

APPROVAL SHEET

CUSTOMER : 中磊電子股份有限公司

MODEL NO. : W115-141-D2

DESCRIPTION: 2.4G ANTENNA WITH RP SMA

Signed By Customers

Approved By:

供應商: 垠旺精密股份有限公司

TEL:02-2917-7528;FAX:02-2912-1659

台北縣新店市寶興路 37 號 3 樓

SPECIFICATION

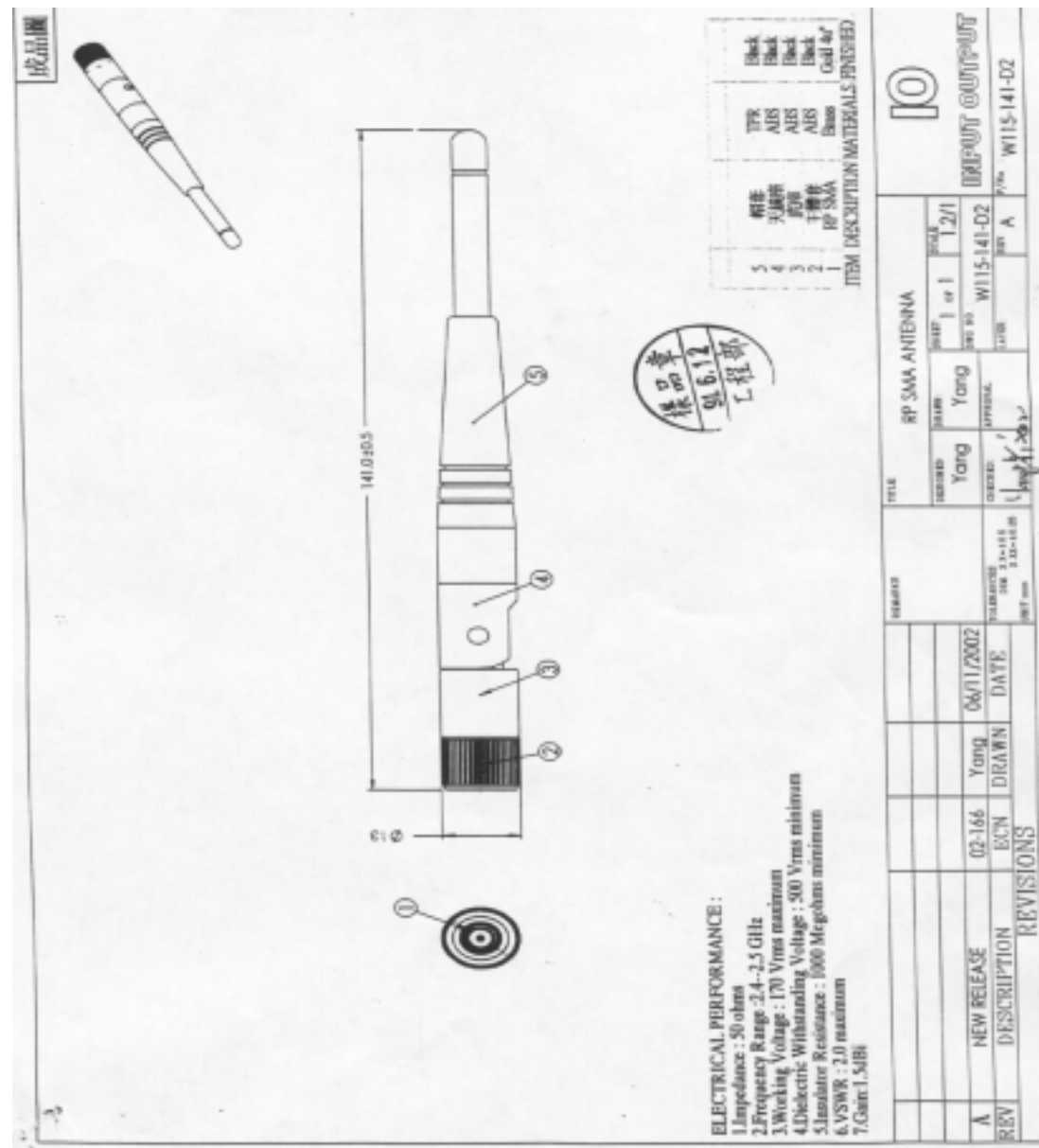
1. Electrical Properties

1-1	Frequency Range	2.4~2.4835GHz
1-2	Impedance.....	50 Ohms nominal
1-3	V.S.W.R.....	2.0 (Max.)
1-4	Return Loss.....	-10.0 dB(Max.)
1-5	Max. Gain.....	2.0dBi
1-6	Polarization.....	Vertical
1-7	Admitted Power.....	1W
1-8	Electrical Wave.....	1/4 λ Dipole

