



**Well Green Technology Co., Ltd**

**No. 20, Alley51 ,Lane 118,ShuangLian Sec.2,Mintzu Rd.,  
PingJen City, TaoYuan Hsien, Taiwan, R.O.C  
TEL: (03)420-6428 FAX: (03) 420-6418**

# **LITE-ON TECHNOLOGY CORP.**

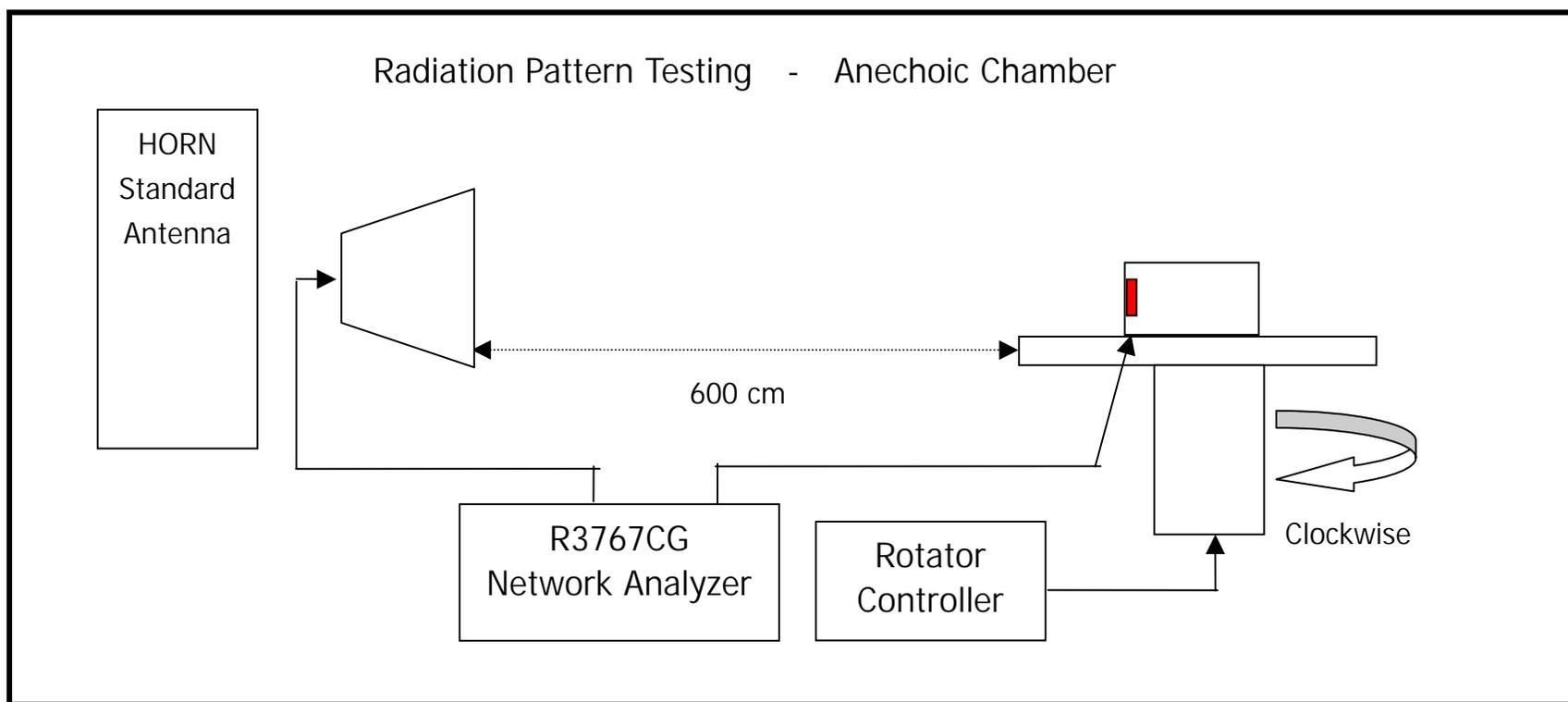
## **Test Report**

<b>RD Manager</b>	<b>Supervisor</b>	<b>RD engineer</b>	<b>Sales engineer</b>
<b>David</b>	<b>Johnson</b>	<b>Tim</b>	<b>Johnson</b>



