

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：新加坡商博通亞洲股份有限公司台灣分公司
(臺北市信義區信義路五段106號5樓)
- (2)製造廠商：BROADCOM CORPORATION
- (3)器材名稱：Broadcom 802.11g WLAN PCI-E Mini Card
- (4)廠牌型號：BROADCOM / BCM94312HMG
- (5)發射功率(電場強度)：802.11b：22.28dBm；802.11g：23.05dBm
- (6)工作頻率：802.11b/g：2412 MHz～2462 MHz (11CH OFDM/CCK)
- (7)發證日期：96年12月04日(換證日期：99年07月29日)
- (8)審驗合格標籤式樣：

CCAE07LP1640T4



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、本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。
- 3、本器材適用於各種平台。
- 4、此裝置為使用Hitachi廠牌的Main：Monopole Antenna / Aux：PIFA Antenna，天線型號HMT05/HFT17-DL07，其天線增益為Main：1.7dBi / Aux：3.9dBi。

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5、本公司於九十七年三月二十四日同意增列天線之廠牌及型號如下：

Antenna Supplier：Advanced-Connectek Inc.，Antenna Model Name：APP8P-700049

Antenna Supplier：Tyco，Antenna Model Name：C-2023816-1

Antenna Supplier：Advanced-Connectek Inc.，Antenna Model Name：APP8P-700045 / APP8P-700046

Antenna Supplier：Amphenol，Antenna Model Name：QT0932-11-001-R

Antenna Supplier：SmartAnt，Antenna Model Name：PE-080000

Antenna Supplier：Advanced-Connectek Inc.，Antenna Model Name：AMP8P-700047

Antenna Supplier：Amphenol，Antenna Model Name：QT0932-11-001-R

Antenna Supplier：Amphenol，Antenna Model Name：RB0714-11-001-R (T×1) / RB0714-11-002-R (T×2)

Antenna Supplier：Yageo，Antenna Model Name：CAN4313646012501B (Aux) / CAN4313646022501B (Main)

6、本公司於九十七年五月十四日同意增列下列19組天線，其相關資訊如下表所示：

No.	Antenna Supplier	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
1	Tyco	IFA	056-2248	2.92 (H)
2	Tyco Holding (Bermuda) VII Ltd.	IFA	2023820-1(TX1) 2023820-1(TX2)	Aux 2.63 (V)
3	Yageo Corporation	IFA	CAN4313718022501B(TX1) CAN4313718012501B(TX2)	Tx2 1.79 (H)
4	Tyco Holding (Bermuda) VII Ltd.	IFA	2023808-1(TX1) 2023809-1(TX2)	MIMO 2.04 (V)
5	Yageo Corporation	IFA	CAN4313719022501B(TX1) CAN4313719012501B(TX2)	Tx2 0.43 (H)
6	Amphenol	IFA	WT0924-11-000-R(TX1) WT0924-11-000-R(TX2)	Tx2 2.63 (H)
7	Amphenol	IFA	WT1111-11-000-R(TX1) WT1111-11-000-R(TX2)	Tx1 1.92 (H)
8	Amphenol	IFA	RB0935-11-000-R (Tx1) RB0935-11-000-R (Tx2)	TX2 0.29 (H)
9	Tyco Holding (Bermuda) VII Ltd.	IFA	2023818-1(TX1) 2023818-1(TX2)	Tx2 2.99 (H)
10	Tyco Holding (Bermuda) VII Ltd.	IFA	2023812-1(TX1) 2023813-1(TX2)	Tx2 2.99 (H)
11	Tyco Holding (Bermuda) VII Ltd.	IFA	2023818-1(TX1) 2023819-1(TX2)	Tx2 0.67 (V)

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No	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
12	Tyco Holding (Bermuda) VII Ltd.	IFA	2023813-1(TX1) 2023813-1(TX2)	Tx2 0.67 (V)
13	Amphenol	IFA	RB0935-11-000-R (Single Lamp) RB1156-11-000-R (Two Lamps)	Main 2.09 (V)
14	Amphenol	IFA	RB0714-11-000-R	Tx1 2.33 (H)
15	Yageo Corporation	IFA	CAN4313752012501B(TX1) CAN4313752012501B(TX2)	Tx1 0.87 (H)
16	Yageo Corporation	IFA	CAN4313752012501B(TX1) CAN4313752012501B(TX2)	Tx2 0.87 (H)
17	Amphenol	IFA	RB0714-11-000-R(Tx1) RB0714-11-000-R(Tx2)	TX1 0.24 (H)
18	Tyco Holding (Bermuda) VII Ltd.	IFA	Dell SLS	Main 1.32 (V)
19	ACON	IFA	APP6P-700124(Main) APP6P-700125(Aux)	Main 1.86 (V)

7、本公司於九十七年七月二十三日同意增列下列23組天線，其相關資訊如下表所示：

No	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
1	Amphenol	IFA	QT0937-11-001-R(TX1) QT0937-11-001-R(TX1)	Tx1 0.66dBi(V)
2	SmartAnt Telecom	PIFA	PE-08001A(Main) PE-08001B(Aux)	Aux 1.76dBi(V)
3	Amphenol	IFA	RB0715-11-001(TX1) RB0715-11-002(TX2)	TX2 2.52dBi(H)
4	Amphenol	IFA	RB0715-11-003(TX1) RB0715-11-004(TX2)	TX2 2.52dBi(H)
5	Antenova	PIFA	A10237-L1(TX1) A10237-R1(TX2)	TX1 0.20dBi(H)
6	Antenova	PIFA	A10237-L2(TX1) A10237-R2(TX2)	TX2 1.9dBi(H)

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No	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
7	Amphenol	IFA	RB0715-11-003-R(TX1)	TX2 0.85dBi(V)
			RB0715-11-004-R(TX2)	
8	Antenova	PIFA	A10237-L3(Main)	TX1 -1.0dBi(H)
			A10237-R3(Aux)	
9	Amphenol	IFA	RB0934-11-000-R(TX1)	TX1 2.33dBi(H)
			RB0934-11-000-R(TX2)	
10	GALTRONICS	PIFA	06-7015-03 (MAIN)	TX2 0.18dBi(H)
			06-7016-03 (AUX)	
11	GALTRONICS	PIFA	06-7015-03 (MAIN)	TX2 -1.84dBi(H)
			06-7016-03 (AUX)	
12	GALTRONICS	PIFA	06-7018-03 (MAIN)	TX2 0.66dBi(V)
			06-7031-03 (AUX)	
13	Tyco Electronics	PIFA	2023987-1(TX1)	TX2 0.04dBi(H)
			2023987-1(TX2)	
14	Tyco Electronics	PIFA	2023987-1(TX1)	TX2 -0.98dBi(V)
			2023986-1(TX2)	
15	Tyco Electronics	PIFA	2023989-1(TX1)	TX1 -1.17dBi(H)
			2023988-1(TX2)	
16	Acon	IFA	APP8P-700053(Main)	Aux 1.69dBi(V)
			APP8P-700052(Aux)	
17	Amphenol	PIFA	QT1258-11-001-R	Main 1.39dBi(V)
18	Smart Approach	PIFA	PE-08000A-A(Main)	Main -0.01dBi(V)
			PE-08000A-C(Aux)	
19	Acon	PIFA	AMP8P-700056(TX1)	Aux 0.02dBi(V)
			AMP8P-700056(TX2)	
20	Tyco Electronics	PIFA	2023825(TX1)	TX2 2.87dBi(H)
			2023825(TX2)	
21	Acon	PCB IFA	AMP8P-700067(Main)	Main 0.37dBi(V)
			AMP8P-700067(Aux)	
22	Smart Approach	PIFA	PE-110010-A(Main)	Main 0.75dBi(V)
			PE-110010-C(Aux)	
23	WNC	PIFA	81.EG315.049(Main)	Main 2.35dBi(H)
			81.EG315.049(Aux)	

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8、本公司於九十七年九月九日同意增列下列8組天線，其相關資訊如下表所示：

No.	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
1	Auden	PIFA	220070-09 (TX1)	TX2 2.32dBi(H)
			220069-09 (TX2)	
2	Yageo	PIFA	CAN4313 715 022501B (TX1)	TX2 1.34dBi(H)
			CAN4313 715 012501B (TX2)	
3	Acon	PIFA	APP8P-700061 (Main)	Main 2.06dBi(V)
			APP8P-700061 (Aux)	
4	WNC	PIFA	81.EG615.006 (Main)	Aux 0.05dBi(V)
			81.EG615.006 (Aux)	
5	Yageo	PIFA	6036B0044401 (TX1)	TX2 0.46dBi (H)
			6036B0044501 (TX2)	
6	Yageo	PIFA	6036B0044401 (TX1)	TX2 0.91dBi(H)
			6036B0044501 (TX2)	
7	WNC	PIFA	81.EDG15.052 (Main)	Aux 1.91 (V)
			81.EDG15.053 (Aux)	
8	WNC	PIFA	81.EDG15.052 (Main)	Main 2.08 (H)
			81.EDG15.053 (Aux)	

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9、本公司於九十七年十二月十一日同意增列下列23組天線，其相關資訊如下表所示：

No.	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
1	Acon	PIFA	AMP8P-700063(Main)	Main (-0.55)dBi(H)
			AMP8P-700063(Aux)	
2	Acon	PIFA	APP8P-700063(Main)	Main (2.32)dBi(V)
			APP8P-700062(Aux)	
3	Amphenol	PIFA	QT1371-11-001-R(Main)	Aux (-0.38)dBi(H)
			QT1371-11-001-R(Aux)	
4	SmartApproach	PIFA	DQ608000B00(Main)	Aux 0.13dBi(V)
			DQ611000B00(Aux)	
5	Lite	PIFA	CAR-ATR-240-001(Main)	Aux 1 dBi(H)
			CAR-ATR-239-001(Aux)	
6	Foxxcon	PIFA	FX01M67-0D-0F (Main)	Main 0.71dBi(H)
			FX01M68-0D-0F(Aux)	
7	Amphenol	PIFA	WT1096-11-002-R(TX1)	TX2 (-0.44) dBi(H)
			WT1096-11-001-R(TX2)	
8	Amphenol	PIFA	WT1356-11-002-R(TX1)	TX2 (-1.089)dBi(H)
			WT1356-11-002-R(TX2)	
9	Amphenol	PIFA	WT10096-11-002-R(Main)	Main 2.38dBi(H)
			WT10096-11-001-R(Aux)	
10	Amphenol	PIFA	WT10096-11-002-R(Main)	Aux (-0.509)dBi(H)
			WT10096-11-001-R(Aux)	
11	Yageo	PIFA	CAN4313792012501B(Main)	Main 0.39dBi(H)
			CAN4313792022501B(Aux)	
12	Yageo	PIFA	CAN4313802022501B(Main)	Main (-0.85)dBi(V)
			CAN4313802022501B(Aux)	
13	Yageo	IFA	CAN4313792012501B(Main)	Main 0.64dBi(V)
			CAN4313792022501B(Aux)	
14	Yageo	IFA	CAN4313802022501B(Main)	Main (-0.40)dBi(V)
			CAN4313802022501B(Aux)	

