IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TGaz May – July 2021 Telecon Minutes | | | | |
| Date: 2021-03-15 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Assaf Kasher | Qualcomm |  |  | akasher@qti.qualcomm.com |
|  |  |  |  |  |

Abstract

This document contains minutes for the TGaz electronic Interim in May 2021.

1. **TGaz – May 26th, 2021** 
   1. Called to order by TGaz Chair, Jonathan Segev (Intel Corporation) and Vice Chair and secretary (active), Assaf Kasher (Qualcomm), at **10:00am PDT,**
   2. Agenda Doc. [**IEEE 802.11-21/0486r8**](https://mentor.ieee.org/802.11/dcn/21/11-21-0486-08-00az-tgaz-may-meeting-agenda.pptx)  **(in progress - slide 26**
   3. Review Patent Policy and logistics
      1. Chair reviewed the IEEE-SA Patent Policy, duty to inform, the guideline for IEEE WG meetings and logistics – no clarifications requested.
      2. Chair called for any potentially essential patents, no one stepped forward.
      3. Chair reminded participants to register their attendance using imat.
      4. Chair reviewed other guidelines for IEEE meetings, asked if any clarifications are requested, no one stepped forward.
      5. Chair reviewed IEEE copyright policy, – no clarification requested
      6. Chair reviewed IEEE code of ethics and WG participation as an individual professional. – no clarification requested
      7. Chair reviewed IEEE 802 ground rules
      8. Recorded Participation requirement  
         Headcount: ~12 present
   4. Agenda
      1. Discussion topics (review submissions):
         1. 11-21-835 TGaz LB253 Comment Resolution (Jonathan Segev) – for completion
         2. 11-21-834 Mandatory secure LTF repetitions (Christian Berger) – 25 minutes
         3. 11-21-864 Comment Resolutions of CID 5090 (Steve Shellhammer) 15 minutes
      2. Special order items:
      3. Review submission pipeline and call for submissions (2min)
      4. Review future telecons (3 min)
   5. Jonathan Segev presented [11-21-835](https://mentor.ieee.org/802.11/dcn/21/11-21-0835-02-00az-lb253-group-cr.docx)
      1. CID 5252 - “Sounding Dialog Token Number” \_to “Dialog Token” in passive TB ranging report – further work needed
      2. CID 5253 – Changed to Revise – need more work
      3. CID 5254 – Reject
      4. CID 5378 - Revise
      5. Straw poll
      6. We agree to the resolution depicted by document 11-21-0825r2 for CIDs 5203, 5254, 526, 5294, 5381, 5378, 5381, 5444 (9 CIDs total).
      7. Results (Y/N/A): (8/0/0)
   6. Christian Berger presented [11-21-834r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0834-00-00az-comment-resolution-lb253-mandatory-secure-ltf-repetitions.docx)
      1. CID 5189 – needs more work – wait for another presentation
   7. Stever Shellhammer presented [11-21-864](https://mentor.ieee.org/802.11/dcn/21/11-21-0864-01-00az-comment-resolutions-of-cid-5090.docx)
      1. CID 5090 – revised
      2. **Strawpoll** :
      3. We agree to the resolution depicted by document 11-21-0864r1 for CIDs 5090 (1 CIDs total).
      4. Results (Y/N/A): 9/0/1
   8. Submission pipeline – empty
   9. Scheduled telecons: slide 54
   10. AOB
   11. Adjourned at 11:40PDT
   12. Attendance:

|  |  |  |  |
| --- | --- | --- | --- |
| TGaz | 5/26 | Berger, Christian | NXP Semiconductors |
| TGaz | 5/26 | Bhandaru, Nehru | Broadcom Corporation |
| TGaz | 5/26 | Carney, William | Sony Group Corporation |
| TGaz | 5/26 | Kasher, Assaf | Qualcomm Incorporated |
| TGaz | 5/26 | Raissinia, Alireza | Qualcomm Incorporated |
| TGaz | 5/26 | Rosdahl, Jon | Qualcomm Technologies, Inc. |
| TGaz | 5/26 | Roy, Richard | self |
| TGaz | 5/26 | Segev, Jonathan | Intel Corporation |
| TGaz | 5/26 | Shellhammer, Stephen | Qualcomm Incorporated |
| TGaz | 5/26 | Wang, Chao Chun | MediaTek Inc. |
| TGaz | 5/26 | Wu, Tianyu | Apple, Inc. |
| TGaz | 5/26 | Yee, Peter | NSA-CSD |
| TGaz | 5/26 | Zeng, Ruochen | NXP Semiconductors |

