



# TAC Data Calculation Worksheet

**Start Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_ **TAC Reading:** \_\_\_\_\_  
**Peak Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_ **TAC Reading:** \_\_\_\_\_  
**End Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_ **TAC Reading:** \_\_\_\_\_

## Calculate Absorption:

**Start on** \_\_\_\_\_ / \_\_\_\_\_ **at** \_\_\_\_\_ : \_\_\_\_\_ **AM / PM to peak on** \_\_\_\_\_ / \_\_\_\_\_  
Month Day Hour Minute Month Day

**at** \_\_\_\_\_ : \_\_\_\_\_ **AM / PM =** \_\_\_\_\_ **hours** \_\_\_\_\_ **minutes =** \_\_\_\_\_  
Hour Minute # of Hours # of Minutes Total Time in Minutes

**Peak** \_\_\_\_\_  $\div$  \_\_\_\_\_ **minutes =** \_\_\_\_\_  $\times 60 =$  0. \_\_\_\_\_  
TAC Reading divided by Total Time in Minutes Absorption Rate

Absorption Rate = \_\_\_\_\_ TAC per hour

## Calculate Elimination:

**Peak on** \_\_\_\_\_ / \_\_\_\_\_ **at** \_\_\_\_\_ : \_\_\_\_\_ **AM / PM to end on** \_\_\_\_\_ / \_\_\_\_\_  
Month Day Hour Minute Month Day

**at** \_\_\_\_\_ : \_\_\_\_\_ **AM / PM =** \_\_\_\_\_ **hours** \_\_\_\_\_ **minutes =** \_\_\_\_\_  
Hour Minute # of Hours # of Minutes Total Time in Minutes

**Peak** \_\_\_\_\_  $\div$  \_\_\_\_\_ **minutes =** \_\_\_\_\_  $\times 60 =$  0. \_\_\_\_\_  
TAC Reading divided by Total Time in Minutes Elimination Rate

Elimination Rate = \_\_\_\_\_ TAC per hour

## IR Deviation:

**Began on** \_\_\_\_\_ / \_\_\_\_\_ **at** \_\_\_\_\_ : \_\_\_\_\_ **AM / PM** **Returned on** \_\_\_\_\_ / \_\_\_\_\_  
Month Day Hour Minute (to Baseline IR) Month Day

**at** \_\_\_\_\_ : \_\_\_\_\_ **AM / PM =** \_\_\_\_\_ **hours** \_\_\_\_\_ **minutes =** **Duration**  
Hour Minute # of Hours # of Minutes of IR Deviation

**Tamper Criteria:** *THREE (3)* hours or longer with TAC present or *EIGHT (8)* hours or longer with no TAC present.

Positive % **Deviation** is an increase in IR voltage (potential tamper):

\_\_\_\_\_  $-$  \_\_\_\_\_  $=$  \_\_\_\_\_  $\div$  \_\_\_\_\_  $=$  \_\_\_\_\_  $\times 100 =$  \_\_\_\_\_ %  
Deviated IR Reading minus Baseline IR Reading Baseline IR Reading % Deviation

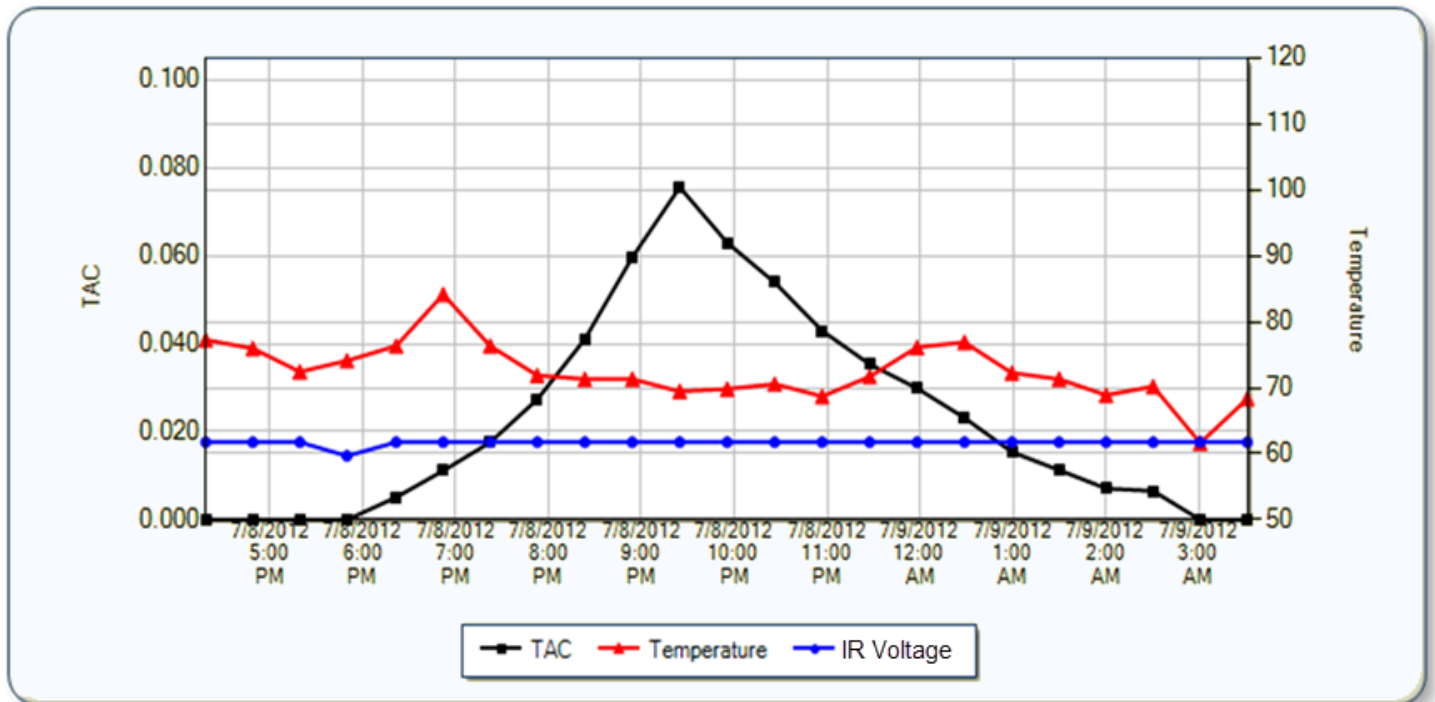
**Tamper Alert Threshold:**  $\geq +12.0\%$



