



THE CITY OF  
**NOVATO**  
CALIFORNIA

Community Development Dept.  
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Novato, CA 94945-5054  
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[www.ci.novato.ca.us](http://www.ci.novato.ca.us)

DATE: July 23, 2012

TO: City Council  
City Manager  
Community Development Director

FROM: Steve Marshall, Acting Zoning Administrator

SUBJECT: Zoning Administrator's Hearing of July 12, 2012

**NEW ITEM:**

- 1. AT&T WIRELESS TELECOMMUNICATIONS FACILITY (ED)  
P2012-042; USE PERMIT  
APN 160-150-03; 1110 HIGHLAND AVENUE**

**Consider the modification of an existing building mounted telecommunication facility, operated by AT&T, consisting of installing three (3) new panel antennas, and installing two (2) equipment cabinets for a total of five (5) equipment cabinets. Six (6) new Remote Radio Units will be installed in association with the installation of the new antennas. Additionally, the landlord has requested that an existing curved screen wall that is on the building closer to Highland Avenue, where the existing and proposed antennas will be installed, be extended.**

**PRESENT**

Chris Charlton, representing Delta Groups Engineering (applicant)

Acting Zoning Administrator Marshall reported that he had received no written correspondence in response to the application.

The public hearing was opened.

Acting Zoning Administrator Marshall reviewed the recommended conditions of approval with Mr. Charlton.

The public hearing was closed.

**ACTION TAKEN**

Acting Zoning Administrator Marshall granted the request for a use permit on July 12, 2012, in accordance with the findings and conditions of approval recommended in the staff report.

## CONDITIONS OF APPROVAL

1. The Use Permit approval shall expire two (2) years from the date of approval unless a building permit has been issued and remains valid.
2. No deviation from approved plans, including color changes or substitution of materials, shall be made without City approval. Any changes or additions to the approved project shall be submitted to the Community Development Department and shall be subject to review and approval prior to the implementation of any proposed modification.
3. The existing screen wall is to be extended as indicated on the plans dated April 3, 2012. The color of the extended screen wall shall match the exterior color of the building.
4. All utilities connecting the approved facility visible from ground level shall be placed underground or in cable trays.
5. No exterior lighting shall be allowed for any part of the proposed facility, except as may be deemed necessary for security and shall be subject to the review and approval of the Community Development Director.
6. With the exception of emergency repairs, routine testing and maintenance activities shall be allowed only during the hours between 7:00 a.m. and 5:00 p.m., Monday through Friday. Emergency energy generators shall be used in compliance with the City's noise standards, and shall be operated only during power interruptions, or for routine testing and maintenance.
7. The Radio Frequency – Electromagnetic Fields Exposure (RF-EFE) Compliance Report, generated by the approved facility, in combination with other sources of Radio Frequency Radiation, shall not expose the general public to RFR levels that exceed the allowable standards as adopted by Federal Communications Commission (FCC) and the City. Should nationally accepted research result in the establishment of substantially revised standards for human exposure to RFR and such standards are adopted by the City or otherwise determined to be applicable to the City, the applicant shall demonstrate compliance with such standards by submitting a new RFR report to the Community Development Department within 30 days of the effective date of the adoption of the revised standards. A longer period for submitting the RFR report may be granted at the discretion of the Community Development Director. The RFR report shall determine compliance with the updated standards by calculating the RFR power level of the approved facility in combination with other similar sources of RFR.
8. Within 6 months of the initiation of the operation of the approved facility, the applicant shall submit a post-construction RFR report, including the data developed, verifying that the actual levels of RFR emitted by the approved facility, operating alone, and in combination with other approved facilities are below the FCC, threshold standards. The

applicant shall be responsible for the cost of the post-construction reports to be prepared by a qualified consultant selected by the City.

9. This Use Permit is subject to the revocation procedures contained in Section 19.42.050.G of the Novato Municipal Code in the event that any of the terms of this approval are violated or if the uses are conducted or carried out in a manner so as to adversely affect the health, welfare, or safety of persons residing or working in the City.
10. The approval granted herein shall not become effective until all appropriate fees billed by the City of Novato to the application account are paid in full in accordance with the City's Cost Base Fee System. Failure to pay said fees may result in the City withholding issuance of related building permits, certificate of occupancy, recordation of final maps or other entitlements.
11. Indemnity and Time Limitations
  - a. The applicant shall defend, indemnify and hold harmless the City, its agents, officers, attorneys and employees from any claim, action, or proceeding brought against the City or its agents, officers, attorneys, or employees, to attack set aside, void or annul the City's decision to approve the application and associated environmental determination at issue herein. This indemnification shall include damages or fees awarded against the City, if any, cost of suit, attorney's fees, and other costs and expenses incurred in connection with such action whether incurred by the applicant, the City, and/or parties initiating or bringing such action.
  - b. The applicant shall defend, indemnify and hold harmless the City, its agents, officers, employees, and attorneys for all costs incurred in additional investigation (such as the environmental determination at issue herein or any subsequently required Environmental Document), if made necessary by said legal action and if the applicant desires to pursue securing such approvals, after initiation of such litigation, which are conditioned on the approval of such documents, in a form and under conditions approved by the City Attorney.
  - c. The applicant indemnifies the City for all the City's costs, fees, and damages which the City incurs in enforcing the above indemnification provisions.
  - d. Unless a shorter period applies, the time within which judicial review of this decision must be sought is governed by California Code of Civil Procedure, Section 1094.6.
  - e. The Conditions of Project Approval set forth herein include certain fees, dedication requirements, reservation requirements, and other exactions. Pursuant to Government Code Section 66020(d)(1), these Conditions constitute written notice of a statement of the amount of such fees, and a description of the dedications, reservations, and other exactions. The applicant is hereby further notified that the

90-day approval period in which you may protest these fees, dedications, reservations, and other exactions, pursuant to Government Code Section 66020(a), has begun. If the applicant fails to file a protest within this 90-day period complying with all of the requirements of Section 66020, the applicant will be legally barred from later challenging such exactions.

2. **AT&T WIRELESS TELECOMMUNICATIONS FACILITY (ED)  
P2012-029; USE PERMIT  
APN 151-252-29; 1500 GRANT AVENUE**

**Consider a request to modify an existing telecommunication facility consisting of: removing three (3) antennas on an existing support frame, and installing these antennas below the southeast corner of the roofline; installing three new antennas on the existing support frame; adding two new equipment cabinets and installing six (6) new Remote Radio Units and three (3) battery backups for the RRUs at APN 141-252-35.**

**PRESENT**

Chris Charlton, representing Delta Groups Engineering (applicant)

Acting Zoning Administrator Marshall reported that he had received no written correspondence in response to the application.

The public hearing was opened.

Acting Zoning Administrator Marshall reviewed the recommended conditions of approval with Mr. Charlton.

The public hearing was closed.

**ACTION TAKEN**

Acting Zoning Administrator Marshall granted the request for a use permit on July 12, 2012, in accordance with the findings and conditions of approval recommended in the staff report.

**CONDITIONS OF APPROVAL**

1. The Use Permit approval shall expire two (2) years from the date of approval unless a building permit has been issued and remains valid.
2. The antennas that will be relocated from the roof to the eastern roofline on the building shall be painted to match the exterior body color of the building. The painting of the relocated antennas shall be indicated on the plans that are submitted for building permit issuance.

3. No deviation from approved plans, including color changes or substitution of materials, shall be made without Community Development Director Approval. Any changes or additions to the approved project shall be submitted to the Community Development Director and shall be subject to review and approval prior to implementation of any proposed modification.
4. No exterior lighting shall be allowed for any part of the proposed facility, except as may be deemed necessary for security and shall be subject to the review and approval of the Community Development Director.
5. With the exception of emergency repairs, routine testing and maintenance activities shall be allowed only during the hours between 7:00 a.m. and 5:00 p.m., Monday through Friday. Emergency energy generators shall be used in compliance with the City's noise standards, and shall be operated only during power interruptions, or for routine testing and maintenance.
6. AT&T shall install all recommended signage, stripping, and/or barriers as recommended in EBI Consulting's RFR report date April 18, 2012, or as may be required by FCC regulations. The plans submitted with the building permit application for AT&T's wireless facility at 1500 Grant Avenue shall identify these measures.
7. The Radio Frequency Radiation (RFR) generated by the approved facility, in combination with other sources of RFR, shall not expose the general public to RFR levels that exceed the allowable standards as adopted by Federal Communications Commission (FCC) and the City. Should nationally accepted research result in the establishment of substantially revised standards for human exposure to RFR and such standards are adopted by the City or otherwise determined to be applicable to the City, the applicant shall demonstrate compliance with such standards by submitting a new RFR report to the Community Development Department within 30 days of the effective date of the adoption of the revised standards. A longer period for submitting the RFR report may be granted at the discretion of the Community Development Director. The RFR report shall determine compliance with the updated standards by calculating the RFR power level of the approved facility in combination with other similar sources of RFR.
8. Within 90-days of the initiation of the operation of the approved facility, the applicant shall submit a post construction RFR report, including the data developed, verifying that the actual levels of RFR emitted by the approved facility, operating alone, and in combination with other approved facilities are below FCC thresholds for human exposure. The applicant shall be responsible for the cost of the post construction reports to be prepared by a qualified consultant selected by the City.
9. This Use Permit is subject to the revocation procedures contained in Section 19.42.050.G of the Novato Municipal Code in the event that any of the terms of this approval are violated or if the uses are conducted or carried out in a manner so as to adversely affect the health, welfare, or safety of persons residing or working in the City.

10. The approval granted herein shall not become effective until all appropriate fees billed by the City of Novato to the application account are paid in full in accordance with the City's Cost Base Fee System. Failure to pay said fees may result in the City withholding issuance of related building permits, certificate of occupancy, and recordation of final maps or other entitlements.

11. Indemnity and Time Limitations

- a. The applicant shall defend, indemnify and hold harmless the City, its agents, officers, attorneys and employees from any claim, action, or proceeding brought against the City or its agents, officers, attorneys, or employees, to attack set aside, void or annul the City's decision to approve the application and associated environmental determination at issue herein. This indemnification shall include damages or fees awarded against the City, if any, cost of suit, attorney's fees, and other costs and expenses incurred in connection with such action whether incurred by the applicant, the City, and/or parties initiating or bringing such action.
- b. The applicant shall defend, indemnify and hold harmless the City, its agents, officers, employees, and attorneys for all costs incurred in additional investigation (such as the environmental determination at issue herein or any subsequently required Environmental Document), if made necessary by said legal action and if the applicant desires to pursue securing such approvals, after initiation of such litigation, which are conditioned on the approval of such documents, in a form and under conditions approved by the City Attorney.
- c. The applicant indemnifies the City for all the City's costs, fees, and damages which the City incurs in enforcing the above indemnification provisions.
- d. Unless a shorter period applies, the time within which judicial review of this decision must be sought is governed by California Code of Civil Procedure, Section 1094.6.
- e. The Conditions of Project Approval set forth herein include certain fees, dedication requirements, reservation requirements, and other exactions. Pursuant to Government Code Section 66020(d)(1), these Conditions constitute written notice of a statement of the amount of such fees, and a description of the dedications, reservations, and other exactions. The applicant is hereby further notified that the 90-day approval period in which you may protest these fees, dedications, reservations, and other exactions, pursuant to Government Code Section 66020(a), has begun. If the applicant fails to file a protest within this 90-day period complying with all of the requirements of Section 66020, the applicant will be legally barred from later challenging such exactions.

3. **BUCK INSTITUTE FOR RESEARCH IN AGING STOCKPILING (LP)**  
**P2012-044; USE PERMIT**  
**APN 125-580-11; 8001 REDWOOD BOULEVARD**

Consider a use permit to allow the stockpiling of approximately 107,000 cubic yards of soil on the site designated for future Buck Institute housing. The soil will be excavated from the upper parking area and placed as engineered fill with a sub-drain system in two large piles with rough grading to allow access to the area.

**PRESENT**

James Grossi, CSW/Stuber-Stroeh, representing the Buck Institute  
Kirk Sheeley, Kitchell CEM, representing the Buck Institute  
Don Urban, Resident  
Charlotte Urban, Resident  
Kevin Sante, Resident  
Franklin Ruona, Ghillotti Bros. Contractors

Acting Zoning Administrator Marshall reviewed the permit request and project proposal with the meeting attendees.

The public hearing was opened.

Mrs. Urban inquired about the hours of construction, location of the haul route, and dust control measures.

Mr. Sheeley discussed how the haul operation would be conducted, the hours of construction/duration of the project, and the dust control measures that will be implemented.

Mr. Sante asked about the frequency of truck trips.

Zoning Administrator Marshall advised Mr. Sante the Buck Center's application indicated that six off-road haul units will make 40-round trip hauls per day.

The public hearing was closed.

**ACTION TAKEN**

Acting Zoning Administrator Marshall granted the request for a use permit on July 12, 2012, in accordance with the findings and conditions of approval recommended in the staff report.

**CONDITIONS OF APPROVAL**

1. The Use Permit approval shall expire five (5) years from the date of approval unless a time extension has been applied for and granted.

2. The approval granted herein shall not become effective until all appropriate fees billed by the City of Novato to the application account are paid in full in accordance with the City's Cost Base Fee System. Failure to pay said fees may result in the City withholding issuance of related building permits, certificate of occupancy, recordation of final maps or other entitlements.

