

一、 ANT Report

NA42 Datasheet V1.1



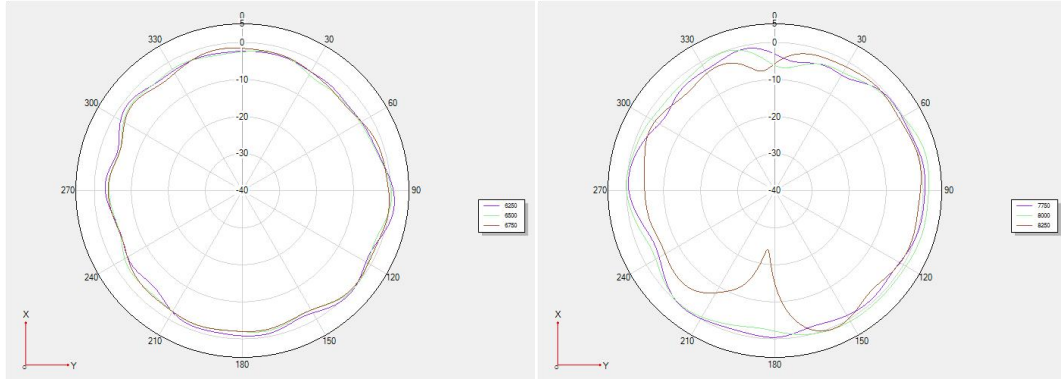
Document Information
Nooploop reserves the right to change product specifications without notice. As far as possible changes to functionality and specifications will be issued in product specific errata sheets or in new versions of this document. Customers are advised to check with Nooploop for the most recent updates on this product.

Life Support Policy
Nooploop products are not authorized for use in safety-critical applications (such as life support) where a failure of the Nooploop product would cause severe personal injury or death. Nooploop customers using or selling Nooploop products in such a manner do so entirely at their own risk and agree to fully indemnify Nooploop and its representatives against any damages arising out of the use of Nooploop products in such safety-critical applications.

1 Product Specification

Electrical Characteristics	
Frequency	6.25~8.25GHz
Antenna Gain	2.81 dBi @6.5GHz 3.68 dBi @8GHz
V.S.W.R	≤ 2.0
Polarization	Circular polarization
Impedance	50 Ohm
Other Characteristics	
Dimensions	76*φ50
Weight	60
Connector Type	N-male
Material of Plastic	—
IP Class	—
Operation Temperature	-40~85℃
Storage Temperature	-40~85℃

