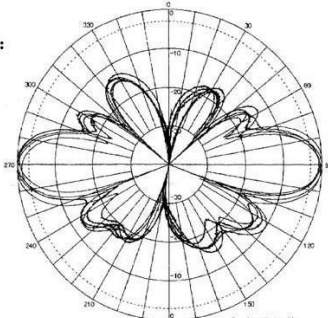


# Antenna 2.4GHz Specifications and Patterns

The chapter describes antenna specifications and patterns for the antennas supplied with the Wavion WBS-2400.

## SF-245W 2.4GHz Omnidirectional Antenna

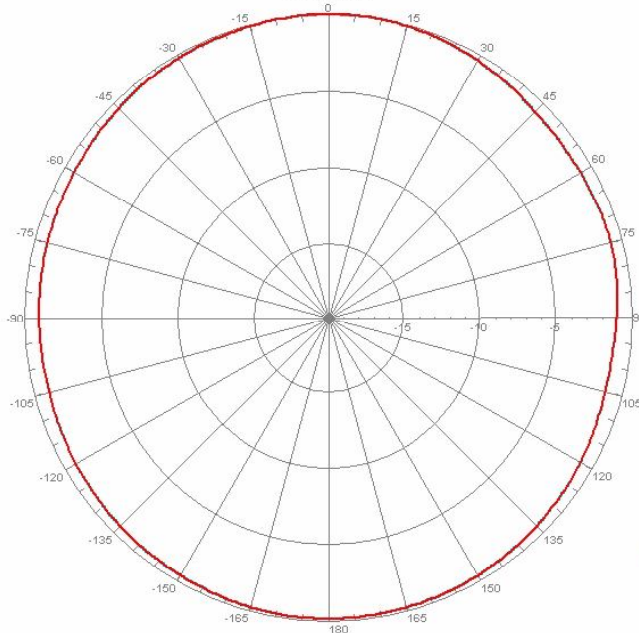
Specifications	Pattern
2400-2500MHz Gain: 7.4dBi Length: 17.5 inches Weight: 4.7 oz -3dB Beam-width: 20 degrees Cross Polar Rejection: 15dB + Max Power: 50 watts Max wind survival: 150MPH + Wind Load: 7.1 sq in Connector: Integral N-male Radome: White UV stabilized fiberglass Mast mounting hardware optional Mobile lip mount optional Mobile permanent mount optional	<p>Elevation pattern at:</p> <ul style="list-style-type: none"><li>2400MHz</li><li>2425MHz</li><li>2450MHz</li><li>2475MHz</li><li>2500MHz</li></ul> 

## MT\_342015NV\_SN\_035 2.4 GHz Antenna

The following describes the patterns for the antenna:

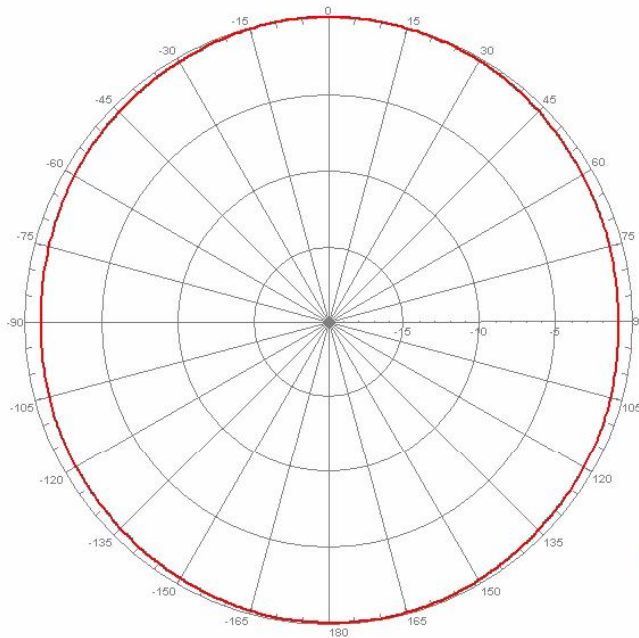
**MT\_342015NV\_SN\_035\_AZ\_2.4 Freq: 2.4 GHz**

