

Appendix B. 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	Well Green	PIFA	IPEX	TX1: 0.85 TX2: 0.44	0.75 1.24	TX1: SKW10WMPB01+A TX2: SKW10WMPB02+A
05	Well Green	PIFA	IPEX	TX1: 0.42 TX2: -0.13	0.11 1.27	TX1: SK65EWMPB01+A TX2: SK650WMPB02+A
06	JESS-LINK	PIFA	IPEX	TX1: 2.72 TX2: 0.07	1.52 0.91	TX1: DC33001AD00 TX2: DC33001AD00
07	HIGH-TEK	PIFA	IPEX	TX1: -0.93 TX2: 0.87	1.48 0.96	TX1: DC33001AC00 TX2: DC33001AC00
08	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)
09	Well Green	PIFA	IPEX	TX1: 0.55 TX2: 1.36	1.26 3.74	TX1: SKAEUWMPB01+B TX2: SKAEUWMPB01+B
10	Well Green	PIFA	IPEX	TX1: 0.82 TX2: -2.23	0.94 2.18	TX1: SKA91WMPB02+A TX2: SKA91WMPB01+A
11	Wgt	PIFA	IPEX	TX1: 2.14 TX2: 1.92	1.72 2.65	TX1: W550EU WM-1 TX2: W550EU WM-2
12	Acon	PIFA	IPEX	TX1: -0.63 TX2: -3.39	-0.71 0.12	TX1: APP6P-700781 TX2: APP6P-700782
13	Acon	PIFA	IPEX	TX1: -0.13 TX2: -0.23	1.34 -0.63	TX1: ATM6P-70100 TX2: ATM6P-70200
14	WNC	PIFA	IPEX	TX1: -0.58 TX2: -1.48	-0.67 -0.47	TX1: DQ6G15G5800 TX2: DQ6G15G5700
15	Zhan Yun	PIFA	IPEX	TX1: -0.70 TX2: -1.20	-0.13 0.80	TX1: DQ60QTLI200 TX2: DQ60QTLI201
16	WNC	PIFA	IPEX	TX1: 1.15 TX2: 0.59	-0.51 -0.04	TX1: 81.EKG15.G30 TX2: 81.EKG15.G29
17	YAGEO	PIFA	IPEX	TX1: 0.59 TX2: 0.90	0.35 0.95	TX1: CAN4313LC0613WLA3 TX2: CAN4313LC0613WLA4
18	WNC	PIFA	IPEX	TX1: 0.18 TX2: 0.60	1.92 1.50	TX1: 81.EKG15.G38 TX2: 81.EKG15.G37
19	JESS-LINK	PIFA	IPEX	TX1: 1.89 TX2: 1.56	-0.07 -0.09	TX1: PANT11A00008-1 TX2: PANT11A00009-1

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

38	HIGH-TEK	PIFA	IPEX	TX1: -0.42 TX2: 1.59	2.27 -0.05	TX1: 25.90AJB.011 TX2: 25.90AJC.011
39	ACON	PIFA	IPEX	TX1: 0.96 TX2: 1.33	1.27 1.61	TX1: ATP6P -700000 TX2: ATP6P -700001
40	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
41	Well Green	PIFA	IPEX	TX1: 1.05 TX2: -0.41	1.08 2.32	TX1: SK110WMPB01+A TX2: SK110WMPB02+A
42	Well Green	PIFA	IPEX	TX1: -1.61 TX2: -2.84	-0.14 -0.96	TX1: SKW23WMPB01+A TX2: SKW23WMPB02+A
43	Well Green	PIFA	IPEX	TX1: -0.93 TX2: 0.20	0.96 0.86	TX1: SK740WMPB01+A TX2: SK740WMPB02+A
44	ACON	PIFA	IPEX	TX1: -1.26 TX2: 1.95	2.56 1.34	TX1: APP6P-700969 TX2: APP6P-700968
45	WGT	PIFA	IPEX	TX1: 0.46 TX2: -0.79	2.8 1.03	TX1: SKCZTWMPB01+A TX2: SKCZTWMPB02+A
