

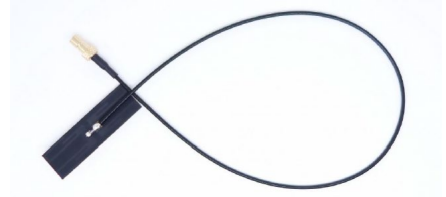
# NANF35X11ACW2R445G3F

WIFI 6E FPC Antenna



## Description

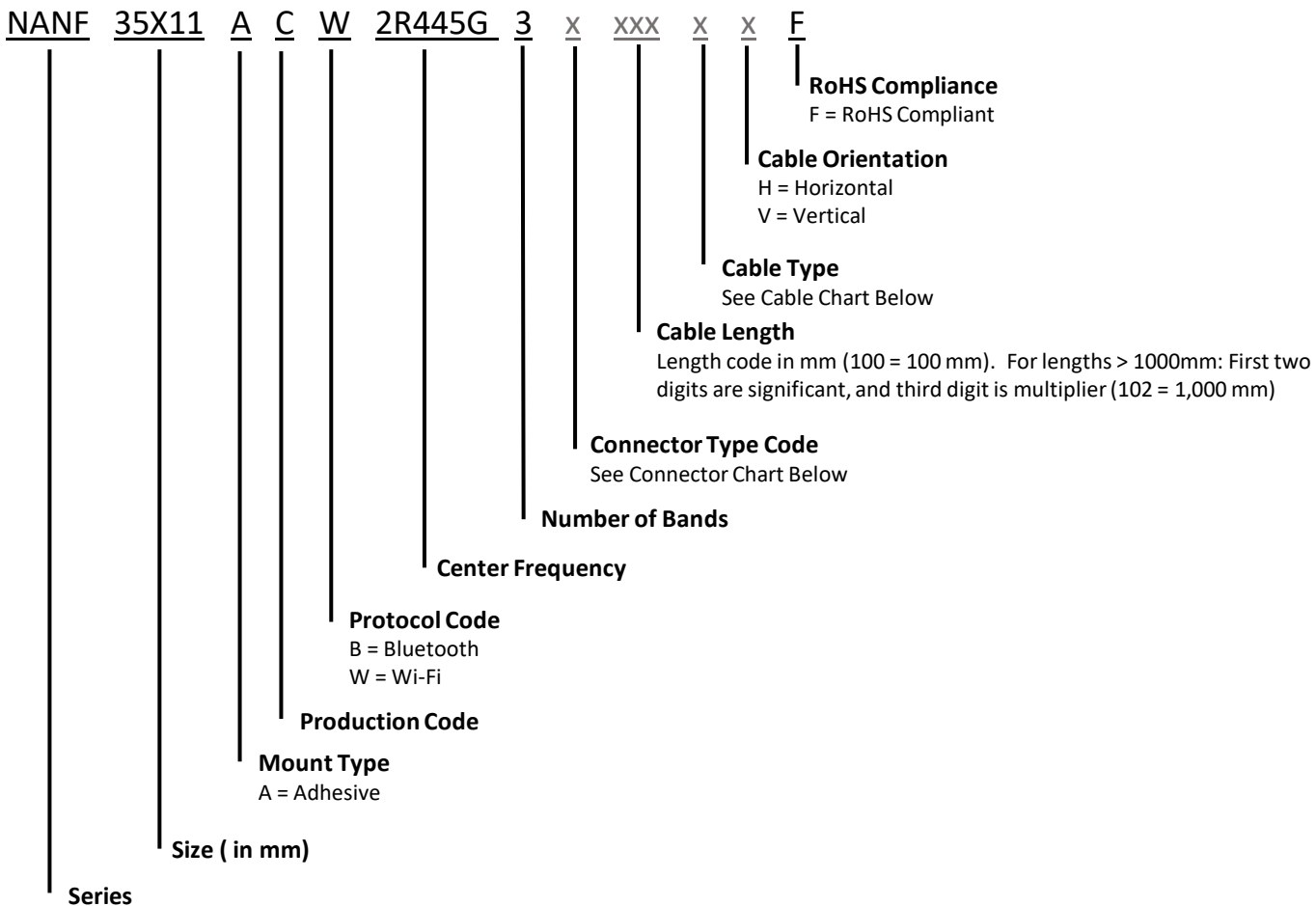
The NANF35X11ACW2R445G3F is a Flexible PCB antenna designed for tri-band WIFI applications. It operates within the frequency ranges of 2400~2500 MHz, 5150~5850 MHz and 5925~7125 MHz making it perfect for use in Routers, Gateways and Smart Meters



