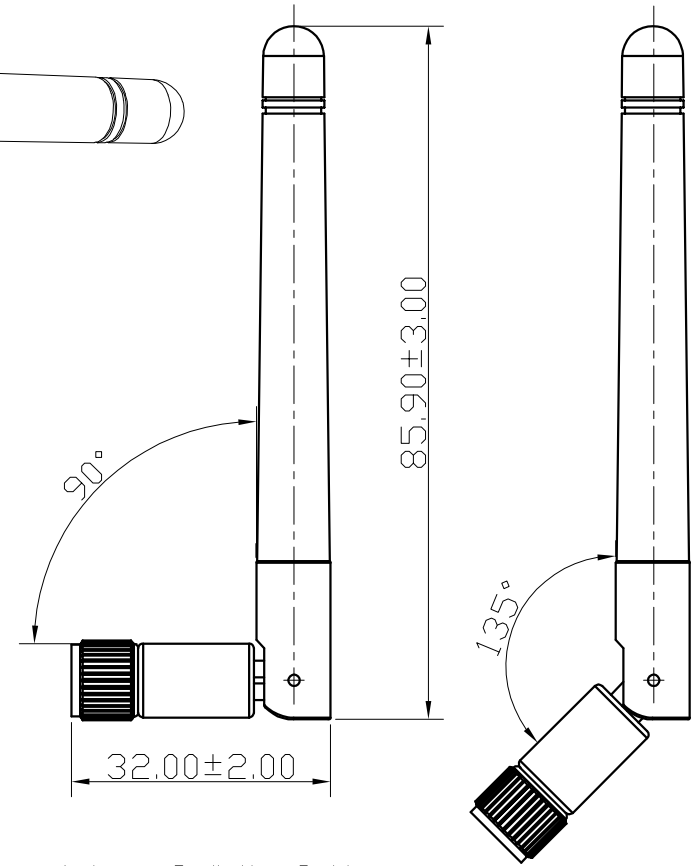
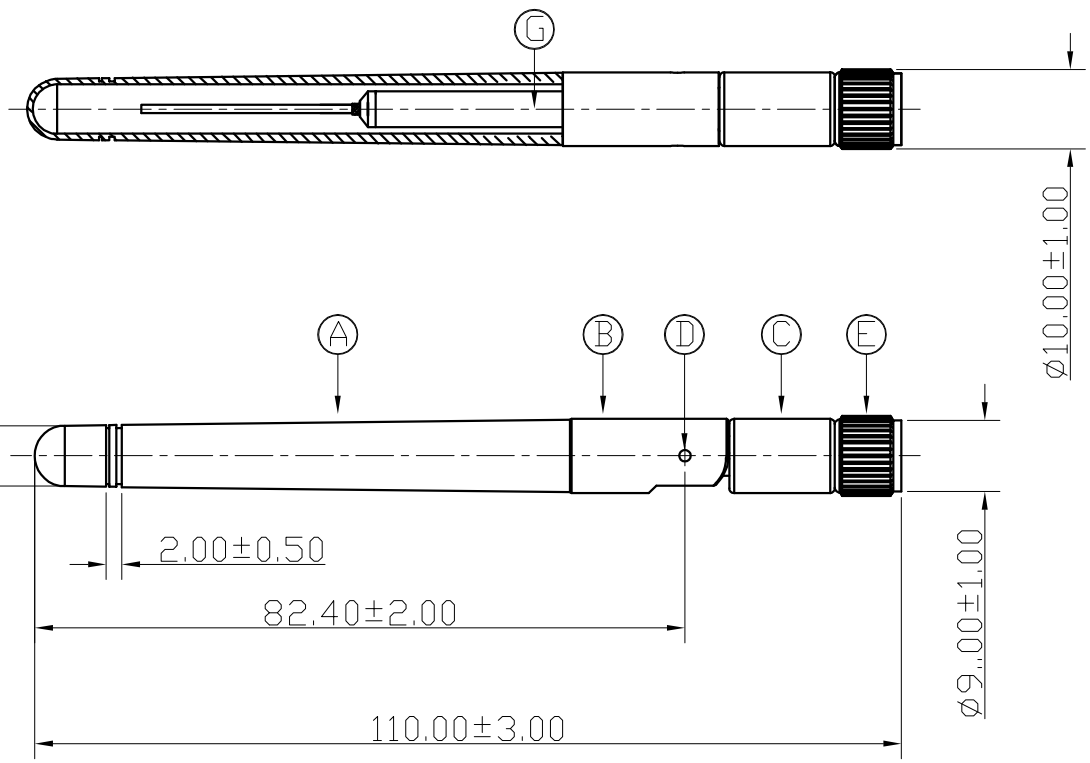
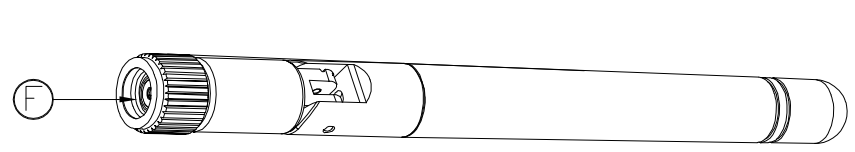