## Client Report 7/8/2012 - 7/9/2012

**Client:** A  
**Case Number:** Unknown  
**Date of Birth:** Unknown

**Agency:** Any Agency  
**Agent:** Any Agent  
**Court:** Any Court



**Readings**

TAC Level	IR Voltage	Temperature	Time	Date
0.000	1.007	80.791	3:17 PM	7/8/2012
0.000	1.007	80.420	3:48 PM	7/8/2012
0.000	1.007	77.259	4:18 PM	7/8/2012
0.000	1.007	75.958	4:48 PM	7/8/2012
0.000	1.007	72.426	5:19 PM	7/8/2012
0.000	0.829	74.098	5:49 PM	7/8/2012
0.005	1.007	76.330	6:21 PM	7/8/2012
0.011	1.007	84.137	6:51 PM	7/8/2012
0.018	1.007	76.330	7:22 PM	7/8/2012
0.027	1.007	71.868	7:52 PM	7/8/2012
0.041	1.007	71.310	8:23 PM	7/8/2012
0.060	1.007	71.310	8:54 PM	7/8/2012
0.076	1.007	69.453	9:24 PM	7/8/2012
0.063	1.007	69.823	9:55 PM	7/8/2012
0.054	1.007	70.567	10:26 PM	7/8/2012
0.043	1.007	68.707	10:56 PM	7/8/2012
0.035	1.007	71.683	11:27 PM	7/8/2012

<b>TAC Level</b>	<b>IR Voltage</b>	<b>Temperature</b>	<b>Time</b>	<b>Date</b>
0.030	1.007	76.143	11:58 PM	7/8/2012
0.023	1.007	76.887	12:28 AM	7/9/2012
0.015	1.007	72.241	12:59 AM	7/9/2012
0.011	1.007	71.310	1:29 AM	7/9/2012
0.007	1.007	68.895	2:00 AM	7/9/2012
0.007	1.007	70.196	2:30 AM	7/9/2012
0.000	1.007	61.644	3:01 AM	7/9/2012
0.000	1.007	68.337	3:31 AM	7/9/2012
0.000	1.007	72.426	4:01 AM	7/9/2012



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Start Date: \_\_\_\_\_ Time: \_\_\_\_\_ TAC Reading: \_\_\_\_\_  
 Peak Date: \_\_\_\_\_ Time: \_\_\_\_\_ TAC Reading: \_\_\_\_\_  
 End Date: \_\_\_\_\_ Time: \_\_\_\_\_ TAC Reading: \_\_\_\_\_

## Calculate Absorption:

Start on \_\_\_\_\_ / \_\_\_\_\_ at \_\_\_\_\_ : \_\_\_\_\_ AM / PM to peak on \_\_\_\_\_ / \_\_\_\_\_  
Month Day Hour Minute Month Day

at \_\_\_\_\_ : \_\_\_\_\_ AM / PM = \_\_\_\_\_ hours \_\_\_\_\_ minutes = \_\_\_\_\_  
Hour Minute # of Hours # of Minutes Total Time in Minutes

Peak \_\_\_\_\_ ÷ \_\_\_\_\_ minutes = \_\_\_\_\_ × 60 = 0. \_\_\_\_\_  
TAC Reading divided by Total Time in Minutes Absorption Rate

Absorption Rate = \_\_\_\_\_ TAC per hour

## Calculate Elimination:

Peak on \_\_\_\_\_ / \_\_\_\_\_ at \_\_\_\_\_ : \_\_\_\_\_ AM / PM to end on \_\_\_\_\_ / \_\_\_\_\_  
Month Day Hour Minute Month Day

at \_\_\_\_\_ : \_\_\_\_\_ AM / PM = \_\_\_\_\_ hours \_\_\_\_\_ minutes = \_\_\_\_\_  
Hour Minute # of Hours # of Minutes Total Time in Minutes

Peak \_\_\_\_\_ ÷ \_\_\_\_\_ minutes = \_\_\_\_\_ × 60 = 0. \_\_\_\_\_  
TAC Reading divided by Total Time in Minutes Elimination Rate

Elimination Rate = \_\_\_\_\_ TAC per hour

## IR Deviation:

Began on \_\_\_\_\_ / \_\_\_\_\_ at \_\_\_\_\_ : \_\_\_\_\_ AM / PM Returned on \_\_\_\_\_ / \_\_\_\_\_  
Month Day Hour Minute (to Baseline IR) Month Day

at \_\_\_\_\_ : \_\_\_\_\_ AM / PM = \_\_\_\_\_ hours \_\_\_\_\_ minutes = **Duration**  
Hour Minute # of Hours # of Minutes of IR Deviation

**Tamper Criteria:** *THREE (3)* hours or longer with TAC present or *EIGHT (8)* hours or longer with no TAC present.

Positive % Deviation is an increase in IR voltage (potential tamper):

\_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_ ÷ \_\_\_\_\_ = \_\_\_\_\_ × 100 = \_\_\_\_\_ %  
Deviated IR Reading minus Baseline IR Reading Baseline IR Reading % Deviation

