

Identification

Part Number: SPCM-EDU CD3375H

Module Serial Number: 22330

Performance Data

Parameters	Minimum	Measured	Maximum	Units
Dark Count	---	278	4000	Hz
Maximum Light Count	10	28.7	---	MHz
Dead Time (@ < 1 Mc/s)	---	29.6	65	ns
Pulse Width	---	17.7	---	ns
Connectorized PD @ 550nm	45	57	---	%
Correction factor: (See attached curve)				
- @ 5 Mc/s	---	1.30	1.67	---
- @ 10 Mc/s	---	1.77	---	---
Total After-pulse: 100ns to 500ns	---	2.00	4	%

Gating Information

Parameters	Minimum	Typical	Maximum	Units
Gate Turn On/Off (50 ohm input)				
Disable = TTL Low	---	26	32	ns
Enable = TTL High	---	52	61	ns
Gate Thrshold Voltage (@ Vsupply = 5V)				
Low Level (Sink Current > 90 mA)	0	---	0.8	V
High Level (Sink Current < 30 mA)	2	---	5.25	V

Tested by:

L.Demers

Date:

26-Oct-2011

Inspected by:

Date:

28 OCT 2011

SPCM LINEARITY REPORT

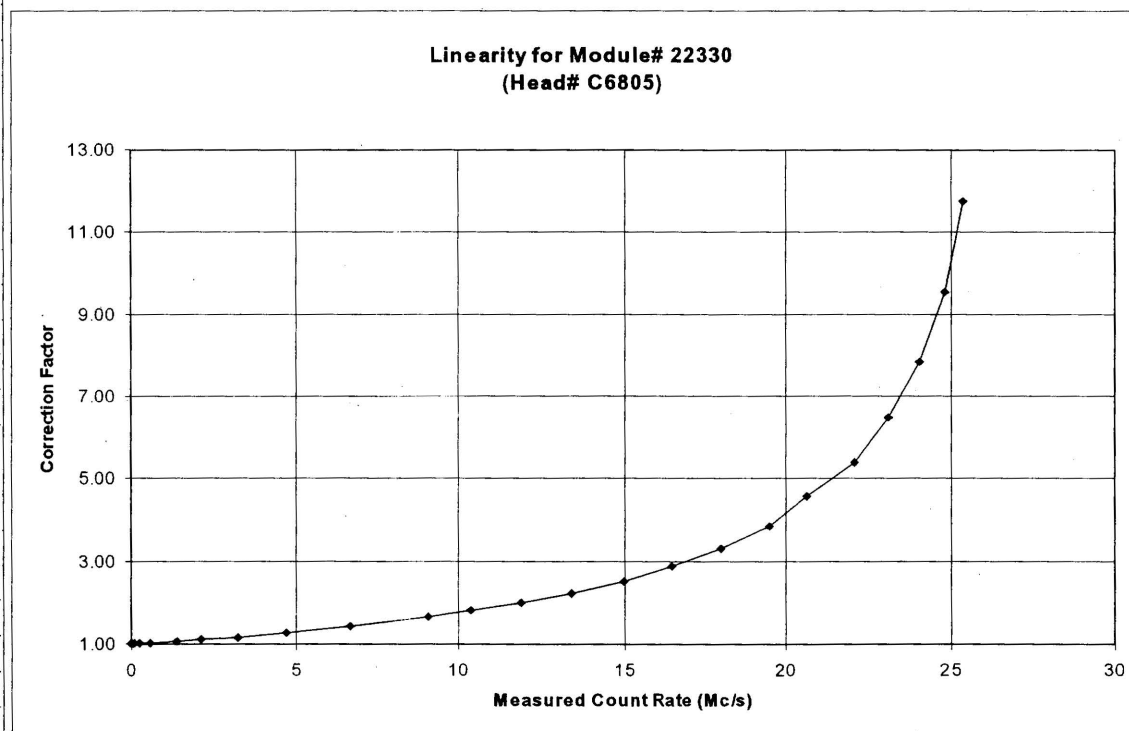
Count Rate (Kc/s)	Correction Factor
6.0	1.00
14.8	1.01
37.6	1.00
93.2	1.01
233.6	1.01
584.8	1.02
1396.2	1.07
2131.2	1.11
3234.0	1.16
4678.8	1.27
6610.7	1.43
9040.4	1.65
10366.9	1.82
11886.1	1.99
13407.8	2.23
14971.7	2.51
16490.1	2.87
18001.9	3.31
19480.4	3.85
20664.2	4.57
22077.4	5.38
23109.0	6.47
24053.9	7.83
24832.9	9.55
25369.5	11.76

