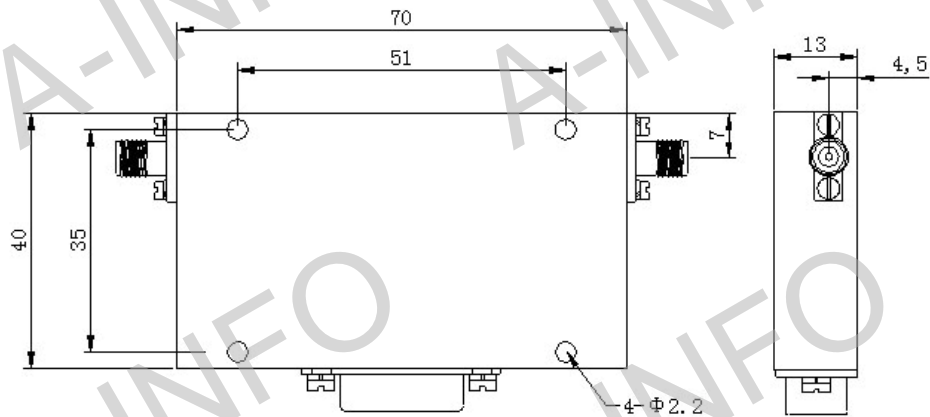
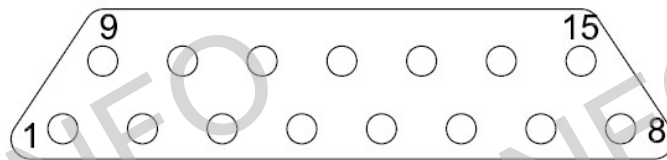


Outline Drawing (Size: mm)



Functions of pin connectors



Pin No.	1	2	3	4	5	6	7	8	9-15
Function	+5V	-5V	GND	T1	T2	T3	T4	T5	N/A

Technical Specification

Item	Technical Specification
Frequency Range(GHz)	8.0 – 8.4
Phase Shift Range(Deg)	0 to 360
Phase Shift Resolution(Deg)	11.2
Phase Accuracy(Deg)	±4 max
VSWR	1.5 max
Input Level Range(dBm)	-70 to -10
Control Logic	5 bits, TTL Compatible
Switching Speed(ms)	1 max
Signal Gain(dB)	10
Input & Output Connectors	SMA-Female
Supply Voltage(V)	±5
Supply & Control Connector	15 Pin Subminiature Connector
Net Weight(Kg)	0.08 Around

Phase Control Truth Table

Phase Control Code (T5-T1)		Phase
Dec	Binary	Deg
0	00000	0
1	00001	11.25
2	00010	22.5
3	00011	33.75
4	00100	45.0
----	----	----
8	01000	90.0
----	----	----
20	10100	-135
----	----	----
31	11111	-11.25

