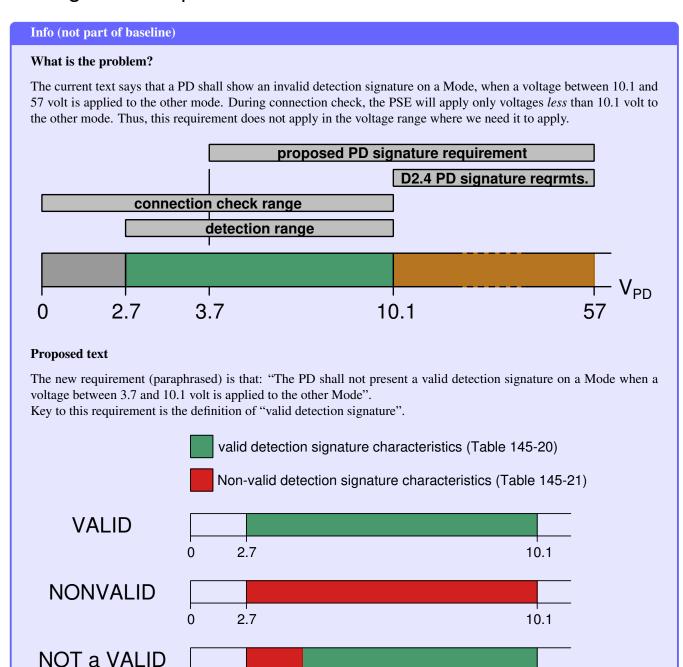
PD Signature requirements v200



When 3.7 volt is applied as the corrupting voltage, the PD is assured to have an non-valid detection signature at least in the range of 2.7 to 3.7 volt. Because it no longer meets the requirements for a valid detection signature, it now meets "shall not present a valid detection signature".

10.1

3.7

2.7

This text does **NOT** require a PD to show a non-valid detection signature over the entire range, regardless of the voltage on the corruptor Mode. It is only required to fail at least over part of the range (a popular choice will be the voltage range below the corruptor voltage).

Modify 145.3.5 as follows:

145.3.5 PD signature configurations

A single-signature PD shall present a valid detection signature, as defined in Table 145–20, on a given Mode when no voltage or current is applied to the other Mode, and shall not present an invalid detection signature on that Mode when any voltage between 3.7 10.1 V and 57 V is applied to the other Mode. These requirements apply to both Mode A and Mode B.

NOTE—A detection signature is only considered valid when it meets Table 145–20 over the entire PD detection voltage range of 2.7 V to 10.1 V.

A dual-signature PD shall present a valid detection signature, as defined in Table 145–20, on a given Mode, regardless of any voltage between 0 V and 57 V applied to the other Mode. This requirement applies to both Mode A and Mode B.