Module No: 22330

Date Measured: 24-Oct-11

Correction Factor @ 5 Mc/s: 1.30

Correction Factor @ 10 Mc/s: 1.77



Monday, October 24, 2011

Identification

Part Number: SPCM-EDU CD3375H

Module Serial Number: 22316

Performance Data

Parameters	Minimum	Measured	Maximum	Units
Dark Count	---	284	4000	Hz
Maximum Light Count	10	26.6	---	MHz
Dead Time (@ < 1 Mc/s)	---	28.8	65	ns
Pulse Width	---	16	---	ns
Connectorized PD @ 550nm	45	52	---	%
Correction factor: (See attached curve)	- @ 5 Mc/s - @ 10 Mc/s	1.32 1.86	1.67 ---	---
Total After-pulse: 100ns to 500ns	---	0.50	4	%

Gating Information

Parameters	Minimum	Typical	Maximum	Units
Gate Turn On/Off (50 ohm input)				
Disable = TTL Low	---	26	32	ns
Enable = TTL High	---	52	61	ns
Gate Threshold Voltage (@ Vsupply = 5V)				
Low Level (Sink Current > 90 mA)	0	---	0.8	V
High Level (Sink Current < 30 mA)	2	---	5.25	V

Tested by:

L.Demers

Date:

26-Oct-2011

Inspected by:

Date:

26 OCT 2011

SPCM LINEARITY REPORT

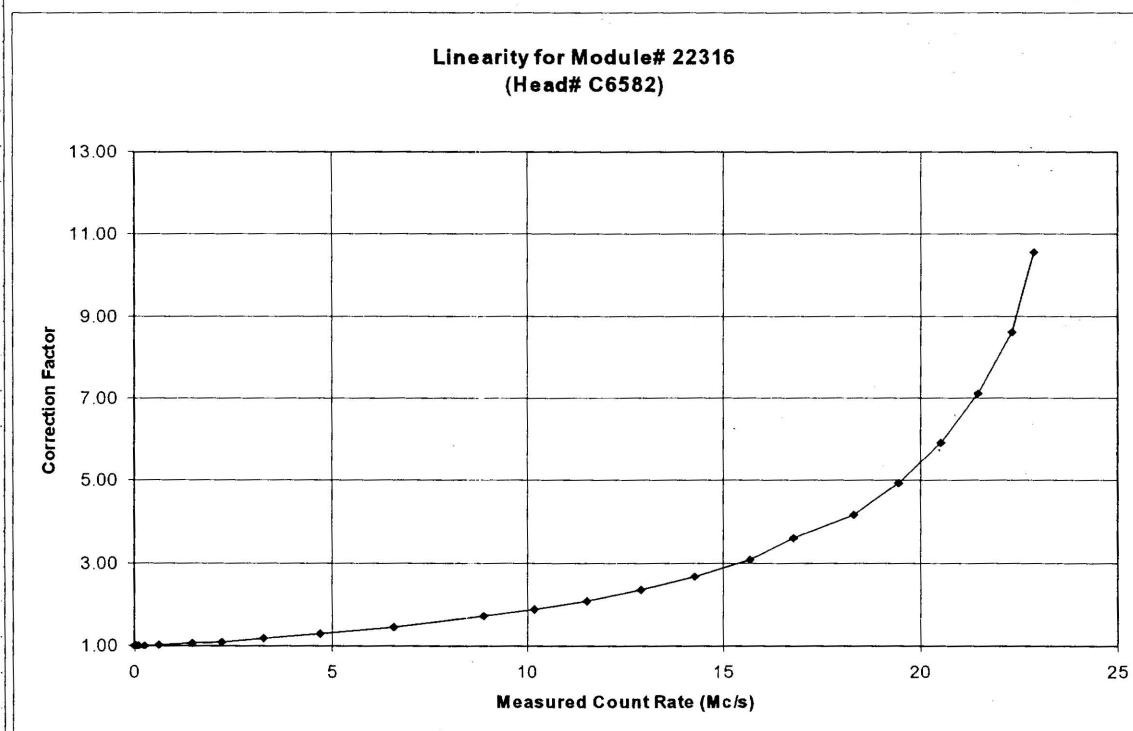
Count Rate (Kc/s)	Correction Factor
6.1	1.00
15.1	1.01
38.1	1.01
97.0	0.99
243.8	0.99
598.4	1.01
1441.9	1.06
2201.6	1.10
3262.8	1.17
4692.0	1.29
6569.5	1.46
8877.5	1.72
10171.9	1.89
11524.2	2.10
12894.7	2.36
14275.5	2.68
15678.6	3.07
16806.8	3.61
18312.7	4.17
19446.5	4.94
20501.4	5.90
21451.9	7.10
22304.8	8.60
22870.8	10.56