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No.	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
15	Yageo	PIFA	CAN4313799022701B(TX1)	TX1 0.21dBi(H)
			CAN4313799012701B(TX2)	
16	Yageo	PIFA	CAN4313765022501B(TX1)	TX1 1.99dBi(H)
			CAN4313765012501B(TX2)	
17	WNC	PIFA	81.EJK15.003(Main)	Aux 1.45dBi(H)
			81.EJK15.004(Aux)	
18	Yageo	PIFA	CAN4313811012501B(TX1)	TX2 (-0.13)dBi(H)
			CAN4313811012501B(TX2)	
19	Yageo	PIFA	CAN4313811022701B(TX1)	TX1 0.80dBi(V)
			CAN4313811022701B(TX2)	
20	Tyco	PIFA	2023641-1(TX1)	TX2 0.33dBi(H)
			2023641-1(TX2)	
21	Tyco	PIFA	2023642-1(TX1)	TX1 2.29dBi(H)
			2023642-1(TX2)	
22	WNC	PIFA	81.EJU15.002(Main)	Main 1.38dBi(H)
			81.EJU15.002(Aux)	
23	Yageo	PIFA	CAN4313572012501B(Main)	Main 1.33dBi(H)
			CAN4313572012501B(Aux)	

10、本公司於九十八年三月二十日同意增列下列43組天線，其相關資訊如下表所示：

No.	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
1	Smart Approach	PIFA	Tx1 Antenna: PE-AB0420 (Main)	Main -1.10 dBi(H)
			Tx2 Antenna: PE-AB0420 (Aux)	
2	Smart Approach	PIFA	Tx1 Antenna: PE-AB0430 (Main)	Aux 2.19dBi(V)
			Tx2 Antenna: PE-AB0430 (Aux)	
3	WNC	PIFA	Main: 81.EG315.065	Main -0.56dBi(H)
			Aux:81.EG315.065	
4	WNC	PIFA	Main 81.EG315.063	Main 1.83dBi(H)
			Aux 81.EG315.063	
5	Tyco	PIFA	Tx1 Antenna: 2023751-1	Main 0.79dBi(H)
			Tx2 Antenna: 2023751-1	
6	Yageo	PIFA	Tx1 CAN4313807022701B	Aux 0.58dBi(H)
			Tx2 CAN4313807022701B	

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No.	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
7	WNC	PIFA	T1 Antenna: 81.EG315.064	Main 2.77dBi(H)
			T2 Antenna: 81.EG315.064	
8	Smart Approach	PIFA	Tx1 Antenna: PE-AB0440 (Main)	Aux 2.69dBi(V)
			Tx2 Antenna: PE-AB0440 (Aux)	
9	Yageo	PIFA	Tx1 CAN4313839012501B	Tx2 -0.29dBi(H)
			Tx2 CAN4313839012501B	
10	WNC	PIFA	Main 81.EJK15.001	Main -0.21dBi (H)
			Aux 81.EJK15.002	
11	ACON	PIFA	Tx1 AMP8P-700074	TX 2 -0.21dBi (V)
			Tx2 AMP8P-700075	
12	Smart Approach	PIFA	Tx1: PE-080070 (Main)	Aux 0.13dBi (V)
			Tx2: PE-080080 (Aux)	
13	Yageo	PIFA	Tx1 CAN4313885022501B	Tx2 0.04dBi (V)
			Tx2 CAN4313885012501B	
14	ACON	PIFA	Tx1 Main AMM8P-700006	Aux 1.29dBi (V)
			Tx2 Aux AMM8P-700006	
15	Auden	PIFA	Tx1 220143-09	Tx2 2.12dBi (V)
			Tx2 220143-09	
16	Foxconn	PIFA	Tx1: WDAN-DQZM1001-DF	Tx1 1.67dBi (H)
			Tx2: WDAN-DQZM1001-DF	
17	Yageo	PIFA	Tx1 CAN4313880012501B	Tx1 1.12dBi (V)
			Tx2 CAN4313880012501B	
18	Tyco	PIFA	Tx1 2023685-1	Tx1 2.08dBi (H)
			Tx2 2023684-1	
19	Tyco	PIFA	Tx1 2023685-1	Tx1 2.36dBi (H)
			Tx2 2023684-1	
20	Smart Approach	PIFA	Tx1: PE-080050-B (Main)	Tx1 0.80dBi (V)
			Tx2: PE-080060-B (Aux)	
21	Smart Approach	PIFA	Tx1: PE-080050-B (Main)	Tx1 1.12dBi (H)
			Tx2: PE-080060-B (Aux)	
22	Foxconn	PIFA	Main CAR-ATR-239-001	Main/Aux 1dBi (H)
			Aux CAR-ATR-240-001	
23	Tyco	PIFA	Tx1 (Main) 2023721-1	Tx1 0.17dBi (H)
			Tx2 (Aux) 2023720-1	

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24	Amphenol	PIFA	Tx1 FL1412-11-004-R	Tx1 1.03dBi (H)
			Tx2 FL1412-11-006-R	
25	Amphenol	PIFA	Tx1 IV1634-11-003	Tx2 0.25dBi (H)
			Tx2 IV1634-11-004	
26	WNC	PIFA	Main 81.EDG15.G74	Main 0.13dBi (H)
			Aux 81.EDG15.G75	
27	Hon Hai Precision	PIFA	Tx1 WDAN-HQUT5001-DF	Tx1 1.5dBi (V)
			Tx2 WDAN-HQUT5001-DF	
28	WNC	PIFA	Main 81.EGK15.001	Aux 2.50dBi (H)
			Aux 81.EGK15.002	
29	Hon Hai Precision	PIFA	Tx1 WDAN-HQUT3001-DF	Tx2 1.4dBi (V)
			Tx2 WDAN-HQUT3001-DF	
30	WNC	PIFA	Main DC33000IQ60	Aux 1.1dBi(H)
			Aux DC33000 IQ70	
31	WNC	PIFA	Main DC33000IQ80	Aux 1.17dBi(H)
			Aux DC33000 IQ90	
32	WNC	PIFA	Main 6036B0029901	Main 1.13dBi(H)
			Aux 6036B0029801	
33	WNC	PIFA	Main 6036B0029901	Main 1.47dBi(H)
			Aux 6036B0029801	
34	Yageo	PIFA	Tx1 6036B0035001	Tx1 1.73dBi(V)
			Tx2 6036B0034801	
35	Yageo	PIFA	Tx1 6036B0035001	Tx1 2.91dBi(V)
			Tx2 6036B0034801	
36	Amphenol	PIFA	Main WT1620-11-002-R	Aux 1.82dBi(V)
			Aux WT1620-11-001-R	
37	Tyco	PIFA	Main 2023806-1	Aux 0.44dBi(H)
			Aux 2023807-1	
38	Yageo	PIFA	Main CAN4313873012501B	Aux 1.79dBi(H)
			Aux CAN4313718012501B	
39	WNC	PIFA	Main 81.EJU15.G06	Main 0.35dBi(H)
			Aux 81.EJU15.G07	
40	Tyco	PIFA	Tx1 Antenna: 2023775-1	Tx1 0.98dBi(H)
			Tx2 Antenna: 2023776-1	
41	Yageo	PIFA	Tx1 CAN4313887032501B	Tx1 1.34dBi(H)
			Tx2 CAN4313887042501B	
42	Smart Approach	PIFA	Main PE-AB0390	Aux 1.29dBi(V)
			Aux PE-AB0390	
43	Acon	PIFA	Main APM6P-700041	Main 1.44dBi(V)
			Aux APM6P-700041	

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11、本公司於九十八年六月十日同意增列下列83組天線，其相關資訊如下表所示：

No	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
1	Acon	PIFA	Main: APP6P-700284	Main 0.19dBi(V)
			Aux: APP6P-700284	
2	Smart Approach	PIFA	Main: PE-AB0540	Main 1.28dBi(H/V)
			Aux: PE-AB0540	
3	Foxconn	PIFA	Main:WDAN-DQAM3001-DF	Aux 0.78dBi(V)
			Aux: WDAN-DQAM3001-DF	
4	Acon	PIFA	Main:AMM8P-700007	Main 2.78dBi(V)
			Aux: AMM8P-700007	
5	Acon	PIFA	Main: APP6P-700263	Aux 2.70dBi(V)
			Aux: APP6P-700263	
6	Smart Approach	PIFA	Main:PE-080120	Aux 2dBi(H)
			Aux: PE-080120	
7	Acon	PIFA	Tx1: APP6P-700285(Main)	Tx2 -0.13dBi(V)
			Tx2: APP6P-700285(Aux)	
8	Smart Approach	PIFA	Tx1: PE-AB0550(Main)	Tx2 1.55dBi(V)
			Tx2: PE-AB0550(Aux)	
9	Acon	PIFA	Main: APP8P-700077	Aux 0.67dBi(H)
			Aux: APP8P-700077	
10	WNC	PIFA	Main: 81.EK815.G01	Main 2.86dBi(H)
			Aux: 81.EK815.G01	
11	Acon	PIFA	Tx1: AMM8P-700008	Tx1 1.88dBi(V)
			Tx2: AMM8P-700008	
12	Foxconn	PIFA	Tx1:WDAN-DQVM8G01-DF	Tx1 0.01dBi(H)
			Tx2:WDAN-DQVM8G01-DF	
13	Smart Approach	PIFA	Tx1: PE-230180	Aux -1.39dBi(V)
			Tx2: PE-230180	
14	Yageo	PIFA	Tx1:CAN4313940012701B	Tx1 -0.28dBi(H)
			Tx2:CAN4313940012701B	
15	Quanta	PIFA	Main: AN090-A	Tx2 0.1dBi(V)
			Aux: AN090-B	
16	Acon	PIFA	Tx1: AMM8P-700009	Tx1 0.25dBi(v)
			Tx2: AMM8P-700009	