1. **TGaz – June 2nd , 2021** 
   1. Called to order by TGaz Chair, Jonathan Segev (Intel Corporation) and Vice Chair and secretary (active), Assaf Kasher (Qualcomm), at **10:00am PDT,**
   2. Agenda Doc. [**IEEE 802.11-21/0486r10**](https://mentor.ieee.org/802.11/dcn/21/11-21-0486-10-00az-tgaz-may-meeting-agenda.pptx)  **(in progress - slide 26**
   3. Review Patent Policy and logistics
      1. Chair reviewed the IEEE-SA Patent Policy, duty to inform, the guideline for IEEE WG meetings and logistics – no clarifications requested.
      2. Chair called for any potentially essential patents, no one stepped forward.
      3. Chair reminded participants to register their attendance using imat.
      4. Chair reviewed other guidelines for IEEE meetings, asked if any clarifications are requested, no one stepped forward.
      5. Chair reviewed IEEE copyright policy, – no clarification requested
      6. Chair reviewed IEEE code of ethics and WG participation as an individual professional. – no clarification requested
      7. Chair reviewed IEEE 802 ground rules
      8. Recorded Participation requirement  
         Headcount: ~12 present
   4. Agenda:
      1. Submissions:
         1. 11-21-0901 TB Ranging RSTA Availability Window Periodicity (Christian Berger) – 20min
         2. 11-21-0911 comment-resolution-lb253-CID 5377 (Christian Berger) – 25min
         3. 11-21-0917 lb253 CR CID 5189-5192 (Tianyu Wu) – 30min

* 1. Christian Berger presented [11-21-0901](https://mentor.ieee.org/802.11/dcn/21/11-21-0901-00-00az-tb-ranging-rsta-availability-window-periodicity.docx)
     1. Title: TB Ranging RSTA Availability Window Periodicity
     2. Strawpoll  
        We agree to the text changes depicted in 11-21-901r0.   
        Results (Y/N/A): 7/0/1
  2. Christian Berger presented [11-21-0911](https://mentor.ieee.org/802.11/dcn/21/11-21-0911-02-00az-comment-resolution-lb253-cid-5377.docx)
     1. CID5377 – need more work
  3. Tianyu Wu presented [11-21-917](https://mentor.ieee.org/802.11/dcn/21/11-21-0917-00-00az-lb253-cr-for-cid-5189-5192.docx)
     1. Title lb253 CR CID 5189-5192
     2. Strawpoll:  
        We agree to the resolution depicted by document 11-21-0917r0 for CIDs 5189, 5192 (2 CIDs total).   
        Results (Y/N/A): 4/1/2
     3. AOB
     4. Adjourned at 11:35
     5. Attendance:  
        