Module No: 22316

Date Measured: 21-Oct-11

Correction Factor @ 5 Mc/s: 1.32

Correction Factor @ 10 Mc/s: 1.86



Friday, October 21, 2011

Identification	Part Number: SPCM-EDU CD3375H
	Module Serial Number: 22332

Performance Data				
Parameters	Minimum	Measured	Maximum	Units
Dark Count	---	279	4000	Hz
Maximum Light Count	10	29	---	MHz
Dead Time (@ < 1 Mc/s)	---	28.3	65	ns
Pulse Width	---	16	---	ns
Connectorized PD @ 550nm	45	57	---	%
Correction factor: (See attached curve)	- @ 5 Mc/s	1.29	1.67	---
	- @ 10 Mc/s	1.77	---	---
Total After-pulse: 100ns to 500ns	---	1.60	4	%

Gating Information				
Parameters	Minimum	Typical	Maximum	Units
Gate Turn On/Off (50 ohm input)				
Disable = TTL Low	---	26	32	ns
Enable = TTL High	---	52	61	ns
Gate Threshold Voltage (@ Vsupply = 5V)				
Low Level (Sink Current > 90 mA)	0	---	0.8	V
High Level (Sink Current < 30 mA)	2	---	5.25	V

Tested by: L.Demers

Date: 26-Oct-2011

Inspected by:

Date: 26 OCT. 2011

SPCM LINEARITY REPORT

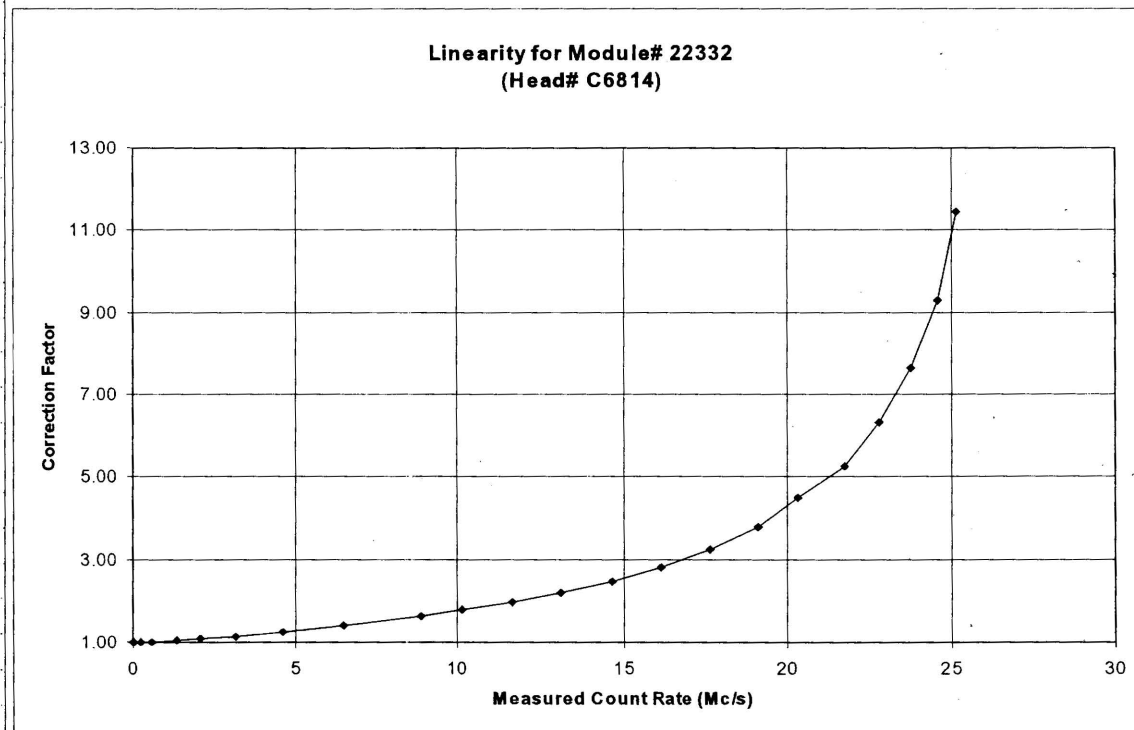
Count Rate (Kc/s)	Correction Factor
5.7	1.00
14.5	1.00
36.5	0.99
92.3	0.99
229.1	1.00
576.0	1.00
1366.2	1.06
2095.5	1.09
3165.6	1.14
4588.3	1.25
6455.3	1.41
8835.3	1.63
10149.1	1.79
11631.0	1.96
13104.4	2.19
14662.0	2.47
16149.8	2.82
17651.1	3.25
19132.9	3.78
20313.9	4.48
21741.9	5.27
22800.4	6.32
23761.5	7.64
24568.3	9.30
25149.3	11.43

