

# Certificate Green Partner

SKD 7167

Presented To:

ヒロセ電機株式会社  
郡山ヒロセ電機株式会社

This is to certify that you have successfully established  
an environmental management system  
that has met the requirements of the Sony Green Partner Program

Term of Validity: 2005/8/1 ~ 2007/7/31

Issued on: 2005/07/31

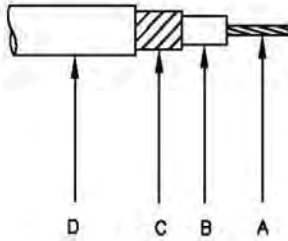
Approved and Issued by: Procurement Global Head Office,  
Sony Corporation



Toshiyuki Kikuchi  
Senior General Manager, Procurement Center, Sony Corporation

SONY



**Scope:**

This specification presents a FEP jacketed COAXIAL cable AWG30, 1.37 mm O.D. for internal wiring of electronic equipment, such as Computer/Notebook with wireless communication systems.

**Construction:**

- A) Inner Conductor:  
Silver Plated Copper  
OD 0.304mm
- B) Dielectric:  
Extruded PTEE  
OD 0.89
- C) Outer Conductor:  
Silver Plated Copper  
OD 1.11mm
- D) Outer Jacket:  
Extruded FEP  
OD 1.37±0.1mm

**Electricals:**

Impedance: 50 ± 2 Ohms  
Inner Conductor Resistance @20°C: 349 nom. Ω/km  
Capacitance: 96.5 pF/m nom

**Attenuation:**

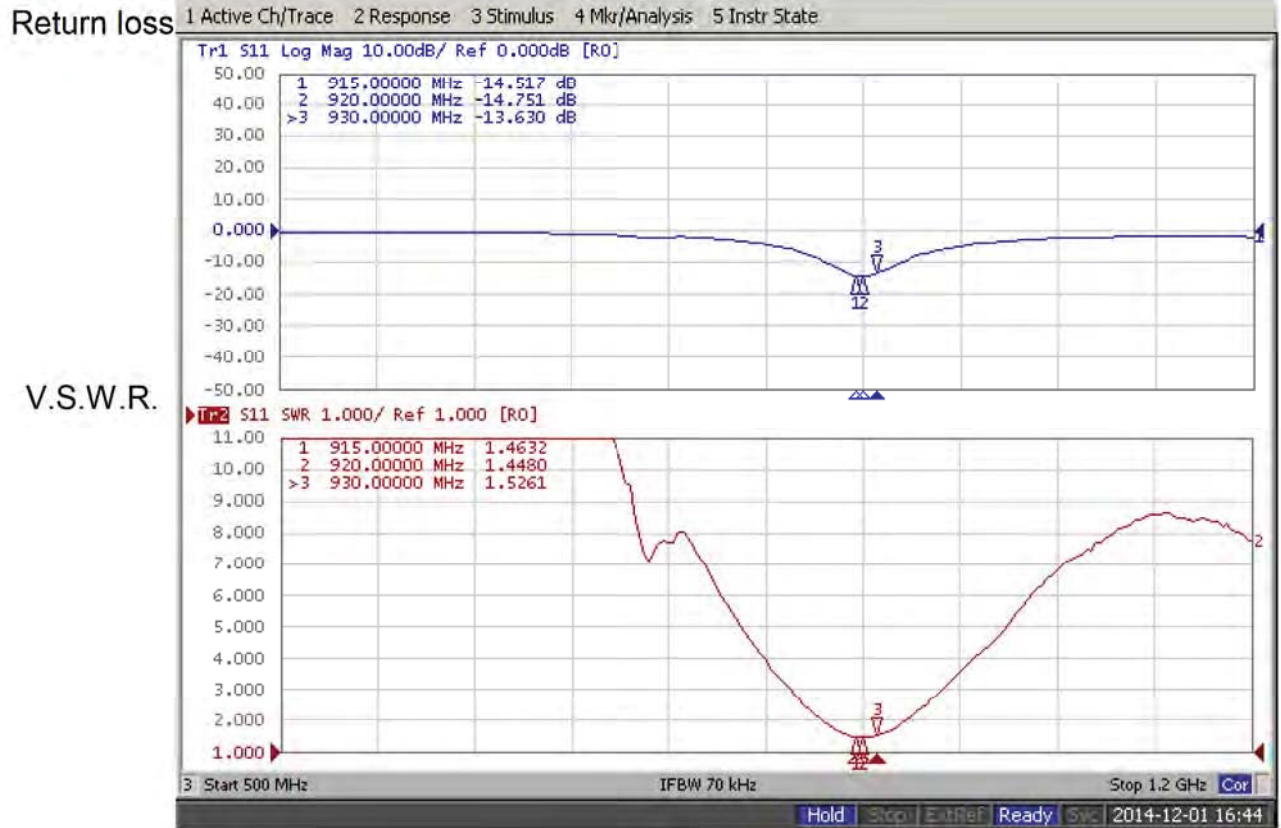
100MHz	44.78 dB/100m
400MHz	91.83 dB/100m
800MHz	129.33 dB/100m
1GHz	147.33 dB/100m
2GHz	210.04 dB/100m
3GHz	263.41 dB/100m
4GHz	315.53 dB/100m
5GHz	359.44 dB/100m
6GHz	389.42 dB/100m