## Features

- WiFi 6E Bands
- Customizable Cable and Connector options
- Flexible PCB Type
- RoHS compliant

## Part Number Breakdown



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## Part Number Options

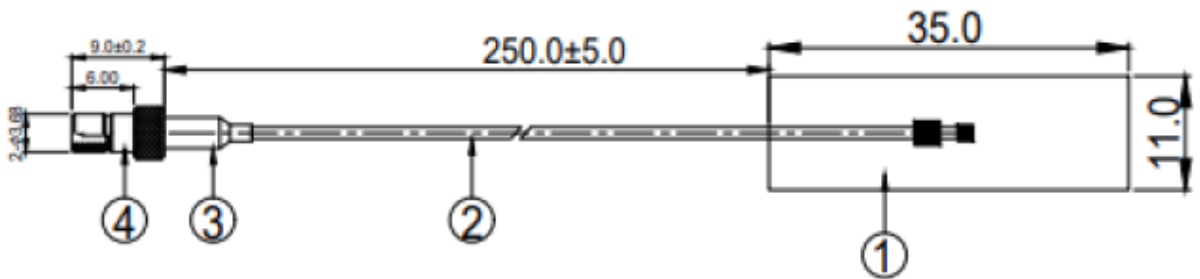
Part Number	Connector	Cable Length	Cable Type	Cable Orientation
NANF35X11ACW2R445G3B250BHF	SMB Male (B)	250 mm	RF1.37 (B)	Horizontal
NANF35X11ACW2R445G3X50AHF	IPEX 1 (X)	50 mm	RF1.13 (A)	Horizontal
NANF35X11ACW2R445G3X100AHF	IPEX 1 (X)	100 mm	RF1.13 (A)	Horizontal
NANF35X11ACW2R445G3X125AHF	IPEX 1 (X)	125 mm	RF1.13 (A)	Horizontal
NANF35X11ACW2R445G3X150AHF	IPEX 1 (X)	150 mm	RF1.13 (A)	Horizontal
NANF35X11ACW2R445G3X200AHF	IPEX 1 (X)	200 mm	RF1.13 (A)	Horizontal
NANF35X11ACW2R445G3X250AHF	IPEX 1 (X)	250 mm	RF1.13 (A)	Horizontal
NANF35X11ACW2R445G3X260AHF	IPEX 1 (X)	260 mm	RF1.13 (A)	Horizontal
NANF35X11ACW2R445G3X300AHF	IPEX 1 (X)	300 mm	RF1.13 (A)	Horizontal
NANF35X11ACW2R445G3Y100AHF	IPEX 4 (Y)	100 mm	RF1.13 (A)	Horizontal
NANF35X11ACW2R445G3Y300AHF	IPEX 4 (Y)	300 mm	RF1.13 (A)	Horizontal

The table represents assembled part numbers available on [www.niccomp.com](http://www.niccomp.com) from standard connector and cable options. For options not listed above please contact NIC”

