

# OmniAccess® STELLAR WLAN

Alcatel-Lucent  
Enterprise

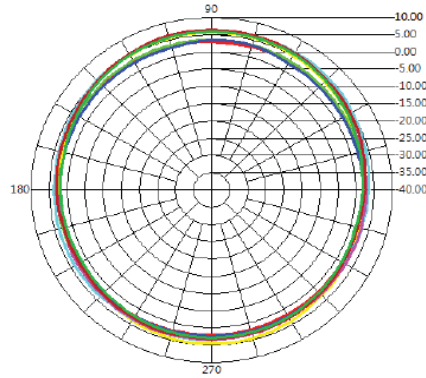
## ACCESSORIES INDOOR / OUTDOOR ANTENNAS

FEBRUARY 2020

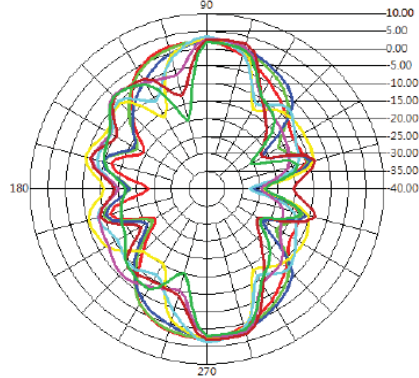
# INDOOR AP ANTENNAS

Model Number	ANT-O-6	ANT-O-M4-5	ANT-S-M4-30	ANT-S-M4-60	ANT-S-M4-120
Configuration	Omni Dual Band	Omni Dual Band	Sector 5GHz Band (37°)	Sector Dual Band	Sector Dual Band
Polarization	Linear; Vertical	linear,vertical & horizontal	Vertical, Horizontal & Dual Slant (±45°)	linear,vertical & horizontal	Double dual Slant ±45°
Gain	4dBi@2.4GHz 6dBi@5GHz	3.3dBi@2.4GHz 5.5dBi@5GHz	13dBi@5GHz	4.5dBi@2.4GHz 6dBi@5GHz	5dBi@2.4GHz 5dBi@5GHz
Beam-Width	H-Plane:360 degrees	H-Plane:360 degrees	H-Plane 37° , E-Plane 37°	H-Plane 60° , E-Plane 60°	H-Plane 120° , E-Plane 70°
Working with AP1222	Yes, direct mount	Yes, typically used in indoor ceiling mount, Omni Wi-Fi coverage.	Yes, typically used in indoor wall mount, 13° directional high-gain coverage.	Yes, typically used in indoor wall mount, 60° directional Wi-Fi coverage.	Yes, typically used in indoor wall mount, 120° directional Wi-Fi coverage.
Working with AP1232	Yes, direct mount	Yes, typically 2*ANT-O-M4-5, used in indoor ceiling mount, Omni Wi-Fi coverage.	Yes, typically 2*ANT-S-M4-60, used in indoor wall mount, 13° directional high-gain .	Yes, typically 2*ANT-S-M4-60, used in indoor wall mount, 60° directional Wi-Fi coverage.	Yes, typically 2*ANT-S-M4-60, used in indoor wall mount, 120° directional Wi-Fi coverage.
Working with AP1322	Yes, direct mount	Yes, typically used in indoor ceiling mount, Omni Wi-Fi coverage.	Yes, typically used in indoor wall mount, 13° directional high-gain coverage.	Yes, typically used in indoor wall mount, 60° directional Wi-Fi coverage.	Yes, typically used in indoor wall mount, 120° directional Wi-Fi coverage.

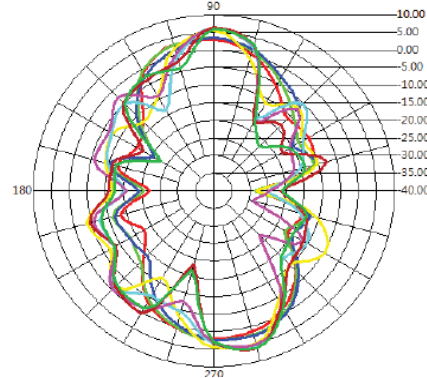
# ANT-O-6



2.4/5 Ghz Azimuth



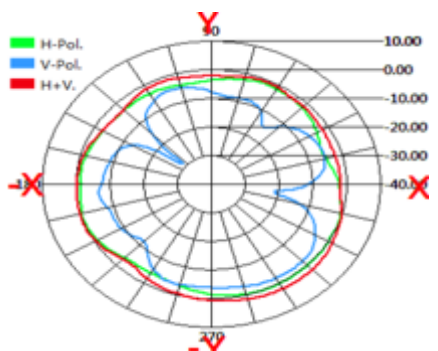
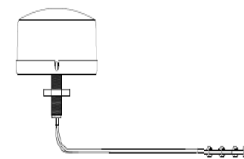
2.4/5 Ghz Elevation 0



