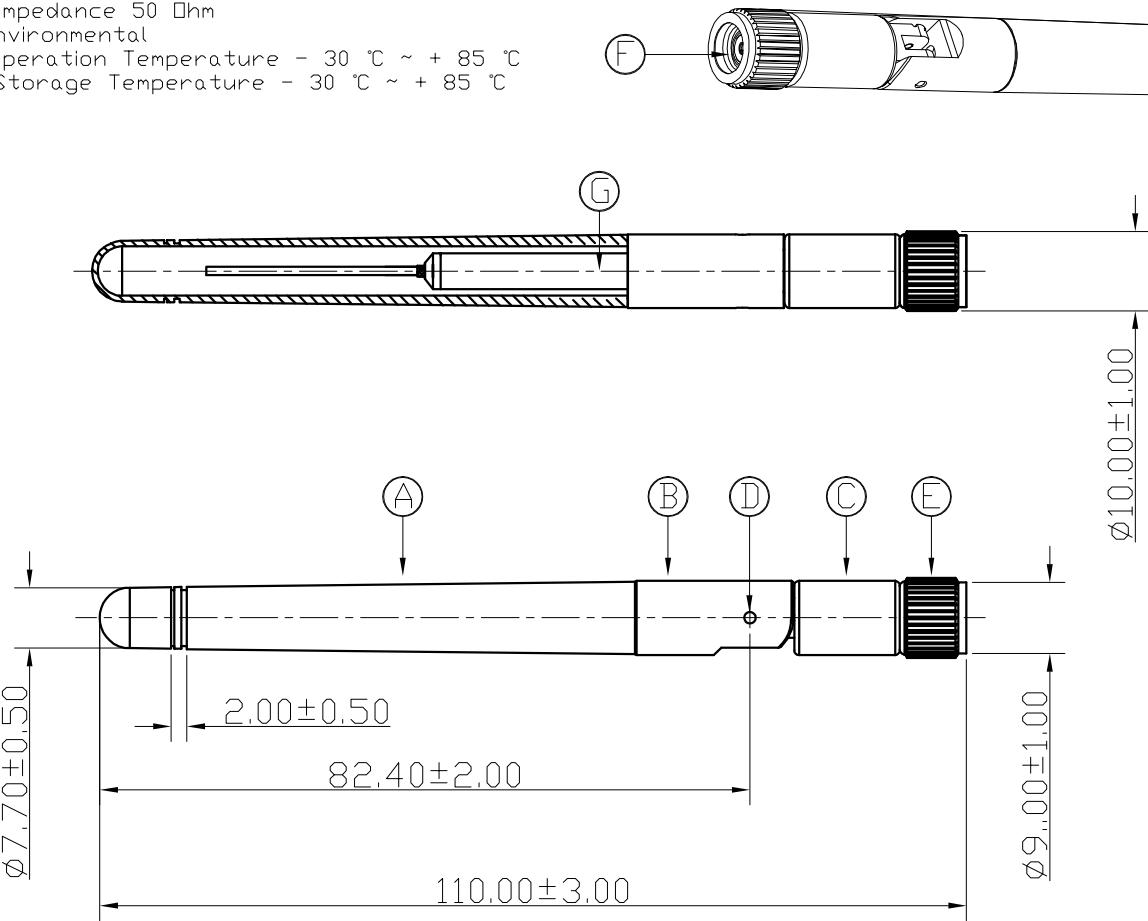


0	1	2	3	4	5	6	7	8	9	10	11	
<input checked="" type="checkbox"/> RoHS	<input checked="" type="checkbox"/> Not Confirmed yet	CUSTOMER:			PN:	REV.	EC#	DESCRIPTION	DATE	DRAWN	CHECK	
<input type="checkbox"/> HF	<input type="checkbox"/> Final SPEC Confirmed	PN:			Rev: 1.00	1.00	EC20161008-011	NO.1	20161008	Hali Chen	Hali Chen	James lu

Electrical Characteristics:

1. S.W.R. <= 2.0 @ 2400~2500 MHz
2. Typical Antenna Gain 2.0dBi
3. Impedance 50 Ohm
- Environmental
 1. Operation Temperature - 30 °C ~ + 85 °C
 2. Storage Temperature - 30 °C ~ + 85 °C