### Specifications

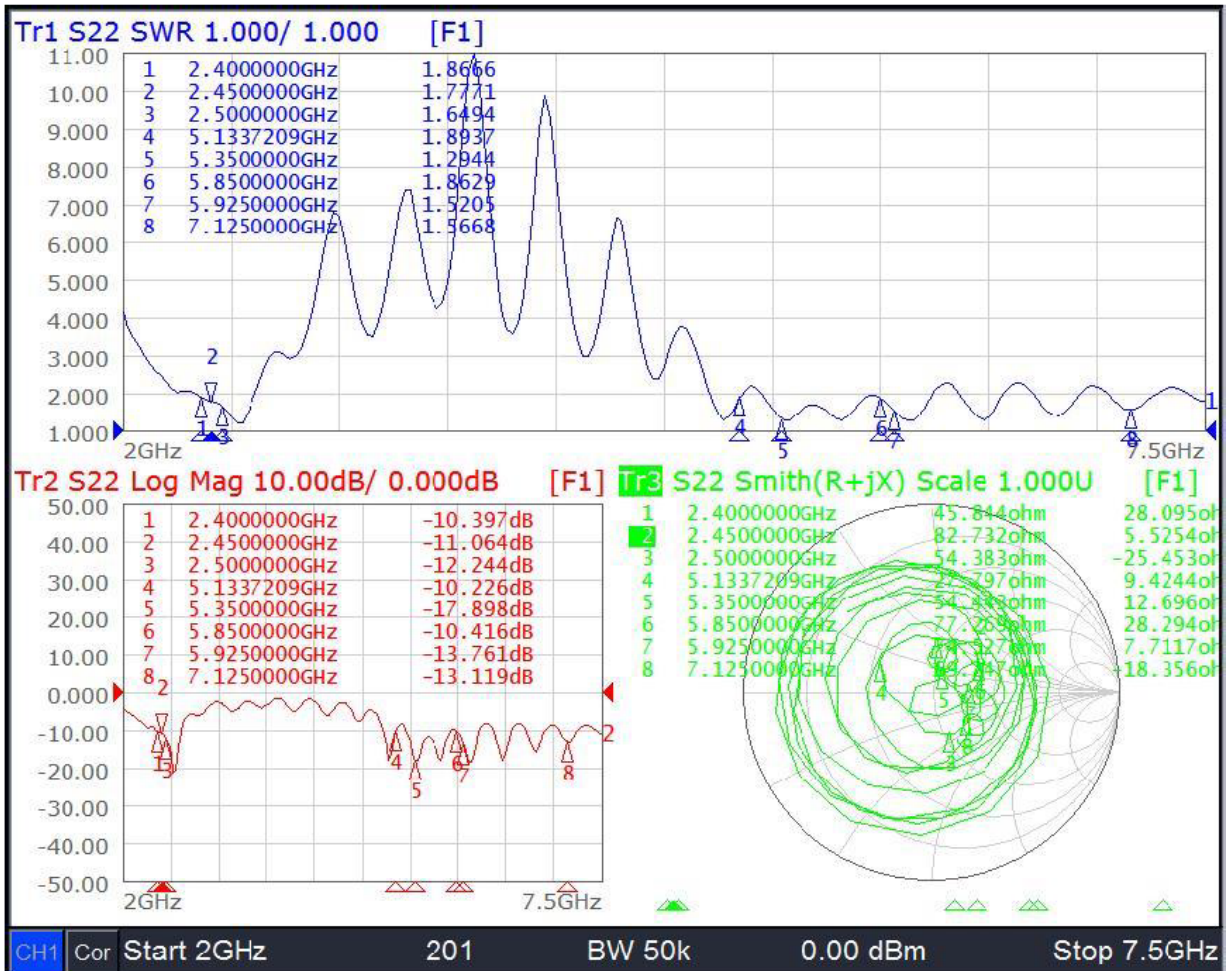
Electrical			
Frequency Range (MHz)	2400 ~ 2500 MHz	5150 ~ 5850 MHz	5925 ~ 7125 MHz
Gain	3.0 max	3.0 max.	4.0 max
V.S.W.R	≤ 2.5		
Polarization	Linear		
Impedance	50Ω		
Environmental			
Operating Temperature	-40°C~+85°C		
RoHS Compliant	Yes		