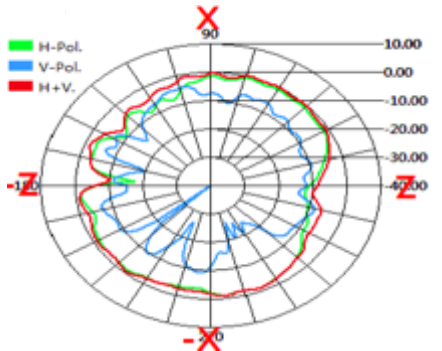
2.4/5 Ghz Elevation 90

<b>Model Number</b>	<b>ANT-O-6</b>
<b>Configuration</b>	Omni Dual Band
<b>Gain</b>	4dBi@2.4GHz 6dBi@5GHz
<b>Beam-Width</b>	H-Plane:360 degrees
<b>Polarization</b>	Linear; Vertical
<b>Connector</b>	RPSMA-J
<b>Cable</b>	None
<b>Operating Temp</b>	-10C to 60C
<b>Mount</b>	Direct

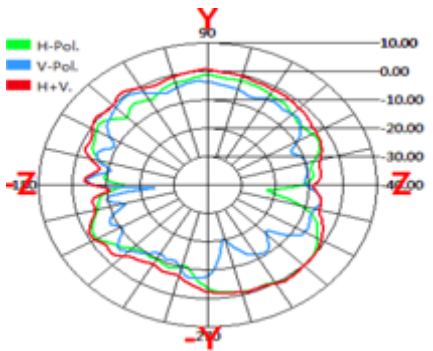
# ANT-O-M4-5



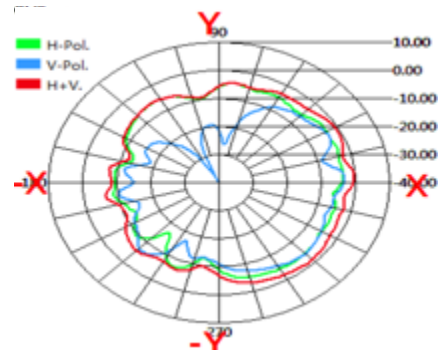
2.4GHz Azimuth



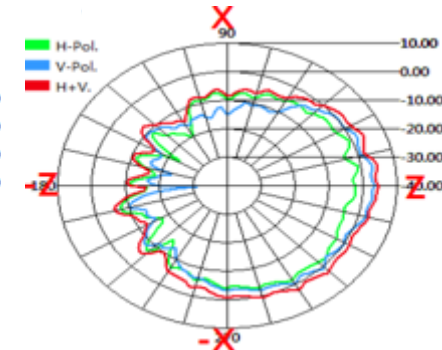
2.4GHz Elevation 0



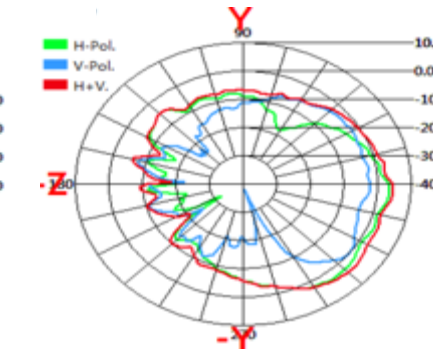
2.4GHz Elevation 90



5GHz Azimuth



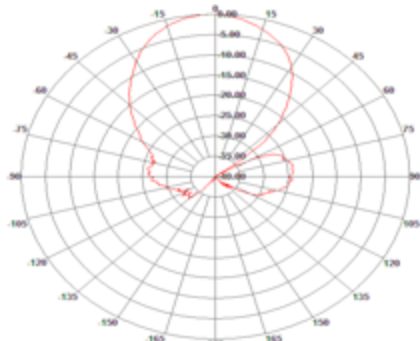
5GHz Elevation 0



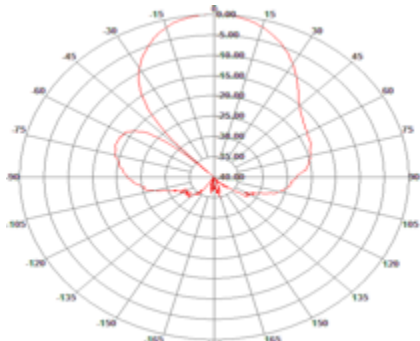
5GHz Elevation 90

<b>Model Number</b>	<b>ANT-O-M4-5</b>
<b>Configuration</b>	Omni Dual Band
<b>Gain</b>	3.3dBi@2.4GHz 5.5dBi@5GHz
<b>Beam-Width</b>	H-Plane:360 degrees
<b>Polarization</b>	Vertical & Horizontal
<b>Connector</b>	RPSMA-J
