

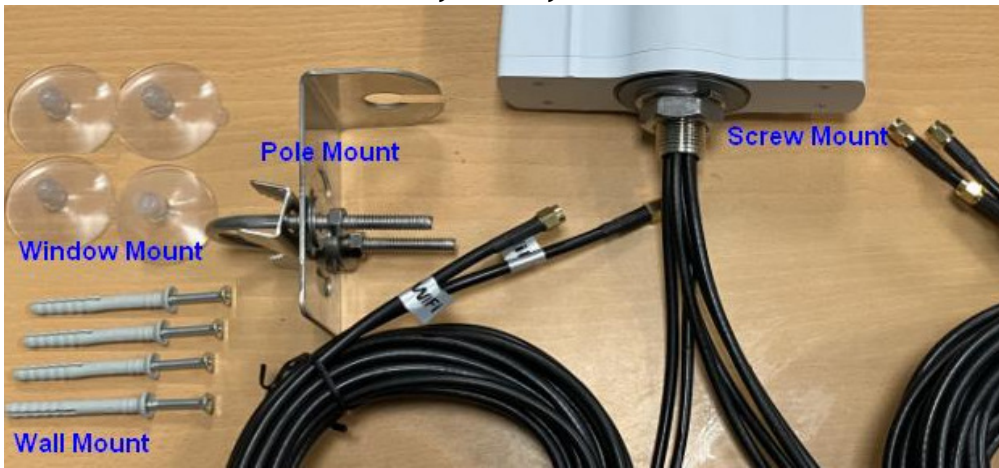
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**4. Antenna Appearance Size: M20x1.5P Slotted Nut & Washer**  
**Length:140mm (5.51")**  
**Width:52.4mm (2.05")**  
**Height : 148mm (5.82")**



**5. Permanent Screw, Wall, Pole and Window mounting**



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## 6.Appearance

01 Top Plastic Shell	PC		1
02 Base Housing	PC		1
03 Rubber Adhesive	Rubber	Gray	1
04 Spring washer (Groove)	Stainless steel		1
05 NUT M20x1.5P (Groove)	Stainless steel		1
06 CFD195 Low Loss Cable	PVC	Black	4
07 SMA(M) ST CFD195	PVC		4
08 Label LTE	PET	Silver	4

**MIMO Omni 4x4 LTE Combo Antenna**  
**CP64(4x4)-V1-4xLTE-CFD195-5M-SMAx4**  
 MIMO Omni 4x4 Permanent Screw,Wall,Pole,Window mounting Outdoor Combo Antenna

IP67 Waterproof

CUSTOMER'S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
				M/M			1
TOLERANCE	X, XX±0.15	NAME	PARTS NUMBER	PPROVED	CHECKED	DRAWING	DESIGNED
SURFACE ROUGHNESS	S ▽▽	APPEARANCE	Jack			Jimmy	Jimmy

