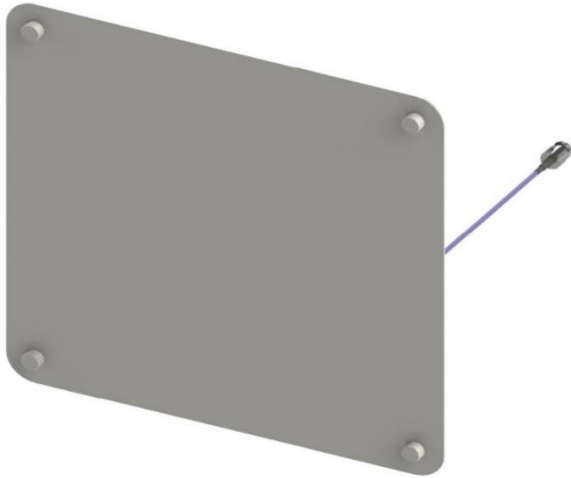


Description: In Building Public Safety
Antenna 132-174 / 380-570 / 700-960 MHz

Series: V-Thinity V/H/7/8

PART NUMBER: PSIBVU78



Installed Antenna

Features:

- Wide Bandwidth VHF, UHF, 7/800
 - 132-174 MHz
 - 380-570 MHz
 - 700-960 MHz
- Aesthetically pleasing:
 - 1.5mm (0.060 inch) thickness to ceiling.
- VSWR < 2:1
- Optimized to low frequency in-building environments.

Applications:

- In Building Repeater Systems
 - Bi-Directional Amplifiers
- Police, Fire, Government critical communication enhancement
- Low-profile ceiling mounting
- Enhanced for In-building:
 - Modest Gain
 - Multi-Floor coverage
 - Avoid nulls of traditional dipoles.

All dimensions are in mm / inches

Issue: 1651

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Pulse (Suzhou) Wireless Products Co, Inc.
99 Huo Ju Road(#29 Bldg, 4th Phase
Suzhou New District
Jiangsu Province, Suzhou 215009 PR China
Tel: 86 512 6807 9998



Series: V-Thinity V/H/7/8

Description: In Building Public Safety
Antenna 132-174 / 380-570 / 700-960 MHz

PART NUMBER: PSIBVU78

ELECTRICAL SPECIFICATIONS

Frequency	132-174 / 380-570 / 700-960 MHz
Nominal Impedance	50 Ω
VSWR	2:1*
Power Withstand	6 watts
Connector Type	N Female
Cable Type	$\varnothing$ 4mm / 0.16"
Cable length	500mm / 19.7"

*antenna mounted against ceiling tile with 2ft x 2ft metal suspension frame

Series: V-Thinity V/H/7/8**Description:** In Building Public Safety
Antenna 132-174 / 380-570 / 700-960 MHz**PART NUMBER:** PSIBVU78**MECHANICAL SPECIFICATIONS.**

Color	White
Weight:	675 grams
Cable retention: Pull off	30 N
Fixing system	4pcs M6 hex slot bolt & nut

ENVIRONMENTAL SPECIFICATIONS

Operating temperature	0 - 60° C
Storage temperature	MIL STD 801G: 24h at 85C and 24h at -40C
Temperature shock	MIL STD 810G: Method 503.5, -40 for 1 hr to +85 C for 1 hr @ 15 deg.C/min rate of change; 3 cycles
Humidity	MIL STD 810G: 24h at 60C and 95%RH
Vibration	MIL STD 810G: 514.6 C-II
Chemical resistance	MIL STD 810G
Drop test	Top, bottom, side. 3 times/orientation, 40"
Package drop	All faces & corners, 40"

