

P_{Class} and P_{Class-2P} Tables v100

Replace Table 33–13 and 33–14 by the following Table:

Table 33–13 — Physical Layer power classifications

PD requested Class	Number of PSE class events	Assigned Class	P _{Class}	P _{Class-2P}
Type 1 and Type 2 PSEs				
0	1	0	15.4 W	—
1	1	1	4.00 W	—
2	1	2	7.00 W	—
3	1	3	15.4 W	—
4	1	3	15.4 W	—
4	2	4	30.0 W	—
Type 3 and Type 4 PSEs connected to a single-signature PD				
0	1	3	15.4 W	—
1	1	1	4.00 W	—
2	1	2	7.00 W	—
3 to 8	1	3	15.4 W	—
4 to 8	2 or 3	4	30.0 W	—
5	4	5	45.0 W	—
6 to 8	4	6	60.0 W	—
7	5	7	75.0 W	—
8	5	8	90.0 W	—
Type 3 and Type 4 PSEs connected to a dual-signature PD (classification per pairset)				
1	1, 2, 3	1	—	4.00 W
2	1, 2, 3	2	—	7.00 W
3	1, 2, 3	3	—	15.4 W
4 or 5	1	3	—	15.4 W
4 or 5	2 or 3	4	—	30.0 W
5	4	5	—	45.0 W
<p>NOTE 1—P_{Class} is the minimum required power at the PSE PI calculated using minimum V_{Port,PSE-2P} and maximum R_{Chan}. Use Equation (33–2) for other values of V_{Port,PSE-2P} and R_{Chan}. For maximum power available to PDs, see Table 33–27.</p> <p>NOTE 2—P_{Class-2P} is the minimum required power for a pairset calculated using minimum V_{Port,PSE-2P} and maximum R_{Chan-2P}. Use Equation (33–3) for other values of V_{Port,PSE-2P} and R_{Chan}. For maximum power available to PDs, see Table 33–28.</p> <p>NOTE 3—The number of PSE class events refers to the number of class events since the most recent PD reset.</p>				