Third angle projection  
**PROFESSOR**  
 普傑國際股份有限公司



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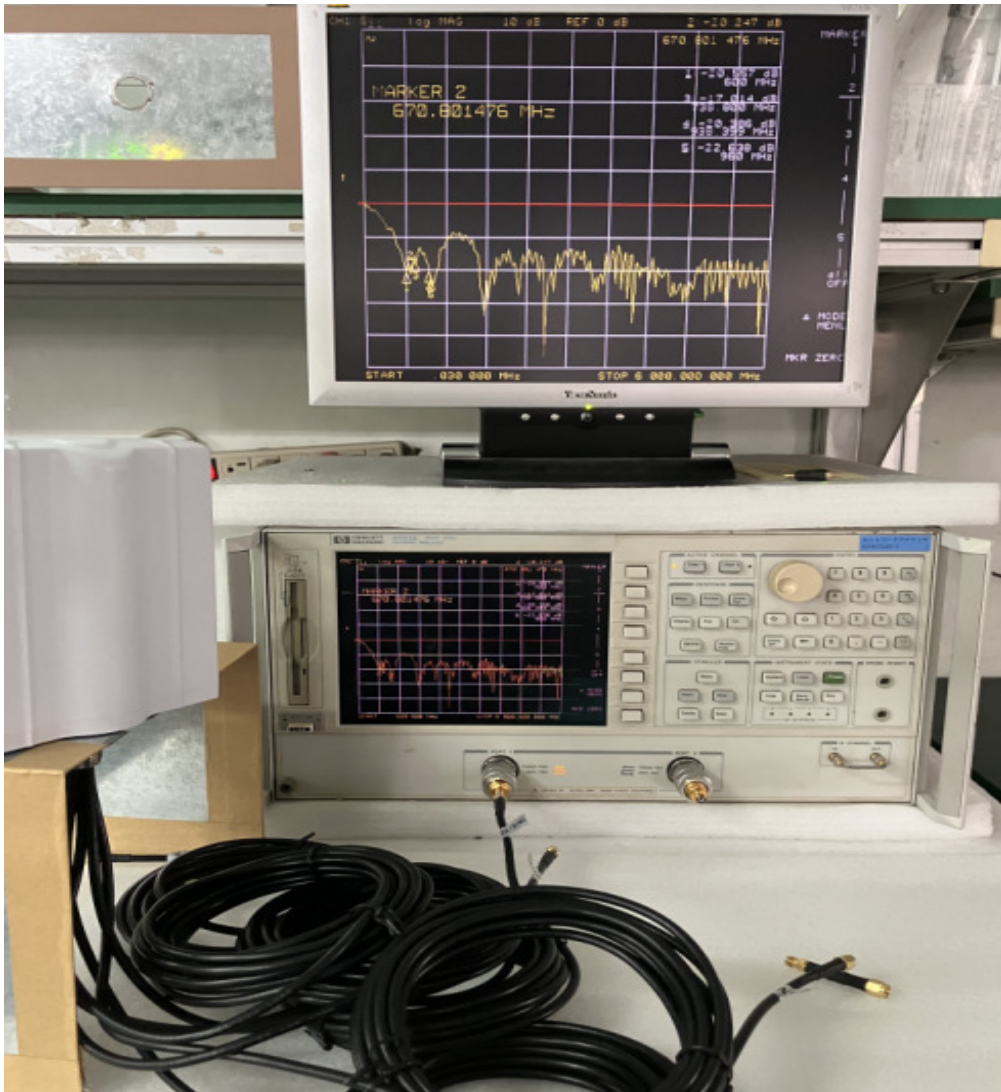
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## **7. 5G/LTE/4G/3G/GSM Multi-band Network analyzer test HP8753E (16-Jun-2022)**

**Frequency :600~960/1710~2170/2500~2700/3200~3800MHz**

**7-1 Detail band test - frequency : 600~960MHz**

<b>Frequency</b>	<b>Return loss</b>	<b>V.S.W.R</b>	<b>Reflection coefficient</b>
<b>600.000MHz</b>	<b>-20.577dB</b>	<b>1.206:1</b>	<b>0.094</b>
<b>670.801MHz</b>	<b>-20.247dB</b>	<b>1.215:1</b>	<b>0.097</b>
<b>738.800MHz</b>	<b>-17.014dB</b>	<b>1.328:1</b>	<b>0.141</b>
<b>938.399MHz</b>	<b>-20.386dB</b>	<b>1.212:1</b>	<b>0.096</b>
<b>960.000MHz</b>	<b>-22.638dB</b>	<b>1.159:1</b>	<b>0.074</b>

