Shanghai Moya Electronic Technology Co.,Ltd

Letter of Recognition for the Antennae

Customer Name:

Antenna band: 4G/LTE

Antenna Model: **MO-LT01**

Manufacturer: Shanghai Moya Electronic Technology Co.

Date of Issue: **2019-11-18**

Manufacturer's recognition column.

copy (a model)	audits	license

Customer recognition column:

recognize	audits	license

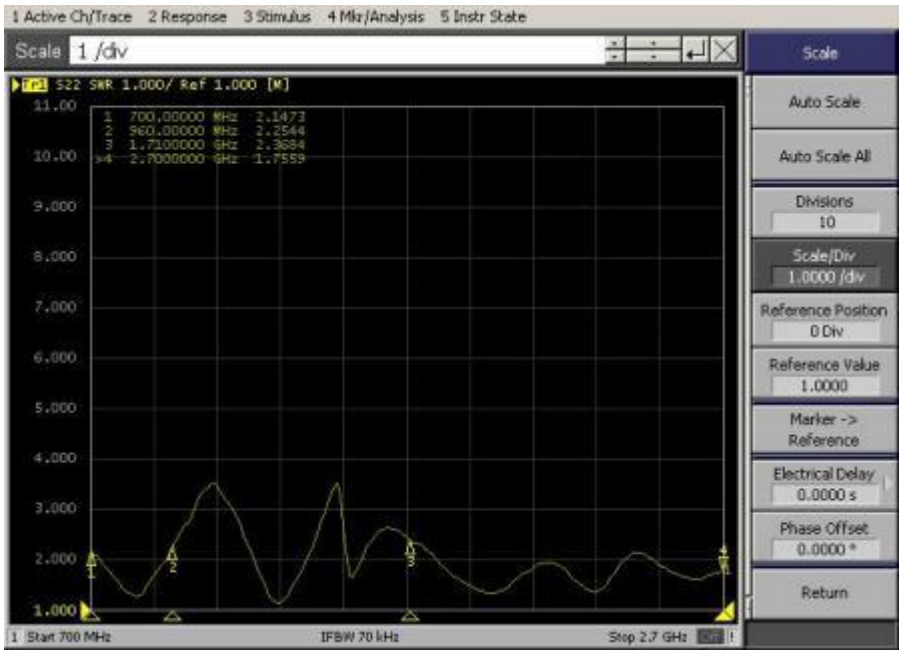
CONTENTS

I. Description of product specifications

Antenna Name	MO-LT01
Main Electrical Specifications	
Frequency Rang (MHz)	700-960/ 1710-2700MHz
Voltage Standing Wave Ratio VSWR	700 ≤ 3.0; 960 ≤ 3.0; 1710 ≤ 3.0; 2700 ≤ 3.0
Impedance (Ω)	50Ω
Polarization mode Polarization	Vertical Polarization
Main Structure Specifications	
Height Length(mm)	196.8
Connector Type	SMA
Appearance Color Color	ferrous