46	WGT	PIFA	IPEX	TX1: 1.48 TX2: 1.15	-0.44 0.42	TX1: SK670WMPB01+A TX2: SK670WMPB02+A
47	FVC	PIFA	IPEX	TX1: 1.58 TX2: 1.75	2.54 2.24	K05007012102
48	FVC	PIFA	IPEX	TX1: 2.7 TX2: 2.19	1.57 2.94	K05007013402
49	FVC	PIFA	IPEX	TX1: 1.51 TX2: 2.04	2.99 3.02	K05007012803
50	FVC	PIFA	IPEX	TX1: 2.53 TX2: 2.28	2.86 3.19	K05007015501
51	FVC	PIFA	IPEX	TX1: 2.85 TX2: 1.59	2.46 2.91	K05007014501
52	FVC	PIFA	IPEX	TX1: 3 TX2: 1.52	2.82 2.21	K05007014201
53	FVC	PIFA	IPEX	TX1: 1.85	1.35	K05007014901
54	FVC	PIFA	IPEX	TX1: 1.94	1.99	K05007015001
55	JEM	PIFA	IPEX	TX1: 2.23 TX2: 2.21	1.69 1.84	1510-0122-0022(IA-120073)
56	WGT	PIFA	IPEX	TX1: -0.66 TX2: 0.78	-0.19 2.06	TX1: SK547WMPB01+A TX2: SK547WMPB02+A
57	WGT	PIFA	IPEX	TX1: 3.03 TX2: 0.55	3.16 0.90	TX1: SK840WMPB01+B_SN TX2: SK840WMPB01+B_SN

58	WGT	PIFA	IPEX	TX1: 3.2	2.28	SKX51WMPB01+C
59	WGT	PIFA	IPEX	TX1: 2.76	2.51	SKX51WMPB02+C
60	WGT	PIFA	IPEX	TX1: 1.79 TX2: 0.66	1.49 -0.40	TX1: SK81WMPB01+A TX2: SK81WMPB02+A
61	WGT	PIFA	IPEX	TX1: 1.36 TX2: 2.88	1.92 3.16	SKW2UWMPB01+A
62	WGT	PIFA	IPEX	TX1: 1.85 TX2: 3.14	1.74 2.1	SKW31WMPB01+A
63	WGT	PIFA	IPEX	TX1: -1.84 TX2: -2.93	0.44 1.35	TX1: SKM11WMPB03+A TX2: SKM11WMPB02+D
64	WGT	PIFA	IPEX	TX1: 2.46 TX2: 2.91	2.9 2.67	SKC45WMPB03+B
65	WGT	PIFA	IPEX	TX1: 1.25 TX2: 3.17	1.95 2.42	SKW24WMPB01+B
66	WGT	PIFA	IPEX	TX1: 0.76 TX2: 0.09	1.97 0.56	TX1: SK555WMPB01+B TX2: SK555WMPB02+B
67	WGT	PIFA	IPEX	TX1: 0.76 TX2: 0.46	1.12 1.44	TX1: SK94SWMPB01+B TX2: SK94SWMPB01+B
68	WGT	PIFA	IPEX	TX1: 1.32 TX2: 1.86	2.59 1.57	TX1: SK94TWMPB01+B TX2: SK94TWMPB01+B
69	WGT	PIFA	IPEX	TX1: -0.03 TX2: -0.13	1.25 2.13	TX1: SK50SWMPB01+A TX2: SK50SWMPB02+A
70	ACON	PIFA	IPEX	TX1: 0.60 TX2: 0.03	1.23 2.45	TX1: APP6P-701010 TX2: APP6P-701011
71	INPAQ	PIFA	IPEX	TX1: 0.60 TX2: 0.03	1.23 2.45	TX1: WA-P-LB-02-094 TX2: WA-P-LB-01-057
72	JEM	PIFA	IPEX	TX1: 1.52 TX2: 2.02	4.40 2.40	TX1: 25CA0-075000-J3R TX2: 25CA0-295000-J3R
73	WGT	PIFA	IPEX	TX1: 1.32 TX2: 1.86	2.59 1.57	TX1: SK94TWMPB01+D TX2: SK94TWMPB01+D
74	Aristotle	PIFA	IPEX	TX1: -0.14 TX2: 1.51	2.15 2.13	TX1: RFA-25-AP158-70B80MA TX2: RFA-25-AP158-70300AU
75	Luxshare	PIFA	IPEX	TX1: 0.45 TX2: 0.49	1.2 -0.39	TX1: L01RF049-YT-R TX2: L01RF050-YT-R
76	Luxshare	PIFA	IPEX	TX1: -0.6 TX2: -0.29	0.74 0.98	TX1: L01RF008-R TX2: L01RF009-R
