

Amimon Mushroom H

Antenna Specification

Part No. AMN_ASM_1011

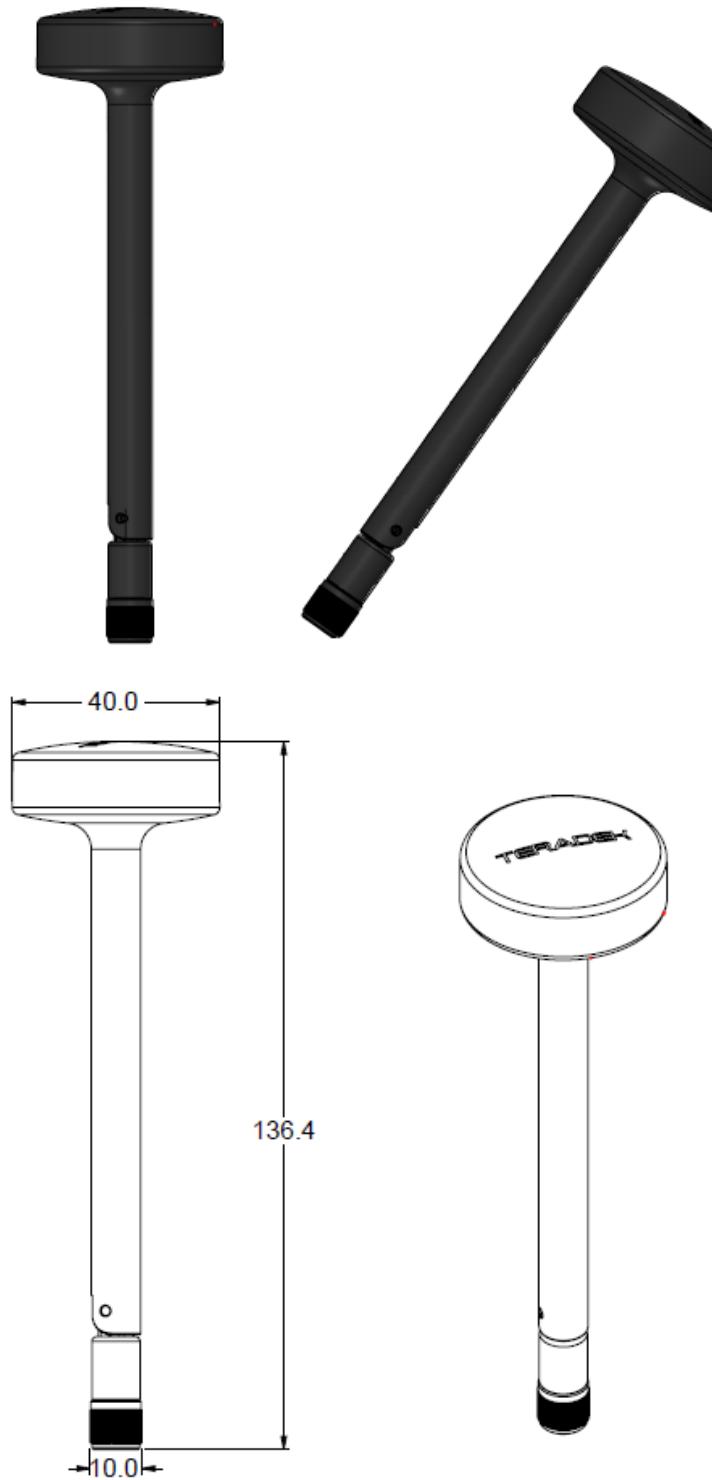
Version 1.3

Below are the typical specs for a the antenna

Electrical Specification	
Azimuth pattern	360°
Elevation	±35 °
Peak Gain	2 dBi
Frequency range	4.9-7.3GHz
Return Loss	<(-6.5dB)
Polarization	H
Cross polar discrimination	>15dB
Nominal Impedance	50Ω
Antenna port	RP-SMA
Mechanical Specification	
Width	40 mm
Height	136.4 mm



