

SPECIFICATION

SHEET FOR APPROVAL

(Revision: A0)

	CUSTOMER	Shenzhen Yimi Intelligent Technology Co., Ltd.	
	CS P/N	E7002	
	PART NAME	WIFI2 antenna module	
	FREQUENCY	2400~2500/5150~5850MHz	
	ZTX NO.	2.00002023	
	DATE	2026-03-18	

CUSTOMER			
QA CHECKED	ME CHECKED	RF CHECKED	MANAGER CHECKED

Remark:

Sign:

Shenzhen ZTX Communication Technology Co., Ltd				
MANAGER CHECKED	MANAGER CHECKED	ME CHECKED	RF CHECKED	LISTER
		Shuman.Ma	Pei.Wang	

ZTX 中天迅

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ANTENNA SPECIFICATION

CUS P/N:E7002_WIFI2 antenna module

Application Date:Mar,18, 2026

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Revision history

Edition	Date	state
A0	2026-03-18	First edition

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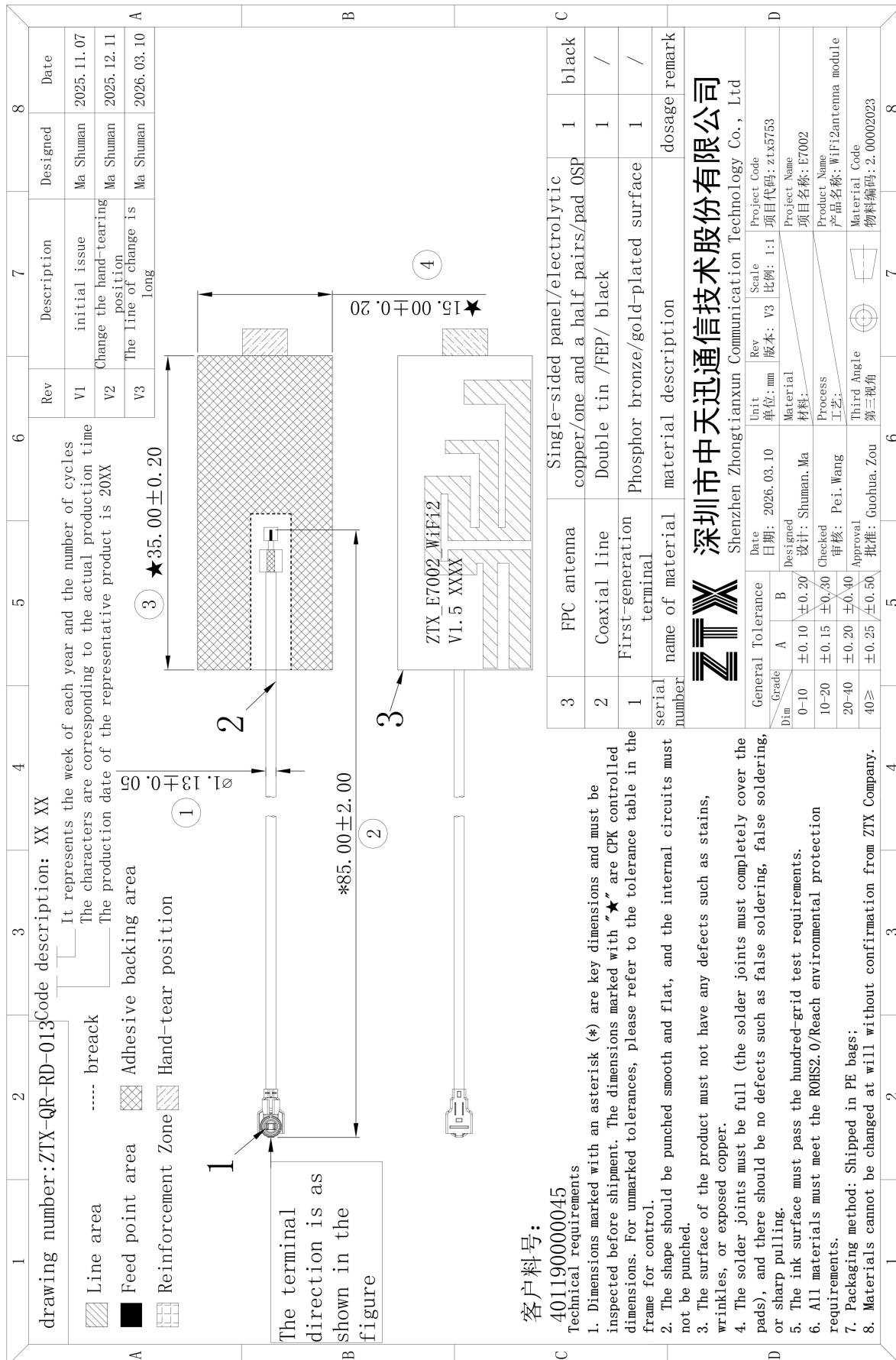
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1-1 Mechanical Configuration(WIFI2 antenna module)