77	MAG.LAYERS	PIFA	IPEX	TX1: -0.84 TX2: -2.28	1.46 1.37	TX1: 14007-01300600 TX2: 14007-01300700

78	ACON	PIFA	IPEX	TX1: -1.14 TX2: -5.09	1.34 1.51	TX1: APP6P-700944 TX2: APP6P-700945
79	INPAQ	Dipole	IPEX	TX1: 1.13 TX2: 1.29	1.33 1.94	14007-00410200
80	WHAYU	PIFA	IPEX	TX1: -3.31 TX2: -2.73	-3.925 -3.77	TX1: C497-520057-A TX2: C497-520058-A
81	WHAYU	PIFA	IPEX	TX1: -2.79 TX2: -3.12	-3.72 -2.46	TX1: C497-520059-A TX2: C497-520060-A
82	JYT	PIFA	IPEX	TX1: 1.69 TX2: 1.95	0.92 0.73	TX1: 25CA0-060000-J7S 2000000000108 TX2: 25CA0-210001-J7S 2000000000109
83	Wanshih	Dipole	IPEX	TX1: 1.76 TX2: 1.75	1.47 0.92	UC7WFI0005
84	Speed	PIFA	IPEX	TX1: 1.87 TX2: -0.09	1.29 0.59	TX1: F.0G.FS-6004-001 (025.9003S.0001) TX2: F.0G.FS-6004-002 (025.9003T.0001)
85	WNC	PIFA	IPEX	TX1: 1.90 TX2: 1.94	2.79 1.25	TX1: 025.9003Q.0001 (81.EBC15.GAH) TX2: 025.9003R.0001 (81.EBC15.GAJ)
86	Wanshih	PIFA	IPEX	TX1: 2.99 TX2: 3.46	3.12 2.80	TX1: UC7WFI0001 A03 TX2: UC7WFI0002 A02
87	Luxshare	PIFA	IPEX	TX1: 1.57 TX2: -1.49	0 -1.06	TX1: L01RF051-DT-R TX2: L01RF052-DT-R
88	Luxshare	PIFA	IPEX	TX1: 1.7 TX2: -0.93	1.74 -1.21	TX1: L01RF054-DT-R TX2: L01RF053-DT-R
89	ACON	PIFA	IPEX	TX1: 0.62 TX2: 1.01	-0.46 2.44	APP6P-701052
90	JEM	PIFA	IPEX	TX1: 2.74 TX2: 1.06	0.25 1.56	IA-130052
91	JEM	PIFA	IPEX	TX1: 1.78 TX2: 0.96	1.05 0.12	TX1: IAH-1400XX TX2: IAH-1400XX
92	ACON	PIFA	IPEX	TX1: 0.61 TX2: 0.22	-0.65 1.9	APP6P-701052
93	ACON	PIFA	IPEX	TX1: -0.27 TX2: -0.58	0.35 0.52	APP6P-701162

94	JEM	PIFA	IPEX	TX1: 2.81 TX2: 0.41	2.14 2.87	IA-140029
95	JEM	PIFA	IPEX	TX1: 2.74 TX2: 1.06	0.25 1.56	TX1: 1510-0119-0205 TX2: 1510-0119-0205
96	WNC	PIFA	IPEX	TX1: -2.20 TX2: -0.97	-3.08 4.03	TX1: 25.90AH0.001 (81.EEW15.GAS) TX2: 25.90AH1.001 (81.EEW15.GAT)
97	WNC	PIFA	IPEX	TX1: -2.20 TX2: -0.97	-3.08 4.03	TX1: 81.EEW15.GAS TX2: 81.EEW15.GAT
98	ACON	PIFA	IPEX	TX1: 1.85 TX2: 0.28	1.78 -0.58	TX1: APP6P-701213 TX2: APP6P-701214
99	MAG	PIFA	IPEX	TX1: 1.64 TX2: 1.33	1.00 2.04	TX1: MSA-3409-25GC1-A1 TX2: MSA-3310-25GC1-A2
100	INPAQ	PIFA	IPEX	TX1: -1.13 TX2: 0.41	-0.64 -0.50	TX1: WA-P-LB-02-179 TX2: WA-P-LB-01-101
101	LUXSHARE	PIFA	IPEX	TX1: 0.15 TX2: 0.84	-0.33 -0.33	TX1: LA05RF804-1H TX2: LA05RF805-1H
102	MAG	PIFA	IPEX	TX1: 3.0 TX2: 3.0	4.0 4.0	TX1: MSA-3822-25GC1-A1 TX2: MSA-3822-25GC1-A2