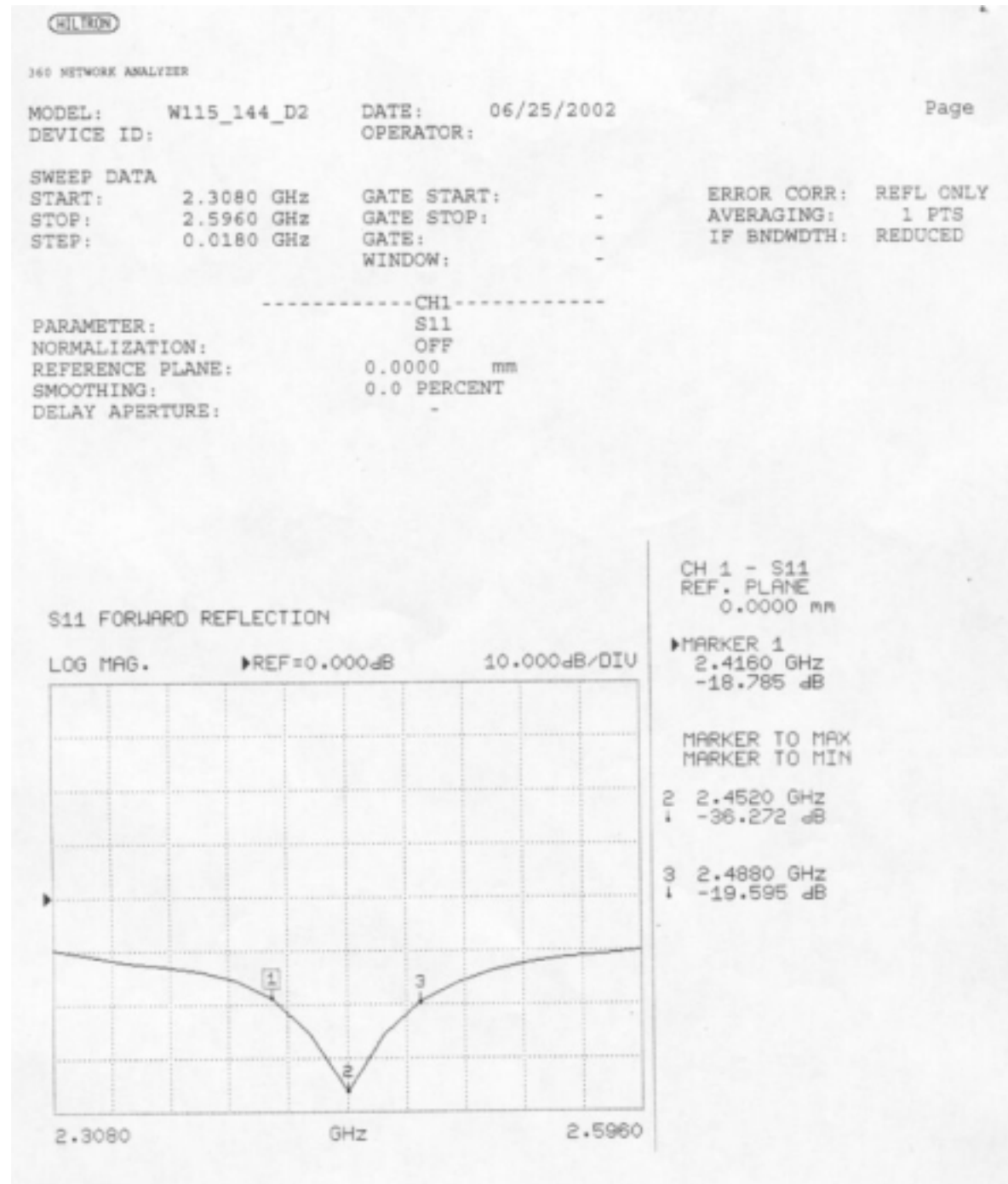
2. Mechanical Properties

2-1	Connector.....	RP SMA PLUG
2-2	Cable.....	RG178
2-3	Antenna Body.....	T.P.R.
	Antenna Base.....	ABS
2-4	Operating Temperature Range.....	-20°C ~ +50°C
2-5	Storage Temperature Range.....	-20°C ~ +50°C
2-6	Rotating Test	1.0kg-cm after 2000 cycles with rate of 30 cycles/mins (Max.).
2-7	Attachment Strength.....	2.0 kg-cm .

