

Appendix B. Antenna List

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Table for Filed Antenna

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

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Description							
TX2: 1.56 -0.09 TX2: PANT11A00009-1	21	JESS-LINK	PIFA	IDEV.	TX1: 1.89	-0.07	TX1: PANT11A00008-1
Pifa				IPEX	TX2: 1.56	-0.09	TX2: PANT11A00009-1
TX2: 0.60 -0.36 TX2: WDAN-TIRE2	22	Foxconn	DIEA	IDEV	TX1: 0.21	1.23	TX1: WDAN-T1RH1
TX2: 0.75 1.15 TX2: SK370WMPB01+B			PIFA	IPEX	TX2: 0.60	-0.36	TX2: WDAN-T1RH2
TX2: -0.75 1.15 TX2: SK370WMPB01+B	00	Well Green	PIFA	IDEV	TX1: 0.21	1.65	TX1: SKX71WMPB01+B
December 2015 December 3	23			IPEX	TX2: -0.75	1.15	TX2: SK370WMPB01+B
TX2: 0.29 0.98 TX2: 101RF009-R		Luxshared	PIFA	IPEX	TX1: -0.6	0.74	TX1: L01RF008-R
TX2: 0.49 0.71 TX2: SKW25WMPB01+A TX2: 0.41 TX2: 0.41 TX2: 0.41 TX2: SKS49WMPB01+A TX2: 0.42 0.03 TX2: SKS49WMPB02+A TX2: 0.24 0.03 TX2: SKS49WMPB02+A TX2: 0.24 TX2: 0.25 TX2: W350ETQ WM-1 TX2: 0.25 0.72 TX2: W350ETQ WM-1 TX2: 0.25 0.72 TX2: W350ETQ WM-2 TX2: 0.28 TX2: W350ETQ WM-2 TX2: 0.28 TX2: W350ETQ WM-2 TX2: 0.28 TX2: SKW34WMPB01+C TX2: 0.28 TX2: SKW34WMPB02+A TX2: 0.53 0.60 TX2: SKW34WMPB02+A TX2: 0.53 0.60 TX2: IA-120266 TX2: 0.53 0.60 TX2: IA-120266 TX2: 0.53 0.60 TX2: IA-120267 TX1: 0.24 0.85 TX1: 25.90AH8.001 TX2: 0.58 0.16 TX2: 25.90AH7.001 TX2: 0.58 0.16 TX2: 25.90AH7.001 TX2: 0.58 0.16 TX2: 25.90AH7.001 TX2: 0.34 0.60 TX2: 25.90AH7.001 TX2: 0.34 0.60 TX2: 25.90AH7.011 TX2: 0.88 0.33 TX2: 25.90AH7.021 TX2: 0.88 0.33 TX2: 25.90AH7.021 TX2: 0.88 0.33 TX2: 25.90AH7.021 TX2: 0.68 0.34 TX2: 25.90AH7.021 TX2: 0.68 0.34 TX2: 25.90AH7.021 TX2: 0.68 0.34 TX2: 25.90AH7.001 TX2: 0.68 0.34 TX2: 25.90AH7.001 TX2: 0.68 0.34 TX2: 25.90AH7.001 TX2: 0.68 0.46 TX2: 25.90AH7.001 TX2: 25.	24				TX2: -0.29	0.98	TX2: L01RF009-R
TX2: 0.49 -0.71 TX2: SKW25WMPB01+A TX1: 0.17 -0.13 TX1: SK549WMPB01+A TX2: -2.24 0.03 TX2: SK549WMPB02+A TX2: -2.25 TX2: W350ETQ WM-2 TX2: -2.28 0.08 TX2: W350ETQ WM-2 TX1: -2.28 0.08 TX2: SW54WMPB01+C TX2: -2.28 0.08 TX2: SW54WMPB02+A TX2: -2.28 0.08 TX2: SW54WMPB02+A TX2: -2.28 0.08 TX2: SW54WMPB02+A TX2: -2.266 TX2: -2.29 TX1: -2.2066 TX2: -2.29 TX1: -2.29 TX1: -2.29 TX2: -2.2	25	Well Green	PIFA	IPEX	TX1: 0.72	-0.72	TX1: SKW25WMPB01+A
TX2: -2.24 0.03	25				TX2: 0.49	-0.71	TX2: SKW25WMPB01+A