Module No: 22332

Date Measured: 24-Oct-11

Correction Factor @ 5 Mc/s: 1.29

Correction Factor @ 10 Mc/s: 1.77



Monday, October 24, 2011

Identification

Part Number: SPCM-EDU CD3375H

Module Serial Number: 21368

Performance Data

Parameters	Minimum	Measured	Maximum	Units
Dark Count	---	271	4000	Hz
Maximum Light Count	10	27.5	---	MHz
Dead Time (@ < 1 Mc/s)	---	27.8	65	ns
Pulse Width	---	16	---	ns
Connectorized PD @ 550nm	45	75.6	---	%
Correction factor: (See attached curve)				
- @ 5 Mc/s	---	1.33	1.67	---
- @ 10 Mc/s	---	1.87	---	---
Total After-pulse: 100ns to 500ns	---	1.50	4	%

Gating Information

Parameters	Minimum	Typical	Maximum	Units
Gate Turn On/Off (50 ohm input)				
Disable = TTL Low	---	26	32	ns
Enable = TTL High	---	52	61	ns
Gate Thrshold Voltage (@ Vsupply = 5V)				
Low Level (Sink Current > 90 mA)	0	---	0.8	V
High Level (Sink Current < 30 mA)	2	---	5.25	V

Tested by:

L.Demers

Date:

31-May-2011

Inspected by:

QC-33
ACC

Date:

31 MAI 2011

SPCM LINEARITY REPORT

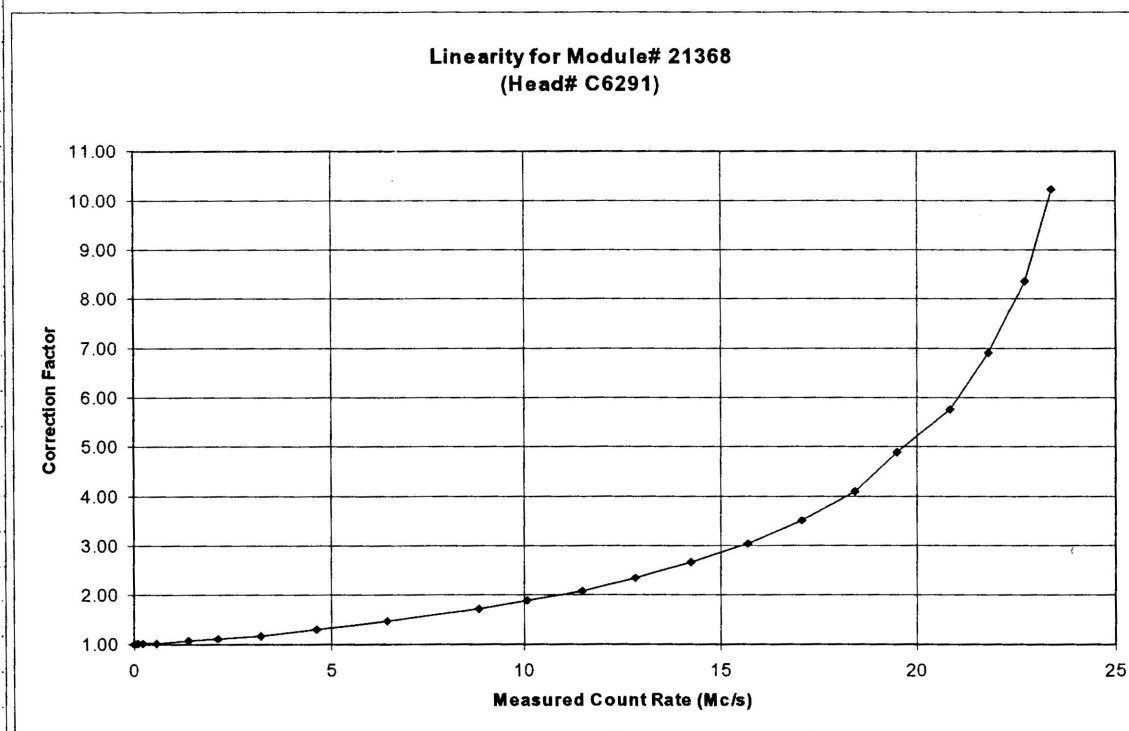
Count Rate (Kc/s)	Correction Factor
6.0	1.00
15.3	0.99
38.0	1.00
93.6	1.02
236.3	1.01
592.9	1.01
1405.2	1.07
2138.7	1.12
3215.9	1.18
4641.8	1.29
6474.0	1.47
8820.2	1.71
10070.3	1.88
11461.1	2.08
12816.4	2.35
14251.1	2.66
15691.3	3.04
17068.5	3.52
18434.6	4.10
19485.1	4.88
20835.0	5.75
21803.6	6.91
22710.3	8.36
23364.2	10.23

Module No: 21368

Correction Factor @ 5 Mc/s: 1.33

Date Measured: 27-Apr-2011

Correction Factor @ 10 Mc/s: 1.87



Tuesday, May 31, 2011