**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | |
| Title | **Rx Classification – table I.2** | |
| Date Submitted | September 2017 | |
| Source | Trang Nguyen, Yeong Min Jang (Kookmin University) |  |
| Re: | D4 comment resolution | |
| Abstract | Revise a classification table of Rx as normative Annex | |
| Purpose | D4 comment and resolution | |
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# Annex I.2

(Normative)

Table I.2 – Classification of Rx applicable for different PHY modes

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | | Photodiode | | Image sensor | | |
| Monochrome | Color | Global shutter | Rolling shutter | High-speed / ROI |
| PHY I | |  |  |  |  |  |
| PHY II | |  |  |  |  |  |
| PHY III | |  |  |  |  |  |
| PHY IV | UFSOOK | x |  | x | x | x |
| Twinkle VPPM | x |  |  | x | x |
| S2-PSK |  |  | J.1 | J.1 | x |
| HS-PSK | x |  | J.3 |  | x |
| Offset-VPWM | x |  |  |  | x |
| PHY V | RS-FSK | x |  |  | x | x |
| CM-FSK | x |  |  | x | x |
| C-OOK | x |  |  | J.5 | x |
| MPM | x |  |  | x | x |
| PHY VI | A-QL |  |  | J.6 | J.6 |  |
| VTASC |  |  | x | x |  |
| HA-QL |  |  | J.7 | J.7 |  |
| IDE |  |  | x | x |  |
| PHY VII |  |  |  |  |  |  |
|  |  |  |  |  |  |