### Dimensions





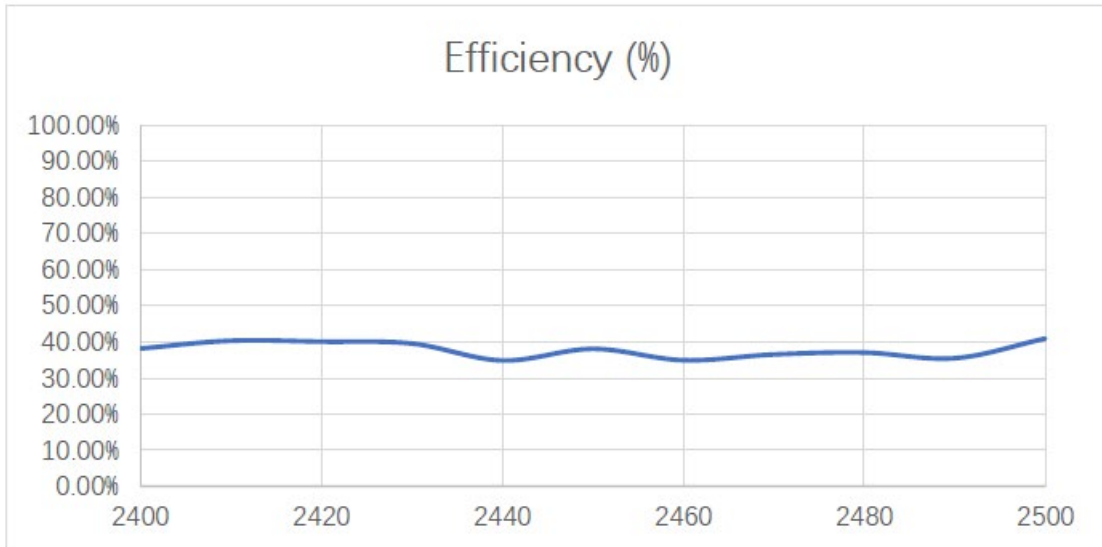
### VSWR



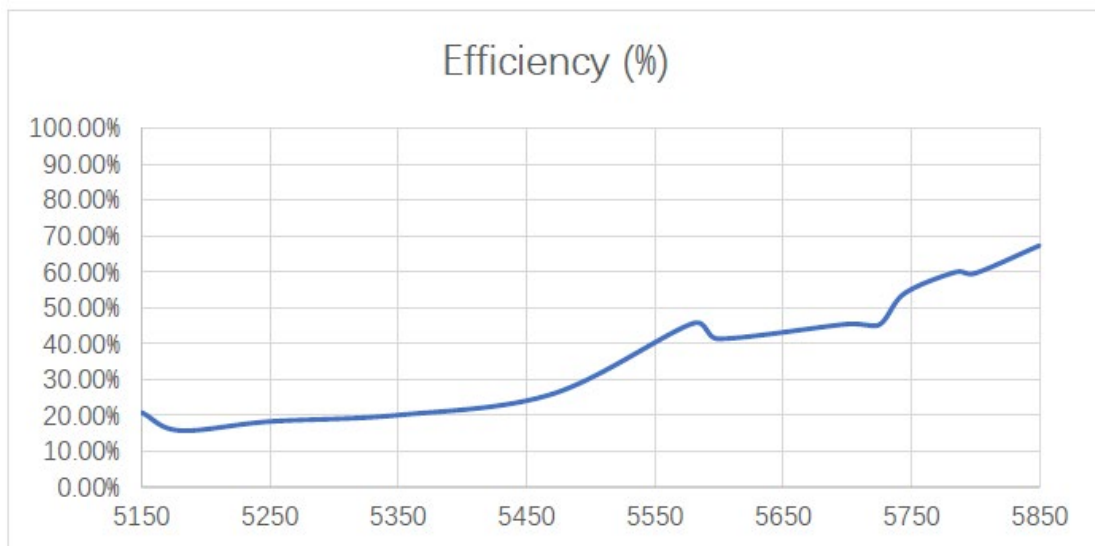


### Efficiency

2400 ~ 2500 MHz



5150 ~ 5850 MHz

