



TEST REPORT STATEMENT

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modifie the record		
issued	date	Reason for
1.0	2018-09-21	Change First Edition



Antenna Dimension: 10 x 0.7 mm

1. Product technical parameters

Remarks: Applicants provide

1.2. The antenna information under test

Brand:	
Trademark: Model:	HYX-091

2. Test results

2.1. Reference documents

Test main reference document:

No.	Document Name 1	Document Title
	GB/T 9410-2008	General Technical Specifications for Mobile Communication Antennas

2.2. Test conditions

Test environment conditions:

Relative humidity:	25% -75 %RH
Ambient temperature:	+10 °C - +30 °C



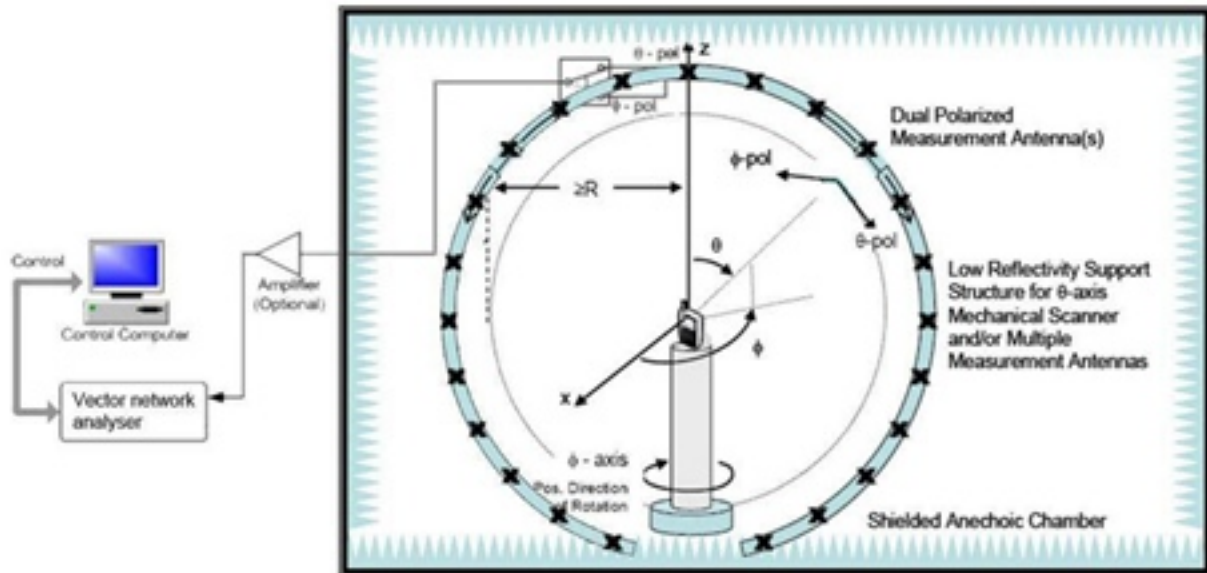
2.3. List of test results

2.3.1. Antenna gain

Frequency	Gain(dBi)
2400MHz	-3.63
2410MHz	-3.71
2420MHz	-2.40
2430MHz	-2.60
2440MHz	-2.90
2450MHz	-3.91
2460MHz	-4.31
2470MHz	-3.62
2480MHz	-4.34
2490MHz	-4.27
2500MHz	-5.44