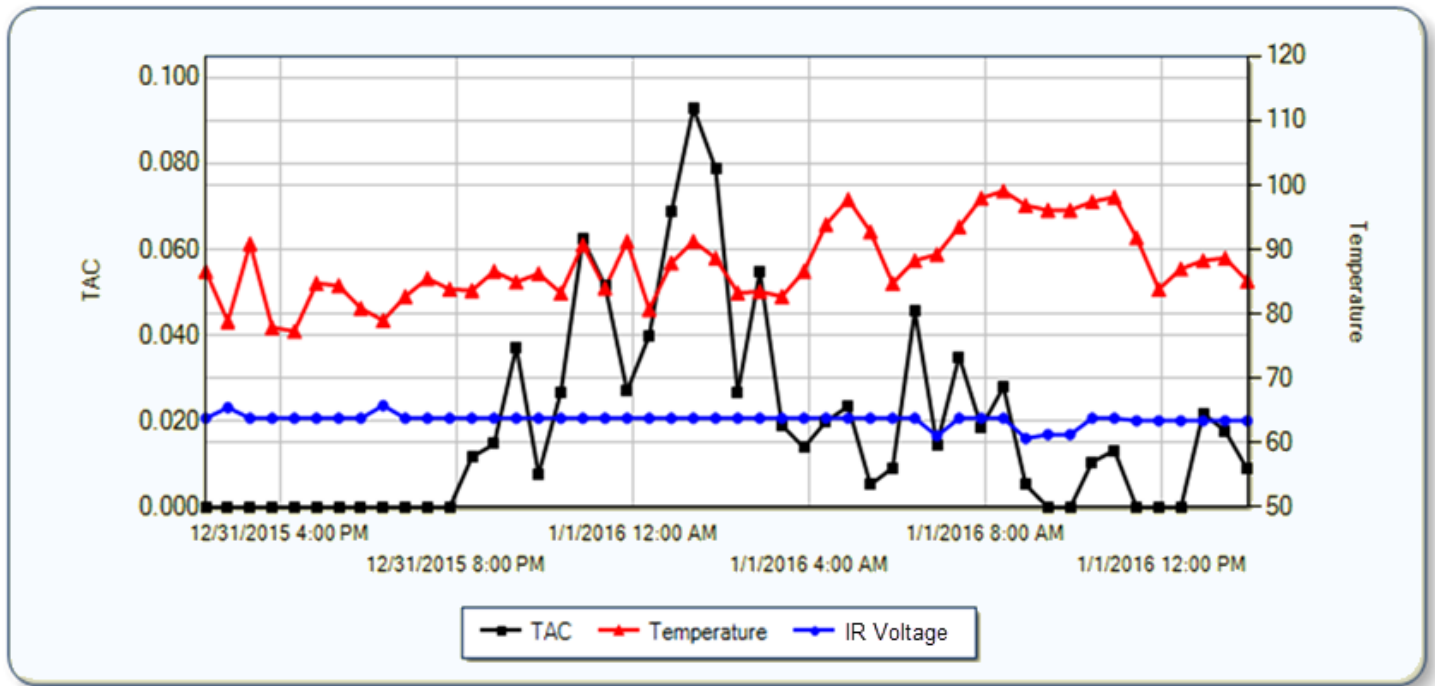
**Tamper Alert Threshold:** ≥ +12.0%



## Client Report 12/31/2015 - 1/2/2016

**Client:** B  
**Case Number:** 123  
**Date of Birth:** 10/1/1979

**Agency:** Strong Island  
**Agent:** TE Muller  
**Court:** Sprocket Criminal Court  
**Judge:** Stewart, Claddagh



**Readings**

TAC Level	IR Voltage	Temperature	Time	Date
0.000	1.184	84.391	5:20 PM	12/31/2015
0.000	1.184	80.859	5:50 PM	12/31/2015
0.000	1.353	79.000	6:20 PM	12/31/2015
0.000	1.184	82.717	6:51 PM	12/31/2015
0.000	1.184	85.505	7:21 PM	12/31/2015
0.000	1.184	83.833	7:51 PM	12/31/2015
0.012	1.184	83.647	8:21 PM	12/31/2015
0.015	1.184	86.621	8:51 PM	12/31/2015
0.037	1.184	84.949	9:22 PM	12/31/2015
0.008	1.184	86.248	9:52 PM	12/31/2015
0.027	1.184	83.275	10:22 PM	12/31/2015
0.062	1.184	90.711	10:52 PM	12/31/2015
0.052	1.184	84.018	11:22 PM	12/31/2015
0.027	1.184	91.269	11:52 PM	12/31/2015
0.040	1.184	80.672	12:23 AM	1/1/2016
0.069	1.184	87.922	12:53 AM	1/1/2016

TAC Level	IR Voltage	Temperature	Time	Date
0.093	1.184	91.269	1:23 AM	1/1/2016
0.079	1.184	88.666	1:53 AM	1/1/2016
0.027	1.184	83.275	2:23 AM	1/1/2016
0.055	1.184	83.460	2:53 AM	1/1/2016
0.019	1.184	82.717	3:23 AM	1/1/2016
0.014	1.184	86.621	3:53 AM	1/1/2016
0.020	1.184	93.871	4:23 AM	1/1/2016
0.023	1.184	97.774	4:53 AM	1/1/2016
0.005	1.184	92.755	5:24 AM	1/1/2016
0.009	1.184	84.762	5:54 AM	1/1/2016
0.046	1.184	88.293	6:24 AM	1/1/2016
0.015	0.949	89.224	6:54 AM	1/1/2016
0.035	1.184	93.499	7:24 AM	1/1/2016
0.019	1.184	97.961	7:55 AM	1/1/2016
0.028	1.184	99.075	8:25 AM	1/1/2016
0.005	0.916	96.845	8:55 AM	1/1/2016
0.000	0.968	96.102	9:25 AM	1/1/2016
0.000	0.967	96.102	9:56 AM	1/1/2016
0.011	1.184	97.403	10:26 AM	1/1/2016
0.013	1.184	98.146	10:56 AM	1/1/2016
0.000	1.150	91.827	11:26 AM	1/1/2016
0.000	1.150	83.833	11:56 AM	1/1/2016
0.000	1.150	86.994	12:26 PM	1/1/2016
0.026	1.143	93.684	9:09 PM	1/2/2016
0.025	1.143	90.153	9:39 PM	1/2/2016
0.012	1.143	90.896	10:10 PM	1/2/2016
0.026	1.143	96.102	10:40 PM	1/2/2016
0.027	1.143	98.146	11:10 PM	1/2/2016
0.011	1.143	89.967	11:40 PM	1/2/2016



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 Peak Date: \_\_\_\_\_ Time: \_\_\_\_\_ TAC Reading: \_\_\_\_\_  
 End Date: \_\_\_\_\_ Time: \_\_\_\_\_ TAC Reading: \_\_\_\_\_

## Calculate Absorption:

Start on \_\_\_\_\_ / \_\_\_\_\_ at \_\_\_\_\_ : \_\_\_\_\_ AM / PM to peak on \_\_\_\_\_ / \_\_\_\_\_  
Month Day Hour Minute Month Day

at \_\_\_\_\_ : \_\_\_\_\_ AM / PM = \_\_\_\_\_ hours \_\_\_\_\_ minutes = \_\_\_\_\_  
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Absorption Rate = \_\_\_\_\_ TAC per hour

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Month Day Hour Minute Month Day

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TAC Reading divided by Total Time in Minutes Elimination Rate

Elimination Rate = \_\_\_\_\_ TAC per hour

## IR Deviation:

Began on \_\_\_\_\_ / \_\_\_\_\_ at \_\_\_\_\_ : \_\_\_\_\_ AM / PM Returned on \_\_\_\_\_ / \_\_\_\_\_  
Month Day Hour Minute (to Baseline IR) Month Day

at \_\_\_\_\_ : \_\_\_\_\_ AM / PM = \_\_\_\_\_ hours \_\_\_\_\_ minutes = **Duration**  
Hour Minute # of Hours # of Minutes of IR Deviation

**Tamper Criteria:** *THREE (3)* hours or longer with TAC present or *EIGHT (8)* hours or longer with no TAC present.

Positive % Deviation is an increase in IR voltage (potential tamper):

\_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_ ÷ \_\_\_\_\_ = \_\_\_\_\_ × 100 = \_\_\_\_\_ %  
Deviated IR Reading minus Baseline IR Reading Baseline IR Reading % Deviation