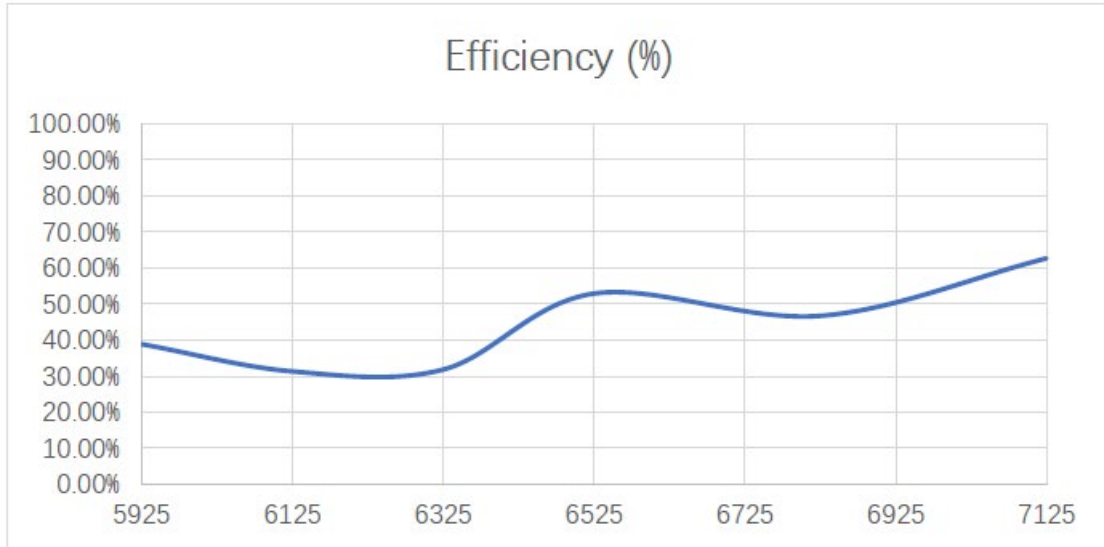


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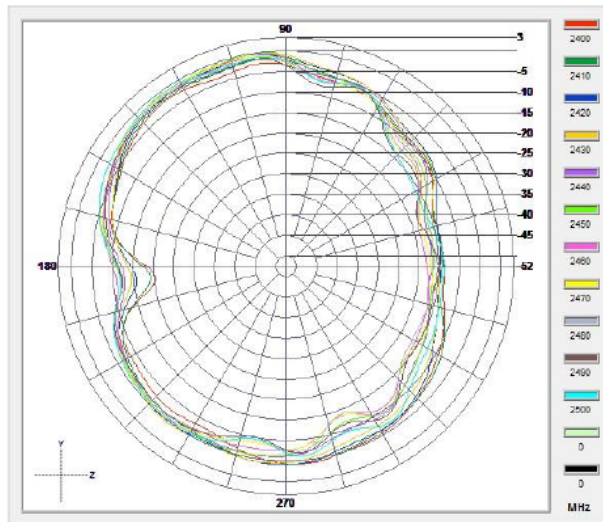
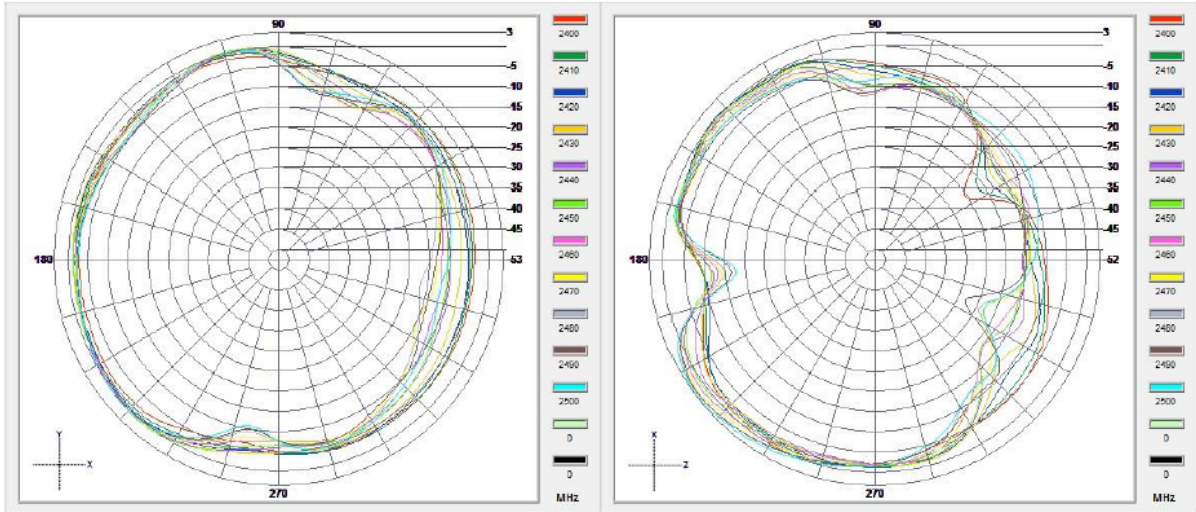


