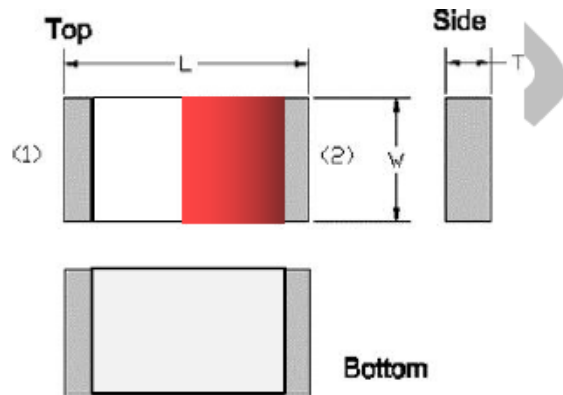


## Antenna Size



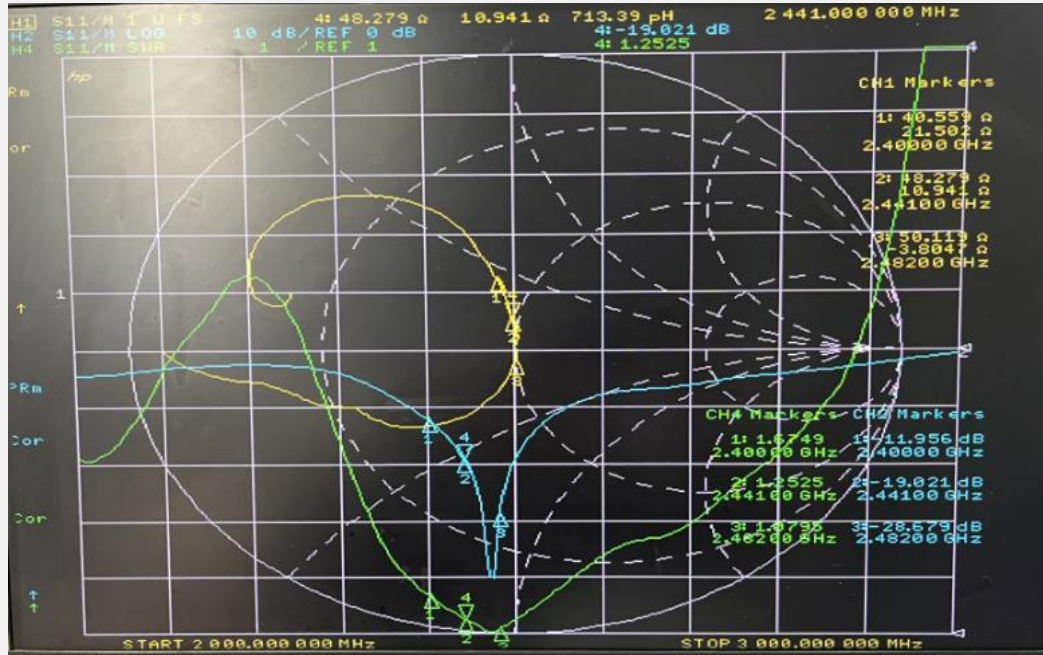
Dimension (mm)	
L	$3.20 \pm 0.20$
W	$1.60 \pm 0.20$
T	$0.45 \pm 0.20$

