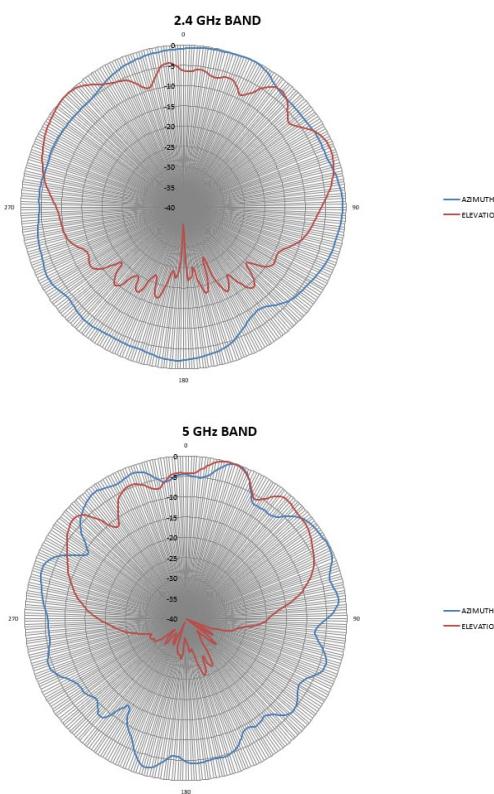


# Raised Access Floor Antenna with 4 RPTNC Connectors ASM Access Flooring Panels



Ventev's patented Raised Access Floor Wi-Fi Antenna embeds Ventev's proprietary antenna technology into ASM AL80000W Access Flooring panels. The Access Floor Antenna is typically deployed in raised-floor environments, such as offices, schools, libraries, museums and casinos, where aesthetics and an open environment matter. Deployed under a variety of fabrics and finishes, this antenna will withstand normal office activities, including proper load bearing, with no performance degradation. *Every Ventev antenna is covered by the company's two-year warranty program.*

**For more information or to purchase, contact Ventev:** 800.851.4965 or [sales@ventev.com](mailto:sales@ventev.com).

Access Floor Tile Specifications													
Base Tile	ASM Panel: AL8000W												
Dimensions Tile with Antenna	Length	24"	Width	24"	Height	1.4"							
Weight	63 lbs												
Concentrated Loads*	$\leq 2500$ lbs.												
Uniform Loads*	600 lbs.												
Rolling Loads*	1500 lbs: 10 Passes		900 lbs: 10,000 Passes										
*Loads Note	Load bearing limits require floor tile to be securely screwed into understructure pedestals												
Antenna Specifications													
SKU	248961												
Model Number	M6030060042402ASM												
Frequency Ranges	2.4-2.5 GHz			5.150-5.850 GHz									
Gain	$\leq 3$ dBi			$\leq 6$ dBi									
Vertical Beamwidth ° (Antenna Length Axis)	35/20												
Vertical Beamwidth ° (Antenna Width Axis)	35/20												
Horizontal Beamwidth °	360°												
Front-to-Back Ratio	N/A												
VSWR	$\leq 2.5$ dBi		$\leq 2.5$ dBi										
Note: The VSWR readings assume carpet is covering the Panel.													
Passive Inter-Modulation	NA												
Polarization	Vertical												
Operating Temperature	0°F to 140°F												
Max Power Rating	10W												
Connector and Leads	4x RPTNC Plug Connectors and 4x 36" Plenum Leads. All leads same color.												
Mount	Atop Raised Access Flooring Pedestals												
Dimensions (Inches)	Length	13.78"	Width	9"	Height	0.11"							
Compliance	RoHS	Antenna = Yes	UL 94-V0	NA									

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## INSTALLATION GUIDELINES

The ASM Panel contains integrated wireless transmission antenna technology. The panel is designed to accommodate standard office environment traffic and life-cycle activity. Panels are to be installed after completion of construction and move-in cycle loading conditions. Floor protection is to be utilized over the panel during any period of non-standard activity such as furniture reconfiguration or movement of heavy equipment. Minimum recommended floor protection is 1/2" plywood or equivalent. The embedded antenna's cables and connectors are also susceptible to damage if not handled carefully. The cables should remain looped and tie-wrapped until connection with the radio access point.

## PRODUCT WARRANTY

Ventev guarantees to the end user of this product that it is free from defects in material and workmanship – and that if used in accordance with the specifications and Installation Guidelines in this document - it will perform as specified for two years from the date of purchase. This Warranty does not cover damages caused by accident, misuse, modification, acts of nature, improper installation, excessive loading, mishandling, or abnormal wear and tear. This warranty is Ventev's only warranty for the Access Floor Panel Antenna product. There are no other express or implied warranties for this product including any warranty of merchantability or fitness for a particular purpose; and purchaser's remedy is limited to replacement of the product. Ventev will not be liable for any indirect, incidental, or punitive damages arising from the use of any Ventev products. The Ventev Warranty does not, in any situation, cover the repair or replacement of property, including but not limited to, electronic devices and/or other personal property. This warranty applies specifically and only to Google's use of Ventev's Floor Panel Antenna.

## SAR DISCLAIMER

"This product has been shown to be compliant for localized specific absorption rate (SAR) for uncontrolled environment/general exposure limits specified in ANSI/IEEE Std. C95.1-1992 and has been tested by RF Exposure Lab in accordance with the measurement procedures specified in IEEE 1528-2013 and IEC 62209-2:2010. The typical usage scenario for this antenna is a person standing directly atop the radiating antenna. Testing showed the FCC's RF exposure limit is not exceeded at the maximum 23 dBm power out of the radio (access point) in the typical usage scenario. A worst case scenario of someone lying directly on top of the radiating antenna was also tested, and results show the FCC's RF exposure requirements are not exceeded at a power level of 15 dBm (or less) out of the radio (access point)."