5925 ~ 7125 MHz



### 2D Radiation Patterns

2400 ~ 2500 MHz

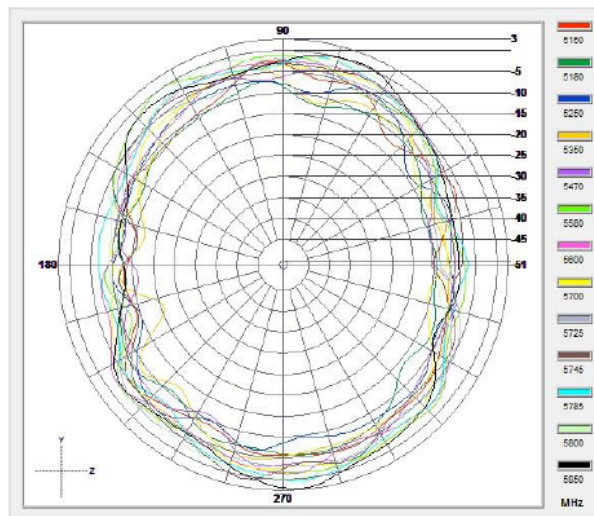
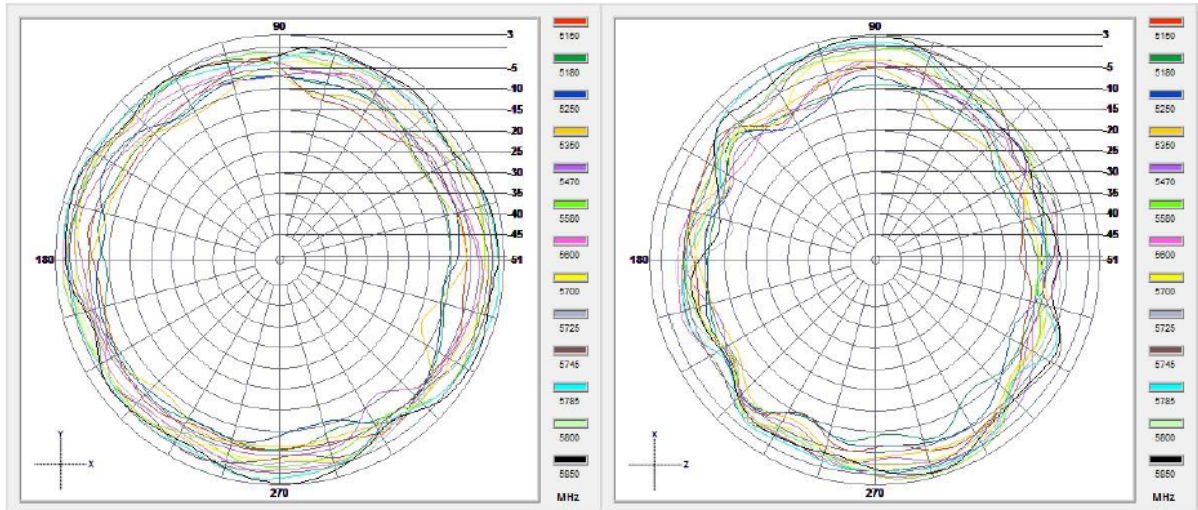