No.	Terminal Name
1	Feeding/GNG
2	GND/Feeding

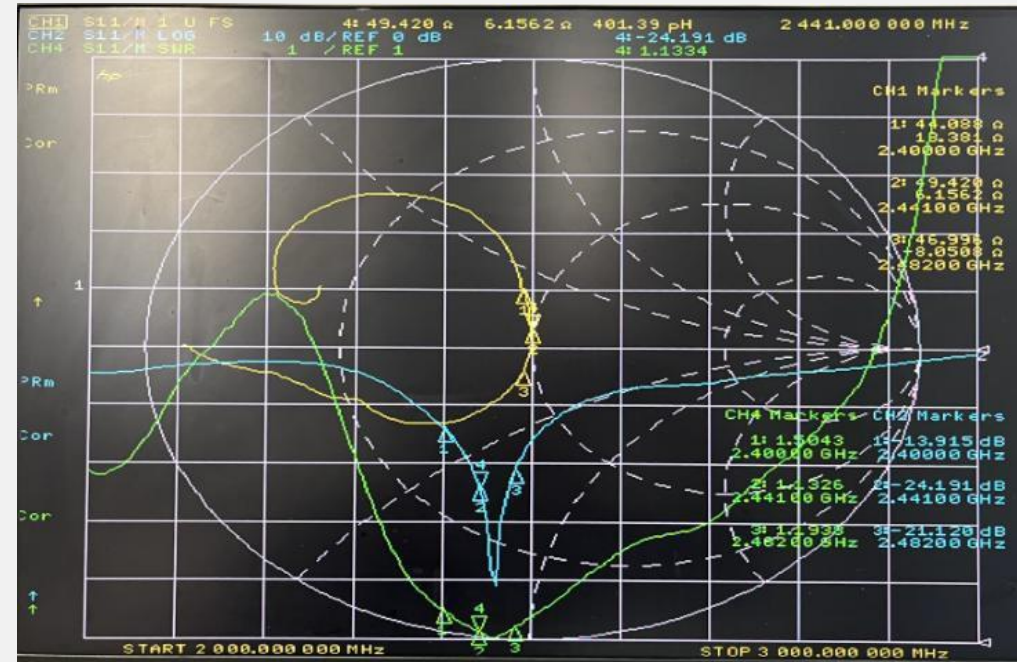


# S11, SWR, smith chart:

L



R



# Antenna active test data

ANT EIRP&EIS parameter Summary (free field)

频段frequency band	BT 2.4G (L)			BT 2.4G (R)		
信道route	0	39	78	0	39	78
#TRP (dBm)	3.58	3.25	3.37	3.45	3.69	3.27
#TIS (dBm)	-86.06	-86.59	-86.25	-86.23	-86.37	-86.36

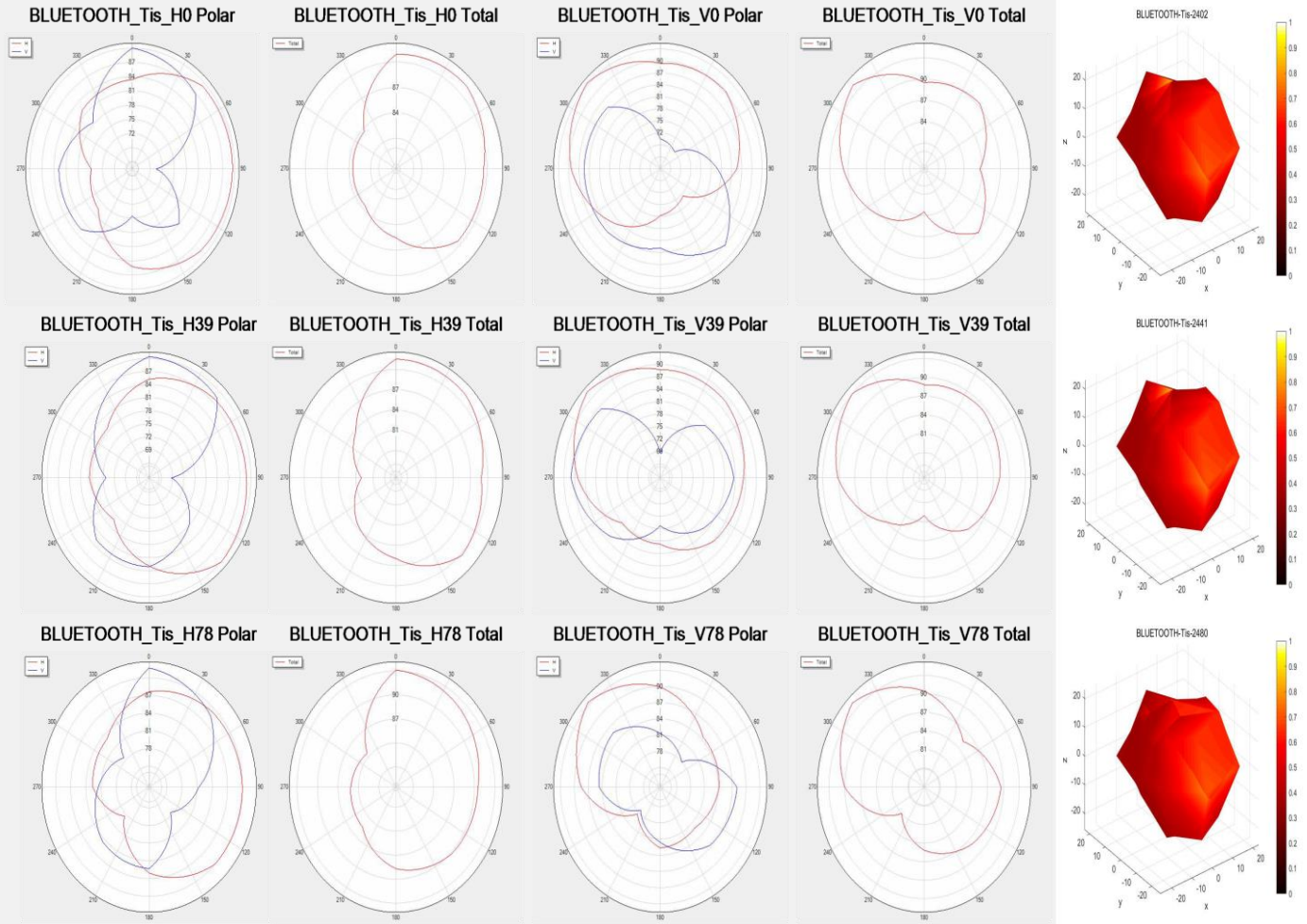
ANT EIRP&EIS parameter Summary (phantom head)