工程成品圖



Return Loss



H-Plane Test Report

IO ANTENNA PATTEM

ANTENNA TEST NO. W115-144-D2

TEST DATE:2002/06/07

TEST FREQUENCY:2450GHz

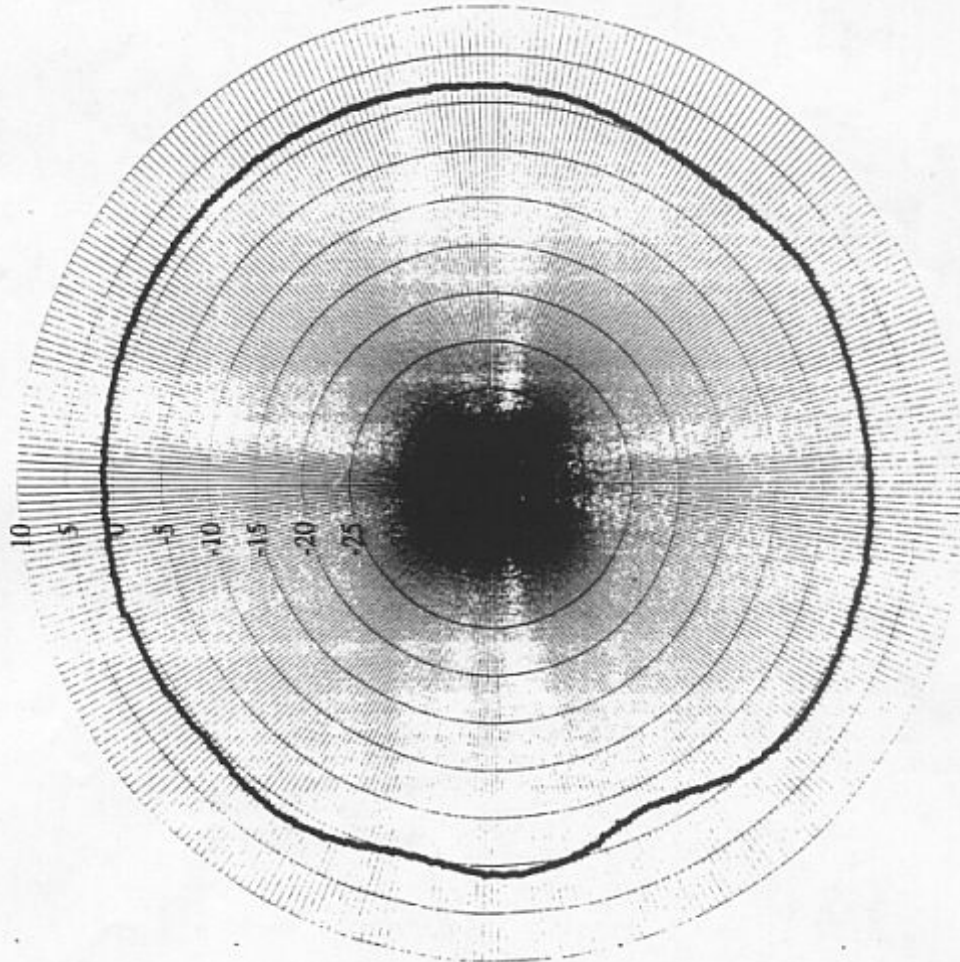
TEST POLARIZATION:VERTICAL
(H-PLANE)

TEST ANTENNA:HORN ANTENNA

TEST CHAMBER:RF CHAMBER

TEST PERSONNEL: Yang

MAX GAIN:	1.93 dBi
MIN GAIN:	-2.54 dBi
AVE GAIN:	0.64 dBi



E-Plane Test Report

IO ANTENNA PATTEM

ANTENNA TEST NO. W155-144-D2

TEST DATE:2002/06/07

TEST FREQUENCY:2450GHz

TEST POLARIZATION:HORIZONTAL
(E-PLANE)

TEST ANTENNA:HORN ANTENNA

TEST CHAMBER:RF CHAMBER

TEST PERSONNEL: Yang

MAX GAIN: 3.77 dBi
MIN GAIN: -19.95 dBi
AVE GAIN: -3.60 dBi

