

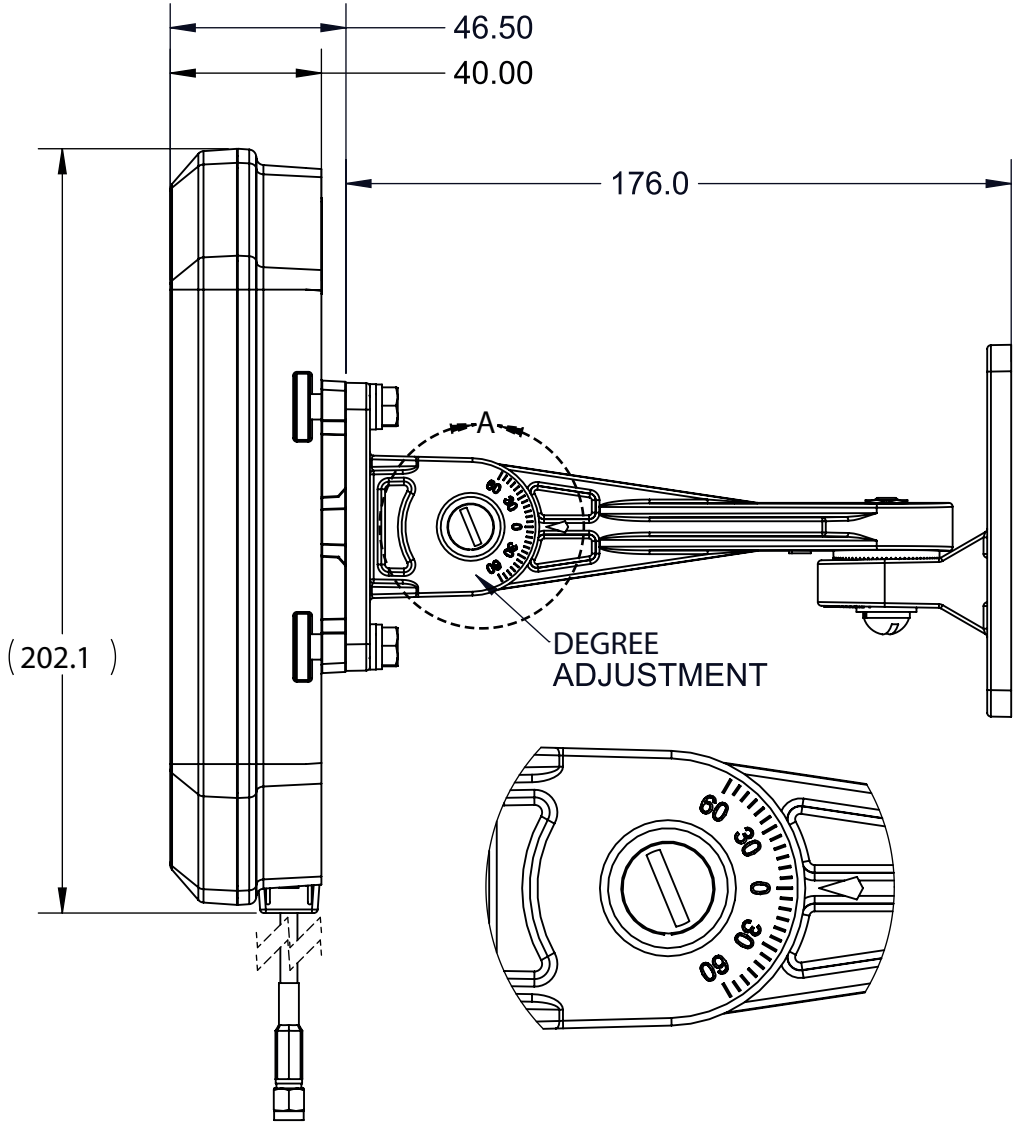
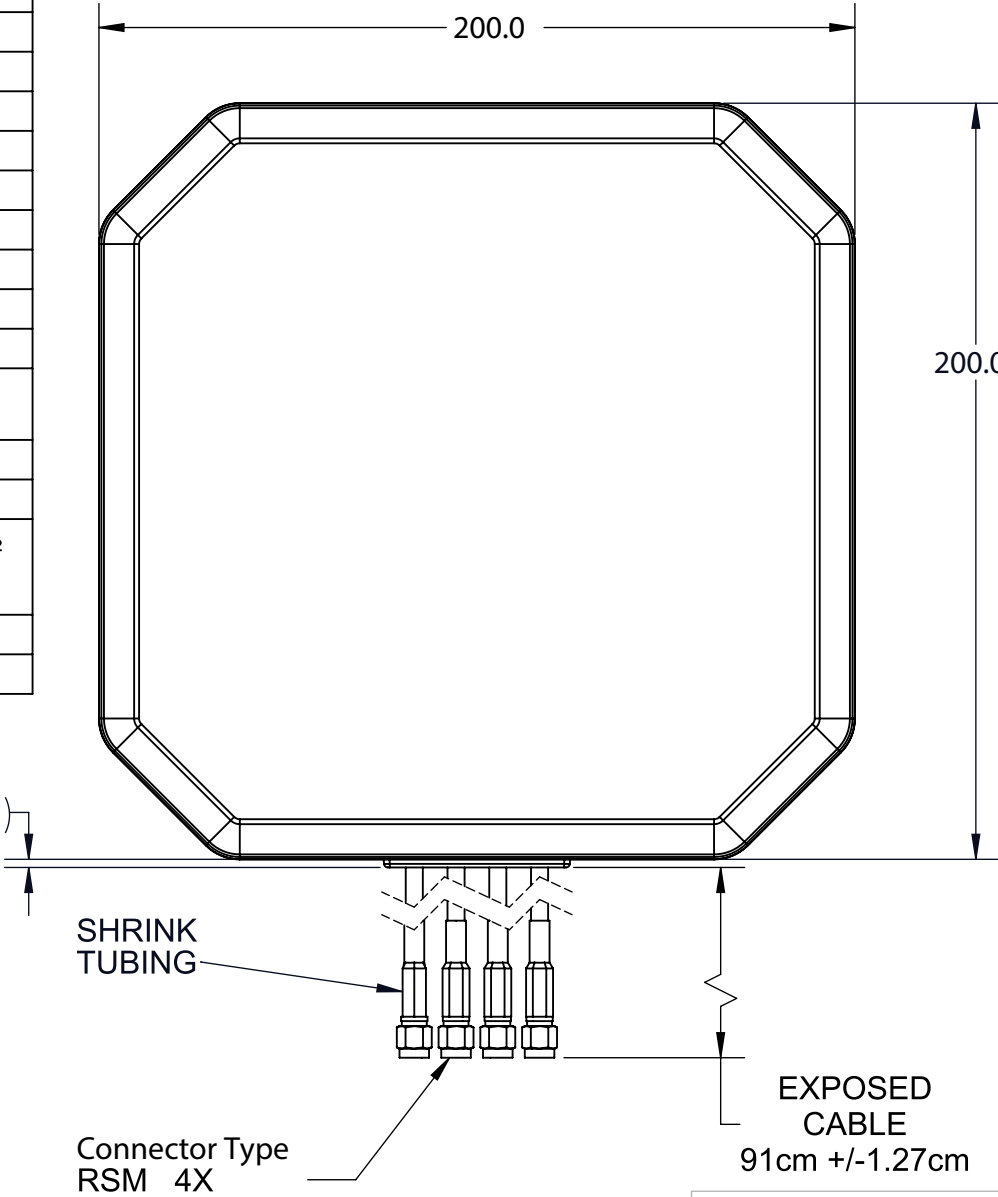
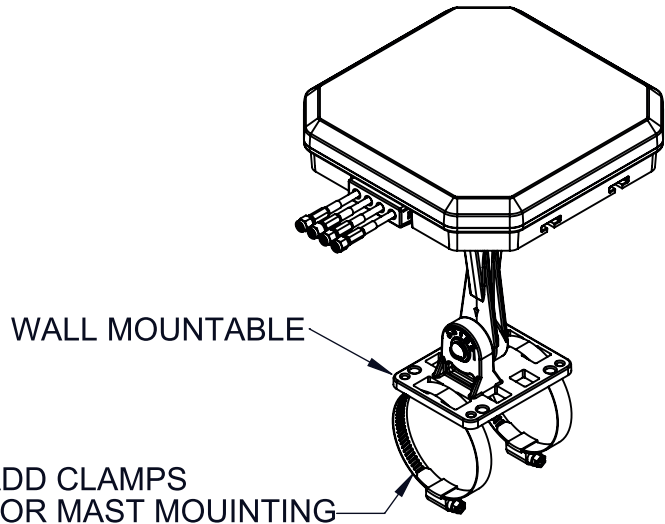
D

