

Appendix E. Antenna List

Table for Filed Antenna

No.	Brand	Ant. Type	Con. Type	Peak Gain (dBi)	Model No.
				2.4GHz	
1	WNC	PIFA	IPEX	Main: 3.95 Aux.: 3.90	DQ661500301
2	Wan shih	Dipole	IPEX	2.0	TN1WFI0009A
3	WNC	PIFA	IPEX	Main: -2.50 Aux.: -1.12	Main: 25.90970.021 Aux.: 25.90970.031
4	Smart Approach	PIFA	IPEX	Main: 0.90 Aux.: 2.75	Main: SE-042C0-ECL30 Aux.: SE-042D0-ECL30
5	ACON	PIFA	IPEX	Left: 1.89 Right: -2.13	Left: 25.90915.041 Right: 25.90915.051
6	WHAYU	PIFA	IPEX	Main: -2.12 Aux.: -2.49	MSA-00005A
7	Quanta	PIFA	IPEX	TX 1: 1.8 TX 2: -0.3	37LX6AATP00
8	Quanta	PIFA	IPEX	TX 1: 0.3 TX 2: 1.7	37LX7AATP00
9	Quanta	PIFA	IPEX	TX: 1.0 RX: 0.2	3ASP8AATP20
10	NISSEI	PIFA	IPEX	TX: 1.80 RX: 0.54	TX: 3172509 RX: 3172467
11	Amphenol	PIFA	IPEX	TX: 1.68 RX: 1.47	TX: LX0968-11-000-R RX: LX0970-11-000-R
12	FOXCONN	PIFA	IPEX	TX: 1.10 RX: -0.40	TX: WDAN-L1ML3002-DF RX: WDAN-L1ML3001-DF
13	NISSEI	PIFA	IPEX	TX: -0.61 RX: -0.83	TX: 3176674 RX: 3176658
14	FOXCONN	PIFA	IPEX	TX: -0.88 RX: 1.16	TX: 024-01F0-2243 RX: 024-01F0-2242
15	NISSEI	PIFA	IPEX	TX: 1.99 RX: 1.35	TX: 3172566 RX: 3172525
16	Amphenol	PIFA	IPEX	TX: 1.57 RX: 1.61	TX: LX0983-11-000-R RX: LX0980-11-000-R
17	Hitachi	PIFA	IPEX	TX: 1.54 RX: 1.82	TX: HMT14-AUX RX: HMT14-MAIN
18	FOXCONN	PIFA	IPEX	TX: 1.43 RX: 1.71	TX: WDAN-L1WK1002-DF RX: WDAN-L1WK1001-DF
19	NISSEI	PIFA	IPEX	TX: 1.26 RX: 1.88	TX: 3210002 RX: 3209970
20	ACON	PIFA	IPEX	TX: -0.86 RX: -0.96	TX: APM6P-700034 RX: APM6P-700033
21	Amphenol	PIFA	IPEX	TX: -1.60 RX: -1.85	TX: 14G152168131LV RX: 14G152168231LV
22	ACON	PIFA	IPEX	TX: -0.23 RX: -1.32	TX: APM6P-700029 RX: APM6P-700027
23	TYCO	PIFA	IPEX	TX: 1.52 RX: -2.39	TX: 2023944-1 RX: 2023940-1
24	ACON	PIFA	IPEX	TX: -0.74 RX: -1.16	TX: APM6P-700030 RX: APM6P-700028

