

## Appendix D. Antenna List

Table for Filed Antenna

No.	Brand	Ant. Type	Con. Type	Peak Gain (dBi)		Model No.
				2.4GHz	5GHz	
01	LYNwave	PIFA	IPEX MHF4	TX1: 3.5	5	TX1: ALA110-222050-300011
02	LYNwave	PIFA	IPEX	TX1: 3.5	5	TX1: ALA110-222050-300010
03	JOYMAX	DIPOLE	IPEX	TX1: 3.0	5	TX1: TWF-614XMPXX-500
04	Realtek	SLOT	IPEX	TX1:3.33	4.52	TX1: PANT-001
05	Realtek	SLOT	IPEX MHF4	TX1:3.33	4.52	TX1: PANT-002
06	Well Green	PIFA	IPEX	TX1: 0.85 TX2: 0.44	0.75 1.24	TX1: SKW10WMPB01+A TX2: SKW10WMPB02+A
07	Well Green	PIFA	IPEX	TX1: 0.42 TX2: -0.13	0.11 1.27	TX1: SK65EWMPB01+A TX2: SK650WMPB02+A
08	JESS-LINK	PIFA	IPEX	TX1: 2.72 TX2: 0.07	1.52 0.91	TX1: DC33001AD00 TX2: DC33001AD00
09	HIGH-TEK	PIFA	IPEX	TX1: -0.93 TX2: 0.87	1.48 0.96	TX1: DC33001AC00 TX2: DC33001AC00
10	Luxshared	PIFA	IPEX	TX1: 2.08 TX2: 0.14	3.62 -1.91	TX1: L01RF019-DT-R (31-502717) TX2: L01RF021-DT-R (31-502716)
11	Well Green	PIFA	IPEX	TX1: 0.55 TX2: 1.36	1.26 3.74	TX1: SKAEUWMPB01+B TX2: SKAEUWMPB01+B
12	Well Green	PIFA	IPEX	TX1: 0.82 TX2: -2.23	0.94 2.18	TX1: SKA91WMPB02+A TX2: SKA91WMPB01+A
13	Wgt	PIFA	IPEX	TX1: 2.14 TX2: 1.92	1.72 2.65	TX1: W550EU WM-1 TX2: W550EU WM-2
14	Acon	PIFA	IPEX	TX1: -0.63 TX2: -3.39	-0.71 0.12	TX1: APP6P-700781 TX2: APP6P-700782
15	Acon	PIFA	IPEX	TX1: -0.13 TX2: -0.23	1.34 -0.63	TX1: ATM6P-70100 TX2: ATM6P-70200
16	WNC	PIFA	IPEX	TX1: -0.58 TX2: -1.48	-0.67 -0.47	TX1: DQ6G15G5800 TX2: DQ6G15G5700
17	Zhan Yun	PIFA	IPEX	TX1: -0.70 TX2: -1.20	-0.13 0.80	TX1: DQ60QTLI200 TX2: DQ60QTLI201
18	WNC	PIFA	IPEX	TX1: 1.15 TX2: 0.59	-0.51 -0.04	TX1: 81.EKG15.G30 TX2: 81.EKG15.G29
19	YAGEO	PIFA	IPEX	TX1: 0.59 TX2: 0.90	0.35 0.95	TX1: CAN4313LC0613WLA3 TX2: CAN4313LC0613WLA4
20	WNC	PIFA	IPEX	TX1: 0.18 TX2: 0.60	1.92 1.50	TX1: 81.EKG15.G38 TX2: 81.EKG15.G37