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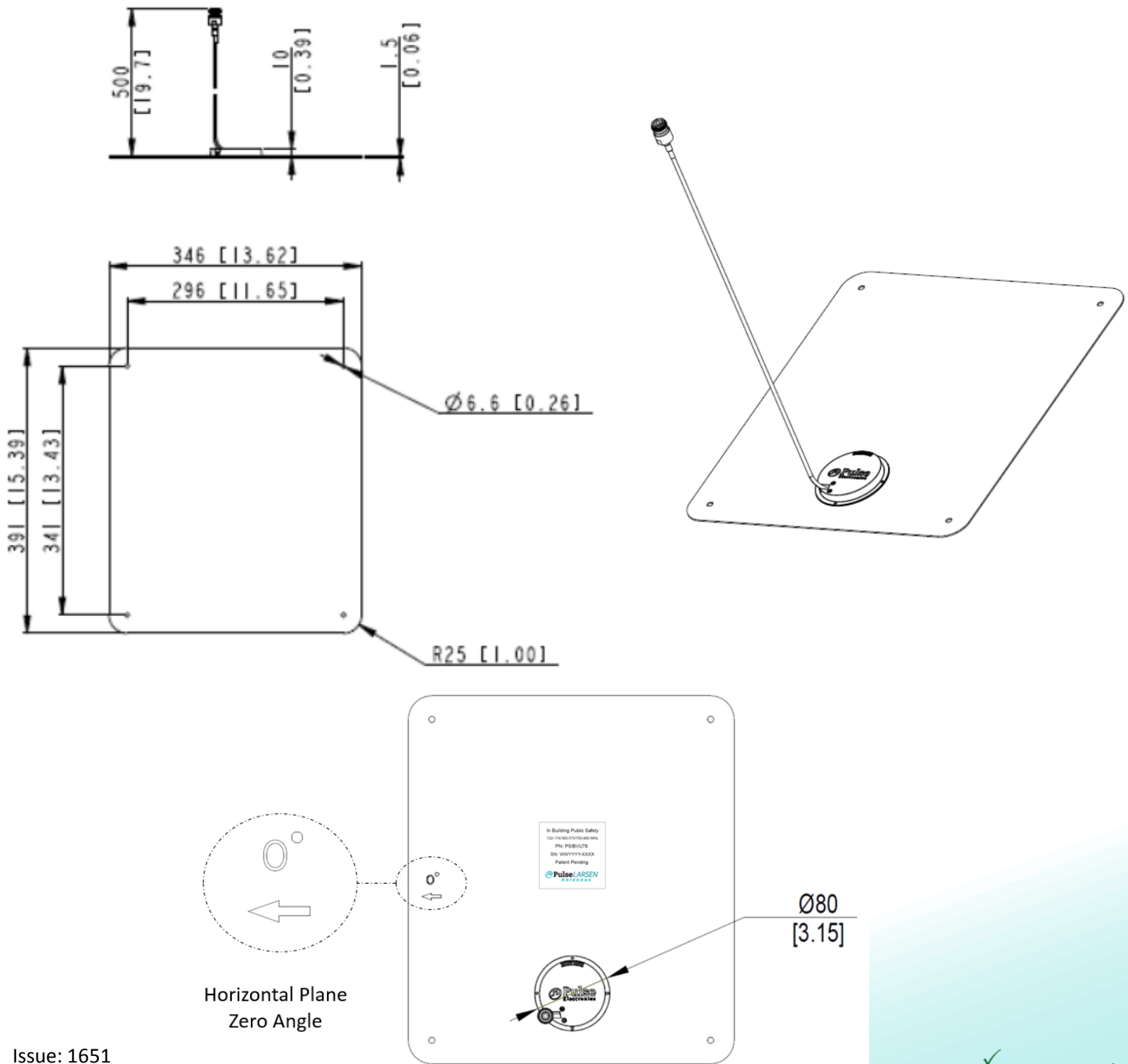
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Antenna 132-174 / 380-570 / 700-960 MHz