TX2: -2.24 0.03 TX2: SK549WMPB02+A TX1: 1.7 2.2 TX1: W350ETQ WM-1 TX2: 2.53 2.78 TX2: W350ETQ WM-2 TX2: 2.53 2.78 TX2: W350ETQ WM-2 TX1: -1.93 -1.13 TX1: SKW54WMPB01+C TX2: -1.28 1.08 TX2: SKW34WMPB02+A TX2: -1.28 1.08 TX2: SKW34WMPB02+A TX2: 0.53 2.60 TX2: IA-120266 TX2: IA-120266 TX2: IA-120267 TX1: 0.24 2.85 TX1: 25.90AH8.001 TX2: 25.90AH7.001 TX2: 0.16 TX2: 25.90AH7.001 TX2: 25.90AH7.001 TX2: 0.34 2.60 TX2: 25.90AH7.001 TX2: 25.90AH7.011 TX2: 0.34 2.60 TX2: 25.90AH7.021 TX3: 0.27 1.42 TX1: 25.90AH8.021 TX2: 0.59 0.34 TX2: 25.90AH7.021 TX2: 0.68 0.34 TX2: 25.90AH7.001 TX2: 25.90AH7.001 TX2: 0.63 0.46 TX2: 25.90AH7.001 TX2: 2	26	Well Green	PIFA	IPEX	TX1: -0.17	-0.13	TX1: SK549WMPB01+A
TX2: V350ETQ WM-2	20				TX2: -2.24	0.03	TX2: SK549WMPB02+A
TX2: 2.53 2.78 TX2: W350ETQ WM-2	27	\Mat	DIEA	IPEX	TX1: 1.7	2.2	TX1: W350ETQ WM-1
28 Well Green PIFA IPEX TX2: -1.28 1.08 TX2: SKW34WMPB02+A 29	21	vvgt	PIFA		TX2: 2.53	2.78	TX2: W350ETQ WM-2
TX2: -1.28 1.08 TX2: SKW34WMPB02+A	20	Well Green	PIFA	IPEX	TX1: -1.93	-1.13	TX1: SKW54WMPB01+C
TX2: 0.53 2.60 TX2: IA-120267	20				TX2: -1.28	1.08	TX2: SKW34WMPB02+A
TX2: 0.53	20	loinsoon	DIEA	IDEY	TX1: 2.6	2.61	TX1: IA-120266
Wilson	23	Joinsoon	PIFA	IPEX	TX2: 0.53	2.60	TX2: IA-120267
TX2: -0.58	30	WNC	PIFA	IPEX	TX1: 0.24	2.85	TX1: 25.90AH8.001
31 Wieson PIFA IPEX TX2: 0.34 2.60 TX2: 25.90AH7.011 32	30	VVINC			TX2: -0.58	-0.16	TX2: 25.90AH7.001
TX2: 0.34	31	Wieson	PIFA	IPEX	TX1: 1.28	3.84	TX1: 25.90AH8.011
32 Yageo PIFA IPEX TX2: -0.88 0.33 TX2: 25.90AH7.021 33 Yageo PIFA IPEX TX1: -0.11 0.42 TX1: 25.90AJB.001 34 Yageo PIFA IPEX TX1: -1.32 2.94 TX1: 25.90AJB.001 35 Yageo PIFA IPEX TX1: 2.74 0.07 TX1: 25.90AJR.001 36 WNC PIFA IPEX TX1: -0.61 2.23 TX1: 25.90AAL.001 37 TE Connectivity PIFA IPEX TX1: 1.29 1.25 TX1: 25.90AAL.011 38 HIGH-TEK PIFA IPEX TX1: -2.20 0.1 TX1: 25.90ALR.011 39 HIGH-TEK PIFA IPEX TX1: -0.70 0.55 TX1: 25.90AJB.011	01	VVICSUII			TX2: 0.34	2.60	TX2: 25.90AH7.011
TX2: -0.88 0.33 TX2: 25.90AH7.021 TX1: -0.11 0.42 TX1: 25.90AJB.001 TX2: -0.68 0.34 TX2: 25.90AJC.001 TX2: -0.68 0.34 TX2: 25.90AJC.001 TX2: -0.68 0.34 TX2: 25.90AJC.001 TX3: -1.32 2.94 TX1: 25.90AJB.001 TX2: -1.14 1.89 TX2: 25.90AJC.001 TX2: -1.14 1.89 TX2: 25.90AJC.001 TX3: -1.14 1.89 TX2: 25.90AJC.001 TX3: -1.14 1.89 TX3: 25.90AJC.001 TX4: -1.14 1.89 TX3: 25.90AJC.001 TX5: -1.14 1.89 TX3: 25.90AJC.001	32	Yageo	PIFA	IPEX	TX1: -0.27	1.42	TX1: 25.90AH8.021
33	02				TX2: -0.88	0.33	TX2: 25.90AH7.021