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				2.4GHz	
25	TYCO	PIFA	IPEX	TX: -0.11 RX: -0.58	TX: 2023950-1 RX: 2023946-1
26	ACON	PIFA	IPEX	TX: 1.27 RX: -1.21	TX: 25.90702.001 RX: 25.90700.001
27	ACON	PIFA	IPEX	TX: 1.21 RX: 1.37	TX: 25.90802.001 RX: 25.90800.001
28	ACON	PIFA	IPEX	TX: 1.04 RX: 1.17	TX: 25.90597.001 RX: 25.90598.001
29	Wistron NW	PIFA	IPEX	TX: 0.59 RX: 1.94	TX: 25.90586.001 RX: 25.90587.001
30	ACON	PIFA	IPEX	TX: -0.13 RX: -0.42	TX: 25.90654.001 RX: 25.90653.001
31	Wistron NW	PIFA	IPEX	TX: 0.31 RX: -0.52	TX: 25.90650.001 RX: 25.90649.001
32	ACON	PIFA	IPEX	TX: 0.64 RX: -0.39	TX: 25.90676.001 RX: 25.90675.001
33	Wistron NW	PIFA	IPEX	TX: 1.32 RX: -1.53	TX: 25.90670.001 RX: 25.90669.001
34	Quanta	PIFA	IPEX	TX: -0.40 RX: 0.10	TX: DQ6GC200200 RX: DQ6GC200100
35	Quanta	PIFA	IPEX	TX: 0.7 RX: -1.3	TX: DQ6GC300200 RX: DQ6GC300100
36	ACON	PIFA	IPEX	TX: 1.16 RX: -0.04	TX: 25.90930.001 RX: 25.90929.001
37	Ethertronics	PIFA	IPEX	TX: -0.59 RX: 0.60	TX: 25.90935.001 RX: 25.90934.001
38	Wistron NW	PIFA	IPEX	TX: -0.93 RX: 0.87	TX: 25.90920.001 RX: 25.90919.001
39	ACON	PIFA	IPEX	TX: -2.64 RX: -0.37	TX: C-1335-11-000-26 RX: C-1334-11-000-26
40	Wistron NW	PIFA	IPEX	TX: 0.74 RX: 0.77	TX: 25.90980.001 RX: 25.90979.001
41	Quanta	PIFA	IPEX	TX: -0.10 RX: -0.10	TX: QADCFL3_WLA RX: QADCFL3_WL_M
42	QUANTA	PIFA	IPEX	TX: -1.40 RX.: -0.50	TX: QADCPS1_WL_A RX.: QADCPS1_WL_M
43	Hitachi	PIFA	IPEX	Main: 0.58 Aux.: 1.12	HFT40
44	Hitachi	PIFA	IPEX	Main: -1.65 Aux.: -0.92	HFT60
45	WNC	PIFA	IPEX	Main: -1.10 Aux.: 1.76	Main: 81.EE215.002 Aux.: 81.EE215.001
46	WNC	PIFA	IPEX	Main: 1.18 Aux. 1.75	WNC002
47	Tyco	PIFA	IPEX	Main: 3.45 Aux: 2.41 MIMO: 1.04	TBN001
48	Tyco	PIFA	IPEX	Main: -1.11 Aux.: -1.11 MIMO: -0.95	TBN003

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				2.4GHz	
49	Hitachi	PIFA	IPEX	TX 1: 2.19 TX 2: -0.33	HBY07
50	Hitachi	PIFA	IPEX	TX 1: 2.91 TX 2: 2.82	HBY051
51	Hitachi	PIFA	IPEX	TX 1: 0.27 TX 2: 0.02	HBY052
52	Hitachi	PIFA	IPEX	TX 1: 1.30 TX 2: 2.42	HBY061
53	Hitachi	PIFA	IPEX	TX 1: -1.04 TX 2: -1.19	HBY062
54	Hitachi	PIFA	IPEX	TX 1: -1.74 TX 2: 1.16	HFT65
55	Hitachi	PIFA	IPEX	Main: 0.87 Aux.: 1.94	HCT01
56	FOXCONN	PIFA	IPEX	TX 1: -0.43 TX 2: -0.7	WDAN-TQ
57	Tyco	PIFA	IPEX	-1.11	TBN005 & TBN006
58	WNC	PIFA	IPEX	Main: 2.40 Aux.: 1.50	WNC004
59	WNC	PIFA	IPEX	Main: 1.19 Aux.: 0.28	WNC001
60	WNC	PIFA	IPEX	Main: 0.52 Aux.: 1.07	WNC003
61	WNC	PIFA	IPEX	Main: -2.76 Aux.: -3.64	WNC005
62	WNC	PIFA	IPEX	Main: 0.42 Aux.: 0.79 MIMO: 0.14	81.EJZ
63	WNC	PIFA	IPEX	Main: 0.86 Aux.: -0.08	81.EJT
64	Tyco (20-D1130002D)	PIFA	IPEX	TX1: -0.10 TX2: -0.92 TX 3: 0.56	TBN008
65	Tyco (20-D1130002D)	PIFA	IPEX	TX: -0.10 RX: -0.92	TBN008
66	Tyco	PIFA	IPEX	Main: 0.28 Aux.: -0.83	TBN004
67	TYCO	PIFA	IPEX	TX 1: 1.98 TX 2: 1.97 TX 3: -0.88	TBN007
68	Hitachi	PIFA	IPEX	-0.80	HFS23
69	Hitachi	PIFA	IPEX	0.64	HFS40
70	TYCO (20238740-1)	PIFA	IPEX	TX 1: 0.47 TX 2: 0.06 TX 3: 1.65	TBN008
71	TYCO (2023750-1)	PIFA	IPEX	TX 1: 0.47 TX 2: 0.06	TBN008