Series: V-Thinity V/H/7/8

PART NUMBER: PSIBVU78

MECHANICAL DRAWING



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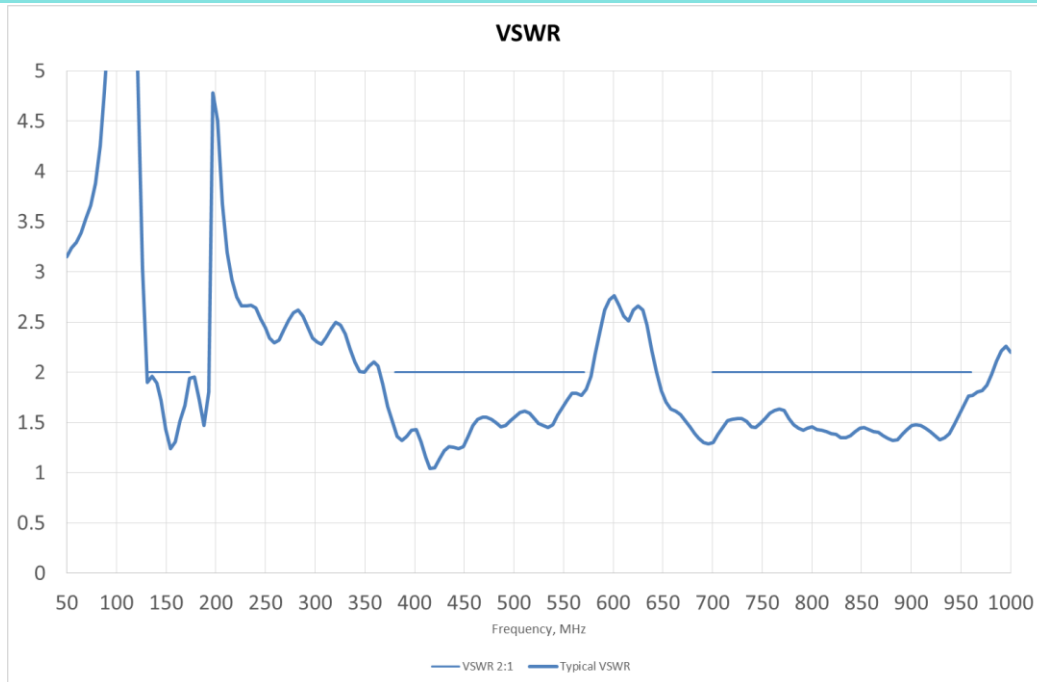
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Description: In Building Public Safety
Antenna 132-174 / 380-570 / 700-960 MHz

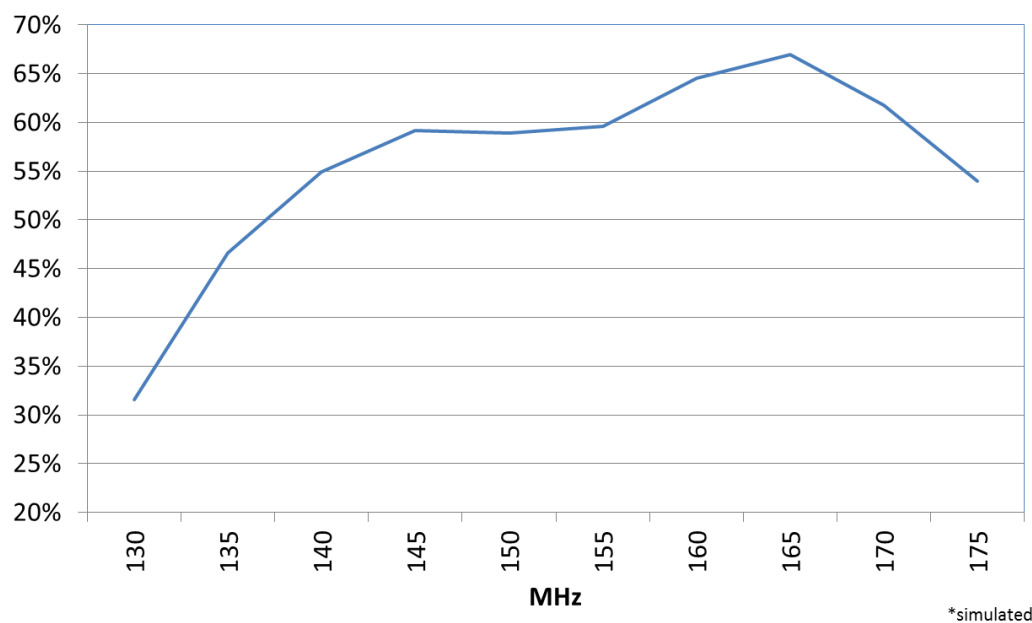
Series: V-Thinity V/H/7/8

PART NUMBER: PSIBVU78

CHARTS – antenna mounted against ceiling tile with 2ft x 2ft metal suspension frame