Antenna Testing Conditions:

1. Testing set up:





Test results

Antenna	Application	Cable dia. Φ mm
MP3	Wireless	1.13

1.VSWR

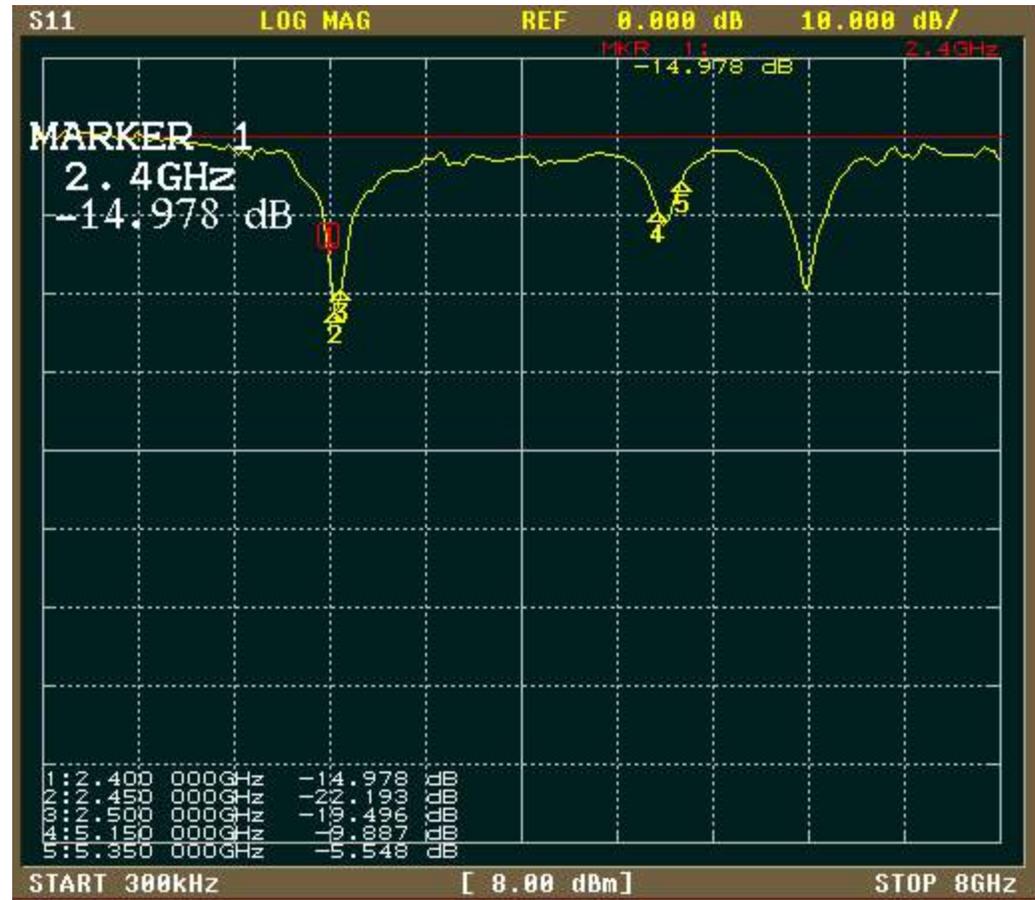
Antenna	Center freg. @MHz	BW @MHz	VSWR		
			2.4GHz	2.45GHz	2.5GHz
MP3	2450		1.43	1.17	1.25





2. Return Loss

Antenna	Center freg. @MHz	BW @MHz	Return Loss		
			2.4GHz	2.45GHz	2.5GHz
MP3	2450		-14.97	-22.19	-19.49