0	1	2	3	4	5	6
<input checked="" type="checkbox"/> RoHS	<input checked="" type="checkbox"/> Not Confirmed yet	CUSTOMER:		PN:		
<input type="checkbox"/> HF	<input type="checkbox"/> Final SPEC.Confirmed	PN:		Rev: 1.00		

7	8	9	10	11
REV.	EC#	DESCRIPTION	DATE	DRAWN
1.00	EC20161008-011	NO.1	20161008	Hali Chen
				Hali Chen
				James lu

Electrical Characteristics:
1. S.W.R.(Tested in PC) <= 2.0 @ 2400~2500 MHz
2. Typical Antenna Gain 2.0dBi
3. Impedance 50 Ohm
4. Environmental
1. Operation Temperature - 30 ℃ ~ + 85 ℃
2. Storage Temperature - 30 ℃ ~ + 85 ℃



Antenna Radiation Pattern
Testing Equipment Specification:
1. Antenna Anechoic Chamber Dimension: 8 x 4 x 4 m
2. Quiet 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

RoHS2.0 Compliant

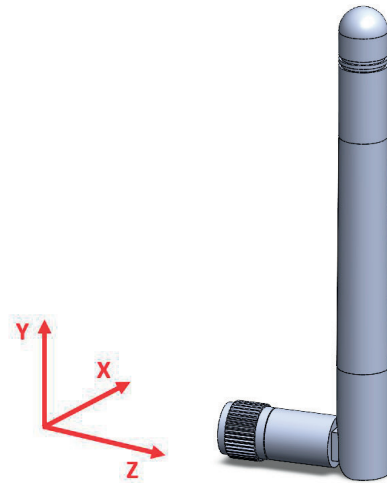
G	WIRE	2	RG178 L: 85.00mm	
F	COPPER PIPE	1	BRASS	
E	SMA MALE	1	BRASS	
D	POSITIONING PIN	6	BRASS	
C	CONNECTING TUBE	1	PA-6	
B	CONNECTOR	1	PA-6	
A	HOUSING	1	TPE	
No.	PART NAME	QTY	MATERIAL(THICK,COLOR)	REMARK

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'	

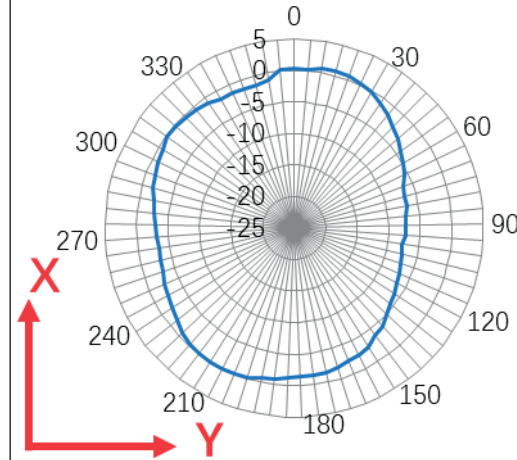
MINFCN MINFCN ELECTRONICS CO.,LTD 明富康电子有限公司(中国)			
DRAW :	Hali Chen	2018-10-08	TITLE: ANTENNA
DESIGN:	Hali Chen		
CHECK:	James lu		SERIES:
APPROVED	James lu		P/N:
CUSTOMER DRAWING		REV. 1.00	SCALE N/A
DRAW NAME: MFCA2400-2DBSMA		DRAW NO.	
UNIT: mm		SHEET: 1/1	

MFCA2400 - 2DBSMA POLAR DIAGRAM

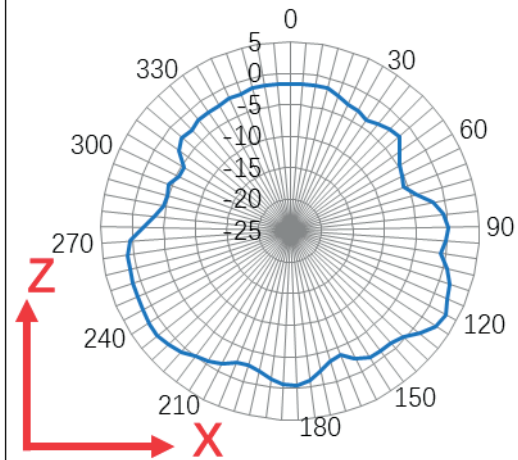
RADIATION PATTERN



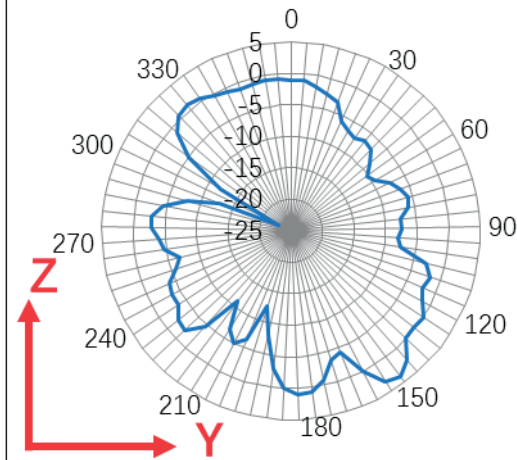
XY-2450MHz



XZ-2450MHz



YZ-2450MHz



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