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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	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
17	Foxconn	PIFA	Tx1: WDAN-DQVM9M01-DF	Tx1 1.46dBi(H)
			Tx2: WDAN-DQVM9M01-DF	
18	Smart Ant	PIFA	Tx1: PE-230170	Tx1 -0.41dBi(H)
			Tx2: PE-230170	
19	Yageo	PIFA	Tx1: CAN4313941012701B	Tx1 0.78dBi(V)
			Tx2: CAN4313941012701B	
20	Quanta	PIFA	Main: AN090-A	Tx1 0.9dBi(H)
			Aux: AN090-B	
21	WNC	PIFA	Main: 81XCAE15.G03	Aux 1.54dBi(V)
			Aux: 81XCAE15.G04	
22	Acon	PIFA	Main: AMP6P-700045	Main 2.66dBi(V)
			Aux: AMP6P-700046	
23	Smart Approach Co.,Ltd.	PIFA	Tx1: PE-080250	Tx2 -0.15dBi(H)
			Tx2: PE-080260	
24	Yageo	PIFA	Tx1: CAN4313887022501B	Tx2 0.31dBi(V)
			Tx2: CAN4313887012501B	
25	Amphenol	IFA	Tx1: QT5048-11-003-R	Tx2 2.3dBi(V)
			Tx2: QT5048-11-003-R	
26	Amphenol	IFA	Tx1: QT5048-11-001-R	Tx2 0.83dB(V)
			Tx2: QT5048-11-002-R	
27	Yageo	PIFA	Tx1: CAN4313980032501B	Tx2 1.26dBi(H)
			Tx2: CAN4313980032501B	
28	Yageo	PIFA	Tx1: CAN4313980012501B	Tx1 1.41dBi(H)
			Tx2: CAN4313980022501B	
29	ACON	PIFA	Tx1: AMP8P-700120	Tx1 1.96dBi(H)
			Tx2: AMP8P-700120	
30	ACON	PIFA	Tx1: AMP8P-700118	Tx1 1.49dBi(H)
			Tx2: AMP8P-700119	
31	Smart Approach Co.,Ltd.	PIFA	Tx1: SE-006E0-EQUM1-A	Tx1 2.61dBi(H)
			Tx2: SE-006E0-EQUM1-B	
32	Smart Approach Co.,Ltd.	PIFA	Tx1: SE-006A0-EQUM1	Tx2 2.40dBi(V)
			Tx2: SE-006B0-EQUM1	
33	Amphenol	IFA	Tx1: QT5049-11-003-R	Tx2 2.3dBi(V)
			Tx2: QT5049-11-003-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	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
34	ACON	PIFA	Tx1:AMP8P-700111	Tx2 2.81dBi(V)
			Tx2:AMP8P-700112	
35	Yageo	PIFA	Tx1:CAN4313981012501B	Tx2 2.32dBi(V)
			Tx2:CAN4313981022501B	
36	Yageo	PIFA	Tx1:CAN4313981032501B	Tx2 2.04dBi(V)
			Tx2:CAN4313981032501B	
37	Smart Approach Co.,Ltd.	PIFA	Tx1:SE-007E0-EQUM2	Tx1 2.57dBi(H)
			Tx2:SE-007E0-EQUM2	
38	Smart Approach Co.,Ltd.	PIFA	Tx1:SE-007A0-EQUM2	Tx2 1.14dBi(V)
			Tx2:SE-007B0-EQUM2	
39	Smart-Approach Co., Ltd	PIFA	Main:SE-011BD-ECT20	Aux 2.67dBi(V)
			Aux:SE-011BD-ECT20	
40	ACON	PIFA	Main: AMP8P-7000114	Tx2 1.68dBi(H)
			Aux: AMP8P-7000113	
41	Yageo	PIFA	Main:CAN4313950042501B	Tx1 0.49dBi(V)
			Aux: CAN4313950042501B	
42	ACON	PIFA	Tx1: AMP8P-700095	Tx2 -0.24dBi(V)
			Tx2: AMP8P-700095	
43	Amphenol	PIFA	Tx1:RB0513-11-004-R	Tx1 -0.42dBi(H)
			Tx2:RB0513-11-003-R	
44	Smart Approach Co.,Ltd.	PIFA	Tx1:PE-080190 (Main)	Tx1 -0.19dBi(H)
			Tx2: PE-080190 (Aux)	
45	Smart-Approach Co., Ltd	PIFA	Main: SE-003B0-EQRM5	Main 2.60dBi(H)
			Aux: SE-003B0-EQRM5	
46	ACON	PIFA	Main: APP6P-700096	Aux 1.94dBi(H)
			Aux: APP6P-700096	
47	Auden Techno Corp.	PIFA	Tx1: 3UUT5AATP0	Tx1 1.6dBi(V)
			Tx2: 3UUT5AATP0	
48	Wistron NeWeb Corporation.	PIFA	Tx1: 9E.EGJ15.004	Tx1 1.5dBi(V)
			Tx2: 9E.EGJ15.004	
49	Auden Techno Corp.	PIFA	Tx1: 3UUT3AATP0	Tx1 1.6dBi(V)
			Tx2: 3UUT3AATP0	

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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	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
50	Auden Techno Corp.	PIFA	3UUT5AATP0	Tx1 0.4dBi(V)
			3UUT5AATP0	
51	Wistron NeWeb Corporation.	PIFA	9E.EGJ15.004	Tx1 1.5dBi(H)
			9E.EGJ15.004	
52	Auden Techno Corp.	PIFA	3UUT3AATP0	Tx1 1.5dBi(V)
			3UUT3AATP0	
53	Wistron NeWeb Corporation.	PIFA	9E.EGJ15.002	Tx1 1.1dBi(V)
			9E.EGJ15.002	
54	Wistron NeWeb Corporation.	PIFA	Main :6036B0051401	Aux 2.36dBi(H)
			Aux :6036B0051501	
55	Wistron NeWeb Corporation.	PIFA	Main:6036B0051601	Main 0.88dBi(H)
			Aux: 6036B0051701	
56	Wistron NeWeb Corporation.	PIFA	Main: 6036B0052001	Aux 1.33dBi(V)
			Aux: 6036B0052101	
57	Yageo	PIFA	Main:6036B0050701	Tx1 2.29dBi(H)
			Aux: 6036B0050601	
58	Yageo	PIFA	Main:6036B0050901	Tx1 2.89dBi(V)
			Aux:6036B0050801	
59	Yageo	PIFA	Tx1:6036B0051301	Tx2 2.78dBi(V)
			Tx2:6036B0051201	
60	WNC	PIFA	Main:81.EK515.G01	Main -1.06dBi(H)
			Aux:81.EK515.G01	
61	Tyco	PIFA	Main 2023797-1	Main 1.56dBi(H)
			Aux: 2023797-1	
62	Whayu	PIFA	Tx1: DQ652017400(C680-520174-A)	TX2 1.10dBi(V)
			Tx2: DQ652017400(C680-520174-A)	
63	Whayu	PIFA	Tx1: DQ652017400(C680-520174-A)	TX2 1.07dBi(V)
			Tx2: DQ652017400(C680-520174-A)	
64	Smart Ant	PIFA	Main: PE-240250	Aux -0.17dBi(V)
			Aux: PE-240250	
65	Smart Ant	PIFA	Main: PE-240260	Aux -0.17dBi(V)
			Aux: PE-240260	
66	Acon	PIFA/Monopole	Main: 25.90867.001	Main 0.59dBi(H)
			Aux: 25.90868.001	

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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	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
67	Foxlink	PIFA	Main: 25.90865.001	Main 0.21dBi(H)
			Aux: 25.90866.001	
68	Acon	PIFA/Monopole	Main: 25.90872.001	Main 1.25dBi(V)
			Aux: 25.90871.001	
69	Foxlink	PIFA	Main: 25.90869.001	Main 2.09dBi(V)
			Aux: 25.90870.001	
70	SmartApproach	PIFA	Main: PE-AB0450	Aux 0.15dBi(V)
			Aux: PE-AB0450	
71	Yageo	PIFA	Tx1: CAN4313886022501B	TX2 0.08dBi(V)
			Tx2: CAN4313886022501B	
72	SmartApproach	PIFA	Main: PE-AB0480	Aux 2.50dBi(V)
			Aux: PE-AB0480	
73	Yageo	PIFA	Tx1: CAN4313891022501B	TX2 1.50dBi(V)
			Tx2: CAN4313891022501B	
74	Acon	IFA	Main: 25.90743.001	Main 0.82dBi(V)
			Aux: 25.90744.001	
75	ShangHai Amphenol	IFA	Main: 25.90632.001	Aux 1.46dBi(H)
			Aux: 25.90633.001	
76	Quanta	PIFA	Tx1: DQ6LL100100	Tx1 -0.9dBi(V)
			Tx2: DQ6LL100200	
77	Quanta	PIFA	Tx1: LE9	Tx1 -0.9dBi(V)
			Tx2: LE9	
78	Quanta	PIFA	Tx1: LE8	Tx1 0dBi(H)
			Tx2: LE8	
79	Smart-Approach Co., Ltd	PIFA	Main: PE-AB0530	Aux -3.54dBi(V)
			Aux: PE-AB0520	
80	ACON	PIFA	Tx1: AMP8P-700121	Tx2 2.97dBi(V)
			Tx2: AMP8P-700121	
81	Wistron Neweb Corp.	PIFA	Main :81.EKA15.G01+D123	Aux -0.94dBi(V)
			Aux: 81.EKA15.G01	
82	Smart-Approach Co., Ltd	PIFA	PE-11000C(Main)	Aux 1.75dBi(H)
			PE-11000C(Aux)	
83	ACON	PIFA	APP8P-700087	Tx2 0.96dBi(H)
			APP8P-700087	

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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

12、本公司於九十八年七月二十七日同意增列下列27組天線，其相關資訊如下表所示：

No	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
1	WNC	PIFA	Main: 81.EKE15.G07	Aux 0.87dBi (H)
			Aux: 81.EKE15.G08	
2	WNC	PIFA	Main: 81.EKE15.G05	Main 1.91dBi (H)
			Aux: 81.EKE15.G06	
3	Yageo	PIFA	TX1: CAN4313983042701B	TX1 2.97dBi (V)
			TX2: CAN4313983032701B	
4	Yageo	PIFA	TX1: CAN4313983022501B	TX1 0.62dBi (V)
			TX2: CAN4313983012501B	
5	Yageo	PIFA	TX1: CAN4313989042701B	TX2 -0.52dBi (V)
			TX2: CAN4313989032701B	
6	Yageo	PIFA	TX1: CAN4313989022501B	TX1 -0.61dBi (V)
			TX2: CAN4313989012501B	
7	WNC	PIFA	Main: 81.EKE15.G03	Main 1.41dBi (H)
			Aux: 81.EKE15.G04	
8	WNC	PIFA	Main: 81.EKE15.G01	Main 1.56dBi (H)
			Aux: 81.EKE15.G02	
9	Quanta	PIFA	TX1: LL2ANT00100	TX1 0.4dBi (V)
			TX2: LL2ANT00200	
10	Smart Approach Co. Ltd.	PIFA	TX1: SE-012AC-ECW20	TX1 -0.39 (H)
			TX2: SE-012BD-ECW20	
11	Smart Approach Co. Ltd.	PIFA	TX1: SE-012A0-ECW20	TX1 -1.25 (H)
			TX2: SE-012B0-ECW20	
12	Yageo	PIFA	TX1: CAN4313990032501B	TX2 -0.40dBi (V)
			TX2: CAN4313990042501B	
13	Yageo	PIFA	TX1: CAN4313990012501B	TX2 -0.53dBi (V)
			TX2: CAN4313990022501B	
14	WNC	PIFA	Main: 81.EJS15.002	Aux 1.46dBi (H)
			Aux: 81.EJS15.002	
15	WNC	PIFA	Main: 81.EJS15.007	Main 1.26dBi (H)
			Aux: 81.EJS15.007	
16	WNC	PIFA	Main: 81.EJS15.008	Main 1.26dBi (H)
			Aux: 81.EJS15.008	

