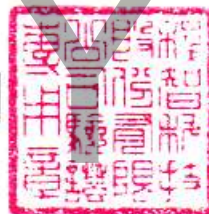


程智科技股份有限公司

低功率射頻電機型式認證證明

- (1)申請者： Atheros Communications, Inc.
(5480 Great America Parkway, Santa Clara, CA 95054, USA)
- (2)製造廠商： Atheros Communications, Inc.
- (3)器材名稱： 802.11 b/g PCI Express Minicard
- (4)廠牌型號： Atheros / AR5BXB63
- (5)發射功率(電場強度)： 802.11b Mode： 23.97 dBm
802.11g Mode： 26.99 dBm
- (6)工作頻率： 2412 ~ 2462 MHz (11 CH OFDM / CCK)
- (7)發證日期： 95 年 08 月 08 日 (換證日期: 99 年 02 月 03 日)
- (8)審驗合格標籤式樣：

CCAE06LP1300T1



說明：

- 1、請依上列標籤式樣自製標籤，標貼或印鑄於器材本體明顯處，始得販賣或公開陳列。
- 2、經型式認證合格之低功率射頻電機，其型號、設計、射頻性能如有變更，應重新申請型式認證。
- 3、違反低功率電波輻射性電機管理辦法之規定，擅自使用或變更無線電頻率、電功率者，除依電信法規定處罰外，驗證機關(構)並得廢止其型式認證證明或型式認證標籤。
- 4、送審廠商應保留送審樣品供日後核對。
- 5、本型式認證證明及其合格標籤使用權專屬取得本證明者。依電信管制射頻器材審驗辦法第15條規定，持有人得經由網際網路申請同意他人於同廠牌同型號之電信管制射頻器材使用型式認證標籤，並於次日起30天內，應檢具「電信管制射頻器材審驗合格標籤或符合性聲明標籤同意使用備查表」送本會備查。

備註：

- 1、本器材符合低功率射頻電機技術規範(第3.10.1節)之規定。
- 2、驗證機構係經國家通訊傳播委員會委託，核發本型式認證證明。

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程智科技股份有限公司

低功率射頻電機型式認證證明

3、此裝置搭配使用之天線型式如下：

Ant. P/N	Type	Manufacturer	Antenna Gain (dBi)
EBJ: W/N-S-1.13-300W-(2-2-1)&300B-(2-2-1)	PIFA/Bent Metal	WNC	*3.62
ED4: WN-S-1.37-300W-(2-2-1)&300B-(2-2-1)	PIFA/Bent Metal	WNC	1.5
631-0153	PIFA/Bent Metal	WNC	-1.6
056-1579	PIFA/Bent Metal	Tyco	-1.6
056-1838	PIFA/Bent Metal	Foxconn	-5.5
HTL 017	PIFA/Bent Metal	Hitachi	-1.3
TIAN 01	PIFA/Bent Metal	Tyco/IDAA	-0.3
HFT40	PIFA/Bent Metal	Hitachi	-0.2
TBN001	PIFA/Bent Metal	Tyco/AMP	1.1
WNC001	PIFA/Bent Metal	WNC	1.8
HTL 008	PIFA/Bent Metal	Hitachi	0.2
81.EDZ15.001/2	PIFA/Bent Metal	WNC	0.6
81.EE115.001, 002, 003, 004	PIFA/Bent Metal	WNC	1.5
CAN4313542012501B, CAN4313542022501B	PIFA/Bent Metal	Yageo	0.0
81.EBC15.015	PIFA/Bent Metal	WNC	2.9
81.EBJ15.033	PIFA/Bent Metal	WNC	2.8
3A.EDU45.111-115	PIFA/Bent Metal	WNC	1.4
HFT38, 39	PIFA/Bent Metal	Hitachi	1.8
HFT38D4, 39D4	PIFA/Bent Metal	Hitachi	1.9
HFT38D5, 39D5	PIFA/Bent Metal	Hitachi	1.9
62P4204 (main) / 62P4203 (aux)	PIFA/Bent Metal	Foxconn	1.0
91P6841 (main) / 91P6840 (aux)	PIFA/Bent Metal	Hitachi	1.2
91P6812 (main) / 91P6813 (aux)	PIFA/Bent Metal	Hitachi	1.7
91P6810 (main) / 91P6811 (aux)	PIFA/Bent Metal	Hitachi	1.8
13N5743 (main) / 13N5742 (aux)	PIFA/Bent Metal	Nissei	1.7
RO222-099 (main) / RO222-100 (aux)	PIFA/Bent Metal	Smartant	0.9
08K4083 (main) / 08K4084 (aux)	PIFA/Bent Metal	Nissei	1.3
91P6908/9	PIFA/Bent Metal	WNC	1.8
08K4083/4	PIFA/Bent Metal	Nissei	1.3
HFT47, 48 / 1770417, 1770418,	PIFA/Bent Metal	Hitachi/Tyco/WNC	1.8
81.EEF15.001/2/3/4	PIFA/Bent Metal		
023-0100-2399, 2400	PIFA/Bent Metal	Foxconn	1.0
023-0100-2399, 2400	PIFA/Bent Metal	Foxconn	0.7
023-0100-2399, 2400	PIFA/Bent Metal	Foxconn	-0.4
023-0100-2399, 2400	PIFA/Bent Metal	Foxconn	1.6
023-0100-2399, 2400	PIFA/Bent Metal	Foxconn	0.2
023-0100-4031, 4032	PIFA/Bent Metal	Foxconn	1.6
CP115407-01	PIFA/Bent Metal	Nissei	0.2
CP115401-01	PIFA/Bent Metal	Nissei	-1.0
CP115412-01	PIFA/Bent Metal	Nissei	1.1
YCE-5008	PIFA/Bent Metal	Yokowo Co. Ltd.	2.3
DA120D-2454M-FJ01	PIFA/Bent Metal	NEC Tokin	1.0
Hitachi HFT24S0	PIFA/Bent Metal	Hitachi	2.1
Hitachi HFT23S0	PIFA/Bent Metal	Hitachi	1.6
Hitachi HFD-04R	PIFA/Bent Metal	Hitachi	0.7