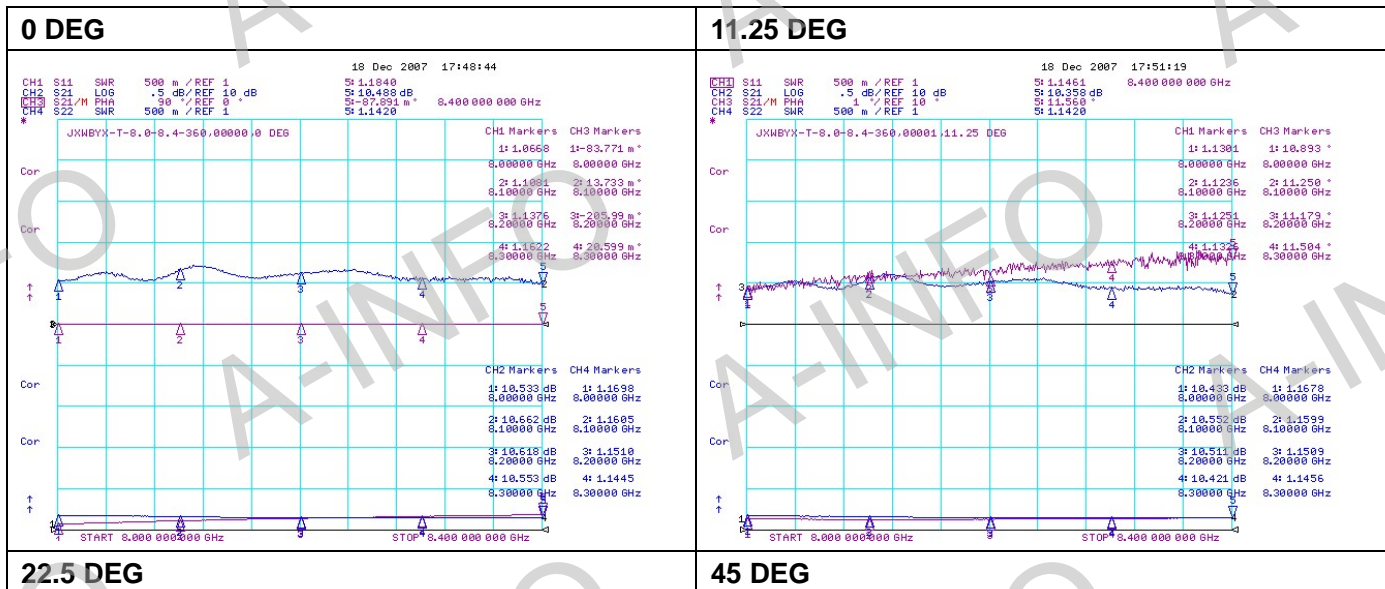
Test Instruments

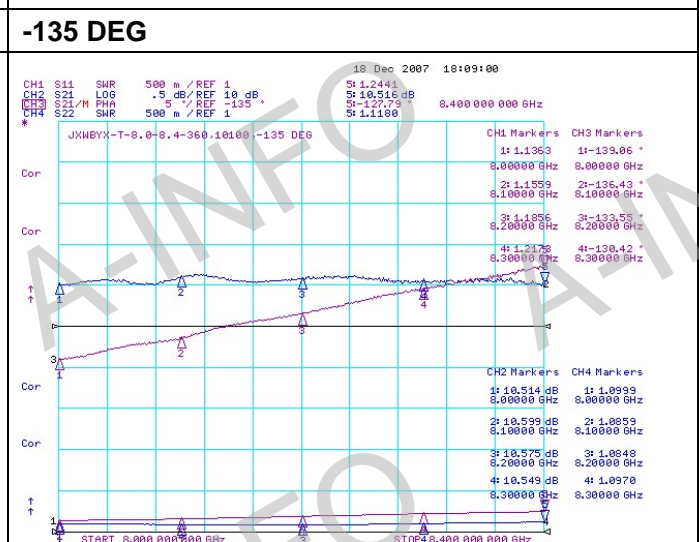
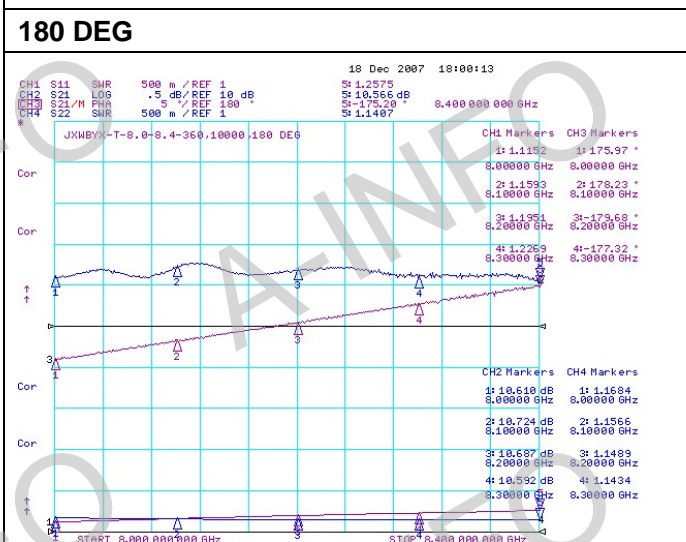
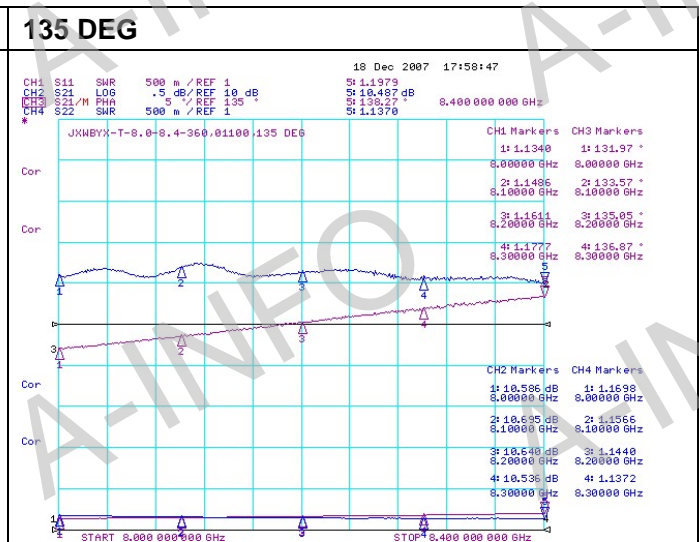
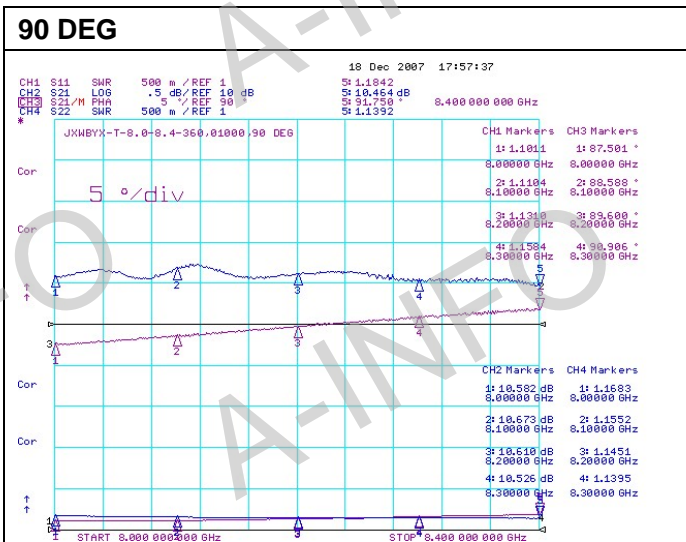
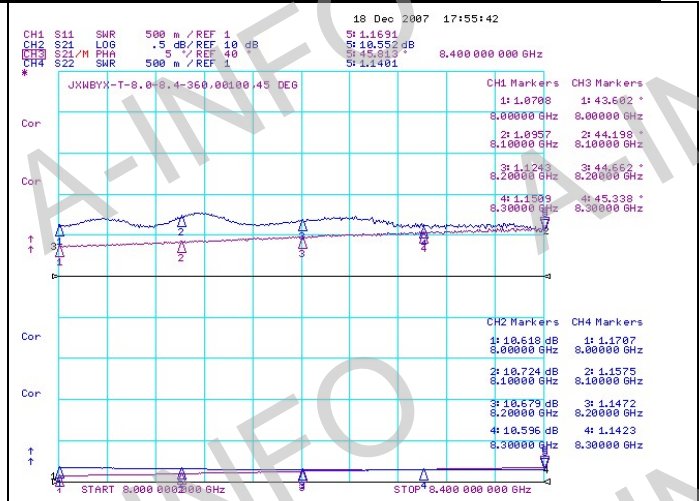
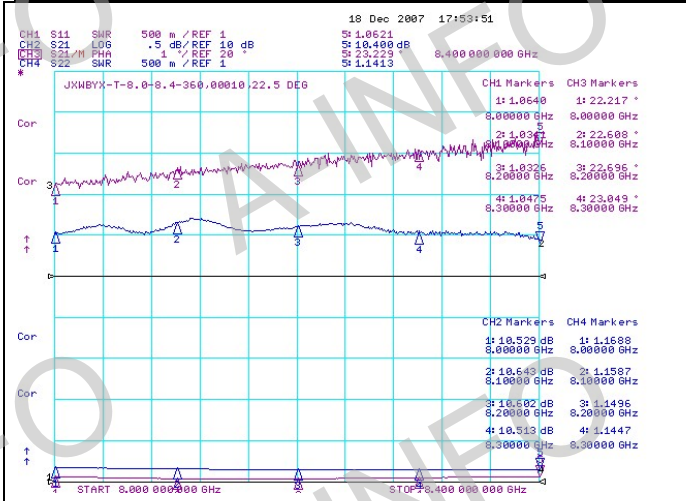
- 8722D

