



专业无线终端天线供应商

CUSTOMER NAME:	涂鹤科技
PRODUCT NAME:	TYWE35
Ren Feng P/N:	印制天线
WRITED:	黄超
DATE:	2017/8/29
VERSIONS:	V1.0 (天线测试)

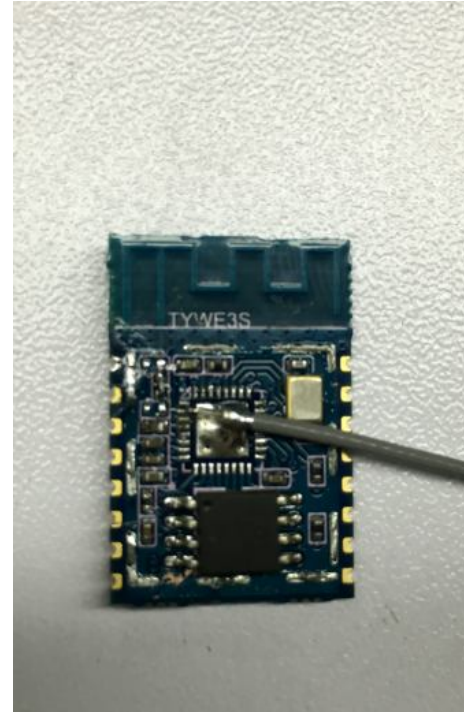
The **Wireless Connection** Unlimited Wonderful

无线连接 无限精彩



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Project



印制pcb天线

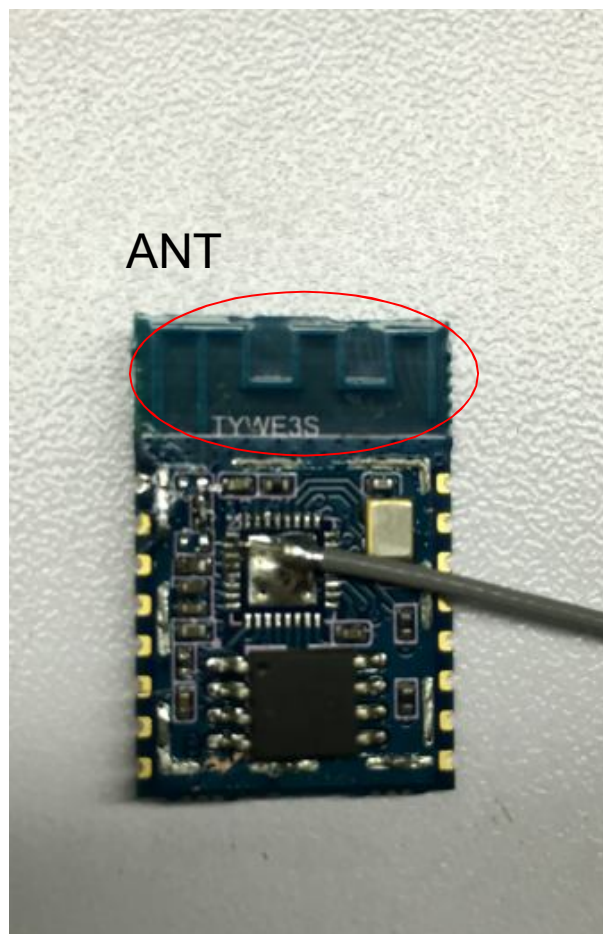
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RF link