TX2: -0.68 0.34 TX2: 25.90AJC.001 TX1: -1.32 2.94 TX1: 25.90AJB.001 TX2: -1.14 1.89 TX2: 25.90AJC.001 TX2: -1.14 1.89 TX2: 25.90AJC.001 TX1: 25.90AJC.001 TX2: 0.63 0.46 TX2: 25.90AJC.001 TX2: 1.91 -0.40 TX2: 25.90AJC.001 TX2: 1.91 -0.40 TX2: 25.90AJC.001 TX3: 1.29 1.25 TX1: 25.90AJC.001 TX3: 25.	33	Yageo	PIFA	IPEX	TX1: -0.11	0.42	TX1: 25.90AJB.001
34 Yageo PIFA IPEX TX2: -1.14 1.89 TX2: 25.90AJC.001 35 Yageo PIFA IPEX TX1: 2.74 0.07 TX1: 25.90ALR.001 36 WNC PIFA IPEX TX1: -0.61 2.23 TX1: 25.90AAL.001 37 TE Connectivity PIFA IPEX TX1: 1.29 1.25 TX1: 25.90AAL.011 38 HIGH-TEK PIFA IPEX TX1: -2.20 0.1 TX1: 25.90ALR.011 39 HIGH-TEK PIFA IPEX TX1: -0.70 0.55 TX1: 25.90AJB.011					TX2: -0.68	0.34	TX2: 25.90AJC.001
TX2: -1.14	34	Yageo	PIFA	IPEX	TX1: -1.32	2.94	TX1: 25.90AJB.001
35			/ \		TX2: -1.14	1.89	TX2: 25.90AJC.001
TX2: 0.63 0.46 TX2: 25.90ALQ.001 TX1: -0.61 2.23 TX1: 25.90AAL.001 TX2: 1.91 -0.40 TX2: 25.90AAK.001 TX2: 25.90AAK.001 TX3: 1.29 1.25 TX3: 25.90AAK.011 TX3: 0.04 1.08 TX3: 25.90AAK.011 TX3: 0.04 1.08 TX3: 25.90AAK.011 TX3: -2.20 0.1 TX3: 25.90ALQ.011 TX3: -2.20 0.7 TX3: 25.90ALQ.011 TX4: -2.20 0.7 TX3: 25.90ALQ.011 TX5: -2.20 0.7 TX3: 25.90ALQ.011 TX6: -2.20 0.7 TX3: 25.90ALQ.011 TX7: -0.70 0.55 TX3: 25.90AJB.011	35	Yageo	PIFA	IPEX	TX1: 2.74	0.07	TX1: 25.90ALR.001
36 WNC PIFA IPEX TX2: 1.91 -0.40 TX2: 25.90AAK.001 37 TE Connectivity PIFA IPEX TX1: 1.29 1.25 TX1: 25.90AAL.011 38 HIGH-TEK PIFA IPEX TX1: -2.20 0.1 TX1: 25.90ALR.011 TX2: -2.20 0.7 TX2: 25.90ALQ.011 TX2: 25.90ALQ.011 39 HIGH-TEK PIFA IPEX TX1: -0.70 0.55 TX1: 25.90AJB.011			1 11 7 1		TX2: 0.63	0.46	TX2: 25.90ALQ.001
TX2: 1.91	36	WNC	PIFA	IPEX	TX1: -0.61	2.23	TX1: 25.90AAL.001
37 TE Connectivity	30				TX2: 1.91	-0.40	TX2: 25.90AAK.001
TX2: 0.04 1.08 TX2: 25.90AAK.011 TX1: -2.20 0.1 TX1: 25.90ALR.011 TX2: -2.20 0.7 TX2: 25.90ALQ.011 TX1: -0.70 0.55 TX1: 25.90AJB.011	37	TE Connectivity	PIFA	IPEX	TX1: 1.29	1.25	TX1: 25.90AAL.011
38 HIGH-TEK PIFA IPEX TX2: -2.20 0.7 TX2: 25.90ALQ.011 39 HIGH-TEK PIFA IPEX TX1: -0.70 0.55 TX1: 25.90AJB.011					TX2: 0.04	1.08	TX2: 25.90AAK.011
TX2: -2.20	38	HIGH-TEK	PIFA	IPEX	TX1: -2.20	0.1	TX1: 25.90ALR.011
39					TX2: -2.20	0.7	TX2: 25.90ALQ.011
TX2: -0.60 0.14 TX2: 25.90AJC.011	39	HIGH-TEK	PIFA	IPEX	TX1: -0.70	0.55	TX1: 25.90AJB.011
					TX2: -0.60	0.14	TX2: 25.90AJC.011

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

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