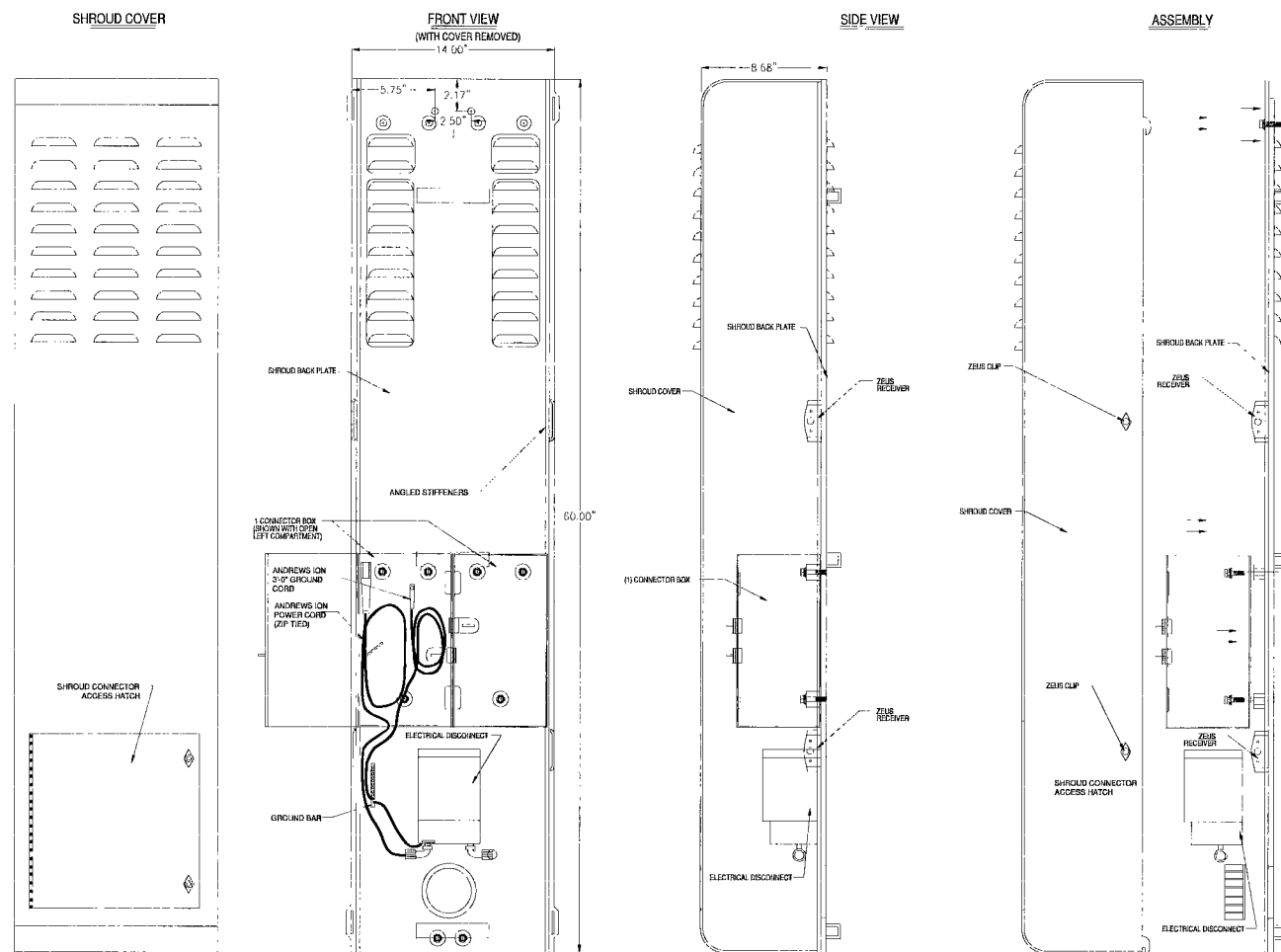
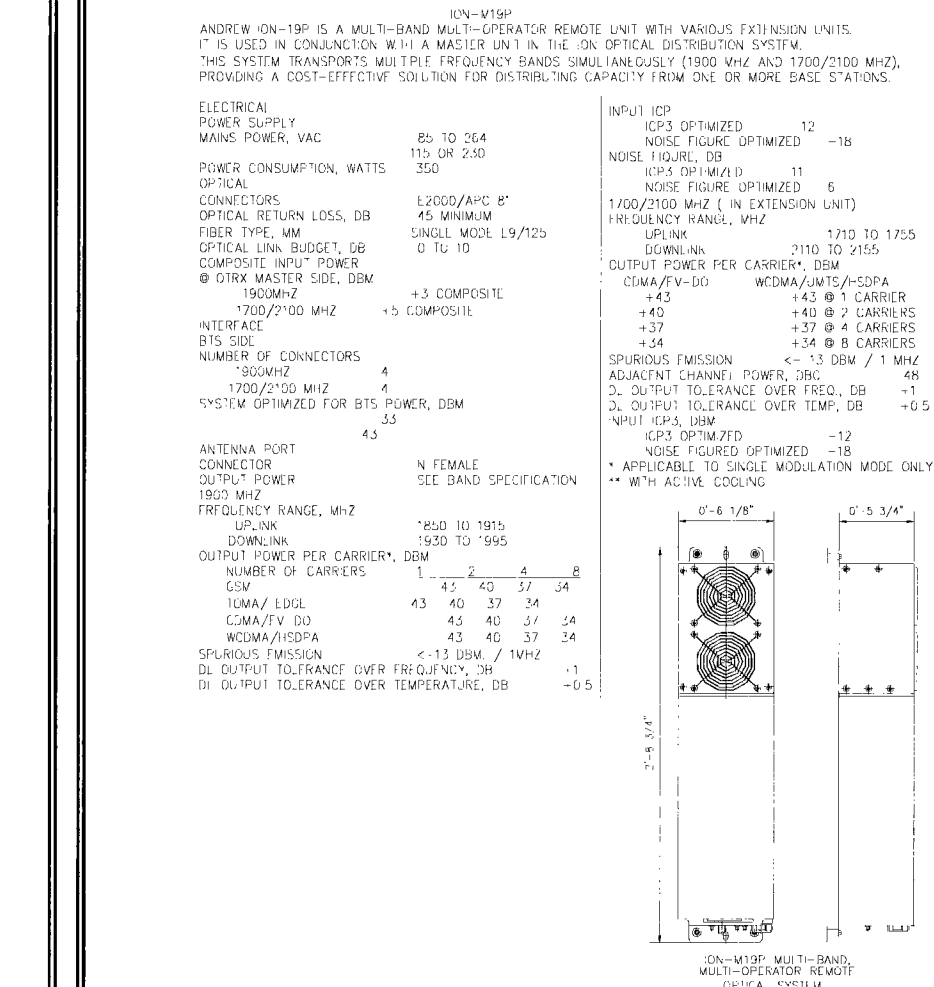