Below is the mechanical description of a the antenna

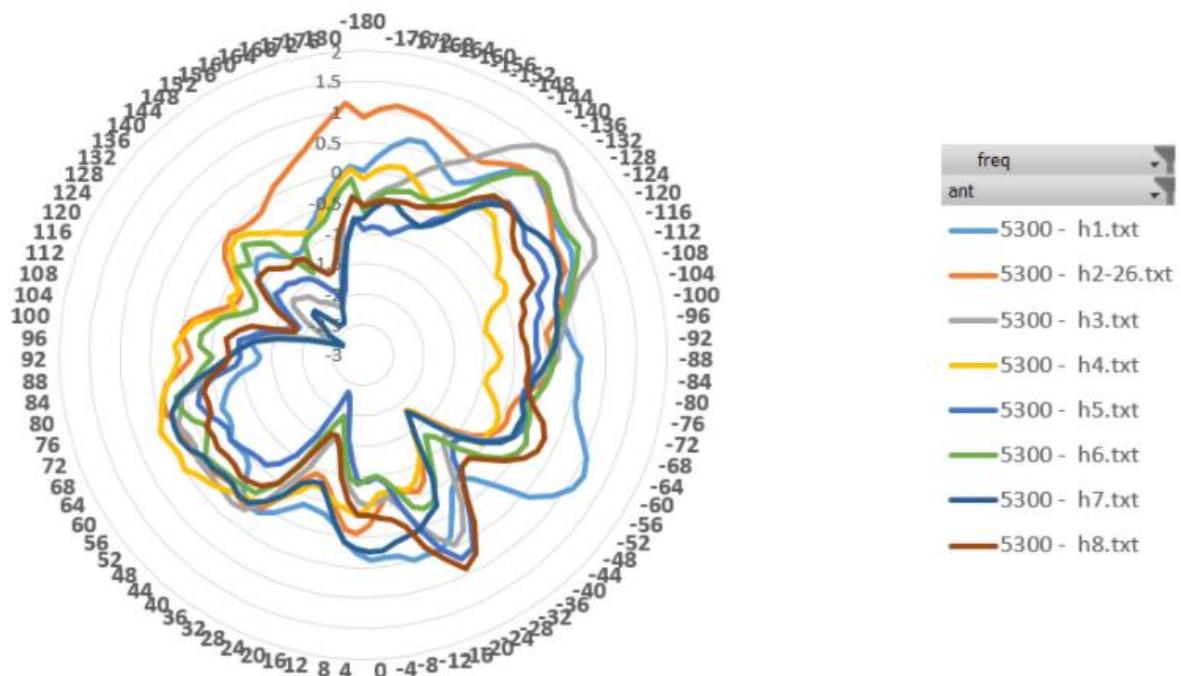


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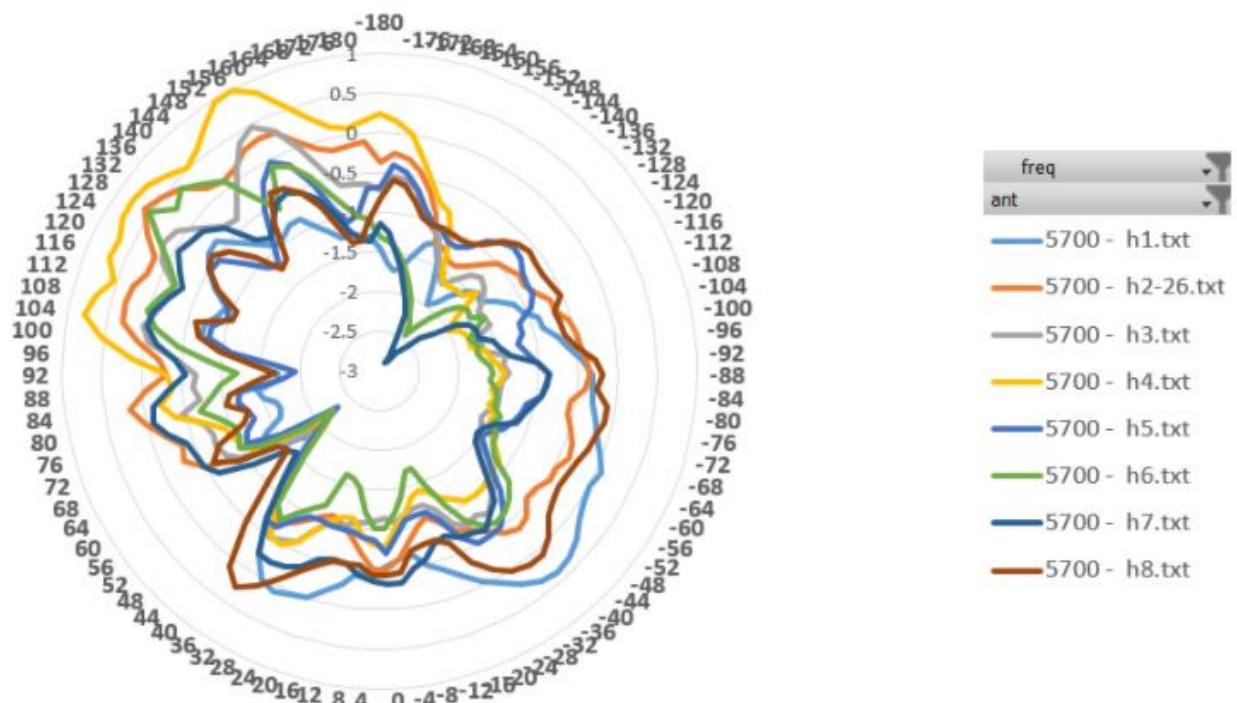
Below are the typical azimuth curves of the antenna (Elevation is 0°)