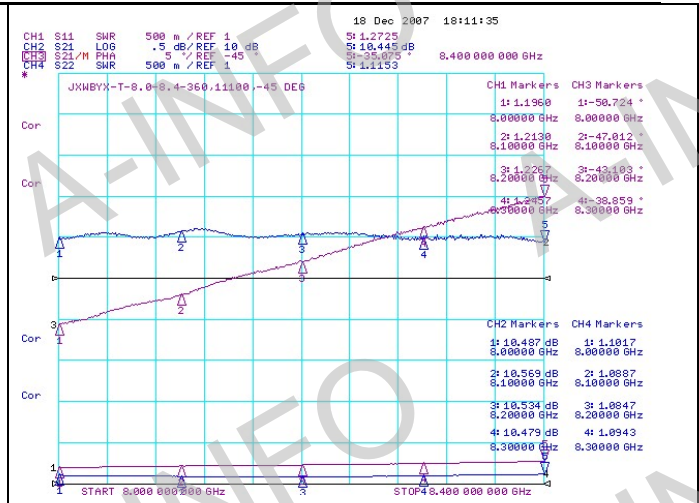
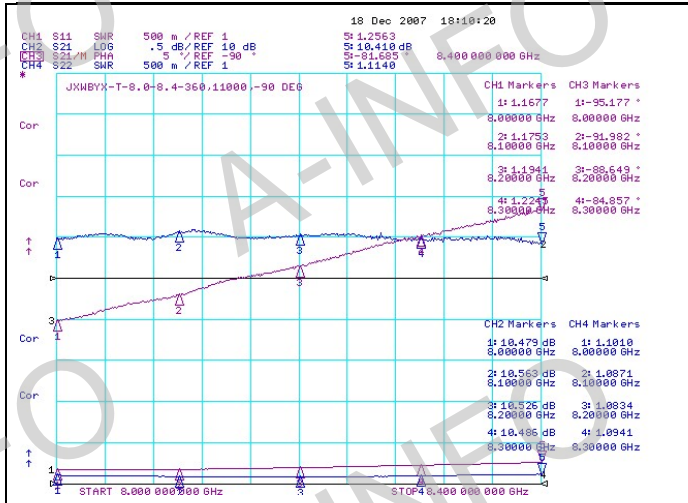
Test Condition

- DC Supply: $\pm 5V$, IF Bandwidth: 3000Hz, Input Power: -10dBm

Test Results







-11.25 DEG