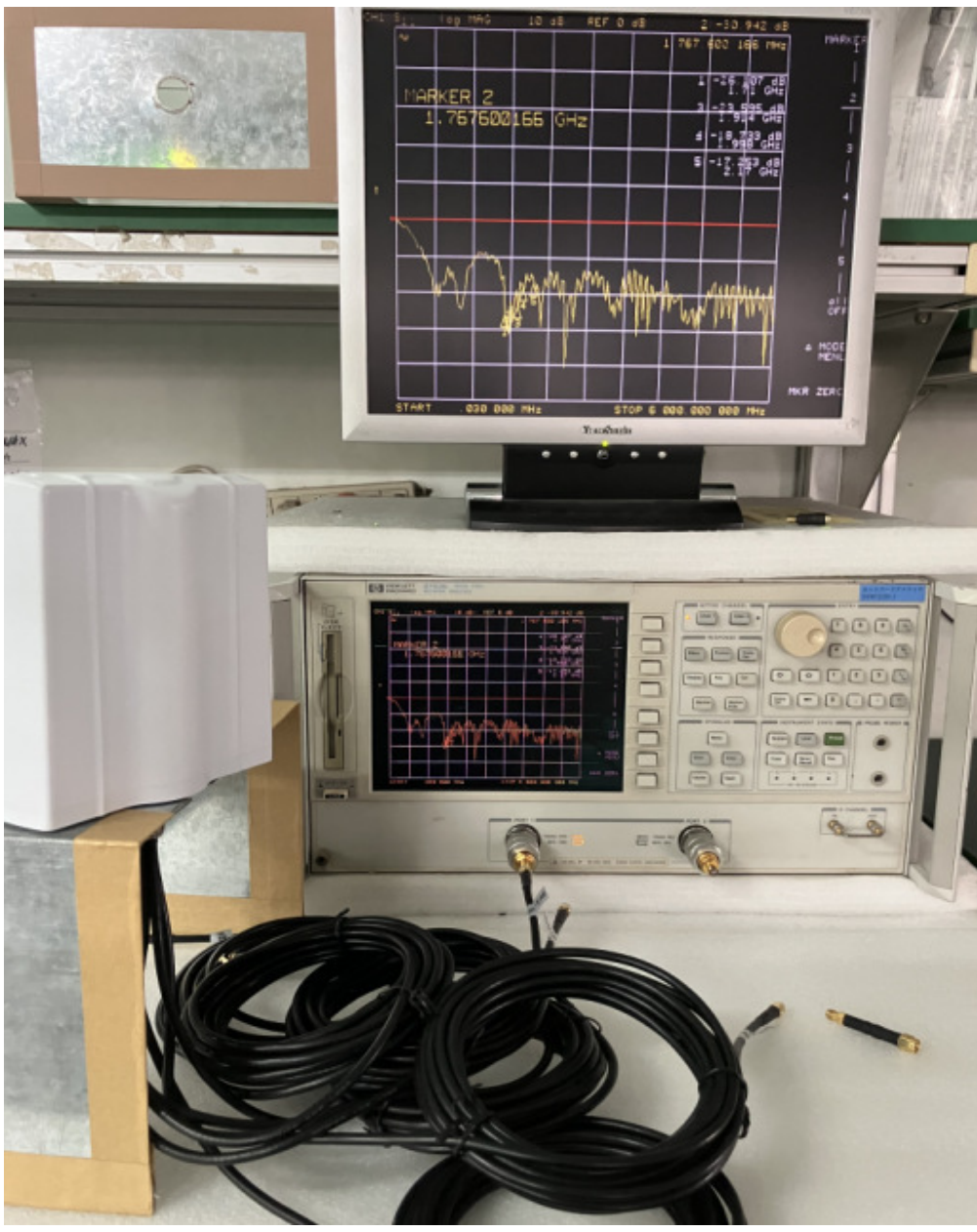


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## **7-2 Detail band test - frequency : 1710~2170MHz**

<b>Frequency</b>	<b>Return loss</b>	<b>V.S.W.R</b>	<b>Reflection coefficient</b>
1710.00MHz	-26.107dB	1.104:1	0.050
1767.60MHz	-30.942dB	1.058:1	0.028
1914.00MHz	-23.595dB	1.142:1	0.066
1998.00MHz	-18.733dB	1.262:1	0.116
2170.00MHz	-17.253dB	1.318:1	0.137

