

Shanghai Moya Electronic Technology Co.,Ltd

Letter of Recognition for the Antennae

Customer Name: Shanghai AirM2M Communication Technology Co., Ltd.

Antenna band: Moyotech

Antenna Model: **MO-LT01**

Manufacturer: Shanghai Moya Electronic Technology Co.Ltd

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

Manufacturer's recognition column.

copy (a model)	audits	license

Customer recognition column:

recognize	audits	license

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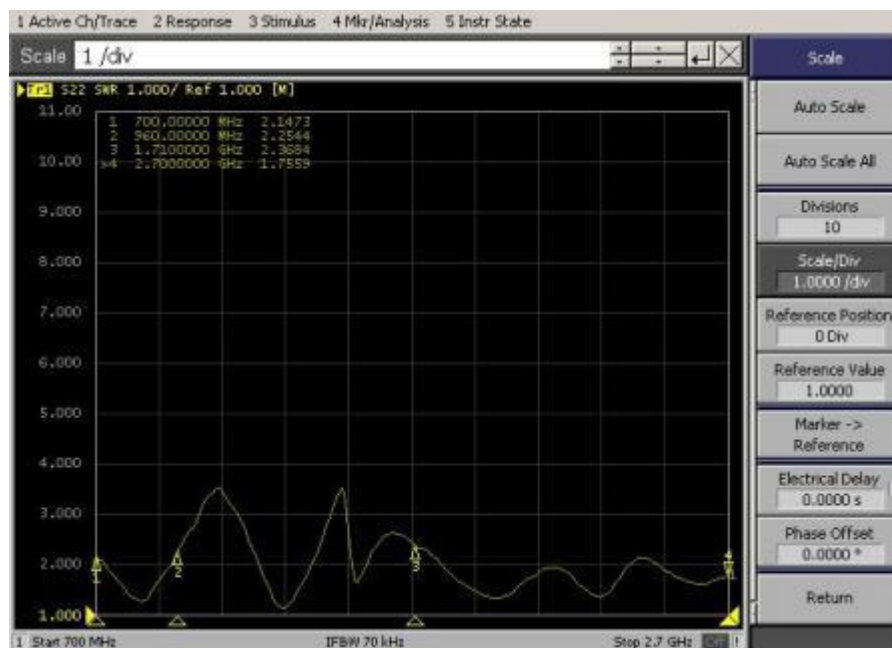
I. Description of product specifications

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

II. Exterior view

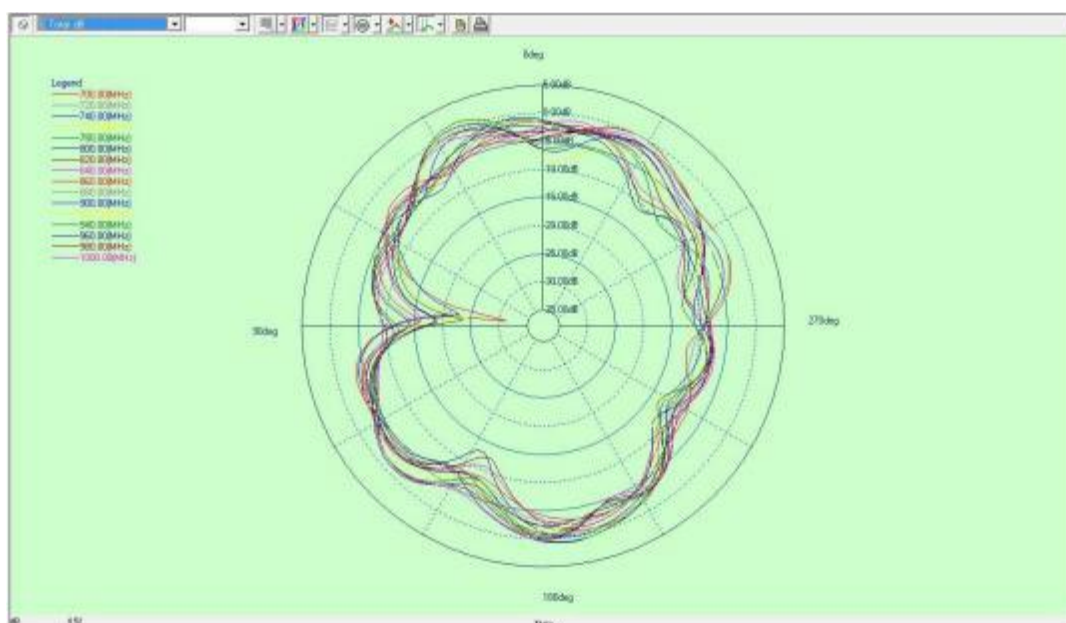
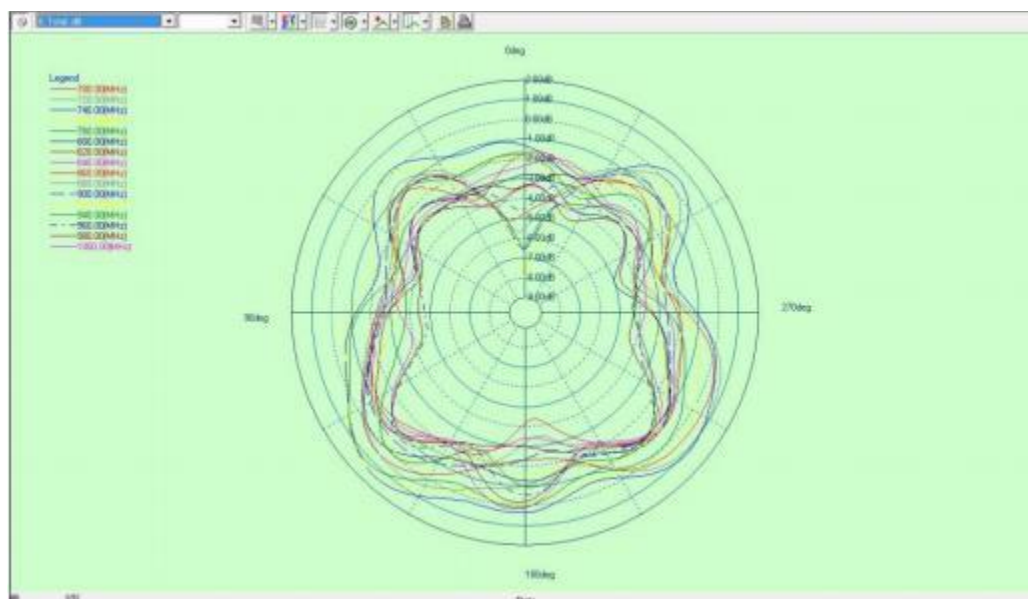