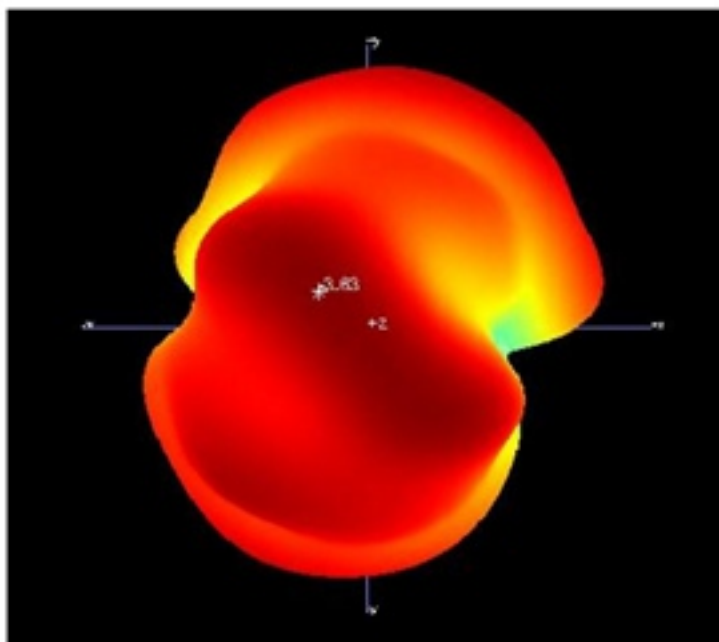
Annex A Test System Connections



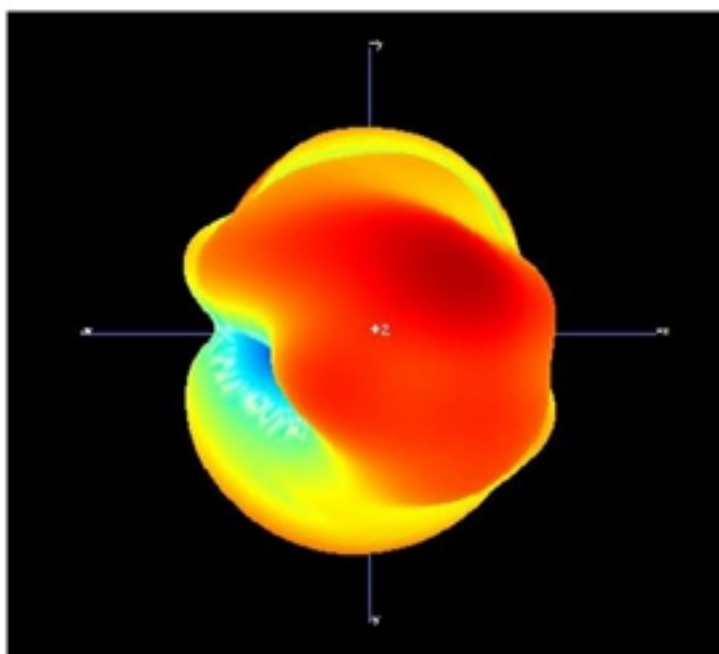
Annex B

Test Antenna Radiation Pattern

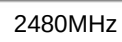
a) 3D map



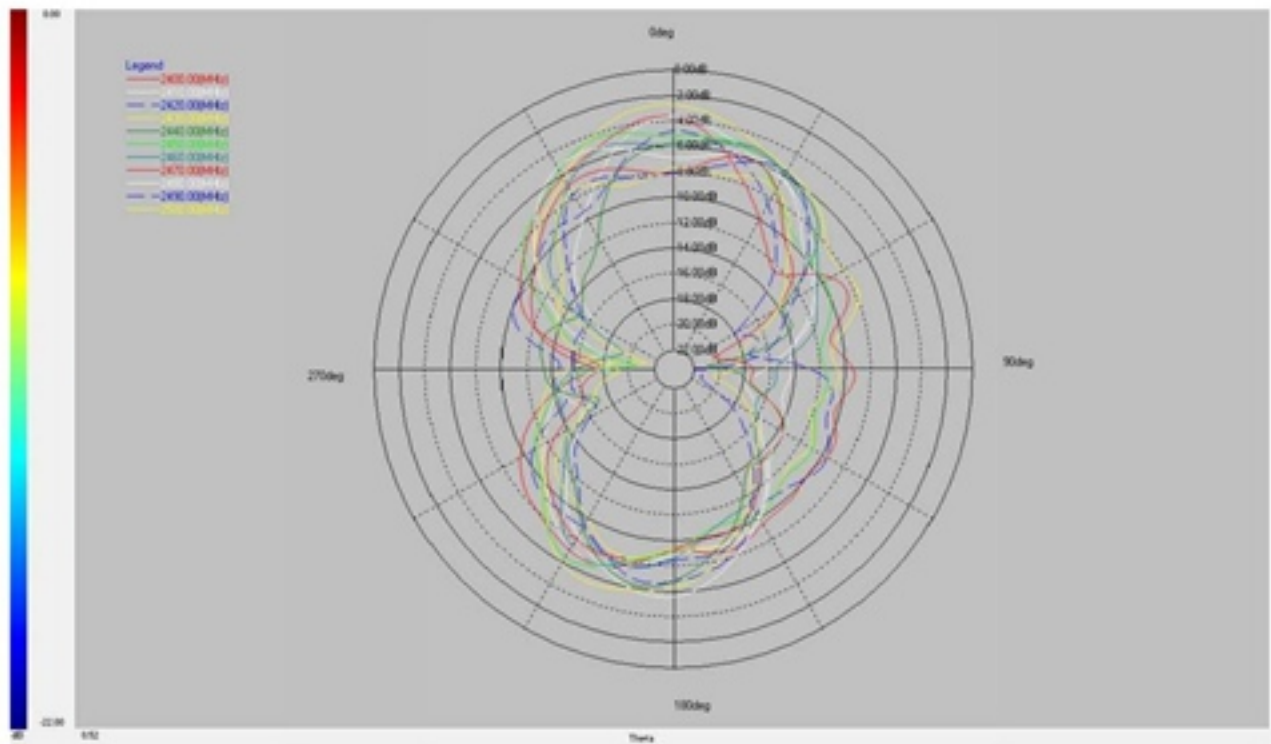
2400MHz

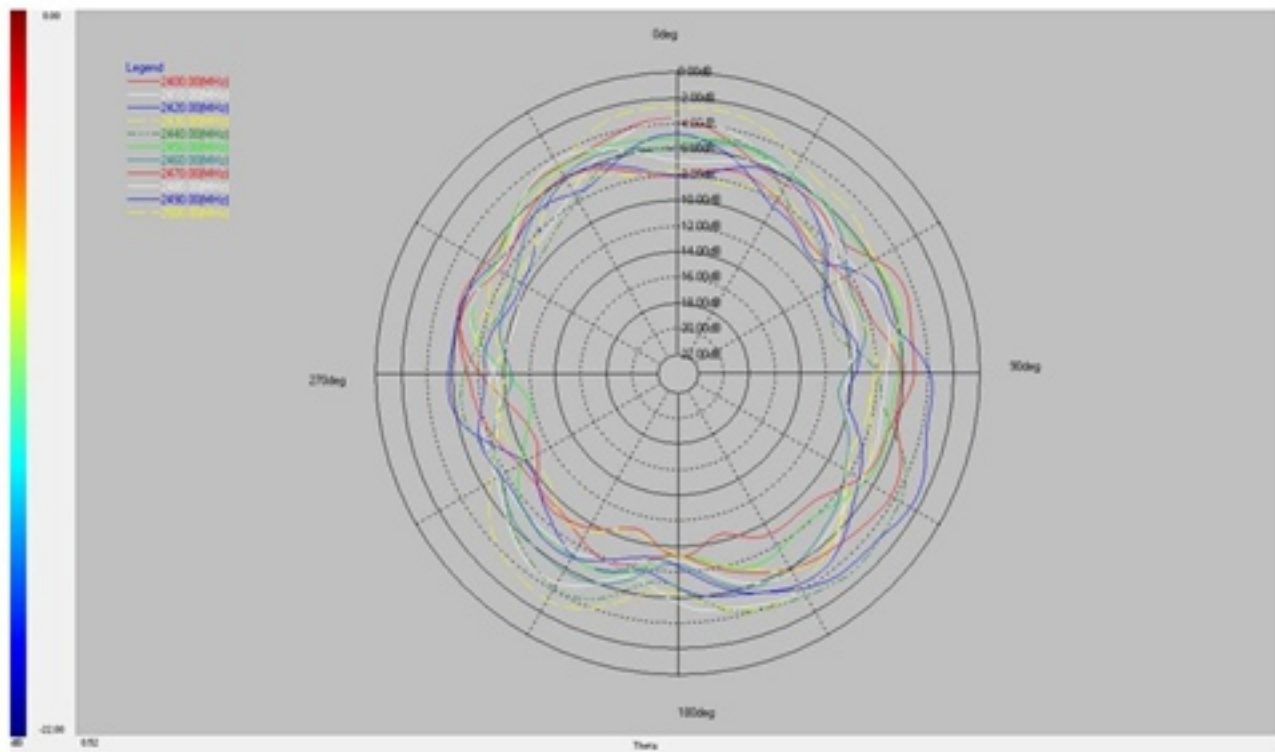
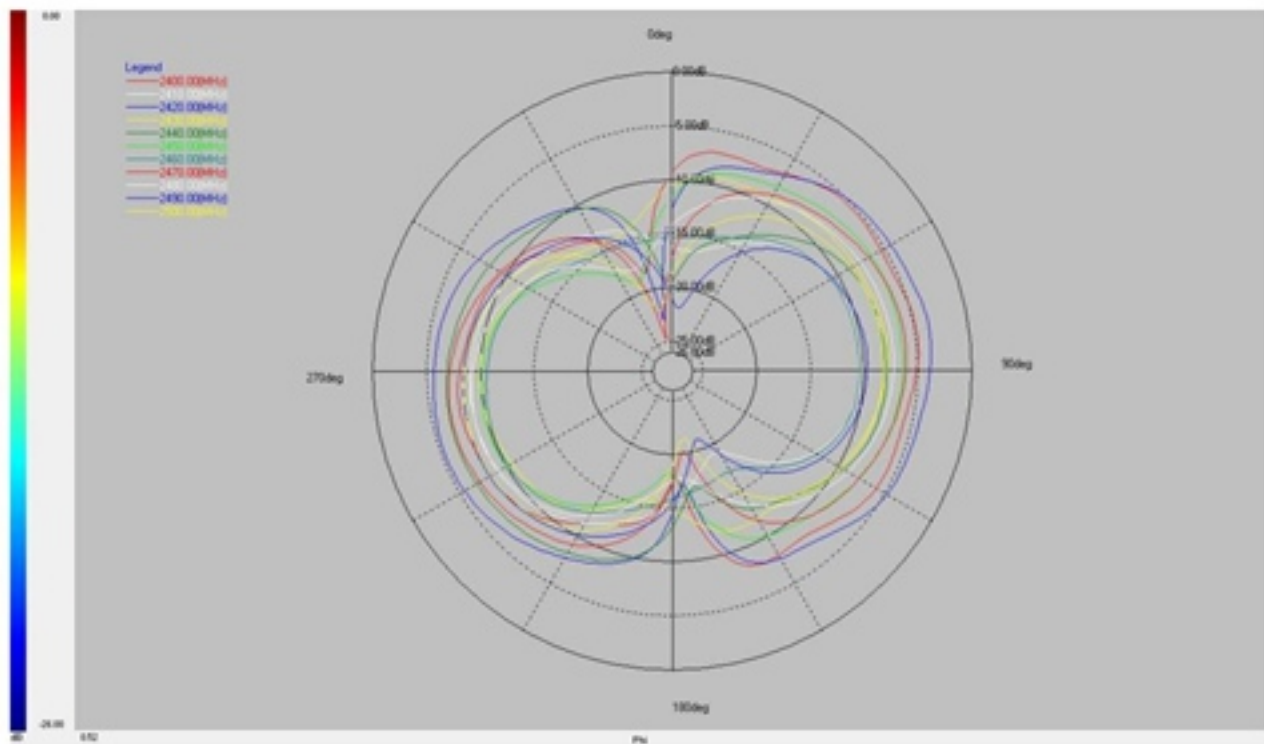


2440MHz



b) $\Phi=0$ degrees



c) $\Phi=90$ degreesd) $\Theta=90$ degrees



Annex C General Instructions

1.1 Test laboratory information

Company Name:	Shenzhen Moore Huanyu Communication Technology Co., Ltd. Moore
Department:	Laboratory Su Feng , 3rd Floor, Building A, Feiyang Science and
Address:	Technology Park, No. 8 Longchang Road, Baocheng 67 District, Baoan District, Shenzhen
Laboratory	
Supervisor: Tel:	+86 755 36698555
Fax:	+86 755 36698525

1.2 Test location

Name:	Shenzhen Moore Huanyu Communication Technology Co., Ltd. (Moore Lab) 3rd Floor, Building
Address:	A, Feiyang Science and Technology Park, No. 8 Longchang Road, Baocheng 67 District, Baoan District, Shenzhen

1.3 List of test equipment

Numbering	type	illustrate
1	E5071C Vector Network Analyzer	Manufacturer: Agilent
2	4*4*4 Full Anechoic Chamber	Manufacturer: Satimo
3	SG24 Multi-probe Antenna Measurement System	Manufacturer: Satimo

***** end of report *****