频段frequency band	BT 2.4G (L)			BT 2.4G (R)		
信道route	0	39	78	0	39	78
#TRP (dBm)	1.27	1.56	1.28	1.27	1.5	1.06
#TIS (dBm)	-82.44	-83.27	-82.13	-82.36	-83.46	-82.69



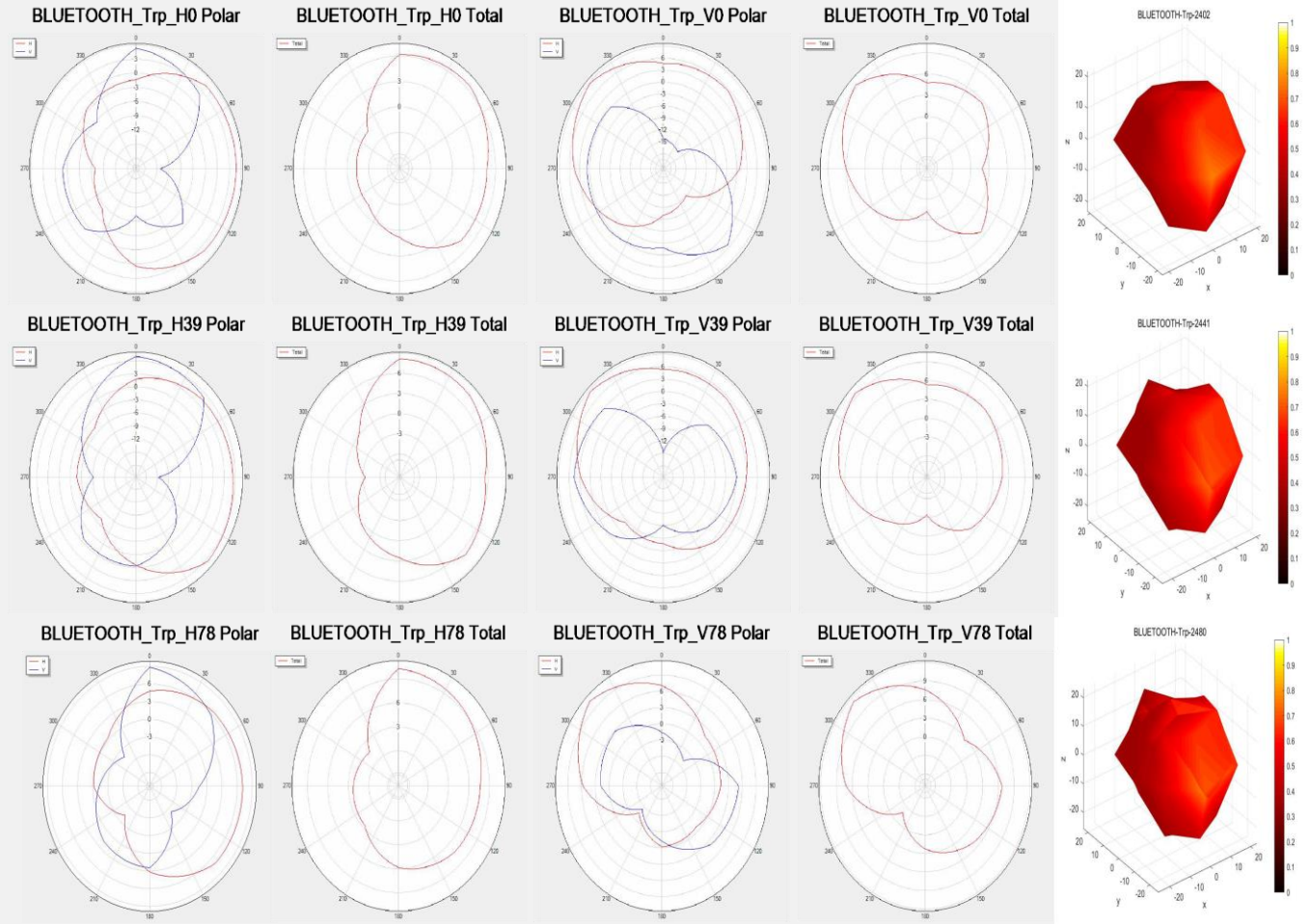
#-L

# -L-TIS The antenna pattern of the free field





# -L-TRP The antenna pattern of the free