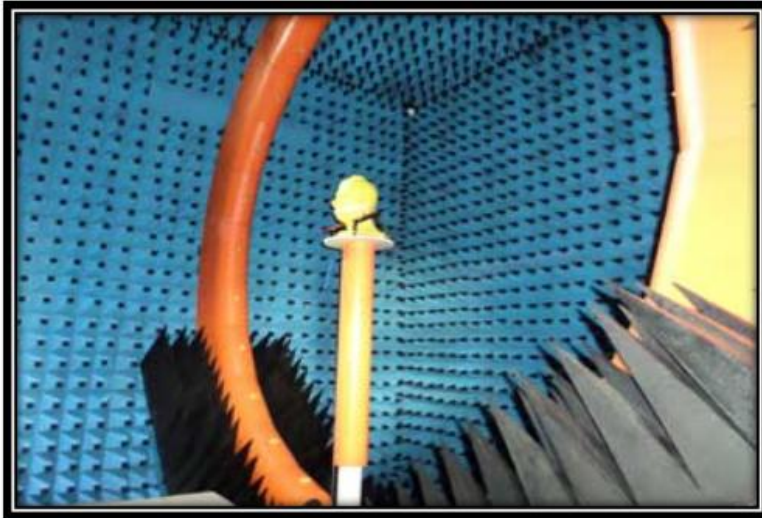
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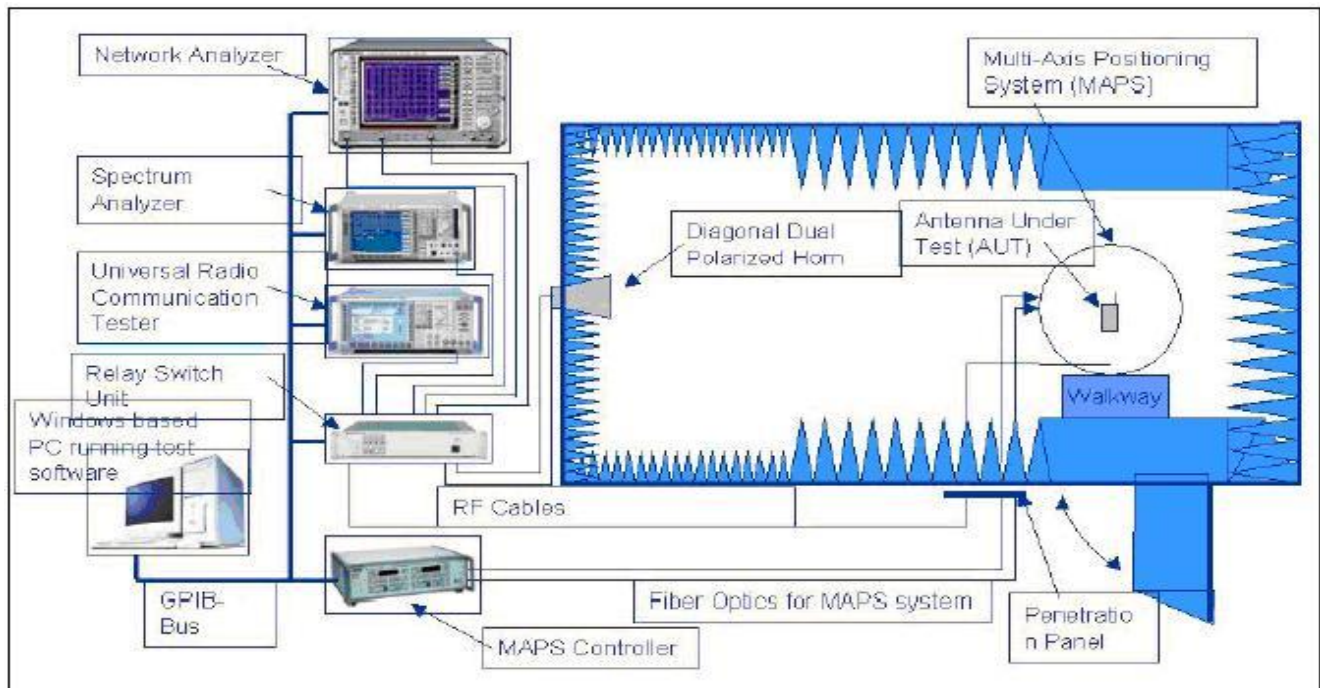
2. Test equipment



Owned 6 microwave dark room, equipped 2 sets world leading France Satimo SG24 OTA certification test systems (one in SHENZHEN, another one in Shanghai), ETS OTA Standard test system, Blue test reverberation test system which is High repeatability, high accuracy and high resolution. It can quickly provide accurate test reports, fully meet the CITA standards.