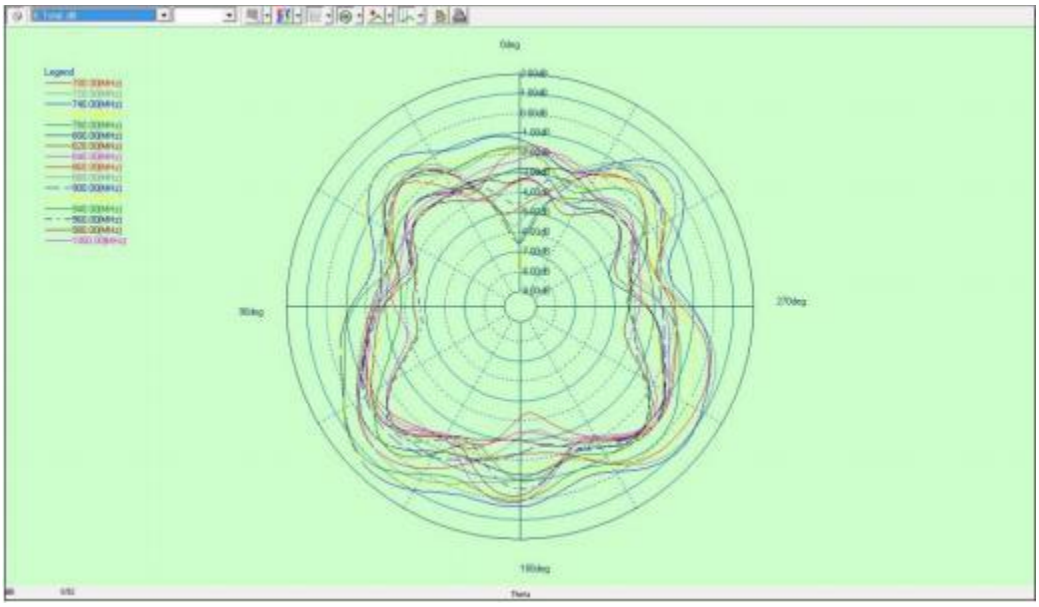
II. Exterior view

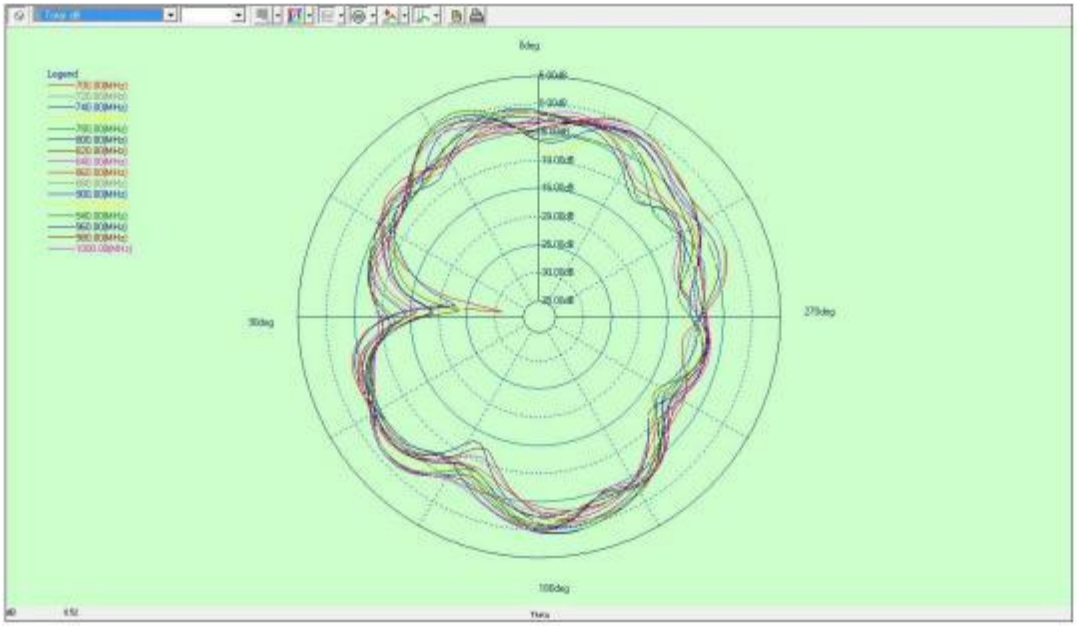
III. Passive test data

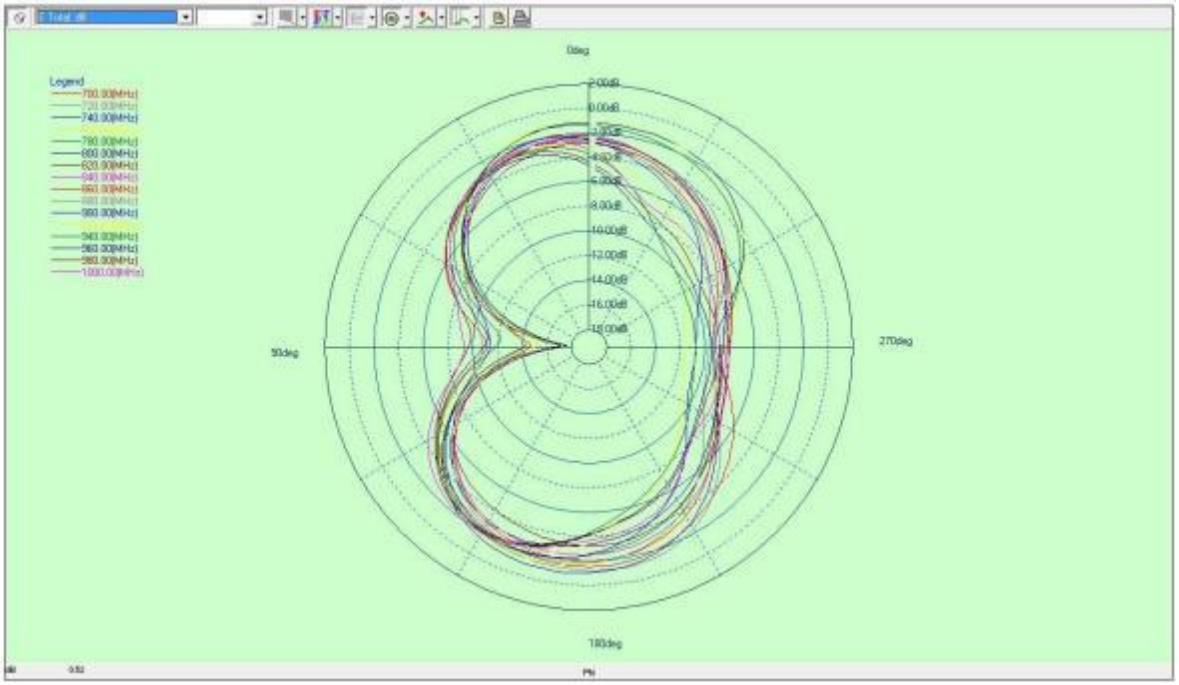


4.1, Gain Direction Diagram

Frequency	Efficiency	Peak Gain	Frequency	Efficiency	Peak Gain
700	49.20%	0.59	1700	63.33%	2.09
720	50.30%	0.61	1750	62.90%	2.06
740	52.90%	0.66	1800	61.80%	2.08
760	53.80%	0.59	1850	63.30%	2.13
780	51.30%	0.56	1900	63.20%	2.21
800	52.60%	0.58	1950	63.70%	2.19
820	53.90%	0.65	2000	63.80%	2.33
840	56.90%	0.71	2050	63.90%	2.48
860	56.30%	0.73	2100	64.30%	2.49
880	56.10%	0.78	2150	64.40%	2.38
900	58.60%	0.69	2200	64.10%	2.31
920	59.30%	0.68	2250	63.90%	2.49
940	59.60%	0.78	2300	63.80%	2.61
960	58.10%	0.86	2350	62.80%	2.55
			2400	62.50%	2.58
			2450	62.60%	2.63
			2500	62.90%	2.63
			2550	62.80%	2.68
			2600	63.30%	2.77
			2650	63.10%	2.79
			2700	63.50%	2.89



