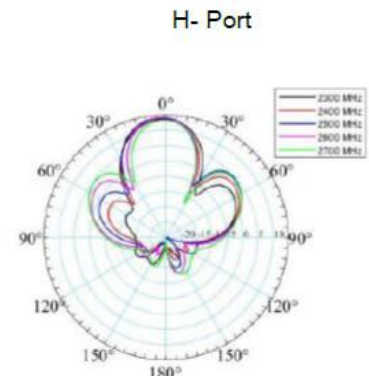
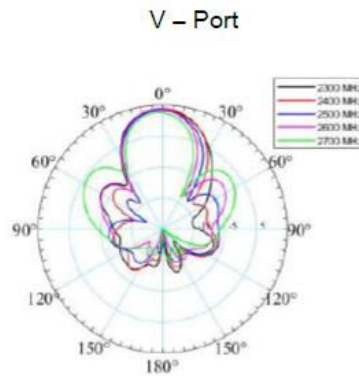


14 dBi 2.4GHz High Gain Panel Antenna

Radiation Patterns



PRODUCT INFORMATION

2.4 GHz High Gain Panel Antenna

Model Name	PN245-023
Brand Name	APEX

PRODUCT SPECIFICATIONS

Electrical

Frequency	2400 MHz ~ 2500 MHz
Gain	14 dBi
VSWR	< 2.5.
Efficiency	70%
Polarization	V+H
Beamwidth(H-Plane)	32°
Beamwidth(E-Plane)	30°
Isolation (Port to Port)	>25dB
Input Power, max.	50W
Impedance	50 ohms
Radiation	Directional

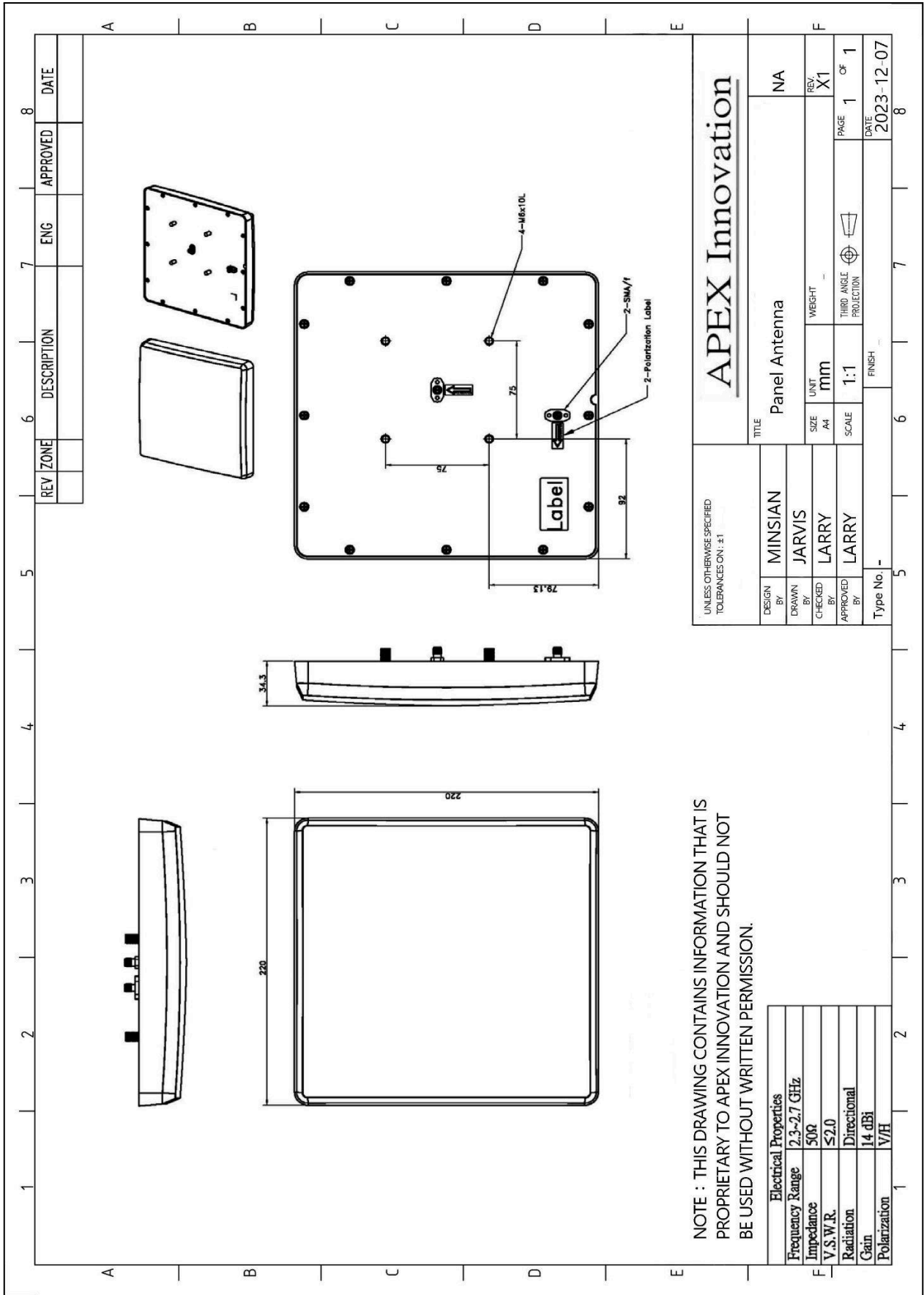
Physical and Environmental

Dimension (DxL)	mm	220 x 220 x H34.3 mm
Weight (Antenna)	pcs/g	1 kg
Mounting	set	Pole / Wall
Connector	-	2 x SMA Female
Material	-	ABS, UV Resistant
IP Rating	-	IP67
Operating Temperature	°C	-40°C ~ +75°C

PACKING

Pizza Box	1 piece antenna in a box
Carton	10 boxes in a carton
Gross Weight	12 kg

OUTLINE



NOTE : THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO APEX INNOVATION AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

Electrical Properties	
Frequency Range	2.3-2.7 GHz
Impedance	50Ω
V.S.W.R.	≤2.0
Radiation	Directional
Gain	14 dBi
Polarization	V/H

UNLESS OTHERWISE SPECIFIED TOLERANCES ON: ±1		APEX Innovation	
DESIGN BY	MINSIAN	TITLE	Panel Antenna
DRAWN BY	JARVIS	UNIT	mm
CHECKED BY	LARRY	SCALE	1:1
APPROVED BY	LARRY	THIRD ANGLE PROJECTION	
Type No. :-		FINISH	
		REV. X1	NA
		PAGE 1	OF 1
		DATE	2023-12-07