Testing range:

Support active, passive testing of
GSM/CDMA/WCDMA/TD-
SCDMA/LTE/WIFI/WLAN/WiMax/BT
/GPS/MIMO/UWB within 0.4-6G.



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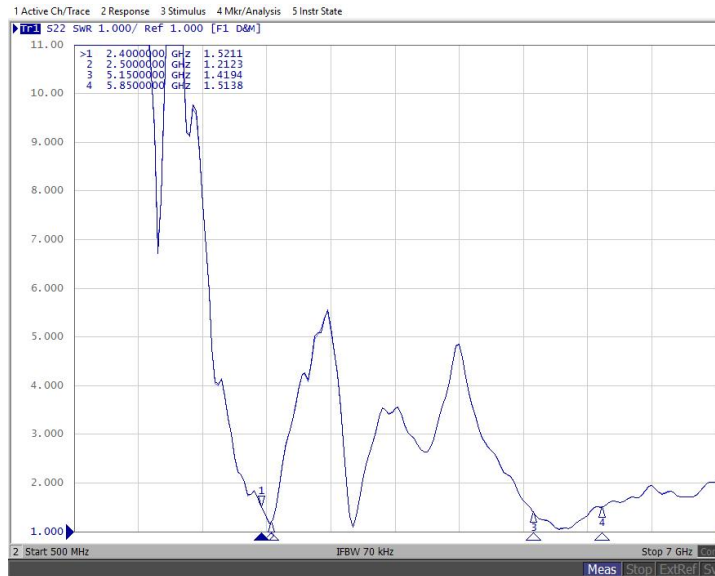
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3.Antenna test data

3-1 VSWR



3-2 Passive Test

Frequency	Efficiency	Gain . dBi
2400MHz	51%	3.49
2410MHz	52%	3.58
2420MHz	54%	3.66
2430MHz	56%	3.73
2440MHz	57%	3.62
2450MHz	56%	3.58
2460MHz	55%	3.34
2470MHz	57%	3.56
2480MHz	57%	3.59
2490MHz	57%	3.50
2500MHz	55%	3.50
5150MHz	58%	3.83
5200MHz	58%	3.75
5250MHz	60%	3.72
5300MHz	62%	3.78
5350MHz	59%	3.42
5400MHz	59%	3.47
5450MHz	59%	3.71
5500MHz	58%	3.61
5550MHz	55%	3.39
5600MHz	55%	3.57
5650MHz	56%	3.84
5700MHz	56%	4.17
5750MHz	55%	4.14
5800MHz	56%	4.31
5850MHz	56%	4.39

