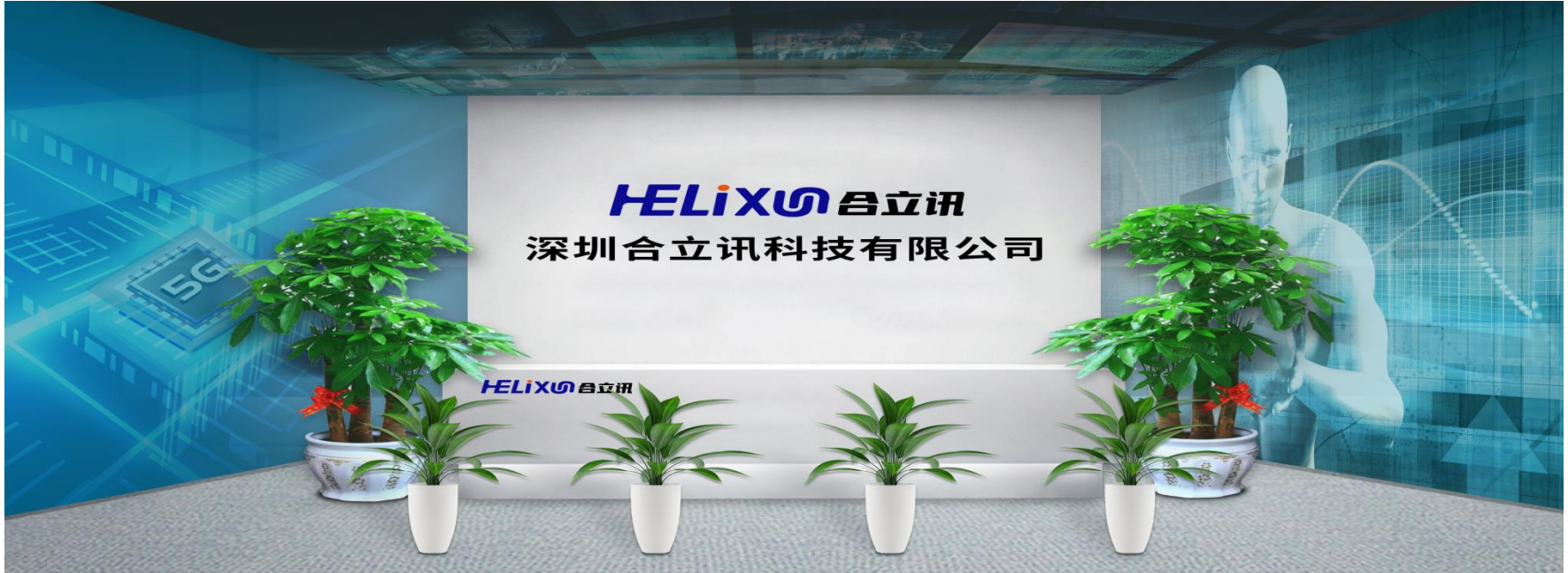


Antenna Test Report



Customer	
Project	
Antenna Revision	A0
Prepared by	15993920520
Checked by	
Date:	2023.02.16

Purpose

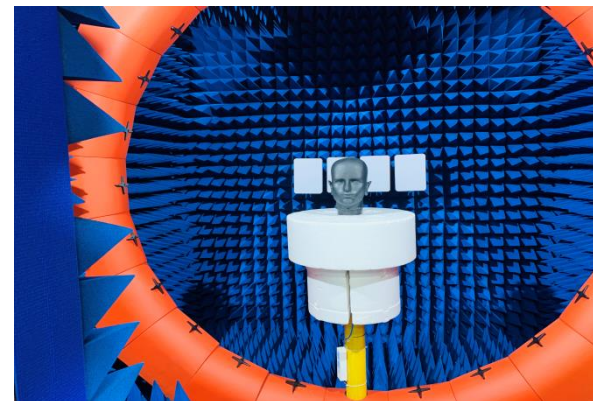
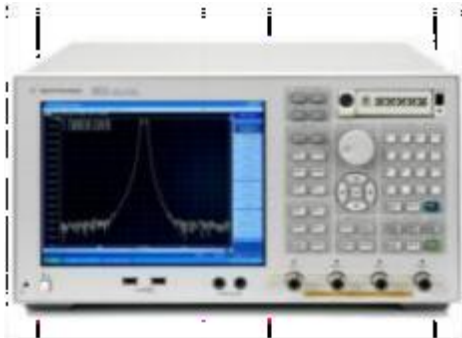
This report is to measure the performance of antenna for operating frequency at 433MHZ, All test data are showed as below. The antenna

Content

1. Product Overview Dimension
2. Test system
3. Test Result
 - 3.1 S11 Parameter
 - 3.2 Gain & Efficiency
 - 3.3 2D Pattern

