

Technical Specification for PKE Antenna of P20 Series

1、 Revision History

Version No.	Change Description	Date	By
V1.0	Initial Version	2026/7/2	Shao.Yuming

2、 Product Application

This antenna is designed for Nissan P20 Series PKE, which as a part of PCB so that it won't exist as a independent component.

Product Manufacturer	Ofilm
Model	N/A (Antenna is a part of PCB)
Type	Loop

3、 Environmental Parameters

Operating Temperature: $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$

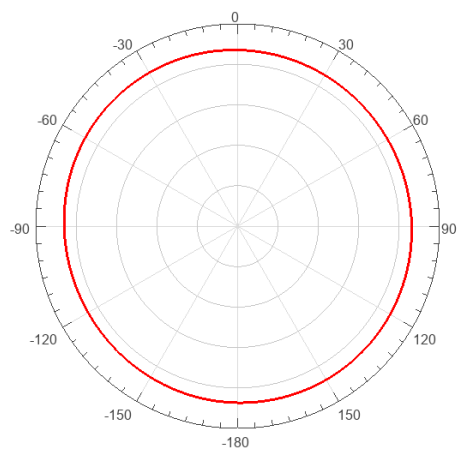
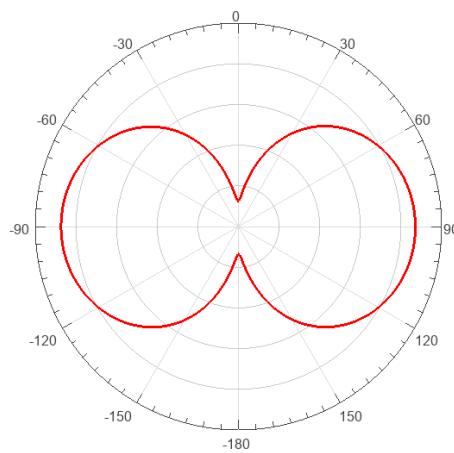
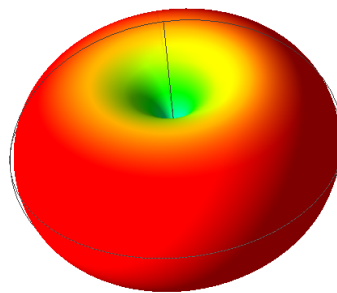
Storage Temperature: $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$

4、 Performance Specifications

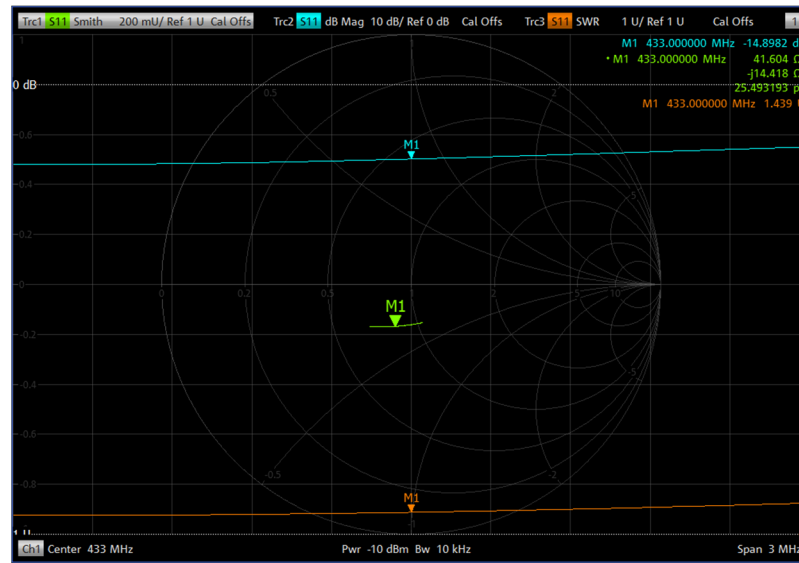
Frequency Range (MHz)	431.5-434.5
Bandwidth (MHz)	3MHz
VSWR	≤ 2
Gain	-7dBi (simulated value)
Polarization	Linear
Radiation Efficiency	$\geq 10\%$

5、 Antenna Images

6、 Radiation Parameters



7、 Electrical Parameters



Manufacturer: Shanghai O-Film Tech. Co., Ltd.
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 Huangcheng Road, Juyuan New
 District, Jiading District, Shanghai, P.R. China