

## RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.231)

|               |                                   |             |           |
|---------------|-----------------------------------|-------------|-----------|
| COMPANY       | TELDATA SOLUTIONS                 | DATE        | 3/12/01   |
| EUT           | RF TRANSMITTER - STAND ALONE MODE | DUTY CYCLE  | 10.00 %   |
| MODEL         | RFONE                             | PEAK TO AVG | -20.00 dB |
| S/N           | PROTOTYPE                         | TEST DIST.  | 3 METERS  |
| TEST ENGINEER | KYLE FUJIMOTO                     | LAB         | D         |

| Frequency<br>MHz | Peak<br>Reading<br>(dBuV) | Average (A)<br>or Quasi-<br>Peak (QP) | Antenna<br>Polar.<br>(V or H) | Antenna<br>Height<br>(meters) | EUT<br>Azimuth<br>(degrees) | EUT<br>Axis<br>(X,Y,Z) | EUT<br>Tx<br>Channel | Antenna<br>Factor<br>(dB) | Cable<br>Loss<br>(dB) | Amplifier<br>Gain<br>(dB) | *Corrected<br>Reading<br>(dBuV/m) | Delta<br>**<br>(dB) | Spec<br>Limit<br>(dBuV/m) | Comments |
|------------------|---------------------------|---------------------------------------|-------------------------------|-------------------------------|-----------------------------|------------------------|----------------------|---------------------------|-----------------------|---------------------------|-----------------------------------|---------------------|---------------------------|----------|
| 303.8750         | 68.3                      | 48.3 A                                | H                             | 1.0                           | 90                          |                        |                      | 13.1                      | 2.8                   | 0.0                       | 64.2                              | -2.7                | 66.9                      |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
| 303.8750         | 55.8                      | 35.8 A                                | V                             | 1.0                           | 90                          |                        |                      | 13.1                      | 2.8                   | 0.0                       | 51.7                              | -15.2               | 66.9                      |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |

\* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN  
 \*\* DELTA = SPEC LIMIT - CORRECTED READING

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|               |                                   |             |           |
|---------------|-----------------------------------|-------------|-----------|
| COMPANY       | TELDATA SOLUTIONS                 | DATE        | 3/12/01   |
| EUT           | RF TRANSMITTER - STAND ALONE MODE | DUTY CYCLE  | 10.00 %   |
| MODEL         | RFONE                             | PEAK TO AVG | -20.00 dB |
| S/N           | PROTOTYPE                         | TEST DIST.  | 3 METERS  |
| TEST ENGINEER | KYLE FUJIMOTO                     | LAB         | D         |

| Frequency<br>MHz | Peak<br>Reading<br>(dBuV) | Average (A)<br>or Quasi-<br>Peak (QP) | Antenna<br>Polar.<br>(V or H) | Antenna<br>Height<br>(meters) | EUT<br>Azimuth<br>(degrees) | EUT<br>Axis<br>(X,Y,Z) | EUT<br>Tx<br>Channel | Antenna<br>Factor<br>(dB) | Cable<br>Loss<br>(dB) | Amplifier<br>Gain<br>(dB) | *Corrected<br>Reading<br>(dBuV/m) | Delta<br>**<br>(dB) | Spec<br>Limit<br>(dBuV/m) | Comments |
|------------------|---------------------------|---------------------------------------|-------------------------------|-------------------------------|-----------------------------|------------------------|----------------------|---------------------------|-----------------------|---------------------------|-----------------------------------|---------------------|---------------------------|----------|
| 607.7500         | 55.0                      | 35.0 A                                | H                             | 1.0                           | 180                         |                        |                      | 16.5                      | 3.9                   | 38.8                      | 16.7                              | -30.2               | 46.9                      |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
| 607.7500         | 57.0                      | 37.0 A                                | V                             | 1.5                           | 180                         |                        |                      | 16.5                      | 3.9                   | 38.8                      | 18.7                              | -28.2               | 46.9                      |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |

\* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN

\*\* DELTA = SPEC LIMIT - CORRECTED READING

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## RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.231)

|               |                                   |             |           |
|---------------|-----------------------------------|-------------|-----------|
| COMPANY       | TELDATA SOLUTIONS                 | DATE        | 3/12/01   |
| EUT           | RF TRANSMITTER - STAND ALONE MODE | DUTY CYCLE  | 10.00 %   |
| MODEL         | RFONE                             | PEAK TO AVG | -20.00 dB |
| S/N           | PROTOTYPE                         | TEST DIST.  | 3 METERS  |
| TEST ENGINEER | KYLE FUJIMOTO                     | LAB         | D         |

| Frequency<br>MHz | Peak<br>Reading<br>(dBuV) | Average (A)<br>or Quasi-<br>Peak (QP) | Antenna<br>Polar.<br>(V or H) | Antenna<br>Height<br>(meters) | EUT<br>Azimuth<br>(degrees) | EUT<br>Axis<br>(X,Y,Z) | EUT<br>Tx<br>Channel | Antenna<br>Factor<br>(dB) | Cable<br>Loss<br>(dB) | Amplifier<br>Gain<br>(dB) | *Corrected<br>Reading<br>(dBuV/m) | Delta<br>**<br>(dB) | Spec<br>Limit<br>(dBuV/m) | Comments |
|------------------|---------------------------|---------------------------------------|-------------------------------|-------------------------------|-----------------------------|------------------------|----------------------|---------------------------|-----------------------|---------------------------|-----------------------------------|---------------------|---------------------------|----------|
| 911.6250         | 45.5                      | 25.5 A                                | H                             | 1.0                           | 90                          |                        |                      | 22.1                      | 5.1                   | 37.6                      | 15.1                              | -31.8               | 46.9                      |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
| 911.6250         | 51.9                      | 31.9 A                                | V                             | 1.0                           | 90                          |                        |                      | 22.1                      | 5.1                   | 37.6                      | 21.5                              | -25.4               | 46.9                      |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |

\* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN  
\*\* DELTA = SPEC LIMIT - CORRECTED READING

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|               |                                   |             |           |
|---------------|-----------------------------------|-------------|-----------|
| COMPANY       | TELDATA SOLUTIONS                 | DATE        | 3/12/01   |
| EUT           | RF TRANSMITTER - STAND ALONE MODE | DUTY CYCLE  | 10.00 %   |
| MODEL         | RFONE                             | PEAK TO AVG | -20.00 dB |
| S/N           | PROTOTYPE                         | TEST DIST.  | 3 METERS  |
| TEST ENGINEER | KYLE FUJIMOTO                     | LAB         | D         |

| Frequency<br>MHz | Peak<br>Reading<br>(dBuV) | Average (A)<br>or Quasi-<br>Peak (QP) | Antenna<br>Polar.<br>(V or H) | Antenna<br>Height<br>(meters) | EUT<br>Azimuth<br>(degrees) | EUT<br>Axis<br>(X,Y,Z) | EUT<br>Tx<br>Channel | Antenna<br>Factor<br>(dB) | Cable<br>Loss<br>(dB) | Amplifier<br>Gain<br>(dB) | *Corrected<br>Reading<br>(dBuV/m) | Delta<br>**<br>(dB) | Spec<br>Limit<br>(dBuV/m) | Comments |
|------------------|---------------------------|---------------------------------------|-------------------------------|-------------------------------|-----------------------------|------------------------|----------------------|---------------------------|-----------------------|---------------------------|-----------------------------------|---------------------|---------------------------|----------|
| 1215.5000        | 40.6                      | 20.6 A                                | H                             | 1.0                           | 90                          |                        |                      | 26.0                      | 2.5                   | 33.2                      | 15.9                              | -38.1               | 54.0                      |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
| 1215.5000        | 43.6                      | 23.6 A                                | V                             | 1.0                           | 90                          |                        |                      | 26.0                      | 2.5                   | 33.2                      | 18.9                              | -35.1               | 54.0                      |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |

\* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN  
 \*\* DELTA = SPEC LIMIT - CORRECTED READING

## RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.231)

|               |                                   |             |           |
|---------------|-----------------------------------|-------------|-----------|
| COMPANY       | TELDATA SOLUTIONS                 | DATE        | 3/12/01   |
| EUT           | RF TRANSMITTER - STAND ALONE MODE | DUTY CYCLE  | 10.00 %   |
| MODEL         | RFONE                             | PEAK TO AVG | -20.00 dB |
| S/N           | PROTOTYPE                         | TEST DIST.  | 3 METERS  |
| TEST ENGINEER | KYLE FUJIMOTO                     | LAB         | D         |

| Frequency<br>MHz | Peak<br>Reading<br>(dBuV) | Average (A)<br>or Quasi-<br>Peak (QP) | Antenna<br>Polar.<br>(V or H) | Antenna<br>Height<br>(meters) | EUT<br>Azimuth<br>(degrees) | EUT<br>Axis<br>(X,Y,Z) | EUT<br>Tx<br>Channel | Antenna<br>Factor<br>(dB) | Cable<br>Loss<br>(dB) | Amplifier<br>Gain<br>(dB) | *Corrected<br>Reading<br>(dBuV/m) | Delta<br>**<br>(dB) | Spec<br>Limit<br>(dBuV/m) | Comments |
|------------------|---------------------------|---------------------------------------|-------------------------------|-------------------------------|-----------------------------|------------------------|----------------------|---------------------------|-----------------------|---------------------------|-----------------------------------|---------------------|---------------------------|----------|
| 1519.3750        | 39.7                      | 19.7 A                                | H                             | 1.0                           | 180                         |                        |                      | 26.8                      | 3.0                   | 32.3                      | 17.2                              | -36.8               | 54.0                      |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
| 1519.3750        | 42.7                      | 22.7 A                                | V                             | 1.0                           | 180                         |                        |                      | 26.8                      | 3.0                   | 32.3                      | 20.2                              | -33.8               | 54.0                      |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |

\* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN  
 \*\* DELTA = SPEC LIMIT - CORRECTED READING

## RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.231)

|               |                                   |             |           |
|---------------|-----------------------------------|-------------|-----------|
| COMPANY       | TELDATA SOLUTIONS                 | DATE        | 3/12/01   |
| EUT           | RF TRANSMITTER - STAND ALONE MODE | DUTY CYCLE  | 10.00 %   |
| MODEL         | RFONE                             | PEAK TO AVG | -20.00 dB |
| S/N           | PROTOTYPE                         | TEST DIST.  | 3 METERS  |
| TEST ENGINEER | KYLE FUJIMOTO                     | LAB         | D         |

| Frequency<br>MHz | Peak<br>Reading<br>(dBuV) | Average (A)<br>or Quasi-<br>Peak (QP) | Antenna<br>Polar.<br>(V or H) | Antenna<br>Height<br>(meters) | EUT<br>Azimuth<br>(degrees) | EUT<br>Axis<br>(X,Y,Z) | EUT<br>Tx<br>Channel | Antenna<br>Factor<br>(dB) | Cable<br>Loss<br>(dB) | Amplifier<br>Gain<br>(dB) | *Corrected<br>Reading<br>(dBuV/m) | Delta<br>**<br>(dB) | Spec<br>Limit<br>(dBuV/m) | Comments |
|------------------|---------------------------|---------------------------------------|-------------------------------|-------------------------------|-----------------------------|------------------------|----------------------|---------------------------|-----------------------|---------------------------|-----------------------------------|---------------------|---------------------------|----------|
| 1823.2500        | 39.8                      | 19.8 A                                | H                             | 1.0                           | 180                         |                        |                      | 28.6                      | 3.4                   | 31.9                      | 19.9                              | -27.0               | 46.9                      |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
| 1823.2500        | 50.7                      | 30.7 A                                | V                             | 1.0                           | 180                         |                        |                      | 28.6                      | 3.4                   | 31.9                      | 30.8                              | -16.1               | 46.9                      |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |

\* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN  
 \*\* DELTA = SPEC LIMIT - CORRECTED READING

## RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.231)

|               |                                   |             |           |
|---------------|-----------------------------------|-------------|-----------|
| COMPANY       | TELDATA SOLUTIONS                 | DATE        | 3/12/01   |
| EUT           | RF TRANSMITTER - STAND ALONE MODE | DUTY CYCLE  | 10.00 %   |
| MODEL         | RFONE                             | PEAK TO AVG | -20.00 dB |
| S/N           | PROTOTYPE                         | TEST DIST.  | 3 METERS  |
| TEST ENGINEER | KYLE FUJIMOTO                     | LAB         | D         |

| Frequency<br>MHz | Peak<br>Reading<br>(dBuV) | Average (A)<br>or Quasi-<br>Peak (QP) | Antenna<br>Polar.<br>(V or H) | Antenna<br>Height<br>(meters) | EUT<br>Azimuth<br>(degrees) | EUT<br>Axis<br>(X,Y,Z) | EUT<br>Tx<br>Channel | Antenna<br>Factor<br>(dB) | Cable<br>Loss<br>(dB) | Amplifier<br>Gain<br>(dB) | *Corrected<br>Reading<br>(dBuV/m) | Delta<br>**<br>(dB) | Spec<br>Limit<br>(dBuV/m) | Comments |
|------------------|---------------------------|---------------------------------------|-------------------------------|-------------------------------|-----------------------------|------------------------|----------------------|---------------------------|-----------------------|---------------------------|-----------------------------------|---------------------|---------------------------|----------|
| 2127.1250        | 36.5                      | 16.5 A                                | H                             | 1.0                           | 270                         |                        |                      | 29.9                      | 3.6                   | 32.4                      | 17.6                              | -29.3               | 46.9                      |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
| 2127.1250        | 39.7                      | 19.7 A                                | V                             | 1.0                           | 90                          |                        |                      | 29.9                      | 3.6                   | 32.4                      | 20.8                              | -26.1               | 46.9                      |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |          |

\* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN  
 \*\* DELTA = SPEC LIMIT - CORRECTED READING

## RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.231)

|               |                                   |             |           |
|---------------|-----------------------------------|-------------|-----------|
| COMPANY       | TELDATA SOLUTIONS                 | DATE        | 3/12/01   |
| EUT           | RF TRANSMITTER - STAND ALONE MODE | DUTY CYCLE  | 10.00 %   |
| MODEL         | RFONE                             | PEAK TO AVG | -20.00 dB |
| S/N           | PROTOTYPE                         | TEST DIST.  | 3 METERS  |
| TEST ENGINEER | KYLE FUJIMOTO                     | LAB         | D         |

| Frequency<br>MHz | Peak<br>Reading<br>(dBuV) | Average (A)<br>or Quasi-<br>Peak (QP) | Antenna<br>Polar.<br>(V or H) | Antenna<br>Height<br>(meters) | EUT<br>Azimuth<br>(degrees) | EUT<br>Axis<br>(X,Y,Z) | EUT<br>Tx<br>Channel | Antenna<br>Factor<br>(dB) | Cable<br>Loss<br>(dB) | Amplifier<br>Gain<br>(dB) | *Corrected<br>Reading<br>(dBuV/m) | Delta<br>**<br>(dB) | Spec<br>Limit<br>(dBuV/m) | Comments            |
|------------------|---------------------------|---------------------------------------|-------------------------------|-------------------------------|-----------------------------|------------------------|----------------------|---------------------------|-----------------------|---------------------------|-----------------------------------|---------------------|---------------------------|---------------------|
| 2431.0000        | 40.0                      | 20.0 A                                | H                             | 1.0                           | 180                         |                        |                      | 30.5                      | 3.6                   | 32.0                      | 22.1                              | -24.8               | 46.9                      |                     |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |                     |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |                     |
| 2431.0000        | 39.3                      | 19.3 A                                | V                             | 1.0                           | 90                          |                        |                      | 30.5                      | 3.6                   | 32.0                      | 21.4                              | -25.5               | 46.9                      |                     |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |                     |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |                     |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           | NOTE: NO HARMONICS  |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           | NOR EMISSIONS FOUND |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           | AFTER THE 8TH       |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           | HARMONIC FOR THE    |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           | EUT                 |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |                     |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |                     |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |                     |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |                     |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |                     |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |                     |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |                     |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |                     |
|                  |                           |                                       |                               |                               |                             |                        |                      |                           |                       |                           |                                   |                     |                           |                     |

\* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN  
 \*\* DELTA = SPEC LIMIT - CORRECTED READING

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Test location: Compatible Electronics  
 Customer : TELDATA SOULTIONS Date : 3/12/2001  
 Manufacturer : TELDATA SOLUTIONS Time : 9.35  
 EUT name : RF TRANSMITTER Model: RFONE  
 Specification: Fcc\_B Test distance: 3.0 mtrs Lab: D  
 Distance correction factor( $20 \cdot \log(\text{test}/\text{spec})$ ) : 0.00  
 Test Mode : SPURIOUS EMISSIONS OF THE EUT - STAND ALONE MODE  
 VERTICAL AND HORIZONTAL POLAR. 10 kHz TO 1000 MHz  
 TEMPERATURE 62 DEGREES F.  
 RELATIVE HUMIDITY 40%  
 TESTED BY: KYLE FUJIMOTO

| Pol | Freq   | Rdng  | Cable | Ant    | Amp   | Cor'd   | limit  | Delta  |
|-----|--------|-------|-------|--------|-------|---------|--------|--------|
|     | MHz    | dBuV  | loss  | factor | gain  | rdg = R | = L    | R-L    |
|     |        |       | dB    | dB     | dB    | dBuV    | dBuV/m | dB     |
| 1V  | 31.96  | 47.10 | 0.92  | 13.86  | 39.04 | 22.84   | 40.00  | -17.16 |
| 2V  | 36.03  | 52.00 | 0.96  | 13.55  | 39.12 | 27.39   | 40.00  | -12.61 |
| 3V  | 79.98  | 47.70 | 1.30  | 8.17   | 38.60 | 18.57   | 40.00  | -21.43 |
| 4V  | 112.01 | 45.60 | 1.60  | 9.65   | 38.94 | 17.91   | 43.50  | -25.59 |
| 5V  | 172.01 | 33.90 | 2.00  | 14.57  | 38.80 | 11.67   | 43.50  | -31.83 |
| 6V  | 264.01 | 37.20 | 2.67  | 17.50  | 38.91 | 18.45   | 46.00  | -27.55 |
| 7H  | 332.01 | 38.60 | 2.93  | 14.22  | 38.90 | 16.85   | 46.00  | -29.15 |
| 8H  | 392.01 | 37.80 | 3.25  | 16.59  | 38.65 | 19.00   | 46.00  | -27.00 |
| 9H  | 420.01 | 34.40 | 3.26  | 16.87  | 38.56 | 15.97   | 46.00  | -30.03 |
| 10H | 472.01 | 39.80 | 3.33  | 16.78  | 38.59 | 21.32   | 46.00  | -24.68 |
| 11H | 500.01 | 37.10 | 3.50  | 16.73  | 38.70 | 18.63   | 46.00  | -27.37 |
| 12H | 720.01 | 35.10 | 4.52  | 19.67  | 38.40 | 20.89   | 46.00  | -25.11 |

NOTE: THERE WERE NO EMISSIONS FOUND FROM 10 kHz TO 30 MHz  
 FOR THE EUT IN EITHER POLARIZATION