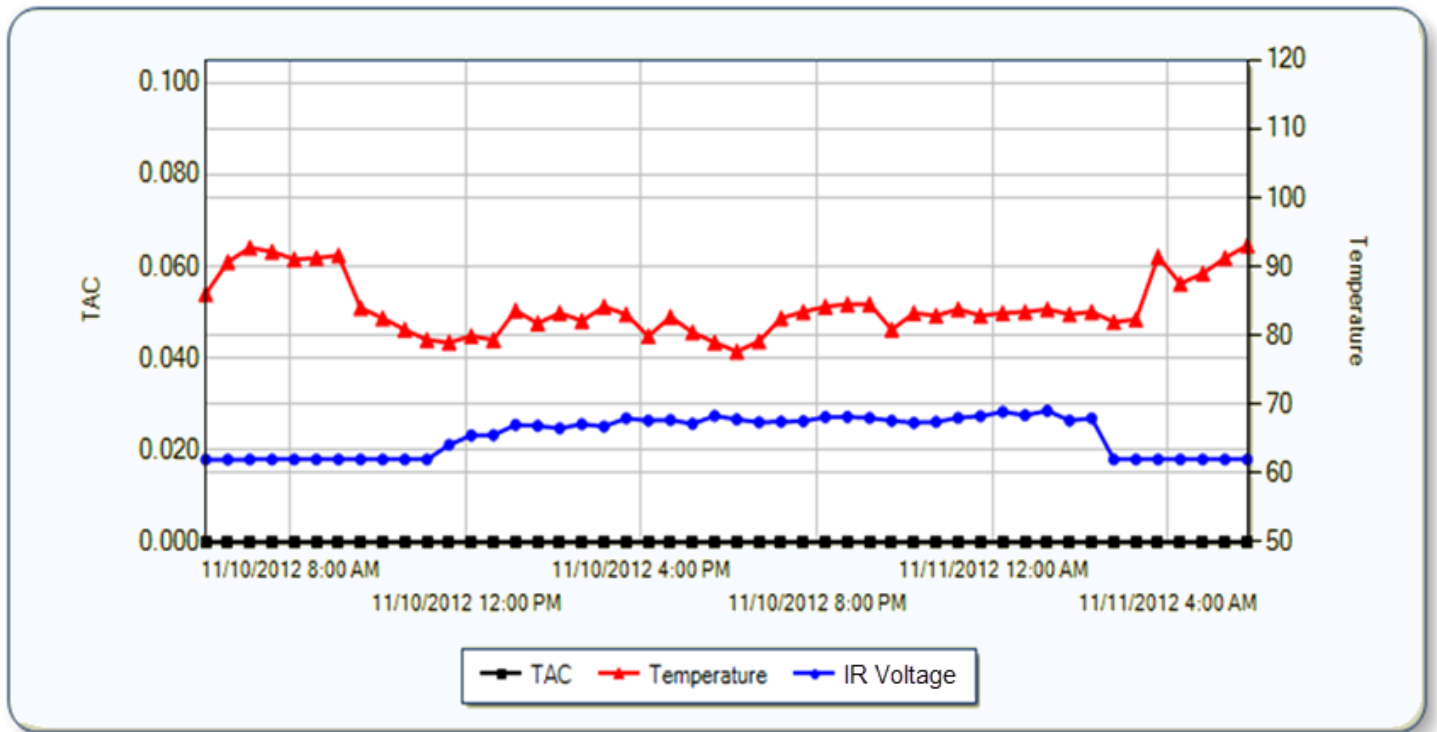
**Tamper Alert Threshold:** ≥ +12.0%



## Client Report 11/9/2012 - 11/12/2012

**Client:** C  
**Case Number:** Unknown  
**Date of Birth:** Unknown

**Agency:** Mickey D's  
**Agent:** You  
**Court:** Here  
**Judge:** Me



**Readings**

TAC Level	IR Voltage	Temperature	Time	Date
0.000	1.027	91.603	9:05 AM	11/10/2012
0.000	1.027	83.982	9:36 AM	11/10/2012
0.000	1.027	82.495	10:06 AM	11/10/2012
0.000	1.027	80.821	10:36 AM	11/10/2012
0.000	1.027	79.335	11:06 AM	11/10/2012
0.000	1.208	78.964	11:37 AM	11/10/2012
0.000	1.327	79.893	12:07 PM	11/10/2012
0.000	1.330	79.335	12:37 PM	11/10/2012
0.000	1.457	83.611	1:07 PM	11/10/2012
0.000	1.445	81.752	1:38 PM	11/10/2012
0.000	1.415	83.239	2:08 PM	11/10/2012
0.000	1.467	82.123	2:38 PM	11/10/2012
0.000	1.437	84.168	3:08 PM	11/10/2012
0.000	1.538	83.053	3:39 PM	11/10/2012
0.000	1.511	79.893	4:09 PM	11/10/2012

TAC Level	IR Voltage	Temperature	Time	Date
0.000	1.517	82.681	4:39 PM	11/10/2012
0.000	1.471	80.451	5:09 PM	11/10/2012
0.000	1.569	78.964	5:40 PM	11/10/2012
0.000	1.526	77.662	6:10 PM	11/10/2012
0.000	1.491	79.149	6:40 PM	11/10/2012
0.000	1.497	82.495	7:10 PM	11/10/2012
0.000	1.503	83.424	7:41 PM	11/10/2012
0.000	1.555	84.168	8:11 PM	11/10/2012
0.000	1.556	84.540	8:41 PM	11/10/2012
0.000	1.543	84.540	9:11 PM	11/10/2012
0.000	1.510	80.821	9:42 PM	11/10/2012
0.000	1.484	83.239	10:12 PM	11/10/2012
0.000	1.495	82.866	10:42 PM	11/10/2012
0.000	1.546	83.797	11:12 PM	11/10/2012
0.000	1.566	82.866	11:43 PM	11/10/2012
0.000	1.620	83.239	12:13 AM	11/11/2012
0.000	1.578	83.424	12:44 AM	11/11/2012
0.000	1.633	83.797	1:14 AM	11/11/2012
0.000	1.512	83.053	1:45 AM	11/11/2012
0.000	1.539	83.424	2:15 AM	11/11/2012
0.000	1.027	81.937	2:45 AM	11/11/2012
0.000	1.027	82.310	3:15 AM	11/11/2012
0.000	1.027	91.418	3:46 AM	11/11/2012
0.000	1.027	87.514	4:16 AM	11/11/2012
0.000	1.027	89.001	4:47 AM	11/11/2012