C

B

A

PARAMATER		PERFORMANCE	
Model Number		PSQ24495-91RSM	
Antenna Type		Directional	
RF Connector		RSM TYPE Male pigtail	
Cable Type		Lo -Temp Plenum	
Cable Length cm (in)		91 cm (35.8 in)	
Frequencies MHz		2400-2500	4900-6000
Gain (dBi) MAX		5.5	6.0
Azimuth Co-Polar Beam Width (DEG)		85° TYP	90° TYP
Elevation Co-Polar Beam Width (DEG)		110° TYP	85° TYP
VSWR MAX		<2.0:1	<2.0:1
Port to Port Isolation		>15dB	>20dB
Front to Side		>8 dB	>10 dB
Front to Back		>13 dB	>20 dB
Polarization		Slant Linear ±45°	
Weight		.70 kg (1.54 LBS)	
Storage Temperature		-40°C to +85°C	
Operational Temperature		-30°C to +70°C	
Outdoor Rated		IP67	
Radome Material		ASA LURAN S778T, UV Stable White, UL94-V0	
RoHS Compliant		Yes	
Max Power (Watts)		10 W	
Wind Surface Area		@0,062m² (0.66ft²)	@09, 0.008m² (0.09ft²)
Wind Survival		200 km/h (125 MPH)	
Wind Operational		160 km/h (100 MPH)	



DETAIL A
SCALE 1 : 1

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REVISIONS					
REV.	ECN#	ZONE	DESCRIPTION	CHANGED BY/DATE	APPROVED BY/DATE
F01	ECN-IAS-04990		ORIGINATED AND RELEASED PER ECN	M.L. 04DEC15	T.P. 23FEB16
F02	ECN-IAS-05606		CHANGED BASE MOUNT PANEL TO ARTICULAR MOUNT & ADDED MOUNTING VIEWS.	M.L. 19JAN17	T.P. 19JAN17
F03	ECN-IAS-06076		ADD TO PERFORMANCE CHART WIND INFORMATION	M.L. 10MAR17	M.L. 10MAR17
F04	ECN-IAS-06094		CHANGE GAIN FOR MODEL 4900-6000 MHz from 5.5 to 6	M.L. 17MAR17	T.P. 17MAR17

MATERIAL: N/A		THIRD ANGLE PROJECTION			
FINISH: N/A					
		DO NOT SCALE DRAWING		PSQ24495-91RSM	
APPROVALS		DATE			
DRAWN BY	M.LABONVILLE	13JAN16			
ELEC. ENG.	T. PETROPOULOS	13JAN16			
MECH. ENG.	S. SAFVI	13JAN16			
MFG./OPS.	B. THATCHER	13JAN16		PSQ24495-91RSMMO	
				REV F04	