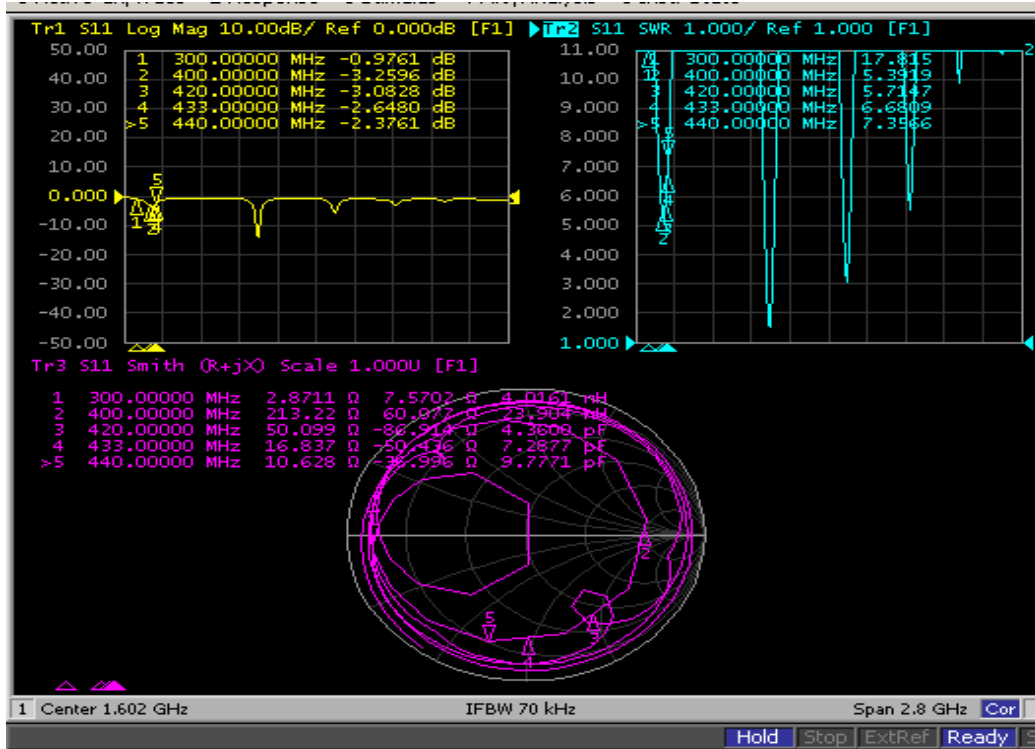
2. Test System

Sequence Number	Test Item	equipment
S parameter	VSWR	Agilent 5071C & Agilent 5062A
OTA Test	TRP&TIS	Agilent 8960 E5515C& Agilent 4438C&CMW500 ETS&SATIMO
Gain & Efficiency	Gain & Efficiency	ETS&SATIMO Agilent 5071C