Max= 7.55 dBi



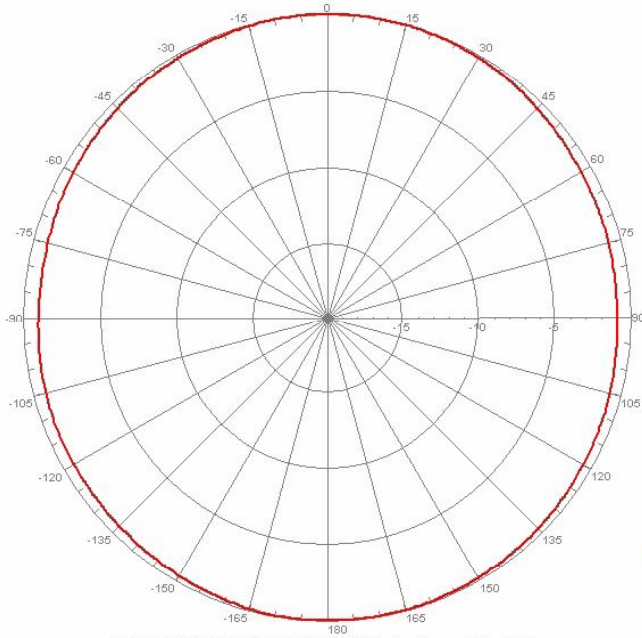
**MT\_342015NV\_SN\_035\_AZ\_2.5 Freq: 2.5 GHz**