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程智科技股份有限公司

低功率射頻電機型式認證證明

Ant. P/N	Type	Manufacturer	Antenna Gain (dBi)
DD0RB1TH102	PIFA/Bent Metal	Smartant	0.5
1-754-331-11/21	PIFA/Bent Metal	Nissei	-2.5
XXX17, XXX15	PIFA/Bent Metal	Phycomp	0.6
81.ED415.012, .013	PIFA/Bent Metal	WNC	3.5
81.EBQ15.013	PIFA/Bent Metal	WNC	-0.1
81.ED415.009	PIFA/Bent Metal	WNC	3.0
81.EBQ15.017	PIFA/Bent Metal	WNC	0.9
CAN4313 531	PIFA/Bent Metal	Yageo	2.1
CAN4313 530 012501B / 022501B	PIFA/Bent Metal	YAGEO	0.9
81.EEJ15.001 / 81.EEJ15.002	PIFA/Bent Metal	WISTRON	0.9
CAN4313 519 012501B / 022501B	PIFA/Bent Metal	YAGEO	2.3
CAN4313 555 012501B / 022501B	PIFA/Bent Metal	YAGEO	1.9
CAN 4313 395 012501B R04	PIFA/Bent Metal	YAGEO	2.0
CAN 4313 395 012501B R02	PIFA/Bent Metal	YAGEO	0.6
C660-520044-A	PIFA/Bent Metal	WHA YU	0.0
CAN 4313 539 012501B	PIFA/Bent Metal	YAGEO	2.1
CAN 4313 500 112501B / 212501B	PIFA/Bent Metal	YAGEO	1.4
CAN 4313 549 012501B / 022501B	PIFA/Bent Metal	YAGEO	2.7
CAN 4313 380 012501B / 022501B R02	PIFA/Bent Metal	YAGEO	2.8
CAN 4313 397 012501B / 022501B	PIFA/Bent Metal	YAGEO	1.0
CAN 4313 396 012501B / 022501B R02	PIFA/Bent Metal	YAGEO	2.4
CAN4313 392 012501B / 022501B R04	PIFA/Bent Metal	YAGEO	2.0
HMT09-LV01, HMT10-LV01	PIFA/Bent Metal	Hitachi	1.1
81.EEF15.001, .002	PIFA/Bent Metal	WNC	1.2
81.EEF15.003, .004	PIFA/Bent Metal	WNC	1.5
CP229661	PIFA/Bent Metal	WNC	-1.3
CP173765	PIFA/Bent Metal	WNC	2.0
7017-005021	PIFA/Bent Metal	Askey	2.9
CP115445	PIFA/Bent Metal	Fujitsu	1.7
CP115455	PIFA/Bent Metal	Fujitsu	2.4
CP115420	PIFA/Bent Metal	Fujitsu	2.7
CP279185	PIFA/Bent Metal	Fujitsu	2.2
WDAN-TQ	PIFA/Bent Metal	Foxconn	-0.5
81.ED415.012/013 XB63	PIFA/Bent Metal	WNC	3.2