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				2.4GHz	
72	TYCO (2023772-1)	PIFA	IPEX	TX 1: -2.60 TX 2: -0.26 TX 3: -0.91	TBN008
73	TYCO (2023770-1)	PIFA	IPEX	TX 1: -2.60 TX 2: -0.26	TBN008
74	Smart Approach	PIFA	IPEX	TX 1: 2.37 TX 2: 1.59	03-FR021-016
75	WNC	PIFA	IPEX	Main: 2.71 Aux.: 1.75 MIMO: 2.57	Main: 81.EEO15.001 Aux.: 81.EEO15.002 MIMO: 81.EEO15.003
76	WNC	PIFA	IPEX	Main: 2.23 Aux.: 1.18	Main: 81.EHD15.003 Aux.: 81.EHD15.002
77	WNC	PIFA	IPEX	TX1: 2.3 TX2.: -0.77	TX1: 81.EHD15.004 TX2.: 81.EHD15.005
78	WNC	PIFA	IPEX	Main: -1.51 Aux.: -0.49	Main: 81.EHD15.004 Aux.: 81.EHD15.006
79	WNC	PIFA	IPEX	Main: -1.51 Aux.: -1.10	Main: 81.EHD15.004 Aux.: 81.EHD15.007
80	WNC	PIFA	IPEX	TX1: 1.86 TX2: 1.19	TX1: 81.EHD15.G09 TX2: 81.EHD15.G10
81	Foxconn	PIFA	IPEX	Main: -0.28 Aux.: -1.24	Main: WDAN-M1WC1001-DF Aux.: WDAN-M1MM1001-DF
82	Amphenol KAE	PIFA	IPEX	Main: 2.49 Aux.: 0.58 MIMO: 0.65	Main: SS-03-03-099 Aux.: SS-03-03-100 MIMO: SS-03-03-101
83	Foxconn	PIFA	IPEX	Main: -0.28 Aux.: -0.14	Main: WDAN-M1WC1001-DF Aux.: WDAN-M1BN1001-DF
84	Foxconn	PIFA	IPEX	0.68	WDAN-M1NY1001-DF
85	Foxconn	PIFA	IPEX	TX1: 0.54 TX2: -1.40	TX1: WDAN-M1PB1001-DF TX2: WDAN-M1PB1002-DF
86	Foxconn	PIFA	IPEX	Main: 2.18 Aux.: 1.11	Main: WDAN-M1SN1002-DF Aux.: WDAN-M1SN1001-DF
87	Foxconn	PIFA	IPEX	Main: 1.31 Aux.: 0.54 MIMO: 1.34	Main: WDAN-M1OS1001-DF Aux.: WDAN-M1OS1002-DF MIMO: DAN-M1OS1003-DF
88	Foxconn	PIFA	IPEX	Main: 0.38 Aux.: 0.61	Main: WDAN-M1WC1002-DF Aux.: WDAN-M1WC1001-DF
89	FVC	PIFA	IPEX	TX1: 1.15 TX2: 0.98	N01001165001
90	FVC	PIFA	IPEX	TX1: 0.83 TX2: 1.62	N01001177001
91	Smart Approach	PIFA	IPEX	TX1: 1.51 TX2: 1.56	03-FR021-026
92	Hitachi	PIFA	IPEX	Main: 2.97 Aux.: 0.90	HFT60
93	Amphenol	PIFA	IPEX	TX1: 0.30 TX2: -0.20	TX1: FL5130-11-002-C TX2: FL5130-11-003-C

