IEEE P802.11  
Wireless LANs

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| Minutes of the March 2022 IEEE 802.11 Coexistence Standing Committee meeting | | | | |
| Date: 2022-04-01 | | | | |
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Abstract

This document contains the minutes of the March 2022 IEEE 802.11 Coexistence Standing Committee meeting.

1. At 2022-03-14T21:02+01:00 the chair calls the meeting of the IEEE 802.11 Coexistence Standing Committee (SC) to order. Andrew Myles acts as chair of the SC. Guido R. Hiertz acts as recording secretary of the SC.
   1. The chair presents his contribution 11-22/278r1.
   2. At 2022-03-14T21:06+01:00 the chair asks for approval of the proposed agenda as contained on page 12 of his document.
   3. The agenda is approved by unanimous consent.
   4. The chair continues presenting his document.
2. At 2022-03-14T21:07+01:00 the chair presents the following motion:
   1. “The IEEE 802 Coex SC approves 11-22-0361-00 as the minutes of its virtual meeting in January 2022”
      1. The Chair asks for approval by unanimous consent.
      2. Nobody objects.
      3. 11-22/361r0 is approved.
3. The chair continues from page 18 of his document 11-22/278r1. At 2022-03-14T21:14+01:00 an attendee comments on slide 27:
   1. Comment: How to understand this data?
   2. Comment: Have a look at 11-20/1973.
   3. Comment: Currently, NR-U is not in my scope, however, I am involved in measurements conducted in license-exempt spectrum. If somebody would provide NR-U equipment, I could test it. We want to expand the scope of these measurements.
   4. Comment: Other than NR-U, can you let us know what you are measuring?
   5. Comment: We are measuring Wi-Fi, UWB, and radio services for licensed users (utility industry). We are starting with license-exempt to license-exempt measurements. We all suffer from way too much speculation. There is a lot more speculation than simulation results and there are even less measurement results. We want to understand the facts. We need evidence.
   6. Comment: You are making an important point that simulations are valuable but measurements are better. There is some LAA LTE equipment in the field that the University of Chicago tried to measure but had no control over.
4. At 2022-03-14T21:18+01:00 the chair continues from page 33 of his document 11-22/278r1.
5. At 2022-03-14T21:22+01:00 the chair presents submission 11-22/180r2. At 2022-03-14T21:40+01:00 attendees comment on the document.
   1. Comment: I am asking about page eight. How are IEEE 802.11n, IEEE 802.11ac, and IEEE 802.11ax referred to?
   2. Comment: By using a reference to the related PHY clauses.
   3. Comment: You are asking a rhetorical question, don’t you? You cannot seriously consider abandoning 5 GHz with Wi-Fi 7.
   4. Comment: No, I believe it’s a valid option to leave the 5 GHz band.
6. The chair continues from page 10 of his presentation. At 2022-03-14T21:43+01:00 attendees discuss page 11.
   1. Comment: Other regulatory domains do not require energy detection (ED) or set any related threshold. Why are you concerned about ED?
   2. Comment: The requirements in Europe’s Harmonized Standard will influence the global market for license-exempt products. I believe that other regulatory domains have issues. This discussion is limited to Europe. We need to find out how to operate IEEE 802.11be well within the European constraints.
   3. Comment: With respect to LBT your statement confuses the situation in and the requirements of Harmonized Standards for the 5 GHz and 6 GHz bands.
   4. Comment: You are absolutely right. There are products that take advantage of US rules.
7. At 2022-03-14T21:53+01:00 the chair presents 11-22/486r0. At 2022-03-14T22:00+01:00 attendees comment.
   1. Comment: It is weird that you intend to ask Wi-Fi Alliance about the market penetration of a different technology.
   2. Comment: Yeah, I struggled there, too. We try to get a market view. WFA might have better access to market data. You are right it does seem weird to ask WFA about a competitor.
   3. Comment: It’s quite wordy. It’s not clear what you want to get out of this. IEEE 802.11be is all about multi-link. Thus, it would be completely weird to ignore 5 GHz band. This question coming from IEEE 802.11 to WFA would be totally odd. I belive this hasn’t been discussed enough that this is the right questions to ask. What is the kind of action you want to drive here? The only thing that this will do is to raise attention. That seems to be real and only intention of what you are doing and proposing here.
   4. Comment: I believe the aspect of creating attention is extremely important. Assuming multi-link operation is important, WFA will respond that the 5 GHz band is important to Wi-Fi 7.
   5. Comment: This question is completely dumb, then.
   6. Comment: We want to get the right question. To the Wi-Fi industry, we need to convey the impression that we have a problem, here. I suggest you send out what you believe to be useful questions from IEEE 802.11 to WFA. I will ask for alternative suggestions over the reflector.
8. At 2022-03-14T22:07+01:00 the chair continues from slide 39 of 11-22/278r1. At 2022-03-14T22:17+01:00 attendees comment on page 51.
   1. Comment: It was not the level of −95 dBm/MHz that was problematic. An administration wanted lower levels. But that would not work for the industry.
   2. Comment: Yes, you summarized it much better than me.
9. At 2022-03-14T22:18+01:00 the chair continues presenting from page 52.
10. At 2022-03-14T22:25+01:00 Guido R. Hiertz presents 11-22/487r0. At 2022-03-14T22:46+01:00 Guido concludes his presentation and the chair continues to present his document 11-22/278r1 from page 61.
11. At 2022-03-14T22:55+01:00 the chair declares the meeting adjourned.