SIZE A3

DWG. NO. PSQ24495-91RSMMO

SCALE: 1:2

PREVIOUS#

SHEET 1 OF 2

6

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4

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2

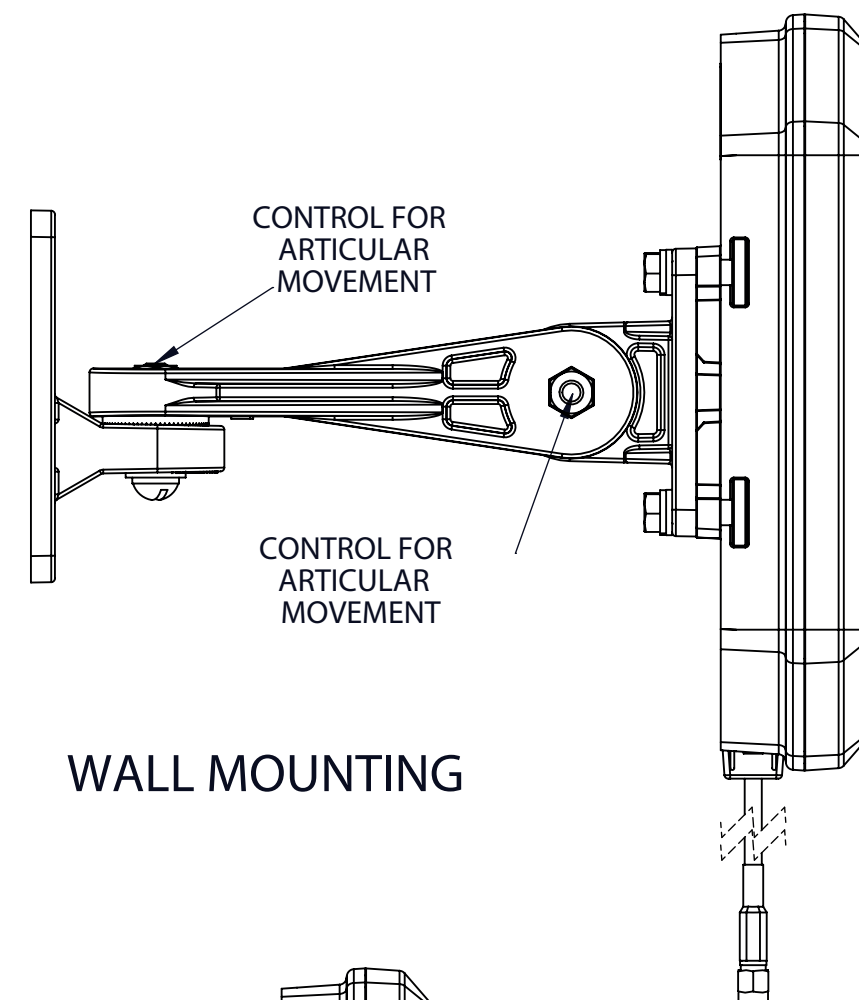
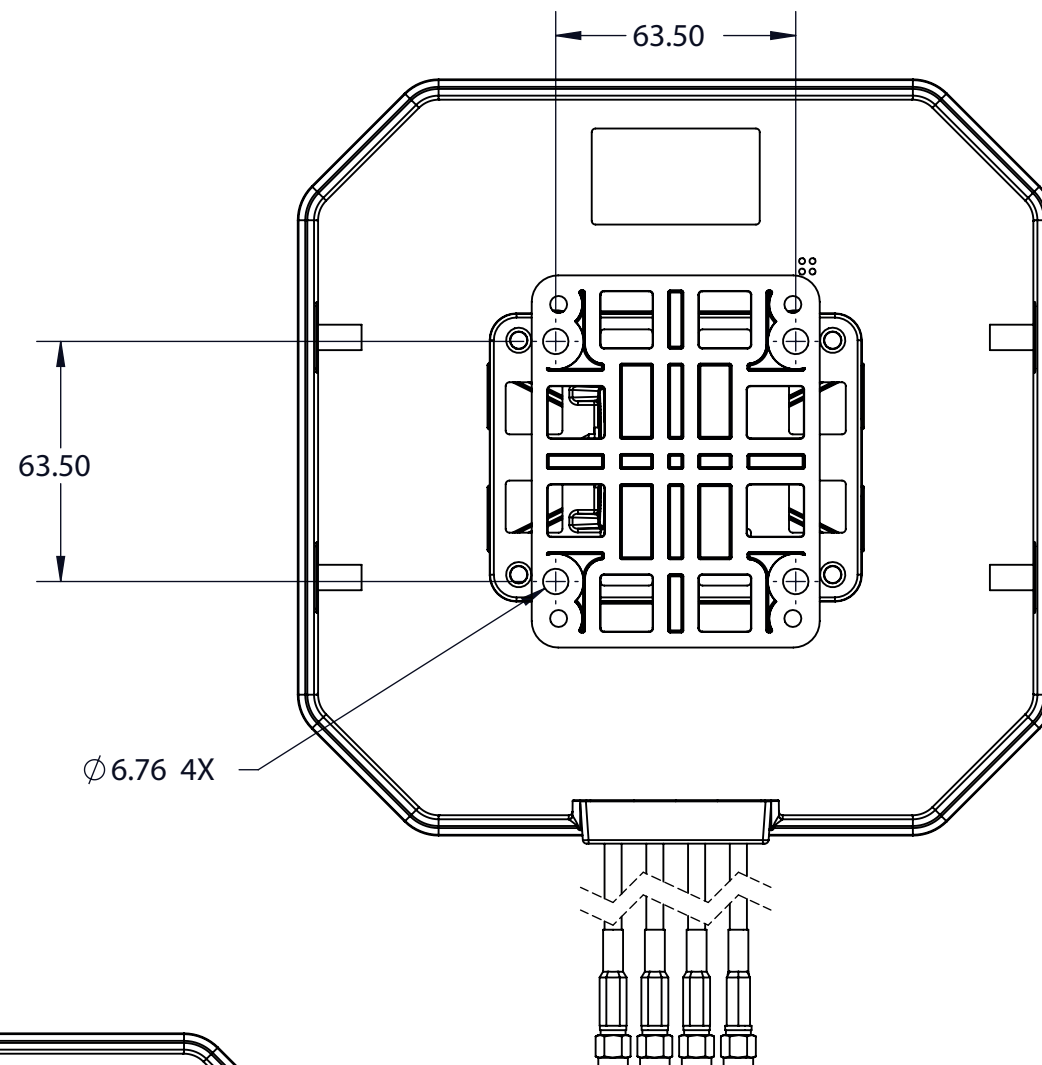
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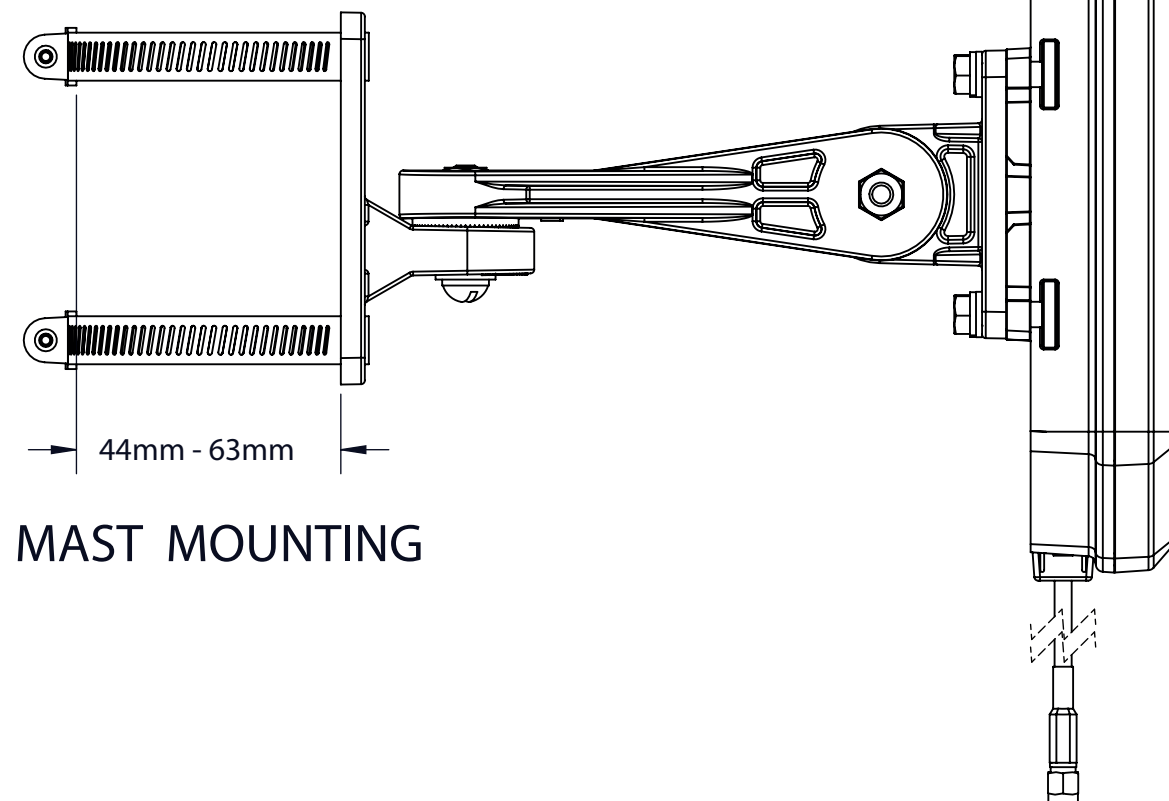