103	Smart Approach	PIFA	IPEX	TX1: 1.19 TX2: 1.74	1.67 0.98	TX1: SE-ECA10-001 TX2: SE-ECA10-002
104	TONGDA	PIFA	IPEX	TX1: 2.66 TX2: -0.48	2.16 1.21	TX1: DC33001M000 / T-543-9021035-1 TX2: DC33001M010 / T-543-9021035-2
105	Smart Approach	PIFA	IPEX	TX1: 1.45 TX2: 1.61	1.49 1.76	TX1: SE-ECVY3-001 TX2: SE-ECVY3-001
106	TONGDA	PIFA	IPEX	TX1: 1.79 TX2: 0.60	2.05 0.15	TX1: T-543-9021013-A TX2: T-543-9021013-A
107	HIGH-TEK	PIFA	IPEX	TX1: 0.52 TX2: -0.10	1.90 -1.33	TX1: 0ACCN013037 TX2: 0ACCN013037
108	Luxshare	PIFA	IPEX	TX1: -1.69 TX2: -0.43	1.01 1.14	TX1: L01RF038-DT-R TX2: L01RF039-DT-R
109	ACON	PIFA	IPEX	TX1: 1.82 TX2: 1.22	0.81 0.32	TX1: APP6P-701194 TX2: APP6P-701194
110	JEM	PIFA	IPEX	TX1: 2.73 TX2: 2.45	2.34 0.07	TX1: IAH-140030 TX2: IAH-140030
111	JEM	PIFA	IPEX	TX1: 2.88 TX2: 2.98	1.03 -0.25	TX1: IAH-140030 TX2: IAH-140030

112	ACON	PIFA	IPEX	TX1: 1.82 TX2: 1.22	0.81 0.32	TX1: APP6P-701194 TX2: APP6P-701194
113	ACON	PIFA	IPEX	TX1: 1.85 TX2: 2.20	2.91 2.22	TX1: APP6P-701232 TX2: APP6P-701233
114	YAGEO	PIFA	IPEX	TX1: 1.31 TX2: -1.35	0.89 1.32	TX1: 1415-040A000/ ANTA0ZP09021WLAN1 TX2: 1415-0407000/ ANTA0ZP09021WLAN2
115	ACON	PIFA	IPEX	TX1: 1.08 TX2: -0.33	0.82 0.28	TX1: DC33001NS00 / APP6Y-700054 TX2: DC33001NS00 / APP6Y-700054
116	HONGLIN	PIFA	IPEX	TX1: 0.91 TX2: 0.94	0.45 -1.11	TX1: 260-24055 TX2: 260-24055
117	WNC	PIFA	IPEX	TX1: -1.51 TX2: -0.45	2.13 -0.59	TX1: DC33001O600 (81EAAS15.G72) TX2: DC33001O600 (81EAAS15.G72)
118	ACON	PIFA	IPEX	TX1: 1.99 TX2: 1.90	1.97 1.79	TX1: APP6P-701314 TX2: APP6P-701315
119	ACON	PIFA	IPEX	TX1: -1.36	-1.84	TX1: APM6Y-700023
120	LUXSHARE	PIFA	IPEX	TX1: 2.74 TX2: 1.71	3.19 -1.36	TX1: LB001LC018 TX2: LB001LC019
121	HONGLIN	PIFA	IPEX	TX1: 0.38 TX2: 0.82	0.98 0.18	TX1: DC330160300 TX2: DC330160310
122	LUXSHARE	PIFA	IPEX	TX1: 1.27 TX2: -0.1	2.9 2.50	TX1: DC330017L00 TX2: DC330017L10
123	Speed	PIFA	IPEX	TX1: 0.23 TX2: 1.25	2.29 2.48	TX1: DC330017G00 TX2: DC330017G10
124	HONGLIN	PIFA	IPEX	TX1: 1.51 TX2: 1.83	1.63 2.70	TX1: DC330160400 TX2: DC330160410
125	LUXSHARE	PIFA	IPEX	TX1: 1.60 TX2: 0.84	1.39 2.22	TX1: DC330017M00 TX2: DC330017M10
126	Speed	PIFA	IPEX	TX1: 1.87 TX2: 2.85	2.73 2.51	TX1: DC330017J00 TX2: DC330017J10