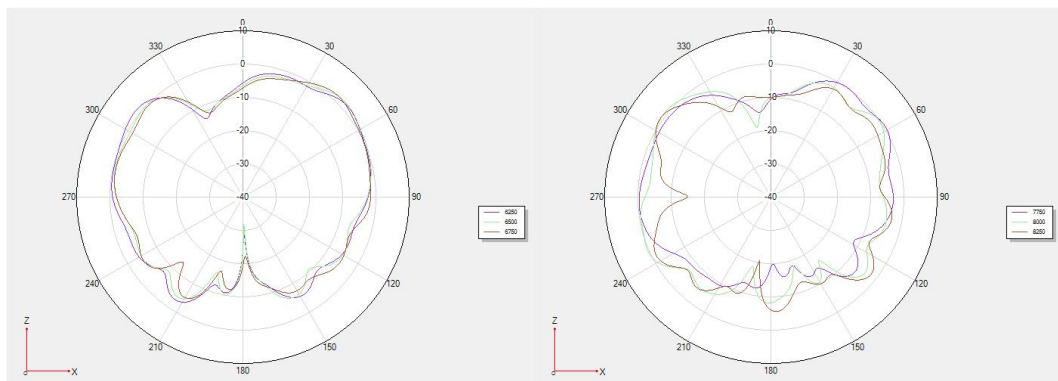
2 Radiation Pattern



a.Center Frequency 6.5GHz

b.Center Frequency 8GHz

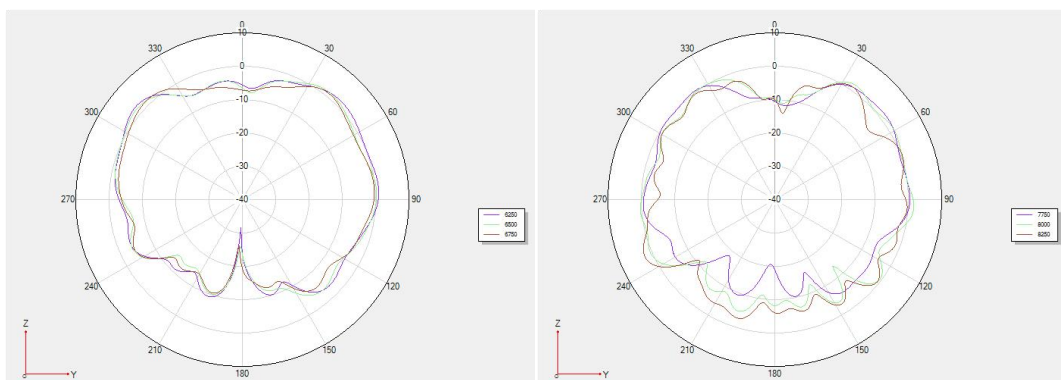
Figure 1. Radiation Patterns Azimuth plane (Theta 90°)



a.Center Frequency 6.5GHz

b.Center Frequency 8GHz

Figure 2. Radiation Patterns Elevation (phi 0°)



a.Center Frequency 6.5GHz

b.Center Frequency 8GHz

Figure 3. Radiation Patterns Elevation (phi 90°)

3 Reflection Parameters

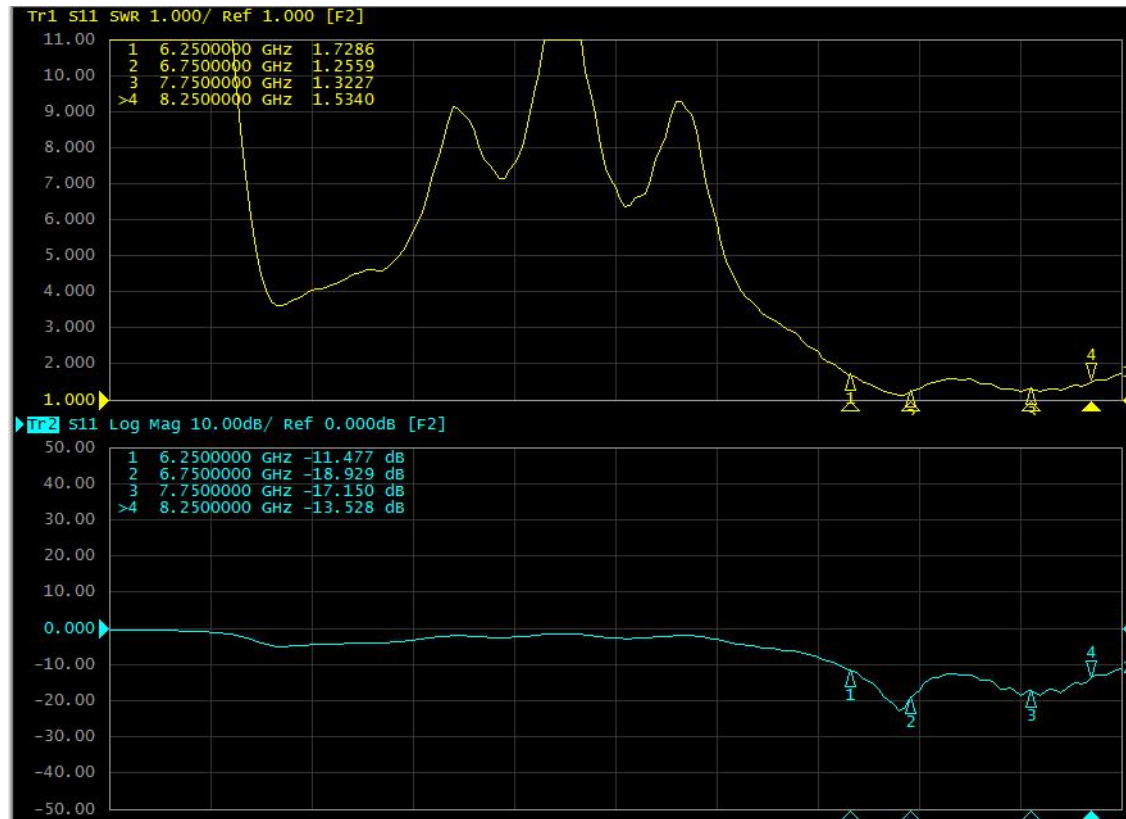


Figure 4. Antenna match versus frequency

4 Manufacturer

SZ Nooploop Technology Co.,Ltd.

5 Further Information

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