Updated Comment and Remedy for #210 Clause 33.6.3.4, Page 184 line 9. (See Table 1 below for details)

Related to comments:

#296

#312

#239

 Figure 33-50 is about DLL PD power control state diagram and can be used for Type 1, Type 2 PDs and Type 3 and 4 single-signature PDs if some modofocations will be implemented.

1. pse_dll_power_type is used by Figure 33-2 and Figure 33-50 but is missing from Figure 33-2 variable list (33.3.3.7) and from Figure 33-50 variable list (33.6.3.3).
2. pse_power_type is used by Figure 33-50 but is missing from Figure 33-50 variable list.
3. pse_dll_power_level is not used in Figure 33-2 and Figure 33-50. Delete pse_dll_powr_level from 33.3.3.7 (PD single-sgnature Type 3/4 variable list) and in 33.6.3.3 (DLL state machine variable list) pages 127 and 181.
4. pse_power_level is not used in Figure 33-50 or Figure 33-49 but apears in 33.6.3.3.
5. Variable pd_dll_power_type is not used in PSE state diagrams but it appears in 33.2.5.9 (page 69).

Proposed Remedy:

1. Copy pse_dll_power_type definiton from 33.3.3.3 into 33.3.3.7 and 33.6.3.3 and modify it to include Type 3 and 4 PSEs as follows:

    pse_dll_power_type

A control variable output by the PD power control state diagram (Figure 33-50) that indicates the PSE type as 1 or 2, see 79.3.2.4.1.

    Values:

        1: The PSE is a Type 1 PSE, for a Type-1 PSE (Default).
        2: The PSE is a Type 2 PSE, for a Type 2, 3 and, 4 PSE

2. Copy pse_power_type variable from 33.3.3.3 into 33.6.3.3 and add to it PSE type 3 and 4 as follows:

    pse_power_type

    A control variable that indicates to the PD the type of PSE by which it is being powered.

    Values:

        1: The PSE is a Type 1 PSE.
        2: The PSE is a Type 2 PSE or Type 3 PSE or Type 4 PSE.

3. Delete pse_dll_powr_level from 33.3.3.7 (PD single-sgnature Type 3 and 4 variable list) and in 33.6.3.3 (DLL state machine variable list) pages 127 and 181.
4. Remove pse_power_level from 33.6.3.3 .
5. Delete Variable pd_dll_power_type from 33.2.5.9 (page 69).

6. If group belives that Table 33-40 need to be updated for pd_dll_power_type for Type 3 and 4 then add the following : "Editor Note: Table 33-40 need to be updated for pd_dll_power_type for Type 3 and 4 for pse_dll_power_type for Type 3 and 4.

Prposed Remedy ends here.

See below details in Table 1.

Table 1 : D2.0 variable list and where it used.

| # | See Proposed Remedy item # | Varible Name | Generate by | Variable location at | | | | | | | |
| | | | | PD TYPE | | | | PSE TYPE | | | |
				Type 1/2 variable list/SM (33.3.3.3)	Type 3/4 variable list / SM (33.3.3.7)	Figure 33-50	Figure 33-50 variable list (33.6.3.3)	Type 1/2 variable list/SM (33.2.5.4)	Type 3/4 variable list/SM (33.2.5.9)	Figure 33-49	Figure 33-49 variable list (33.6.3.3)
1	No changes are required	pd_dll_power_type	PSE DLL SM (Figure 33-49)	NO/NO	NO/NO	YES	YES	YES/YES	YES[5]/NO	YES	YES
2	1	pse_dll_power_type	PD DLL SM	YES/YES	NO[1]/ YES	YES	NO[1]	NO/NO	NO/NO	NO	NO
3	2	pse_power_type	PD SM	YES/YES	NO/NO	YES	NO[2]	NO/NO	NO/NO	NO	NO
4	3	pse_dll_power_level	PD DLL SM	NO/NO	YES[3]/NO	NO	YES[3]	NO/NO	NO/NO	NO	NO
5	4	pse_power_level	PD DLL SM	NO/NO	YES/YES	NO	YES[4]	NO/NO	NO/NO	NO	NO