127	LUXSHAREICT	PIFA	IPEX	TX1: -0.2 TX2: -1.49	-1.93 -0.83	TX1: LB302LC302 TX2: LB304LC304
128	TongDa	PIFA	IPEX	TX1: 0.10 TX2: -1.30	-0.80 -2.73	TX1: T-543-3010220-1 TX2: T-543-3010220-2
129	ACON	PIFA	IPEX	TX1: -1.67 TX2: -1.33	-1.81 -1.62	TX1: N1P6Y-200001 TX2: N1P6Y-200001

130	ACON	PIFA	IPEX	TX1: 0.61 TX2: -2.75	-1.15 -1.05	TX1: N1P6Y-200000 TX2: N1P6Y-200000
131	WNC	PIFA	IPEX	TX1: 1.58 TX2: 0.66	-1.35 -0.05	TX1: DQ6S15G7300 (81EAAS15.G73) TX2: DQ6S15G7300 (81EAAS15.G73)
132	WNC	PIFA	IPEX	TX1: 0.45 TX2: -0.65	0.39 -0.36	TX1: DQ6S15G7700 (81EAAS15.G77) TX2: DQ6S15G7700 (81EAAS15.G77)
133	SIMYA	PIFA	IPEX	TX1: 0.79 TX2: -0.65	-0.86 -1.33	TX1: DQ601008900 TX2: DQ601008900
134	SIMYA	PIFA	IPEX	TX1: -1.37 TX2: -0.88	0.47 -1.02	TX1: DQ601009700 TX2: DQ601009700
135	ACON	PIFA	IPEX	TX1: -0.44 TX2: -1.09	-0.68 -3.08	TX1: APP6Y-700261 TX2: APP6Y-700261
136	WNC	PIFA	IPEX	TX1: 1.64 TX2: -0.95	-0.39 -0.41	TX1: DQ6S15G7400 TX2: 81EAAS15.G74
137	High-Tek	PIFA	IPEX	TX1: 0.47 TX2: 2.98	3.08 3.24	TX1: 0ACCN015004N TX2: 0ACCN015005N
138	Tongda	PIFA	IPEX	TX1: 0.12 TX2: 0.21	1.67 2.80	TX1: T-543-9021077-1 TX2: T-543-9021077-2
139	ACON	PIFA	IPEX	TX1: -1.6 TX2: 1.6	1.5 0.8	TX1: AAM6Y-200002 TX2: AAM6Y-200002
140	JEM	PIFA	IPEX	TX1: 0.15 TX2: 2.49	0.22 0.55	TX1: IAH150012 TX2: IAH150012
141	ECT	PIFA	IPEX	TX1: 2.45 TX2: 2.90	2.87 2.51	TX1: 81800T029 TX2: 81800T029
142	LUXSHARE-ICT	PIFA	IPEX	TX1: 0.32 TX2: -2	0.85 -0.33	TX1: L01RF056-DT-R TX2: L01RF055-DT-R
143	LUXSHARE-ICT	PIFA	IPEX	TX1: -1.9 TX2: -3.82	-2.31 -2.83	TX1: L01RF064-DT-R TX2: L01RF063-DT-R
144	High-Tek	PIFA	IPEX	TX1: -0.11 TX2: 0.36	2.48 2.19	TX1: 025.900CR.0001 TX2: 025.900CS.0001
145	WNC	PIFA	IPEX	TX1: 2.23 TX2: -0.15	-3.04 -1.39	TX1: 025.900CR.0011 TX2: 025.900CS.0011
146	High-Tek	PIFA	IPEX	TX1: 1 TX2: -0.89	2.67 1.03	TX1: 025.900CP.0001 TX2: 025.900CQ.0001

147	WNC	PIFA	IPEX	TX1: -2.21 TX2: -3.72	0.21 -2.66	TX1: 025.9006P.0001 TX2: 025.9006Q.0001
148	High-Tek	PIFA	IPEX	TX1: -0.84 TX2: -2.89	0.87 -0.78	TX1: 025.9006P.0011 TX2: 025.9006Q.0011
149	JEM	PIFA	IPEX	TX1: 2.46 TX2: 1.88	2.20 2.90	TX1: IAH-150012 TX2: IAH-150012
150	LUXSHARE-ICT	PIFA	IPEX	TX1: -0.04 TX2: -3.82	-0.12 -2.83	TX1: L01RF072-DT-R/ L01RF031-DT-R TX2: L01RF063-DT-R