<b>Cable</b>	RPSMA-J+086 (20in)
<b>Operating Temp</b>	-40C to 70C
<b>Dimensions</b>	NA
<b>Weight</b>	350gr
<b>Mount</b>	Ceiling mount

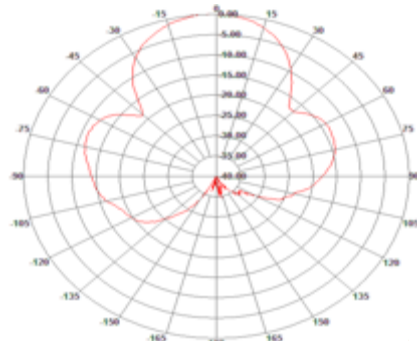
# ANT-S-M4-30



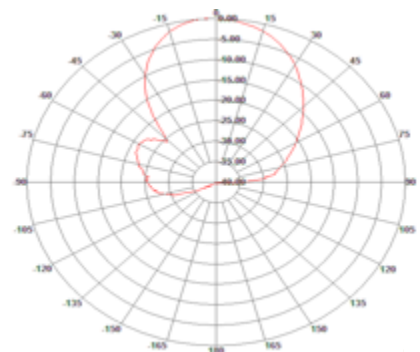
**+45 Azimuth**



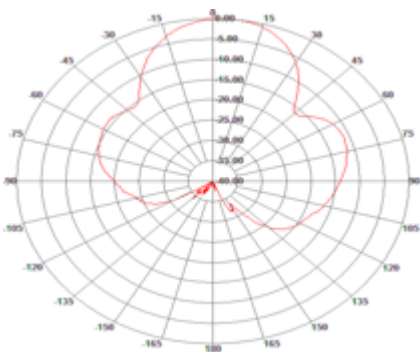
**H Plane Azimuth**



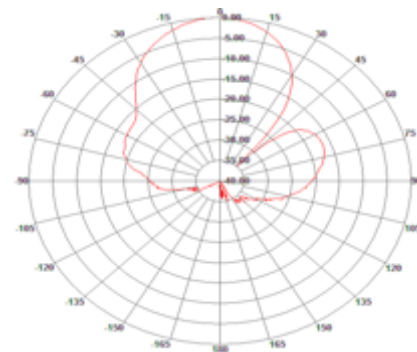
**V Plane Azimuth**



**+45 Elevation**



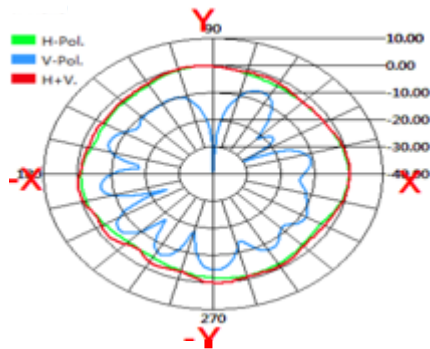
**H Plane Elevation**



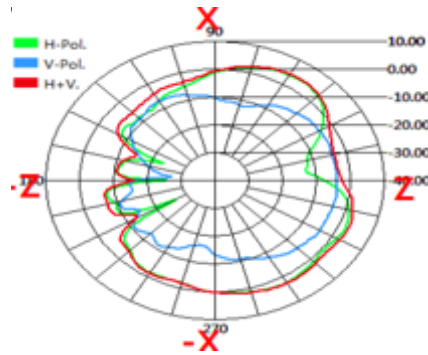
**V Plane Elevation**

<b>Model Number</b>	<b>ANT-S-M4-30</b>
<b>Configuration</b>	Sector 5GHz Band
<b>Gain</b>	13dBi@5GHz
<b>Beam-Width</b>	H-Plane 37°, E-Plane 37°
<b>Polarization</b>	Vertical, Horizontal & Dual Slant ( $\pm 45^\circ$ )
<b>Connector</b>	RPSMA-J
<b>Cable</b>	SMA-J/RPSMA-J
<b>Operating Temp</b>	-40C to 65C
<b>Dimensions</b>	7.9" x 7.9" x 1.25"
<b>Weight</b>	400gr
<b>Mount</b>	Wall/Pole mount