3. Indemnity and Time Limitations

- a. The applicant shall defend, indemnify and hold harmless the City, its agents, officers, attorneys and employees from any claim, action, or proceeding brought against the City or its agents, officers, attorneys, or employees, to attack set aside, void or annul the City's decision to approve the application and associated environmental determination at issue herein. This indemnification shall include damages or fees awarded against the City, if any, cost of suit, attorney's fees, and other costs and expenses incurred in connection with such action whether incurred by the applicant, the City, and/or parties initiating or bringing such action.
- b. The applicant shall defend, indemnify and hold harmless the City, its agents, officers, employees, and attorneys for all costs incurred in additional investigation (such as the environmental determination at issue herein or any subsequently required Environmental Document), if made necessary by said legal action and if the applicant desires to pursue securing such approvals, after initiation of such litigation, which are conditioned on the approval of such documents, in a form and under conditions approved by the City Attorney.
- c. The applicant indemnifies the City for all the City's costs, fees, and damages which the City incurs in enforcing the above indemnification provisions.
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**ZONING ADMINISTRATOR STAFF REPORT  
(Use Permit)**

**MEETING**

**DATE:** July 12, 2012

**STAFF:** Elizabeth Dunn, AICP, Planning Manager

**SUBJECT: AT&T; MODIFY AN EXISTING BUILDING MOUNTED  
TELECOMMUNICATION FACILITY  
P2012-042; USE PERMIT  
APN 160-150-03; 1110 HIGHLAND**

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**PROJECT DESCRIPTION**

Consider the modification of an existing building mounted telecommunication facility, operated by AT&T, consisting of installing three (3) new panel antennas, and installing two (2) equipment cabinets for a total of five (5) equipment cabinets. Six (6) new Remote Radio Units will be installed in association with the installation of the new antennas. Additionally, the landlord has requested that an existing curved screen wall that is on the building closer to Highland Avenue, where the existing and proposed antennas will be installed, be extended.

**NEED FOR ZONING ADMINISTRATOR ACTION**

Novato Municipal Code Section 19.42.050 provides for the Zoning Administrator to hold public hearings on a Use Permit application.

**BACKGROUND**

**Applicant:** Chris Charlton, c/o Delta Groups Engineering, representing AT&T

**Property Owner:** Nativity of Christ Greek Orthodox Church

**Property Size:** 5.15 acres

**General Plan Designation:** Low Density Residential

**Zoning:** Planned District

**Existing Use:** Church with an existing building mounted telecommunication facility

Adjacent Zoning:

Residential and open space to the north, Residential to the west, south and east

### **ENVIRONMENTAL ASSESSMENT**

The application is exempt from the requirements of the California Environmental Quality Act (CEQA) and the City of Novato Environmental Review Guidelines pursuant to CEQA Guidelines Section §15303 (New Construction) Class 3; installation of small, new equipment and facilities in small structures.

### **STAFF ANALYSIS**

In order to grant a Use Permit, the following findings must be made consistent with Novato Municipal Code Section 19.42.050.E:

**Finding 1: The proposed use is consistent with the General Plan and any applicable specific plan.**

Discussion: EC Policy 13: Information Infrastructure. The City shall take action to provide the information infrastructure necessary to retain and attract targeted businesses.

The applicant is a telecommunication company and proposes the modification of existing of wireless technology, which is consistent with and would implement the above Policy.

CI Policy 1: Compatibility of Development with Surroundings: Ensure that new development is sensitive to the surrounding architecture, topography, landscaping, and to the character, scale, and ambiance of the surrounding neighborhood. Recognize that neighborhoods include community facilities needed by Novato residents as well as homes, and integrate facilities into neighborhoods.

The location of the existing telecommunication facility is on two separate buildings of the Greek Orthodox Church. One location is at the southwest corner of the building that is closest to Highland Drive. This is where two of the new antennas will be installed. The additional new antenna, for a total of three new antennas at the site, will be installed on the southeast corner of the other freestanding building, which is along the eastern property line. The property owner has requested that an existing curved wall, that is on the building closer to Highland Avenue, where the existing and proposed antennas will be installed, be extended.

**Finding 2: The proposed use is allowed with a Use Permit within the applicable zoning district and complies with all applicable provisions of this Zoning Ordinance and any relevant Master Plan and/or Precise Development Plan.**

Discussion: Section 19.38.030 of the Zoning Ordinance specifies that wireless communication facilities shall not be constructed, installed, or maintained without first obtaining a Use Permit in compliance with Section 19.42.050 (Use Permits).

The project site is located within a Planned District Zoning District. There are two separate telecommunication providers using this site for building mounted and enclosed antennas that are below the roofline. The proposal by AT&T is to remove three antennas at two locations on two different buildings, and install three antennas at the two locations. Additionally, two new ground mounted equipment cabinets will be installed, for a total of five equipment cabinets.

Pursuant to Zoning Ordinance 19.38 (Wireless Communication Facilities), the current proposal is to install six antennas to an existing building mounted telecommunication facility, and remove three antennas that exist there now, and this use is allowed upon approval of a Use Permit.

**Finding 3:** **The establishment, maintenance or operation of the use will not, under the circumstances of the particular case, be detrimental to the health, safety, or general welfare of persons residing or working in the neighborhood of the proposed use.**

**Discussion:** A Radio Frequency – Electromagnetic Fields Exposure (RF-EFE) Compliance Report prepared by TRK Engineering, the applicant’s consulting engineers, has been included with the application materials. According to the submitted document, under the worst case conditions, the calculations show predict that the maximum possible RF exposure is 22.8% of the Maximum Permissible Exposure (MPE) limit for the general population/uncontrolled exposure. There will be less Radio Frequency (RF) exposure on the ground level or nearby buildings as a person moves away from the site. Therefore, the proposed modifications to the AT&T facility will comply with the general population/uncontrolled exposure limits.

**Finding 4:** **The use, as described and conditionally approved, will not be detrimental or injurious to property and improvements in the neighborhood or to the general welfare of the City.**

**Discussion:** The location of the existing telecommunication facility is on two separate buildings of the Greek Orthodox Church. One location is at the southwest corner of the building that is closest to Highland Drive. This is where two of the new antennas will be installed. The additional new antenna, for a total of three new antennas at the site, will be installed on the southeast corner of the other freestanding building, which is along the eastern property line. The property owner has requested that an existing curved wall, that is on the building closer to Highland Avenue, where the existing and proposed antennas will be installed, be extended.

Residential properties are approximately 240 feet to the west of the building where the four antennas would be installed. A distance of approximately 70 feet separates the residential properties which are to the east of where the two building mounted antennas would be installed to the building that is along the eastern property line.

The proposed three antennas would be concealed in enclosures that would be painted to match the color of the building, have been designed to integrate with the existing building and will have no little significant visual impact to the surrounding area.

**Finding 5: The location, size, design, and operating characteristics of the proposed use are compatible with the existing and future land uses in the vicinity.**

**Discussion:** City standards and criteria for wireless communication facilities specify that the design of co-location sites should promote shared use among different carriers. To the extent feasible, antenna support and equipment structures should be designed to consolidate future planned facilities to eliminate or minimize the visual clutter resulting from multiple telecommunications structures.

This site has two different telecommunication providers and is considered to be a co-location facility. Three new antennas will be installed in the same locations where six existing antennas are now located, for a total of nine antennas.

City standards and criteria for wireless communication facilities specify that such facilities should be unlit, served by minimal road and parking areas, and shall require additional landscaping to provide visual screening of the proposed wireless facility.

The existing telecommunication facility is below the roofline on two different buildings at the site, and does not require additional landscaping, roads, lighting or parking areas to serve its operation. Service workers doing routine maintenance will access the equipment using the existing roads and paths servicing the existing equipment. An existing concrete wall, of approximately 12 feet in height, surrounds the existing equipment cabinets to prevent unauthorized personnel from accessing this equipment.

## **RECOMMENDATION**

The request to install three panel antennas, and the six Radio Remote Units along side the antennas, below the roofline where six antennas now exist on two locations at the Greek Orthodox Church, complies with City standards and regulations, specified in Division 19.38 of the Novato Municipal Code, including: location compatibility and site design, co-location requirements, and levels of radio frequency radiation. Staff recommends approval based on the findings discussed in the staff analysis section of this staff report.

## **FINDINGS AND ACTION**

1. In accordance with Section 19.42.050E and Division 19.38 of the Novato Municipal Code, and as stated in the above staff analysis section, the Zoning Administrator hereby makes the required Use Permit findings.
2. Approve the application subject to the conditions listed below.

## **CONDITIONS OF APPROVAL**

1. The Use Permit approval shall expire two (2) years from the date of approval unless a building permit has been issued and remains valid.
2. No deviation from approved plans, including color changes or substitution of materials, shall be made without City approval. Any changes or additions to the approved project shall be submitted to the Community Development Department and shall be subject to review and approval prior to the implementation of any proposed modification.
3. The existing screen wall is to be extended, as indicated on the plans dated April 3, 2012. The color of the extended screen wall shall match the exterior color of the building.
4. All utilities connecting the approved facility visible from ground level shall be placed underground or in cable trays.
5. No exterior lighting shall be allowed for any part of the proposed facility, except as may be deemed necessary for security and shall be subject to the review and approval of the Community Development Director.
6. With the exception of emergency repairs, routine testing and maintenance activities shall be allowed only during the hours between 7:00 a.m. and 5:00 p.m., Monday through Friday. Emergency energy generators shall be used in compliance with the City's noise standards, and shall be operated only during power interruptions, or for routine testing and maintenance.
7. The Radio Frequency – Electromagnetic Fields Exposure (RF-EFE) Compliance Report, generated by the approved facility, in combination with other sources of Radio Frequency Radiation, shall not expose the general public to RFR levels that exceed the allowable standards as adopted by Federal Communications Commission (FCC) and the City. Should nationally accepted research result in the establishment of substantially revised standards for human exposure to RFR and such standards are adopted by the City or otherwise determined to be applicable to the City, the applicant shall demonstrate compliance with such standards by submitting a new RFR report to the Community Development Department within 30 days of the effective date of the adoption of the revised standards. A longer period for submitting the RFR report may be granted at the discretion of the Community Development Director. The RFR report shall determine compliance with the updated standards by calculating the RFR power level of the approved facility in combination with other similar sources of RFR.
8. Within 6 months of the initiation of the operation of the approved facility, the applicant shall submit a post-construction RFR report, including the data developed, verifying that the actual levels of RFR emitted by the approved facility, operating alone, and in combination with other approved facilities, are below the FCC, threshold standards. The applicant shall

be responsible for the cost of the post-construction reports to be prepared by a qualified consultant selected by the City.

9. This Use Permit is subject to the revocation procedures contained in Section 19.42.050.G of the Novato Municipal Code in the event that any of the terms of this approval are violated or if the uses are conducted or carried out in a manner so as to adversely affect the health, welfare, or safety of persons residing or working in the City.
10. The approval granted herein shall not become effective until all appropriate fees billed by the City of Novato to the application account are paid in full in accordance with the City's Cost Base Fee System. Failure to pay said fees may result in the City withholding issuance of related building permits, certificate of occupancy, recordation of final maps or other entitlements.
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The applicant shall defend, indemnify and hold harmless the City, its agents, officers, employees, and attorneys for all costs incurred in additional investigation (such as the environmental determination at issue herein or any subsequently required Environmental Document), if made necessary by said legal action and if the applicant desires to pursue securing such approvals, after initiation of such litigation, which are conditioned on the approval of such documents, in a form and under conditions approved by the City Attorney.

The applicant indemnifies the City for all the City's costs, fees, and damages which the City incurs in enforcing the above indemnification provisions.

Unless a shorter period applies, the time within which judicial review of this decision must be sought is governed by California Code of Civil Procedure, Section 1094.6.

The Conditions of Project Approval set forth herein include certain fees, dedication requirements, reservation requirements, and other exactions. Pursuant to Government Code Section 66020(d)(1), these Conditions constitute written notice of a statement of the amount of such fees, and a description of the dedications, reservations, and other exactions. The applicant is hereby further notified that the 90-day approval period in which you may protest these fees, dedications, reservations, and other exactions, pursuant to Government Code Section 66020(a), has begun. If the applicant fails to file a protest within this 90-day

period complying with all of the requirements of Section 66020, the applicant will be legally barred from later challenging such exactions.

**FURTHER ACTION**

No further action on the application will be taken unless an appeal is filed in writing within ten calendar days along with the required filing fee.

Elizabeth Dunn  
Planning Manager

Project No. P2012-042

**PROOF OF SERVICE BY MAIL**

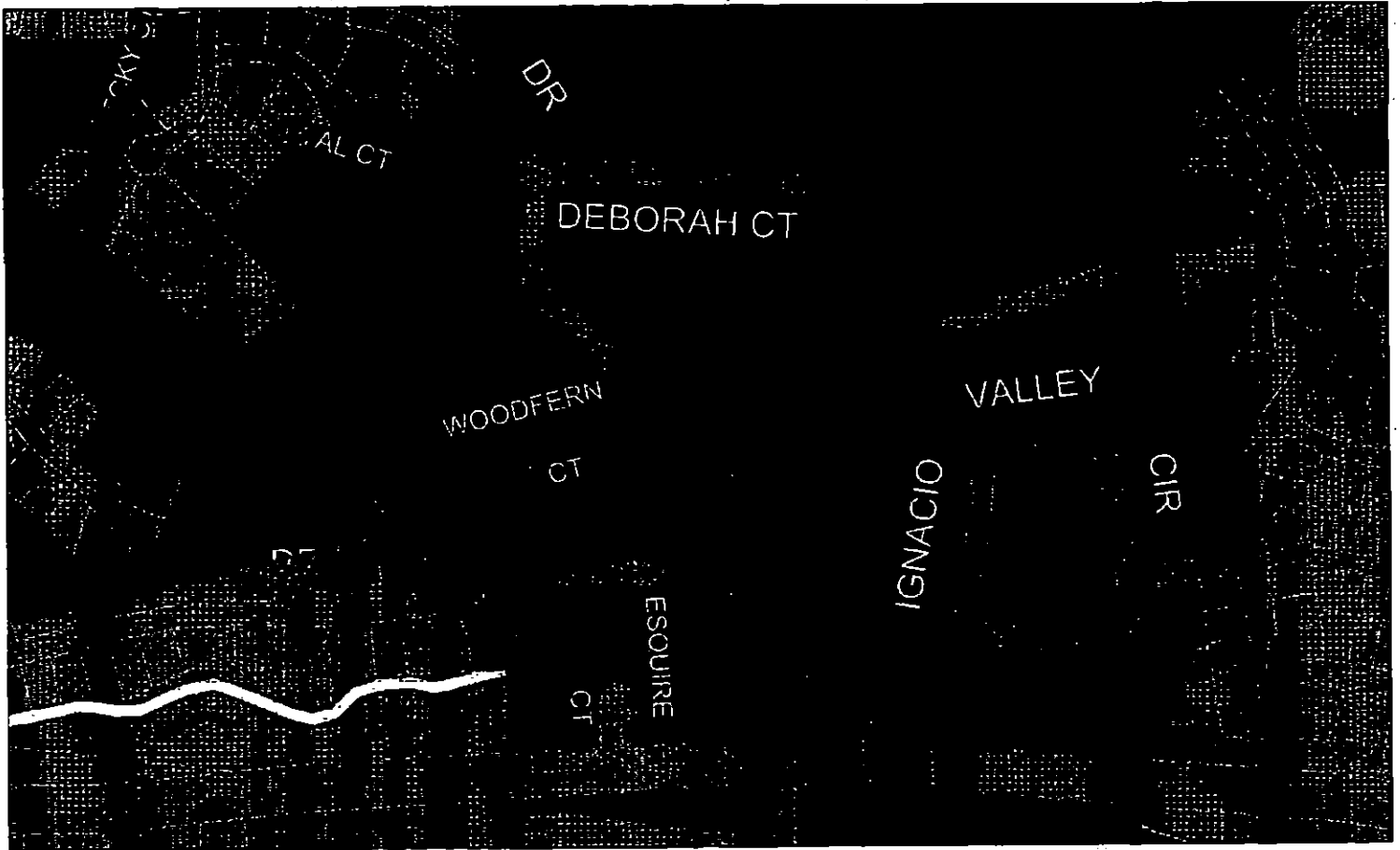
I am a citizen of the United States and a resident of the County of Marin. I am over the age of eighteen years and not a party to the within matter, my business address is: City of Novato, 75 Rowland Way, Novato, California. On June 29, 2012, I mailed the attached Notice to the owners of property as shown on the latest equalized Marin County Assessor's roll for each parcel number appearing on Exhibit "A" attached which list was compiled and prepared in accordance with the Zoning Ordinance requirements for such noticing.