4、本公司於九十六年四月十一日同意增列本器材搭配使用之天線廠牌及型號如下：

Ant. P/N	Type	Manufacturer	Antenna Gain (dBi)
ASAA 000	PIFA/Bent Metal	Acon	1.56
ASAT 000	PIFA/Bent Metal	Tyco	2.32
Asay 000	PIFA/Bent Metal	Yageo	2.19
MAIN Antenna (R)-S79-1800260-H39	PIFA	HIGH-TEK	2.67
AUX Antenna (L)-S79-1800270-H39	PIFA	HIGH-TEK	2.67
MAIN Antenna (L)-S79-1800240-H39	PIFA	HIGH-TEK	2.40
AUX Antenna (R)-S79-1800230-H39	PIFA	HIGH-TEK	2.40
MSI/ MSI16322	PIFA	Yageo	1.06
MAIN Antenna (R)S79-1800400-Y01	PIFA	Yageo	1.06
AUX Antenna (L)-S79-1800410-Y01	PIFA	Yageo	1.06
MSI/ MS-1637X	PIFA/Bent Metal	JI-HAW	1.11

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程智科技股份有限公司

低功率射頻電機型式認證證明

Ant. P/N	Type	Manufacturer	Antenna Gain (dBi)
MAIN Antenna (R)- S79-1800260-J36	PIFA/Bent Metal	JI-HAW	1.11
AUX Antenna (L)- S79-1800270-J36	PIFA/Bent Metal	JI-HAW	1.11
WDAN-TQBL1001-DF	PIFA/Bent Metal	Foxconn	-0.50
ASAT 001	PIFA/Bent Metal	Tyco	0.61
ASAA 001	PIFA/Bent Metal	Acon	1.56
ASAW 001	PIFA/Bent Metal	WNC	1.34
CAN4313 542 012501B, CAN4313 542 032501B	PIFA/Bent Metal	Yageo	0.91
3059797, 3059805	PIFA/Bent Metal	Nissei	-0.01
25.90354.001, 25.90424.001, 25.90355.001	PIFA/Bent Metal	WNC	1.52
25.90386.001, 25.90383.001, 25.90434.001	PIFA/Bent Metal	WNC	1.83
60.4B421.001, 60.4B422.001, 60.4B537.001	PIFA/Bent Metal	WNC	1.93
CP293417	PIFA/Bent Metal	Fujitsu	1.34
C642-520017-A, C642-520017-A	PIFA/Bent Metal	Wha Yu	0.81
CP329309, CP329325, CP329308, CP329324	PIFA/Bent Metal	Nissei	2.45
CP313551-01, CP313552-01	PIFA/Bent Metal	Nissei	1.65
CP342610-01	PIFA/Bent Metal	Fujitsu	2.39
YCE-5008	PIFA/Bent Metal	Yokowo Co. Ltd.	1.37
CP313562, CP313562	PIFA/Bent Metal	Nissei	1.13
CP313543-01, CP313542-01	PIFA/Bent Metal	Nissei	1.17
WDAN-SCMS6003-1F, WDAN-SCMS6004-1F	PIFA/Bent Metal	HonHai	1.22
WDAN-SCMS7001, 2 -DF	PIFA/Bent Metal	HonHai	1.08
WDAN-SCMS3001, 2-1F	PIFA/Bent Metal	HonHai	1.68
WDAN-SCMS5001, 2-1F	PIFA/Bent Metal	HonHai	2.31
81.EE515.001	PIFA/Bent Metal	Wistron	1.22
CAN4313513012501B, CAN4313513022501B,	PIFA/Bent Metal	Yageo	1.52
073-0000-1880, 1	PIFA/Bent Metal	HonHai	-0.07
CAN4313 549 012501B / 022501B	PIFA	YAGEO	2.67
APM6P-700004 / 700005	PIFA	ACON	2.56
CAN4313 564 012501B	PIFA	YAGEO	-0.37
CAN4313 555 012501B / 022501B	PIFA	YAGEO	1.93
1909803 / 1909804	PIFA	TYCO	0.69
CAN4313 530 012501B / 022501B	PIFA	YAGEO	0.88
CAN4313 583 012501B / 022501B	PIFA	YAGEO	-0.37
1909802 / 1909805	PIFA	TYCO	0.44
APP6P-700043/CM2P76-0245600	PIFA	ACON	1.87
APP6P-700044/CM2P76-0245601			
TBN003	PIFA/Bent Metal	Tyco/AMP	-0.55
HFT60	PIFA/Bent Metal	Hitachi	-0.25
WDAN-L1CR3001-DF, WDAN-L1CR3003-DF	PIFA/Bent Metal	Foxconn	0.95
50-52-05, 50-66-03	PIFA/Bent Metal	Galtronic	-0.68
HMT12-MAIN, HMT12-AUX	PIFA/Bent Metal	Hitachi	1.58
WDAN-L1DV3001-DF, WDAN-L1DV3003-DF	PIFA/Bent Metal	Foxconn	0.00
50-52-03, 50-54-03	PIFA/Bent Metal	Galtronics	0.26
HMT14-MAIN, HMT14-AUX	PIFA/Bent Metal	Hitachi	1.82
CP313544, CP313545	PIFA/Bent Metal	Nissei	2.28
CP328535-01, CP328534-01, CP328535-01	PIFA/Bent Metal	Nissei	1.83
CP115440, CP115441	PIFA/Bent Metal	Nissei	-0.38