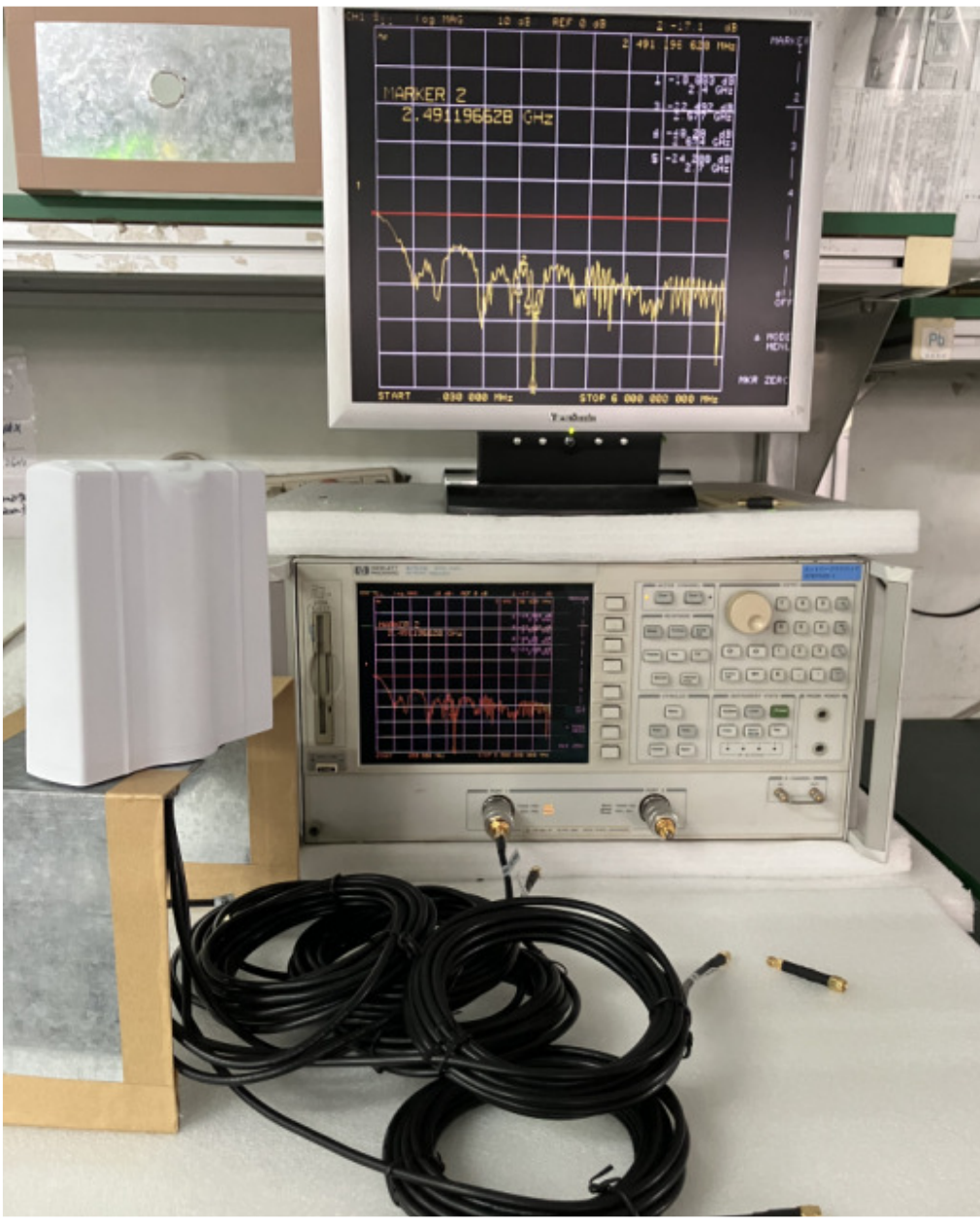


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## **7-3 Detail band test - frequency : 240-2700Mhz**

<b>Frequency</b>	<b>Return loss</b>	<b>V.S.W.R</b>	<b>Reflection coefficient</b>
<b>2400.00MHz</b>	<b>-18.883dB</b>	<b>1.257:1</b>	<b>0.114</b>
<b>2491.19MHz</b>	<b>-17.100dB</b>	<b>1.325:1</b>	<b>0.140</b>
<b>2577.00MHz</b>	<b>-22.492dB</b>	<b>1.162:1</b>	<b>0.075</b>
<b>2674.00MHz</b>	<b>-48.280dB</b>	<b>1.008:1</b>	<b>0.004</b>
<b>2700.00MHz</b>	<b>-24.288dB</b>	<b>1.130:1</b>	<b>0.061</b>