Total efficiency, % - 132-174MHz



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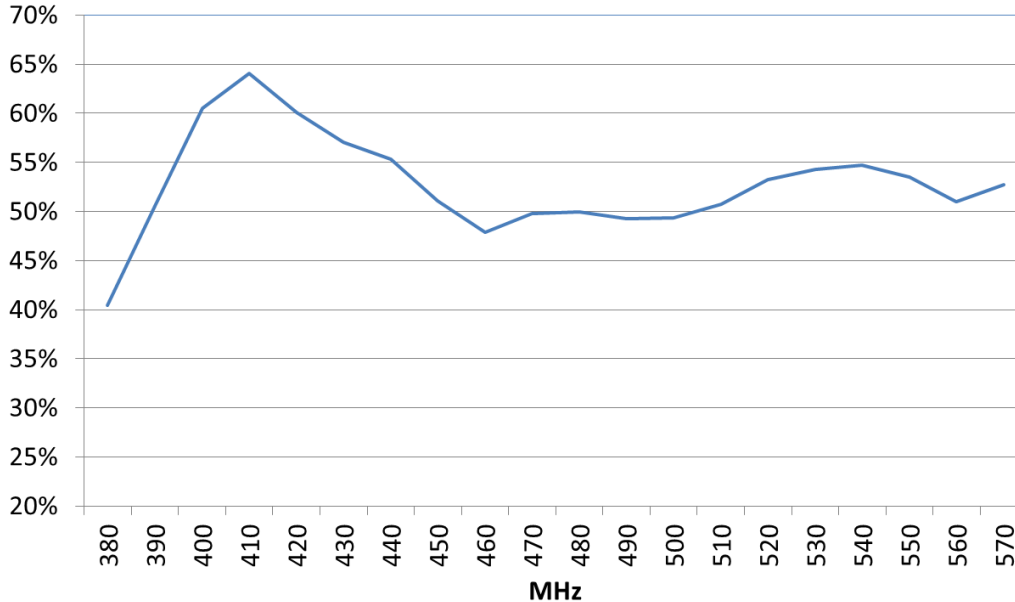
Description: In Building Public Safety
Antenna 132-174 / 380-570 / 700-960 MHz

Series: V-Thinity V/H/7/8

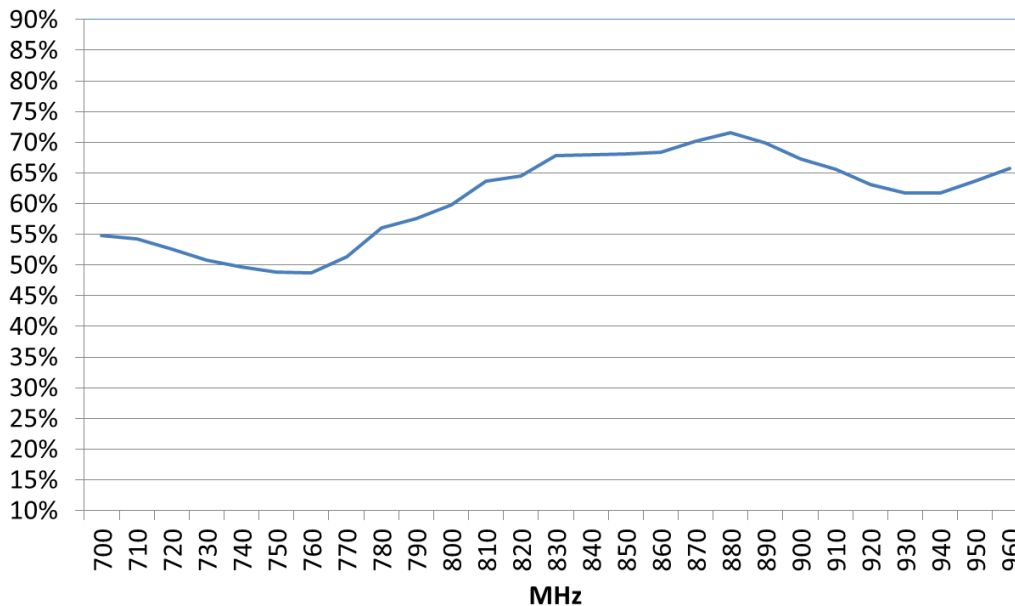
PART NUMBER: PSIBVU78

CHARTS – antenna mounted against ceiling tile with 2ft x 2ft metal suspension frame