Antenna structure

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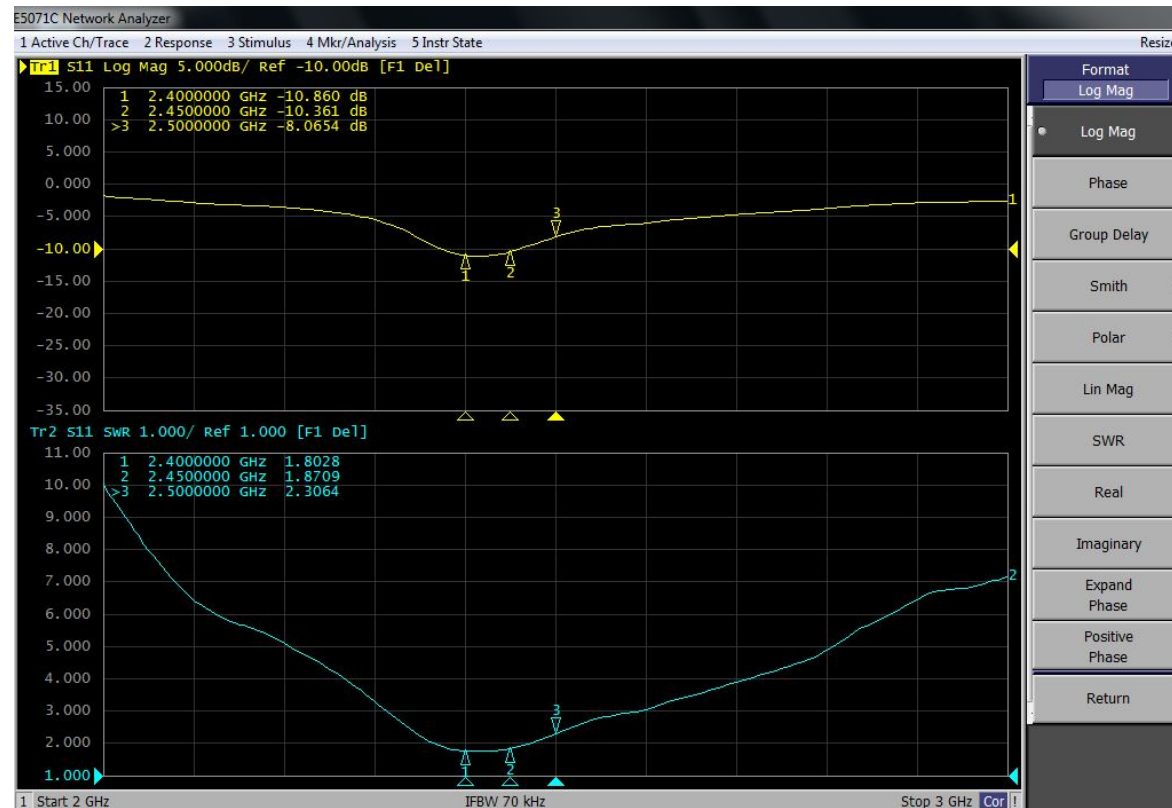
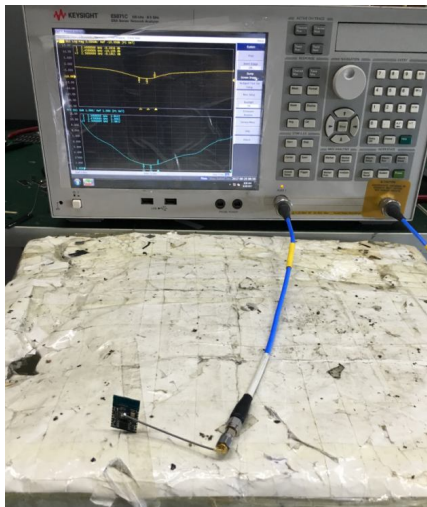
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Measurement data

Return Loss & VSWR-ANT



Frequency (MHz)	2400	2450	2500
Return Loss	-10.860	-10.361	-8.0654
VSWR	1.8028	1.8709	2.3064

