

# PDA-600 TEST REPORT

7/23/2018 9:41:34

Product Tested: UNDEFINED  
Cycles: 1

Coverage: **ALT A** **MDI** **Type-1**  
ALT B MDI-X Type-2 PHY  
**Color Key:** Type-2 LLDP  
PASS **FAIL** WARN INFO

Software Version: 1.10  
PDA Firmware: 1.05  
Report Ver: 1.6  
Serial Number 602A0022



## Detection & Classification

PSE Emulation: Pairs: **A** Polarity: **MDI** Det\_Cycles: **3**

Parameter	Cycle:	1	Units	Min.	Max.	Average	Low Lim.	High Lim.	P/F
Rdet		25.47	kohm	25.47	25.47	25.47	23.70	26.30	P
Rdet_final		25.50	kohm	25.50	25.50	25.50	23.70	26.30	P
Rdet_unpwr		>99.00	kohm	99.00	99.00	99.00	<12.00	>45.00	P
Cdet		0.07	uF	0.07	0.07	0.07	0.05	0.12	P
Cdet_final		0.07	uF	0.07	0.07	0.07	0.05	0.12	P
1 Event Classification									
Iclass		10.3	mA	10.3	10.3	10.3	9.0	12.0	P
ClassNum		1		1	1	-	0	4	P
Tclass		0.0005	sec	0.0005	0.0005	0.0005	0.0005	0.0050	P
ClassStability		1					1	1	P
2 Event Classification									
Iclass_event1		10.3	mA	10.3	10.3	10.3	9.0	12.0	P
Iclass_event2		10.3	mA	10.3	10.3	10.3	9.0	12.0	P
MarkI		0.22	mA	0.22	0.22	0.22	0.25	4.00	INFO
ClassNum2		1		1	1	-	0	4	P
Tclass_event1		0.0005	sec	0.0005	0.0005	0.0005	0.0005	0.0050	P
Tclass_event2		0.0005	sec	0.0005	0.0005	0.0005	0.0005	0.0050	P
ClassStability_event1		1					1	1	P
ClassStability_event2		1					1	1	P

## Power-Up / Down

Parameter	Cycle:	1	Units	Min.	Max.	Average	Low Lim.	High Lim.	P/F
InrushI_1		590.7	mA	590.7	590.7	590.7	0.0	400.0	WARN
InrushI_2		-1.0	mA	-1.0	-1.0	-1.0	0.0	400.0	NA
Pmax_Tdelay		-1.0	W	-1.0	-1.0	-1.0	0.0	0.0	NA
Inrush_delayed		1		1	1	-	0	0	WARN
Von		40.2	VDC	40.2	40.2	40.2	30.0	42.0	P
Voff		33.0	VDC	33.0	33.0	33.0	30.0	37.0	P
Vhyst		7.2	VDC	7.2	7.2	7.2	3.5	12.0	P
BackfeedV		0.0	VDC	0.0	0.0	0.0	0.0	2.8	P
ClassRecover		0		0	0	-	0	0	P
SigRecoverTime		0.0	sec	0.0	0.0	0.0	0.0	30.0	P

## MDI Powered Type-1

PSE Emulation: On Time: **10 sec** Off Time: **10 sec** Vport: **48.0**

Parameter	Cycle:	1	Units	Min.	Max.	Average	Low Lim.	High Lim.	P/F
MinI_1		36.8	mA	36.8	36.8	36.8	0.0	104.2	P
MaxI_1		49.0	mA	49.0	49.0	49.0	10.0	104.2	P

Vport_1	48.0	VDC	48.0	48.0	48.0	37.0	57.0	INFO	
Ppeak_1	2.35	W	2.35	2.35	2.35	0.0	5.0	P	
Pavg_1	2.10	W	2.10	2.10	2.10	0.0	3.8	P	
MPSViolation_1	0		0	0	-	0	0	P	
TcutWindowViolation_1	0		0	0	-	0	0	P	
DutyCycleViolation_1	0		0	0	-	0	0	P	
<b>MDI Powered Type-2 PHY</b>		<i>PSE Emulation:</i>	On Time:	<b>10 sec</b>	Off Time:	<b>10 sec</b>	Vport:	<b>-1.0</b>	
Parameter	Cycle:	<b>1</b>	Units	Min.	Max.	Average	Low Lim.	High Lim.	P/F
<b>MDI Powered Type-2 LLDP</b>		<i>PSE Emulation:</i>	On Time:	<b>-1 sec</b>	Off Time:	<b>10 sec</b>	Vport:	<b>-1.0</b>	
Parameter	Cycle:	<b>1</b>	Units	Min.	Max.	Average	Low Lim.	High Lim.	P/F