I certify that the foregoing is true and correct.

Maggie Rufo  
Maggie Rufo

6/29/12  
Date

# 160-150-03 1110 Highland Ave



SCALE 1 : 4,341



158-040-06  
ZARRA NANCY L  
2 JAMISON CT  
NOVATO, CA 94949

158-040-07  
RAVANFAR VAHID  
1 GANEY CT  
NOVATO, CA 94949

158-040-08  
CURRENT RESIDENT  
5 GANEY CT  
NOVATO, CA94949

158-040-08  
PAILHE SEAN & ETAL PAILHE ANN  
43 SAN DOMINGO WAY  
NOVATO, CA 94945

158-040-09  
STEVEZ LYDIA  
9 GANEY CT  
NOVATO, CA 94949

158-040-10  
CURRENT RESIDENT  
10 GANEY CT  
NOVATO, CA94949

158-040-10  
REGAN LYNDA L  
351 HICKS VALLEY RD  
PETALUMA, CA 94952

158-040-11  
LOUGHRAN JOHN /TR/ & LOUGHRAN  
6 GANEY CT  
NOVATO, CA 94949

158-040-12  
MILLES MARY A /TR/  
2 GANEY CT  
NOVATO, CA 94949

158-040-13  
BENGA JOSEPH & WONG LINDA E  
21 ROWE RANCH DR  
NOVATO, CA 94949

158-040-14  
RYAN TIMOTHY F & RYAN KAREN  
25 ROWE RANCH DR  
NOVATO, CA 94949

158-040-15  
BOMBARDI CHERYL A  
29 ROWE RANCH DR  
NOVATO, CA 94949

158-040-16  
NIKOLAYEV ALEXANDER & KIRYUKH  
33 ROWE RANCH DR  
NOVATO, CA 94949

158-040-17  
CURRENT RESIDENT  
37 ROWE RANCH DR  
NOVATO, CA94949

158-040-17  
SYMMES WILLIAM & HUANG L  
233 RICHLAND AVE  
SAN FRANCISCO, CA 94110

158-040-18  
WELLS ELEANORA B  
41 ROWE RANCH DR  
NOVATO, CA 94949

158-040-19  
HOM LUCY /TR/  
44 ROWE RANCH DR  
NOVATO, CA 94949

158-040-20  
BRAKENSIEK TIMOTHY S & BR  
40 ROWE RANCH DR  
NOVATO, CA 94949

158-040-21  
SUBRAMANIAM SENTHIL & DURAI  
36 ROWE RANCH DR  
NOVATO, CA 94949

158-040-22  
CURRENT RESIDENT  
32 ROWE RANCH DR  
NOVATO, CA94949

158-040-22  
MILLER JULIE A  
PO BOX 151644  
SAN RAFAEL, CA 94915

158-040-23  
EVANS SCOTT D & EVANS TANYA  
26 ROWE RANCH DR  
NOVATO, CA 94949

158-040-24  
DE MARCO PERI /TR/  
22 ROWE RANCH DR  
NOVATO, CA 94949

158-040-25  
TSENG TOM S ETAL WU ALICE  
2 DONNELLY CT  
NOVATO, CA 94949

158-040-26  
MOORE STEPHEN C  
6 DONNELLY CT  
NOVATO, CA 94949

158-040-27  
CURRENT RESIDENT  
10 DONNELLY CT  
NOVATO, CA94949

158-040-27  
MANSUR LINDA  
15 RACCOON DR  
NOVATO, CA 94949

158-040-28  
HSU CECILIA /TR/  
14 DONNELLY CT  
NOVATO, CA 94949

158-040-29  
CURRENT RESIDENT  
18 ROWE RANCH DR  
NOVATO, CA94949

158-040-29  
GRAMS KARL R LUU SUKIEN  
4050 NE 204TH ST  
LAKE FOREST PARK

158-040-30  
CURRENT RESIDENT  
14 ROWE RANCH DR  
NOVATO, CA 94949

158-040-30  
GHAJAR AMIR  
19096 MOUNT JASPER DR  
NOVATO, CA 94947

158-040-31  
ERLINGSSON ATLE  
10 ROWE RANCH DR  
NOVATO, CA 94949

158-040-32  
CAPOBIANCO COLIN T & CAPOBIANCO WATERMAN LYSLE R & VIVIAN C  
6 ROWE RANCH DR  
NOVATO, CA 94949

158-040-34  
WATERMAN LYSLE R & VIVIAN C  
17 ROWE RANCH CT  
NOVATO, CA 94949

158-040-35  
BERLIN ELIZABETH M & PERLI  
21 ROWE RANCH CT  
NOVATO, CA 94949

158-040-45  
BELLETERRE OF NOVATO HOA  
2000 CROW CANYON RD  
SAN RAMON, CA 94583

160-150-03  
NATIVITY OF CHRIST GREEK ORTHODOX  
1110 HIGHLAND DR  
NOVATO, CA 94949

160-150-20  
HODH MOHAMMAD  
1 FAIRWAY DR  
NOVATO, CA 94949

160-150-64  
CURRENT RESIDENT  
1260 HIGHLAND DR  
NOVATO, CA 94949

160-421-01  
BASSO JOSEPH & BARBARA TRUST  
17 THUNDERBIRD DR  
NOVATO, CA 94949

160-421-01  
CURRENT RESIDENT  
950 IGNACIO BLVD  
NOVATO, CA 94949

160-421-02  
GEE JOHN B  
1 ESQUIRE CT  
NOVATO, CA 94949

160-421-03  
BULL RICHARD H  
5 ESQUIRE CT  
NOVATO, CA 94949

160-421-04  
LYONS CHRISTOPHER & LYONS  
7 ESQUIRE CT  
NOVATO, CA 94949

160-421-05  
MC MICKIN FAMILY REVOCABLE TRUST  
8 ESQUIRE CT  
NOVATO, CA 94949

160-421-06  
CLEAR PAMELA T & CLEAR JOHN  
6 ESQUIRE CT  
NOVATO, CA 94949

160-421-07  
ESHALMANI HADI Z & MARTINE  
4 ESQUIRE CT  
NOVATO, CA 94949

160-421-08  
CURRENT RESIDENT  
920 IGNACIO BLVD  
NOVATO, CA 94949

160-421-08  
DEVI NISCHALA J & DEVA BHASKAR  
5350 DEER VALLEY #2252  
PHOENIX

160-422-03  
RICHHORN MARY L TR  
945 IGNACIO BLVD  
NOVATO, CA 94949

160-422-04  
BURMASTER PAUL S /TR/ & BURMASTER  
10 FAIRWAY DR  
NOVATO, CA 94949

160-661-06  
SEAL GREGORY M /TR/ & SEAL VIC  
118 CRYSTAL CT  
NOVATO, CA 94947

160-661-07  
PETRANTO NANCY A /TR/  
117 CRYSTAL CT  
NOVATO, CA 94949

160-661-13  
TSAO HUNG-PING /TR/ & TSAO SHOKRETZ ARVID L JR /TR/ & KRETZ  
1151 HIGHLAND DR  
NOVATO, CA 94949

160-661-14  
KRETZ ARVID L JR /TR/ & TSAO SHOKRETZ  
1147 HIGHLAND DR  
NOVATO, CA 94949

160-662-01  
BENDL ANDREAS  
1143 HIGHLAND DR  
NOVATO, CA 94949

160-662-02  
CANNAN IRELAND L /TR/ & CANNAN  
1139 HIGHLAND DR  
NOVATO, CA 94949

160-662-03  
ENERLE STEPHEN & ENERLE SANDRA  
1135 HIGHLAND DR  
NOVATO, CA 94949

160-662-04  
KRAUSE JOHN & KRAUSE AIMI  
1131 HIGHLAND DR  
NOVATO, CA 94949

160-662-05 COLLINS JOHN O & COLLINS SAMAN 1127 HIGHLAND DR NOVATO, CA 94949	160-662-06 RUBINO MARIANO & PETERSON GABRI 1123 HIGHLAND DR NOVATO, CA 94949	160-663-01 BOIVIE ROBERT H & BOIVIE DI 1120 HIGHLAND DR NOVATO, CA 94947
160-663-02 DARICK ARLENE A & KASTURA LA 1124 HIGHLAND DR NOVATO, CA 94947	160-663-03 CURRENT RESIDENT 1128 HIGHLAND DR NOVATO, CA 94949	160-663-03 SALEH PAUL E 34 ARGUELLO CIR SAN RAFAEL, CA 94901
160-663-04 JACOBS BARBARA J 1132 HIGHLAND DR NOVATO, CA 949495481	160-663-05 LOGIUDICE JONATHAN & SOFIA LI 200 DEBORAH CT NOVATO, CA 94949	160-663-06 KELLY MICHAEL L /TR/ & KELL 204 DEBORAH CT NOVATO, CA 94949
160-663-07 FADEEVA ELENA 208 DEBORAH CT NOVATO, CA 94949	160-663-08 SHARPE JAMES A TR & SHARPE ELI 212 DEBORAH CT NOVATO, CA 94949	160-663-09 ABBASSI MOHAMMAD H TR & 216 DEBORAH CT NOVATO, CA 94949
160-664-01 CURRENT RESIDENT 221 DEBORAH CT NOVATO, CA 94949	160-664-01 EZAD INC PO BOX 808 NOVATO, CA 94948	160-664-02 NECHAY RUSIAN N & NECHAY 217 DEBORAH CT NOVATO, CA 94949
160-664-03 CURRENT RESIDENT 213 DEBORAH CT NOVATO, CA 94949	160-664-03 SINCLAIR RONALD C TR 450 REDWOOD RD SAN ANSELMO, CA 94960	160-664-04 CURRENT RESIDENT 209 DEBORAH CT NOVATO, CA 94949
160-664-04 JAMSHEED ERAN TR 209 DEBRA CT NOVATO, CA 94949	160-664-05 MAROUFI NASER & MAROUFI MAN 205 DEBORAH CT NOVATO, CA 94949	160-664-06 ANDERSEN JEAN & ANDERSEN 201 DEBORAH CT NOVATO, CA 94949
160-665-01 LITRELL WALTER /TR/ & WISE-LI 1146 HIGHLAND DR NOVATO, CA 94949	160-665-02 DE MARTINI STEPHEN W & DE MAR 1150 HIGHLAND DR NOVATO, CA 94949	160-760-01 CREATING ELENA 100 IGNACIO VALLEY CIR NOVATO, CA 94949
160-760-04 KINSLER DIANE L 112 IGNACIO VALLEY CIR NOVATO, CA 94949	160-760-05 MURPHY VICTORIA G 116 IGNACIO VALLEY CIR NOVATO, CA 94949	160-760-06 NEUBERGER DALIAH 120 IGNACIO VALLEY CIR NOVATO, CA 94949
160-760-07 CORTEZ JASON & CROWE JILL 124 IGNACIO VALLEY CIR NOVATO, CA 94949	160-760-08 CURRENT RESIDENT 128 IGNACIO VALLEY CIR NOVATO, CA 94949	160-760-08 SCHNEIDERMAN MARINA ETAI 3500 FULTON ST #11 SAN FRANCISCO, CA 94118