# TAC Data Calculation Worksheet

Start Date: \_\_\_\_\_ Time: \_\_\_\_\_ TAC Reading: \_\_\_\_\_  
 Peak Date: \_\_\_\_\_ Time: \_\_\_\_\_ TAC Reading: \_\_\_\_\_  
 End Date: \_\_\_\_\_ Time: \_\_\_\_\_ TAC Reading: \_\_\_\_\_

## Calculate Absorption:

Start on \_\_\_\_\_ / \_\_\_\_\_ at \_\_\_\_\_ : \_\_\_\_\_ AM / PM to peak on \_\_\_\_\_ / \_\_\_\_\_  
Month Day Hour Minute Month Day

at \_\_\_\_\_ : \_\_\_\_\_ AM / PM = \_\_\_\_\_ hours \_\_\_\_\_ minutes = \_\_\_\_\_  
Hour Minute # of Hours # of Minutes Total Time in Minutes

Peak \_\_\_\_\_ ÷ \_\_\_\_\_ minutes = \_\_\_\_\_ × 60 = 0. \_\_\_\_\_  
TAC Reading divided by Total Time in Minutes Absorption Rate

Absorption Rate = \_\_\_\_\_ TAC per hour

## Calculate Elimination:

Peak on \_\_\_\_\_ / \_\_\_\_\_ at \_\_\_\_\_ : \_\_\_\_\_ AM / PM to end on \_\_\_\_\_ / \_\_\_\_\_  
Month Day Hour Minute Month Day

at \_\_\_\_\_ : \_\_\_\_\_ AM / PM = \_\_\_\_\_ hours \_\_\_\_\_ minutes = \_\_\_\_\_  
Hour Minute # of Hours # of Minutes Total Time in Minutes

Peak \_\_\_\_\_ ÷ \_\_\_\_\_ minutes = \_\_\_\_\_ × 60 = 0. \_\_\_\_\_  
TAC Reading divided by Total Time in Minutes Elimination Rate

Elimination Rate = \_\_\_\_\_ TAC per hour

## IR Deviation:

Began on \_\_\_\_\_ / \_\_\_\_\_ at \_\_\_\_\_ : \_\_\_\_\_ AM / PM Returned on \_\_\_\_\_ / \_\_\_\_\_  
Month Day Hour Minute (to Baseline IR) Month Day

at \_\_\_\_\_ : \_\_\_\_\_ AM / PM = \_\_\_\_\_ hours \_\_\_\_\_ minutes = **Duration**  
Hour Minute # of Hours # of Minutes of IR Deviation

**Tamper Criteria:** *THREE (3)* hours or longer with TAC present or *EIGHT (8)* hours or longer with no TAC present.

Positive % Deviation is an increase in IR voltage (potential tamper):

\_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_ ÷ \_\_\_\_\_ = \_\_\_\_\_ × 100 = \_\_\_\_\_ %  
Deviated IR Reading minus Baseline IR Reading Baseline IR Reading % Deviation