1. **TGaz – June 9th, 2021**
   1. Called to order by TGaz Chair, Jonathan Segev (Intel Corporation) and Vice Chair and secretary (active), Assaf Kasher (Qualcomm), at **10:00am PDT,**
   2. Agenda Doc[. **IEEE 802.11-21/0486r12**](https://mentor.ieee.org/802.11/dcn/21/11-21-0486-12-00az-tgaz-may-meeting-agenda.pptx)  **(in progress - slide 26**
   3. Review Patent Policy and logistics
      1. Chair reviewed the IEEE-SA Patent Policy, duty to inform, the guideline for IEEE WG meetings and logistics – no clarifications requested.
      2. Chair called for any potentially essential patents, no one stepped forward.
      3. Chair reminded participants to register their attendance using imat.
      4. Chair reviewed other guidelines for IEEE meetings, asked if any clarifications are requested, no one stepped forward.
      5. Chair reviewed IEEE copyright policy, – no clarification requested
      6. Chair reviewed IEEE code of ethics and WG participation as an individual professional. – no clarification requested
      7. Chair reviewed IEEE 802 ground rules
      8. Recorded Participation requirement  
         Headcount: ~12 present
   4. Agenda
      1. LB253 and D3.1 status (Roy Want) – 5 min
      2. Discussion topics (review submissions):
         1. 11-21-901 TB Ranging RSTA Availability Window Periodicity (Christian Berger) - defer
         2. 11-21-911 comment-resolution-lb253-CID 5377 (Christian Berger) - defer
         3. 11-21-928 LB253 Passive TB Ranging CR (Erik Lindskog) – as needed
         4. 11-21-967 Misc CID resolutions – (Dibakar Das) as time permits
   5. Roy Want present LB253 and D3.1 status
      1. D3.1 is present in the members area
      2. 38 comments are unassigned
   6. Erik Lindskog presented [11-21-928](https://mentor.ieee.org/802.11/dcn/21/11-21-0928-01-00az-lb253-passive-tb-ranging-cr.docx)
      1. Title 11-21-928 LB253 Passive TB Ranging CR
      2. CID 53255 – revised
      3. CID 5252 – revised
      4. CID 5020 – revised
      5. CID 5021 – Revised
      6. CID 5025 – transferred to editor
      7. CID 5024 – removed from to the document – discussion to use the same text as used in the LMR rather than “which via”
      8. CID 5026 – revised
      9. CID 5032 – revised
      10. CID 5033 – Revised
      11. CID 5391 –
      12. CID 5034 – revised
      13. CID 5035 – reject
      14. CID 5043 – revised
      15. CID 5073 - revised
      16. CID 5074 – revised
      17. CID 5076 – revised (agree in principle)
      18. CID 5077 – revised
      19. CID 5242 – revised
      20. **Strawpoll**   
          We agree to the resolution depicted by document 11-21-0928r1 for CIDs 5235, 5252, 5253, 5020, 5021, 5026, 5032, 5033, 5367, 5391, 5034, 5035, 5043, 5073, 5074, 5076, 5242.  
          results: (Y/N/A) – 7/0/0
   7. Scheduled Telecons:
      1. Additional telecons on June 17, July 1st, 8th
   8. AOB
   9. Adjourned at 11:59 PDT
   10. Attendance:  
       
2. **TGaz – June 16th, 2021**
   1. Called to order by TGaz Chair, Jonathan Segev (Intel Corporation) and Vice Chair and secretary (active), Assaf Kasher (Qualcomm), at **10:00am PDT,**
   2. Agenda Doc[. **IEEE 802.11-21/0486r13**](https://mentor.ieee.org/802.11/dcn/21/11-21-0486-13-00az-tgaz-may-meeting-agenda.pptx)  **(in progress - slide 75**
   3. Review Patent Policy and logistics
      1. Chair reviewed the IEEE-SA Patent Policy, duty to inform, the guideline for IEEE WG meetings and logistics – no clarifications requested.
      2. Chair called for any potentially essential patents, no one stepped forward.
      3. Chair reminded participants to register their attendance using imat.
      4. Chair reviewed other guidelines for IEEE meetings, asked if any clarifications are requested, no one stepped forward.
      5. Chair reviewed IEEE copyright policy, – no clarification requested
      6. Chair reviewed IEEE code of ethics and WG participation as an individual professional. – no clarification requested
      7. Chair reviewed IEEE 802 ground rules
      8. Recorded Participation requirement  
         Headcount: ~11 present
   4. Agenda:
      1. Submission:
         1. 11-21-978 LB253 Passive TB Ranging CR - part II (Erik Lindskog) - continue from 11-21-928 (as needed)
         2. 11-21-967 Misc-CID-resolution (Dibakar Das) – as time permits.
      2. Special order items:
         1. Review submission pipeline and call for submissions (2min)
         2. Review future telecons (3 min)
   5. Erik Lindskog presented 11-21-978
      1. Title LB253 Passive TB Ranging CR – part II
      2. CID 5077, 5243: Revise
      3. CID 5078, 5246: Revise
      4. CID 5075, 5244, 5245: Revise
      5. CID 5079, Revised
      6. CID 5080, 5082, Revised
      7. CID 5083, CID 5084
      8. CID 5081,
      9. CID 5143, Revised
      10. CID 5022, Needs more work
      11. Strawpoll:
      12. We agree to the resolution depicted by document 11-21-978r1 for IDS 507, 5243, 5078, … and 5143, (14 CIDs total)  
          Results (Y/N/A): 9/0/0
   6. Dibakar Das presented 11-21-967
      1. CID 5451, revised, already fixed in D3.1
      2. CID 5450, rejected
      3. CID 5449, needs more discussion – will continue next week
   7. CID status
   8. Submission pipeline slide 78
   9. Scheduled telecons – slide 79
   10. AOB
   11. Adjourned at 12:01 PDT