Total efficiency, % - 380-570MHz



Total efficiency, % - 700-960MHz



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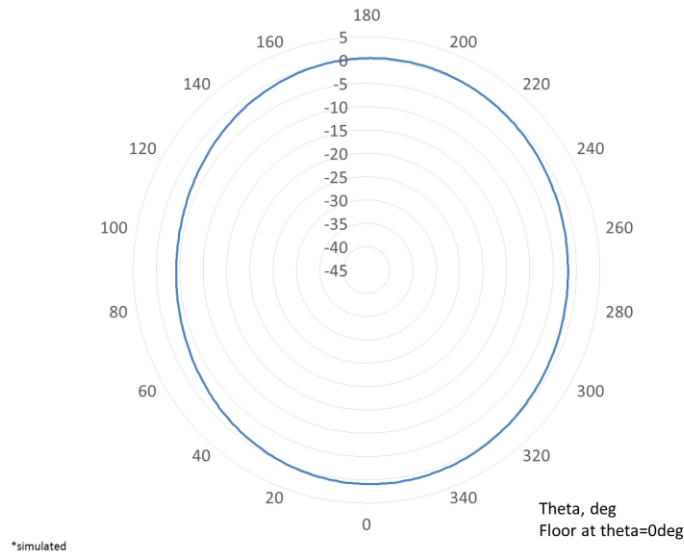
Description: In Building Public Safety
Antenna 132-174 / 380-570 / 700-960 MHz

Series: V-Thinity V/H/7/8

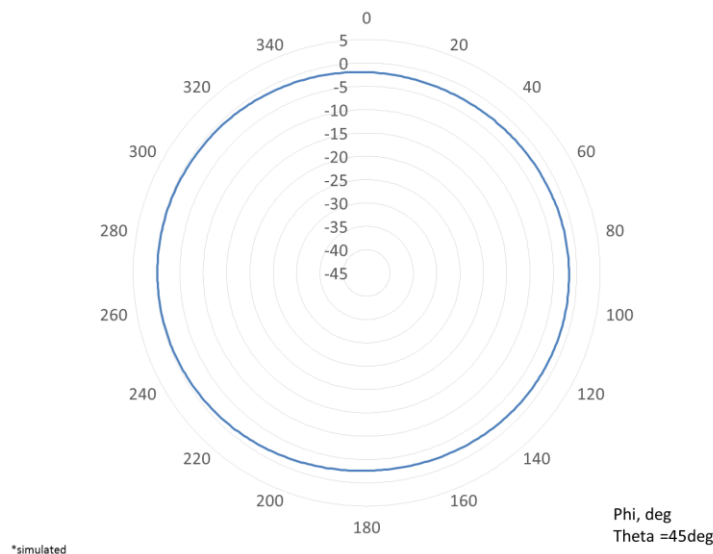
PART NUMBER: PSIBVU78

CHARTS – antenna mounted against ceiling tile with 2ft x 2ft metal suspension frame

Vertical plane 132-174MHz



Horizontal plane 132-174MHz



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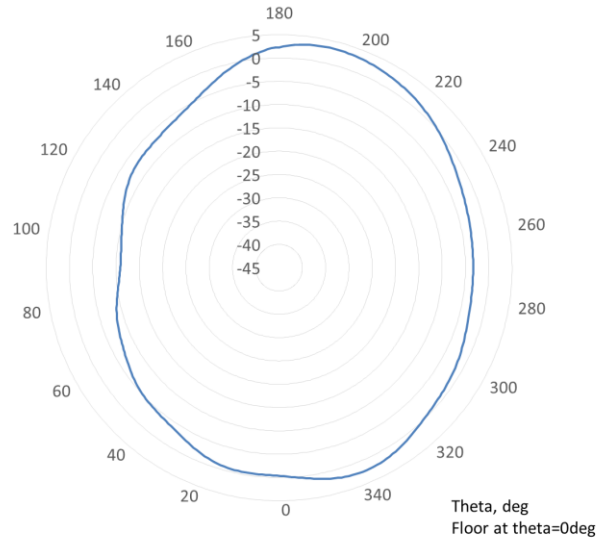
Description: In Building Public Safety
Antenna 132-174 / 380-570 / 700-960 MHz