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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	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
17	WNC	PIFA	Main: 81.EJS15.001	Aux 1.46dBi (H)
			Aux: 81.EJS15.001	
18	Yageo	PIFA	TX1: CAN4313813022501B	TX1 1.96dBi (H)
			TX2: CAN4313813022501B	
19	Yageo	PIFA	TX1: CAN4313813012501B	TX1 1.96dBi (H)
			TX2: CAN4313813012501B	
20	Yageo	PIFA	TX1: CAN4313801022701B	TX1 1.96dBi (H)
			TX2: CAN4313801022701B	
21	Yageo	PIFA	TX1: CAN4313801032501B	TX1 1.96dBi (H)
			TX2: CAN4313801032501B	
22	Yageo	PIFA	TX1: CAN4313956022501B	TX1 -0.71dBi (V)
			TX2: CAN4313956022501B	
23	Tyco	PIFA	Main: 2023732-1	Main -0.02dBi (H+V)
			Aux: 2023732-1	
24	Yageo	PIFA	TX1: CAN4313961012501B	TX2 1.48dBi (H)
			TX2: CAN4313961032501B	
25	Yageo	PIFA	TX1: CAN4313961012501B	TX2 1.48dBi (H)
			TX2: CAN4313961022501B	
26	Smart Approach Co. Ltd.	PIFA	TX1: SE-005B0-ECUC0	TX2 -1.15dBi (H)
			TX2: SE-005AA-ECUC0	
27	Smart Approach Co. Ltd.	PIFA	TX1: SE-005B0-ECUC0	TX2 0.15dBi (H)
			TX2: SE-005A0-ECUC0	

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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

13、本公司於九十八年九月十日同意增列下列37組天線，其廠牌及型號等資料如下：

No	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
1	Yageo	PIFA	TX1: CAN4313986012501B	TX1: -0.70dBi (H)
			TX2: CAN4313986022501B	
2	Tyco	PIFA	TX1: 1513926-1	TX2: 2.76dBi (H)
			TX2: 1513926-1	
3	Acon	PIFA	APP8P-700061 (Main)	Main 2.06dBi(V)
			APP8P-700061 (Aux)	
4	WNC	PIFA	81.EG615.006 (Main)	Aux 0.05dBi(V)
			81.EG615.006 (Aux)	
5	Yageo	PIFA	TX1: CAN4313950012501B	TX2: -0.06dBi (V)
			TX2: CAN4313950012501B	
6	WNC	PIFA	81XCAE15.G05 (main)	Main -0.10dBi (V)
			81XCAE15.G05 (Aux)	
7	Advanced-Connectek	PIFA	Main: AMP8P-700109	Aux 1.67dBi (H)
			Aux: AMP8P-700110	
8	ACON	PIFA	TX1: APP6P-700338 (WLAN Main)	TX2: 1.12dBi (H)
			TX2: APP6P-700338 (WLAN Aux)	
9	Samrt Approach	PIFA	TX1: SE-028B0-EQRM6-A (WLAN Main)	TX1: 1.68dBi (H)
			TX2: SE-028B0-EQRM6-B (WLAN Aux)	
10	ACON	PIFA	TX1: APP8P-700076	TX2: 2.72dBi (V)
			TX2: APP8P-700075	
11	Yageo	PIFA	TX1: CAN4313881012501B	TX1: 2.41dBi (V)
			TX2: CAN4313881022501B	
12	Quanta	PIFA	TX1: DQ60QTUM100	TX1: 2dBi (V)
			TX2: DQ60QTUM100	
13	Yageo	PIFA	TX1: CAN4313973012501B	TX2: 1.63dBi (V)
			TX2: CAN4313973022501B	
14	Amphenol	PIFA	TX1: RB5018-11-001-R	TX2: 1.68dBi (V)
			TX2: RB5018-11-002-R	
15	ACON	PIFA	TX1: AMP8P-700129	TX1: 2.51dBi (V)
			TX2: AMP8P-700129	
16	WNC	PIFA	TX1: 81.EKR15.G06	TX1: -0.77dBi (H)
			TX2: 81.EKR15.G06	

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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	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
17	Amotech	PIFA	TX 1: AMNA-CB3-CP001	TX1 1.32dBi (V)
			TX2: AMNA-CB3-CP001	
18	Galtronics	PIFA	06-7018-03 (MAIN)	TX1: 1.23dBi (V)
			06-7031-03 (AUX)	
19	Tyco	PIFA	TX1: 556016-1	TX1: -0.89dBi (H)
			TX2: 556016-1	
20	Quanta	PIFA	TX1: DQ60QTUM200	TX2: 0.81dBi (v)
			TX2: DQ60QTUM200	
21	ACON	PIFA	TX1: AMP8P-700126	TX2: 2.14dBi (H)
			TX2: AMP8P-700126	
22	Smart Approach	PIFA	TX1: SE-031BC-EQUM6	TX1: 2.35dBi (V)
			TX2: SE-031BC-EQUM6	
23	Auden	PIFA	TX1: 220190-09	TX2: 2.44dBi (V)
			TX2: 220190-09	
24	Yageo	PIFA	TX1: CAN4313974012501B	TX2: 2.22dBi (V)
			TX2: CAN4313974012501B	
25	Tyco	PIFA	TX1: 1513926-1	3.2dBi (V)
26	WNC	PIFA	TX1: 81.EKJ15.G01	TX1: -2.11dBi (H)
			TX2: 81.EKJ15.G02	
27	Smart Approach	PIFA	TX1: SE-024A0-ECM10	TX2: 0.58dBi (H)
			TX2: SE-024B0-ECM10	
28	WNC	PIFA	TX1: 81.EKJ15.G07	TX2: -1.15dBi (H)
			TX2: 81.EKJ15.G07	
29	Smart Approach	PIFA	TX1: SE-024C0-ECM10	TX1: 1.2dBi (H)
			TX2: SE-024C0-ECM10	
30	WNC	PIFA	TX1: 81.EKJ15.G05	TX2: -1.79dBi (H)
			TX2: 81.EKJ15.G05	
31	Smart Approach	PIFA	TX1: SE-024BC-ECM10	TX1: 0.89dBi (V)
			TX2: SE-024BC-ECM10	
32	Tyco	PIFA	TX1: TBN007	TX1: 1.98dBi (H)
			TX2: TBN007	

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低功率射頻電機型式認證證明

No	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
33	WNC	PIFA	TX1: 81.EKA15.G01	TX1: -1.13dBi (H)
			TX2: 81.EKA15.G01	
34	WNC	PIFA	81.EJT15.GAQ	-2.01 (V)
			81.EJT15.GAQ	
35	Auden	PIFA	TX1: 220225-09	TX2: 0.59dBi (V)
			TX2: 220226-09	
36	Tyco	PIFA	TX1: 1556054-1	TX1: 0.79dBi (V)
			TX2: 1556053-1	
37	Yageo	PIFA	TX1: CAN 43139LWIN00061	TX1: 1.54dBi (V)
			TX2: CAN 43139COIN00062	

14、本公司於九十八年十二月十一日同意增列下列66組天線，其相關資訊如下表所示：

No	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
1.	Quanta	PIFA	DQ60QTLL300	TX2 -0.8 dBi (H)
			DQ60QTLL301	
2.	Quanta	PIFA	DQ60QTLL500	TX2 -0.1 dBi (V)
			DQ60QTLL501	
3.	WNC (WLAN)	PIFA	81.EKG15.G04	1.42 dBi (Main, H)
			81.EKG15.G05	
4.	WNC (WLAN + WiMax)	PIFA	81.EKG15.G01	1.41 dBi (Main, H)
			81.EKG15.G02	
5.	Yageo (WLAN Combo)	PIFA	CAN43139COCO00481	1.27 dBi (TX1, V)
			CAN43139COCO00483	
6.	Yageo (WLAN)	PIFA	CAN43139WLCO00484	1.94 dBi (TX1, V)
			CAN43139WLCO00485	
7.	Smart Approach Co. (WLAN)	PIFA	SE-035F0-ECWE2	1.85 dBi (Main, V)
			SE-035C0-ECWE2	
8.	Smart Approach Co. (WLAN combo)	PIFA	SE-035B0-ECWE2	1.85 dBi (Main, V)
			SE-035A0-ECWE2	

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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	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
9.	WNC (WLAN)	PIFA	81.EKE15.G11	1.84 dBi (Main, H)
			81.EKE15.G112	
10.	WNC (WLAN + WiMax)	PIFA	81.EKG15.G07	1.97 dBi (Aux, H)
			81.EKG15.G06	
11.	Smart Approach	PIFA	TX1: SE-03000-ECL80	TX1: 2.31dBi (V)
			TX2: SE-03000-ECL80	
12.	Yageo	PIFA	TX1: CAN43139WLCO00111	TX2: 1.93dBi (V)
			TX2: CAN43139WLCO00111	
13.	Amphenol	PIFA	Tx1: MI5084-11-001-R	TX1: 1.89dBi (H)
			Tx2: MI5084-11-002-R	
14.	Tyco	PIFA	TX1: 1556090-1	TX1: 1.97dBi (V)
			TX2: 1556091-1	
15.	Amphenol	PIFA	Tx1:MI5085-11-001-R	TX1: 2.68dBi(H)
			Tx2:MI5085-11-002-R	
16.	Amphenol	PIFA	Tx1:MI5085-11-001-R	TX1: 2.73dBi(H)
			Tx2:MI5085-11-002-R	
17.	Auden	PIFA	TX1: 220225-09	TX2: 0.77dBi (V)
			TX2: 220226-09	
18.	Yageo	PIFA	Main: CAN 43139LWIN00061	TX1: 1.54dBi (V)
			Aux: CAN 43139COIN00062	
19.	ACON	PIFA	TX1 (main): AMM8P-700015	Main 1.11dBi (H)
			TX2 (aux): AMM8P-700014	
20.	Smart Approach	PIFA	TX1: SE-033D0-ECP00	TX2: 0.71dBi (H)
			TX2: SE-033C0-ECP00	
21.	Yageo	PIFA	TX1: B2725050G00002	TX1, TX2: 1.55dBi (V)
			TX2: B2725050G00002	
22.	ACON	PIFA	TX1: AMP8P-700133	TX2: 1.11dBi (V)
			TX2: AMP8P-700133	
23.	Smart Approach	PIFA	TX1: SE-039C0-EQUM5-A (WLAN Main)	TX1: 1.63dBi (V)
			TX2: SE-039C0-EQUM5-B (WLAN Aux)	
24.	Smart Approach	PIFA	TX1: SE-037B0-EWW30	TX2: 2.52dBi (V)
			TX2: SE-037A0-EWW30	