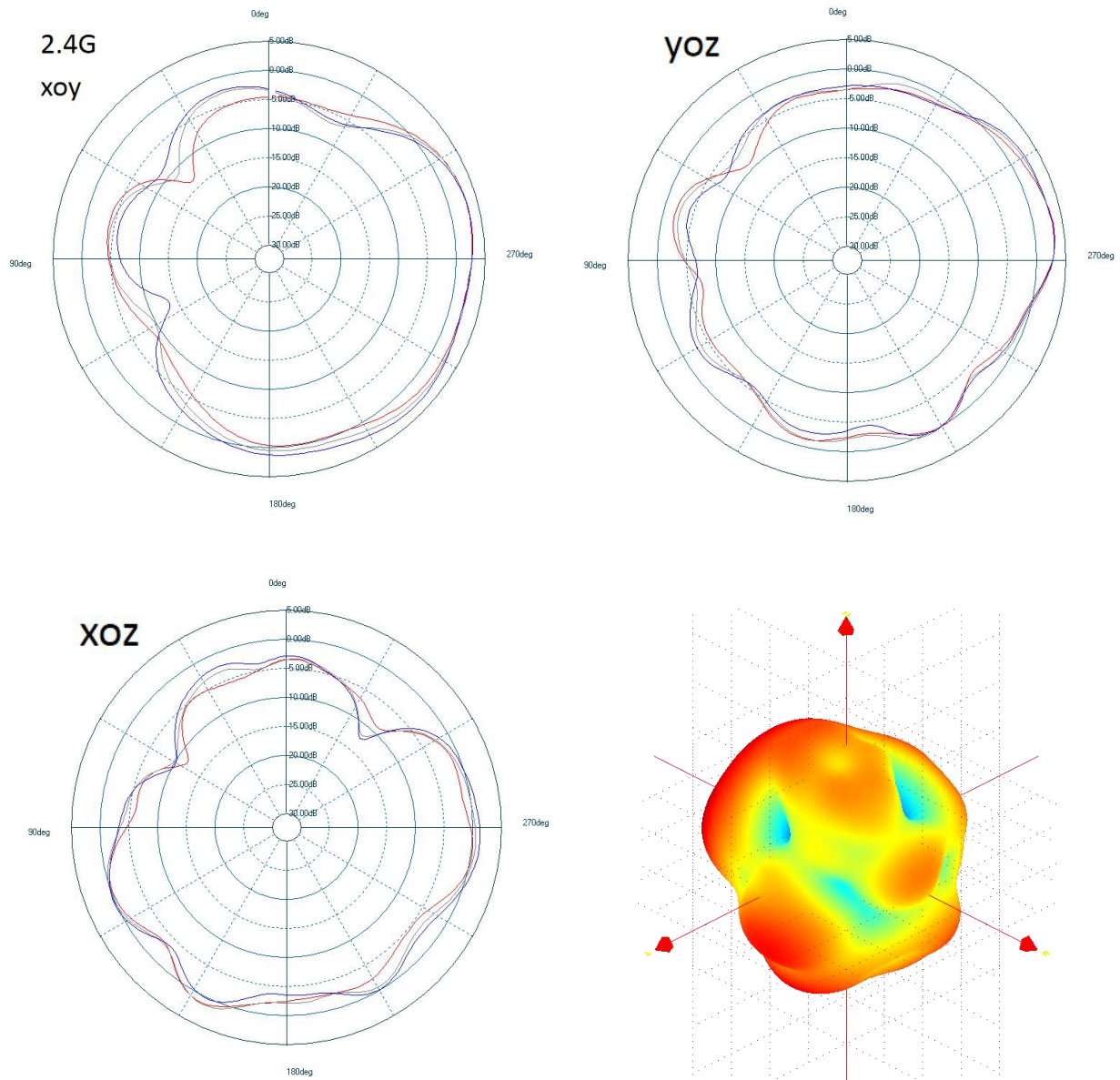
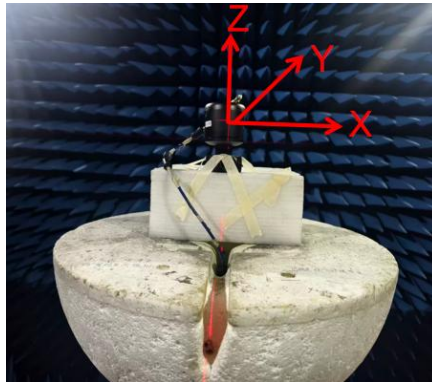
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3-3 2D/3D Radiation Pattern Results