**Tamper Alert Threshold:** ≥ +12.0%

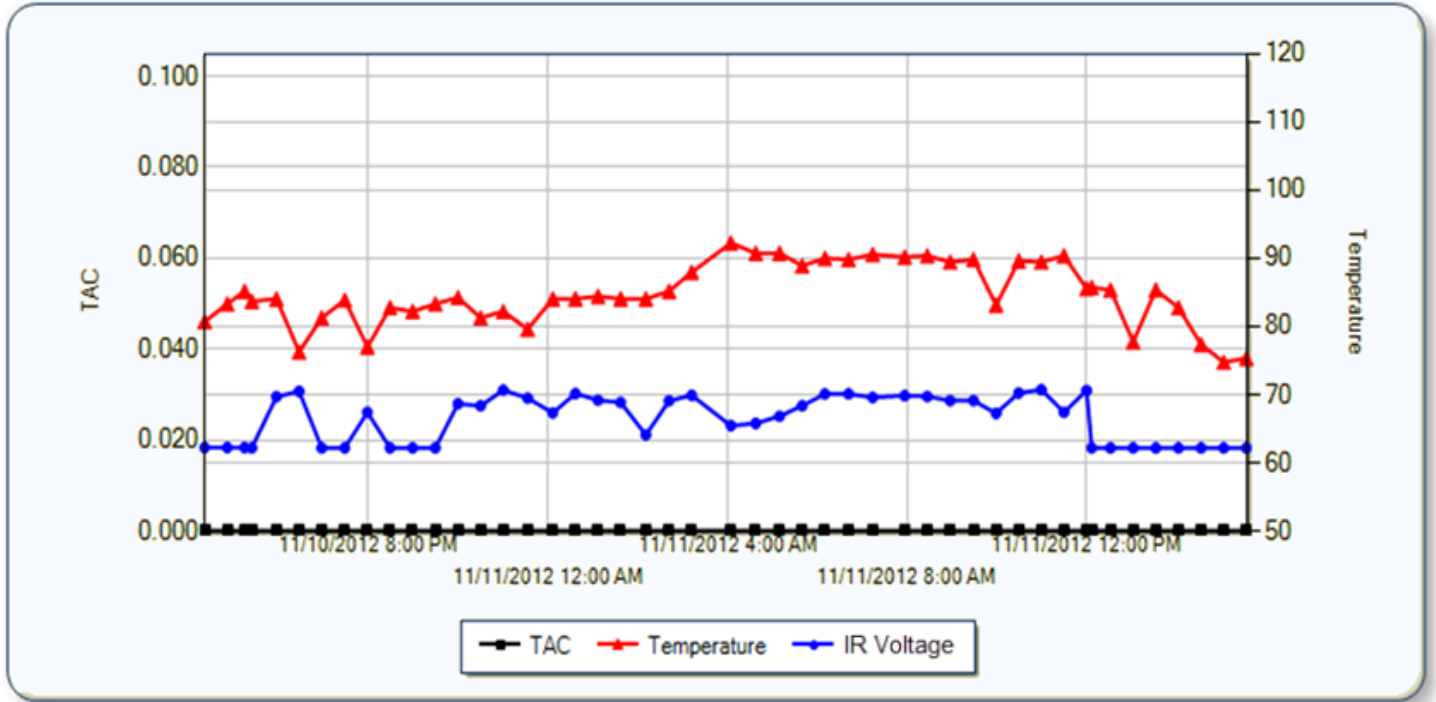


# Client Non-Compliance Report

## 11/10/2012 - 11/11/2012

**Client:** D  
**Case Number:** 1223  
**Date of Birth:** 7/16/1994  
**CAM Bracelet Number:**

**Agency:** City Court 24/7  
**Agent:** You  
**Court:** 24/7 City Court  
**Judge:** Me



**Potential Tamper**

Date/Time	Message Description	IR Voltage	Temperature	TAC
11/10/2012 6:27 PM	Potential Tamper	1.75	76.24	0.000
11/10/2012 6:57 PM	Potential Tamper	1.04	81.26	0.000
11/10/2012 7:28 PM	Potential Tamper	1.04	83.87	0.000
11/10/2012 7:58 PM	Potential Tamper	1.49	76.99	0.000
11/10/2012 8:29 PM	Potential Tamper	1.04	82.75	0.000
11/10/2012 8:59 PM	Potential Tamper	1.04	82.19	0.000
11/10/2012 9:29 PM	Potential Tamper	1.04	83.31	0.000
11/10/2012 9:59 PM	Potential Tamper	1.60	84.24	0.000
11/10/2012 10:30 PM	Potential Tamper	1.57	81.26	0.000
11/10/2012 11:00 PM	Potential Tamper	1.77	82.19	0.000
11/10/2012 11:33 PM	Potential Tamper	1.67	79.59	0.000
11/11/2012 12:06 AM	Potential Tamper	1.48	84.05	0.000
11/11/2012 12:36 AM	Potential Tamper	1.73	84.05	0.000
11/11/2012 1:07 AM	Potential Tamper	1.64	84.42	0.000
11/11/2012 1:37 AM	Potential Tamper	1.62	84.05	0.000
11/11/2012 2:10 AM	Potential Tamper	1.21	84.05	0.000
11/11/2012 2:42 AM	Potential Tamper	1.64	85.17	0.000
11/11/2012 3:12 AM	Potential Tamper	1.70	87.95	0.000
11/11/2012 4:04 AM	Potential Tamper	1.32	92.23	0.000

<b>Date/Time</b>	<b>Message Description</b>	<b>IR Voltage</b>	<b>Temperature</b>	<b>TAC</b>
11/11/2012 4:37 AM	Potential Tamper	1.35	90.74	0.000
11/11/2012 5:09 AM	Potential Tamper	1.44	90.74	0.000
11/11/2012 5:39 AM	Potential Tamper	1.57	88.88	0.000
11/11/2012 6:10 AM	Potential Tamper	1.72	90.00	0.000
11/11/2012 6:42 AM	Potential Tamper	1.72	89.81	0.000
11/11/2012 7:14 AM	Potential Tamper	1.68	90.56	0.000
11/11/2012 7:56 AM	Potential Tamper	1.70	90.19	0.000
11/11/2012 8:27 AM	Potential Tamper	1.69	90.37	0.000
11/11/2012 8:57 AM	Potential Tamper	1.64	89.44	0.000
11/11/2012 9:28 AM	Potential Tamper	1.64	89.81	0.000
11/11/2012 9:59 AM	Potential Tamper	1.48	83.12	0.000
11/11/2012 10:29 AM	Potential Tamper	1.73	89.63	0.000
11/11/2012 10:59 AM	Potential Tamper	1.78	89.44	0.000
11/11/2012 11:29 AM	Potential Tamper	1.49	90.37	0.000
11/11/2012 12:00 PM	Potential Tamper	1.77	85.54	0.000
11/11/2012 12:06 PM	Potential Tamper	1.04	85.72	0.000
11/11/2012 12:32 PM	Potential Tamper	1.04	85.35	0.000
11/11/2012 1:02 PM	Potential Tamper	1.04	77.73	0.000



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**Start Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_ **TAC Reading:** \_\_\_\_\_  
**Peak Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_ **TAC Reading:** \_\_\_\_\_  
**End Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_ **TAC Reading:** \_\_\_\_\_

## Calculate Absorption:

**Start on** \_\_\_\_\_ / \_\_\_\_\_ **at** \_\_\_\_\_ : \_\_\_\_\_ **AM / PM to peak on** \_\_\_\_\_ / \_\_\_\_\_  
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**Peak** \_\_\_\_\_  $\div$  \_\_\_\_\_ **minutes =** \_\_\_\_\_  $\times 60 =$  0. \_\_\_\_\_  
TAC Reading divided by Total Time in Minutes Absorption Rate

Absorption Rate = \_\_\_\_\_ TAC per hour

## Calculate Elimination:

**Peak on** \_\_\_\_\_ / \_\_\_\_\_ **at** \_\_\_\_\_ : \_\_\_\_\_ **AM / PM to end on** \_\_\_\_\_ / \_\_\_\_\_  
Month Day Hour Minute Month Day

**at** \_\_\_\_\_ : \_\_\_\_\_ **AM / PM =** \_\_\_\_\_ **hours** \_\_\_\_\_ **minutes =** \_\_\_\_\_  
Hour Minute # of Hours # of Minutes Total Time in Minutes

**Peak** \_\_\_\_\_  $\div$  \_\_\_\_\_ **minutes =** \_\_\_\_\_  $\times 60 =$  0. \_\_\_\_\_  
TAC Reading divided by Total Time in Minutes Elimination Rate

Elimination Rate = \_\_\_\_\_ TAC per hour

## IR Deviation:

**Began on** \_\_\_\_\_ / \_\_\_\_\_ **at** \_\_\_\_\_ : \_\_\_\_\_ **AM / PM** **Returned on** \_\_\_\_\_ / \_\_\_\_\_  
Month Day Hour Minute (to Baseline IR) Month Day

**at** \_\_\_\_\_ : \_\_\_\_\_ **AM / PM =** \_\_\_\_\_ **hours** \_\_\_\_\_ **minutes =** **Duration**  
Hour Minute # of Hours # of Minutes of IR Deviation

**Tamper Criteria:** *THREE (3)* hours or longer with TAC present or *EIGHT (8)* hours or longer with no TAC present.

Positive % **Deviation** is an increase in IR voltage (potential tamper):

\_\_\_\_\_  $-$  \_\_\_\_\_  $=$  \_\_\_\_\_  $\div$  \_\_\_\_\_  $=$  \_\_\_\_\_  $\times 100 =$  \_\_\_\_\_ %  
Deviated IR Reading minus Baseline IR Reading Baseline IR Reading % Deviation