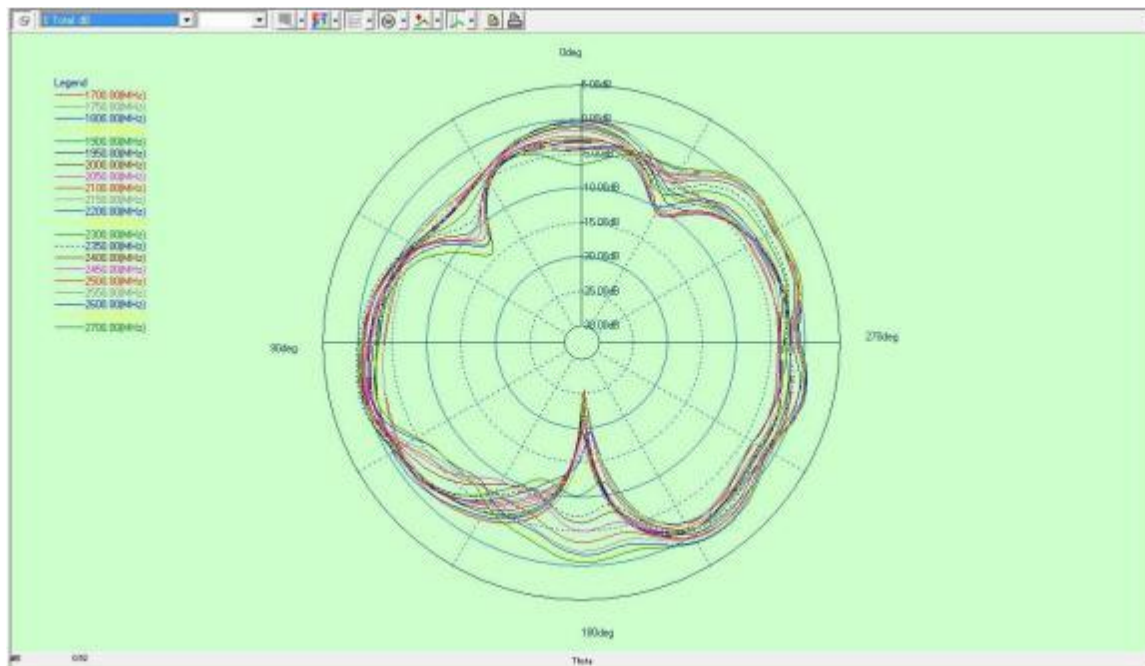
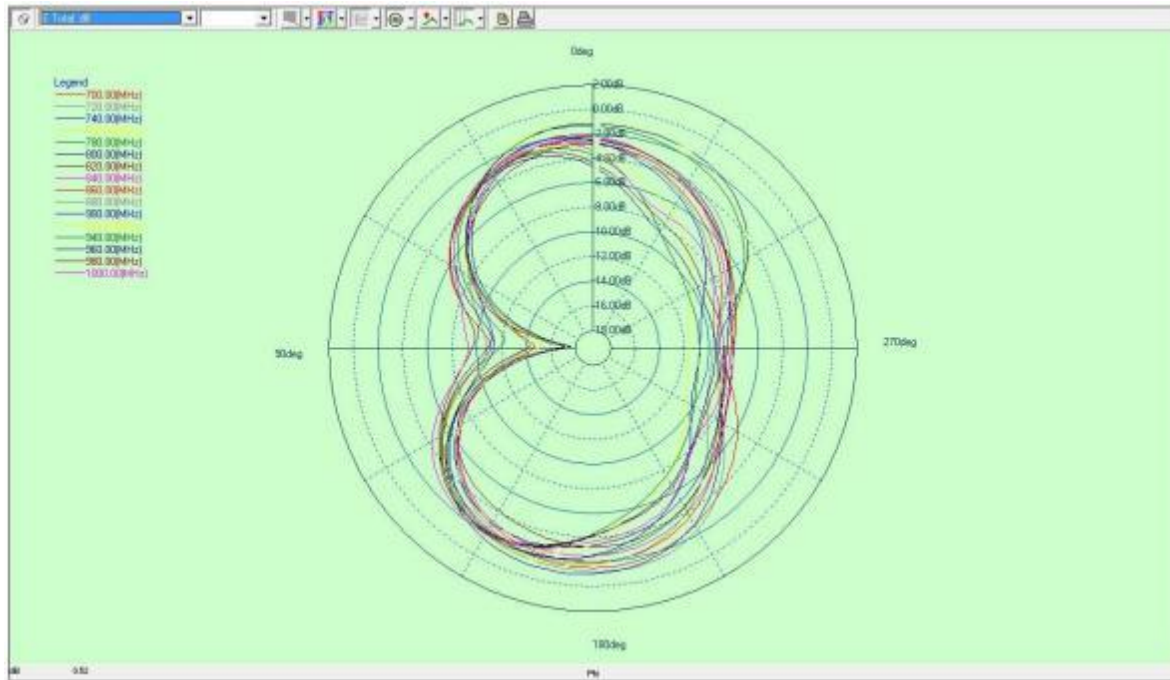
III. Passive test data