21	JESS-LINK	PIFA	IPEX	TX1: 1.89 TX2: 1.56	-0.07 -0.09	TX1: PANT11A00008-1 TX2: PANT11A00009-1
22	Foxconn	PIFA	IPEX	TX1: 0.21 TX2: 0.60	1.23 -0.36	TX1: WDAN-T1RH1 TX2: WDAN-T1RH2
23	Well Green	PIFA	IPEX	TX1: 0.21 TX2: -0.75	1.65 1.15	TX1: SKX71WMPB01+B TX2: SK370WMPB01+B
24	Luxshared	PIFA	IPEX	TX1: -0.6 TX2: -0.29	0.74 0.98	TX1: L01RF008-R TX2: L01RF009-R
25	Well Green	PIFA	IPEX	TX1: 0.72 TX2: 0.49	-0.72 -0.71	TX1: SKW25WMPB01+A TX2: SKW25WMPB01+A
26	Well Green	PIFA	IPEX	TX1: -0.17 TX2: -2.24	-0.13 0.03	TX1: SK549WMPB01+A TX2: SK549WMPB02+A
27	Wgt	PIFA	IPEX	TX1: 1.7 TX2: 2.53	2.2 2.78	TX1: W350ETQ WM-1 TX2: W350ETQ WM-2
28	Well Green	PIFA	IPEX	TX1: -1.93 TX2: -1.28	-1.13 1.08	TX1: SKW54WMPB01+C TX2: SKW34WMPB02+A
29	Joinsoon	PIFA	IPEX	TX1: 2.6 TX2: 0.53	2.61 2.60	TX1: IA-120266 TX2: IA-120267
30	WNC	PIFA	IPEX	TX1: 0.24 TX2: -0.58	2.85 -0.16	TX1: 25.90AH8.001 TX2: 25.90AH7.001
31	Wieson	PIFA	IPEX	TX1: 1.28 TX2: 0.34	3.84 2.60	TX1: 25.90AH8.011 TX2: 25.90AH7.011
32	Yageo	PIFA	IPEX	TX1: -0.27 TX2: -0.88	1.42 0.33	TX1: 25.90AH8.021 TX2: 25.90AH7.021
33	Yageo	PIFA	IPEX	TX1: -0.11 TX2: -0.68	0.42 0.34	TX1: 25.90AJB.001 TX2: 25.90AJC.001
34	Yageo	PIFA	IPEX	TX1: -1.32 TX2: -1.14	2.94 1.89	TX1: 25.90AJB.001 TX2: 25.90AJC.001
35	Yageo	PIFA	IPEX	TX1: 2.74 TX2: 0.63	0.07 0.46	TX1: 25.90ALR.001 TX2: 25.90ALQ.001
36	WNC	PIFA	IPEX	TX1: -0.61 TX2: 1.91	2.23 -0.40	TX1: 25.90AAL.001 TX2: 25.90AAK.001
37	TE Connectivity	PIFA	IPEX	TX1: 1.29 TX2: 0.04	1.25 1.08	TX1: 25.90AAL.011 TX2: 25.90AAK.011
38	HIGH-TEK	PIFA	IPEX	TX1: -2.20 TX2: -2.20	0.1 0.7	TX1: 25.90ALR.011 TX2: 25.90ALQ.011
39	HIGH-TEK	PIFA	IPEX	TX1: -0.70 TX2: -0.60	0.55 0.14	TX1: 25.90AJB.011 TX2: 25.90AJC.011

40	HIGH-TEK	PIFA	IPEX	TX1: -0.42 TX2: 1.59	2.27 -0.05	TX1: 25.90AJB.011 TX2: 25.90AJC.011
41	ACON	PIFA	IPEX	TX1: 0.96 TX2: 1.33	1.27 1.61	TX1: ATP6P -700000 TX2: ATP6P -700001
42	INPAQ Technology	Dipole	IPEX	TX1: -1.1 TX2: 0.45	1.59 -0.02	TX1: DAM-14-H-DB-800-10-17 TX2: DAM-14-H-DB-800-10-17
43	Well Green	PIFA	IPEX	TX1: 1.05 TX2: -0.41	1.08 2.32	TX1: SK110WMPB01+A TX2: SK110WMPB02+A
44	Well Green	PIFA	IPEX	TX1: -1.61 TX2: -2.84	-0.14 -0.96	TX1: SKW23WMPB01+A TX2: SKW23WMPB02+A
45	Well Green	PIFA	IPEX	TX1: -0.93 TX2: 0.20	0.96 0.86	TX1: SK740WMPB01+A TX2: SK740WMPB02+A