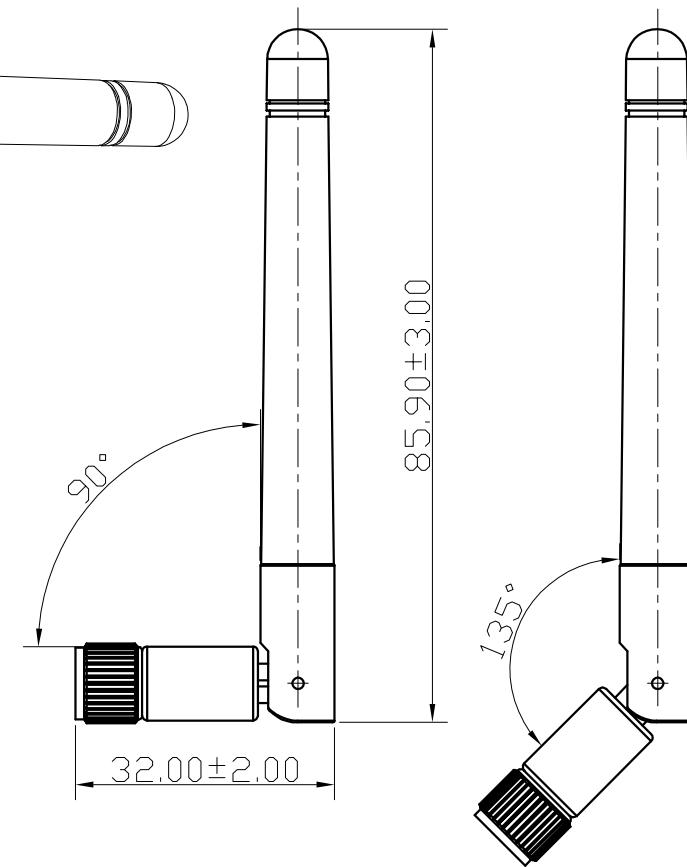


RoHS2.0 Compliant

G	WIRE	2	RG178 L: 85.00mm	
F	COPPER PIPE	1	BRASS	
E	SMA MALE	1	BRASS	
D	POSITIONING PIN	6	BRASS	
C	CONNECTING TUBE	1	PA-6	
B	CONNECTOR	1	PA-6	
A	HOUSING	1	TPE	
No.	PART NAME	QTY	MATERIAL(THICK,COLOR)	REMARK

GENERAL TOLERANCES

DIM	TOL	DIM	DEG
X		X'	±5.00°
X.X	±1.00	X.X'	±3.00°
X.XX	±0.50	X.XX'	±2.00°
X.XXX	±0.25	X.XXX'	

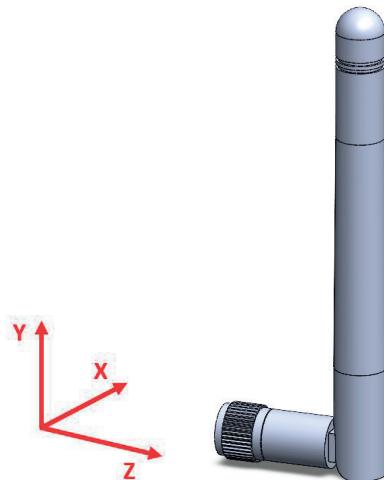


. Antenna Radiation Pattern
 Testing Equipment Specification:
 1. Antenna Anechoic Chamber Dimension: 8 x 4 x 4 m
 2. Quite Zone: 600mm @ 1 GHz
 3. Isolation: >100dB @ 1 MHz ~ 10 GHz
 4. Testing Equipment: Agilent 5071B
 5. Received Antenna: 0.7 ~ 6.0 GHz for Gain Calibration
 6. Double Ridged Horn Antenna

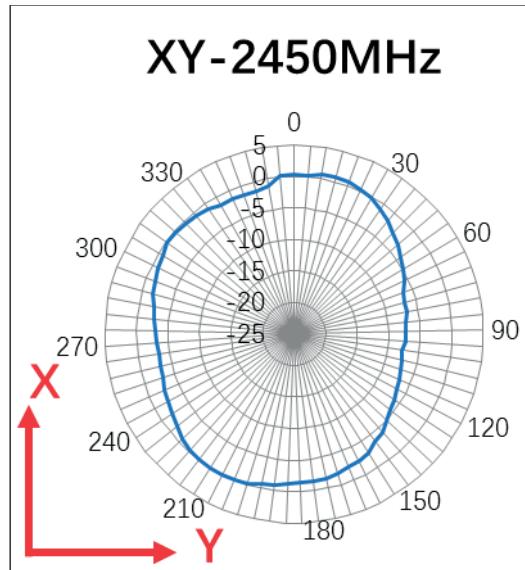
MINFCN		MINFCN ELECTRONICS CO.,LTD	
DRAW :	Hali Chen	2018-10-08	TITLE: ANTENNA
DESIGN:	Hali Chen		DRAW NAME: MFCA2400-2DBSMA
CHECK:	James lu		SERIES:
APPROVED:	James lu		DRAW NO.:
CUSTOMER DRAWING		REV. 1.00	P/N:
SCALE N/A		UNIT: SHEET: mm 1/1	DRAW NO.:
		DRAW NO.:	

MFCA2400 - 2DBSMA POLAR DIAGRAM

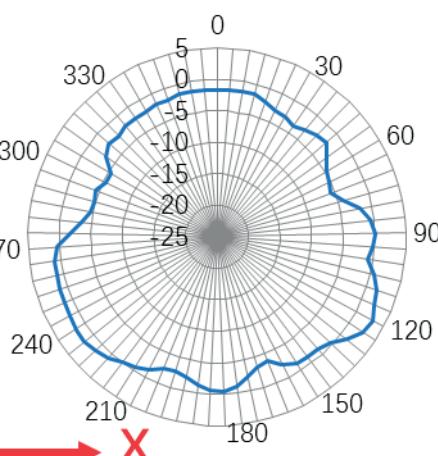
RADIATION PATTERN



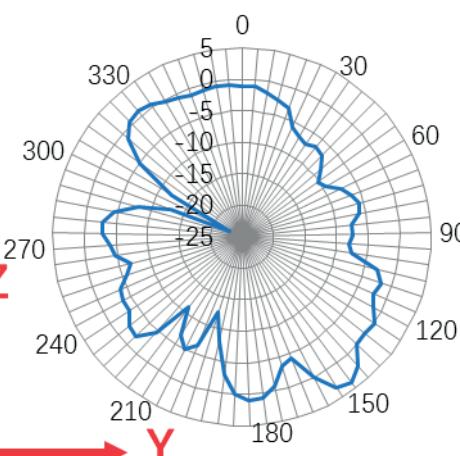
XY-2450MHz



XZ-2450MHz



YZ-2450MHz



2D RADIATION PATTERN OF ANTENNA AT 2450MHz IN FREE SPACE