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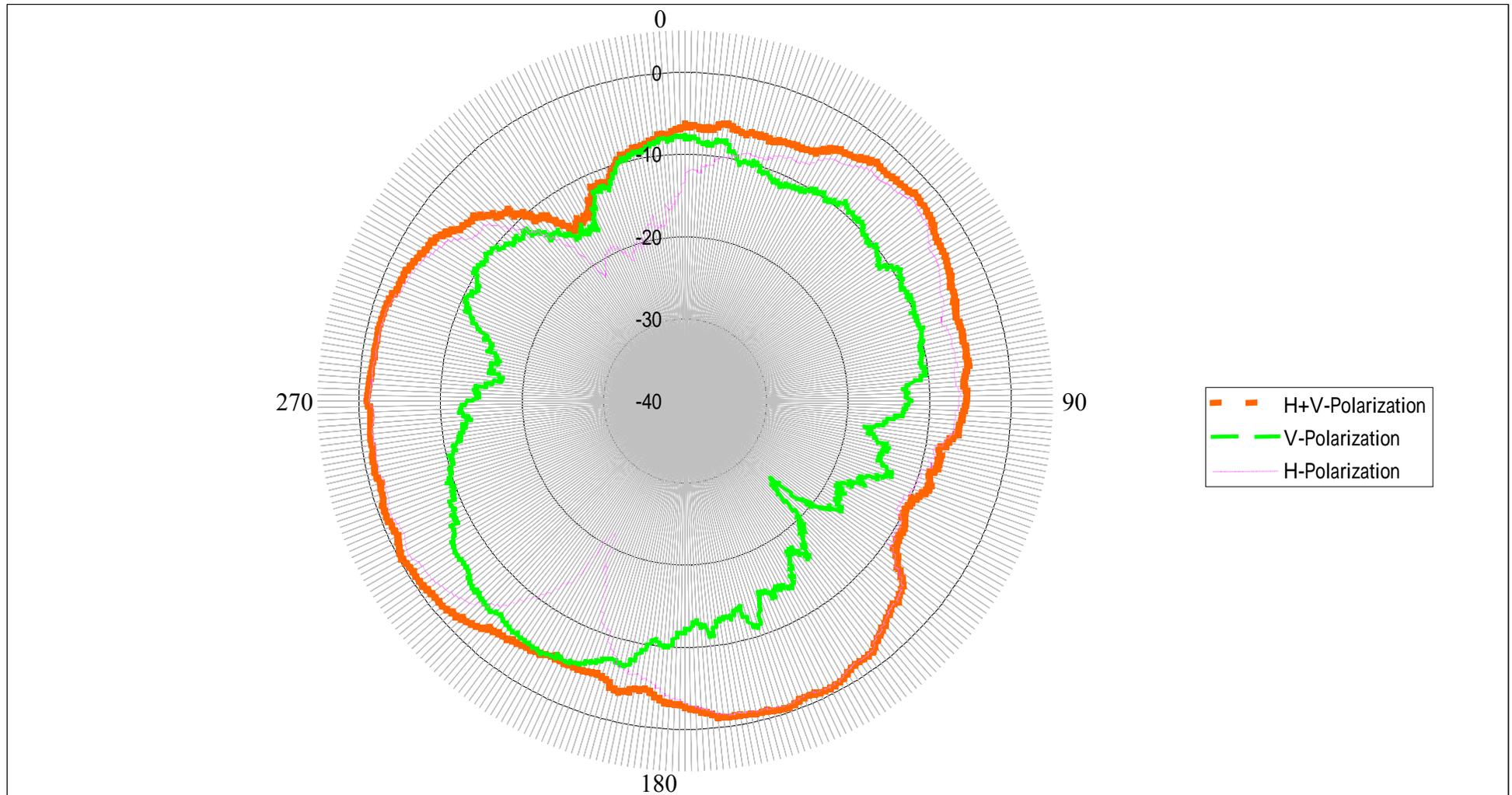
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### 3. Smith Chart





4. Radiation Pattern of XY Plane(Azimuth)-2.45GHz





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### 5. Peak Gain and Average Gain

Antenna	Gain of XY Plane (Azimuth)		
	Frequency	2.45GHz	
MP3	V	Peak	-4.52
		Average	-10.07
	H	Peak	-0.87
		Average	-4.81
	H+V	Peak	-0.24
		Average	-3.68