# NANF35X11ACW2R445G3F

## WIFI 6E FPC Antenna



5150 ~ 5850 MHz



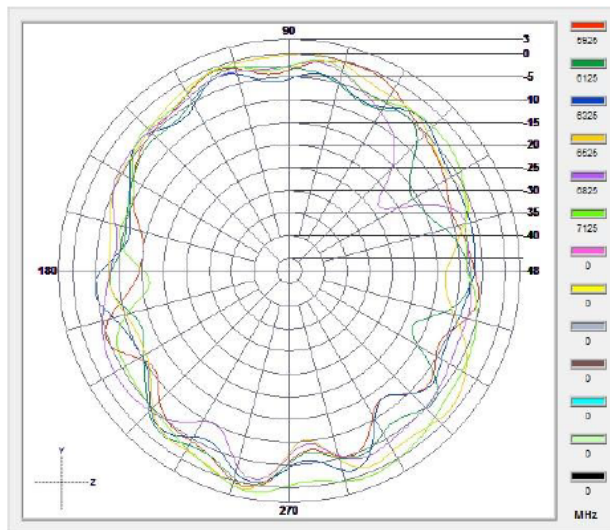
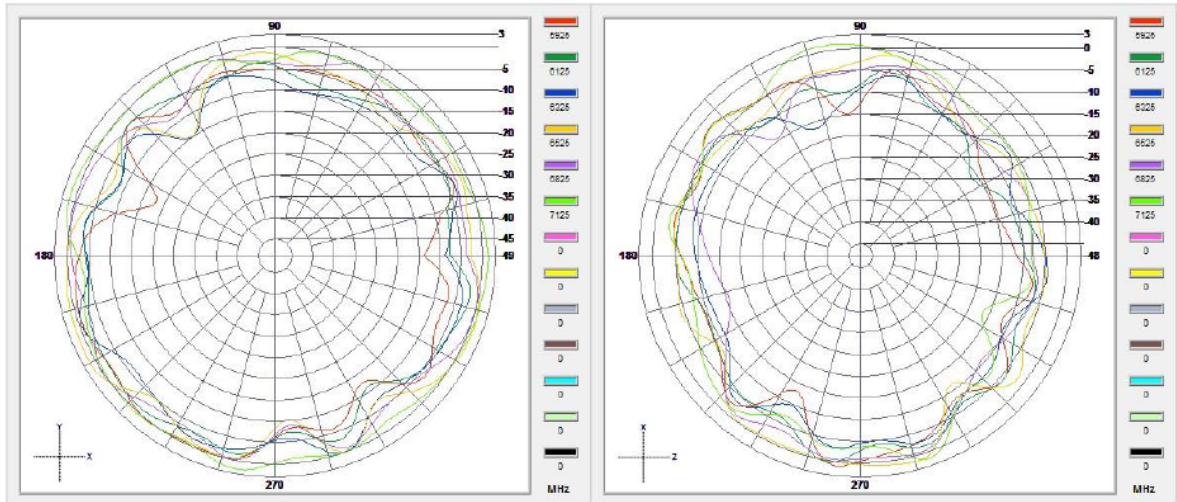


