



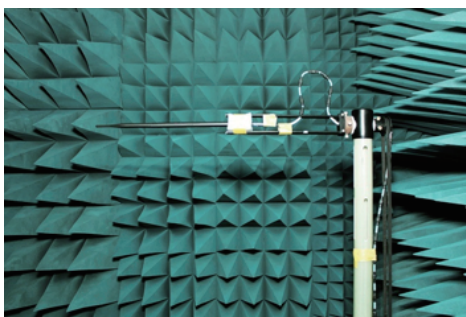
Wireless links and creates your new life.



3D Antenna Testing LAB - (CTIA) OTA-800 全波天線實驗室



■ 實驗室外觀 (LAB Appearance)



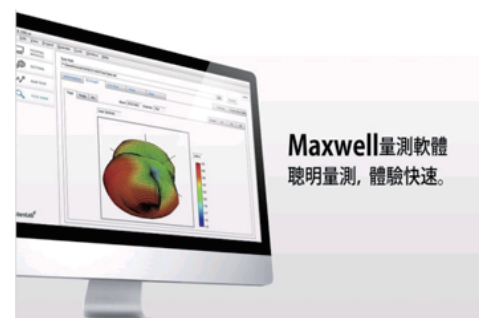
■ 測試過程 (Testing)



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實驗室介紹：

- ◆ 實驗室大小 The size of the LAB : 8 (L) x 4 (W) x 4 (H) meters
- ◆ 隔離度 Isolation : 30MHz - 18GHz > 100dB
- ◆ 被動測試頻率範圍 Passive Testing Frequency Range : 400MHz ~ 6GHz
- ◆ 測試深度範圍 Testing Depth Range : 5.5 meters CTIA Certified
- ◆ 待測重量 Testing Item Weight : 20KG



■ 測試軟體-Maxwell (Testing software-Maxwell)

Samples Making Equipments 製樣設備



■ 蝕刻機 KAE-9050SB Precision Etching Machine



■ 曝光機 UV Exposure Box

- ◆ 天線製程 Developing :
曝光 Exposure → 顯影 Developing →
蝕刻 Etching → 裁切 Cutting
- ◆ 曝光機 Exposure Box for PCB :
PCB 雙層板蝕刻製程。
- ◆ 蝕刻機 Etching Machine :
PCB 小量試產、減少打樣時間。



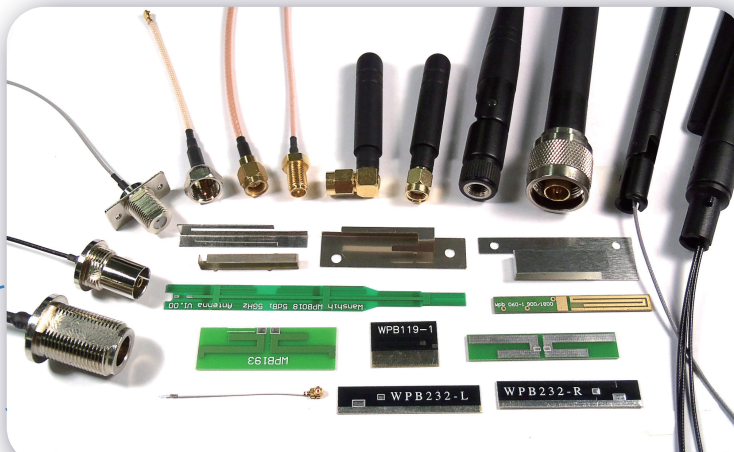
Antenna Applications 天線應用類別



Dongle



Smart phone



DC



DV



Router



Gaming



NB



Home Appliance



Automobile



RF Antenna 無線天線

依客戶需求設計各種內建式與外掛式天線與 RF 連接線，應用於筆記型電腦、手機、All in one PC 及各項網通設備。

- ◆ IEEE 802.11 a/b/g/n/ac
- ◆ Zigbee, WiFi, LTE, NFC, WiMAX Antenna Series

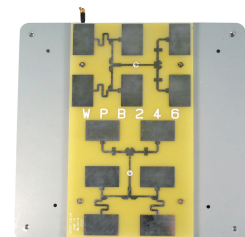


RF Connector

- ◆ SMA, SMB, MCX, MMCX
- ◆ U, FL, MHF, TNC, BNC, N, F
- ◆ UHF, VHF

RF Cable Assembly

- ◆ Mini 0.8mm, 1.13mm, 1.32mm, 1.37mm
- ◆ RG178, RG316, RG174, RG58



High Gain Patch Antenna

- ◆ WiFi : 2400 Mhz ~ 2500 Mhz, 5150 Mhz ~ 5900 Mhz
- ◆ WiMAX & LTE : 2300 Mhz ~ 2700 Mhz (Narrow Band) 3300 Mhz ~ 3800 Mhz (Narrow Band) or Other Band