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低功率射頻電機型式認證證明

No	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
25.	Yageo	PIFA	TX1: Main-CAN43139IWWI00932	TX1: 2.08dBi (H)
			TX2: Aux-CAN43139COWI00931	
26.	Smart Approach	PIFA	TX1: Main-SE-036A0-EWW40	TX2: 1.34dBi (H)
			TX2: Aux-SE-036B0-EWW40	
27.	Tyco	PIFA	TX1: 1556098-1	TX2: -2.02dBi (H)
			TX2: 1556099-1	
28.	Yageo	PIFA	TX1: Main-CAN43139COWI00951	TX1: 0.71dBi (V)
			TX2: Aux-CAN43139COWI00952	
29.	Smart Approach	PIFA	TX1: Main-SE-038A0-EWW50	TX1: 1.94dBi (H)
			TX2: Aux-SE-038B0-EWW50	
30.	Tyco	PIFA	TX1: 1556100-1	TX2: -2.32dBi (V)
			TX2: 1556101-1	
31.	Yageo	PIFA	TX1: Main-CAN43139COWI00961	TX2: 1.66dBi (H)
			TX2: Aux-CAN43139COWI00962	
32.	Smart Approach	PIFA	TX1: Main-SE-040A0-EWW70	TX2: 1.85dBi (V)
			TX2: Aux-SE-040A0-EWW70	
33.	Yageo	PIFA	TX1: Main-CAN43139IWI00941	TX2: 2.49dBi (V)
			TX2: Aux-CAN43139IWI00941	
34.	Auden	PIFA	TX1: 220202-09	TX1: 1.22dBi (V)
			TX2: 220201-09	
35.	Smart Approach	PIFA	TX1: SE-014B0-ECL20	TX1: 1.21dBi (H)
			TX2: SE-014A0-ECL20	
36.	Smart Approach	PIFA	TX1: SE-01800-ECL00	TX1: 0.67dBi (V)
			TX2: SE-01800-ECL00	
37.	Yageo	PIFA	TX1: CAN4313998012501B	TX2: 1.30dBi (V)
			TX2: CAN4313998012501B	
38.	Smart Approach	PIFA	TX1: SE-01700-ECL10	TX2: 0.24dBi (V)
			TX2: SE-01700-ECL10	
39.	Yageo	PIFA	TX1: CAN4313998022501B	TX2: 1.80dBi (V)
			TX2: CAN4313998022501B	
40.	Yageo	PIFA	DQ643139W00	TX1 2.89dBi i(V)
			DQ643139W00	

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低功率射頻電機型式認證證明

No	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
41.	WNC	PIFA	Main: 81.EGG15.G12	Aux: 1.62dBi (H)
			Aux: 81.EGG15.G13	
42.	Yageo	PIFA	TX1: CAN43139WLIN00081	TX2: 1.58dBi (V)
			TX2: CAN43139WLIN00082	
43.	WNC	PIFA	Main: 25.90946.001 / T-000077-01	Aux 0.80dBi (H)
			Aux: 25.90947.001 / T-000078-01	
44.	Amphenol	PIFA	Main: HPMH-B2695050G00007	TX2: 1.22dBi (H)
			Aux: HPMH-B2695050G00008	
45.	WNC	PIFA	Main: MPMH-B2695050G00011	TX1: -1.66dBi (H, V)
			Aux: MPMH-B2695050G00012	
46.	Ethertronics	PIFA	DQ600004200	TX1: -2.62dBi (V)
47.	WNC	PIFA	DQ6X15G0100	TX1: 0.34dBi (V)
48.	WNC	PIFA	Main: MPMH-B2695050G00011	Aux: -0.03dBi (H)
			Aux: MPMH-B2695050G00012	
49.	Quanta	PIFA	TX1: 35AX8AATP10	TX1: -0.1dBi (V)
			TX2: 35AX8AATP10	
50.	Quanta	PIFA	TX1: 3NUT8AATP10	TX1: 1.5dBi (H)
			TX2: 3NUT8AATP10	
51.	Quanta	PIFA	TX1: DQ622016700	TX1: 0.2dBi (V)
			TX2: DQ622016700	
52.	WNC	PIFA	Main: 81.EGK15.006	TX1: 2.99dBi (H)
			Aux: 81.EGK15.007	
53.	Foxconn	PIFA	TX1: DC33000F340	TX2: 2.34dBi (H)
			TX2: DC33000F350	
54.	Foxconn	PIFA	TX1: DC33000F360	TX1: 1.21dBi(H)
			TX2: DC33000F370	
55.	WNC	PIFA	Main: DC33000E810	Aux: 1.33dBi (H)
			Aux: DC33000E810	
56.	WNC	PIFA	Main: DC33000FZ30	Aux: -0.93dBi (H)
			Aux: DC33000FZ30	

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低功率射頻電機型式認證證明

No	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
57.	WNC	PIFA	Main: DC33000E800	Aux: -0.20dBi (H)
			Aux: DC33000E800	
58.	WNC	PIFA	Main: DC33000FZ20	Aux: -0.79dBi (H)
			Aux: DC33000FZ20	
59.	Foxconn	PIFA	TX1: DC33000F330	TX1: 2.86dBi (H)
			TX2: DC33000F330	
60.	Foxconn	PIFA	TX1: DC33000F320	TX2: 2.60dBi (H)
			TX2: DC33000F320	
61.	Quanta	PIFA	TX1: 35AX6AATP10	TX1: 0.7dBi (V)
			TX2: 35AX6AATP10	
62.	Hon Hai	PIFA	TX1: WDAN-HQUT3001-DF	TX2: 1.4dBi (V)
			TX2: WDAN-HQUT3001-DF	
63.	WNC	PIFA	TX1: 9E.EGJ15.002	TX1: 1.7dBi (V)
			TX2: 9E.EGJ15.002	
64.	Quanta	PIFA	TX1: 3UUT3AATP10	TX1: 1.7dBi (H)
			TX2: 3UUT3AATP10	
65.	Quanta	PIFA	TX1: 35AX1AATP10	TX1: 2.0dBi (V)
			TX2: 35AX1AATP10	
66.	WNC	PIFA	Main: DC33000E820	Aux: 2.68dBi (H)
			Aux: DC33000E830	

15、本公司於九十九年三月十日同意增列下列151組天線，其相關資訊如下表所示：

No	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
1	Yageo	PIFA	Main CAN 43139LWIN00061	Aux 1.20 [V]
			Aux CAN 43139COIN00062	
2	Yageo	PIFA	Main CAN4313998042501B	Aux 1.06 [V]
			Aux CAN4313998042501B	
3	Foxconn	PIFA	Main WDAN-DCNCL003-1F	Main -0.21 [H]
			Aux WDAN-DCNCL003-1F	
4	Foxconn	PIFA	Main WDAN-DCNCL001-1F	Main -1.98 [V]
			Aux WDAN-DCNCL001-1F	
5	Smart Approach Co., Ltd	PIFA	Main SE-01700-ECL00	Aux 2.78 [H]
			Aux SE-01700-ECL00	

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低功率射頻電機型式認證證明

No	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
6	Ethertronics Inc.	PIFA	Main 6036B0067603 / T-000094-01	Main 0.31 [H]
			Aux 6036B0067403 / T-000095-01	
7	Amphenol Taiwan Corporation	PIFA	Main QT5114-15-002-C	Aux 0.24 [H]
			Aux QT5114-15-003-C	
8	Quanta Computer Inc	PIFA	Main DQ6PLP10H00	Main .3 [V]
			Aux DQ6PLP10H00	
9	Quanta Computer Inc	PIFA	Main DQ643139000	Main 2.0 [V]
			Aux DQ643139000	
10	Yageo	PIFA	Main 25.91231.011	Aux 0.23 [V]
			Aux 25.91231.001	
11	WNC	PIFA	Main 25.91231.041	Main -0.78 [V]
			Aux 25.91231.031	
12	Quanta Computer Inc	PIFA	Main 37LX6AATP00	Main 1.8 [V]
			Aux 37LX6AATP00	
13	Quanta Computer Inc	PIFA	Main 37LX7AATP00	Aux 1.7 [V]
			Aux 37LX7AATP00	
14	Wistron Neweb Corp	PIFA	Main 81.EKT15.G01 (79010C200-GGC-G)	Main 1.83 [H]
			Aux 81.EKT15.G02 (79010C300-GGC-G)	
15	Yageo	PIFA	Main 79010C500-011-G	Main .95 [V]
			Aux 79010C400-011-G	
16	Wistron Neweb Corp	PIFA	Main WNC004	Main 2.40 [H]
			Aux WNC004	
17	Wistron Neweb Corp	PIFA	Main WNC003	Main .35 [H]
			Aux WNC003	
18	TYCO	PIFA	Main TBN008	Main 0.47 [H]
			Aux TBN008	
19	Kim Well Electronics Co., Ltd	PIFA	Main R017010R	Aux 1.90
			Aux R017011R	
20	WNC	PIFA	Main 81XCAE15.G20	Aux 2.13 [H]
			Aux 81XCAE15.G21	
21	Smart Approach Co., Ltd	PIFA	Main PE-240250	Aux 1.09 [H]
			Aux PE-240250	