|  |  |  |  |
| --- | --- | --- | --- |
| Attendance: TGaz | 6/16 | Ahmad, Tufail | koc university |
| TGaz | 6/16 | Bahn, Christy | IEEE STAFF |
| TGaz | 6/16 | Bhandaru, Nehru | Broadcom Corporation |
| TGaz | 6/16 | Chu, Liwen | NXP Semiconductors |
| TGaz | 6/16 | Kasher, Assaf | Qualcomm Incorporated |
| TGaz | 6/16 | Lee, Richard | R Lee Associates |
| TGaz | 6/16 | Raissinia, Alireza | Qualcomm Incorporated |
| TGaz | 6/16 | Rosdahl, Jon | Qualcomm Technologies, Inc. |
| TGaz | 6/16 | Roy, Richard | self |
| TGaz | 6/16 | Segev, Jonathan | Intel Corporation |
| TGaz | 6/16 | Wang, Chao Chun | MediaTek Inc. |
| TGaz | 6/16 | Yee, Peter | NSA-CSD |

1. **TGaz – June 30th 2021** 
   1. Called to order by TGaz Vice Chair Assaf Kasher (Qualcomm) with Secretary (acting, for this meeting only), Peter Yee (NSA-CSD), at **10:33 am PDT,**
   2. Agenda Doc. **IEEE 802.11-21/0486r17** (amended to 11-21/486r18) **(in progress - slide 95)**
   3. Review Patent Policy and logistics
      1. Chair reviewed the IEEE-SA Patent Policy, duty to inform, the guideline for IEEE WG meetings and logistics – no clarifications requested.
      2. Chair called for any potentially essential patents, no one stepped forward.
      3. Chair reminded participants to register their attendance using IMAT.
      4. Chair reviewed other guidelines for IEEE meetings, asked if any clarifications are requested, no one stepped forward.
      5. Chair reviewed IEEE copyright policy, – no clarification requested
      6. Chair reviewed IEEE code of ethics and WG participation as an individual professional. – no clarification requested
      7. Chair reviewed IEEE 802 ground rules
      8. Recorded Participation requirement  
         Headcount: 14 present
   4. Agenda
      1. Submissions
         1. 11-21-478 CID resolutions for LB253 (Ali Raissinia) – as needed
      2. Review submission queue
      3. Review future telecons.
   5. Roy Want presented 11-21-0749-04
      1. Title: CID RESOLUTION STATUS 2021-06-029
      2. Remaining CIDs:
         1. Technical: 77
         2. General: 2
         3. Editorial: 171
         4. Unassigned: 33
         5. Erik Lindskog volunteered to relieve Dibakar Das of CID 5231
   6. Erik Lindskog presented 11-21-1021-01
      1. Title: LB253 Passive TB Ranging CR – Part III
      2. CID 5283: Reject
      3. CID 5022: Revise, but agree in principle
      4. CID 5023: Revise, in favor of “timestamp”
      5. CID 5024: Reject, but the sentence in question (actually at 88.03, not 89.03) needs a rewrite as previously agreed. Lindskog will remove it.
      6. CID 5025: Revise, agree in principle
      7. CID 5055: Accept
      8. CID 5028: Revise, again, after considering the original resolution found in 11-21/0929r02. Consideration will have to be given to make sure the resolution given here takes precedence over the relevant parts in the resolution in 11-21/0929r02.
      9. **Strawpoll:**We agree to the resolutions contained in document in 11-21-1021r2 for CIDs 5283, 5022, 5023, 5025, 5055, and 5028 (6 CIDs total).  
         **Results**: (8/0/0)
   7. Submission pipeline:
      1. 11-21-969 LB253 CRs part C (Nehru Bhandaru)
      2. 11-21-989 CID 5044 (Ali Raissinia)
   8. Scheduled telecons: slide 98
   9. AOB?
   10. Adjourned at 11:04 a.m. PDT
   11. Attendance:

|  |  |  |  |
| --- | --- | --- | --- |
| TGaz | 6/30 | Berger, Christian | NXP Semiconductors |
| TGaz | 6/30 | Das, Dibakar | Intel Corporation |
| TGaz | 6/30 | Grandhe, Niranjan | NXP Semiconductors |
| TGaz | 6/30 | Kasher, Assaf | Qualcomm Incorporated |
| TGaz | 6/30 | Lee, Rich |  |
| TGaz | 6/30 | Lindskog, Erik | Samsung |
| TGaz | 6/30 | Rosdahl, Jon | Qualcomm Incorporated |
| TGaz | 6/30 | Thompson, Tom | IEEE Standards Association (IEEE-SA) |
| TGaz | 6/30 | Wang, Chao-Chun | MediaTek Inc. |
| TGaz | 6/30 | Wang, Qi | Apple, Inc. |
| TGaz | 6/30 | Want, Roy | Google |
| TGaz | 6/30 | Wei, Dong | NXP Semiconductors |
| TGaz | 6/30 | Wu, Tianyu | Apple, Inc. |
| TGaz | 6/30 | Yee, Peter | NSA-CSD |