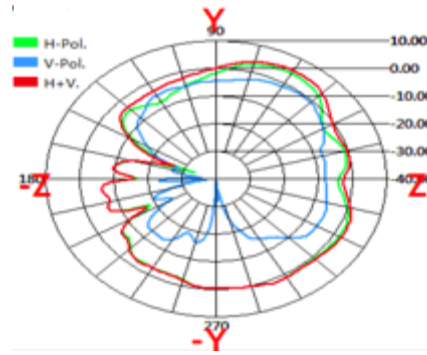
# ANT-S-M4-60



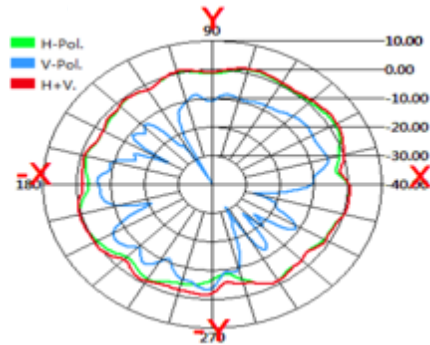
2.4Ghz Azimuth



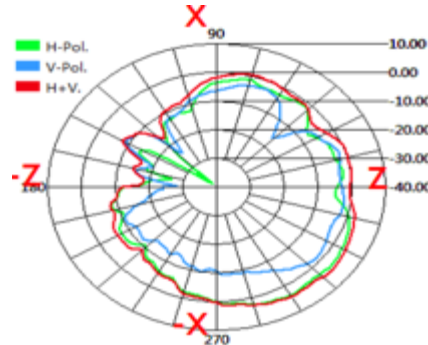
2.4Ghz Elevation 0



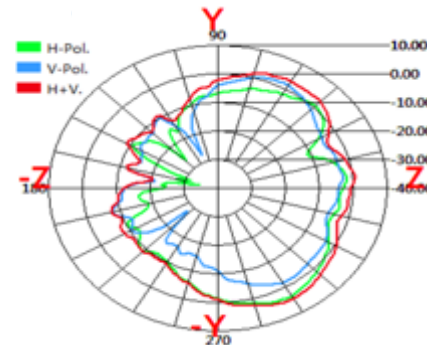
2.4Ghz Elevation 90



5Ghz Azimuth



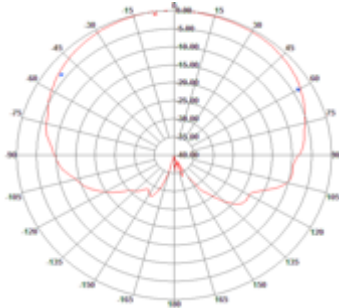
5Ghz Elevation 0



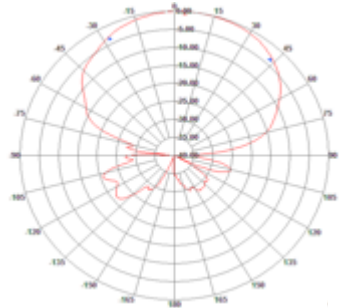
5Ghz Elevation 90

<b>Model Number</b>	<b>ANT-S-M4-60</b>
<b>Configuration</b>	Sector Dual Band
<b>Gain</b>	4.5dBi@2.4GHz 6dBi@5GHz
<b>Beam-Width</b>	H-Plane 60°, E-Plane 60°
<b>Polarization</b>	Linear, Vertical & Horizontal
<b>Connector</b>	RPSMA-J
<b>Cable</b>	SMA-J/RPSMA-J (30in)
<b>Cable Loss</b>	<1.2dB 2.4Ghz <1.8dB 5Ghz
<b>Operating Temp</b>	-40C to 70C
<b>Dimensions</b>	8.5" x 8.5" x 1.63"
<b>Weight</b>	1000gr
<b>Mount</b>	Wall mount