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低功率射頻電機型式認證證明

No	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
22	Quanta Computer Inc	PIFA	Main DQ652017400	Aux 2.95 [V]
			Aux DQ652017400	
23	Wha Yu	PIFA	Main C923-520019-A	Aux 0.95 [V]
			Aux C923-520018-A	
24	Kim Well Electronics Co., Ltd	PIFA	Main R017010R	Aux 1.94
			Aux R017011R	
25	WNC	PIFA	Main 25.91252.001	Aux 1.88 [H]
			Aux 25.91251.001	
26	Yageo	PIFA	Main 25.91252.011	Main/Aux 1.17 [V]
			Aux 25.91251.011	
27	WNC	PIFA	Main 25.91018.001	Main 1.32 [H]
			Aux 25.91017.001	
28	Yageo	PIFA	Main 25.91029.011	Main -1.25 [V]
			Aux 25.91029.001	
29	Wistron Neweb Corp	PIFA	Main 81.EKA15.G01(DQ6A15G0100)	Main -1.30 [H]
			Aux 81.EKA15.G01(DQ6A15G0100)	
30	Amphenol Taiwan Corporation	PIFA	Main IV5125-11-003-C	Main 1.01 [H]
			Aux IV5125-11-004-C	
31	Amphenol Taiwan Corporation	PIFA	Main IV5124-11-003-C	Main 1.94 [H]
			Aux IV5124-11-004-C	
32	Yageo	PIFA	Main 6036B0069101	Main 2.25 [V]
			Aux 6036B0069301	
33	Wistron Neweb Corp	PIFA	Main 6036B0069001	Aux -0.70 [H]
			Aux 6036B0068901	
34	Yageo	PIFA	Main 6036B0068402	Main 1.58 [V]
			Aux 6036B0068502	
35	Wistron Neweb Corp	PIFA	Main 6036B0069201	Aux 2.02 [H]
			Aux 6036B0069401	
36	TYCO	PIFA	Main 1556120-1	Main 2.11 [V]
			Aux 1556121-1	
37	Wistron Neweb Corp	PIFA	Main 6036B0068401	Aux 1.07 [H]
			Aux 6036B0068501	

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No	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
38	Wistron Neweb Corp	PIFA	Main 6036B0068401	Aux 0.56 [V]
			Aux 6036B0068501	
39	Amphenol Taiwan Corporation	PIFA	Main IV5117-11-004-C	Main 0.99 [V]
			Aux IV5117-11-003-C	
40	Yageo	PIFA	Main 6036B0068402	Main 1.69 [V]
			Aux 6036B0068502	
41	Amphenol Taiwan Corporation	PIFA	Main IV5112-11-002-C	Aux 1.38 [V]
			Aux IV5112-11-001-C	
42	Wistron Neweb Corp	PIFA	Main 6036B0070701	Main 0.49 [V]
			Aux 6036B0070801	
43	Wistron Neweb Corp	PIFA	Main 6036B0069901	Aux -1.25 [V]
			Aux 6036B0070001	
44	Yageo	PIFA	Main DQ643139W03	Main 0.52 [V]
			Aux DQ643139W03	
45	Wistron Neweb Corp	PIFA	Main 81.EDG15.G84	Main 0.54 [H]
			Aux 81.EDG15.G84	
46	Wistron Neweb Corp	PIFA	Main 6036B0029901	Main 1.17 [H]
			Aux 6036B0029801	
47	Wistron Neweb Corp	PIFA	Main 6036B0029901	Main 2.66 [H]
			Aux 6036B0029801	
48	Wistron Neweb Corp	PIFA	Main 6036B0029901	Main 2.67 [H]
			Aux 6036B0029801	
49	Yageo	PIFA	Main 6036B0035001	Main 1.27 [V]
			Aux 6036B0034801	
50	Yageo	PIFA	Main 6036B0035001	Main 1.94 [V]
			Aux 6036B0034801	
51	Yageo	PIFA	Main 6036B0035001	Main 1.74 [V]
			Aux 6036B0034801	
52	Inno Wave	PIFA	Main P/N:66-EMRXM12	Main 1.00 [H]
			Aux P/N:66-EMRXM12	

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低功率射頻電機型式認證證明

No	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
53	Inno Wave	PIFA	Main P/N : 66-EMRXM12	Main 1.00 [H]
			Aux P/N:66-EMRXM12	
54	WNC	PIFA	Main 81.EL215	Main -2.76 [H]
			Aux WNC005	
55	Wha Yu	PIFA	Main MSA-00005A	Main -2.12 [H]
			Aux MSA-00005A	
56	Amphenol Taiwan Corporation	PIFA	Main WT5068-11-001-R	Aux 1.59 [V]
			Aux WT5068-11-002-R	
57	Auden	PIFA	Main 220288-09	Main -0.75 [V]
			Aux 220287-09	
58	Amphenol Taiwan Corporation	PIFA	Main WT5060-11-001-R	Aux -0.72 [V]
			Aux WT5060-11-002-R	
59	Yageo	PIFA	Main CAN43139WIWI00922	Aux 0.48 [H]
			Aux CAN43139LIWI00921	
60	Smart Approach Co., Ltd	PIFA	Main SE-045A0-EQUM7	Main 2.49 [H]
			Aux SE-045A0-EQUM7	
61	ACON	PIFA	Main APM8P-700013	Aux 1.87 [V]
			Aux APM8P-700013	
62	Auden	PIFA	Main 220265-09	Main -0.35 [V]
			Aux 220265-09	
63	Yageo	PIFA	Main DQ643139W24	Aux -0.93 [H]
			Aux DQ643139W24	
64	Smart Approach Co., Ltd	PIFA	Main SE-051C0-EL320	Aux 1.74 [V]
			Aux SE-051C0-EL320	
65	ACON	PIFA	Main AMP6P-700156	Main 0.85 [H]
			Aux AMP6P-700156	
66	WNC	PIFA	Main 81.EKV15.G01	Aux 2.34 [V]
			Aux 81.EKV15.G01	
67	Smart Approach Co., Ltd	PIFA	Main SE-025A0-EWDJ1	Aux 2.20 [H]
			Aux SE-025A0-EWDJ1	

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低功率射頻電機型式認證證明

No	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
68	ACON	PIFA	Main APP8P-700093	Main 2.98 [H]
			Aux APP8P-700093	
69	Quanta Computer Inc	PIFA	Main DQ60QTUM902	Main 1.61 [V]
			Aux DQ60QTUM902	
70	WNC	PIFA	Main 81.EKW15.G07	Aux 2.45 [V]
			Aux 81.EKW15.G07	
71	ACON	PIFA	Main AMP8P-700147	Aux 2.34 [V]
			Aux AMP8P-700147	
72	WNC	PIFA	Main 81.EKJ15.G05	Aux -1.79 [H]
			Aux 81.EKJ15.G05	
73	Smart Approach Co., Ltd	PIFA	Main SE-024BC-ECM10	Main 0.89 [V]
			Aux SE-024BC-ECM10	
74	Smart Approach Co., Ltd	PIFA	Main SE-024A0-ECM10	Main 1.81 [H]
			Aux SE-024B0-ECM10	
75	WNC	PIFA	Main 81.EKJ15.G01	Main -2.11 [H]
			Aux 81.EKJ15.G02	
76	WNC	PIFA	Main 81.EKJ15.G07	Aux -1.22 [H]
			Aux 81.EKJ15.G07	
77	Smart Approach Co., Ltd	PIFA	Main SE-024C0-ECM10	Main 1.38 [H]
			Aux SE-024C0-ECM10	
78	Smart Approach Co., Ltd	PIFA	Main SE-046D0-EQUM8	Main 2.16 [H]
			Aux SE-046D0-EQUM8	
79	ACON	PIFA	Main AMP8P-700142	Main 1.87 [V]
			Aux AMP8P-700142	
80	Quanta Computer Inc	PIFA	Main DQ60QTUM800	Aux 0.8 [H]
			Aux DQ60QTUM800	
81	WNC	PIFA	Main 81.EKW15.G10	Aux 1.68 [V]
			Aux 81.EKW15.G10	
82	ACON	PIFA	Main APM6P-700051	Main 2.78 [H]
			Aux APM6P-700051	

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No	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
83	Smart Approach Co., Ltd	PIFA	Main SE-029A0-ECU00	Aux -0.31 [H]
			Aux SE-029B0-ECU00	
84	Smart Approach Co., Ltd	PIFA	Main SE-050F0-ECU00	Aux -0.99 [V]
			Aux SE-050F0-ECU00	
85	Smart Approach Co., Ltd	PIFA	Main SE-05000-ECU00	Main 2.67 [V]
			Aux SE-05000-ECU00	
86	WNC	PIFA	Main 81.EKJ15.G09	Aux 1.71 [H]
			Aux 81.EKJ15.G09	
87	WNC	PIFA	Main 81.EKJ15.G08	Aux 2.74 [H]
			Aux 81.EKJ15.G08	
88	WNC	PIFA	Main 81.EKJ15.G03	Aux 2.74 [H]
			Aux 81.EKJ15.G04	
89	WNC	PIFA	Main 81.EKY15.G02	Aux 1.38 [H]
			Aux 81.EKY15.G01	
90	WNC	PIFA	Main 81.EKY15.G03	Aux 0.84 [H]
			Aux 81.EKY15.G04	
91	Yageo	PIFA	Main CAN43139LWCO01044	Aux -1.36 [V]
			Aux CAN43139LWCO01043	
92	Yageo	PIFA	Main CAN43139WLCO01041	Main -0.49 [V]
			Aux CAN43139WLCO01042	
93	ACON	PIFA	Main APP6P-700369	Main 0.75 [H]
			Aux APP6P-700368	
94	ACON	PIFA	Main APP6P-700370	Main 2.56 [V]
			Aux APP6P-700371	
95	Amphenol Taiwan Corporation	PIFA	Main RB5043-11-001-R	Aux -2.20 [H]
			Aux RB5043-11-001-R	
96	Smart Approach Co., Ltd	PIFA	Main SE-0131B0-ECL60	Aux 1.10 [V]
			Aux SE-0131B0-ECL60	
97	Amphenol Taiwan Corporation	PIFA	Main RB5043-11-001-R	Aux -0.85 [H]
			Aux RB5043-11-001-R	

