

AN CHUANG ZHI LIAN Electronics Co., Ltd

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Customer			
customer model	S7PRO		
material code			
product standard	S7PRO_TX-BLE-V1.1, PCB Antenna		
Version	V1.0		
manufacture date	2025.12.03		
Compiled	RF audit	Architecture Review Board	Approval/Seal
Ang Hu	Nang Zhao Ni		
The customer confirms and signs:			

Project basic information description:

Connector	built-in aerial
Antenna material	PCB Antenna
working frequency (MHz)	2400-2500

一、 Antenna testing equipment

1. 1 A physical image of the darkroom



Inside the darkroom

test instrument

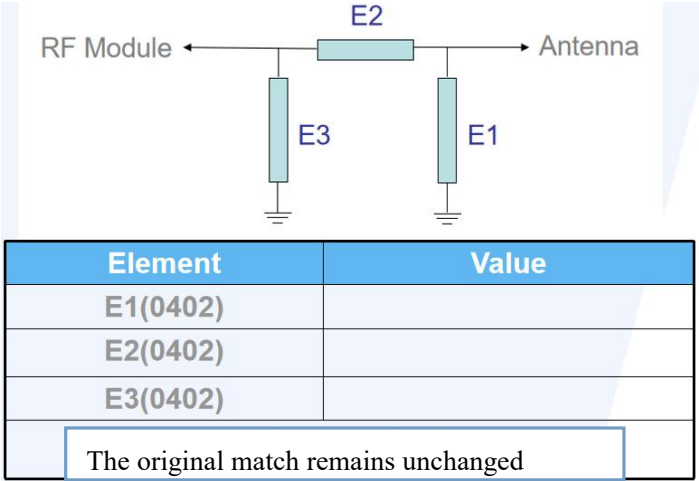
1. 2 testing environment

Test environment	XH-IOE MPS2440 Test System
Temperature	23℃
Humidity	52%
Air pressure	101KPa

二、 product drawing



三、 match circuit



四、test data

Frequency / MHz	Gain/ dBi	Efficiency / %
2400	-5.51	12.08
2410	-5.42	13.77
2420	-5.43	12.53
2430	-5.36	13.09
2440	-5.2	13.84
2450	-4.94	13.43
2460	-5.13	14.32
2470	-4.13	15.6
2480	-4.56	15.78
2490	-4.81	14.59
2500	-4.43	16.67