151	ACON	PIFA	IPEX	TX1: 1.92 TX2: 1.88	2.84 1.69	TX1: AAP6Y-100000 TX2: AAP6Y-100001
152	TONGDA	PIFA	IPEX	TX1: 1.61 TX2: 1.40	2.47 0.79	TX1: T-543-9021081-1 TX2: T-543-9021081-2
153	ACON	PIFA	IPEX	TX1: 1.94 TX2: 1.92	0.32 0.55	TX1: AAP6Y-100004 TX2: AAP6Y-100005
154	TONGDA	PIFA	IPEX	TX1: 2.43 TX2: 1.46	1.88 0.56	TX1: T-543-9021080-1 TX2: T-543-9021080-2
155	HONGLIN	PIFA	IPEX	TX1: -2.44 TX2: -1.29	-0.31 -0.02	TX1: 260-26072 TX2: 260-26073
156	LUXSHARE-ICT	PIFA	IPEX	TX1: 1.4 TX2: -0.4	1.4 -1.8	TX1: L0ERF003-DT-R (025.900BR.0001) TX2: L0ERF005-DT-R (025.900BQ.0001)
157	LUXSHARE-ICT	PIFA	IPEX	TX1: 1.78 TX2: -0.08	1.37 1.65	TX1: DC33001EH00 TX2: DC33001EH10
158	Speed Wireless	PIFA	IPEX	TX1: -0.89 TX2: 0.61	2.03 2.13	TX1: DC33001EJ00 TX2: DC33001EJ10
159	Speed Wireless	PIFA	IPEX	TX1: 1.75 TX2: -1.03	0.21 0.86	TX1: DC33001DU00 TX2: DC33001DU10
160	Yageo	PIFA	IPEX	TX1: 1.69 TX2: -1.03	0.32 0.76	TX1: DC33001DX00 TX2: DC33001DX10
161	Speed Wireless	PIFA	IPEX	TX1: 2.08 TX2: 0	2.97 -0.88	TX1: DC33001DV00 TX2: DC33001DV10
162	Yageo	PIFA	IPEX	TX1: 1.86 TX2: 0.21	0.21 -0.33	TX1: DC33001DW00 TX2: DC33001DW10
163	HongLin	PIFA	IPEX	TX1: 0.95 TX2: 0.78	1.55 -0.21	TX1: DC33001DB00 TX2: DC33001DB10
164	LUXSHARE-ICT	PIFA	IPEX	TX1: 1.87 TX2: 1.82	1.56 -0.93	TX1: DC33001D900 TX2: DC33001D910

165	WANSHIH	PIFA	IPEX	TX1: 0.10 TX2: -3.33	2.46 2.34	TX1: UC7WFI0009A TX2: UC7WFI0010A
166	ARISTOTLE	Dipole	IPEX	TX1: 2.56	1.81	TX1: RFA-25-C2M2-M10-1
166	High-Tek	PIFA	IPEX	TX1: 0.64 TX2: -2.33	1.80 1.41	TX1: 0ACCN014009N (DC33001MI00) TX2: 0ACCN014010N (DC33001MI10)
167	TONGDA	PIFA	IPEX	TX1: 0.74 TX2: -0.07	-0.47 0.93	TX1: T-543-9021043-1 (DC33001MD00) TX2: T-543-9021043-2 (DC33001MD10)
168	ACON	PIFA	IPEX	TX1: -2.10 TX2: -2.30	0.70 -0.20	TX1: ADP6Y-100003 TX2: ADP6Y-100004
169	ACON	PIFA	IPEX	TX1: 2.38 TX2: 1.56	0.42 -2.84	TX1: APM6Y-700021 TX2: APM6Y-700021
170	High-Tek	PIFA	IPEX	TX1: -0.20 TX2: 0.53	-0.61 0.35	TX1: 025.900EC.0011 TX2: 025.900ED.0011
171	WNC	PIFA	IPEX	TX1: 1.84 TX2: 1.95	1.41 0.83	TX1: 025.900EC.0001 TX2: 025.900ED.0001
172	QC0M	Dipole	IPEX	TX1: 2.4	2.8	TX1: T000CCD-80
173	QC0M	Dipole	IPEX	TX1: 2.3	2.6	TX1: T000CCD-250
174	PSA	Dipole	IPEX	TX1: 2.46	3.78	TX1: RFDPA870918EMLB302
175	PSA	Dipole	IPEX	TX1: 2.44	3.78	TX1: RFDPA870940EMLB303