Max= 7.53 dBi

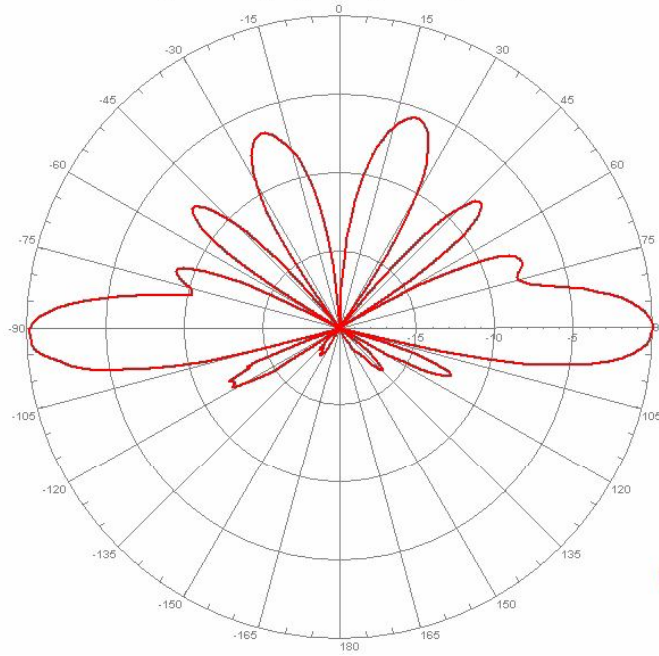


**MT\_342015NV\_SN\_035\_AZ\_2.4 Freq: 2.45 GHz**

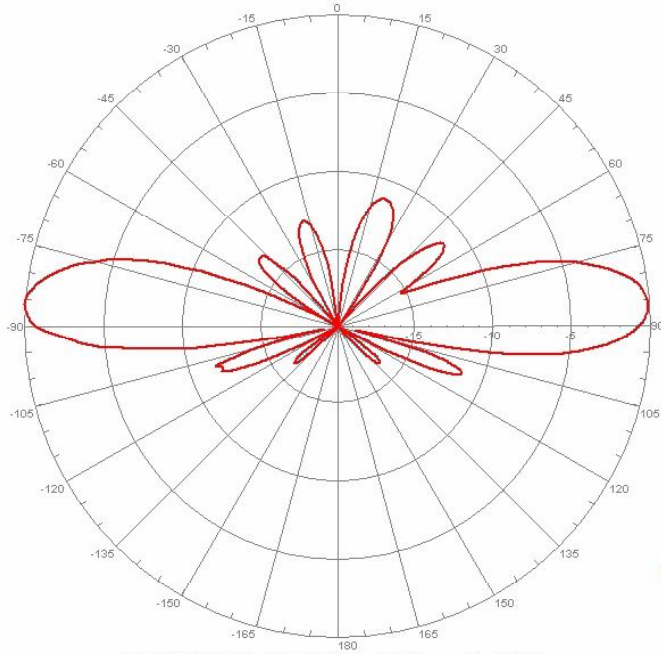
Max= 7.81 dBi



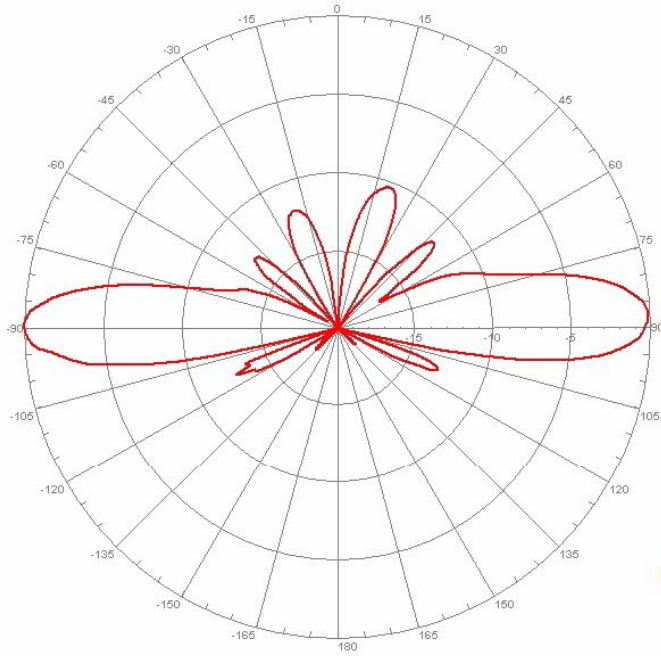
**MT\_342015NV\_SN\_035\_EL\_2.4 Freq: 2.4 GHz**



**MT\_342015NV\_SN\_035\_EL\_2.5 Freq: 2.5 GHz**



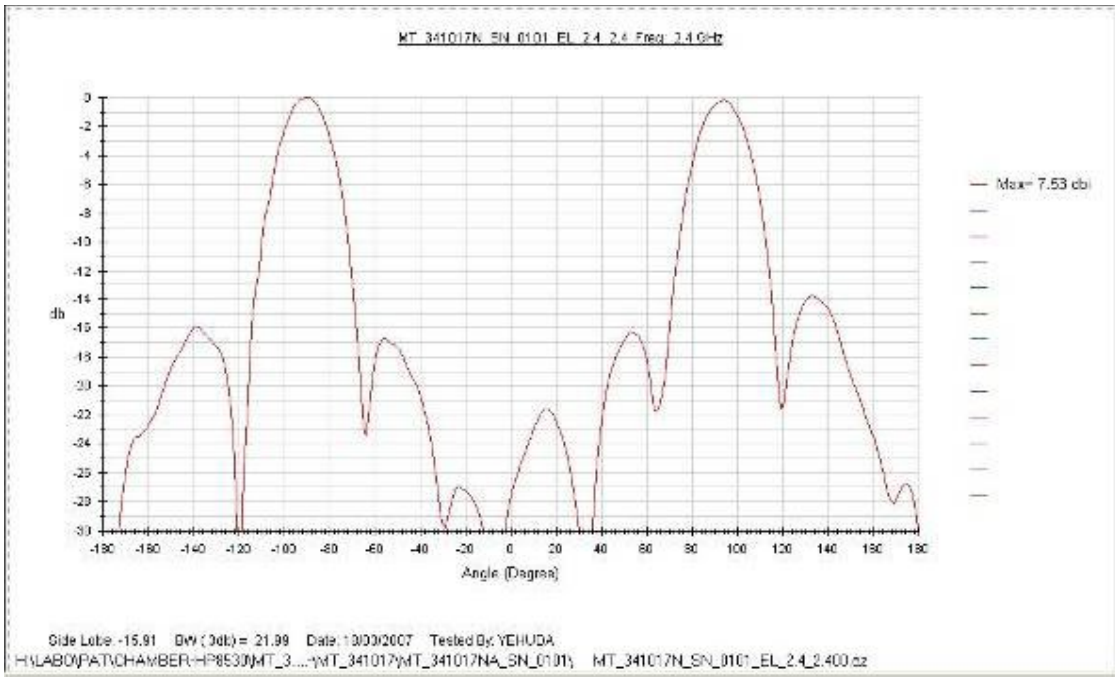
**MT\_342015NV\_SN\_035\_EL\_2.4 Freq: 2.45 GHz**