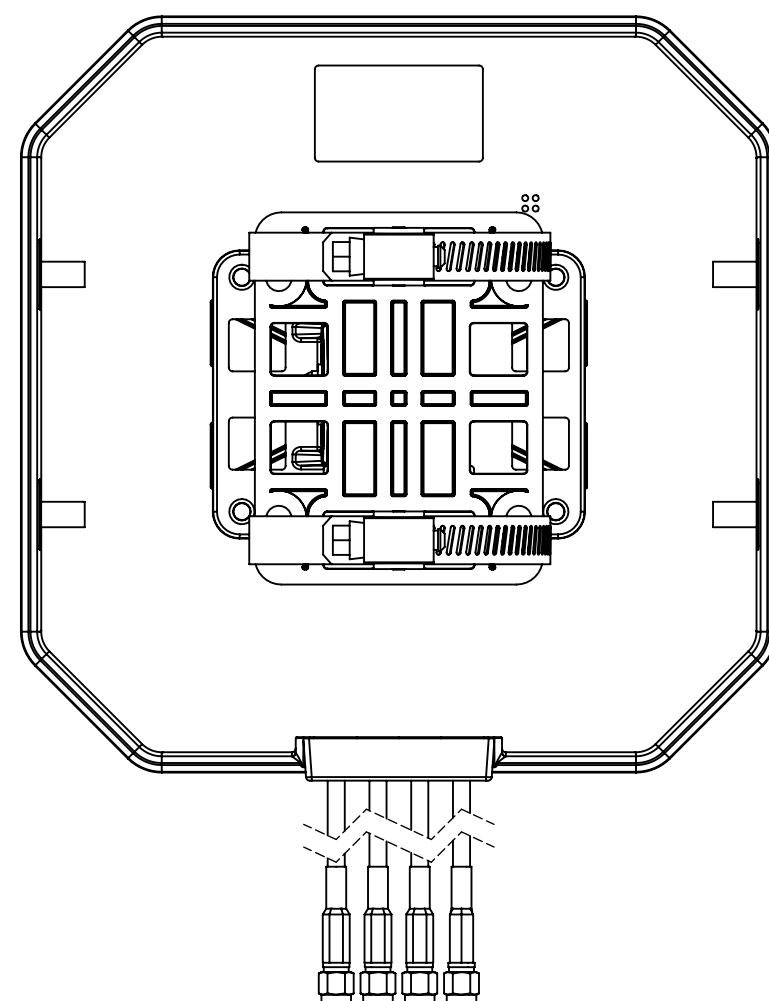
C

B

A



WALL MOUNTING



MAST MOUNTING



SIZE

A3

DWG. NO.

PSQ24495-91RSMMO

REV

F04

SCALE: 1:2

PREVIOUS#

SHEET 2 OF 2

6

5

4

3

2

1