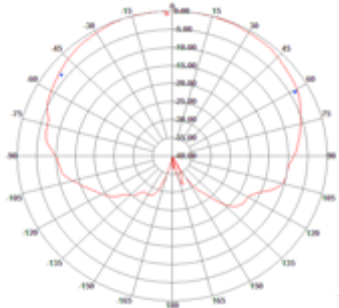
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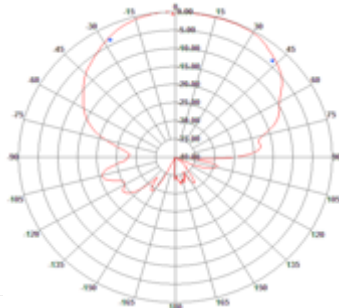
2.4Ghz +45 H Plane



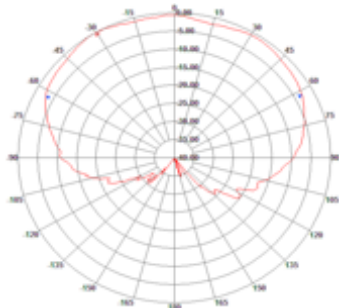
2.4Ghz +45 E Plane



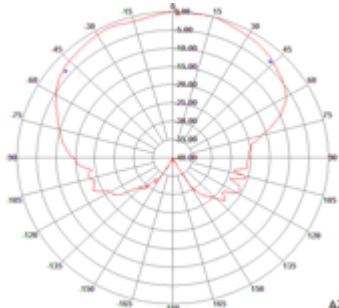
2.4Ghz -45 H Plane



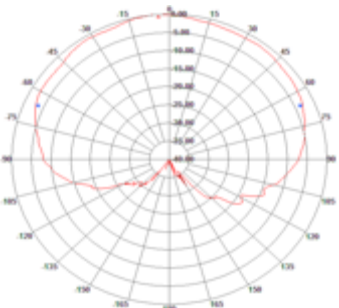
2.4Ghz -45 E Plane



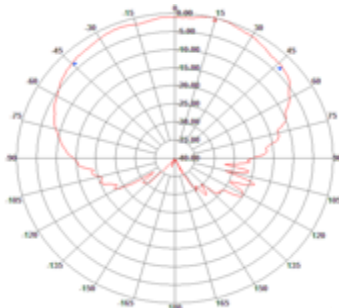
5Ghz +45 H Plane



5Ghz +45 E Plane



5Ghz -45 H Plane

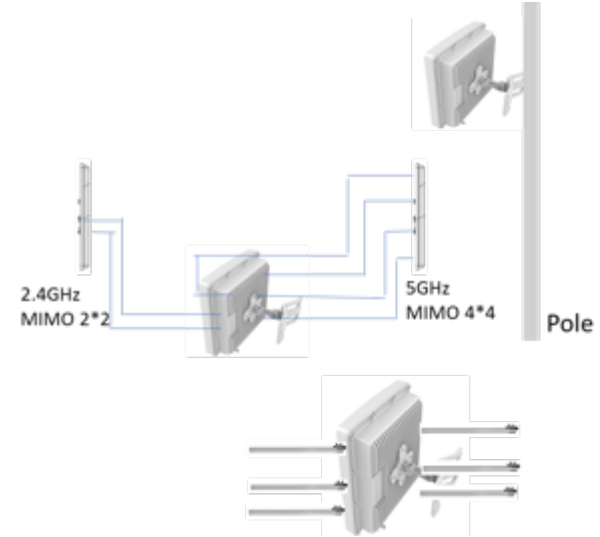


5Ghz -45 E Plane

<b>Model Number</b>	ANT-S-M4-120
<b>Configuration</b>	Sector Dual Band
<b>Gain</b>	5dBi@2.4GHz 5dBi@5GHz
<b>Beam-Width</b>	H-Plane 120°, E-Plane 70°
<b>Polarization</b>	Double dual Slant $\pm 45^\circ$
<b>Connector</b>	RPSMA-J
<b>Cable</b>	SMA-J/RPSMA-J (4x 0.75m pigtail)
<b>Operating Temp</b>	-40C to 70C
<b>Dimensions</b>	7.9" x 7.9" x 1.25"
<b>Weight</b>	260gr
<b>Mount</b>	Wall mount