160-760-09 JONES THEODORE J /TR/ & JONES 134 IGNACIO VALLEY CIR NOVATO, CA 94949	160-760-10 BUSH CHRISTOPHER P & BUSH ADRIANA CHARLES J & TRAINA I 138 IGNACIO VALLEY CIR NOVATO, CA 94949	160-760-11 BUSH ADRIANA CHARLES J & TRAINA I 142 IGNACIO VALLEY CIR NOVATO, CA 94949
160-760-12 CURRENT RESIDENT 146 IGNACIO VALLEY CIR NOVATO, CA 94949	160-760-12 QUAN LAWRENCE 945 LEAVENWORTH ST SAN FRANCISCO, CA 94109	160-760-13 CURRENT RESIDENT 150 IGNACIO VALLEY CIR NOVATO, CA 94949
160-760-13 HUNG CHI-WEN /TR/ & HUNG SHU-BO 8 HAWKS HILL CT OAKLAND, CA 94618	160-760-14 MC GRATH JAMES T 154 IGNACIO VALLEY CIR NOVATO, CA 94949	160-760-15 CHEN HSIAO L 158 IGNACIO VALLEY CIR NOVATO, CA 94949
160-760-16 BRAMANTE RICHARD C & BRAMANTE 35 FAIRWAY DR NOVATO, CA 94949	160-760-16 CURRENT RESIDENT 162 IGNACIO VALLEY CIR NOVATO, CA 94949	160-760-17 MC GRATH PATRICIA F 2008 TR 166 IGNACIO VALLEY CIR NOVATO, CA 94949
160-760-18 BARBIER HARRY E & ETAL BONILL 170 IGNACIO VALLEY CIR NOVATO, CA 94949	160-760-19 KOEHN CYNTHIA J /TR/ 174 IGNACIO VALLEY CIR NOVATO, CA 94949	160-760-20 BOTT LAWRENCE R & BOTT LU 178 IGNACIO VALLEY CIR NOVATO, CA 94949
160-760-21 GIUNTI JO-ANN L TR 182 IGNACIO VALLEY CIR NOVATO, CA 94949	160-760-22 CURRENT RESIDENT 186 IGNACIO VALLEY CIR NOVATO, CA 94949	160-760-22 HUNDAL RANJIT S ETAL HUND 608 KIRKLAND AVE VALLEJO, CA 94592
160-760-23 BAKER STEVEN W & BAKER LOUISE 190 IGNACIO VALLEY CIR NOVATO, CA 94949	160-760-24 CURRENT RESIDENT 194 IGNACIO VALLEY CIR NOVATO, CA 94949	160-760-24 WHITAKER TRUST WHITAKER 341 FAIRWAY DR NOVATO, CA 94949
160-760-25 GORODETZKI SOFIA 198 IGNACIO VALLEY CIR NOVATO, CA 94949	160-760-26 JEUNG ALICE /TR/ 202 IGNACIO VALLEY CIR NOVATO, CA 94949	160-760-27 VATTUONE YVONNE L REVOC 206 IGNACIO VALLEY CIR NOVATO, CA 94949
160-760-28 MUSSATO RAYMOND F & MUSSATO 210 IGNACIO VALLEY CIR NOVATO, CA 94949	160-760-29 COUDICE JONATHAN 214 IGNACIO VALLEY CIR NOVATO, CA 94949	160-760-30 FARBSTEIN ALLAN M /TR/ & FA 218 IGNACIO VALLEY CIR NOVATO, CA 94949
160-760-31 LEHMANN TERESA A 222 IGNACIO VALLEY CIR NOVATO, CA 94945	160-760-32 O SHEA MATTHEW M & O SHEA DANE 226 IGNACIO VALLEY CIR NOVATO, CA 94949	160-760-33 DE VASQUEZ JACQUELINE R F 230 IGNACIO VALLEY CIR NOVATO, CA 94949

160-760-34  
BORN DANIEL P  
234 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-35  
SMITH BRADFORD M & HAWKINS-SMIDIRKA VINCENT & KUDIRKA/  
238 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-36  
SMIDIRKA VINCENT & KUDIRKA/  
242 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-37  
TUFO ANTHONY J /TR/ & PEISSON  
246 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-38  
TARASOV VADIM & TARASOV LARISA  
250 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-39  
HARRISON SHARON L /TR/  
254 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-40  
WALSH JOSEPHINE A /TR/ & WALSH  
258 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-41  
SCHNEIDER JANET TR  
262 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-42  
COPE WILLIAM L /TR/  
266 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-43  
BONDANZA JOSEPH L TR & BONDANZA  
9 PENSACOLA CT  
NOVATO, CA 94949

160-760-43  
CURRENT RESIDENT  
270 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-44  
HERNANDEZ RUDOLPH /TR/ HE  
274 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-45  
EDDY SELWYN III & EDDY NANCY  
278 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-46  
CURRENT RESIDENT  
282 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-46  
WALTERS CASEY WALTERS GE  
4140 REDWOOD HWY  
SAN RAFAEL, CA 94903

160-760-47  
GREENE RICHARD D & GREENE LINDA  
286 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-48  
PHILLIPS ANN B  
290 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-49  
ASHE JON M  
294 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-50  
CURRENT RESIDENT  
298 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-50  
SNYDER ANNE B REVOC TRUST 2000  
19547 REEDWOOD DR  
MONTE RIO, CA 95462

160-760-51  
CURRENT RESIDENT  
302 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-51  
YEN HSIANG-CHIH & YEN WEN-WEN  
682 A CHURCH ST  
SAN FRANCISCO, CA 94114

160-760-52  
GUSTAFSON GARY W & GUSTAFSON  
306 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-53  
JENKINS THOMAS F /TR/ & JENI  
310 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-54  
RANDALL SCOTT A & RANDALL ANNE  
314 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-55  
BERG BETTY G  
318 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-56  
HEALY JOHN D /TR/ ETAL HEAL  
322 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-57  
CURRENT RESIDENT  
326 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-57  
EGAN TIMOTHY J & DONNA R 1992  
234 N SAN PEDRO RD  
SAN RAFAEL, CA 94903

160-760-58  
NUMAINVILLE THOMAS A /TR/  
330 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-59  
CURRENT RESIDENT  
334 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-59  
OPFERMAN GLORIA L /TR/ OPFERMAN  
PO BOX 575  
LINCOLN, CA 95648

160-760-60  
CURRENT RESIDENT  
325 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-60  
MARIN GLEN HOMEOWNERS ASSN  
PO BOX 1173  
NOVATO, CA 94948

160-760-61  
TORRES MARIO & TORRES JACQUELINE  
315 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-62  
MANISCALCO JOSEPH J TR ET AL  
305 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-63  
HO GLORIA J & DONESKY MYRON  
275 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-64  
DUFFEY LYDIA B /TR/  
267 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-65  
JOHNSON FLORENCE A TR  
263 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-66  
ROYTMAN MAYA M /TR/  
131 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-67  
BEHR TIMOTHY H /TR/  
139 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-68  
DUVERNE ISABELLE  
135 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-69  
ROSENBERG SURVIVORS TR ET AL  
259 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-70  
WEISS VIRGINIA TR  
255 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-71  
DENKO E EUGENE & DENKO DORIS  
247 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-72  
CURRENT RESIDENT  
243 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-72  
KING ALVIN M TR & ETAL KING IRIS  
119 LUCAS PARK DR  
SAN RAFAEL, CA 94903

160-760-73  
KRUGER CARLA  
145 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-74  
KUMMERFELDT GAYLE TRUST 2001  
141 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-75  
CURRENT RESIDENT  
153 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-75  
KING ALVIN M /TR/ & KING IRIS  
119 LUCAS PARK DR  
SAN RAFAEL, CA 94903

160-760-76  
BAGLEY LYNN L  
149 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-77  
ARNOLD MARY A W  
239 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-78  
CURRENT RESIDENT  
235 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-78  
GROTJAHN ANTHONY /TR/  
7075 REDWOOD BOULEVARD STE I  
NOVATO, CA 94945

160-760-79  
BERKOV JEREL & BERKOV MARIA  
205 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-80  
CURRENT RESIDENT  
195 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-760-80  
JONES EMERY & NANCY A TRUST  
320 OLIVE AVE  
NOVATO, CA 94945

160-760-81  
PETROPOULOS BARBARA J TR  
175 IGNACIO VALLEY CIR  
NOVATO, CA 94949

160-871-07  
SMITH CHESTER NON-GST EXE  
35 PALMER DR  
NOVATO, CA 94949

160-871-08 ROBERT E VALENTINO LIVING TRUST 39 PALMER DR NOVATO, CA 94949	160-871-09 GATES SCOTT & GATES CHRISTINA 43 PALMER DR NOVATO, CA 94949	160-871-12 CLEARY KEVIN M /TR/ & CLEAR 31 PALMER DR NOVATO, CA 94949
160-871-13 CONNAUGHTON FAMILY TRUST 2008 27 PALMER DR NOVATO, CA 94949	160-871-14 MURKINS JENNIFER FALLA 23 PALMER DR NOVATO, CA 94949	160-910-01 DUNCAN ROBERT & DUNCAN F 56 LAURELWOOD DR NOVATO, CA 94949
160-910-02 BLAKENEY AMY E /TR/ PO BOX 2575 SAN RAFAEL, CA 94912	160-910-02 CURRENT RESIDENT 60 LAURELWOOD DR NOVATO, CA 94949	160-910-05 SCHROEDER WILLIAM M /TR/ & 45 LAURELWOOD DR NOVATO, CA 94949
160-910-06 CURRENT RESIDENT 49 LAURELWOOD DR NOVATO, CA 94949	160-910-06 PEDERSEN DANIELA 756 24TH AVE SAN FRANCISCO, CA 94121	160-920-01 HOLLIDAY PETER 1103 HIGHLAND DR NOVATO, CA 94949
160-920-02 BYRAM TROY D & BYRAM LISA L 3 WOODFERN CT NOVATO, CA 94949	160-920-03 CURRENT RESIDENT 4 WOODFERN CT NOVATO, CA 94949	160-920-03 WEISMAN ILYA /TR/ WEISMAN 25 WIMBLEDON CT NOVATO, CA 94949
160-920-04 CONE CHARLES F & CONE SUSAN 8 WOODFERN CT NOVATO, CA 94949	160-920-05 MILLER MARVIN B /TR/ & MILLER 12 WOODFERN CT NOVATO, CA 94949	160-920-06 ALLIEGRO PAUL & ALLIEGRO N 16 WOODFERN CT NOVATO, CA 94949
160-920-07 NEU DONALD E /TR/ & NEU NANCY 20 WOODFERN CT NOVATO, CA 94949	160-920-08 COPPIN AL /TR/ 1355 N DUTTON AVE SANTA ROSA, CA 95401	160-920-08 CURRENT RESIDENT 23 WOODFERN CT NOVATO, CA 94949
160-920-09 GALUSHA TIMOTHY S /TR/ & GALUSHA 19 WOODFERN CT NOVATO, CA 94949	160-920-10 MOCK TIMOTHY & MOCK TAMERATA 15 WOODFERN CT NOVATO, CA 94949	160-920-11 TAGOL ALEXANDER S & TAGOL 11 WOODFERN CT NOVATO, CA 94949
160-920-12 FARBER TODD /TR/ & FARBER ERIN 7 WOODFERN CT NOVATO, CA 94949	160-920-13 MENGELBERG MARK R /TR/ & MENDONCE 24 LAURELWOOD DR NOVATO, CA 94949	160-920-14 MIGALE PETER J & MIGALE ST 28 LAURELWOOD DR NOVATO, CA 94949
160-920-15 LESHIN IRA & LESHIN SOPHIA 32 LAURELWOOD DR NOVATO, CA 94949	160-920-16 CURRENT RESIDENT 36 LAURELWOOD DR NOVATO, CA 94949	160-920-16 MIOT SANDRA /TR/ 500 PALM DR SUITE 103 NOVATO, CA 94949

160-920-17 FALCAO MARIO E & FALCAO CHARMA 40 LAURELWOOD DR NOVATO, CA 94949	160-920-18 MATCH CHRISTOPHER G /TR/ & HANNAH 44 LAURELWOOD DR NOVATO, CA 94949	160-920-19 BRINDLEY RAY & BRINDLEY M 48 LAURELWOOD DR NOVATO, CA 94949
160-920-20 PIAZZA FRANK A /TR/ PIAZZA ROS 52 LAURELWOOD DR NOVATO, CA 94949	160-920-21 CITY OF NOVATO 75 ROWLAND WAY #200 NOVATO, CA 949455054	160-920-22 ZACK JOSEPH C /TR/ & ZACK C 21 LAURELWOOD DR NOVATO, CA 94949
160-920-23 REDIG EUGENE D BELL TRACY 20 LAURELWOOD DR NOVATO, CA 94949	160-930-05 CURRENT RESIDENT 9 LAURELWOOD DR NOVATO, CA 94949	160-930-05 LIANG WESLEY ETAL YIP PUI Y 50 OAK VALLEY DR NOVATO, CA 94947
160-930-06 SHEPARD DAVID C & SHEPARD TRACY 11 LAURELWOOD DR NOVATO, CA 94949	160-930-07 ROJAS VICTOR M & ROJAS JANET 17 LAURELWOOD DR NOVATO, CA 94949	160-930-08 YHISHMEH SPIRO J & JOBRANI S 10 LAURELWOOD DR NOVATO, CA 94949
160-930-09 PARKS WALTER /TR/ & PARKS KAREN 2 SILVER MAPLE PL NOVATO, CA 94949	160-930-10 KIRBY MICHAEL & KIRBY JAYNIE 6 SILVER MAPLE PL NOVATO, CA 94949	160-930-11 ILU CHUANYI & BAO XUPING 10 SILVER MAPLE PL NOVATO, CA 94949
160-930-12 DONNELLAN DOUGLAS /TR/ CELAY 14 SILVER MAPLE PL NOVATO, CA 94949	160-930-13 WILLIAMS JOHN R & WILLIAMS KATHLEEN 9 SILVER MAPLE PL NOVATO, CA 94949	160-930-14 LOPEZ JOSEPH J & LOPEZ THERESA 5 SILVER MAPLE PL NOVATO, CA 94949
160-930-15 CRUSE BRYCE & CRUSE SHARI 16 LAURELWOOD DR NOVATO, CA 94949	Chris Charlton Delta Groups Engineers 5635 W Las Positas Blvd. Pleasanton, CA 94588	Superintendent NUSD 1015 Seventh Street Novato, CA 94945-2228
Novato Advance PO Box 8 Novato, CA 94948-0009	North Marin Water District Attention: Drew McIntyre P.O. Box 146 Novato, CA 94948	Marin Independent Journal 4000 Civic Center Drive San Rafael, CA 94903
Marin County Library Novato Branch 1720 Novato Boulevard Novato, CA 94947	PG&E Service Planning Dept. 1220 Andersen Drive San Rafael, CA 94901	Novato Sanitary District 500 Davidson Street Novato, California 94945
Novato Fire Protection District 95 Rowland Way Novato, CA 94945	Comcast 737 Southpoint Blvd # H Petaluma, CA 94954-7462	Verizon 430 W. Center St Manteca, CA 95336

Marin County Open Space District  
Marin County Civic Center  
3501 Civic Center Drive, Room 415  
San Rafael, CA 94903