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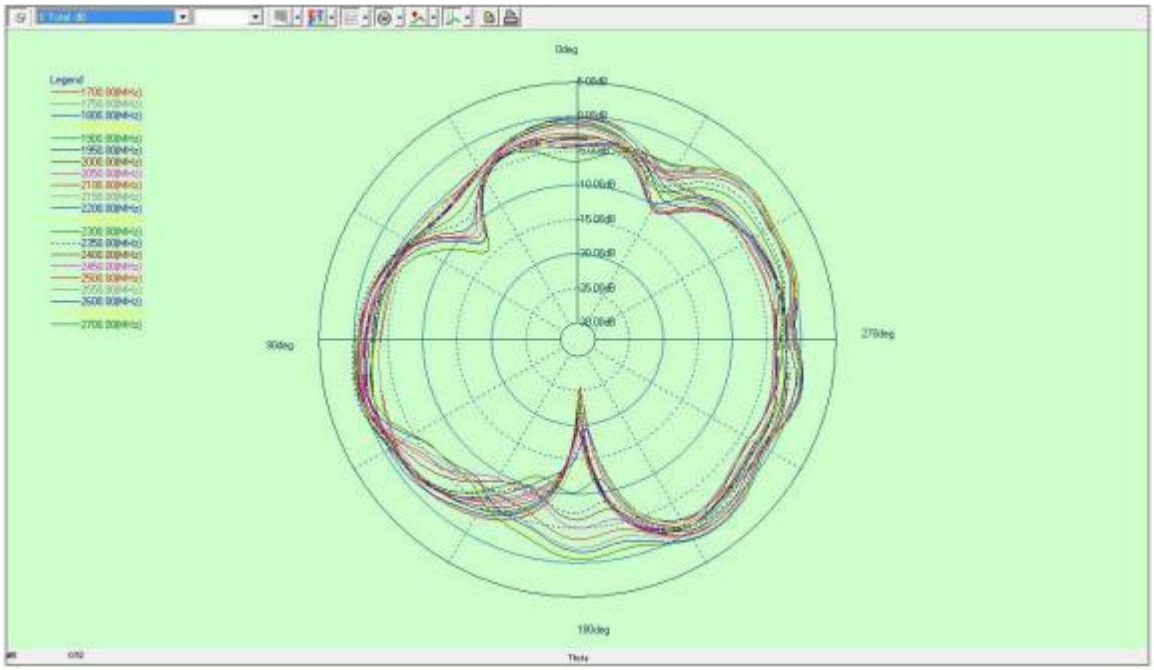
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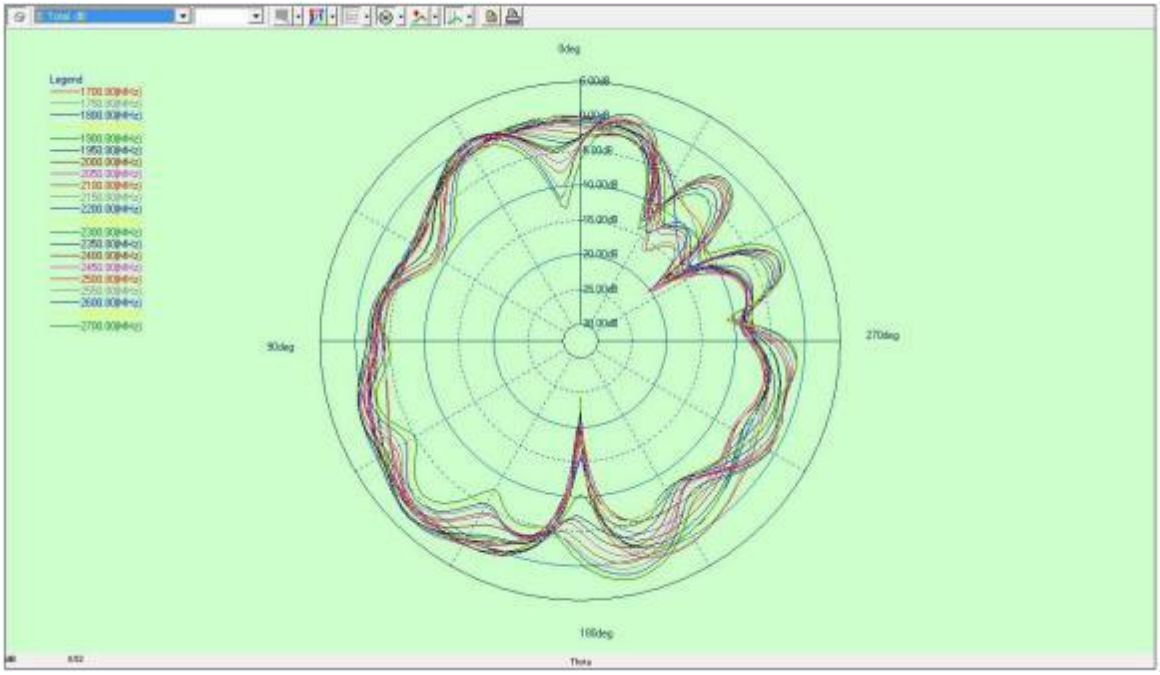