# NANF35X11ACW2R445G3F

WiFi 6E FPC Antenna

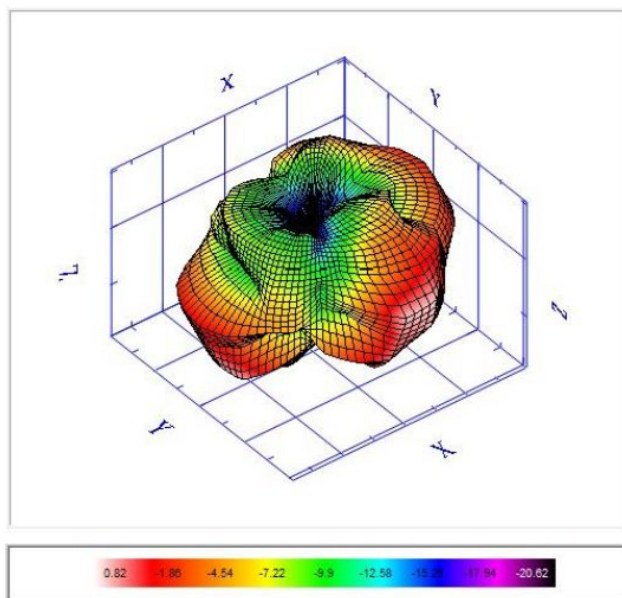


5925 ~ 7125 MHz

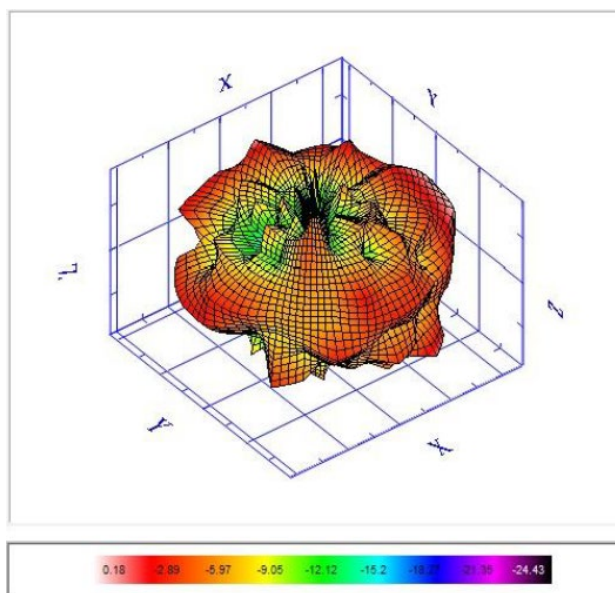


### 3D Radiation Patterns

2450 MHz



5470 MHz

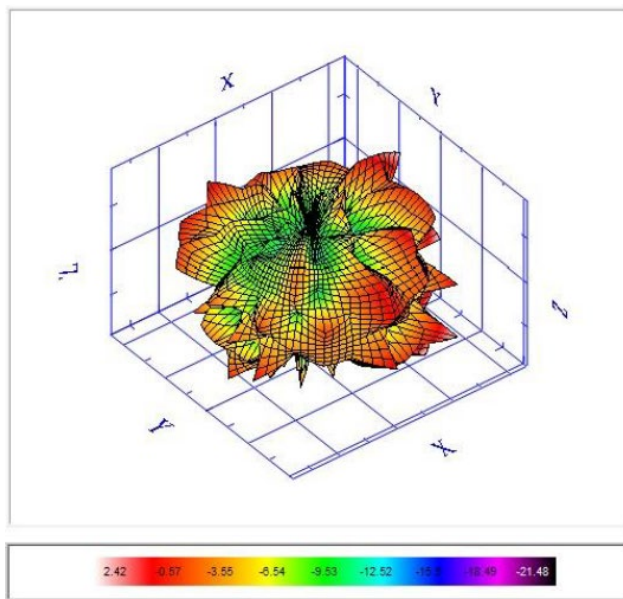


# NANF35X11ACW2R445G3F

WIFI 6E FPC Antenna



5925 MHz



5925 MHz