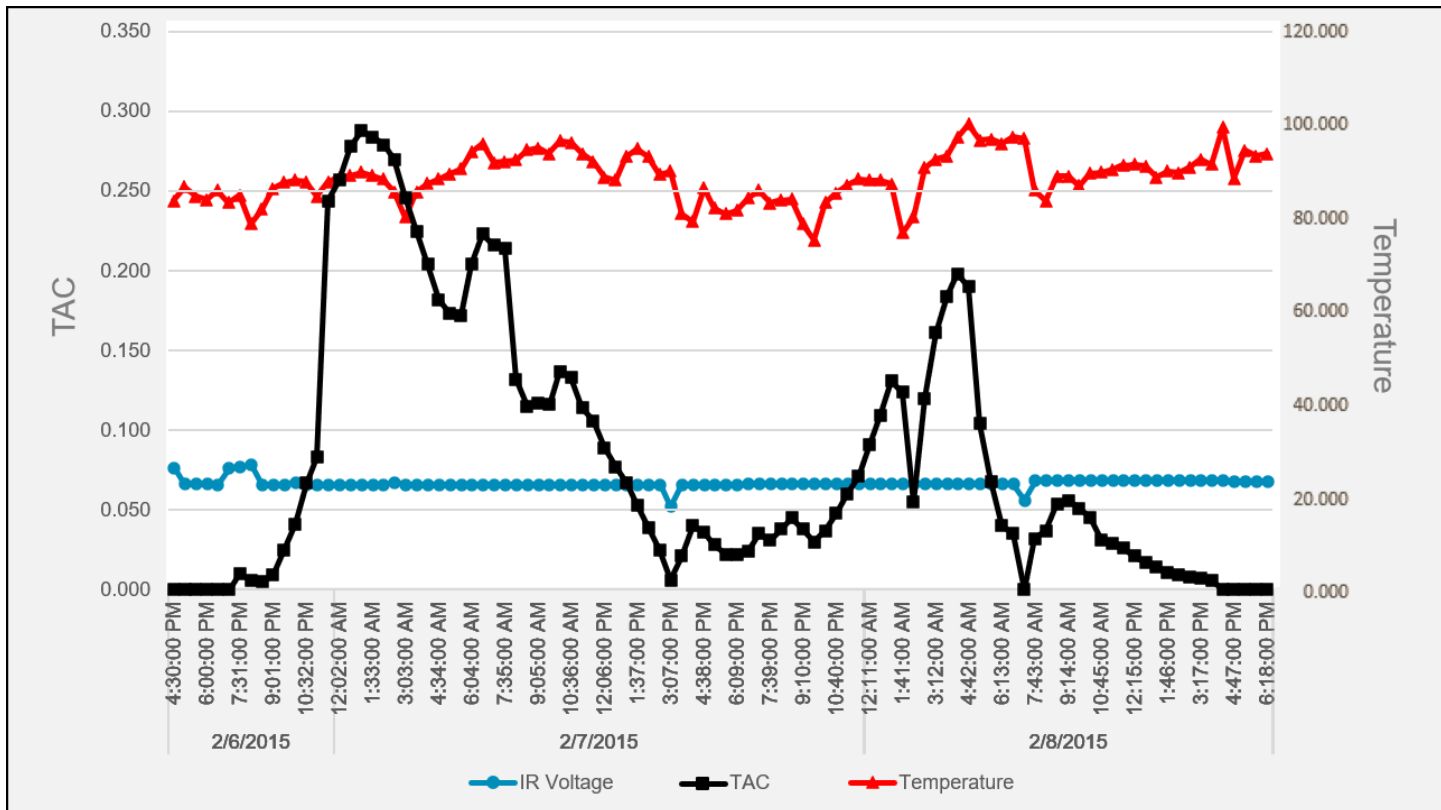
**Tamper Alert Threshold:**  $\geq +12.0\%$



## Client Report 2/5/2015 - 2/9/2015

**Client:** E  
**Case Number:** LST 8  
**Date of Birth:** 1/1/2005

**Agency:** LST January 2015  
**Agent:** LST, Administrator  
**Court:** Alcohol Monitoring Systems  
**Judge:** Me



**Readings**

TAC Level	IR Voltage	Temperature	Time	Date
0.000	1.399	83.662	4:30 PM	2/6/2015
0.000	1.208	86.635	5:00 PM	2/6/2015
0.000	1.208	84.591	5:30 PM	2/6/2015
0.000	1.208	83.847	6:00 PM	2/6/2015
0.000	1.206	85.892	6:30 PM	2/6/2015
0.000	1.388	83.289	7:00 PM	2/6/2015
0.010	1.412	84.778	7:31 PM	2/6/2015
0.006	1.430	78.643	8:01 PM	2/6/2015
0.005	1.206	81.802	8:31 PM	2/6/2015
0.009	1.206	86.265	9:01 PM	2/6/2015
0.025	1.206	87.566	9:31 PM	2/6/2015
0.041	1.231	88.124	10:02 PM	2/6/2015
0.067	1.206	87.751	10:32 PM	2/6/2015
0.083	1.206	84.591	11:02 PM	2/6/2015

TAC Level	IR Voltage	Temperature	Time	Date
0.244	1.206	87.751	11:32 PM	2/6/2015
0.257	1.206	88.680	12:02 AM	2/7/2015
0.278	1.206	89.053	12:33 AM	2/7/2015
0.288	1.206	89.796	1:03 AM	2/7/2015
0.284	1.206	89.053	1:33 AM	2/7/2015
0.279	1.206	88.309	2:03 AM	2/7/2015
0.270	1.231	85.521	2:33 AM	2/7/2015
0.246	1.206	80.130	3:03 AM	2/7/2015
0.225	1.206	85.521	3:33 AM	2/7/2015
0.204	1.206	87.379	4:03 AM	2/7/2015
0.182	1.206	88.309	4:34 AM	2/7/2015
0.173	1.206	89.424	5:04 AM	2/7/2015
0.172	1.206	90.540	5:34 AM	2/7/2015
0.204	1.206	94.071	6:04 AM	2/7/2015
0.223	1.206	95.931	6:34 AM	2/7/2015
0.216	1.206	91.841	7:05 AM	2/7/2015
0.214	1.206	92.026	7:35 AM	2/7/2015
0.132	1.206	92.399	8:05 AM	2/7/2015
0.115	1.206	94.629	8:35 AM	2/7/2015
0.117	1.206	95.002	9:05 AM	2/7/2015
0.116	1.206	93.700	9:35 AM	2/7/2015
0.137	1.206	96.489	10:06 AM	2/7/2015
0.133	1.206	96.116	10:36 AM	2/7/2015
0.114	1.206	93.700	11:06 AM	2/7/2015
0.106	1.206	92.026	11:36 AM	2/7/2015
0.089	1.206	88.680	12:06 PM	2/7/2015
0.077	1.206	88.124	12:36 PM	2/7/2015
0.067	1.206	93.142	1:07 PM	2/7/2015
0.053	1.206	94.815	1:37 PM	2/7/2015
0.039	1.206	93.142	2:07 PM	2/7/2015
0.025	1.206	89.238	2:37 PM	2/7/2015
0.006	0.954	89.982	3:07 PM	2/7/2015
0.021	1.206	80.874	3:38 PM	2/7/2015
0.040	1.206	79.200	4:08 PM	2/7/2015
0.036	1.206	86.450	4:38 PM	2/7/2015
0.028	1.206	81.990	5:08 PM	2/7/2015
0.022	1.206	80.874	5:38 PM	2/7/2015
0.022	1.206	81.617	6:09 PM	2/7/2015
0.024	1.207	84.220	6:39 PM	2/7/2015
0.035	1.207	85.892	7:09 PM	2/7/2015
0.031	1.207	83.104	7:39 PM	2/7/2015
0.038	1.207	83.847	8:09 PM	2/7/2015
0.045	1.207	84.034	8:40 PM	2/7/2015
0.038	1.207	78.643	9:10 PM	2/7/2015
0.030	1.207	75.112	9:40 PM	2/7/2015