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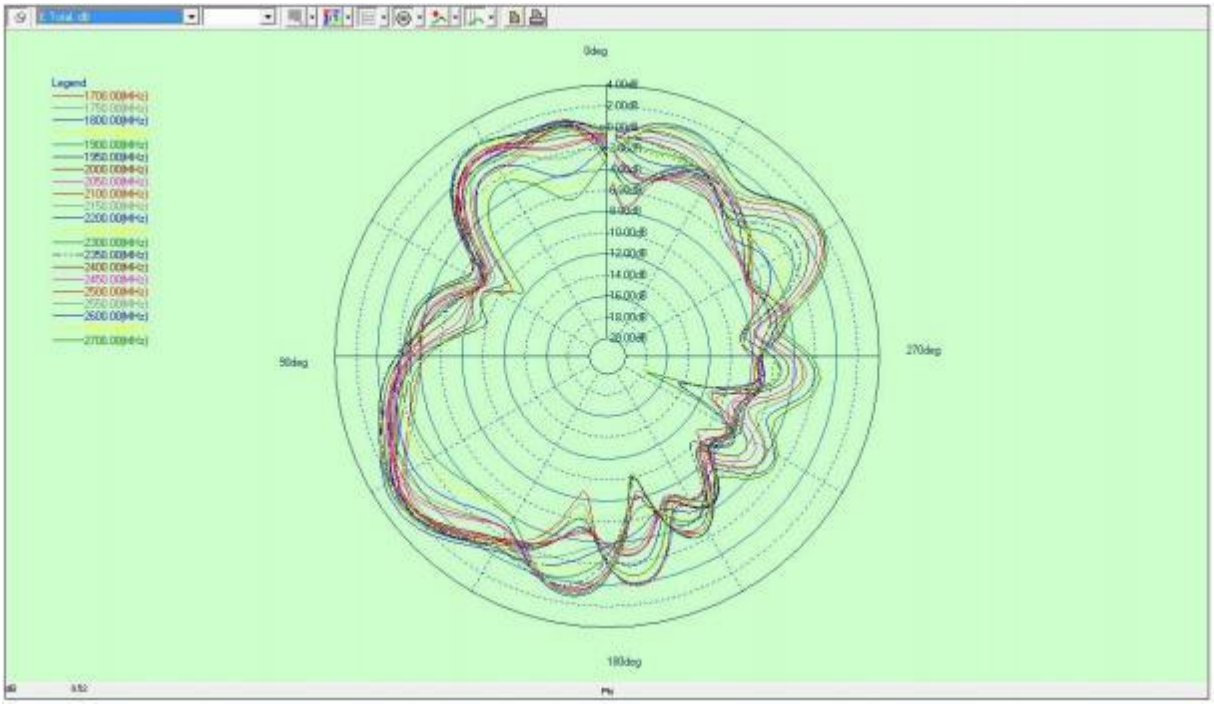
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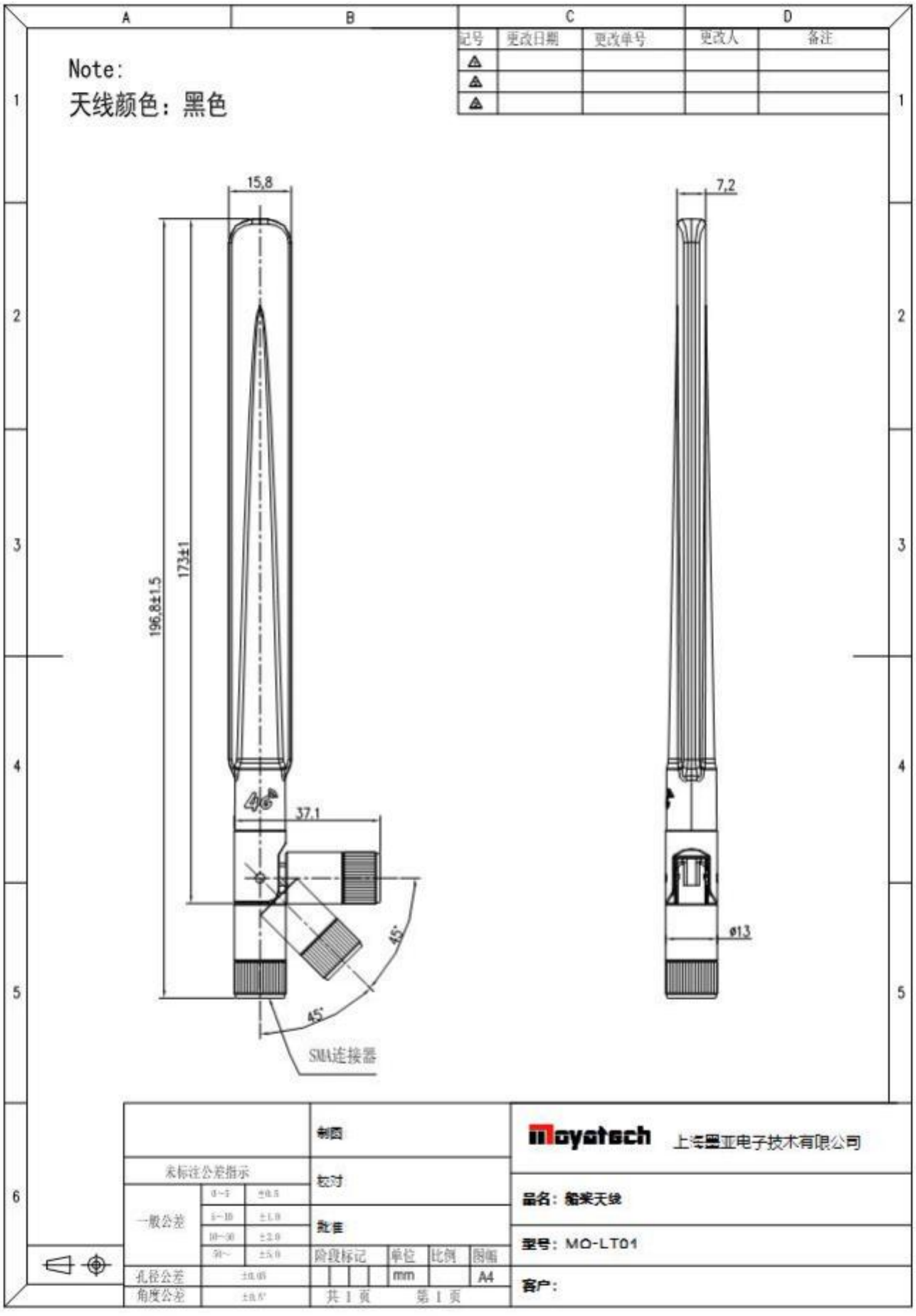
V. Dimensional inspection report