field

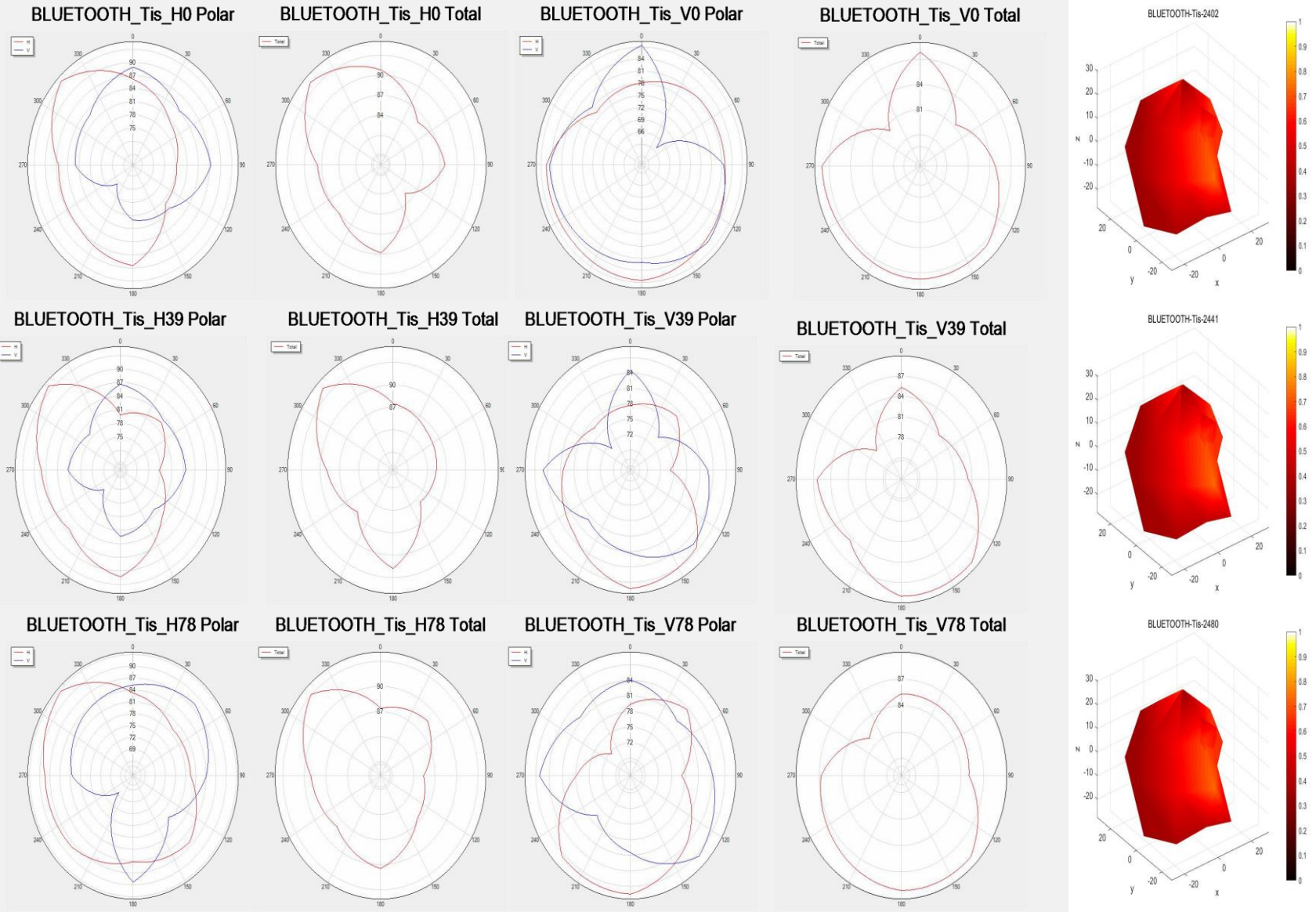






#-R

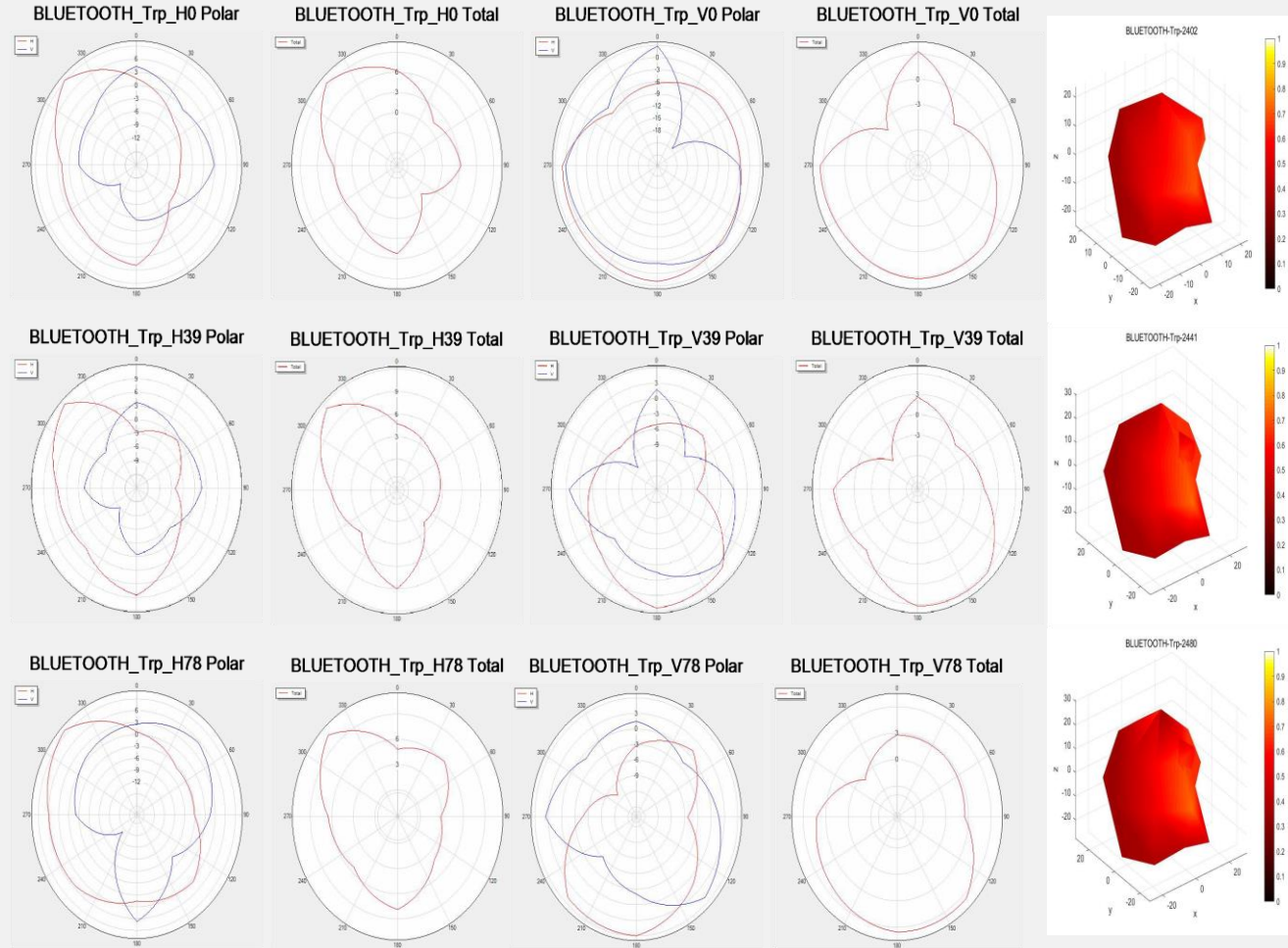
# -R-TIS The antenna pattern of the free field