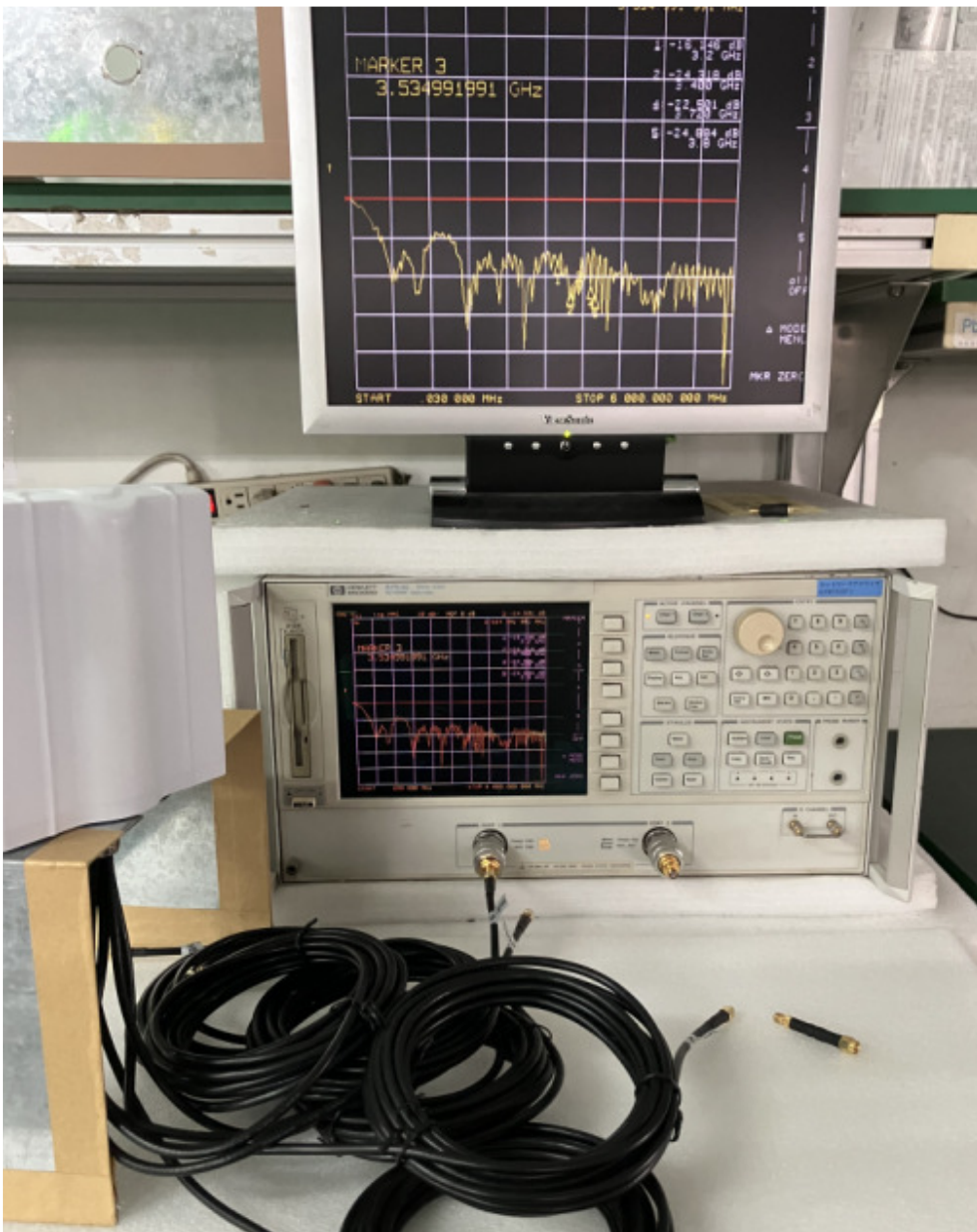


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## **7-4 Detail band test - frequency : 3200-3800Mhz**

<b>Frequency</b>	<b>Return loss</b>	<b>V.S.W.R</b>	<b>Reflection coefficient</b>
<b>3200.00MHz</b>	<b>-16.146dB</b>	<b>1.369:1</b>	<b>0.156</b>
<b>3400.00MHz</b>	<b>-24.318dB</b>	<b>1.130:1</b>	<b>0.061</b>
<b>3534.99MHz</b>	<b>-21.274dB</b>	<b>1.189:1</b>	<b>0.086</b>
<b>3720.00MHz</b>	<b>-22.501dB</b>	<b>1.162:1</b>	<b>0.075</b>
<b>3800.00MHz</b>	<b>-24.884dB</b>	<b>1.121:1</b>	<b>0.057</b>