SCALE: N.T.S. SH001 SPECIFICATIONS AND ATTACHMENT SPACER DETAILS



SCALE: N.T.S. ION SPECIFICATIONS

MAXRAD

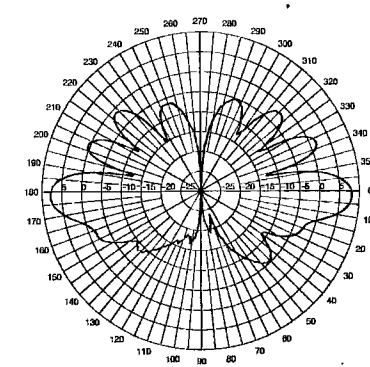
ELECTRICAL SPECIFICATIONS

BANDWIDTH	@1.5:1 VSWR 140 MHz
FREQUENCY RANGE	1850-1990 MHz
GAIN	8 dBi
GROUNDING	None
MAXIMUM POWER	25 Watts
VERTICAL BEAMWIDTH	@1/2 Power 12°/front
VSWR	<1.5:1

MECHANICAL SPECIFICATIONS

BENDING MOMENT	5.7 ft.-lbs.
EQUIVALENT FLAT PLATE AREA	.07 sq ft
HEIGHT	24.0" (609.6 mm)
LATERAL THRUST	0.70 lbs (0.318 kg)
WIND LOADING	125 mph