Marin County Flood Control District  
Room 304 Civic Center Drive  
P. O. Box 4186  
San Rafael, CA 94913-4186

Horizon Cable  
Attn: Kevin Daniel  
PO Box 937  
Fairfax, CA 94978

AT&T  
Attn: John Smoot  
2741 N. Main St.  
Walnut Creek, CA 94597

City Council Member  
(In House)

City Council Member  
(In House)

City Council Member  
(In House)

Mayor  
(In House)

Mayor Pro Tem  
(In House)

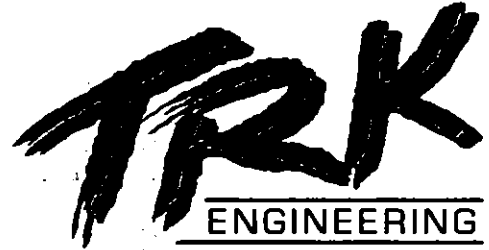
City Clerk  
(In House)

Lori Simpkins  
Community Services  
(In House)

City Manager  
(In House)

Lyn Kael  
Senior Administrative Clerk  
(In House)

Web Site  
(In House)



**FEDERAL COMMUNICATIONS COMMISSION (FCC)  
COMPLIANCE STUDY ON  
RADIO FREQUENCY  
ELECTROMAGNETIC FIELDS EXPOSURE**

**Prepared for:**



**CNU0543  
IGNACIO BLVD - ESQUIRE CT  
1110 HIGHLAND DR  
NOVATO  
CA 94949**

**NOVEMBER 24/11, REV. 0**

**SITE DESCRIPTION:**

<b>Carrier:</b>	AT&T		
<b>Site Address:</b>	1110 Highland Dr., Novato, CA 94949		
<b>Type of Service:</b>	i) GSM	ii) UMTS	iii) LTE
<b>Sectors:</b>	3 (80°, 260°, 170°)		
<b>Antenna Type:</b>	i) & ii) Kathrein 742-264	iii) Kathrein 800-10764	
<b>Number of Antennas:</b>	9 (3 sector)		
<b>Frequencies (GHz):</b>	i) & ii) 850/1900	iii) 704/AWS	
<b>Maximum Power (ERP):</b>	i) & ii) 1890/3000 W	iii) 950/1500 W	
<b>Antenna Height:</b>	23', 24', 39'± (Radiation center AGL)		

**Table 1.** AT&T RF summary

AT&T is proposing to modify its existing wireless communication facility located at the Nativity of Christ Greek Orthodox Church (Figure 1). Three new LTE panel antennas will be installed behind screens on the exterior walls of the church building. Six existing screened antennas will continue to provide GSM and UMTS services. Access to the facility is restricted to authorized personnel only.



**Figure 1.** Facility and surrounding area

There is one other wireless telecommunication facility co-locating on the same building. The RF information is summarized in Table 2.

<b>Carrier:</b>	Sprint
<b>Type of Service:</b>	1900 MHz CDMA
<b>Antenna Type:</b>	EMS RR65-18-XXPDL2 (typical)
<b>Number of Antennas:</b>	3 (1 per sector)
<b>Maximum Power:</b>	1000 W (Maximum ERP per sector)
<b>Antenna Height:</b>	23'± (Radiation center AGL)

Table 2. Sprint RF summary

**PROTOCOL:**

This study, and the calculations performed therein, is based on OET Bulletin 65<sup>1</sup> which adopts ANSI C95.1-1992 and NCRP standards. In particular, equation 10 from section 2 of the guideline is used as a model (in conjunction with known antenna radiation patterns) for calculating the power density at different points of interest. This information will be used to judge the RF exposure level incident upon the general population, and any employee present in the area. It should be noted that ground reflection of RF waves has been taken into account.

**FCC'S MAXIMUM PERMISSIBLE EXPOSURE (MPE) LIMIT:**

In order to evaluate the RF exposure level, the power densities at different locations of interest have been examined. Equation 10 from Bulletin 65 is reproduced here as equation 1:

$$S = \frac{33.4F^2 ERP}{R^2} \quad (1)$$

- Where:
- S = Power density [ $\mu W/cm^2$ ]
  - ERP = Effective radiated power [W]
  - R = Distance [m]
  - F = Relative field factor (relative numeric gain)

**Scenario 1: Standing near the facility on street level**

The RF exposure level of a six-foot tall person standing on street level close to the facility is evaluated. For the worst-case scenario, we assume that all the antennas are transmitting the maximum number of channels at the same time, with each channel at its maximum power level. In addition, the azimuths of both carriers are assumed to be in the direction of the studied location. Please refer to scenario 1 in appendix A for the complete geometry and analysis. The highest exposure location is found to be approximately 18' from the building. The calculations of maximum cumulative power density are summarized in Table 3.

<sup>1</sup> Cleveland, Robert F, et al. Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields. OET Bulletin 65, Edition 97-01, August 1997.

Service	Max. ERP	F <sup>2</sup>	R (m)	S (μW/cm <sup>2</sup> ) (from eq. 1)	MPE %
AT&T 850 GSM/UMTS	1890 W	-11 dB (0.0794)	7.8	82.3834	14.2040
AT&T 1900 GSM/UMTS	3000 W	-15 dB (0.0316)	7.8	52.0434	5.2043
AT&T LTE 700	950 W	-18 dB (0.0158)	7.8	8.2402	1.7570
AT&T LTE AWS	1500 W	-18 dB (0.0158)	7.8	13.0108	1.3011
Sprint	1000 W	-22 dB (0.0063)	7.8	3.4586	0.3459
Total					22.8123

**Table 3.** Worst-case predicted power density values for scenario 1.

The Maximum Permissible Exposure (MPE) limit for 1900 MHz and 2100 MHz facilities<sup>2</sup> for general population/uncontrolled exposure is 1000 μW/cm<sup>2</sup>, 580 μW/cm<sup>2</sup> for 850 MHz facilities<sup>3</sup>, and 469 μW/cm<sup>2</sup> for 700 MHz facilities<sup>4</sup>. The maximum cumulative power density is calculated to be 22.8% of the MPE limit.

Scenario 2: Nearby building rooftops

There are various types of buildings in the surrounding area. The RF exposure levels on nearby building rooftops are evaluated. We assume again, all antennas within a sector are transmitting with maximum power level. Please refer to scenario 2 in appendix A for the analysis. The highest exposure location is on the rooftop of a building west of the facility. The calculations for the maximum possible power density are summarized in Table 4.

Service	Max. ERP	F <sup>2</sup>	R (m)	S (μW/cm <sup>2</sup> ) (from eq. 1)	MPE %
AT&T 850 GSM/UMTS	1890 W	0 dB (1.0000)	79.5	9.9879	1.7221
AT&T 1900 GSM/UMTS	3000 W	-2 dB (0.6310)	79.5	10.0037	1.0004
AT&T LTE 700	950 W	0 dB (1.0000)	79.5	5.0204	1.0704
AT&T LTE AWS	1500 W	-1 dB (0.7943)	79.5	6.2963	0.6296
Sprint	1000 W	-3 dB (0.5012)	79.5	2.6486	0.2649
Total					4.6874

**Table 4.** Worst-case predicted power density values for scenario 2.

The maximum cumulative power density is calculated to be 4.7% of the MPE limit. There is a relatively low level of RF energy directed either above or below the horizontal plane of the antennas, and there are no locations in the surrounding areas near the facility that will have RF exposure levels close to the MPE limit.

Conclusion:

Under “worst-case” conditions, the calculations shown above predict that the maximum possible RF exposure is 22.8% of the MPE limit for general population/uncontrolled exposure. There will be less RF exposure on the ground level or nearby buildings as a person moves away from the site. Therefore, the proposed modifications to the AT&T facility will comply with the general population/uncontrolled limit.

<sup>2</sup> Ibid., page 67.

<sup>3</sup> Ibid.

<sup>4</sup> Ibid.

**RF SAFETY SIGNS:**

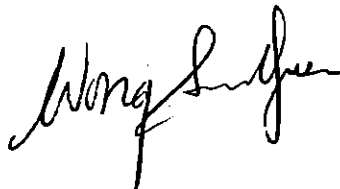
An Information Sign as shown in the appendix should be maintained at the facility.

**FCC COMPLIANCE:**

The general population/uncontrolled exposure near the antennas, including persons on the street level, in nearby open areas, and inside or on existing nearby buildings will have RF exposure much lower than the “worst-case” scenario, which is only a small percentage of the MPE limit.

As for trained persons or transient workers, they will be made fully aware of the potential for RF exposure and can choose to exercise control over their exposure that is within the occupational/controlled limits.

The modified site will operate within the current acceptable thresholds as established by FCC.

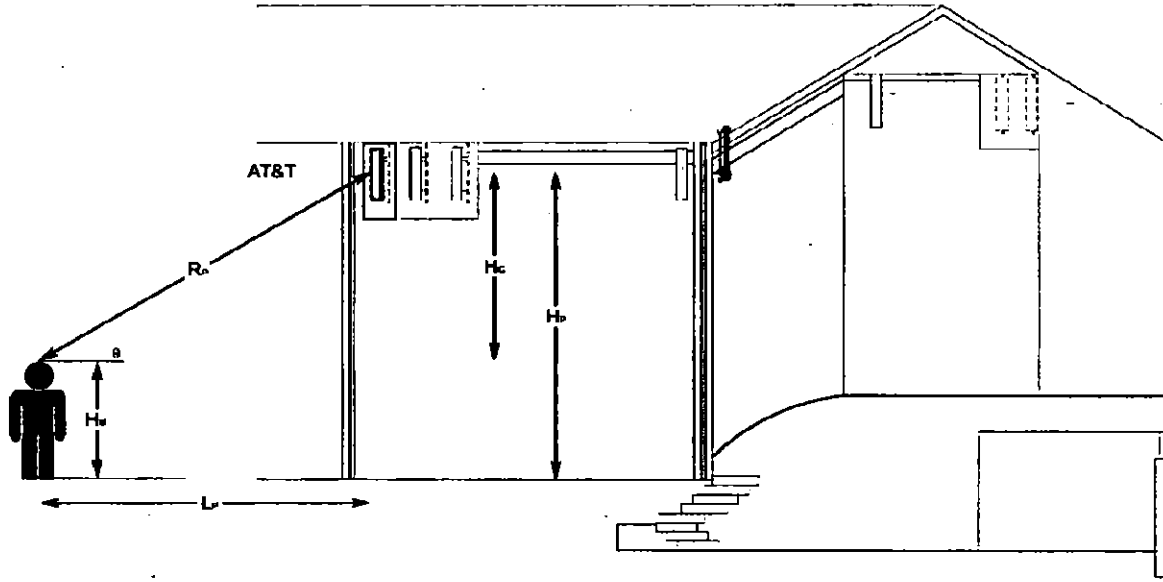


November 24, 2011

Sei Yuen Sylvan Wong, PE  
California PE Reg. No. E 16850

APPENDIX A

Scenario 1: Surrounding Area of the Facility



person's height ( $H_m$ ) = 6 ft  
Antennas elevation = 117 ft

Horizontal distance from antennas  $L_p$  is 18 ft at  $\Theta = 45^\circ$  Elevation above sea level: 116 feet

Service Provider	Height $H_G$ , ft	Height $H_P$ , ft	Max. ERP	Angle $\Theta$	$F^2$	$R_p$ (m)	S ( $\mu W/cm^2$ )	MPE%
AT&T 850 MHz GSM/UMTS	23.00	18.00	1890.0	$\Theta = 45^\circ$	-11 dB ( 0.0794 )	7.8	82.3834	14.2040
AT&T 1900 MHz GSM/UMTS	23.00	18.00	3000.0	$\Theta = 45^\circ$	-15 dB ( 0.0318 )	7.8	52.0434	5.2043
AT&T LTE 700	23.00	18.00	950.0	$\Theta = 45^\circ$	-18 dB ( 0.0158 )	7.8	8.2402	1.7570
AT&T LTE AWS	23.00	18.00	1500.0	$\Theta = 45^\circ$	-18 dB ( 0.0158 )	7.8	13.0108	1.3011
Sprint	23.00	18.00	1000.0	$\Theta = 45^\circ$	-22 dB ( 0.0083 )	7.8	3.4588	0.3459
<b>Total</b>								22.8123

Horizontal distance from antennas  $L_p$  is 21 ft at  $\Theta = 42^\circ$  Elevation above sea level: 115 feet

Service Provider	Height $H_G$ , ft	Height $H_P$ , ft	Max. ERP	Angle $\Theta$	$F^2$	$R_p$ (m)	S ( $\mu W/cm^2$ )	MPE%
AT&T 850 MHz GSM/UMTS	23.00	19.00	1890.0	$\Theta = 42^\circ$	-12 dB ( 0.0631 )	8.6	53.8568	9.2857
AT&T 1900 MHz GSM/UMTS	23.00	19.00	3000.0	$\Theta = 42^\circ$	-15 dB ( 0.0316 )	8.6	42.8112	4.2811
AT&T LTE 700	23.00	19.00	950.0	$\Theta = 42^\circ$	-17 dB ( 0.0200 )	8.6	8.5803	1.8295
AT&T LTE AWS	23.00	19.00	1500.0	$\Theta = 42^\circ$	-18 dB ( 0.0158 )	8.6	10.7028	1.0703
Sprint	23.00	19.00	1000.0	$\Theta = 42^\circ$	-22 dB ( 0.0083 )	8.6	2.8451	0.2845
<b>Total</b>								16.7511

Horizontal distance from antennas  $L_p$  is 35 ft at  $\Theta = 28^\circ$  Elevation above sea level: 115 feet