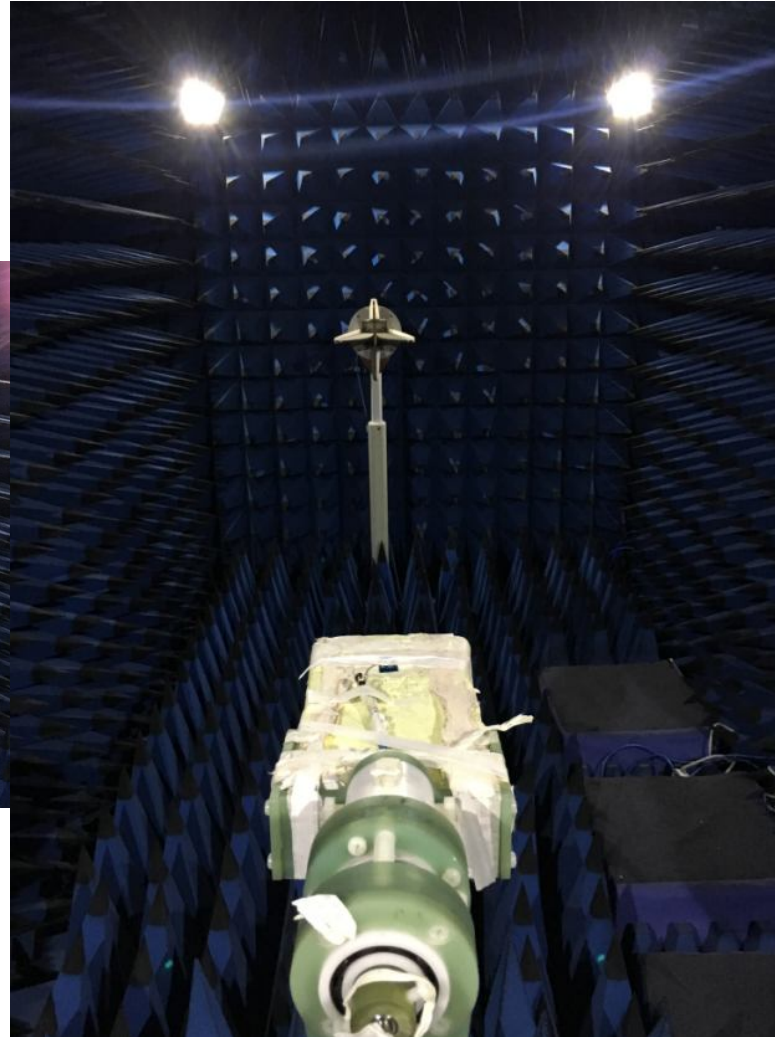
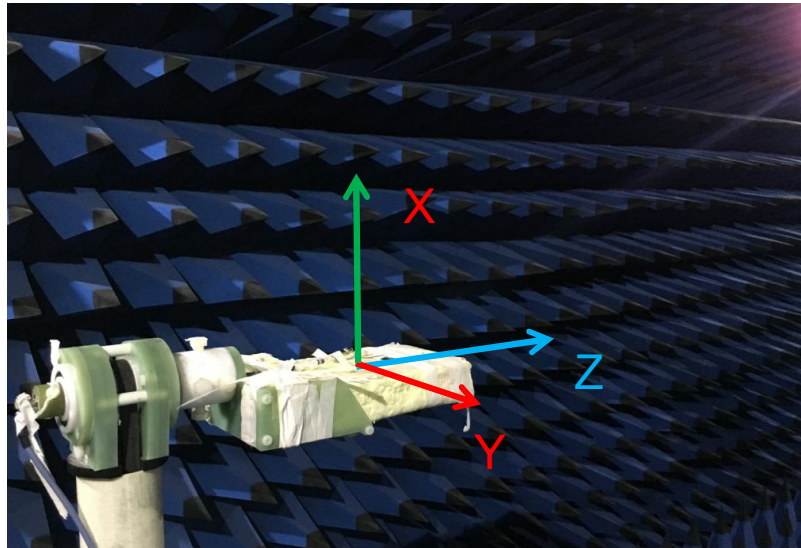
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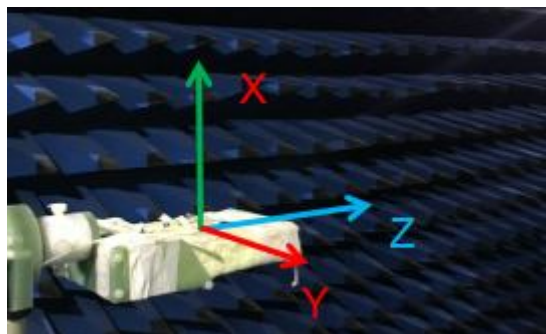
Radiation pattern



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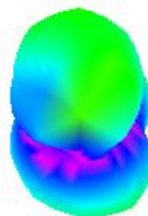
Radiation pattern