1. **TGaz – July 1st,  2021** 
   1. Called to order by TGaz Vice Chair and secretary (active), Assaf Kasher (Qualcomm), , at 9:01 am PST,
   2. Agenda Doc. IEEE 802.11-21/0486r19                                                                                              (in progress - slide 99)
   3. Review Patent Policy and logistics
      1. Chair reviewed the IEEE-SA Patent Policy, duty to inform, the guideline for IEEE WG meetings and logistics – no clarifications requested.
      2. Chair called for any potentially essential patents, no one stepped forward.
      3. Chair reminded participants to register their attendance using imat.
      4. Chair reviewed other guidelines for IEEE meetings, asked if any clarifications are requested, no one stepped forward.
      5. Chair reviewed IEEE copyright policy, – no clarification requested
      6. Chair reviewed IEEE code of ethics and WG participation as an individual professional. – no clarification requested
      7. Chair reviewed IEEE 802 ground rules
      8. Recorded Participation requirement Headcount: ~ 9 present
   4. Agenda
      1. Discussion topics (review submissions):
      2. Submissions:
         1. 11-21-1034 lb253-CR-for-9.3.1.19 – Tianyu Wu (45 minutes)
         2. 11-21-1007 Tx Power Clarification – Tianyu Wu (20 minutes)
         3. 11-21-1038 LB253 resolution to some CID set 3 – Assaf Kasher (30 minutes)
      3. Review submission pipeline and call for submissions (2min – special order)
      4. Review future telecons (3 min – special order)
      5. AoB
   5. Tianyu Wu presented [11-21-1034r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1034-01-00az-lb253-cr-for-9-3-1-19.docx)
      1. CIDs - 5001, 5002, 5103, 5106, 5160, 5423, 5432, 5433, 5434, 5436
      2. Revision r1 which incorporates the resolutions agreed by the group was uploaded.
      3. **Strawpoll** :  
         We agree to the resolutions contained in document 11-21-1034r1 for CIDs 5001, 5002, 5103, 5106, 5160, 5423, 5432, 5433, 5434, and 5436. (10 CIDs total).  
         Results (Y/N/A):7/0/1
   6. Tianyu Wu presented [11-21-1007r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1007-01-00az-spec-text-proposal-on-tx-power-clarification.docx)
      1. <https://mentor.ieee.org/802.11/dcn/21/11-21-1007-00-00az-spec-text-proposal-on-tx-power-clarification.docx>
      2. Technical contribution - Spec text proposal on Tx power clarification
      3. No discussion
      4. **Strawpoll**:  
         We agree to the text changes proposed by document 11-21-1007r1  
         Results (Y/N/A) (3/0/4)
   7. Assaf Kasher presented [11-21-1038r1](https://mentor.ieee.org/802.11/dcn/21/11-21-1038-01-00az-lb253-resoluiton-to-cid-set3.docx)
      1. Revision r1 which incorporates the resolutions agreed by the group was uploaded.
      2. Strawpoll :  
         We agree to the resolutions contained in document 11-21-1038r1 for CIDs 5138, 5093, 5356 and 5095. (4 CIDs total).  
         Results (Y/N/A) (3/0/2)
   8. Review submission queue and call for submissions (5min)
   9. Adjourned at 11:00 AM PDT
   10. Attendance:

|  |  |  |  |
| --- | --- | --- | --- |
| TGaz | 7/1 | Ben Amram, Haim | Retym |
| TGaz | 7/1 | Henry, Jerome | Cisco Systems, Inc. |
| TGaz | 7/1 | Kasher, Assaf | Qualcomm Incorporated |
| TGaz | 7/1 | Lindskog, Erik | SAMSUNG |
| TGaz | 7/1 | Pankert, Joseph | Joseph Pankert TRUMPF Photonic Components |
| TGaz | 7/1 | Rosdahl, Jon | Qualcomm Technologies, Inc. |
| TGaz | 7/1 | Want, Roy | Google |
| TGaz | 7/1 | Wei, Dong | NXP Semiconductors |
| TGaz | 7/1 | Wu, Tianyu | Apple, Inc. |