Series: V-Thinity V/H/7/8

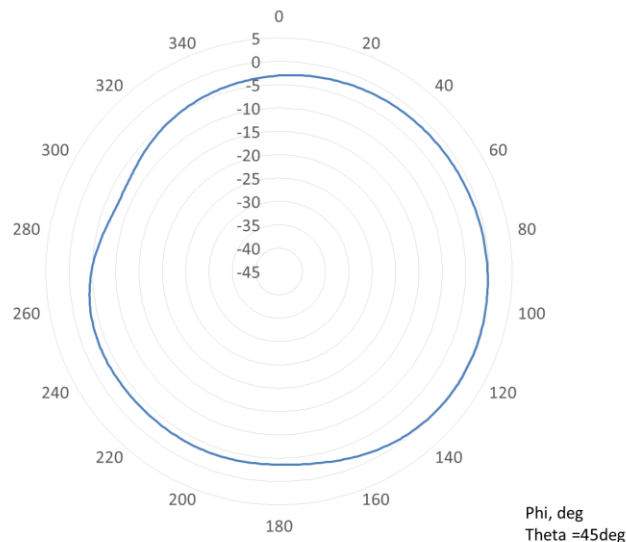
PART NUMBER: PSIBVU78

CHARTS – antenna mounted against ceiling tile with 2ft x 2ft metal suspension frame

Vertical plane 380-570MHz



Horizontal plane 380-570MHz



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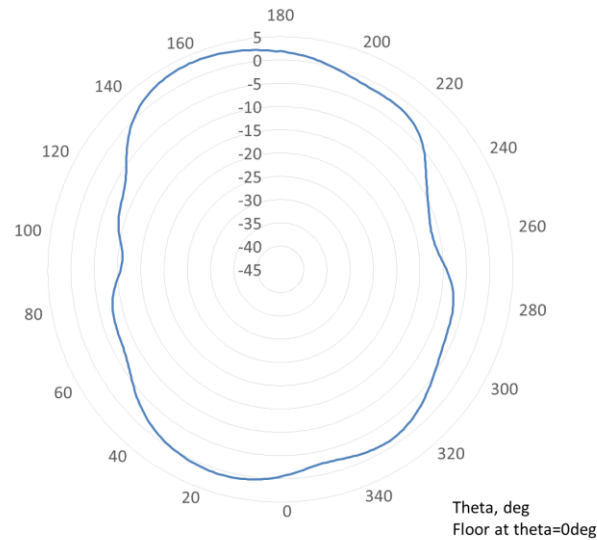
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Antenna 132-174 / 380-570 / 700-960 MHz

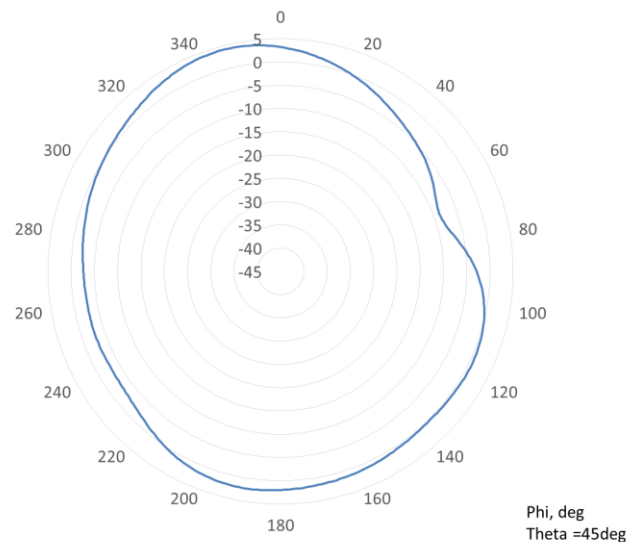
PART NUMBER: PSIBVU78

CHARTS – antenna mounted against ceiling tile with 2ft x 2ft metal suspension frame