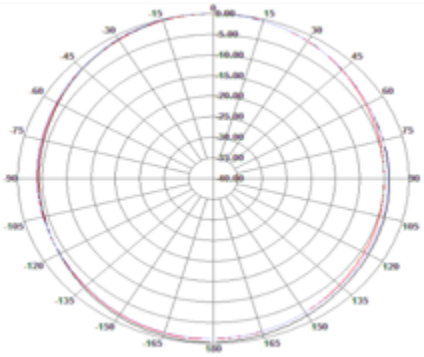
# OUTDOOR AP ANTENNAS

<b>Model Number</b>	<b>ANT-O-M2-5</b>	<b>ANT-O-M4-9</b>
<b>Configuration</b>	Omni Dual Band	Omni Dual Band
<b>Polarization</b>	Vertical & Horizontal	Vertical & Horizontal
<b>Gain</b>	5dBi@2.4GHz 8dBi@5GHz	7.5dBi@2.4GHz, 9dBi@5GHz
<b>Beam-Width</b>	Azimuth (Omni), Elevation (35°/25°)	Azimuth (Omni), Elevation (22°/11°)
<b>Working with AP1362</b>	Yes, 2*2 MIMO Wi-Fi Coverage	Yes, 4*4 MIMO Wi-Fi Coverage