TAC Level	IR Voltage	Temperature	Time	Date
0.037	1.207	83.289	10:10 PM	2/7/2015
0.048	1.207	85.334	10:40 PM	2/7/2015
0.060	1.207	87.008	11:11 PM	2/7/2015
0.071	1.207	88.309	11:41 PM	2/7/2015
0.091	1.207	88.124	12:11 AM	2/8/2015
0.109	1.207	88.124	12:41 AM	2/8/2015
0.131	1.207	87.193	1:11 AM	2/8/2015
0.124	1.207	76.784	1:41 AM	2/8/2015
0.055	1.207	80.130	2:12 AM	2/8/2015
0.120	1.207	90.725	2:42 AM	2/8/2015
0.161	1.207	92.584	3:12 AM	2/8/2015
0.184	1.207	93.328	3:42 AM	2/8/2015
0.198	1.207	97.232	4:12 AM	2/8/2015
0.190	1.207	100.206	4:42 AM	2/8/2015
0.104	1.207	96.674	5:13 AM	2/8/2015
0.068	1.207	96.859	5:43 AM	2/8/2015
0.040	1.207	95.931	6:13 AM	2/8/2015
0.035	1.207	97.417	6:43 AM	2/8/2015
0.000	1.022	97.047	7:13 AM	2/8/2015
0.032	1.246	85.892	7:43 AM	2/8/2015
0.037	1.246	83.662	8:14 AM	2/8/2015
0.054	1.246	88.867	8:44 AM	2/8/2015
0.056	1.246	88.867	9:14 AM	2/8/2015
0.051	1.246	86.823	9:44 AM	2/8/2015
0.045	1.246	89.611	10:14 AM	2/8/2015
0.031	1.246	89.796	10:45 AM	2/8/2015
0.029	1.246	90.354	11:15 AM	2/8/2015
0.026	1.246	91.283	11:45 AM	2/8/2015
0.021	1.246	91.468	12:15 PM	2/8/2015
0.017	1.246	91.098	12:45 PM	2/8/2015
0.014	1.246	88.680	1:15 PM	2/8/2015
0.011	1.246	89.982	1:46 PM	2/8/2015
0.009	1.246	89.611	2:16 PM	2/8/2015
0.008	1.246	90.912	2:46 PM	2/8/2015
0.007	1.246	92.584	3:17 PM	2/8/2015
0.006	1.246	91.468	3:47 PM	2/8/2015
0.000	1.246	99.462	4:17 PM	2/8/2015
0.000	1.240	88.495	4:47 PM	2/8/2015
0.000	1.240	94.444	5:17 PM	2/8/2015
0.000	1.240	93.328	5:48 PM	2/8/2015
0.000	1.240	93.700	6:18 PM	2/8/2015



# Multi-Peak TAC Data Calculation Worksheet

Start Date:	_____	Time:	_____	TAC Reading:	_____
1 <sup>st</sup> Peak Date:	_____	Time:	_____	TAC Reading:	_____
Last Peak Date:	_____	Time:	_____	TAC Reading:	_____
End Date:	_____	Time:	_____	TAC Reading:	_____

## Calculate Absorption:

Start on \_\_\_\_\_ / \_\_\_\_\_ at \_\_\_\_\_ : \_\_\_\_\_ AM / PM to 1<sup>st</sup> peak on \_\_\_\_\_ / \_\_\_\_\_  
Month Day Hour Minute Month Day

at \_\_\_\_\_ : \_\_\_\_\_ AM / PM = \_\_\_\_\_ hours \_\_\_\_\_ minutes = \_\_\_\_\_  
Hour Minute # of Hours # of Minutes Total Time in Minutes

1<sup>st</sup> Peak \_\_\_\_\_ ÷ \_\_\_\_\_ minutes = \_\_\_\_\_ × 60 = 0. \_\_\_\_\_  
TAC Reading divided by Total Time in Minutes Absorption Rate

Absorption Rate = \_\_\_\_\_ TAC per hour

## Calculate Elimination:

Last Pk on \_\_\_\_\_ / \_\_\_\_\_ at \_\_\_\_\_ : \_\_\_\_\_ AM / PM to end on \_\_\_\_\_ / \_\_\_\_\_  
Month Day Hour Minute Month Day

at \_\_\_\_\_ : \_\_\_\_\_ AM / PM = \_\_\_\_\_ hours \_\_\_\_\_ minutes = \_\_\_\_\_  
Hour Minute # of Hours # of Minutes Total Time in Minutes

Last Pk \_\_\_\_\_ ÷ \_\_\_\_\_ minutes = \_\_\_\_\_ × 60 = 0. \_\_\_\_\_  
TAC Reading divided by Total Time in Minutes Elimination Rate

Elimination Rate = \_\_\_\_\_ TAC per hour

## IR Deviation:

Began on \_\_\_\_\_ / \_\_\_\_\_ at \_\_\_\_\_ : \_\_\_\_\_ AM / PM Returned on \_\_\_\_\_ / \_\_\_\_\_  
Month Day Hour Minute (to Baseline IR) Month Day

at \_\_\_\_\_ : \_\_\_\_\_ AM / PM = \_\_\_\_\_ hours \_\_\_\_\_ minutes = **Duration**  
Hour Minute # of Hours # of Minutes of IR Deviation

**Tamper Criteria:** *THREE (3)* hours or longer with TAC present or *EIGHT (8)* hours or longer with no TAC present.

Positive % Deviation is an increase in IR voltage (potential tamper):

\_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_ ÷ \_\_\_\_\_ = \_\_\_\_\_ × 100 = \_\_\_\_\_ %  
Deviated IR Reading minus Baseline IR Reading Baseline IR Reading % Deviation

**Tamper Alert Threshold:** ≥ +12.0%