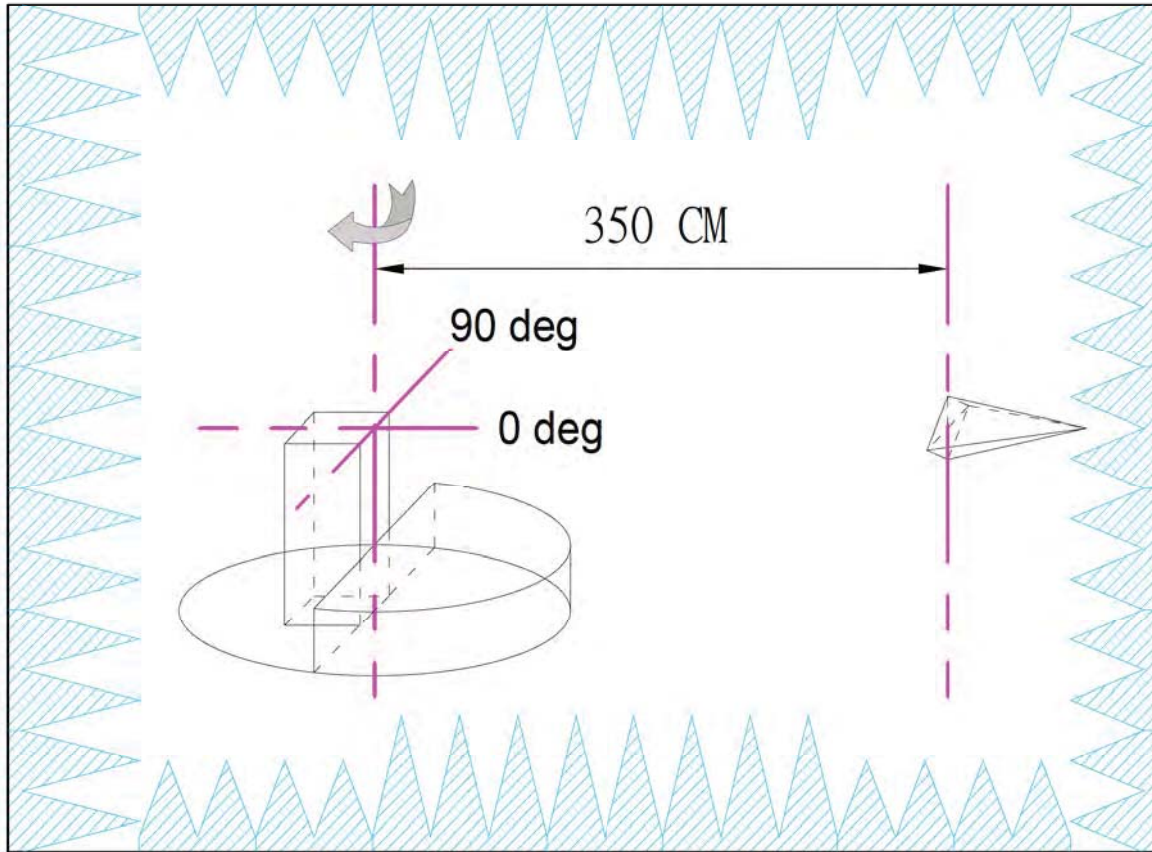
## 2. Test Report

Model NO. MEGWF-241XULAX-920

### 2.1 Electrical test

Return loss/V.S.W.R



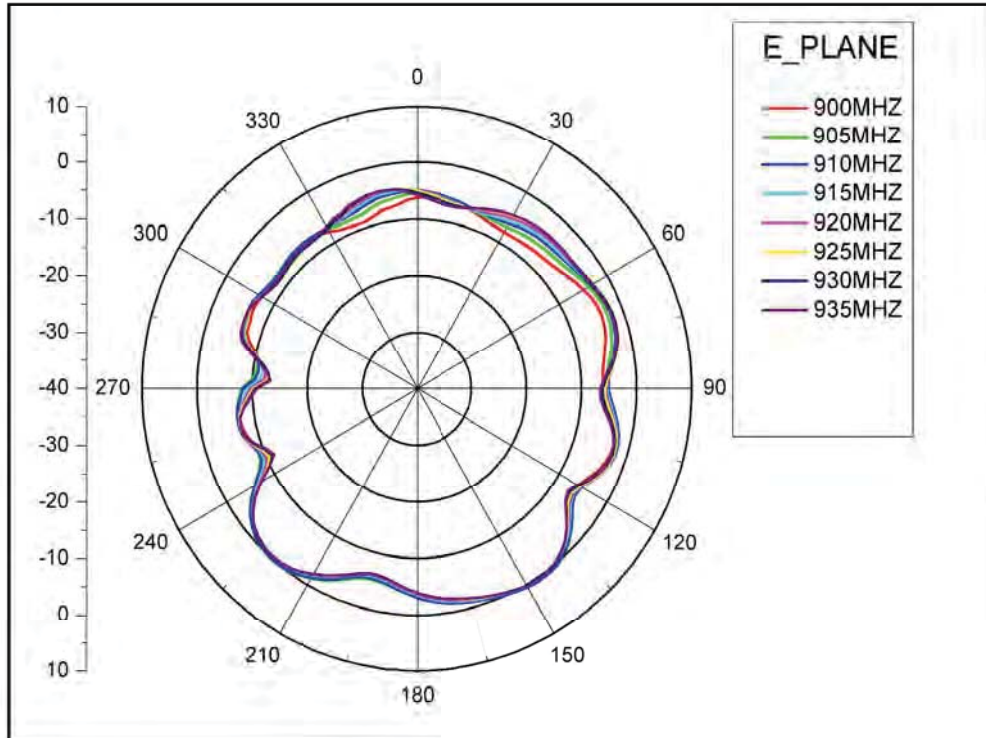


**Test Equipment**

- Anechoic chamber: 100MHz~6GHz 8\*6\*6m (※ 1m Quiet zone at 80)
- Soure Antenna: ETS-3164 Dual Polarized
- Network Analyzer: Agilent E5071B 100kHz~8



E-plane



H-plane