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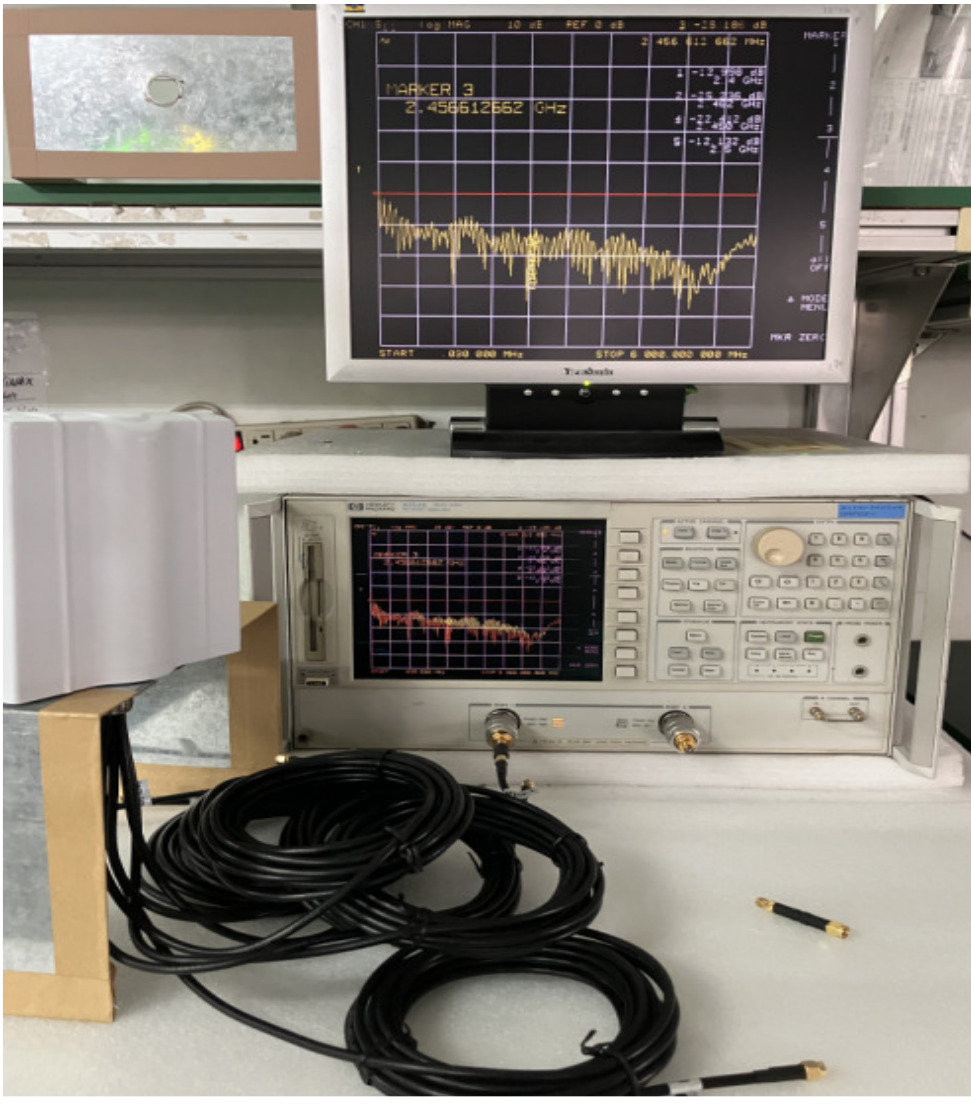
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## **8. WiFi/WLAN Multi-band Network analyzer test HP8753E (16-Jun-2022)**

**Frequency :2.4~2.5/5.0~5.2/5.7~6.0GHz**

**7-1 Detail band test - frequency : 2400~2500MHz**

<b>Frequency</b>	<b>Return loss</b>	<b>V.S.W.R</b>	<b>Reflection coefficient</b>
<b>2400.00MHz</b>	<b>-12.998dB</b>	<b>1.577:1</b>	<b>0.224</b>
<b>2432.00MHz</b>	<b>-25.236dB</b>	<b>1.116:1</b>	<b>0.055</b>
<b>2456.61MHz</b>	<b>-25.186dB</b>	<b>1.116:1</b>	<b>0.055</b>
<b>2480.00MHz</b>	<b>-22.412dB</b>	<b>1.164:1</b>	<b>0.076</b>
<b>2500.00MHz</b>	<b>-12.132dB</b>	<b>1.657:1</b>	<b>0.247</b>



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**7-2 Detail band test - frequency:5000~5200/5700~6000MHz**

<b>Frequency</b>	<b>Return loss</b>	<b>V.S.W.R</b>	<b>Reflection coefficient</b>
<b>5000.00MHz</b>	<b>-26.436dB</b>	<b>1.100:1</b>	<b>0.048</b>
<b>5100.00MHz</b>	<b>-22.738dB</b>	<b>1.157:1</b>	<b>0.073</b>
<b>5200.00MHz</b>	<b>-19.209dB</b>	<b>1.246:1</b>	<b>0.110</b>
<b>5700.00MHz</b>	<b>-36.996dB</b>	<b>1.029:1</b>	<b>0.014</b>
<b>5800.00MHz</b>	<b>-23.727dB</b>	<b>1.139:1</b>	<b>0.065</b>