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程智科技股份有限公司

低功率射頻電機型式認證證明

5、本公司於九十六年七月十九日同意增列本器材搭配使用之天線廠牌及型號如下：

Ant. P/N	Type	Manufacturer	Antenna Gain (dBi)
WDAN-NQCH2001-DF	PIFA/Bent Metal	Foxconn	1.07
C680-520047-A	PIFA/Bent Metal	WHA YU	1.87
WDAN-QQED5002-DF	PIFA/Bent Metal	Foxconn	1.98
WDAN-Q1TW3001-DF	PIFA/Bent Metal	Foxconn	0.21
C88P107-0321	PIFA/Bent Metal	SpeedTech	-0.89
IA-060122	PIFA/Bent Metal	JEM	0.10
IA-060096	PIFA/Bent Metal	JEM	2.20
IA-050137	PIFA/Bent Metal	JEM	2.25
IA-060023	PIFA/Bent Metal	JEM	1.12
IA-060085	PIFA/Bent Metal	JEM	-0.44
IA-060108	PIFA/Bent Metal	JEM	1.89
CAN4313 580 012501B	PIFA/Bent Metal	Yageo	0.97
CAN4313 580 022501B			
81.EEC15.001	PIFA/Bent Metal	WNC	1.96
81.EEC15.002			
81.EEC15.003			
WDAN-M1OS1001-DF	PIFA/Bent Metal	Foxconn	1.34
WDAN-M1OS1002-DF			
WDAN-M1OS1003-DF			
SS-03-03-099	PIFA/Bent Metal	Amphenol KAE	2.49
SS-03-03-100			
SS-03-03-101	PIFA/Bent Metal	Amphenol KAE	2.97
SS-03-03-081			
SS-03-03-082	PIFA/Bent Metal	WNC	1.72
81.EEO15.001			
81.EEO15.002			
81.EEO15.003	PIFA/Bent Metal	Foxconn	2.30
WDAN-S1TR1M01-DF			
WDAN-S1TR1A01-DF	PIFA/Bent Metal	Acon	1.36
ASAA 000			
ASAT 000			
ASAY 000	PIFA/Bent Metal	Yageo	2.85
WDAN-SPM62002-1F			
WDAN-SPM62004-1F	PIFA/Bent Metal	HonHai	1.14
WDAN-SPM63001-1F			
WDAN-SPM63002-1F	PIFA/Bent Metal	HonHai	1.48
WDAN-SPM64001-1F			
WDAN-SPM64002-1F	PIFA/Bent Metal	HonHai	1.00
WDAN-SCMS9001-1F			
WDAN-SCMS9002-1F	PIFA/Bent Metal	HonHai	-0.52
C680-520064-A			
AMP8P-70029, 28	PIFA/Bent Metal	Whayu	1.90
WDAN-SPM72002-1F			
WDAN-SPM72001-1F	PIFA/Bent Metal	Acon	1.62
	PIFA/Bent Metal	HonHai	0.91