MOYA Sample Size Measurement Report (Version A/0)					
provider	MOYA	material (that sth is made of)		Drawing No.	MO-TECT
Project name		measurement environment	10-30° C	Drawing version	A/0
Finished product name	Oar Antenna	surveyor	wrinkled hair	Mold Time	
Finished Product Code	MO-LT01	measuring time	2019.11.16	Molding time	

Size Information						Measurement samples			Handling of comments			
Number	Location	Size Nature	sizes	on the order of magnitude of a function (i.e. decimal or Roman numeral)	underperform	1	2	3	judgment	Supplier's comments	Comments	gauge
1		ordinary	196.8	1.5	1.5	196.8	196.8	196.6	OK	eligible (voter etc)		caliper
2		ordinary	173	1	1	173	173	173	OK	eligible (voter etc)		caliper
3		ordinary	37.1	1	1	37.1	37.1	37.2	OK	eligible (voter etc)		caliper

VI. Engineering drawings



VII. Temperature test report

Dongguan Pulxin Communication Equipment Co.,Ltd

High and low temperature test report

Client.	Product Name: Propeller Antenna			Product Model:MO-LT01
Purpose of the test	Confirm that the product is not abnormally defective			
Pilot project	Low temperature storage test	High temperature storage test	■Temperature shock test	Constant humidity and heat test
test condition	Samples were stored at a low temperature of -35° C for 2 hours.	The samples were stored at a high temperature of 70° C for 2 hours.	Samples are stored at 75° C for 2 hours, transferred to -35° C for 2 hours within 5 minutes for one cycle, and shocked for three consecutive cycles before being removed and restored to the natural environment for 2 hours.	The samples were stored at 60℃ and 95±2% humidity for 12 hours.
Trial period	November 16, 2019 10:00 to 17:00 (24H)			
Test Quantity	Gray 5PCS			
Test Requirements	After the test, the product passes the electrical performance test; no deformation, loosening, cracking, discoloration and other defects in appearance.			
Test results				
Confirmation of no problems before the test and confirmation of no problems after the test				
Determination of results	■ Compliance		□ Failed	
Criteria for determination	□GB2423.1-2001/GB2423.2-2001/GB2424.13-2002 □ Customer standard			
Remarks				

Composed by: Zhou Fei Date: 2019.11.18

Confirmation: Chen Bo Date: 2019.11.18

Audit: Li Jie Date: 2019.11.18