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No	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
98	Smart Approach Co., Ltd	PIFA	Main SE-0131B0-ECL60	Aux 2.82 [V]
			Aux SE-0131B0-ECL60	
99	Amphenol Taiwan Corporation	PIFA	Main RB5119-11-001-C	Aux -2.20 [H]
			Aux RB5119-11-001-C	
100	Smart Approach Co., Ltd	PIFA	Main SE-013C0-ECL60	Aux 1.10 [V]
			Aux SE-013C0-ECL60	
101	Amphenol Taiwan Corporation	PIFA	Main RB5119-11-001-C	Aux -0.85 [H]
			Aux RB5119-11-001-C	
102	Smart Approach Co., Ltd	PIFA	Main SE-013C0-ECL60	Aux 2.82 [V]
			Aux SE-013C0-ECL60	
103	WNC	PIFA	Main 81.EJT15.GGW	Aux 0.77 [H]
			Aux 81.EJT15.GGW	
104	WNC	PIFA	Main 81.EJT15.GJC	Main -0.58 [V]
			Aux 81.EJT15.GJC	
105	WNC	PIFA	Main 81.EJZ15.G52	Aux -0.62 [H]
			Aux 81.EJZ15.G52	
106	WNC	PIFA	Main 81.EJZ15.G53	Main -0.78 [V]
			Aux 81.EJZ15.G53	
107	Ethertronics Inc.	PIFA	Main 5002011-1	Main 0.12 [H]
			Aux 5002012-1	
108	Ethertronics Inc.	PIFA	Main 5002015-1	Main 0.76 [H]
			Aux 5002016-1	
109	Ethertronics Inc.	PIFA	Main 5010011-1	Main -2.21 [V]
			Aux 5010012-1	
110	Ethertronics Inc.	PIFA	Main 5010015-1	Main -1.95 [H]
			Aux 5010016-1	
111	Quanta	PIFA	Main AN-070-G(R)	Main -0.7 [V]
			Aux AN-070-G(L)	
112	Quanta	PIFA	Main AN-070-G(R)	Main -0.3 [V]
			Aux AN-070-G(L)	
113	Quanta	PIFA	Main AN-120-F(R)	Aux -0.3 [H]
			Aux AN-120-F(L)	

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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	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
114	Quanta	PIFA	Main AN-120-F(R)	Main -1.8 [V]
			Aux AN-120-F(L)	
115	Tyco Electronics	PIFA	Main 1556114-1(TBN003)	Main 0.04 [V]
			Aux 1556114-1(TBN003)	
116	Tyco Electronics	PIFA	Main 1556128-1	Aux 1.01 [H]
			Aux 1556128-1	
117	Wistron Neweb Corp	PIFA	Main WNC001	Main 0.31 [H]
			Aux WNC001	
118	Tyco Electronics	PIFA	Main TBN001	Aux 0.30 [H]
			Aux TBN001	
119	WNC	PIFA	Main 81.EKJ15.G15	Main 0.46 [V]
			Aux 81.EKJ15.G15	
120	WNC	PIFA	Main 81.EKJ15.G13	Main -0.95 [H]
			Aux 81.EKJ15.G14	
121	ACON	PIFA	Main AMM8P-700016	Aux 0.41 [V]
			Aux AMM8P-700016	
122	ACON	PIFA	Main AMP6P-700178	Aux 2.87 [V]
			Aux AMP6P-700173	
123	Foxconn	PIFA	Main WDAN-TE	Aux -0.65 [V]
			Aux WDAN-TE	
124	Smart Approach Co., Ltd	PIFA	Main SE-061D0-ECLM0	Main 1.92 [H]
			Aux SE-061D0-ECLM0	
125	Smart Approach Co., Ltd	PIFA	Main SE-061B0-ECLM0	Aux -0.07 [H]
			Aux SE-061A0-ECLM0	
126	Quanta Computer Inc	PIFA	Main 37LX7AATP00	Aux 1.70 [V]
			Aux 37LX7AATP00	
127	Wistron Neweb Corp	PIFA	Main 6036B0066501	Aux 0.87 [H]
			Aux 6036B0066601	
128	Yageo	PIFA	Main 6036B0066502	Main 2.20 [V]
			Aux 6036B0066602	

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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	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
129	Wistron Neweb Corp	PIFA	Main 6036B0060701	Aux -0.27 [H]
			Aux 6036B0060801	
130	Yageo	PIFA	Main 6036B0060702	Main 1.72 [V]
			Aux 6036B0060802	
131	WNC	PIFA	Main (DC33000JV00/81.EG315.066)	Main -0.09 [V]
			Aux (DC33000JV10/81.EG315.067)	
132	Yageo	PIFA	Main CAN4313865042701B	Main 1.36 [V]
			Aux CAN4313865032701B	
133	Amphenol Taiwan Corporation	PIFA	Main RB1556-11-003-R	Main -1.55 [V]
			Aux RB1556-11-004-R	
134	WNC	PIFA	Main DC33000JT70	Main -0.48 [H]
			Aux DC33000JT80	
135	Amphenol Taiwan Corporation	PIFA	Main RB1547-11-003-R	Aux -1.70 [H]
			Aux RB1547-11-004-R	
136	Tyco Electronics	PIFA	Main 2023712-1	Aux 1.43 [H]
			Aux 2023713-1	
137	Wistron Neweb Corp	PIFA	Main DQ6G15G8600	Main -0.46 [H]
			Aux DQ6G15G8600	
138	Yageo	PIFA	Main DQ643139W06	Aux 0.49 [V]
			Aux DQ643139W06	
139	Wistron Neweb Corp	PIFA	Main DQ6G15G8800	Main 0.39 [V]
			Aux DQ6G15G8800	
140	Yageo	PIFA	Main DQ643139W05	Main 0.98 [H]
			Aux DQ643139W05	
141	Amphenol Taiwan Corporation	PIFA	Main RB5008-11-003-R (DC33000LJ20)	Main 0.51 [H]
			Aux RB5008-11-004-R (DC33000LJ30)	
142	Wistron Neweb Corp	PIFA	Main 81.EG315.G91(DC33000LG00)	Aux 0.98 [H]
			Aux 81.EG315.G92(DC33000 LG10)	
143	Tyco Electronics	PIFA	Main 25.91008.101 / 1556077-1	Main -0.53 [V]
			Aux 25.91008.111 / 1556078-1	

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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	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
144	Yageo	PIFA	Main 25.91008.061(CAN43139WLWI00633)	Main 1.71 [V]
			Aux 25.91008.071(CAN43139WLWI00634)	
145	Amphenol Taiwan Corporation	PIFA	Main RB-1555-11-003-R (DC33000K000)	Main 0.74 [H]
			Aux RB-1555-11-004-R (DC33000K010)	
146	Wistron Neweb Corp	PIFA	Main 81.EG315.G71(DC33000JY00)	Main 1.60 [H]
			Aux 81.EG315.G72(DC33000JY10)	
147	Wistron Neweb Corp	PIFA	Main 25.91007.001 (81.EDG15.G82)	Main 2.40 [H]
			Aux 25.91007.011 (81.EDG15.G83)	
148	Yageo	PIFA	Main 25.91010.001 (CAN43139WLWI00641)	Main 1.88 [V]
			Aux 25.91010.011 (CAN43139WLWI00642)	
149	Hitachi Cable, Ltd.	PIFA	Main HFS23	Main -0.80 [H]
150	Hitachi Cable, Ltd.	PIFA	Main HFS40	Main 0.53 [H]
151	Tyco Electronics	PIFA	Main TBN004	Main -1.58 [H]
			Aux TBN004	

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低功率射頻電機型式認證證明

16、本公司於九十九年六月九日同意增列下列86組天線，其相關資訊如下表所示：

No	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
1	WNC	PIFA	Main DC33000OE20	Main 1.21 [H]
			Aux DC33000OE30	
2	WNC	PIFA	Main DC33000N820	Aux -0.10 [V]
			Aux DC33000N830	
3	Whayu Industrial Co, Ltd	PIFA	Main ZN3 WLAN Main (R Side)	Main 1.10 [back]
			Aux ZN3 WLAN Aux (L Side)	
4	Quanta	PIFA	Main DQ652017900(C680-520179-A)	Main 0.16 [H]
			Aux DQ652017900(C680-520179-A)	
5	Amotech	PIFA	Main AMNA-CB3-CP003	Aux 2.13 [V]
			Aux AMNA-CB3-CP003	
6	Amotech	PIFA	Main AMNA-CB2-CP005	Aux 3.64 [V]
			Aux AMNA-CB2-CP005	
7	Amotech	PIFA	Main AMNA-CB3-CP003	Aux 0.49 [V]
			Aux AMNA-CB3-CP003	
8	Amotech	PIFA	Main AMNA-CB2-CP005	Aux 1.97 [V]
			Aux AMNA-CB2-CP005	
9	Hitachi Cable, Ltd	PIFA	Main HFT60	Main 2.56 [H]
			Aux HFT60	
10	WNC	PIFA	Main 81.EEW15.G26	Main 2.89 [V]
			Aux 81.EEW15.G27	
11	Acon	PIFA	Main APP8P-700134	Main 0.83 [V]
			Aux APP8P-700135	
12	Quanta	PIFA	Main DQ6GPPB0105	Main 0.1 [H]
			Aux DQ6GPPB0204	
13	Quanta	PIFA	Main DQ6MLP10Q00	Aux -3.9 [V]
			Aux DQ6MLP10Q00	
14	Acon	PIFA	Main APP6P-700415	Aux 0.92 [V]
			Aux APP6P-700416	
15	Acon	PIFA	Main APP6P-700399	Main 0.37 [H]
			Aux APP6P-700411	
16	Whayu Industrial Co, Ltd	PIFA	C660-520267-A	Main -2.74 [V]
17	Yageo	PIFA	CAN43130WLAS01741	Main -0.47 [V]
18	Yageo	PIFA	Main CAN43139WLAS01401	Main 1.54 [V]
			Aux CAN43139WLAS01402	
19	Acon	PIFA	Main AMP6P-700171	Main 0.96 [V]
			Aux AMP6P-700172	
20	Acon	PIFA	Main APP6P-700405	Aux 0.59 [H]
			Aux APP6P-700406	

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低功率射頻電機型式認證證明

No	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
21	Yageo	PIFA	Main CAN43139WLAS00442	Aux 0.65 [V]
			Aux CAN43139WLAS00441	
22	Yageo	PIFA	Main CAN43139WLAS00811 (black)	Main 0.47 [H]
			Aux CAN43139WLAS00812 (white)	
23	Acon	PIFA	Main AMP6P-700097 (right)	Main 0.74 [H]
			Aux AMP6P-700098 (left)	
24	Acon	PIFA	Main AMP6P-700131	Main 1.61 [H]
			Aux AMP6P-700132	
25	Acon	PIFA	Main AMP6P-700149	Main 0.03 [H]
			Aux AMP6P-700150	
26	Whayu Industrial Co, Ltd	PIFA	Main C660-520260-A (left)	Main 2.75 [V]
			Aux C660-520261-A (right)	
27	Yageo	PIFA	Main CAN43130WIAS01651 (right)	Aux 1.34 [V]
			Aux CAN43130WIAS01652 (left)	
28	Yageo	PIFA	Main CAN43130WLAS01631	Main 0.66 [V]
			Aux CAN43130WLAS01632	
29	WNC	PIFA	Main 81.EHD15.003	Main 0.94 [V]
			Aux 81.EHD15.002	
30	Foxconn	PIFA	Main WDAN-M1SN1002-DF	Main 0.93 [H]
			Aux WDAN-M1SN1001-DF	
31	Auden	PIFA	Main 220119-09	Aux -1.02 [V]
			Aux 220117-09	
32	WNC	PIFA	Main 81.EHD15.005	Main -0.30 [V]
			Aux 81.EHD15.004	
33	Foxconn	PIFA	Main WDAN-M1WC1002-DF	Main -0.33 [H]
			Aux WDAN-M1WC1001-DF	
34	Auden	PIFA	Main 220118-09	Main -1.79 [V]
			Aux 220120-09	
35	WNC	PIFA	Main 81.EHD15.007	Main -0.09 [V]
			Aux 81.EHD15.006	
36	Foxconn	PIFA	Main WDAN-M1PB1001-DF	Main -0.60 [H]
			Aux WDAN-M1PB1002-DF	
37	Auden	PIFA	Main 220177-09	Main -0.45 [V]
			Aux 220178-09	
38	Foxconn	PIFA	Main WDAN-M1MM1001-DF	Aux -0.14 [H]
			Aux WDAN-M1BN1001-DF	
39	Auden	PIFA	Main 220176-09	Main -0.39 [V]
			Aux 220175-09	
40	WNC	PIFA	Main 81.EHD15.G09	Main -1.05 [V]
			Aux 81.EHD15.G10	