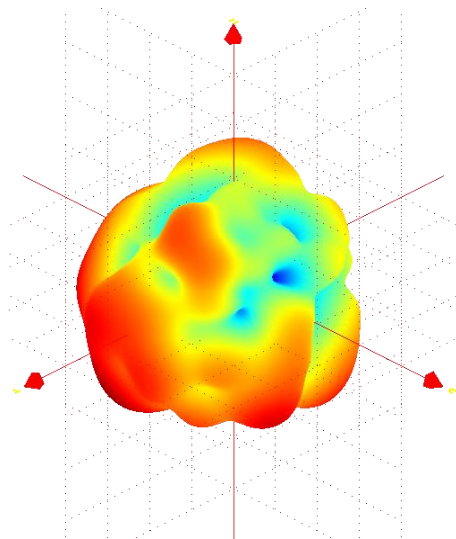
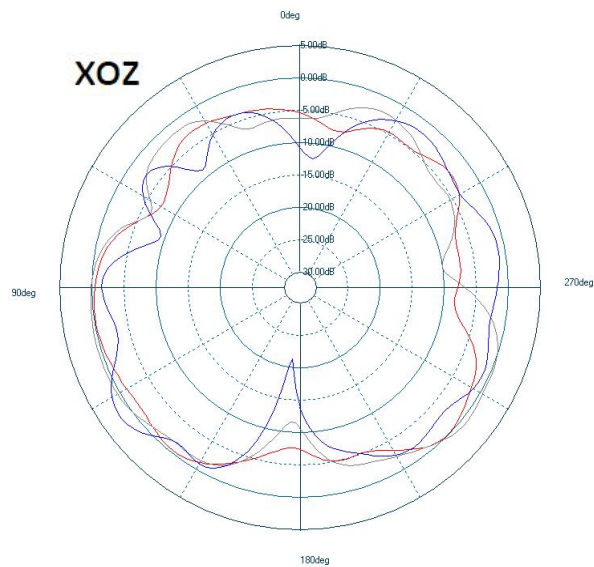
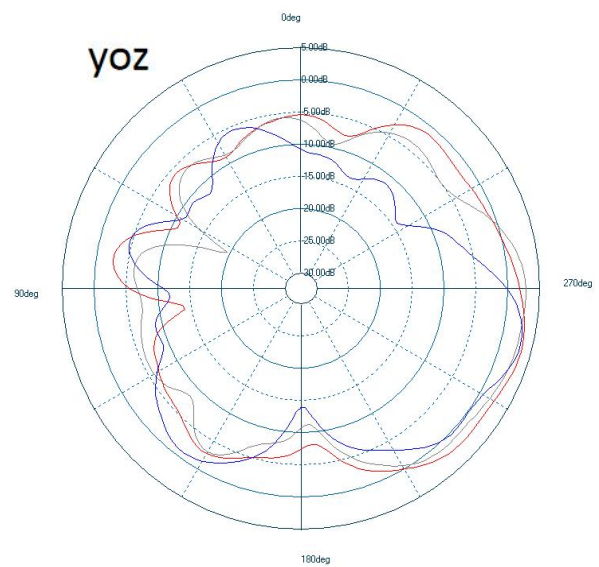
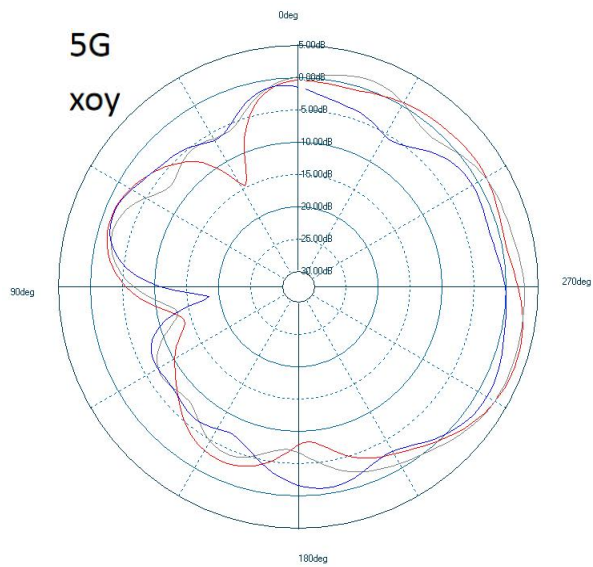


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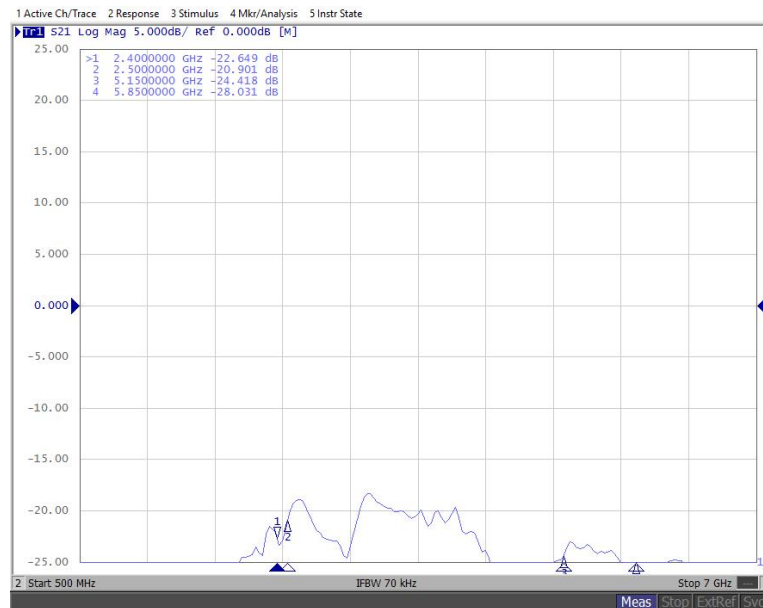
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3-4 Insulation



3-5 Environmental treatment

