**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 | Jaesang Cha (SNUST), Soo-Young Chang (CSUS), Vinayagam Mariappan (SNUST) |  |
| 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 | | | | |
| Global shutter | | Rolling shutter | | High-speed / ROI |
| PHY I | | x |  |  | |  | |
| PHY II | | x |  |  | |  | |
| PHY III | | x |  |  | |  | |
| PHY IV | UFSOOK | x | x | x | | x | |
| Twinkle VPPM | x |  | x | | x | |
| S2-PSK | x | J.1 | J.1 | | x | |
| HS-PSK | x | J.3 |  | | x | |
| Offset-VPWM | x | J.8 | J.8 | | x | |
| PHY V | NS-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 |  | J.9 | J.9 | |  | |
| HA-QL |  | J.7 | J.7 | |  | |
| IDE |  | J.10 | J.10 | |  | |
| SS2DC |  | J.11 | J.11 | |  | |