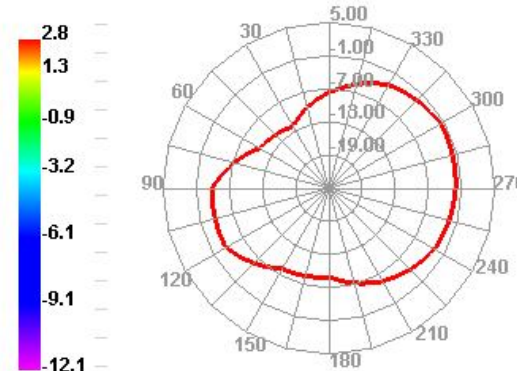
2400 MHz
ANT

H面: XY
E1面: XZ
E2面: YZ

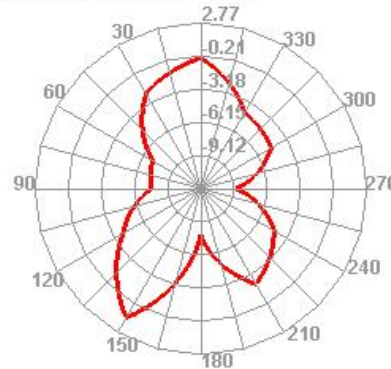
2400.000MHz



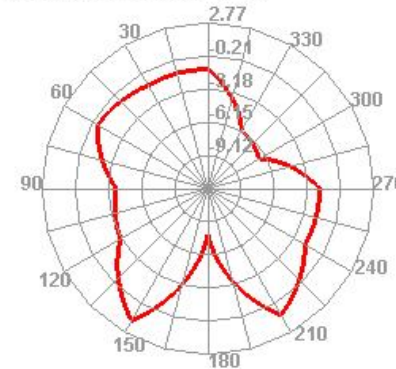
2400.000MHz H



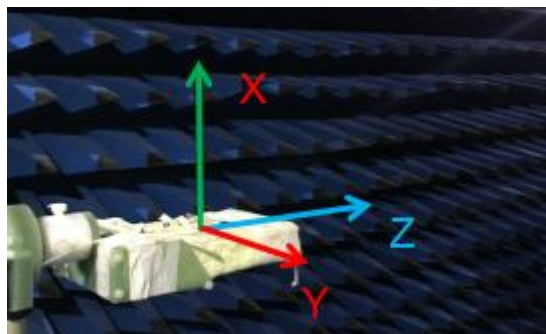
2400.000MHz E1



2400.000MHz E2



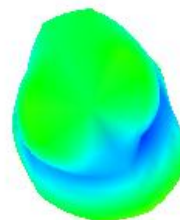
Radiation pattern



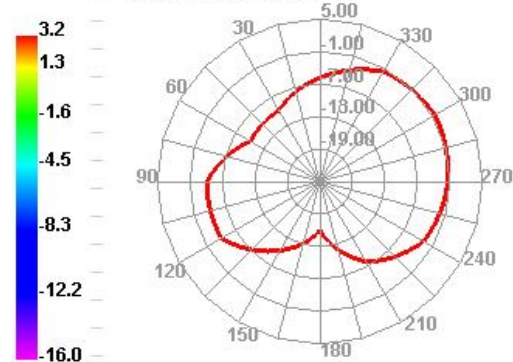
H面: XY
E1面: XZ
E2面: YZ

2450 MHz
ANT

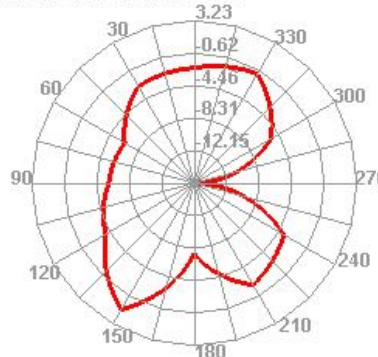
2450.000MHz



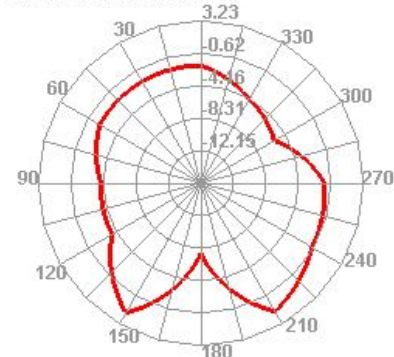