Vertical plane 700-960MHz



Horizontal plane 700-960MHz



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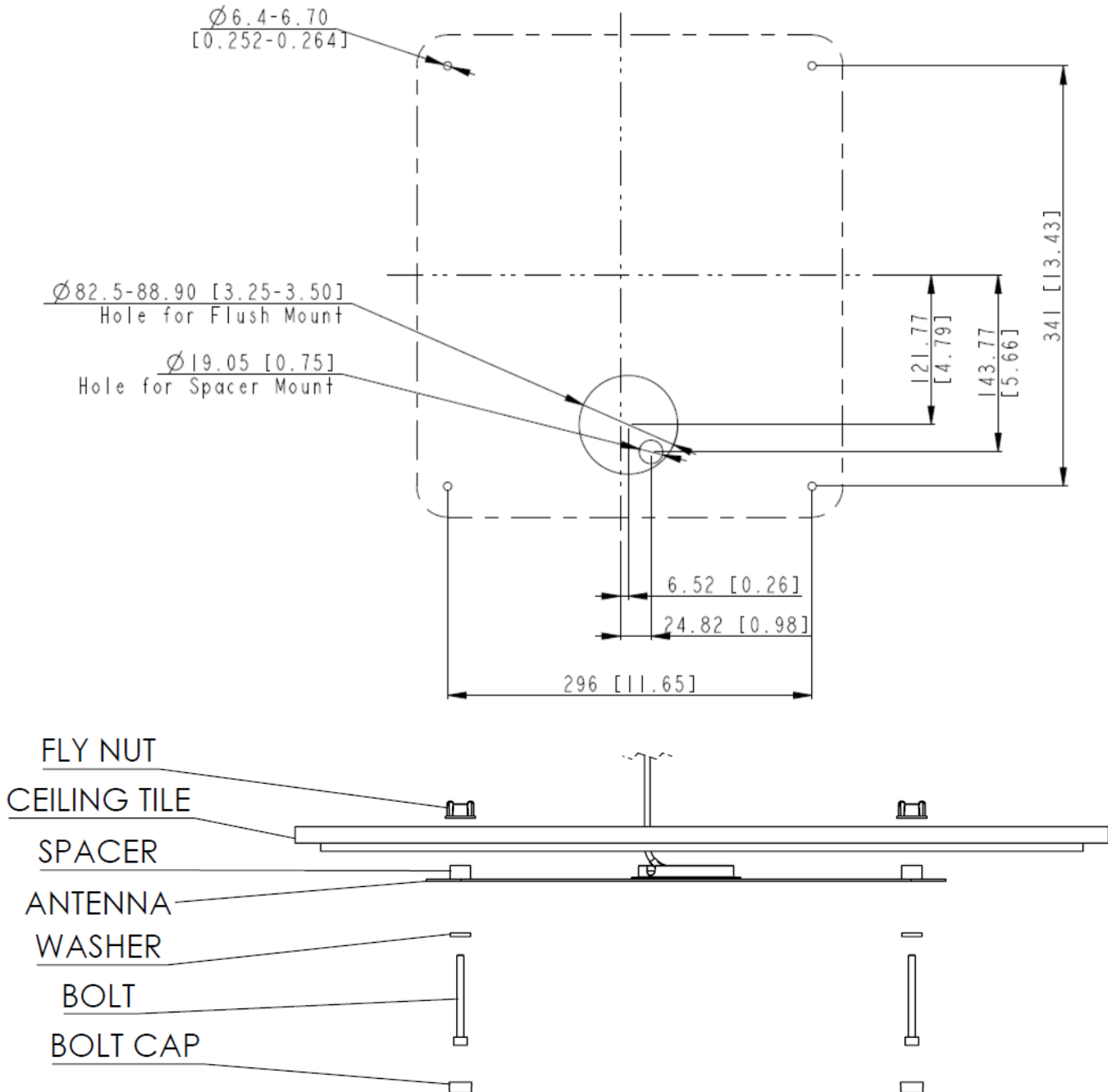
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ASSEMBLY