Service Provider	Height $H_G$ , ft	Height $H_P$ , ft	Max. ERP	Angle $\Theta$	$F^2$	$R_p$ (m)	S ( $\mu W/cm^2$ )	MPE%
AT&T 850 MHz GSM/UMTS	23.00	19.00	1890.0	$\Theta = 28^\circ$	-15 dB ( 0.0316 )	12.1	13.8246	2.3491
AT&T 1900 MHz GSM/UMTS	23.00	19.00	3000.0	$\Theta = 28^\circ$	-23 dB ( 0.0050 )	12.1	3.4219	0.3422
AT&T LTE 700	23.00	19.00	950.0	$\Theta = 28^\circ$	-11 dB ( 0.0794 )	12.1	17.2076	3.6890
AT&T LTE AWS	23.00	19.00	1500.0	$\Theta = 28^\circ$	-22 dB ( 0.0083 )	12.1	2.1556	0.2156
Sprint	23.00	19.00	1000.0	$\Theta = 28^\circ$	-21 dB ( 0.0079 )	12.1	1.8022	0.1802
<b>Total</b>								6.7561

Horizontal distance from antennas  $L_p$  is 51 ft at  $\Theta = 22^\circ$  Elevation above sea level: 113 feet

Service Provider	Height $H_G$ , ft	Height $H_P$ , ft	Max. ERP	Angle $\Theta$	$F^2$	$R_p$ (m)	S ( $\mu W/cm^2$ )	MPE%
AT&T 850 MHz GSM/UMTS	23.00	21.00	1890.0	$\Theta = 22^\circ$	-15 dB ( 0.0316 )	16.8	7.0677	1.2188
AT&T 1900 MHz GSM/UMTS	23.00	21.00	3000.0	$\Theta = 22^\circ$	-26 dB ( 0.0025 )	16.8	0.8875	0.0888
AT&T LTE 700	23.00	21.00	950.0	$\Theta = 22^\circ$	-11 dB ( 0.0794 )	16.8	8.9263	1.8033
AT&T LTE AWS	23.00	21.00	1500.0	$\Theta = 22^\circ$	-26 dB ( 0.0025 )	16.8	0.4438	0.0444
Sprint	23.00	21.00	1000.0	$\Theta = 22^\circ$	-17 dB ( 0.0200 )	16.8	2.3668	0.2367
<b>Total</b>								3.4918

Horizontal distance from antennas Lp is 76 ft at  $\Theta = 18^\circ$  Elevation above sea level: 109 feet

Service Provider	Height H <sub>o</sub> , ft	Height H <sub>p</sub> , ft	Max. ERP	Angle $\Theta$	F <sup>2</sup>	R <sub>p</sub> (m)	S (μW/cm <sup>2</sup> )	MPE%
AT&T 850 MHz GSM/UMTS	23.00	25.00	1890.0	$\Theta = 18^\circ$	-18 dB ( 0.0158 )	24.4	1.6753	0.2888
AT&T 1900 MHz GSM/UMTS	23.00	25.00	3000.0	$\Theta = 18^\circ$	-21 dB ( 0.0079 )	24.4	1.3296	0.1330
AT&T LTE 700	23.00	25.00	950.0	$\Theta = 18^\circ$	-15 dB ( 0.0316 )	24.4	1.6841	0.3591
AT&T LTE AWS	23.00	25.00	1500.0	$\Theta = 18^\circ$	-20 dB ( 0.0025 )	24.4	0.2104	0.0210
Sprint	23.00	25.00	1000.0	$\Theta = 18^\circ$	-18 dB ( 0.0251 )	24.4	1.4081	0.1408
<b>Total</b>								<b>0.9427</b>

Horizontal distance from antennas Lp is 122 ft at  $\Theta = 18^\circ$  Elevation above sea level: 98 feet

Service Provider	Height H <sub>o</sub> , ft	Height H <sub>p</sub> , ft	Max. ERP	Angle $\Theta$	F <sup>2</sup>	R <sub>p</sub> (m)	S (μW/cm <sup>2</sup> )	MPE%
AT&T 850 MHz GSM/UMTS	23.00	36.00	1890.0	$\Theta = 18^\circ$	-13 dB ( 0.0501 )	38.8	2.1008	0.3822
AT&T 1900 MHz GSM/UMTS	23.00	36.00	3000.0	$\Theta = 18^\circ$	-17 dB ( 0.0200 )	38.8	1.3312	0.1331
AT&T LTE 700	23.00	36.00	950.0	$\Theta = 18^\circ$	-18 dB ( 0.0251 )	38.8	0.5290	0.1128
AT&T LTE AWS	23.00	36.00	1500.0	$\Theta = 18^\circ$	-20 dB ( 0.0100 )	38.8	0.3328	0.0333
Sprint	23.00	36.00	1000.0	$\Theta = 18^\circ$	-18 dB ( 0.0251 )	38.8	0.5569	0.0557
<b>Total</b>								<b>0.6971</b>

Horizontal distance from antennas Lp is 151 ft at  $\Theta = 16^\circ$  Elevation above sea level: 91 feet

Service Provider	Height H <sub>o</sub> , ft	Height H <sub>p</sub> , ft	Max. ERP	Angle $\Theta$	F <sup>2</sup>	R <sub>p</sub> (m)	S (μW/cm <sup>2</sup> )	MPE%
AT&T 850 MHz GSM/UMTS	23.00	43.00	1890.0	$\Theta = 16^\circ$	-13 dB ( 0.0501 )	47.9	1.3784	0.2377
AT&T 1900 MHz GSM/UMTS	23.00	43.00	3000.0	$\Theta = 16^\circ$	-17 dB ( 0.0200 )	47.9	0.8734	0.0873
AT&T LTE 700	23.00	43.00	950.0	$\Theta = 16^\circ$	-18 dB ( 0.0251 )	47.9	0.3471	0.0740
AT&T LTE AWS	23.00	43.00	1500.0	$\Theta = 16^\circ$	-20 dB ( 0.0100 )	47.9	0.2184	0.0218
Sprint	23.00	43.00	1000.0	$\Theta = 16^\circ$	-18 dB ( 0.0251 )	47.9	0.3654	0.0365
<b>Total</b>								<b>0.4573</b>

Horizontal distance from antennas Lp is 294 ft at  $\Theta = 12^\circ$  Elevation above sea level: 69 feet

Service Provider	Height H <sub>o</sub> , ft	Height H <sub>p</sub> , ft	Max. ERP	Angle $\Theta$	F <sup>2</sup>	R <sub>p</sub> (m)	S (μW/cm <sup>2</sup> )	MPE%
AT&T 850 MHz GSM/UMTS	23.00	65.00	1890.0	$\Theta = 12^\circ$	-7 dB ( 0.1995 )	91.8	1.4944	0.2577
AT&T 1900 MHz GSM/UMTS	23.00	65.00	3000.0	$\Theta = 12^\circ$	-14 dB ( 0.0398 )	91.8	0.4732	0.0473
AT&T LTE 700	23.00	65.00	950.0	$\Theta = 12^\circ$	-7 dB ( 0.1995 )	91.8	0.7512	0.1602
AT&T LTE AWS	23.00	65.00	1500.0	$\Theta = 12^\circ$	-19 dB ( 0.0128 )	91.8	0.0749	0.0075
Sprint	23.00	65.00	1000.0	$\Theta = 12^\circ$	-13 dB ( 0.0501 )	91.8	0.1986	0.0199
<b>Total</b>								<b>0.4926</b>

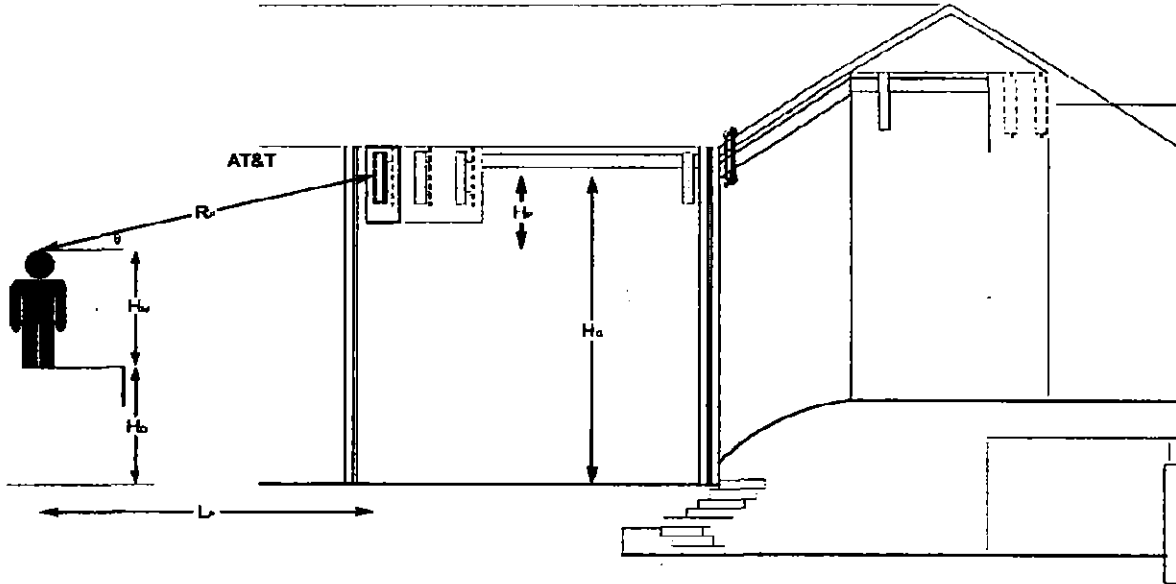
Horizontal distance from antennas Lp is 395 ft at  $\Theta = 9^\circ$  Elevation above sea level: 68 feet

Service Provider	Height H <sub>o</sub> , ft	Height H <sub>p</sub> , ft	Max. ERP	Angle $\Theta$	F <sup>2</sup>	R <sub>p</sub> (m)	S (μW/cm <sup>2</sup> )	MPE%
AT&T 850 MHz GSM/UMTS	23.00	66.00	1890.0	$\Theta = 9^\circ$	-3 dB ( 0.5012 )	122.1	2.1222	0.3659
AT&T 1900 MHz GSM/UMTS	23.00	66.00	3000.0	$\Theta = 9^\circ$	-18 dB ( 0.0251 )	122.1	0.1687	0.0169
AT&T LTE 700	23.00	66.00	950.0	$\Theta = 9^\circ$	-3 dB ( 0.5012 )	122.1	1.0667	0.2274
AT&T LTE AWS	23.00	66.00	1500.0	$\Theta = 9^\circ$	-12 dB ( 0.0831 )	122.1	0.2120	0.0212
Sprint	23.00	66.00	1000.0	$\Theta = 9^\circ$	-13 dB ( 0.0501 )	122.1	0.1122	0.0112
<b>Total</b>								<b>0.6426</b>

Horizontal distance from antennas Lp is 442 ft at  $\Theta = 8^\circ$  Elevation above sea level: 68 feet

Service Provider	Height H <sub>o</sub> , ft	Height H <sub>p</sub> , ft	Max. ERP	Angle $\Theta$	F <sup>2</sup>	R <sub>p</sub> (m)	S (μW/cm <sup>2</sup> )	MPE%
AT&T 850 MHz GSM/UMTS	23.00	66.00	1890.0	$\Theta = 8^\circ$	-2 dB ( 0.6310 )	136.3	2.1441	0.3697
AT&T 1900 MHz GSM/UMTS	23.00	66.00	3000.0	$\Theta = 8^\circ$	-11 dB ( 0.0794 )	136.3	0.4282	0.0428
AT&T LTE 700	23.00	66.00	950.0	$\Theta = 8^\circ$	-2 dB ( 0.6310 )	136.3	1.0777	0.2298
AT&T LTE AWS	23.00	66.00	1500.0	$\Theta = 8^\circ$	-9 dB ( 0.1259 )	136.3	0.3395	0.0340
Sprint	23.00	66.00	1000.0	$\Theta = 8^\circ$	-13 dB ( 0.0501 )	136.3	0.0901	0.0090
<b>Total</b>								<b>0.6853</b>

Scenario 2: Nearby Buildings/Rooftop



person's height ( $H_u$ ) = 6 ft

Location 1: Nearest building surface within Sector A

$H_b = 23.0$  ft,  $L_p$  is 150 ft

Elevation above sea level: 74 feet

Service Provider	Height $H_G$ , ft	Height $H_p$ , ft	Max. ERP	Angle $\theta$	$F^2$	$R_p$ (m)	S ( $\mu W/cm^2$ )	MPE%
AT&T 850 MHz GSM/UMTS	39.00	40.00	1890.0	$\theta = 15^\circ$	-13 dB ( 0.0501 )	47.3	1.4136	0.2437
AT&T 1900 MHz GSM/UMTS	39.00	40.00	3000.0	$\theta = 15^\circ$	-16 dB ( 0.0251 )	47.3	1.1241	0.1124
AT&T LTE 700	39.00	40.00	950.0	$\theta = 15^\circ$	-14 dB ( 0.0398 )	47.3	0.5645	0.1204
AT&T LTE AWS	39.00	40.00	1500.0	$\theta = 15^\circ$	-20 dB ( 0.0100 )	47.3	0.2239	0.0224
Sprint	23.00	37.00	1000.0	$\theta = 14^\circ$	-16 dB ( 0.0251 )	47.1	0.3778	0.0378
<b>Total</b>								<b>0.5367</b>

$H_b = 23.0$  ft,  $L_p$  is 189 ft

Elevation above sea level: 73 feet

Service Provider	Height $H_G$ , ft	Height $H_p$ , ft	Max. ERP	Angle $\theta$	$F^2$	$R_p$ (m)	S ( $\mu W/cm^2$ )	MPE%
AT&T 850 MHz GSM/UMTS	39.00	41.00	1890.0	$\theta = 12^\circ$	-7 dB ( 0.1995 )	59.0	3.6178	0.6238
AT&T 1900 MHz GSM/UMTS	39.00	41.00	3000.0	$\theta = 12^\circ$	-14 dB ( 0.0398 )	59.0	1.1456	0.1146
AT&T LTE 700	39.00	41.00	950.0	$\theta = 12^\circ$	-7 dB ( 0.1995 )	59.0	1.8185	0.3877
AT&T LTE AWS	39.00	41.00	1500.0	$\theta = 12^\circ$	-19 dB ( 0.0126 )	59.0	0.1813	0.0181
Sprint	23.00	38.00	1000.0	$\theta = 11^\circ$	-13 dB ( 0.0501 )	58.8	0.4840	0.0484
<b>Total</b>								<b>1.1928</b>