2450.000MHz H



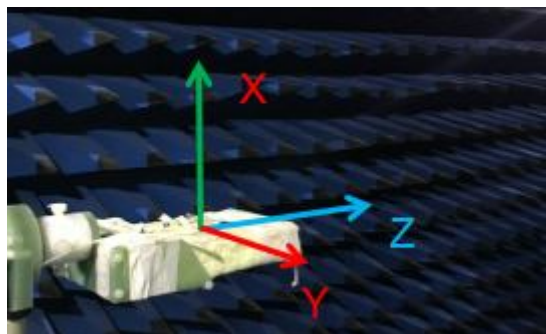
2450.000MHz E1



2450.000MHz E2

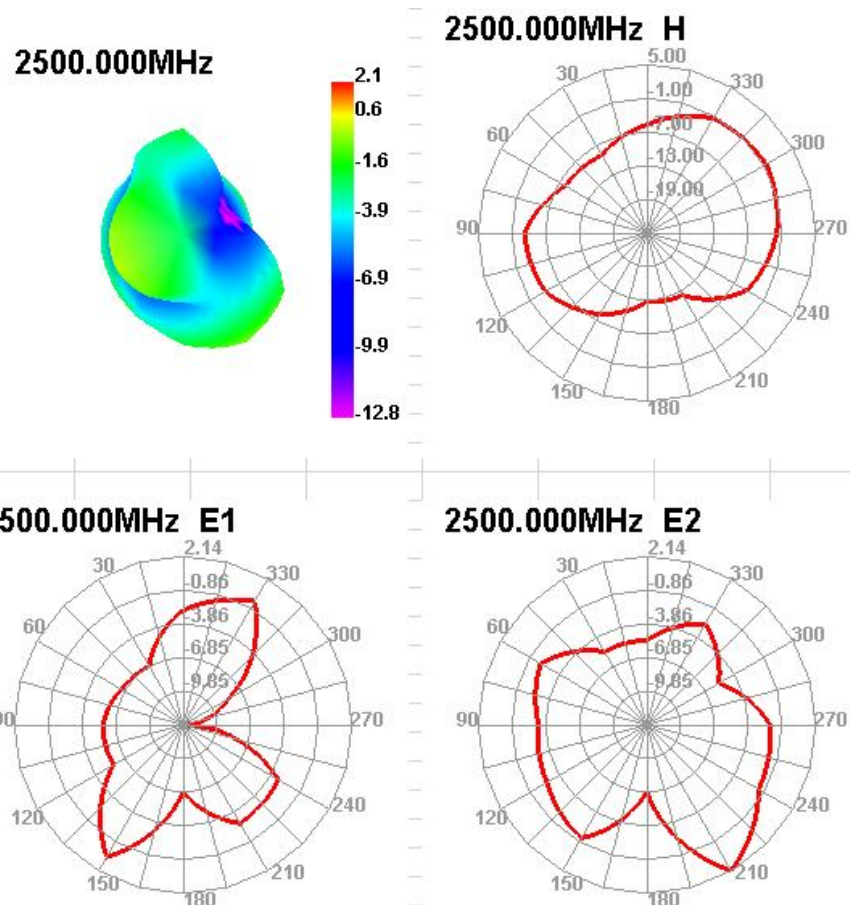


Radiation pattern



H面: XY
E1面: XZ
E2面: YZ

2500 MHz
ANT





Gain table of Antenna

Frequency (MHz)	ANT	
	Efficiency (%)	Peak Gain (dBi)
2400	43.1	2.77
2410	44.98	2.33
2420	43.57	2.17
2430	44.18	2.34
2440	44.55	2.56
2450	45.83	3.23
2460	46.48	2.69
2470	46.31	2.42
2480	45.7	2.03
2490	44.19	2.29
2500	41.61	2.14

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