

Project: IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs)

Submission Title: Classification of low-rate communications

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Abstract: Classification of low-rate communications

Purpose: Support drafting the standard document

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Tx-based Classification

- A) Low-rate communications for image sensors and photodiodes
 - IV. Discrete light source communications
 1. UFSOOK (Intel, 16/0006r1)
 2. Twinkle VPPM (Intel, 16/0006r1)
 3. Spatial M-PSK (Kookmin U., 16/0015r1)
 4. Offset VPPM (SNUST, 16/0026r2)
 - V. Diffused surface light source communications
 1. CM-FSK/PSK (Kookmin U., 16/0014r1)
 2. Compatible On-Off Keying (Kookmin U., 16/0013r2)
 3. Surface PWM/PPM (Panasonic, 16/0027r1)
 4. RS-FSK (NTU, 16/0018r0)
 - VI. Display communications
 1. Compatible Color Shift Keying (Kookmin U., 16/0012r1)
 2. VCAM (SNUST, 16/0024r3)
 3. Steganographic solution (SNUST, 16/0025r1)
- B) High-rate communications
 - VII. ...
 - VIII. ...