AMIMON AVG gain vs azimuth-5300MHz

gain

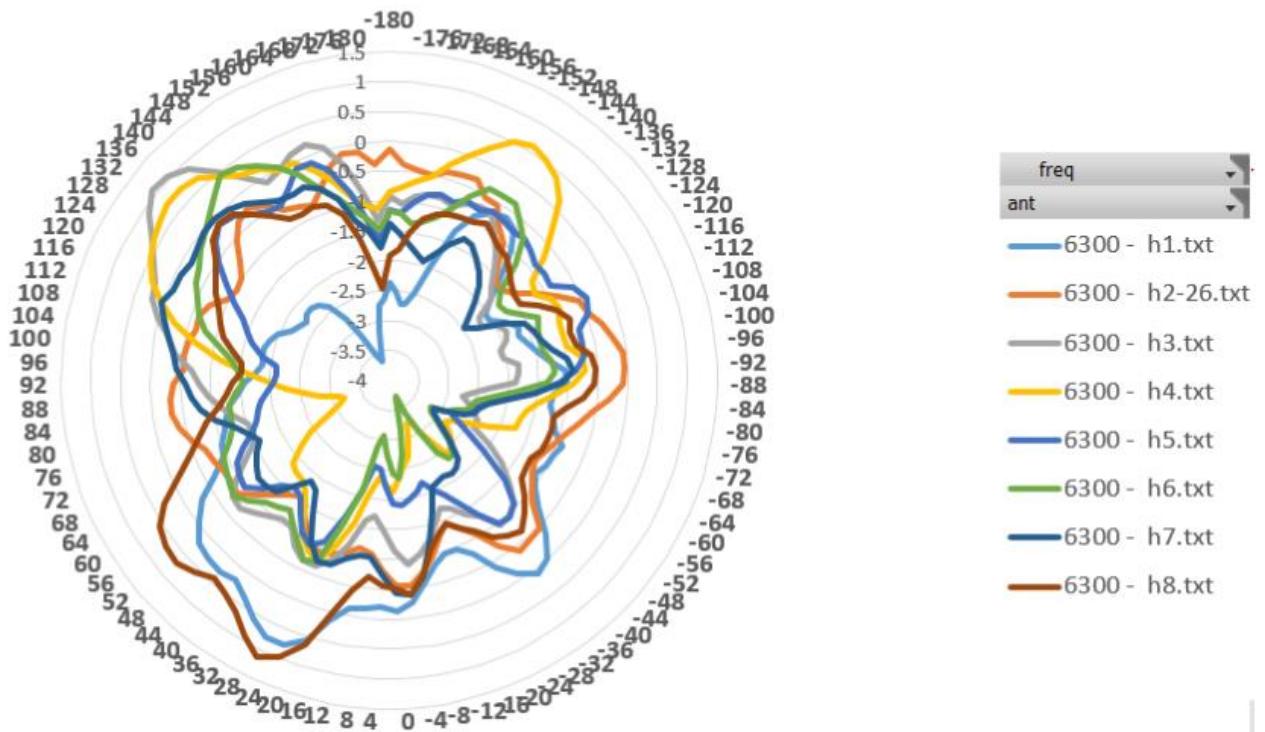


AMIMON AVG gain vs azimuth-5700MHz

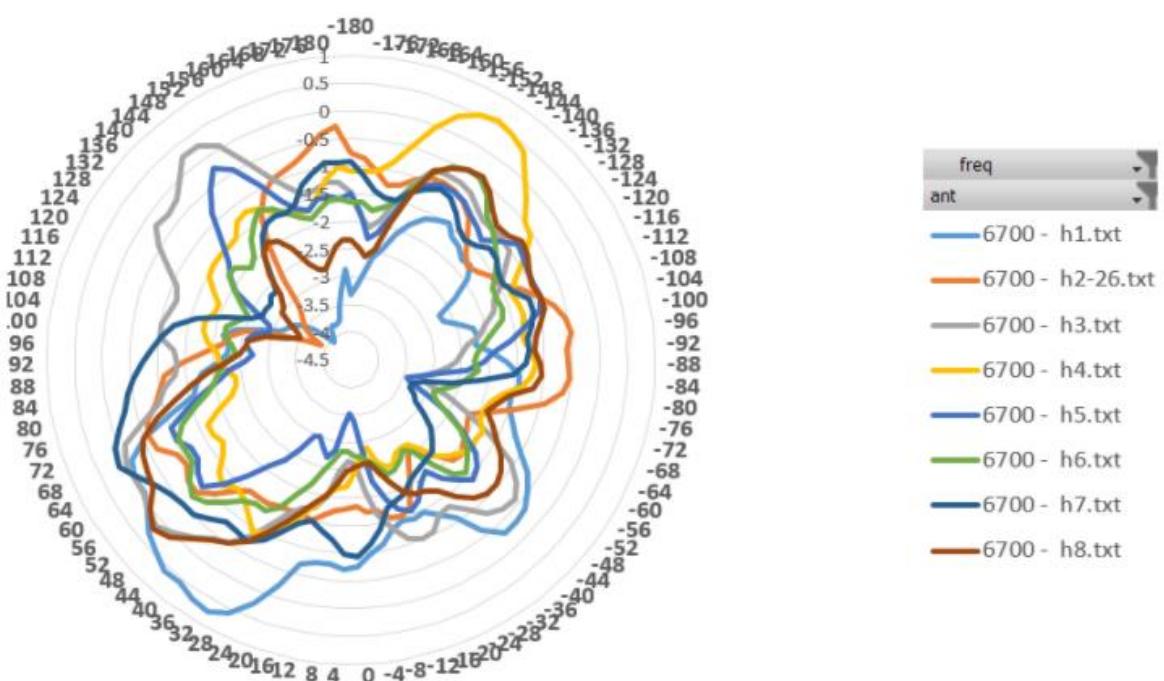


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AMIMON AVG gain vs azimuth-6300MHz



AMIMON AVG gain vs azimuth-6700MHz



Average Gain[dBi] Vs Azimuth over Frequencies: 5.1GHz, 5.5GHz, 5.9GHz, 6.3GHz, 6.9GHz;7.3GHz