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智科技股份有限公司

低功率射頻電機型式認證證明

Ant. P/N	Type	Manufacturer	Antenna Gain (dBi)
PCBEG (WDAN-CPBEAG01-1F) (WDAN-CPBEAG02-1F)	PIFA/Bent Metal	Foxconn	2.19
13-130-320011, 13-130-335011	PIFA/Bent Metal	ECS(Elitegroup Computer Systems)	1.94
WDAN-HQAT8 A01-DF	PIFA/Bent Metal	Foxconn	2.97
WDAN-HQAT8 B01-DF	PIFA/Bent Metal	Foxconn	2.93
WDAN-HQAT9 A01-DF	PIFA/Bent Metal	Foxconn	2.86
WDAN-HQAT8B01-DF	PIFA/Bent Metal	Foxconn	2.83
81.EBC15.074, 075, 084	PIFA/Bent Metal	WNC	2.90
WDAN-HCBL8 001-DF, 002-DF, 003-DF	PIFA/Bent Metal	Foxconn	1.85
CP159328, CP313560	PIFA/Bent Metal	Yokowo Co. Ltd.	-2.5
CP335166, CP313564	PIFA/Bent Metal	Yokowo Co. Ltd.	-1.23
CP352685	PIFA/Bent Metal	Tyco Electronics	2.43
CAN4313 626 012501B/ 022501B(Main/ Aux)	PIFA	YAGEO	0.79
CAN4313 539 012501B(Main/ Aux)	PIFA	YAGEO	2.13
CAN4313 566 012501B/ 022501B(Main/ Aux)	PIFA	YAGEO	-1.3

6、本公司於九十六年九月二十八日同意增列本器材搭配使用之天線廠牌及型號如下：

Ant. P/N	Type	Manufacturer	Antenna Gain (dBi)
APM6P-700004/ 700005(Main / Aux)	PIFA	ACON	2.56 dBi
CAN4313 527 012501B / 022501B(Main / Aux)	PIFA	YAGEO	1.20 dBi
1909907-1 / 1909909-1(Main / Aux)	PIFA	TYCO	1.57 dBi
CAN4313 562 012501B (Main)	PIFA	YAGEO	1.30 dBi
CAN4313 562 022501B(Aux)	PIFA	YAGEO	0.63dBi
APP6P-700002(Main)	PIFA	ACON	2.55dBi
APP6P-700003 (Aux)	PIFA	ACON	0.50 dBi
1909803 / 1909804(Main / Aux)	PIFA	TYCO	2.91 dBi
APP6P-A00002 / A00001(Main / Aux)	PIFA	ACON	1.30 dBi
CAN4313 555 012501B / 022501B (Main / Aux)	PIFA	YAGEO	1.93 dBi
CAN4313 622 012451B (Main)	PIFA	YAGEO	2.62 dBi
CAN4313 622 022451B (Aux)	PIFA	YAGEO	0.39 dBi
C660S510025-A	Dipole	WHA YU	1.80dBi
FXN06-220360 / 1-833-851-11	Dipole	SmartAnt+	3.4dBi
CAN4313 623 012501B (Main)	PIFA	YAGEO	1.59 dBi
CAN4313 623 022501B (Aux)	PIFA	YAGEO	-0.41 dBi

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程智科技股份有限公司

低功率射頻電機型式認證證明

7、本公司於九十六年十二月十七日同意增列本器材搭配使用之天線廠牌及型號如下：

Ant. P/N	Type	Manufacturer	Antenna Gain (dBi)
1909885-1/1909892-1(Main)	PIFA	TYCO	0.44 dBi
1909887-1/1909893-1(Aux)			
APP6P-700043/CM2P76-0245600(Main)	PIFA	ACON	2.52 dBi
APP6P-700044/CM2P76-0245601(Aux)			
CAN4313 629 012501B(Main)	PIFA	YAGEO	2.61 dBi
CAN4313 629 032501B(Aux)			
APM6P-700004 / 700005(Main/Aux)	PIFA	ACON	2.56 dBi
CAN4313 549 012501B / 022501B(Main / Aux)	PIFA	YAGEO	2.67dBi
CAN4313 637 012501B / 022501B(Main / Aux)	PIFA	YAGEO	2.60 dBi
1909804-1 / 1909803-1(Main/Aux)	PIFA	TYCO	1.85 dBi