#-R

# -R-TRP The antenna pattern of the free field





# Antenna efficiency gain

## 天线效率与增益图

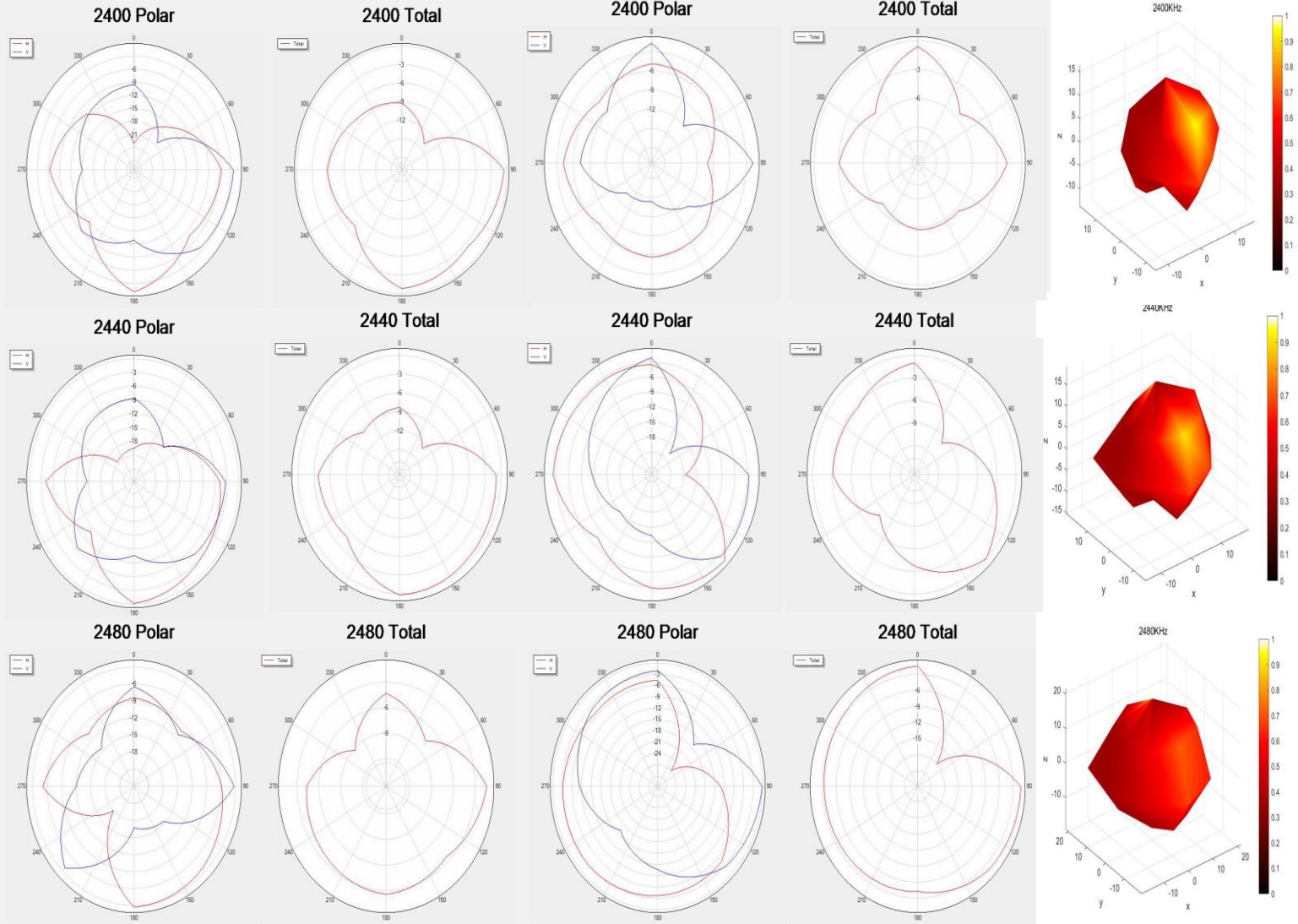


Frequency	Effic	Percen	Gain
2400	-4.2	38.06%	1.38
2440	-4.11	38.77%	2.88
2480	-3.48	44.86%	1.82





# Antenna radiation pattern 2400.00MHz/2440.00MHz/2480.00MHz



# measuring distance

## a. Environment

test project	Trying hard not to hear	Pocket test requirement		descr
BT0038		right front	OK	The iPhone5 was tested over 15+ meters in the park
	OK	front-left	OK	
		right rear	OK	
		left rear	OK	

## b. summarize

BT0038 machine actual test, OTA data test, basically distance matching, our park grass test effect is excellent