Location 2: Nearest building surface within Sector B

$H_b = 21.0$  ft,  $L_p$  is 260 ft

Elevation above sea level: 92 feet

Service Provider	Height $H_G$ , ft	Height $H_p$ , ft	Max. ERP	Angle $\theta$	$F^2$	$R_p$ (m)	S ( $\mu W/cm^2$ )	MPE%
AT&T 850 MHz GSM/UMTS	24.00	18.00	1890.0	$\theta = 4^\circ$	0 dB ( 1.0000 )	79.5	9.9879	1.7221
AT&T 1900 MHz GSM/UMTS	24.00	18.00	3000.0	$\theta = 4^\circ$	-2 dB ( 0.8310 )	79.5	10.0037	1.0004
AT&T LTE 700	24.00	18.00	950.0	$\theta = 4^\circ$	0 dB ( 1.0000 )	79.5	5.0204	1.0704
AT&T LTE AWS	24.00	18.00	1500.0	$\theta = 4^\circ$	-1 dB ( 0.7943 )	79.5	6.2963	0.6296
Sprint	23.00	21.00	1000.0	$\theta = 5^\circ$	-3 dB ( 0.5012 )	79.5	2.6486	0.2649
<b>Total</b>								<b>4.6874</b>

$H_b = 21.0$  ft,  $L_p$  is 317 ft

Elevation above sea level: 91 feet

Service Provider	Height $H_G$ , ft	Height $H_p$ , ft	Max. ERP	Angle $\theta$	$F^2$	$R_p$ (m)	S ( $\mu W/cm^2$ )	MPE%
AT&T 850 MHz GSM/UMTS	24.00	19.00	1890.0	$\theta = 3^\circ$	0 dB ( 1.0000 )	96.8	6.7369	1.1615
AT&T 1900 MHz GSM/UMTS	24.00	19.00	3000.0	$\theta = 3^\circ$	0 dB ( 1.0000 )	96.8	10.6934	1.0693
AT&T LTE 700	24.00	19.00	950.0	$\theta = 3^\circ$	0 dB ( 1.0000 )	96.8	3.3863	0.7220
AT&T LTE AWS	24.00	19.00	1500.0	$\theta = 3^\circ$	0 dB ( 1.0000 )	96.8	5.3467	0.5347
Sprint	23.00	22.00	1000.0	$\theta = 4^\circ$	-1 dB ( 0.7943 )	96.9	2.8254	0.2825
<b>Total</b>								<b>3.7700</b>

Location 3: Nearest building surface within Sector C

H<sub>B</sub> = 15.0 ft, L<sub>p</sub> is 244 ft

Elevation above sea level: 71 feet

Service Provider	Height H <sub>G</sub> , ft	Height H <sub>P</sub> , ft	Max. ERP	Angle θ	F <sup>2</sup>	R <sub>p</sub> (m)	S (μW/cm <sup>2</sup> )	MPE%	
AT&T 850 MHz GSM/UMTS	23.00	48.00	1890.0	θ = 11 °	-5 dB ( 0.3162 )	75.8	3.4740	0.5990	
AT&T 1900 MHz GSM/UMTS	23.00	48.00	3000.0	θ = 11 °	-14 dB ( 0.0398 )	75.8	0.6941	0.0694	
AT&T LTE 700	23.00	48.00	950.0	θ = 11 °	-5 dB ( 0.3162 )	75.8	1.7462	0.3723	
AT&T LTE AWS	23.00	48.00	1500.0	θ = 11 °	-19 dB ( 0.0126 )	75.8	0.1099	0.0110	
Sprint	23.00	48.00	1000.0	θ = 11 °	-13 dB ( 0.0501 )	75.8	0.2912	0.0291	
<b>Total</b>									1.0808

H<sub>B</sub> = 21.0 ft, L<sub>p</sub> is 334 ft

Elevation above sea level: 70 feet

Service Provider	Height H <sub>G</sub> , ft	Height H <sub>P</sub> , ft	Max. ERP	Angle θ	F <sup>2</sup>	R <sub>p</sub> (m)	S (μW/cm <sup>2</sup> )	MPE%	
AT&T 850 MHz GSM/UMTS	23.00	43.00	1890.0	θ = 7 °	-1 dB ( 0.7943 )	102.7	4.7539	0.8196	
AT&T 1900 MHz GSM/UMTS	23.00	43.00	3000.0	θ = 7 °	-8 dB ( 0.1259 )	102.7	1.1961	0.1196	
AT&T LTE 700	23.00	43.00	950.0	θ = 7 °	-1 dB ( 0.7943 )	102.7	2.3895	0.5095	
AT&T LTE AWS	23.00	43.00	1500.0	θ = 7 °	-6 dB ( 0.2512 )	102.7	1.1932	0.1193	
Sprint	23.00	43.00	1000.0	θ = 7 °	-7 dB ( 0.1995 )	102.7	0.6318	0.0632	
<b>Total</b>									1.6312

# INFORMATION

AT&T Mobility operates telecommunications antennas at this location. Remain at least 3 feet away from any antenna and obey all posted signs.

Contact the owner(s) of the antenna(s) before working closer than 3 feet from the antenna.

Contact AT&T Mobility at 800-635-2822 prior to performing any maintenance or repairs near AT&T antennas.

This is AT&T Mobility Site # \_\_\_\_\_

Contact the management office if this door/hatch/gate is found unlocked.

# INFORMACIÓN

En esta propiedad se ubican antenas de telecomunicaciones operadas por AT&T Mobility. Favor mantener una distancia de no menos de 3 pies y obedecer todos los avisos.

Comuníquese con el propietario o los propietarios de las antenas antes de trabajar o caminar a una distancia de menos de 3 pies de la antena.

Comuníquese con AT&T Mobility 800-635-2822 antes de realizar cualquier mantenimiento o reparaciones cerca de las antenas de AT&T.

Esta es la estación base número \_\_\_\_\_

Favor comunicarse con la oficina de la administración del edificio si esta puerta o compuerta se encuentra sin candado.

Sign 1

© 2000 AT&T Mobility

AT&T Mobility

**Information Sign 1**

## 65° Dualband Directional Antenna

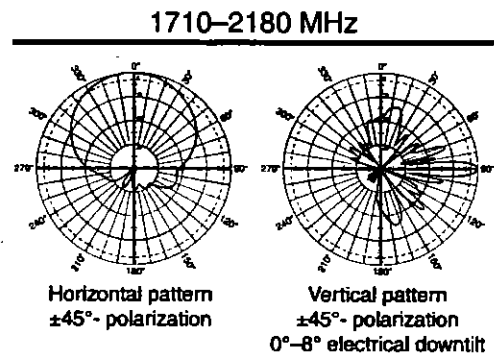
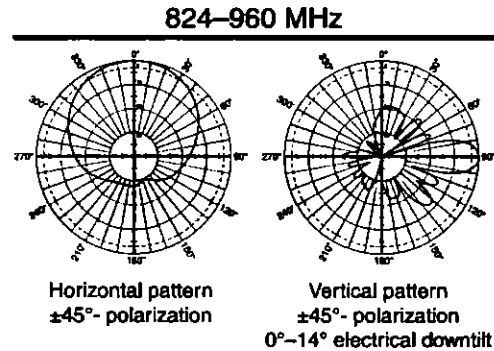
Kathrein's dual band antennas are ready for 3G applications, covering all existing wireless bands as well as all spectrum under consideration for future systems, AMPS, PCS and 3G/UMTS. These cross-polarized antennas offer diversity operation in the same space as a conventional 800 MHz antenna, and are mountable on our compact sector brackets.

- Wide band operation.
- Exceptional intermodulation characteristics.
- Remote control ready.
- Various gain, beamwidth and downtilt ranges.
- AISG compatible.
- High strength pultruded fiberglass radome.

### General specifications:

Frequency range	824–960 MHz 1710–2180 MHz
Impedance	50 ohms
VSWR	<1.5:1
Intermodulation (2x20w)	IM3: -150 dBc
Polarization	+45° and -45°
Connector	4 x 7/16 DIN female (long neck)
Isolation	intrasytem >30 dB intersystem >50 dB (824–960 // 1710–2180 MHz)
Weight	36.4 lb (16.5 kg)
Dimensions	51.8 x 10.3 x 5.5 inches (1316 x 262 x 139 mm)
Equivalent flat plate area	4.13 ft <sup>2</sup> (0.384 m <sup>2</sup> )
Wind survival rating*	120 mph (200 kph) sustained 150 mph (240 kph) in a 3 second burst
Shipping dimensions	63.6 x 11.9 x 7.6 inches (1615 x 302 x 192 mm)
Shipping weight	45 lb (20.4 kg)
Mounting	Fixed mount options are available for 2 to 4.6 inch (50 to 115 mm) OD masts.

See reverse for order information.



Specifications:	824–894 MHz	870–960 MHz	1710–1880 MHz	1850–1990 MHz	1920–2180 MHz
Gain	14 dBi	14 dBi	16.5 dBi	16.8 dBi	17 dBi
Front-to-back ratio	>26 dB (co-polar)	>26 dB (co-polar)	>25 dB (co-polar)	>25 dB (co-polar)	>25 dB (co-polar)
Maximum input power per input	500 watts (at 50°C)	500 watts (at 50°C)	250 watts (at 50°C)	250 watts (at 50°C)	250 watts (at 50°C)
total power	1000 watts (at 50°C)			500 watts (at 50°C)	
+45° and -45° polarization horizontal beamwidth	68° (half-power)	65° (half-power)	65° (half-power)	65° (half-power)	63° (half-power)
+45° and -45° polarization vertical beamwidth	16° (half-power)	14.5° (half-power)	7.8° (half-power)	7.3° (half-power)	6.8° (half-power)
Electrical downtilt continuously adjustable	0°–14°	0°–14°	0°–8°	0°–8°	0°–8°
Sidelobe suppression for first sidelobe above main beam	0° 7° 14° T 14 14 13 dB	0° 7° 14° T 14 14 13 dB	0° 4° 8° T 14 14 14 dB	0° 4° 8° T 16 16 15 dB	0° 4° 8° T 15 16 15 dB
Cross polar ratio					
Main direction	0°	0°	0°	0°	0°
Sector	±60°	±60°	±60°	±60°	±60°
	20 dB (typical)	20 dB (typical)	16 dB (typical)	18 dB (typical)	20 dB (typical)
	>10 dB	>10 dB	>10 dB	>10 dB	>10 dB

\* Mechanical design is based on environmental conditions as stipulated in EIA-222-F (June 1996) and/or ETS 300 019-1-4 which include the static mechanical load imposed on an antenna by wind at maximum velocity. See the Engineering Section of the catalog for further details.



10633-K  
936.2887/b

Kathrein's X-polarized antennas are designed for use in digital polarization diversity systems.

- X-polarized (+45° and -45°).
- UV resistant fiberglass radomes.
- Wideband vector dipole technology.
- DC Grounded metallic parts for impulse suppression.
- RET motor housed inside the radome and field replaceable.

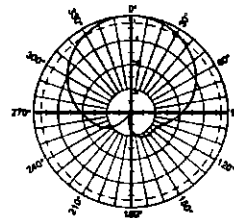
### General specifications:

Frequency range	698–894 MHz // 1710–2170 MHz
Impedance	50 ohms
VSWR	<1.5:1
Intermodulation (2x20w)	IM3:< -150 dBc
Polarization	+45° and -45°
Connector	4 x 7-16 DIN female (long neck)
Isolation	intrasystem >30 dB // intersystem >35 dB
<i>See reverse for order information.</i>	

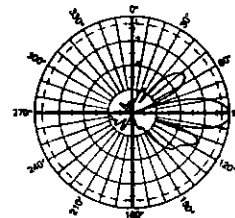
### IRT specifications:

Logical interface ex factory <sup>1)</sup>	AISG 1.1
Protocols	AISG 1.1 and 3GPP/AISG 2.0 compliant
Hardware interface <sup>2)</sup>	2 x 8pin connector acc. IEC 60130-9; according to AISG: – RCUin (male): Control / Daisy chain in – RCUout (female): Daisy chain out
Power supply	10–30 V
Power Consumption	<1 W (standby); <8.5 W (motor activated)
Adjustment time (full range)	40 seconds
Adjustment cycles	>50,000
Certification	FCC 15.107 Class B Computing Devices

### 698–894 MHz

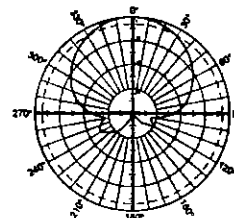


Horizontal pattern  
±45°- polarization

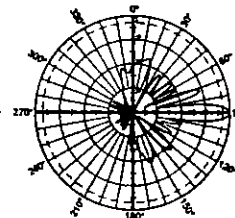


Vertical pattern  
±45°- polarization  
0°–16° electrical downtilt

### 1710–2170 MHz



Horizontal pattern  
±45°- polarization



Vertical pattern  
±45°- polarization  
0°–10° electrical downtilt



<sup>1)</sup> The protocol of the logical interface can be switched from AISG 1.1 to 3GPP/AISG 2.0 and vice versa with a vendor specific command. Start-up operation of the RCU 86010149 is possible in a RET system supporting AISG 1.1 or supporting 3GPP/AISG 2.0 after performing a layer 2 reset before address assignment. The protocol can also be changed as follows: AISG 1.1 to 3GPP: Enter "3GPP" into the additional data field "Installer's ID" and perform a layer 7 reset or a power reset. 3GPP to AISG 1.1: Enter "AISG 1" into the additional datafield "Installer's ID" and perform a layer 2 reset or a power reset. After switching the protocol any other information can be entered into the "Installer's ID" field.

<sup>2)</sup> The tightening torque for fixing the connector must be 0.5–1.0 Nm ("hand-tightened"). The connector should be tightened by hand only!