3. Test Result

3.1 S11 Parameter-VSWR



Frequency	400	420	433	440
VSWR	5.39	5.72	6.66	7.39

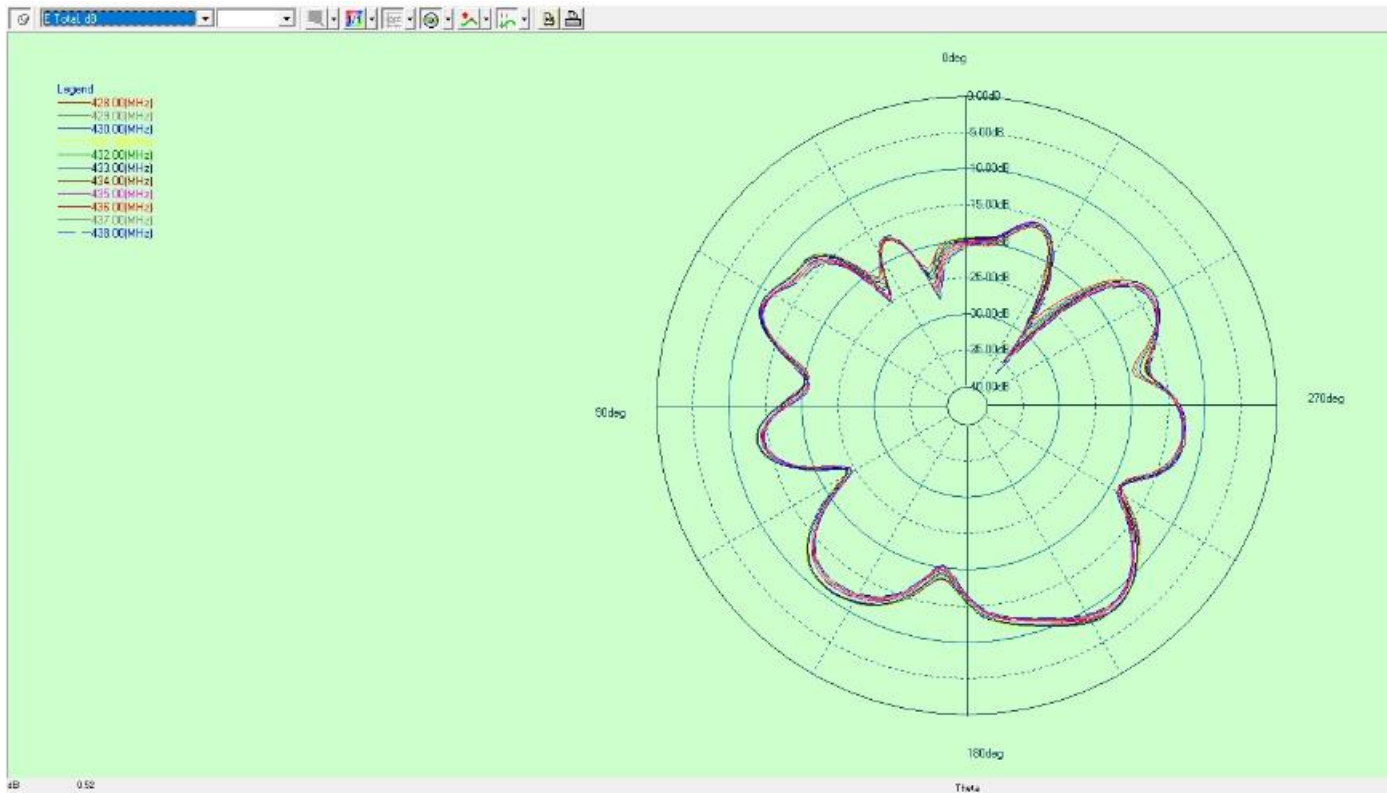
3 Test Result

3.2 Gain & Efficiency——ANT

Frequency (MHz)	Efficiency (%)	Peak GAIN (dBi)
