IEEE P802.11  
Wireless LANs

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| LB 205 Comment Resolution for Annex D | | | | |
| Date: 2015-01-12 | | | | |
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Abstract

This submission proposes resolutions for comments in subclause Annex D of TGah Draft 3.0 with the following CIDs:

-5005, 5415, 5472, 5473

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Commenter** | **P.L** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| 5005 | Shahrnaz Azizi | 572.24 | D3.0 | Frequency range 614-787MHz for China in the first row of Table D-3a is not correct. | It needs to be changed to 755-779 MHz. | Revised.  Editor:  Please see editing instructions for revising Table D-3a in 11-15/0122r0  . |
| 5415 | Richard Kennedy | 572.18 | D3.0 | Much of the information in Table D-3a is either incorrect, outdated, incomplete, and could mislead users to violate regulations in the regulatory domains indicated. For example, the Singapore entry fails to mention that these frequencies are only usable for specific functions, such as Radio telemtry, telecommand and RFID. In this case, these bands are not approved for general short range devices. | Table D-3a must either be corrected, or only specify the appropriate regulatory documents or links to the appropriate regulatory authorities. | Rejected-  The commentor should point out specifically where is not correct.  The Annex D can not contain all the details of each document, especially each document are written in different languages and continues uodated. |
| 5472 | Peter Ecclesine | 571.14 | D3.0 | Australia and New Zealand regulations are not listed in Table D-1, but are refered to in Table E-4a. | List relevant Australia and New Zealand regulations in Table D-1 | Revise –  Editor:  Please revise Table D-1 according to the editing instructions specified in 11-15/0122r0. |
| 5473 | Peter Ecclesine | 571.14 | D3.0 | The D.1 editing instructions should change the table as shown, which includes insertions on four lines as well as inserting new rows. | Change editing instruction to "Change Table D-1as follows: | Accepted –  Editor:  Please revise Table D-1 according to the editing instructions specified in 11-15/0122r0. |

**Discussion:**

***Instruction to TGah technical editor for Resolution of CID 5005, 5472, 5473:***

**Please replace entire Annex D with the revised text below:**



Regulatory references

* External regulatory references

Change Table D-1 as follows:

|  |  |  |  |
| --- | --- | --- | --- |
| * Regulatory requirement list | | | |
| Geographic area | Approval standards | Documents | Approval authority |
| Australia | Federal Register of Legislative Instruments | Radiocommunications (Low Interference  Potential Devices) Class Licence 2000, Sections 132 and 135 | FRLI |
| Canada | Minister of Industry | RSS-210 — Licence-exempt Radio Apparatus (All Frequency Bands): Category I Equipment | Industry  Canada |
| China | Ministry of Industry and Information Technology (MIIT) | Xin Bu Wu [2002] #353, Xin Bu Wu [2002] #277,  Gong Xin Bu Wu Han [2012] #620, MIIT Wireless [2005] 423 | MIIT |
| Europe | European Conference of Postal and Telecommunications (CEPT) -Administrations and its Electronic Communications Committee (ECC). Also, European Radiocommunications Office, European Telecommunications -Standards Institute (ETSI) | ECC DEC (04) 08,  ETSI EN 300 328 [B13],  ETSI EN 301 893, ETSI ES 202 663 [B15], ETSI EN 302 571 [B14], Clause 5, ERC Recommendation 70-03 | CEPT |
| Japan | Ministry of Internal Affairs and Communications (MIC) | MIC Equipment -Ordinance (EO) for Regulating Radio Equipment Articles 7, 49.20, 49.21[[1]](#footnote-1), 49.14, 54.5 | MIC |
| New Zealand | Radio Spectrum Management | Section 111 of Radiocommunications Act 1989, Regulation 9 of Radiocommunications Regulations  2001 | Ministry of Economic Development |
| United States | Federal Communications -Commission (FCC) | 47 CFR [B9], Part 15, Sections 15.205, 15.209, and 15.247; and Subpart E, Sections 15.401–15.407,  Section 90.210,  Sections 90.371–383,  Sections 90.1201–90.1217, Sections 90.1301–90.1337,  Section 95.639,  Sections 95.1501–1511 | FCC |
| Singapore | Infocomm Development Authority of Singapore | IDA TS SRD 2011  Technical Specification for Short Range Devices | IDA |
| South Korea | Ministry of Science, ICT and Future Planning / Radio Research Agency (MSIP RRA ) Public Regulations Announcement | Doc. No. 2012-101 "Wireless Facilities" | MSIP RRA |

* Radio performance specifications
* Transmit power levels

***Insert the following Table D-3a at the end of the subclause D2.2***(#14/0388r1)***:***

|  |  |  |  |
| --- | --- | --- | --- |
| * Maximum STA transmit power and maximum BW allowed | | | |
| Geographic  area | Frequency  (MHz) | MAX BW Allowed (MHz) | Maximum STA transmit power e.r.p(mW) |
| Australia | 915-928 | 8 | Note 1 |
| China | 755-779 | 1 | 5 |
| 779-787 | Not defined | 10 |
| Europe | 863 -868.6 | Not defined | 25.12 |
| Japan | 915.9-929.7 | 1 | Note 2 |
| 920.5-923.5 | Note 3(#4122) |
| New Zealand | 915-928 | 8 | Note 4 |
| Singapore | 866 - 869, 920 - 925 | Not defined | 500 |
| South Korea | 917 - 923.5 | Not defined | 3, 10 |
| United States | 902 - 928 | Not defined | 1000 |

NOTE 1 - Max e.i.r.p. <= 30dBm and PSD <= 25mW/3kHz

NOTE 2—1 or 20 mW transmitter output power plus up to 3 dBi antenna gain (maximum power is 1 or 20 mW + 3 dBi)

NOTE 3—250 mW transmitter output power plus up to 3 dBi antenna gain (maximum power is 250 mW + 3 dBi)

NOTE 4 - Max e.i.r.p. <= 5dBm (915-928 MHz) for general sensor-type devices and Max e.i.r.p. <= 36dBm (921.5-928 MHz) for digital modulation transmitters (#4122, Ed)

1. Frequency planning for licensed STAs in Japan is performed by the regulatory authority and the licensees, addressing the coexistence among STAs operating with a variety of air propagation times and the coexistence between STAs using 20 MHz channel spacing, STAs operating with 10 MHz channel spacing, and STAs operating with 5 MHz channel spacing. Note also the CCA mechanism is preserved in licensed operation. [↑](#footnote-ref-1)