8、本公司於九十七年二月二十一日同意增列本器材搭配使用之天線廠牌及型號如下：

Ant. P/N	Type	Manufacturer	Antenna Gain (dBi)
81.EGL15.003	PIFA	WNC	1.31
81.EGL15.004	PIFA	WNC	1.31
81.EE215.035	PIFA	WNC	-0.61
81.EE215.036	PIFA	WNC	-0.61
81.EE215.037	PIFA	WNC	1.59
81.EE215.038	PIFA	WNC	1.59
2023934-1	PIFA	Tyco	1.6
2023937-1	PIFA	Tyco	1.6
2023938-1	PIFA	Tyco	1.41
2023939-1	PIFA	Tyco	1.41
2023954-1	PIFA	Tyco	1.98
2023955-1	PIFA	Tyco	1.68
HFT40-IV23W (WL)	PIFA	Hitachi Cable	0.17
HFT40-IV23M (MIMO)	PIFA	Hitachi Cable	-2.35
HFT40-IV22W (WL)	PIFA	Hitachi Cable	-0.93
HFT40-IV22M (MIMO)	PIFA	Hitachi Cable	1.08
HFT40-IV21W (WL)	PIFA	Hitachi Cable	1.62
HFT40-IV21M (MIMO)	PIFA	Hitachi Cable	1.62

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程智科技股份有限公司

低功率射頻電機型式認證證明

9、本公司於九十七年三月二十七日同意增列本器材搭配使用之天線廠牌及型號如下：

Ant. P/N	Type	Manufacturer	Antenna Gain (dBi)
1909957-1 (L)	PIFA	TYCO	1.86dBi
1909958-1 (R)			
CAN4313 647 012501B (Main)	PIFA	YAGEO	0.59dBi
CAN4313 647 022501B (Aux)			
APP6P-A00001 (L)	PIFA	ACON	1.40dBi
APP6P-A00002 (R)			
APP6P-A00004 (MIMO)			
1909803 (Main)	PIFA	TYCO	0.70dBi
1909804 (Aux)			
1909802 (MIMO)			
CAN4313 583 012501B (L)	PIFA	YAGEO	0.80dBi
CAN4313 583 022501B (R)			
CAN4313 583 042501B (MIMO)			
CP342075	PIFA	Fujitsu	0.40dBi
CP313560			
CP313569-XX			
CP313569-XX			

10、本公司於九十七年四月十五日同意增列本器材搭配使用之天線廠牌及型號如下：

Ant. P/N	Type	Manufacturer	Antenna Gain (dBi)
2023952-1 (Main)	PIFA	TYCO	1.86dBi
2023953-1 (Aux)			

11、本公司於九十七年六月十八日同意增列本器材搭配使用之天線廠牌及型號如下：

Ant. P/N	Type	Manufacturer	Antenna Gain (dBi)
RFA-02-G21-70-385 (L)	PIFA	Aristotle	2.17dBi
RFA-02-G05-70B-385 (R)			

12、本公司於九十七年八月十八日同意增列本器材搭配使用之天線廠牌及型號如下：

No.	Ant. P/N	Type	Manufacturer	Antenna Gain (dBi)
1	APP6P-700137(Main)	PIFA	ACON	-0.70
	APP6P-700136(Aux)			
	AMP8P-700050			
2	AMP8P-700051	PIFA	ACON	2.20
	AMP8P-700123			
3	1909953-1(Main)	PIFA	TYCO	1.21
	1909952-1(Aux)			
4	1909878-1(Main)	PIFA	TYCO	-1.14
	1909879-1(Aux)			