420	10.23	-7.36
433	9.6	-8.25

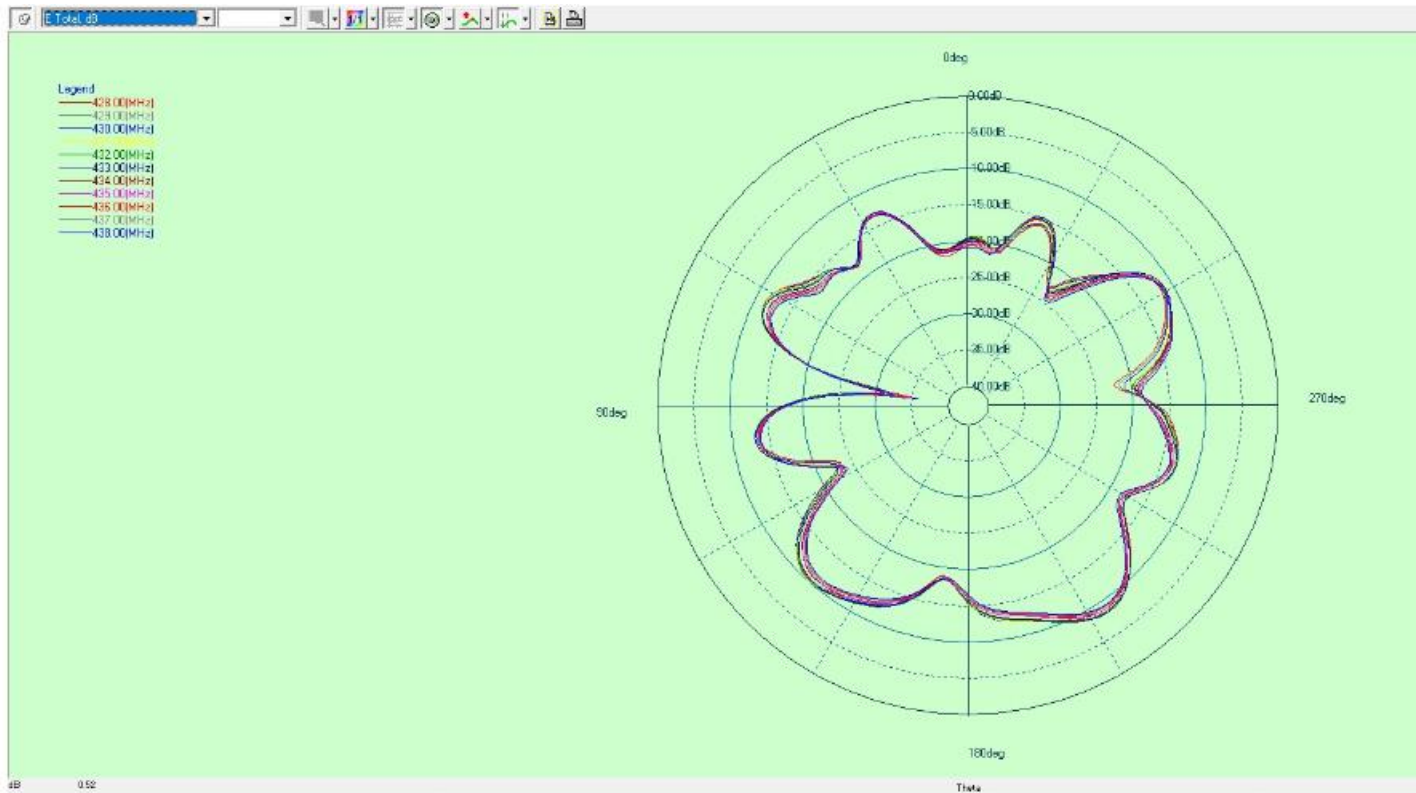
Test Result

3.3 2D Pattern



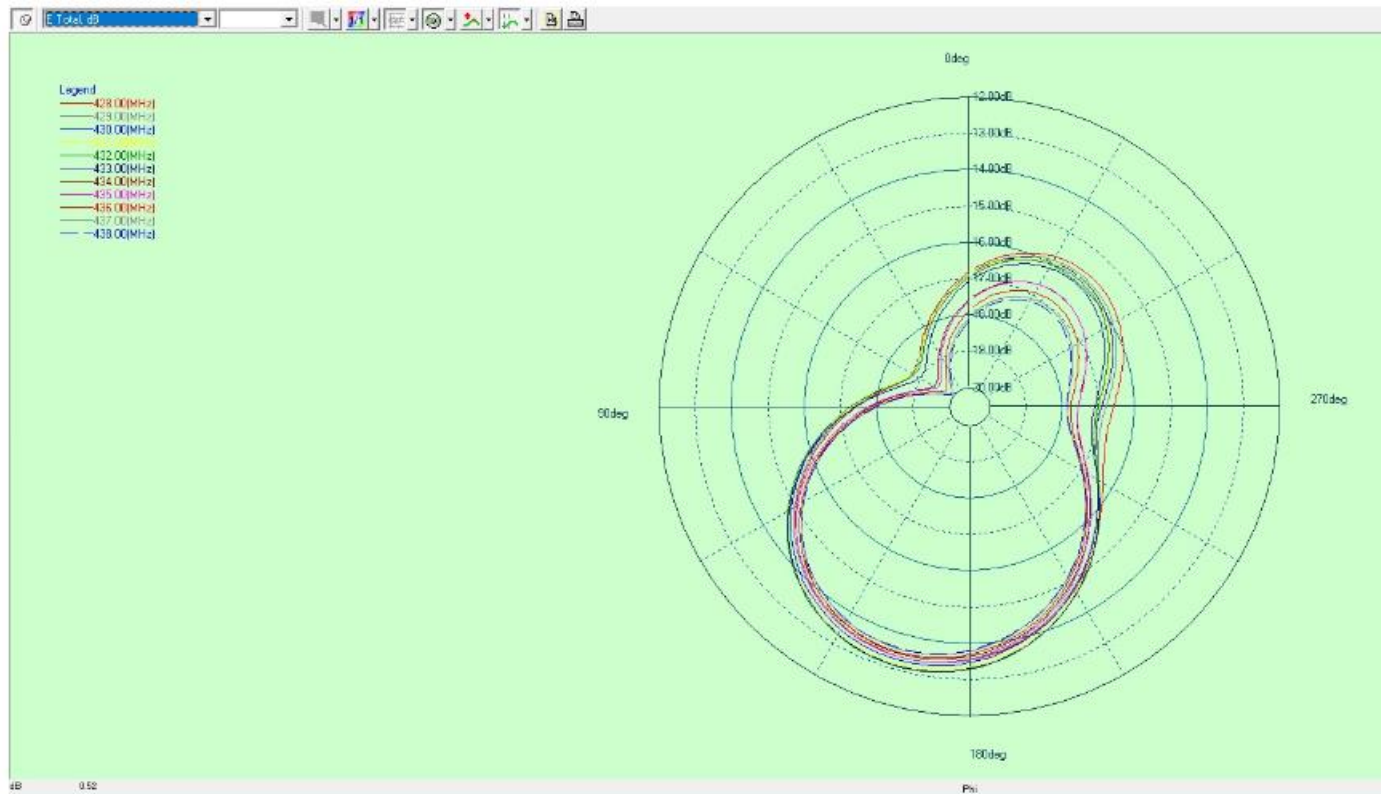
Test Result

3.3 2D Pattern



Test Result

3.3 2D Pattern



Antenna Photo