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低功率射頻電機型式認證證明

No	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
41	WNC	PIFA	Main 81.EHD15.G13	Main -0.17 [H]
			Aux 81.EHD15.G18	
42	Foxconn	PIFA	Main WDAN-M1STL500-DF	Main 1.22 [H]
			Aux WDAN-M1ST1001-DF	
43	Auden	PIFA	Main 220206-09	Aux 0.22 [V]
			Aux 220198-09	
44	WNC	PIFA	Main 81.EHD15.G21	Main 0.04 [V]
			Aux 81.EHD15.G15	
45	Foxconn	PIFA	Main WDAN-M1STR500-DF	Main -1.02 [V]
			Aux WDAN-M1STL700-DF	
46	Auden	PIFA	Main 220215-09	Aux -1.07 [V]
			Aux 220207-09	
47	Acon	PIFA	Main AMP8P-700166	Main 0.71 [V]
			Aux AMP8P-700166	
48	Smart Approach Co, Ltd	PIFA	Main SE-06800-EQGM6	Aux 0.87 [V]
			Aux SE-06800-EQGM6	
49	WNC	PIFA	Main 81.EKW15.G11	Aux 2.55 [H]
			Aux 81.EKW15.G11	
50	Acon	PIFA	Main APP8P-700409	Main 2.20 [V]
			Aux APP8P-700409	
51	Smart Approach Co, Ltd	PIFA	Main SE-07000-EQGM7	Main 1.72 [H]
			Aux SE-07000-EQGM7	
52	Acon	PIFA	APP8P-700097	Main 2.77 [H]
53	Smart Approach Co, Ltd	PIFA	SE-026D0-EWDJ2	Main 2.79 [V]
54	WNC	PIFA	81.EKV15.G02	Main 1.10 [H]
55	WNC	PIFA	Main 25.91339.011	Main 1.78 [V]
			Aux 25.91340.011	
56	Yageo	PIFA	Main 25.91339.001	Main -0.07 [V]
			Aux 25.91340.001	
57	WNC	PIFA	Main 25.91335.011	Main 1.54 [H]
			Aux 25.91336.011	
58	Yageo	PIFA	Main 25.91335.001	Main 0.15 [V]
			Aux 25.91336.001	
59	Laird	PIFA	Main MAF 94449	Aux 3.81dBi
			Aux MAF 94449	
60	Amphenol	PIFA	Right CI1693-15-000-R	Right 3.3dBi
			Left CI1693-15-000-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	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
61	Smart Approach Co, Ltd	PIFA	Main SE-0730G-ECM11	Main 2.51 [H]
			Aux SE-0730G-ECM11	
62	Acon	PIFA	Main AMP8P-700167	Main 1.47 [H]
			Aux AMP8P-700167	
63	WNC	PIFA	Main 81.EKJ15.G22	Aux 1.55 [V]
			Aux 81.EKJ15.G22	
64	Amphenol	PIFA	Main RB5134-11-003-C	Aux 0.90 [V]
			Aux RB5134-11-004-C	
65	WNC	PIFA	Main DC33000PX00	Aux 1.98 [H]
			Aux DC33000PX10	
66	Yageo	PIFA	Main DC33000QH20	Main 0.83 [V]
			Aux DC33000QH30	
67	Acon	PIFA	Main APP8P-700128	Main 1.74 [H]
			Aux APP8P-700129	
68	Skycross	PIFA	Main VK009IA97	Aux 2.18 [H]
			Aux VK009IB97	
69	Acon	PIFA	Main APP8P-700128	Main 2.86 [H]
			Aux APP8P-700129	
70	Skycross	PIFA	Main VK008IA97	Aux 0.1 [H]
			Aux VK008IB97	
71	WNC	PIFA	Main DQ6G15G8600	Main -0.46 [H]
			Aux DQ6G15G8600	
72	WNC	PIFA	Main DQ6G15G8800	Main 0.39 [V]
			Aux DQ6G15G8800	
73	Yageo	PIFA	Main DQ643139W05	Main 0.98 [H]
			Aux DQ643139W05	
74	Acon	PIFA	Main APP8P-700127	Main 2.93 [V]
			Aux APP8P-700127	
75	Acon	PIFA	Main APP8P-700127	Main 2.97 [H]
			Aux APP8P-700126	
76	WNC	PIFA	Main 81.EKW15.G21	Aux 1.55 [V]
			Aux 81.EKW15.G20	
77	WNC	PIFA	Main 81.EKW15.G21	Aux 1.06 [V]
			Aux 81.EKW15.G21	
78	Kim Well Electronics Co, Ltd	PIFA	Main R017010R	Aux 1.90
			Aux R017011R	
79	Whayu Industrial Co, Ltd	PIFA	Main C923-520019-A	Aux 0.95 [V]
			Aux C923-520018-A	
80	WNC	PIFA	Main 81XCAE15.G20	Aux 2.13 [H]
			Aux 81XCAE15.G21	

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低功率射頻電機型式認證證明

No	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
81	Smart Approach Co, Ltd	PIFA	Main PE-240250	Aux 1.09 [H]
			Aux PE-240250	
82	Quanta	PIFA	Main DQ652017400	Aux 2.95 [V]
			Aux DQ652017400	
83	Kim Well Electronics Co, Ltd	PIFA	Main R017010R	Aux 1.94
			Aux R017011R	
84	WNC	PIFA	Main 81.EKW15.G14	Main 0.53 [V]
			Aux 81.EKW15.G15	
85	Quanta	PIFA	Main QADCFL3_WL_M	Aux -0.1 [H]
			Aux QADCFL3_WL_A	
86	VSO	PIFA	Main 821-101-01210680	Main 2.06 [V]
			Aux 821-101-01210670	

17、本公司於九十九年七月二十九日同意增列下列28組天線，其相關資訊如下表所示：

No	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
1.	WNC	PIFA	Main MPMH-B2695050G00011	Main -1.66 [H]
			Aux MPMH-B2695050G00012	
2.	Amphenol	PIFA	Main HPMH-B2695050G00007	Aux 0.08 [H]
			Aux HPMH-B2695050G00008	
3.	Acon	PIFA	Main APP8P-700124(25.90A0F.001)	Main -0.12 [H]
			Aux APP8P-700125(25.90A01.001)	
4.	WNC	PIFA	Main 81.EDG15.GBA(25.90A0E.001)	Aux 1.31 [H]
			Aux 81.EDG15.GBB(25.90A0H.001)	
5.	Amphenol	PIFA	Main FX5170-15-004-C	Main 0.59 [H]
			Aux FX5170-15-001-C	
6.	Quanta	PIFA	Main 37LX6AATP00	Main 1.8 [V]
			Aux 37LX6AATP00	
7.	Quanta	PIFA	Main 35AX6AATP10	Main 0.7 [V]
			Aux 35AX6AATP10	
8.	Quanta	PIFA	Main 37LX7AATP00	Aux 1.7 [V]
			Aux 37LX7AATP00	
9.	Quanta	PIFA	Main 35AX1AATP10	Main 1.7 [V]
			Aux 35AX1AATP10	
10.	Quanta	PIFA	Main 35AX6AATP10	Main 0.7 [V]
			Aux 35AX6AATP10	

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No	Antenna Manufacturer	Antenna Type	Model Number	Max Peak Gain (2.4GHz)
11.	Foxconn	PIFA	Main WDAN-HMPM0003-DH Aux WDAN-HMPM0004-DH	Aux 2.26 [H]
12.	Yageo	PIFA	Main 79010DG00-011-G Aux 79010DD00-011-G	Main 2.83 [V]
13.	Yageo	PIFA	Main 79010C500-011-G Aux 79010C400-011-G	Main 0.95 [V]
14.	WNC	PIFA	Main 81.EKT15.G01 (79010C200-GGC-G) Aux 81.EKT15.G02 (79010C300-GGC-G)	Main 1.83 [H]
15.	Amphenol	PIFA	Main FL5130-11-002-C Aux FL5130-11-003-C	Main 0.30 [V]
16.	Yageo	PIFA	Main B2885050G00003 Aux B2885050G00003	Main 1.17 [V]
17.	Wha Yu	PIFA	Main ZN3/8/9 WLAN Main (R Side) Aux ZN3/8/9 WLAN Aux (L Side)	Main 0.26
18.	Quanta	PIFA	Main QADCGC5_WL_M Aux QADCGC5_WL_A	Main 0.4 [V]
19.	Quanta	PIFA	Main QADCGC6_WL_M Aux QADCGC6_WL_A	Main 0.7 [V]
20.	Quanta	PIFA	Main QADCPS1_WL_M Aux QADCPS1_WL_A	Main -0.5 [V]
21.	Inno Wave	PIFA	Main 660-EWS21L-C Aux 660-EWS22R-C	Main 2.20 [H]
22.	Quanta	PIFA	MY1-WLAN (Main) MY1-WLAN (Aux)	Aux 2.39
23.	WNC	PIFA	25.90A0M.001	Main -2.86 [H]
24.	WNC	PIFA	25.90A0M.001	Main -1.61 [H]
25.	Smart Approach	PIFA	Main PE-AB0530 Aux PE-AB0520	Aux -4.24 [V]
26.	Quanta	PIFA	NZ2 Left Side (black) Aux NZ2 Right Side (white)	Main 0.24
27.	Quanta	PIFA	Main 3ASP8AATP20 Aux 3ASP8AATP20	Main -0.4 [H]
28.	Quanta	PIFA	Main 3ASP8AATP20 Aux 3ASP8AATP20	Main 0.8 [H]

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