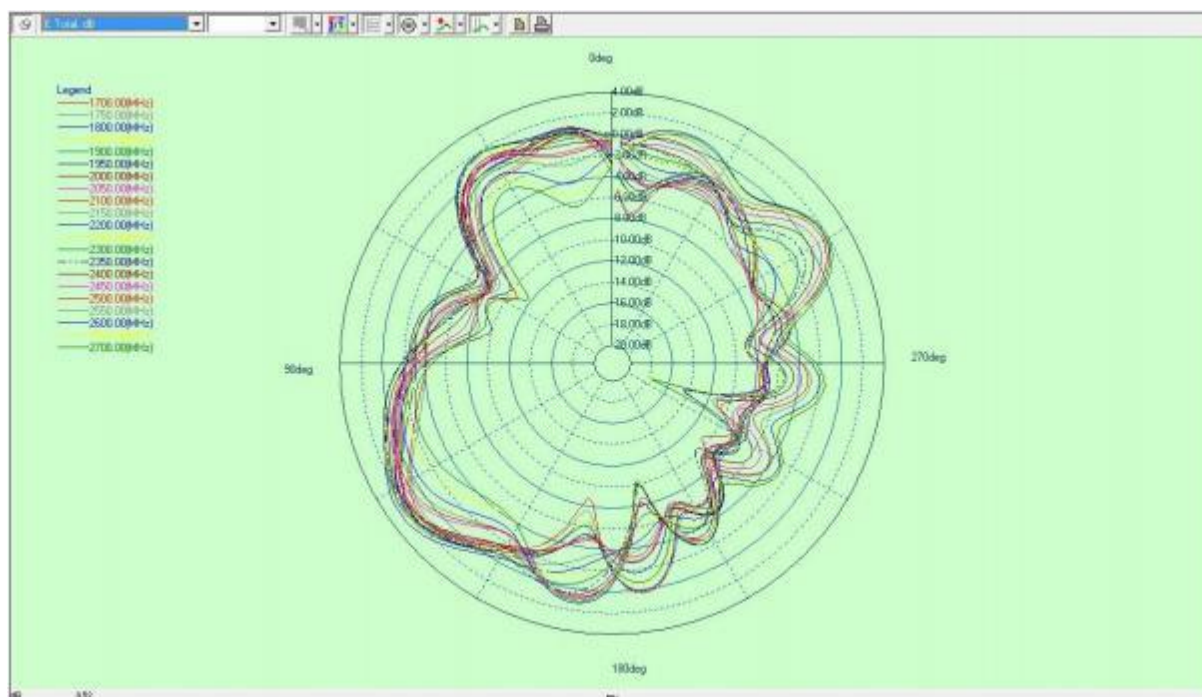
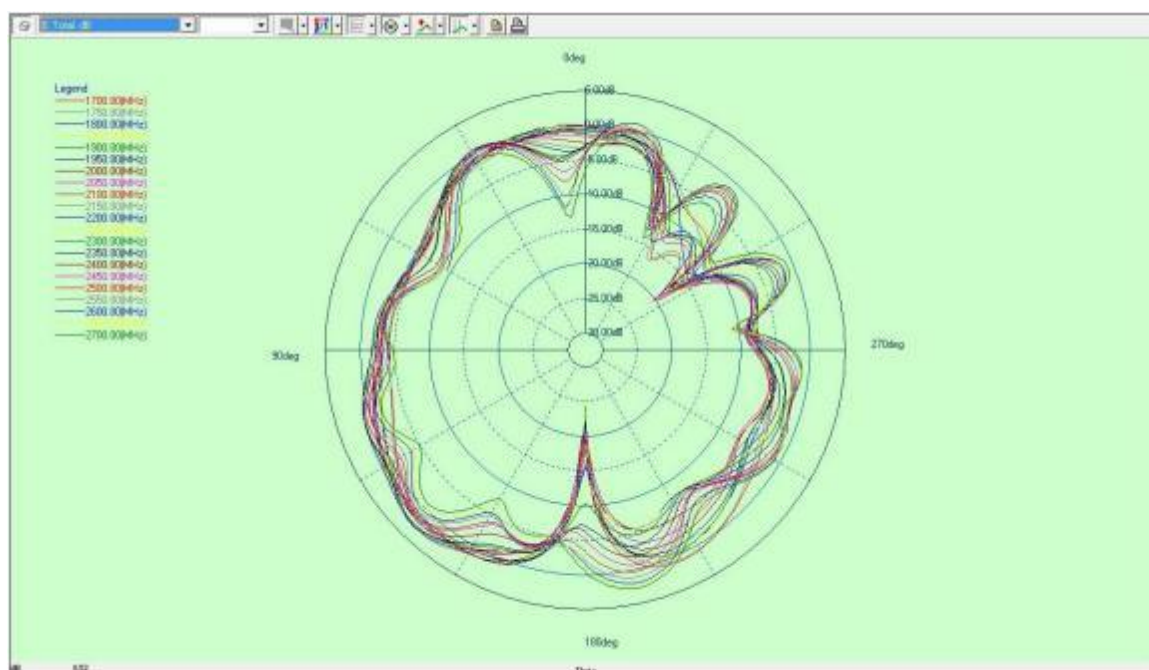