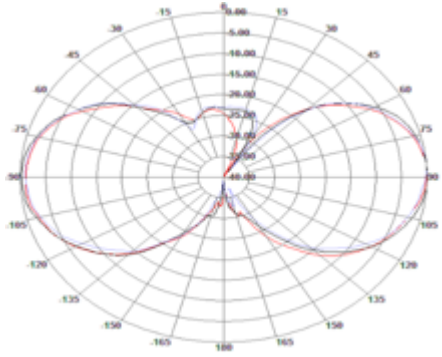




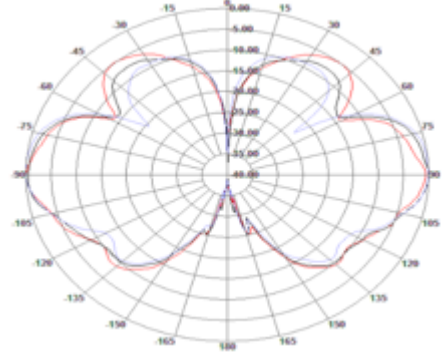
# ANT-O-M2-5



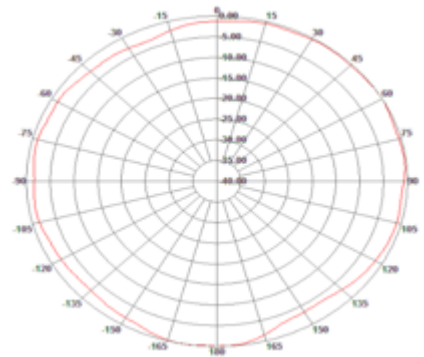
2.4Ghz Azimuth



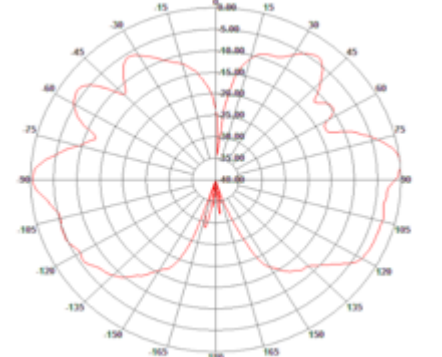
2.4Ghz H Plane



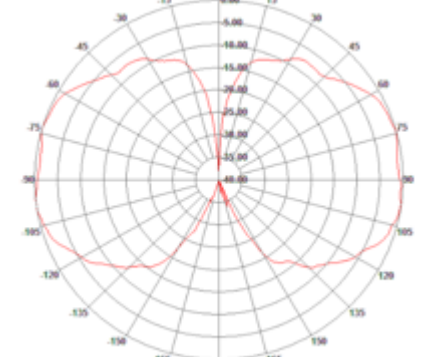
2.4Ghz V Plane



5Ghz Azimuth



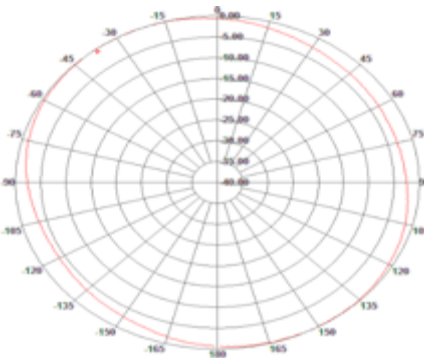
5Ghz H Plane



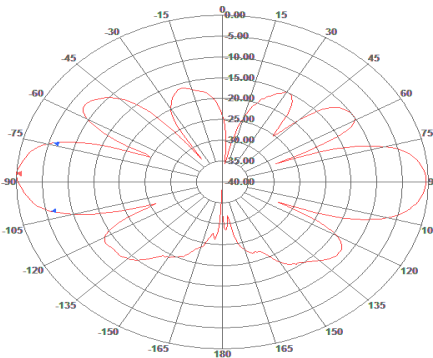
5Ghz V Plane

<b>Model Number</b>	<b>ANT-O-M2-5</b>
<b>Configuration</b>	Omni Dual Band
<b>Gain</b>	5dBi@2.4GHz 8dBi@5GHz
<b>Beam-Width</b>	Azimuth (Omni), Elavation (35°/25°)
<b>Polarization</b>	Vertical & Horizontal
<b>Connector</b>	2*N-Type Female
<b>Operating Temp</b>	-40C to 65C
<b>Dimension</b>	15.7" L and 2.36 Di
<b>Weight</b>	600gr
<b>Mount</b>	2" Pole Mount
<b>Working with AP1362</b>	Yes, 2*2 MIMO Wi-Fi Coverage

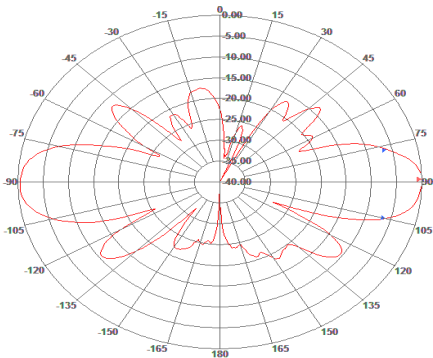
# ANT-O-M4-9



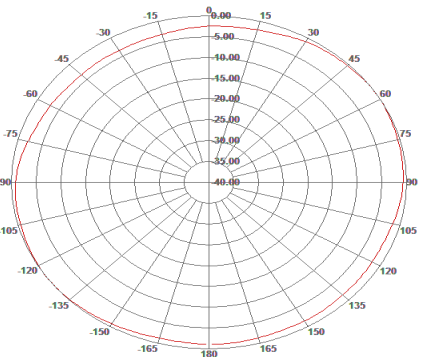
**2.4Ghz Azimuth**



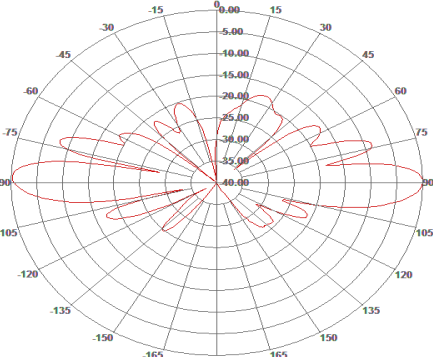
**2.4Ghz H Plane**



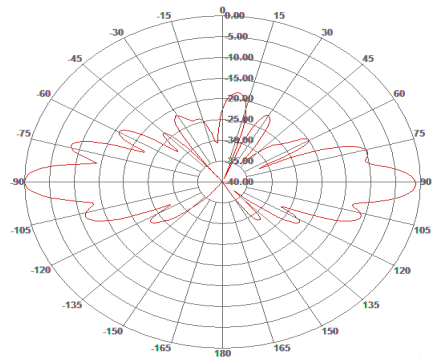
**2.4Ghz V Plane**



**5Ghz Azimuth**



**5Ghz H Plane**



**5Ghz V Plane**

<b>Model Number</b>	<b>ANT-O-M4-9</b>
<b>Configuration</b>	Omni Dual Band
<b>Gain</b>	7.5dBi@2.4GHz, 9dBi@5GHz
<b>Beam-Width</b>	Azimuth (Omni), Elavation (22°/11°)
<b>Polarization</b>	Vertical & Horizontal
<b>Connector</b>	4*N-Type Female
<b>Operating Temp</b>	-40C to 65C
<b>Dimensions</b>	38.2" and 2.75" Di
<b>Weight</b>	1100gr
<b>Mount</b>	2" Pole Mount
<b>Working with AP1362</b>	Yes, 4*4 MIMO Wi-Fi Coverage