

红点信息科技（深圳）有限公司

REDDOTINFORMATIONTECHNOIOGYSHENIZHENCO, LTD

产品规格书

PRODUCT SPECIFICATION

客户 Custoer	
客户编码 Customers part number	
产品料号 Product Maternalcode	HD. F-40-7. 5-80-IPEX
工作频段 WorkingBand	5150MHz- 5850MHz
发行日期 LssueDate	2023-11-18
发行版本 Releae version	A1
作者 Author	邹杨辰

Product technical indicators)

Electrical Specifications	
Frequency Range (MHz)	5150-5850
Input Impedence(Ω)	50
Bandwidth (MHz)	700
VSWR	<2
Gain (dBi)	7.21dBi
Polarization Type	linear polarization
Mechanical Specifications	
Connect Type	IPEX
OperatinTemp (°C)	-40~85
Storing Temp (°C)	-40~85
Chassis Color	black
Cable	RF Φ1.13 80mm

(VSWR)

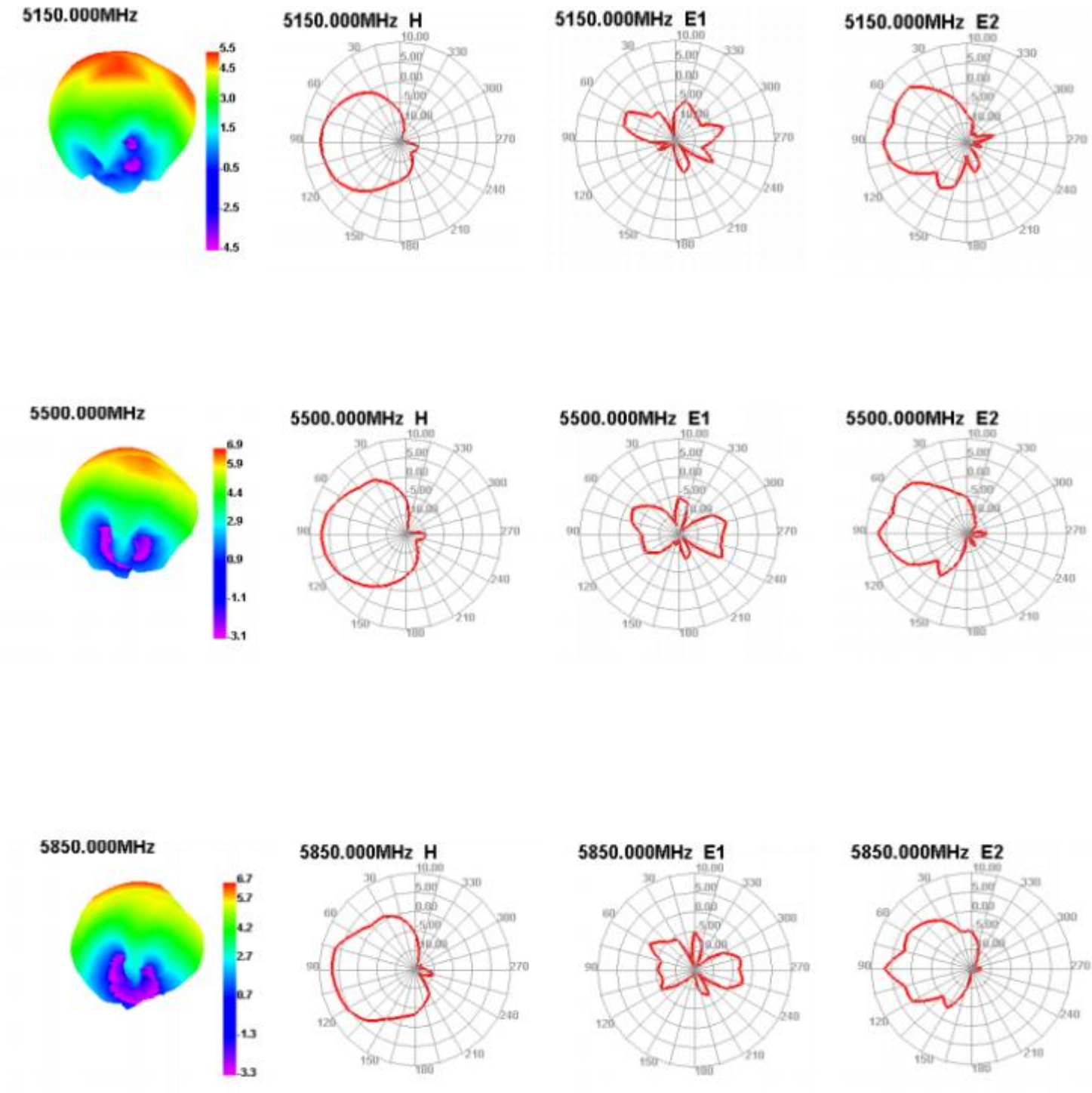
Frequency(MHz)	5150	5550	5850
VSWR	1.28	1.49	1.61



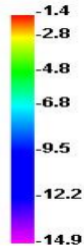
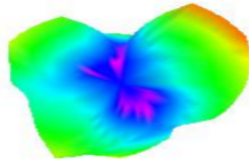
Efficiency/Gain)

Fre4 (MHz)	Effi (%)	Max (dBi)
5150	65.27	5.45
5200	66.35	5.82
5250	66.9	6
5300	69.76	6.41
5350	74.58	6.63
5400	74.72	6.79
5450	75.94	7.05
5500	71.79	6.93
5550	74.04	7.19
5600	71.64	7.16
5650	67.14	7.06
5700	68.21	7.21
5750	64.48	7.03
5800	63.02	6.87
5850	61.84	6.67
2400	48.87	3.00
2410	52.01	2.24
2420	47.54	2.36
2430	56.41	2.54
2440	48.65	2.48
2450	49.24	2.64
2460	51.47	2.98
2470	61.48	2.65
2480	57.49	2.34
2490	52.84	2.41
2500	51.24	2.68

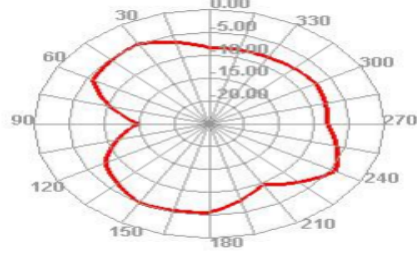
(Directivity diagram)



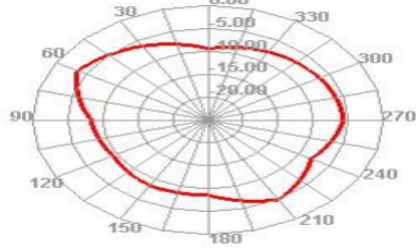
2410.000MHz



2410.000MHz H



2410.000MHz E1



2410.000MHz E2

