

1 kV, Laser 10

Current **Pulse peak** **Pulse**
μA **mV** **shape**

Row 6

10

-6, 6	1127	1487	Ok
-5, 6	1133	1524	Ok
-4, 6	1129	1531	Ok
-3, 6	1131	1515	Ok
-2, 6	1128	1505	Ok
-1, 6	1128	1513	Ok
1, 6	1128	1485	Ok
2, 6	1128	1514	Ok
3, 6			
4, 6			
5, 6	1129	1492	Ok
6, 6	1131	1496	Ok

Row -1

9

-6, -1	1129	1503	Ok
-5, -1	1127	1512	Ok
-4, -1			
-3, -1	1123	1485	Ok
-2, -1	1127	1469	Ok
2, -1	1127	1465	Ok
3, -1	1125	1512	Ok
4, -1	1125	1523	Ok
5, -1	1130	1515	Ok
6, -1	1129	1512	Ok

Row -4

11

-6, -4	1127	1518	Ok
-5, -4	1128	1495	Ok
-4, -4	1129	1520	Ok
-3, -4	1128	1503	Ok
-2, -4	1128	1518	Ok
-1, -4	1127	1507	Ok
1, -4	920	Bad	
2, -4	1128	1517	Ok
3, -4	1129	1510	Ok
4, -4	1128	1514	Ok
5, -4	1128	1514	Ok
6, -4	1128	1498	Ok

Row -5

12

-6, -5	1128	1583	Ok
-5, -5	1129	1557	Ok
-4, -5	1128	1538	Ok
-3, -5	1128	1542	Ok
-2, -5	1128	1560	Ok
-1, -5	1128	1563	Ok
1, -5	1126	1566	Ok
2, -5	1129	1595	Ok
3, -5	1129	1563	Ok
4, -5	1127	1584	Ok
5, -5	1129	1581	Ok
6, -5	1126	1536	Ok

Row -6

12

-6, -6	1128	1614	Ok
-5, -6	1127	1573	Ok
-4, -6	1126	1599	Ok
-3, -6	1128	1575	Ok
-2, -6	1130	1598	Ok
-1, -6	1128	1589	Ok
1, -6	1127	1603	Ok
2, -6	1127	1598	Ok
3, -6	1128	1600	Ok
4, -6	1127	1600	Ok
5, -6	1128	1597	Ok
6, -6	1129	1578	Ok

Row -3

12

-6, -3	1130	1587	Ok
-5, -3	1127	1587	Ok
-4, -3	1128	1597	Ok
-3, -3	1126	1575	Ok
-2, -3	1127	1605	Ok
-1, -3	1129	1634	Ok
1, -3	1125	1609	Ok
2, -3	1127	1579	Ok
3, -3	1126	1603	Ok
4, -3	1128	1584	Ok
5, -3	1127	1585	Ok
6, -3	1129	1593	Ok

Row 1 (new meas)

8

-6, 1	1127	1541	Ok
-5, 1	1128	1578	Ok
-4, 1			
-3, 1	1127	1589	Ok
-2, 1	1128	1546	Ok
-1, 1			
1, 1			
2, 1	1127	1546	Ok
3, 1	1127	1597	Ok
4, 1			
5, 1	1130	1557	Ok
6, 1	1128	1543	Ok

Row -2

12

-6, -2	1128	1587	Ok
-5, -2	1129	1610	Ok
-4, -2	1128	1621	Ok
-3, -2	1126	1607	Ok
-2, -2	1129	1598	Ok
-1, -2	1126	1564	Ok
1, -2	1129	1577	Ok
2, -2	1127	1584	Ok
3, -2	1124	1620	Ok
4, -2	1128	1626	Ok
5, -2	1129	1618	Ok
6, -2	1129	1600	Ok

Row 2 (new meas)

9

-6, 2	1128	1580	Ok
-5, 2	1127	1601	Ok
-4, 2			
-3, 2	1127	1564	Ok
-2, 2	1129	1577	Ok
-1, 2	1128	1581	Ok
1, 2	1128	1573	Ok
2, 2	1128	1571	Ok
3, 2	1128	1574	Ok
4, 2			
5, 2	1126	1557	Ok
6, 2	bad		

Row 3 (new meas)

-6, 3	1130	1570	Ok
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7

-5, 3	1129	1603	Ok
-4, 3	1129	1606	Ok
-3, 3			
-2, 3	1126	1623	Ok
-1, 3	1128		Ok
1, 3	1125	1601	Ok
2, 3	1132	1625	Ok
3, 3	1116	1490	Ok
4, 3			
5, 3			
6, 3	1127	1614	Ok

Row 5

11

-6, 5	1127	1627	Ok
-5, 5	1127	1547	Ok
-4, 5	1137	1615	Ok
-3, 5	1128	1606	Ok
-2, 5	1129	1634	Ok
-1, 5	1128	1636	Ok
1, 5	1126	1571	Ok
2, 5	1129	1621	Ok
3, 5	1129	1623	Ok
4, 5	1130	1593	Ok
5, 5	1129	1648	Ok
6, 5	1130	1613	Ok

Row 4

11

-6, 4	1129	1652	Ok
-5, 4	1127	1600	Ok
-4, 4	1128	1637	Ok
-3, 4	1128	1646	Ok
-2, 4	1128	1615	Ok
-1, 4	1160		
1, 4	1130	1634	Ok
2, 4	1127	1628	Ok
3, 4	1127	1653	Ok
4, 4	1128	1652	Ok
5, 4	1128	1672	Ok
6, 4	1133	1641	Ok

124 good, 6 on Chris table, 10 suspicious to be modified

0 kHz (Amp settings 10.98)

Unstable

Small pulse

bad, fixed by Chris, put aside

previously modified

previously modified, return to Chris

Previously modified
Previously modified
Previously modified
Previously modified
Previously modified

Previously modified
Check socket

Previously modified

sometimes no signal

return to Chris

F118, reference

previously modified

previously modified, bad connection, return to Chris

previously modified, no label

previously modified

previously modified, small current and amplitude, return to Chris

no label

somewhat large divider current, return to Chris

no label

no label

previously modified, no label

previously modified, no label, wong current, return to Chris

previously modified

no label

no label

no label