### Specifications:

	698–806 MHz	824–894 MHz	1710–1755 MHz	1850–1990 MHz	2110–2170 MHz
Gain	14.3 dBi	14.8 dBi	17.3 dBi	17.5 dBi	17.3 dBi
Front-to-back ratio	>30 dB (co-polar) 32 dB (average)	>27 dB (co-polar) 30 dB (average)	>30 dB (co-polar) 34 dB (average)	>30 dB (co-polar) 34 dB (average)	>30 dB (co-polar) 34 dB (average)
Maximum input power per Input	500 watts (at 50°C)	500 watts (at 50°C)	300 watts (at 50°C)	300 watts (at 50°C)	300 watts (at 50°C)
+45° and -45° polarization horizontal beamwidth	68° (half-power)	65° (half-power)	61° (half-power)	60° (half-power)	61° (half-power)
+45° and -45° polarization vertical beamwidth	15° (half-power)	13.5° (half-power)	7.5° (half-power)	7.5° (half-power)	7.5° (half-power)
Electrical downtilt continuously adjustable	0°–16°	0°–16°	0°–10°	0°–10°	0°–10°
Min sidelobe suppression for first sidelobe above main beam average	0° 8° 16° T 17 16 16 dB 19 19 18 dB	0° 8° 16° T 18 16 16 dB 22 20 20 dB	0° 5° 10° T 18 18 17 dB 20 20 20 dB	0° 5° 10° T 18 18 17 dB 20 20 20 dB	0° 5° 10° T 18 18 17 dB 20 20 20 dB
Cross polar ratio					
Main direction	0°	25 dB (typical)	25 dB (typical)	25 dB (typical)	25 dB (typical)
Sector	±60°	>10 dB, 15 dB (avg)	>8 dB, 14 dB (avg)	>10 dB, 16 dB (avg)	>8 dB, 14 dB (avg)
Tracking	1.5 db	1.5 db	2.0 db	1.0 db	2.0 db
Squint	±2.5°	±4°	±4°	±1.5°	±4°



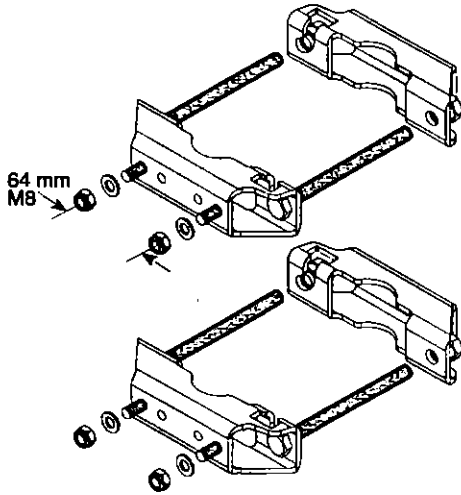
11223-D Feb 25, 2011  
936.4133

RoHS

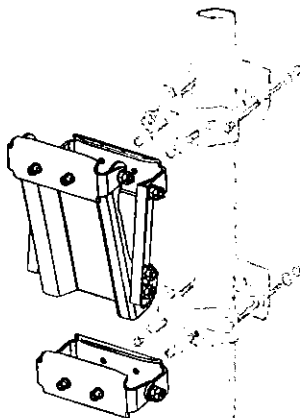


Lead-Free





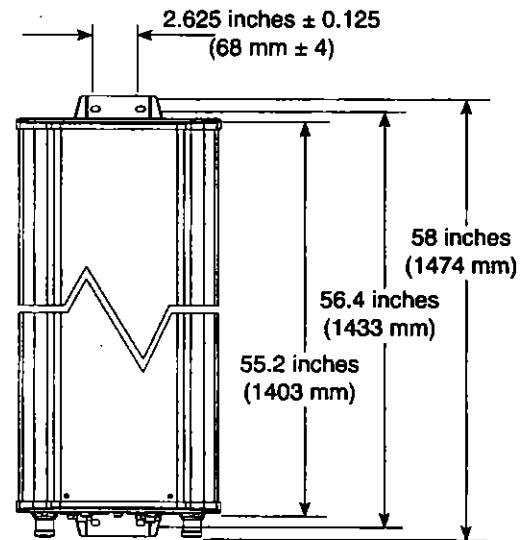
**Mounting Brackets**  
for use with 2-point mount antennas  
Mast dia. 2-4.5 inches (50-115 mm)  
Weight: 4.4 lb (2 kg)



**Mechanical Tilt Brackets**  
for use with 2-point mount antennas  
Weight: 13 lb (5.9 kg)  
(Model 850 10007)

**Mechanical specifications:**

Weight	40.8 lb (18.5 kg)
Dimensions	55.2 x 11.8 x 6 inches (1403 x 300 x 152 mm)
Wind load Front/Side/Rear	at 93 mph (150kph) 156 lbf / 59 lbf / 160 lbf (690 N) / (260 N) / (710 N)
Mounting category	M (Medium)
Wind survival rating*	150 mph (240 kph)
Shipping dimensions	64.8 x 12.6 x 7.5 inches (1646 x 322 x 190 mm)
Shipping weight	50 lb (22.7 kg)
Mounting	Mounting hardware included for 2 to 4.6 inch (50 to 115 mm) OD masts.

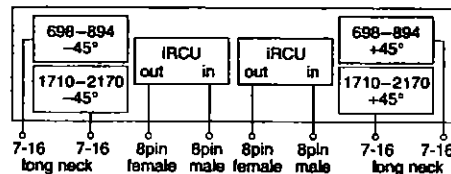
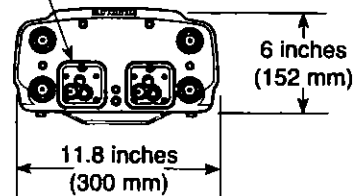


KATHREIN 860 10149

**FC** Tested To Comply With FCC Standards

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: Refer to part number 860 10149 for the specifications of the remote control actuator.



**Order Information:**

Model	Description
800 10764	Dualband antenna with mounting bracket 0°-16° // 0°-10° electrical downtilt
800 10764 K	Dualband antenna with mounting bracket and mechanical tilt bracket 0°-16° // 0°-10° electrical downtilt

\* Mechanical design is based on environmental conditions as stipulated in TIA-222-G-2 (December 2009) and/or ETS 300 019-1-4 which include the static mechanical load imposed on an antenna by wind at maximum velocity. See the Engineering Section of the catalog for further details.

All specifications are subject to change without notice. The latest specifications are available at [www.kathrein-scala.com](http://www.kathrein-scala.com).

Kathrein Inc., Scala Division Post Office Box 4580 Medford, OR 97501 (USA) Phone: (541) 779-6500 Fax: (541) 779-3991  
Email: [communications@kathrein.com](mailto:communications@kathrein.com) Internet: [www.kathrein-scala.com](http://www.kathrein-scala.com)



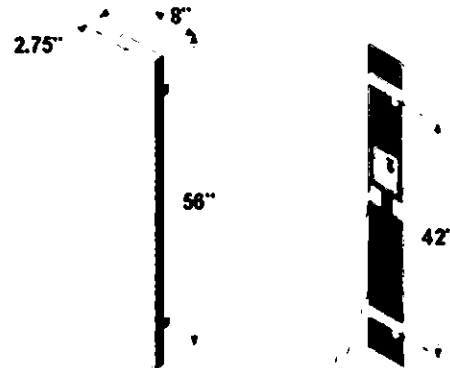
## RR65-18-XXDPL2

DualPol® Polarization  
1850 MHz - 1990 MHz

OptiRange™  
Suppressor™

### Electrical Specifications

Azimuth Beamwidth (-3 dB)	65°
Elevation Beamwidth(-3 dB)	6°
Elevation Sidelobes (Upper)	≥ 18 dB
Gain	17.5 dBi (15.4 dBd)
Polarization	Dual Linear Slant (± 45°)
Port-to-Port Isolation	≥ 30 dB
Front-to-Back Ratio	≥ 30 dB
Electrical Downtilt Options	0°, 2°, 4°, 6°
VSWR	1.35:1 Max
Connectors	2; 7-16 DIN (female)
Power Handling	250 Watts CW
Passive Intermodulation	≤ -150 dBc [2 x 20 W (+ 43 dBm)]
Lightning Protection	Chassis Ground



RF  
CONNECTORS



### Mechanical Specifications

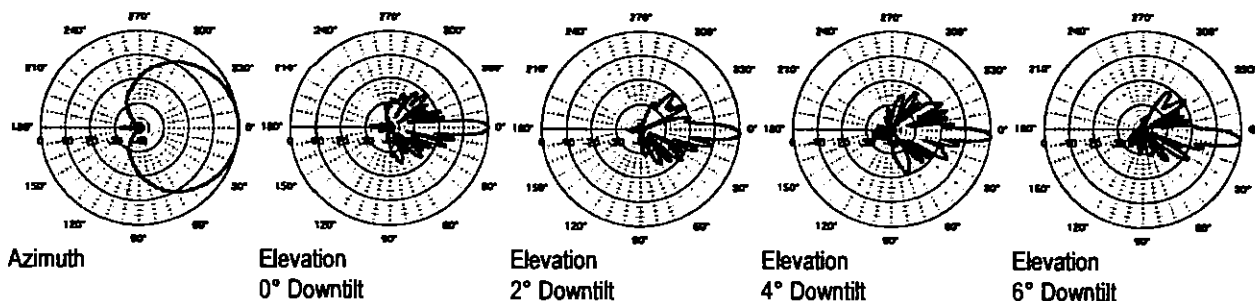
Dimensions (L x W x D)	56 in x 8 in x 2.75 in (142 cm x 20.3 cm x 7.0 cm)
Rated Wind Velocity	150 mph (241 km/hr)
Equivalent Flat Plate Area	3.1ft <sup>2</sup> (.29 m <sup>2</sup> )
Front Wind Load @ 100 mph (161 kph)	90 lbs (400 N)
Side Wind Load @ 100 mph (161 kph)	31 lbs (139 N)
Weight	18 lbs (8.2 kg)

### Mounting Options

MTG-P00-10, MTG-S02-10, MTG-DXX-20°, MTG-CXX-10°, MTG-C02-10, MTG-TXX-10°

Note: \*Model number shown represents a series of products. See Mounting Options section for specific model number.

### Patterns



Revised 04/05/02

# Application for Zoning/Planning/Subdivision Action



## Type of Application - Please Check

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> General Plan Amendment   | <input type="checkbox"/> Subdivision Tentative Map (5 or more lots)    | <input type="checkbox"/> Variance                  |
| <input type="checkbox"/> Prezoning                | <input type="checkbox"/> Land Division Tentative Map (4 or fewer lots) | <input type="checkbox"/> Accessory Dwelling Unit   |
| <input type="checkbox"/> Rezoning                 | <input type="checkbox"/> Lot Line Adjustment (no new lots)             | <input type="checkbox"/> Sign Review               |
| <input type="checkbox"/> Master Plan              | <input type="checkbox"/> Design Review                                 | <input type="checkbox"/> Certificate of Compliance |
| <input type="checkbox"/> Precise Development Plan | <input checked="" type="checkbox"/> Use Permit                         | <input type="checkbox"/> Other _____               |

## Applicant Required Information

- Assessor's Parcel No(s): 160-150-03 Existing Zoning: \_\_\_\_\_
- Property Address: 1110 Highland Drive
- Property Owner a) Name: Greek Orthodox Church of Marin Phone: 415-883-1998  
b) Address: 1110 Highland Drive Novato, CA 94949
- Applicant (If Different than Owner)  
a) Name: Delta Groups Engineering Phone: 925-468-0115  
b) Address: 5635 W Las Positas Ste 403 Pleasanton, CA 94588
- Name of Project (If Applicable): Ignacio Blvd-Esquire CT
- Property Size: \_\_\_\_\_
- Type of Use Proposed (Office, Residential, Etc.): Unmanned Wireless Communications Facility
- Square Footage of Each Use or Number of Units if Residential: \_\_\_\_\_
- Purpose of Application (Brief Statement of What You Want to Accomplish): Install 3 (N) antennas, 6 RRU's, 2 new equipment cabinets inside of (E) AT&T shelter, 1 (N) Surge Suppressor (N) antennas & RRU's will be located behind (E) FRP boxes.
- Signature C.D. Chart (Attach Separate Sheets If Needed)  
 Owner  Applicant (Note: If applicant signs, an authorization signed by the owner must be attached.)

**Important: Please complete Agreement for Payment of Full Cost Recovery Fees for Application Processing.**

Note: Information sheets describing the review process and the additional information required for a specific type of application are available at the Novato Department of Community Development, 75 Rowland Way, #200, (415) 899-8989, www.ci.novato.ca.us.

Do Not Write Below This Line

## DEPARTMENTAL PROCESS INFORMATION

Application Number(s): P2012-042 112042

Received by REBECCA MARKWICK Date: 5/6/12 Planning  Fee  Deposit: \$ 2615.00

Deemed Complete by: \_\_\_\_\_ Date: \_\_\_\_\_ Plan Storage \$ 46.00

Application Acted On By: Z.A. Date: 7/12/12 PW/Engineering Fee  No  Yes: \$ \_\_\_\_\_

(Attach PW/Engineering and Planning Worksheets)

Receipt # PROJR535 Date 6/5/12

C.R.# 3358 Initials MR

Action: Approved

Conditions of Approval or Comments: \_\_\_\_\_



June 5, 2012

RE: Delta Groups Engineering Inc. ("Delta") as representative for AT&T Mobility.

(Tom Swarner, Chris Charlton, Ryan Young, Shannon Nichols, Allison Teng, Harold Trias, Archie Angulo, Jeromy Karaan, Joe Tran, Angela Rodriguez).

Re:

Site Address: 1110 Highland Drive, Novato CA 94949

AT&T Site Number: CCL00543

AT&T Site Name: Ignacio Blvd-Esquire Ct

APN# 160-150-03

To Whom It May Concern:

Delta Groups Engineering Inc. ("Delta") and its employees are authorized representatives of AT&T Mobility and have been contracted to perform cellular site development (i.e., real estate leasing, land use entitlements, materials procurement, architectural engineering, equipment installation, design and construction, etc.) on behalf of AT&T Mobility in connection with their telecommunications facility.

As an authorized representative of AT&T Mobility, Delta maybe submit/order (i.e. land use applications and permits, utilities, real estate leasing, etc.) on behalf of AT&T Mobility.

Sincerely,



Jeff Diether

AT&T Site Manager