* Spacer to be used in gypsum & concrete installations

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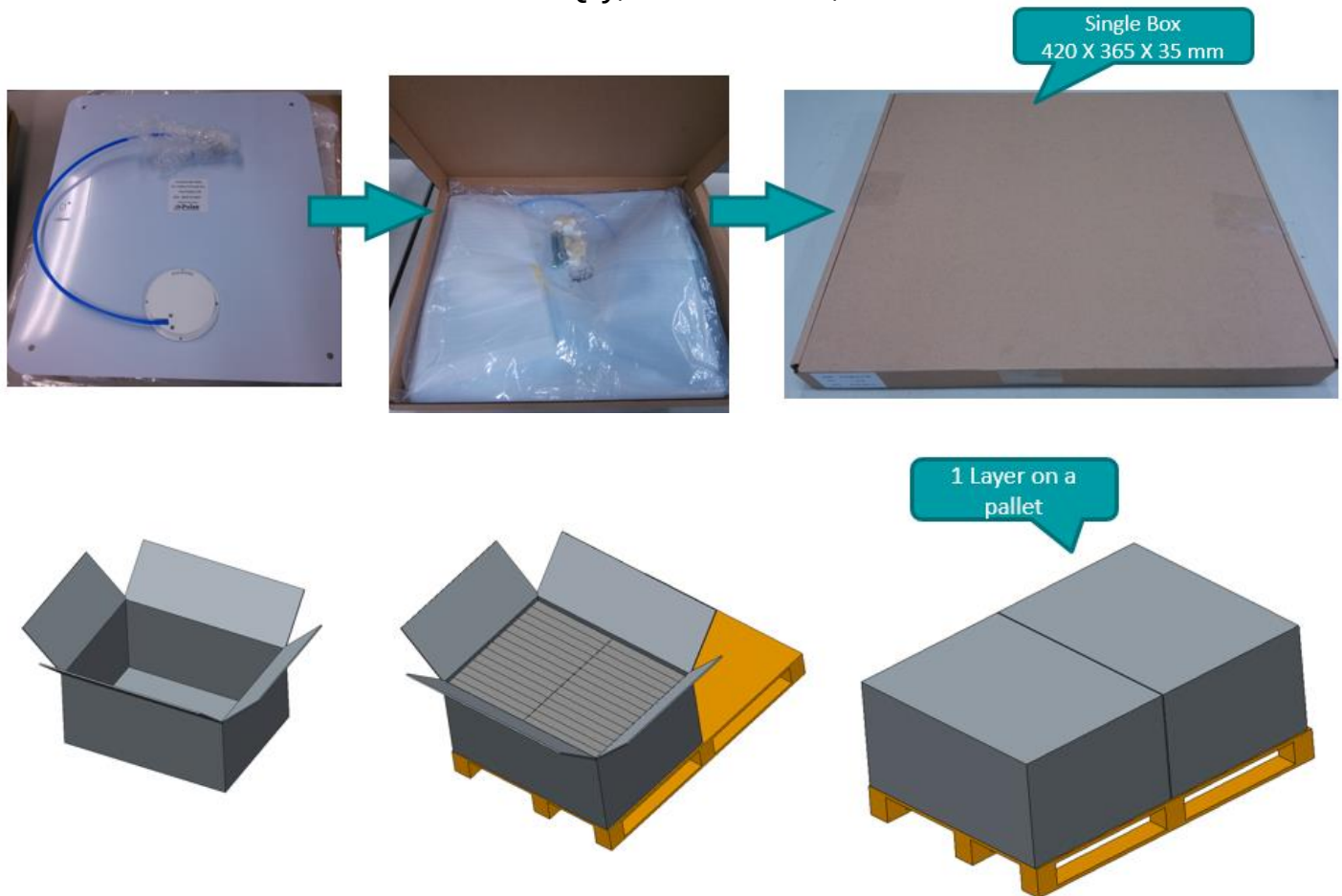
Series: V-Thinity V/H/7/8

Description: In Building Public Safety
Antenna 132-174 / 380-570 / 700-960 MHz

PART NUMBER: PSIBVU78

Packaging

- Each antenna packed in a plastic bag and a single box
- 1 label on each antenna with Part number, Description, Serial number, date code
- 34 single boxes of antennas packed in a master carton.
- 1 label on each carton with Qty, Part number, Date code.



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