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程智科技股份有限公司

低功率射頻電機型式認證證明

No.	Ant. P/N	Type	Manufacturer	Antenna Gain (dBi)
5	CAN4313 695 032501B (Main)	PIFA	YAGEO	1.68
	CAN4313 695 022501B(Aux)			
6	CAN4313737012501B	PIFA	YAGEO	2.91
7	CAN4313 766 012501B(Main)	PIFA	YAGEO	1.98
	CAN4313 766 022501B(Aux)			
8	CAN4313 632 062501B	PIFA	YAGEO	0.38
9	CAN4313 662 012501B(Main)	PIFA	YAGEO	0.38
	CAN4313 662 022501B(Aux)			
10	APP6P-700105	PIFA	ACON	2.40
	APP6P-700106			
11	Main : 81.EJL15.001	PIFA	WNC	-1.84
	AUX : 81.EJL15.002			
12	Main : (81.EJL15.003)	PIFA	WNC	-1.14
	Aux : (81.EJL15.004)			
13	Tx1 : CAN4313782022501B	PIFA	Yageo	0.64
	Tx2 : CAN4313782012501B			
14	Tx1 : CAN4313764022501B	PIFA	Yageo	0.84
	Tx2 : CAN4313764012501B			
15	Main : 81.EJK15.001	PIFA	Wistron Neweb	-0.12
	Aux : 81.EJK15.002			
	Main : (81.EJK15.003)	PIFA	Wistron Neweb	1.45
16	Aux : (81.EJK15.004)			
17	Tx1 : CAN4313765022501B	PIFA	Yageo	1.99
	Tx2 : CAN4313765012501B			
18	DQ622007900	PIFA	Quanta	1.1
19	DQ60AQT0100	PIFA	Quanta	-1.5
20	DQ622009500	PIFA	Quanta	-1.5
21	DQ60AQT0101	PIFA	Quanta	-0.1
22	CAN4313 714 012501B(Main)	PIFA	YAGEO	2.06
	CAN4313 714 022501B(Aux)			
23	APP6P-700147(Main)	PIFA	ACON	-0.7
	APP6P-700146(Aux)			
24	CAN4313 647 012501B(Main)	PIFA	YAGEO	0.59
	CAN4313 647 022501B(Aux)			
25	1909957-1	PIFA	TYCO	1.86
	1909958-1			
26	CAN4313 555 012501B(Main)	PIFA	YAGEO	1.42
	CAN4313 555 022501B(Aux)			
27	APP6P-700144(Main)	PIFA	ACON	-0.86
	APP6P-700145(Aux)			
28	CAN4313 713 012501B(Main)	PIFA	YAGEO	0.42
	CAN4313 713 022501B (Aux)			
29	2023621-1(L)	PIFA	TYCO	-0.33
	2023622-1(R)			

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程智科技股份有限公司

低功率射頻電機型式認證證明

No.	Ant. P/N	Type	Manufacturer	Antenna Gain (dBi)
30	2023840-1 2023901-1	PIFA	TYCO	0.53
31	APP6P-700191(L) APP6P-700190(R)	PIFA	ACON	2.24
32	CAN4313746012501B CAN4313746042501B	PIFA	YAGEO	1.04
33	CAN4313 748 012501B (Main)	PIFA	YAGEO	-0.56
34	CAN4313 781 012451B (Main)	PIFA	YAGEO	-0.64
35	CAN4313759012501B(Main) CAN4313759022501B(Aux)	PIFA	YAGEO	-2.7
36	CAN4313 723 042501B (Main) CAN4313 723 062501B (Aux)	PIFA	YAGEO	1.16
37	CAN4313 555 012501B (Main) CAN4313 555 022501B (Aux)	PIFA	YAGEO	1.42
38	CAN4313 647 012501B (Main) CAN4313 647 022501B (Aux)	PIFA	YAGEO	0.59

13、 本公司於九十七年八月二十日同意增列本器材搭配使用之天線廠牌及型號如下：

No.	Ant. P/N	Type	Manufacturer	Antenna Gain (dBi)
1	WDAN-TQ BL5001-DF	PIFA	Foxconn	-2.24dBi
2	HBV051	PIFA	Hitachi Cable	2.91dBi
3	HBV052	PIFA	Hitachi Cable	0.27dBi
4	HBV061	PIFA	Hitachi Cable	2.42dBi
5	HBV062	PIFA	Hitachi Cable	-1.04dBi
6	HBV07	PIFA	Hitachi Cable	2.19dBi
7	TBN005	PIFA	Hitachi Cable	1.96dBi
8	TBN006	PIFA	Hitachi Cable	1.32dBi
9	WDAN-TE	PIFA	Foxconn	-0.65dBi
10	CP313551-01 CP313552-01	PIFA	NISSEI	2.46dBi
11	CP388530 CP388530	PIFA	NISSEI	1.96dBi
12	DQ652013200 DQ652013100 CP329309 CP329325	PIFA	Wha Yu	2.42dBi
13	CP354706 CP329308 CP329324 CP354705	PIFA	NISSEI	2.45dBi
14	CP405102 CP405101	PIFA	NISSEI	2.10dBi
15	CP405102 CP405101	PIFA	NISSEI	1.81dBi