1. **TGaz – July 7th, 2021**
   1. Called to order by TGaz Chair, Jonathan Segev (Intel Corporation) and Vice Chair and secretary (active), Assaf Kasher (Qualcomm), at **10:00am PDT,**
   2. Agenda Doc[. **IEEE 802.11-21/0486r21**](https://mentor.ieee.org/802.11/dcn/21/11-21-0486-13-00az-tgaz-may-meeting-agenda.pptx)  **(in progress - slide 105**
   3. Review Patent Policy and logistics
      1. Chair reviewed the IEEE-SA Patent Policy, duty to inform, the guideline for IEEE WG meetings and logistics – no clarifications requested.
      2. Chair called for any potentially essential patents, no one stepped forward.
      3. Chair reminded participants to register their attendance using imat.
      4. Chair reviewed other guidelines for IEEE meetings, asked if any clarifications are requested, no one stepped forward.
      5. Chair reviewed IEEE copyright policy, – no clarification requested
      6. Chair reviewed IEEE code of ethics and WG participation as an individual professional. – no clarification requested
      7. Chair reviewed IEEE 802 ground rules
      8. Recorded Participation requirement  
         Headcount: ~11 present
   4. Agenda:
      1. Editorial CID Resolution (11-21-1061) – Jonathan Segeve to Cover
      2. Submission:
         1. 11-21-969 LB253 CRs part C (Nehru Bhandaru) (15 minutes)
         2. ~~11-21-989 CID5044 (Ali Raissinia)~~
         3. ~~11-21-1030 OCI usage in 11az (Dibakar Das)~~
         4. ~~11-21-1029 CR Misc CIDs part2 (Dibakar Das~~)
         5. 11-21-1043 LB253 Resolution to some CID set (Assaf Kasher) 40 minutes
         6. 11-21-1045 Proposed Resolutions to some 11az LB253 CIDs (Qi Wang) – (40 minutes)
         7. Group comment resolution (as time permits)
   5. Jonathan Segev discussed [11-21-1061](https://mentor.ieee.org/802.11/dcn/21/11-21-1061-00-00az-lb253-173x-editorial-2x-general-cid-resolutions.xlsx)
      1. The document has resolution to editorial CIDs
      2. Plan to motion this document on the first session of the plenary
   6. Nehru Bhandaru presentd [11-21-969](https://mentor.ieee.org/802.11/dcn/21/11-21-0969-01-00az-lb-253-crs-c.docx)
      1. Strawpoll
      2. We Agree to the resolutions contained in document 11-21-969r1 for CIDs 5093, 5095, 5181, 5187 5228, 5439 (6 CIDs total)
      3. Results (9/0/0)
   7. Assaf Kasher [11-21-1043](https://mentor.ieee.org/802.11/dcn/21/11-21-1043-01-00az-lb253-resoluiton-to-cid-set4.docx)
      1. Strawpoll
      2. We agree to the resolution contained in document 11-21-1043r1 for CIDs 5101, 5438, 5110, 5269, 5446
      3. Results: (Y/n/a) 6/0/2
   8. Qi Wang presented [11-21-1045](https://mentor.ieee.org/802.11/dcn/21/11-21-1045-01-00az-proposed-resolutions-to-some-11az-lb253-cids.docx)
      1. CID 5435, 5452, 5376: revise – needs more work on where the definition of N\_REP/LTF\_REP would be .
   9. Submission pipeline – side 108
   10. AOB
   11. Attendance:

|  |  |  |  |
| --- | --- | --- | --- |
| TGaz | 7/7 | Berger, Christian | NXP Semiconductors |
| TGaz | 7/7 | Bhandaru, Nehru | Broadcom Corporation |
| TGaz | 7/7 | Grandhe, Niranjan | NXP Semiconductors |
| TGaz | 7/7 | Kasher, Assaf | Qualcomm Incorporated |
| TGaz | 7/7 | NANDAGOPALAN, SAI SHANKAR | Infineon Technologies |
| TGaz | 7/7 | Segev, Jonathan | Intel Corporation |
| TGaz | 7/7 | Thompson, Tom | IEEE STAFF |
| TGaz | 7/7 | Wang, Chao Chun | MediaTek Inc. |
| TGaz | 7/7 | Wang, Qi | Apple, Inc. |
| TGaz | 7/7 | Wei, Dong | NXP Semiconductors |
| TGaz | 7/7 | Wu, Tianyu | Apple, Inc. |
| TGaz | 7/7 | Yee, Peter | NSA-CSD |

