposal 1: DT to draft an answer to SA indicating RANs decision on the 2 RAN TRs and ask for inclusion of this information to the SA rely LS to 5GAA.

Companies are encouraged to provide feedbacks on the moderator's proposal

Feedback Form 5:

1 – Deutsche Telekom AG

The draft LS in 382 is in the INBOX now:

https://www.3gpp.org/ftp/tsg/ran/TSGRAN/TSGR_95e/Inbox/RP-220382.zip

Please instead of starting editing it let's have a discussion here in the initial round and I will provide an update tomorrow.

The main to relevant points are:

- should the RAN4 TR 37.875 be populated to the ITU ITS database ?
 - o I suggest not as this is only an interim TR in RAN4 to list the concurrent combination before those are populated in the TS 36.101, 38.101-1 & 38.101-3
- Should the newly identified RAN1 TR 37.985 be populated ?
 - o I suggest yes, as this is a TR especially intened for external overview of the 3GPP C-V2X functionalities

In order to minimse the communication between group it is suggested that RAN informs SA until early next week about our decision and ask SA to include RAN's answer for the TRs under our responsibility in the reply LS to 5GAA

2 – Ericsson LM

Our understanding regarding the RAN4 TR 37.875 is the same as Deutsche Telekom, i.e. it is a interim TR and nothing we should indicate to ITU-T via 5GAA. Further the TR is not completed yet either.

Regarding the RAN1 TR 37.985. Our understanding is that it is already part of the database in ITU-T and hence there is no need to indicate it, if we are not incorrect. The ITU-T database being located here (<https://www.itu.int/net4/ITU-T/landscape#?topic=0.131&workgroup=1&searchValue=&page=1&sort=Revelance>).

How to answer the LS we agree with DT.

<p>3 – Huawei Tech.(UK) Co.. Ltd</p> <p>We agree with the observation from Ericsson that TR37.875 is already part of the ITU database so there is no need for discuss it in the LS response to 5GAA, although it could be useful to provide that observation in case 5GAA is not yet aware of it. Otherwise it would be sufficient for RAN to provide a response clarifying that the internal TR is not be used to populate the database. The text proposed in the draft LS on that aspect is fine, as well as the proposed communication with SA.</p>
<p>4 – Qualcomm Incorporated</p> <p>Agree on the RAN4 TR.</p> <p>On the RAN1 TR, if already in the ITU DB, it can be removed from the LS</p>
<p>5 – Deutsche Telekom AG</p> <p>Dear all, I added the RAN1 TR as I got information it is not yet.</p> <p>I will update the reply LS by taking this out.</p> <p>I propose to the moderator of this Thread that we can close this discussion topic just after the initial round and agree the LS to SA on Monday by email - I will inform Washi that we need to sent this to SA so that they can finalise the outcoing LS to 5GAA also including RANs response.</p>
<p>6 – Beijing Xiaomi Mobile Software</p> <p>fine with the removal of the RAN1 TR from the LS and the way forward proposed by the moderator</p>
<p>7 – Deutsche Telekom AG</p> <p>Thanks all for conformation.</p> <p>The final draft LS is in the inbox: https://www.3gpp.org/ftp/tsgran/TSGRAN/TSGR_95e/Inbox/RP-220910.zip</p> <p>@Moderator: I think we can consider this as approvable to sent it today to SA as they wait for it ...</p>
<p>8 – Ericsson LM</p> <p>Proposal and final draft LS looks good. Thanks for handling this.</p>

1.2 Summary of Initial Round

The following table provides the summary of the discussion.

Based on the achieved consensus, the moderator suggests closing this discussion.

Table 2:

Topic	Discussion	Conclusion
RP-220017 Status Report	The document can be noted	RP-220017 is noted

Revision of Rec. M.2150 (IMT-2020) Documents 31, 46, 47, 48	46 and 47 are noted 48 implement some editorial changes to 31 and can be endorsed by RAN and submitted to SA. Note the following clarification: Attachments: TR 21.917 – note: the attachment will be provided at PCG#48 by MCC	RP-220046 and RP-220047 are noted RP-220048 can be endorsed by RAN and submitted to SA – SA will submit it to PCG#48
Revision of M.2012 (IMT-Advanced) Documents 32, 49, 908	49 proposed a draft answer to implement some editorial changes to 32. It is revised in 908. 908 can be endorsed by RAN and submitted to SA. Note the following clarification: Attachments: TR 21.917 – note: the attachment will be provided at PCG#48 by MCC	RP-220908 can be endorsed by RAN and submitted to SA – SA will submit it to PCG#48
Unwanted emissions (IMT-2020) Documents 10, 12, 69, 911	69 proposed a draft Letter to ITU (LTI) to indicate that 3GPP will provide the required documentation by WP5D meeting in October. The document is revised in 911 (tdoc number to be assigned by Joern). 911 can be endorsed by RAN and submitted to SA.	RP-220911 can be endorsed by RAN and submitted to SA – SA will submit it to PCG#48
ITS communication standards database Documents 44, 382, 910, 912	382 proposed a draft LS to be submitted to SA (and merged with their answer to 5GAA). It is revised in 910. 910 is revised in 912 to indicate the source RAN. 912 can be approved by RAN and submitted to SA.	RP-220912 can be approved by RAN and submitted to SA

2 Conclusions

There is no need to continue the discussion. The conclusions are given in Table 2 in Section 1.2

Documents 0031, 0032, 0044, 0382, 0049, 0069 are noted