4.1, Gain Direction Diagram

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



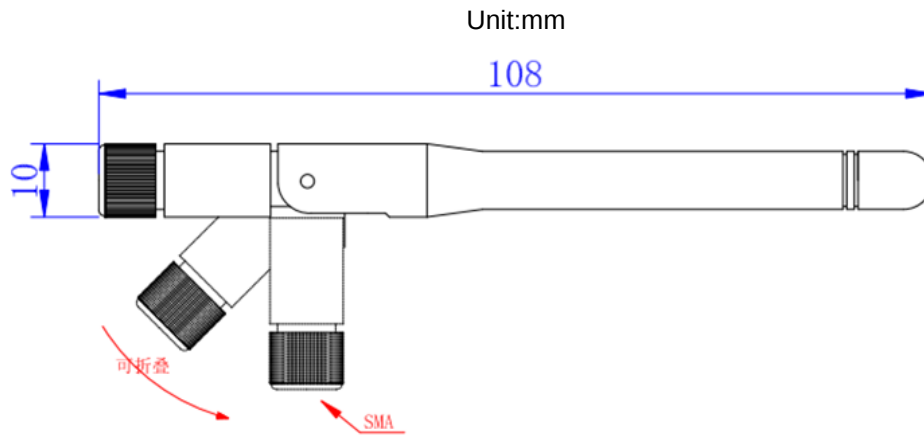




V. Dimensional inspection report

[illegible]

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°C 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

Confirmation: Chen Bo

Audit: Li Jie

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