1. **July 8th, 2021**
   1. Called to order by TGaz Chair, Jonathan Segev (Intel Corporation) and Vice Chair and secretary (active), Assaf Kasher (Qualcomm), at **10:00am PDT,**
   2. Agenda Doc[. **IEEE 802.11-21/0486r22**](https://mentor.ieee.org/802.11/dcn/21/11-21-0486-22-00az-tgaz-may-meeting-agenda.pptx)  **(in progress - slide 105**
   3. Review Patent Policy and logistics
      1. Chair reviewed the IEEE-SA Patent Policy, duty to inform, the guideline for IEEE WG meetings and logistics – no clarifications requested.
      2. Chair called for any potentially essential patents, no one stepped forward.
      3. Chair reminded participants to register their attendance using imat.
      4. Chair reviewed other guidelines for IEEE meetings, asked if any clarifications are requested, no one stepped forward.
      5. Chair reviewed IEEE copyright policy, – no clarification requested
      6. Chair reviewed IEEE code of ethics and WG participation as an individual professional. – no clarification requested
      7. Chair reviewed IEEE 802 ground rules
      8. Recorded Participation requirement  
         Headcount: ~11 present
   4. Agenda:
      1. Discussion topics (review submissions):
         1. 11-21-1045 Proposed resolutions to some 11az LB253 CIDs (Qi Wang) – 25min (for completion)
         2. 11-21-989 CID5044 (Ali Raissinia)
         3. 11-21-1030 OCI usage in 11az (Dibakar Das)
         4. 11-21-1027 CR Misc CIDs part2 (Dibakar Das)
         5. Revist CID 5453
         6. 11-21-1070 LB253 resolution to CID set 5
         7. Group comment resolution (as time permits)
   5. Qi Wang Continued presenting 11-21-1045
      1. CID 5437: Accepted (duplicate to CID 5009)
      2. CID 5447: Revised
      3. CID 5457: - discussion on rewording the original note because the “should” verb shall not appear in a note. – needs more work
      4. CID 5444: Accepted
   6. Dibakar Das presented [11-21-1030](https://mentor.ieee.org/802.11/dcn/21/11-21-1030-01-00az-oci-usage-in-11az.docx)
      1. Title: OCI usage in 11az – making sure it is indicated as optional
      2. Strawpoll:  
         We agree to the text changes proposed by document 11-21-1030r1  
         Result (Y/N/A) (8/0/0)
   7. Strawpoll on 10-21-1045r1
      1. Strawpoll  
         We agree to the resolution contained in docuemtn -21-1045r1 for CIDs 5437, 5447, 5444 (3 CIDs total)  
         Results: (Y/N/A) (10/0/0)
   8. Dibakar Das presented 11-21-1027r1
      1. CID 5174: revised – discussion on selection option – option2
      2. CID 5195: revised
      3. CID 5196: revised
      4. CID 5229: needs more time
   9. Submissio pipeline – slide 115
   10. Schedule telecon – slide 116
   11. AOB
   12. Attendance:

|  |  |  |  |
| --- | --- | --- | --- |
| 1. TGaz | 7/8 | Berger, Christian | NXP Semiconductors |
| TGaz | 7/8 | Bhandaru, Nehru | Broadcom Corporation |
| TGaz | 7/8 | Grandhe, Niranjan | NXP Semiconductors |
| TGaz | 7/8 | Henry, Jerome | Cisco Systems, Inc. |
| TGaz | 7/8 | Lindskog, Erik | SAMSUNG |
| TGaz | 7/8 | Rosdahl, Jon | Qualcomm Technologies, Inc. |
| TGaz | 7/8 | Segev, Jonathan | Intel Corporation |
| TGaz | 7/8 | Wang, Chao Chun | MediaTek Inc. |
| TGaz | 7/8 | Wang, Qi | Apple, Inc. |
| TGaz | 7/8 | Wei, Dong | NXP Semiconductors |
| TGaz | 7/8 | Wu, Tianyu | Apple, Inc. |
| TGaz | 7/8 | Yee, Peter | NSA-CSD |