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程智科技股份有限公司

低功率射頻電機型式認證證明

No.	Ant. P/N	Type	Manufacturer	Antenna Gain (dBi)
16	CP342610 CP385440	PIFA	NISSEI	2.39dBi
17	CP381208 CP381209	PIFA	NISSEI	1.70dBi
18	CAN4313747012501B(R) CAN4313747022501B(L)	PIFA	YAGEO	0.03dBi
19	1909921-1(Main) 1909922-1(Aux)	PIFA	TYCO	1.85dBi

14、 本公司於九十七年十月八日同意增列本器材搭配使用之天線廠牌及型號如下：

No.	Ant. P/N	Type	Manufacturer	Antenna Gain (dBi)
1	CAN4313717012501B	PIFA	YAGEO	0.54dBi
2	APP6P-700140 APP6P-700105(R)	PIFA	ACON	-0.65dBi
3	APP6P-700106(L) APP6P-700107(MIMO)	PIFA	ACON	0.50dBi
4	CAN4313662012501B(Main) CAN4313662022501B(AUX) CAN4313662032501B(MIMO)	PIFA	YAGEO	0.07dBi
5	CAN4313817012501B(Main) CAN4313817022501B(AUX) CAN4313817032502B(MIMO)	PIFA	YAGEO	-0.96dBi
6	2023632-1	PIFA	TYCO	0.68dBi
7	CAN4313776012501B TX1 : APP6P-700202	PIFA	YAGEO	0.85dBi
8	TX2 : APP6P-700203	PIFA	ACON	2.55dBi
9	APP6P-700153	PIFA	ACON	1.06dBi
10	2023878-1(R) 2023879-1(L)	PIFA	TYCO	2.95dBi
11	CAN4313757012501B(Main) CAN4313757022501B(Aux)	PIFA	YAGEO	1.81dBi
12	APP6P-700175(R) APP6P-700176(L)	PIFA	ACON	1.79dBi
13	CAN4313753012501B(Main) CAN4313753022501B(Aux)	PIFA	YAGEO	1.49dBi

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程智科技股份有限公司

低功率射頻電機型式認證證明

15、 本公司於九十七年十一月十三日同意增列本器材搭配使用之天線廠牌及型號如下：

No.	Ant. P/N	Type	Manufacturer	Antenna Gain (dBi)
1	CP410731	PIFA	Tyco	2.43dBi
2	CP313576	PIFA	NISSEI	2.28dBi
3	CP338044	PIFA	YOKOWO	2.28dBi
4	CP313576	PIFA	NISSEI	2.45dBi
5	CP338045	PIFA	YOKOWO	-0.76dBi
6	CP419704	PIFA	NISSEI	1.94dBi
	CP419705			
	CP414721			
	CP414722			
	HCT01			

16、 本公司於九十七年十二月三日同意增列本器材搭配使用之天線廠牌及型號如下：

No.	Ant. P/N	Type	Manufacturer	Antenna Gain (dBi)
1	APP6P-700214(L)	PIFA	ACON	0.76dBi
2	APP6P-700215(R)			
3	CAN4313816012501B(Main)	PIFA	YAGEO	2.30dBi
4	CAN4313816022501B(Aux)			
5	CAN4313835012501B(Main)	PIFA	YAGEO	-0.10dBi
6	CAN4313835042501B(Aux)			
7	CAN4313770012501B(Main)	PIFA	YAGEO	1.75dBi
8	CAN4313770022501B(Aux)			
9	CAN4313770032501B(MIMO)			
10	CAN4313659022501B(Main/Aux)	PIFA	YAGEO	0.10dBi
11	CAN4313659032501B(MIMO)			

17、 本公司於九十八年五月二十七日同意增列本器材搭配使用下列之天線廠牌及型號。

No.	Ant. P/N	Type	Manufacturer	Antenna Gain (dBi)
1	1556026-1	PIFA	TYCO	1.80
2	2023763-1			
3	WA-P-LA-02	PIFA	INPAQ	2.67
4	WA-P-LA-01			

18、 本公司於九十九年二月三日同意增列下列1組天線，其相關資料如下表所示。

No.	Ant. P/N	Type	Manufacturer	Antenna Gain (dBi)
1、	TBN007 (Tx1)	PIFA	Tyco	1.98
	TBN007 (Tx2)			1.97

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