**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) |
| Title | **15.7r1 Coexistence Assurance Document (CAD)** |
| Date Submitted | November 2017 |
| Source | Soo Young Chang (CSUS), Jaesang Cha (SNUST), Vinayagam Mariappan (SNUST) | Voice: [ ]Fax: [ ]E-mail: [chajs@seoultech.ac.kr] |
| Re: | Task Group 15.7r1 Coexistence Assurance Document (CAD) to satisfy PAR and CSD |
| Abstract | To evaluate coexistence issues related to other existing 802 systems |
| Purpose | Work Group Motion Preparation for Letter Ballot  |
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# 15.7r1 Coexistence Assurance Document (CAD)

This document investigates the coexistence impacts of the proposed 802.15.7r1 operation with respect to other 802 devices by evaluating two types of performance analyses – one is the impact to 802.15.7r1 by other 802 systems and the other is the impact to other 802 systems by 802.15.7r1.

At this time, there is no approved standards for operation in the optical light wavelength band from 10,000nm to 190 nm.

Therefore, other 802 systems can be operated without performance degradation in the presence of interference from an 802.15.7r1 system as 802.15.7 can also achieve the same performance when other 802 systems are operated in any radio frequency bands.