MFB19008A Omni
Elevation Pattern
1.9 GHz



SCALE: N.T.S. ANTENNA SPECIFICATIONS (ANT 19008A)

KATHREIN SCALA DIVISION

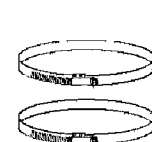
GENERAL SPECIFICATIONS:

FREQUENCY RANGE	1710-1880 MHz	1850-1990 MHz	1920-2170 MHz
VSWR	<1.5:1	<1.5:1	<1.5:1
IMPEDANCE	50 OHMS	50 OHMS	50 OHMS
INTERMODULATION (2x20w)	IM3: 150 dBc	IM3: 150 dBc	IM3: 150 dBc
POLARIZATION	+45° AND -45°	+45° AND -45°	+45° AND -45°
FRONT-TO-BACK RATIO	>25 dB (CO-POLAR)	>25 dB (CO-POLAR)	>25 dB (CO-POLAR)
CONNECTOR	2 x 7/16 DIN FEMALE	2 x 7/16 DIN FEMALE	2 x 7/16 DIN FEMALE
ISOLATION	>20 dB	>20 dB	>20 dB
MAXIMUM INPUT POWER	300 WATTS (AT 50% PIR INPUT)	300 WATTS (AT 50% PIR INPUT)	300 WATTS (AT 50% PIR INPUT)
WEIGHT	9.3 lbs (4.2 kg)	9.3 lbs (4.2 kg)	9.3 lbs (4.2 kg)
DIMENSIONS	26.1 x 6.1 x 2.7 INCHES	26.1 x 6.1 x 2.7 INCHES	26.1 x 6.1 x 2.7 INCHES
EQUIVALENT FLAT PLATE AREA	1.58 ft² (0.143 m²)	1.58 ft² (0.143 m²)	1.58 ft² (0.143 m²)
MINI-SILKYVA KATINUS*	220 mhz (200 - 240)	220 mhz (200 - 240)	220 mhz (200 - 240)
SHIPPING DIMENSIONS	36.8 x 6.8 x 3.6 INCHES	36.8 x 6.8 x 3.6 INCHES	36.8 x 6.8 x 3.6 INCHES
SHIPPING WEIGHT	12 lbs (5.5 kg)	12 lbs (5.5 kg)	12 lbs (5.5 kg)

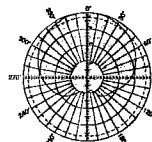
SPECIFICATIONS:	1710-1880 MHz	1850-1990 MHz	1920-2170 MHz
GAIN	13.7 dBi	14 dBi	14.1 dBi
HORIZONTAL BEAMWIDTH	88° (HALF POWER)	88° (HALF POWER)	88° (HALF POWER)
VERTICAL BEAMWIDTH	14.7° (HALF POWER)	14° (HALF POWER)	13° (HALF POWER)
ELECTRICAL DOWNTILT	0°-10°	0°-10°	0°-10°
CONTINUOUSLY ADJUSTABLE	(MANUAL OR OPTIONAL REMOTE CONTROL)	(MANUAL OR OPTIONAL REMOTE CONTROL)	(MANUAL OR OPTIONAL REMOTE CONTROL)
SIDELobe SUPPRESSION FOR	0°-4° 8° 10° 1	0°-4° 8° 10° 1	0°-4° 8° 10° 1
FIRST SIDELobe ABOVE HORIZON	18 18 18 18 dB	18 18 18 18 dB	18 18 18 18 dB
CROSS POLAR RATIO	20 dB (TYPICAL)	20 dB (TYPICAL)	20 dB (TYPICAL)
MAIN DIRECTION	0°	0°	0°
SECTOR	>10 dB	>10 dB	>10 dB

MOUNTING OPTIONS:

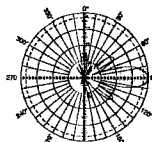
MODEL	DESCRIPTION
2 x 131 1847 (SHOWN)	MOUNTING KIT FOR 2 TO 5.7 INCH (50 TO 145 mm) I.D. MASTS
742 263	THREE PANEL SECTOR MOUNTING KIT (120 DEG. FA.) FOR 3.5 INCH (89 mm) O.D. MAST
732 327	TILT KIT FOR USE WITH MOUNTING KIT LISTED BELOW. 0-20 DEGREES DOWNTILT ANGLE.