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				2.4GHz	
94	Well Green	PIFA	IPEX	TX1: -1.7 TX2: -3.05	TX1: SKM11WMPB01+C TX2: SKM11WMPB02+D
95	Smart Approach	PIFA	IPEX	TX1: 1.66 TX2: 1.83	03-FR021-020
96	FVC	PIFA	IPEX	TX1: 2.58 TX2: 1.65	TX1: N01001175001 TX2: N01001176001
97	YAGEO	PIFA	IPEX	TX1: 1.17 TX2: -0.85	B2885050G00003
98	FVC	PIFA	IPEX	TX1: 1.06 TX2: 1.46	N01001080001
99	Ethertronics	PIFA	IPEX	TX1: 0.12 TX2: -3.87	TX1: 5002011-1 TX2: 5002012-1
100	Ethertronics	PIFA	IPEX	TX1: 0.76 TX2: 0.59	TX1: 5002015-1 TX2: 5002016-1
101	Ethertronics	PIFA	IPEX	TX1: -1.76 TX2: -2.61	TX1: 5010011-1 TX2: 5010012-1
102	Ethertronics	PIFA	IPEX	TX1: -0.84 TX2: -2.49	TX1: 5010015-1 TX2: 5010016-1
103	WNC	PIFA	IPEX	Main: -1.08 Aux.: -0.62	81.EJZ15.G52
104	WNC	PIFA	IPEX	Main: -0.58 Aux.: -1.26	81.EJT15.GJC
105	WNC	PIFA	IPEX	Main: 0.52 Aux.: 0.77	81.EJT15.GGW
106	WNC	PIFA	IPEX	Main: -0.78 Aux.: -2.14	81.EJZ15.G53
107	Quanta	PIFA	IPEX	TX1: -0.7 TX2: -1.9	TX1: AN-070-G(R) TX2: AN-070-G(L)
108	Quanta	PIFA	IPEX	TX1: -0.3 TX2: -1.9	TX1: AN-070-G(R) TX2: AN-070-G(L)
109	Quanta	PIFA	IPEX	TX1: -0.4 TX2: -0.3	TX1: AN-120-F(R) TX2: AN-120-F(L)
110	Quanta	PIFA	IPEX	TX1: -1.8 TX2: -4.4	TX1: AN-120-F(R) TX2: AN-120-F(L)
111	Quanta	PIFA	IPEX	TX1: 0.7 TX2: -1.4	35AX6AATP10

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				2.4GHz	
112	Quanta	PIFA	IPEX	TX1: -0.8 TX2: 0.5	TX1: QADC-NL2-LM TX2: QADC-NL2-LA
113	Auden	PIFA	IPEX	TX1: -0.35 TX2: -0.53	TX1: 220265-09 TX2: 220265-09
114	Acon	PIFA	IPEX	TX1: 1.47 TX2: 0.35	TX1: AMP8P-700167 TX2: AMP8P-700167
115	Smart Approach	PIFA	IPEX	TX1: 2.51 TX2: -0.51	SE-0730G-ECM11
116	WNC	PIFA	IPEX	TX1: -0.21 TX2: 1.55	81.EKJ15.G22
117	Smart-approach	PIFA	IPEX	TX1: 0.90 TX2: 2.75	TX1: SE-042C0-ECL30 TX2: SE-042D0-ECL30
118	WNC	PIFA	IPEX	TX1: 3.18 TX2: 2.84	TX1: 81XCAE15.G13 TX2: 81XCAE15.G14
119	Dail Fong	PIFA	IPEX	Main: 1.79 Aux.: 1.49	Main: AN-PF010008 Aux.: AN-PF010007
120	CLEVO	PIFA	IPEX	WM-1: 3.16 WM-2: 2.26	WM-1: C5100-WiMAX-1 WM-2: C5100-WiMAX-2
121	Hitachi	PIFA	IPEX	TX1: -0.36 TX2: 0.97 TX3: 1.24	HBY17
122	Tyco	PIFA	IPEX	TX1: 0.22 TX2: 0.33 TX3: 2.20	TBN009
123	Tyco	PIFA	IPEX	TX1: 1.68 TX2: 1.45 TX3: 0.29	TBN010
124	WGT	PIFA	IPEX	WM-1: 2.27 WM-2: 1.46	A9100
125	KimWell	PIFA	IPEX	Main: 1.70 Aux.: 1.42	Main: R064018R Aux.: R064019R