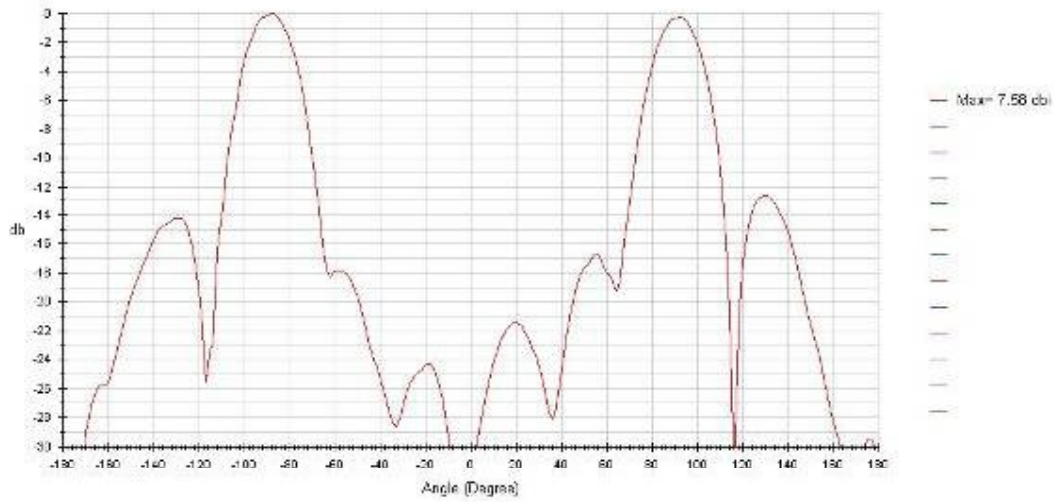
# MT\_341017NA\_SN\_101\_EL 2.4 GHz Antenna

The following describes the patterns for the antenna:



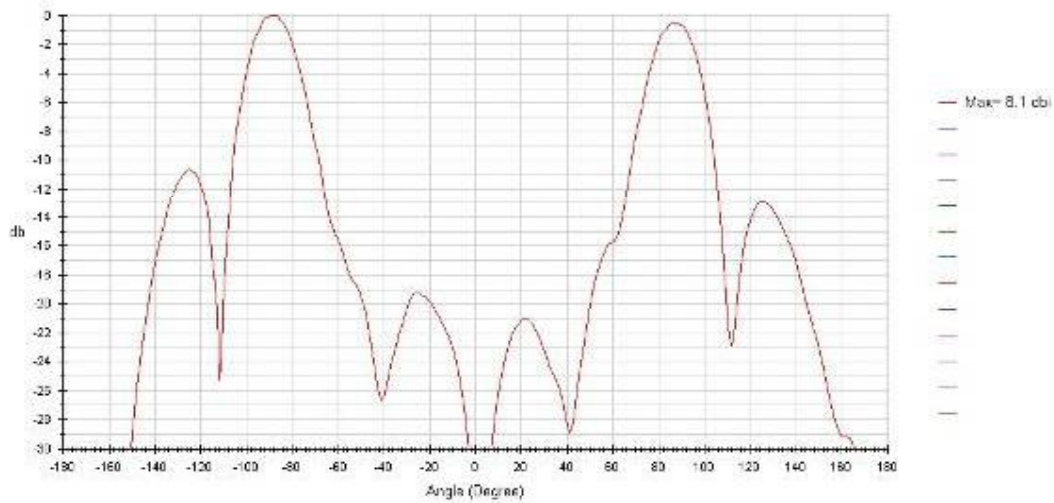


MT\_341017N\_SN\_0101\_EL\_2.45\_2.4 Freq: 2.45 GHz



Side Lobe: -14.27 BW (3db) = 21.95 Date: 13/09/2007 Tested By: YEHUDA  
H:\LABOR\PATCHAMBER-HP8530\MT\_3...-MT\_341017\MT\_341017NA\_SN\_0101 MT\_341017N\_SN\_0101\_EL\_2.45\_2.450.cz

MT\_341017N\_SN\_0101\_EL\_2.5\_2.5 Freq: 2.5 GHz



Side Lobe: -10.66 BW (3db) = 20.00 Date: 13/09/2007 Tested By: YEHUDA  
H:\LABOR\PATCHAMBER-HP8530\MT\_3...-MT\_341017\MT\_341017NA\_SN\_0101 MT\_341017N\_SN\_0101\_EL\_2.5\_2.500.cz