2 x 131 1847 Mounting Kit



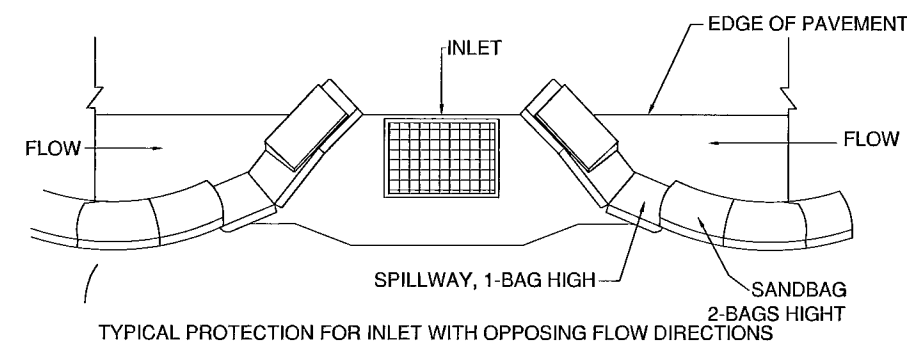
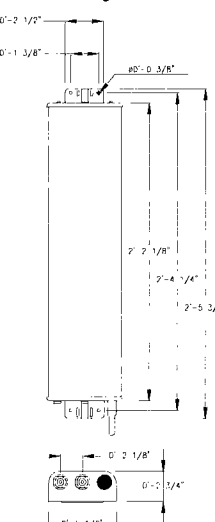
Horizontal pattern
±45° polarization



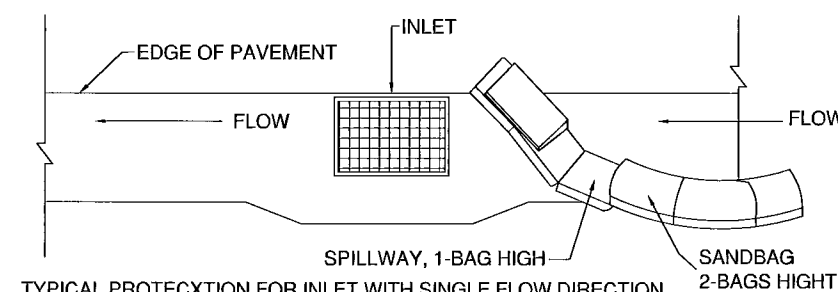
Vertical pattern
±45° polarization

SCALE: N.T.S. ANTENNA SPECIFICATIONS (ANT KS741988)

741 988
66° Panel Antenna



TYPICAL PROTECTION FOR INLET WITH OPPOSING FLOW DIRECTIONS



TYPICAL PROTECTION FOR INLET WITH SINGLE FLOW DIRECTION

NOTES:

1. INTENDED FOR SHORT-TERM USE.
2. USE TO INHIBIT NON-STORM WATER FLOW.
3. ALLOW FOR PROPER MAINTENANCE AND CLEANUP.
4. BAGS MUST BE REMOVED AFTER ADJACENT OPERATION IS COMPLETED.
5. NOT APPLICABLE IN AREAS WITH HIGH SILTS AND CLAYS WITHOUT FILTER FABRIC.

SCALE: N.T.S. STORM DRAIN INLET PROTECTION

NextG Networks
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PROJECT INFORMATION:

SPR1009NV-SUMN043
LAS VEGAS, NV 89117

CURRENT ISSUE DATE:

03/13/2010

PERMIT SUBMISSION:

REV. DATE DESCRIPTION BY

PLANS BY:

NextG Networks
of California, Inc.

REP:

COMMENTS:

SHEET TITLE:

TYPICALS 2

SHEET NUMBER: REVISION:

5

5 OF 6