Appendix D. Antenna List

Table for Filed Antenna

No.	Brand	Ant. Type	Con. Type	Peak Gain (dBi)	Model No.
1	LYNwave	PIFA	IPEX MHF4	TX1: 3.5	TX1: ALA110-222050-300011
2	FVC	PIFA	IPEX	TX1: 1.58 TX2: 1.75	K05007012102
3	FVC	PIFA	IPEX	TX1: 2.7 TX2: 2.19	K05007013402
4	FVC	PIFA	IPEX	TX1: 1.51 TX2: 2.04	K05007012803
5	FVC	PIFA	IPEX	TX1: 2.53 TX2: 2.28	K05007015501
6	FVC	PIFA	IPEX	TX1: 2.85 TX2: 1.59	K05007014501
7	FVC	PIFA	IPEX	TX1: 3.00 TX2: 1.52	K05007014201
8	FVC	PIFA	IPEX	TX1: 1.85 TX2: 1.94	TX1: K05007014901 TX2: K05007015001
9	ACON	PIFA	IPEX	TX1: -0.57 TX2: -1.61	TX1: APP6P-700900 TX2: APP6P-700900
10	JEM	PIFA	IPEX	TX1: 2.23 TX2: 2.21	1510-0122-0022(IA-120073)
11	WGT	PIFA	IPEX	TX1: 3.2 TX2 :2.76	TX1: SKX51WMPB01+C TX2: SKX51WMPB02+C
12	Yageo	PIFA	IPEX	TX1: 0.24 TX2: 0.59	TX1: ANTA0ZP08021WLAN1 TX2: ANTA0ZP08021WLAN2
13	WGT	PIFA	IPEX	TX1: 1.79 TX2: 0.66	TX1: SK 81WMPB01+A TX2: SK 81WMPB02+A
14	WGT	PIFA	IPEX	TX1: 1.36 TX2: 2.88	SKW2UWMPB01+A
15	WGT	PIFA	IPEX	TX1: 1.85 TX2: 3.14	SKW31WMPB01+A
16	WGT	PIFA	IPEX	TX1: -1.84 TX2: -2.93	TX1: SKM11WMPB03+A TX2: SKM11WMPB02+D
17	WGT	PIFA	IPEX	TX1: 2.46 TX2: 2.91	SKC45WMPB03+B
18	WGT	PIFA	IPEX	TX1: 1.25 TX2: 3.17	SKW24WMPB01+B

19	WGT	PIFA	IPEX	TX1: 0.76 TX2: 0.09	TX1: SK555WMPB01+B TX2: SK555WMPB02+B
20	ACON	PIFA	IPEX	TX1: 1.94 TX2: 1.40	TX1: DQ60APP6P81 TX2: DQ60APP6P80
21	HONGLIN	PIFA	IPEX	TX1: -0.50 TX2: -0.19	TX1: DQ602352300 TX2: DQ602352200
22	Amphenol	PIFA	IPEX	TX1: 1.82 TX2: 2.64	TX1: DC330016100 TX2: DC330016110
23	Amphenol	PIFA	IPEX	TX1: -0.35 TX2: 0.59	TX1: DC330016180 TX2: DC330016190
24	Luxshare-ICT	PIFA	IPEX	TX1: -0.07 TX2: 0.32	TX1: DC330015Z80 TX2: DC330015Z90
25	Luxshare-ICT	PIFA	IPEX	TX1: -1.45 TX2: -0.37	TX1: DC330015Z00 TX2: DC330015Z10
26	Amphenol	PIFA	IPEX	TX1: 1.64 TX2: 1.47	TX1: DC330016160 TX2: DC330016170
27	Luxshare-ICT	PIFA	IPEX	TX1: -0.38 TX2: -0.60	TX1: DC330015Z60 TX2: DC330015Z70
28	Amphenol	PIFA	IPEX	TX1: 1.67 TX2: 2.26	TX1: DC3300161A0 TX2: DC3300161B0
29	Luxshare-ICT	PIFA	IPEX	TX1: 1.1 TX2: 0.1	TX1: DC330015ZA0 TX2: DC330015ZB0
30	Amphenol	PIFA	IPEX	TX1: -0.22 TX2: -1.73	TX1: DC330016200 TX2: DC330016210
31	Amphenol	PIFA	IPEX	TX1: -2.62 TX2: -0.70	TX1: DC330016220 TX2: DC330016230
32	Luxshare-ICT	PIFA	IPEX	TX1: -0.94 TX2: -1.11	TX1: DC330016020 TX2: DC330016030
33	Luxshare-ICT	PIFA	IPEX	TX1: -4.49 TX2: -1.68	TX1: DC330016000 TX2: DC330016010
34	Amphenol	PIFA	IPEX	TX1: -0.46 TX2: -0.98	TX1: DC330016260 TX2: DC330016270
35	Luxshare-ICT	PIFA	IPEX	TX1: -0.43 TX2: 0.84	TX1: DC330016060 TX2: DC330016070
36	HIGH-TEK	PIFA	IPEX	TX1: -0.69 TX2: -0.61	TX1: DC33001C100 TX2: DC33001C100
37	JESS-LINK	PIFA	IPEX	TX1: -1.90 TX2: -0.98	TX1: DC33001AX00 TX2: DC33001AX00

38	YAGEO	PIFA	IPEX	TX1: -0.27 TX2: -0.88	TX1: 25.90AH8.021 TX2: 25.90AH7.021
39	ACON	PIFA	IPEX	TX1: 0.96 TX2: 1.33	TX1: ATP6P-700000 TX2: ATP6P-700001
40	ACON	PIFA	IPEX	TX1: 1.92 TX2: 2.20	TX1: APP6P-700853 TX2: APP6P-700854
41	ACON	PIFA	IPEX	TX1: 1.20 TX2: 0.11	APP6P-700931
42	WNC	PIFA	IPEX	TX1: 0.24 TX2: -0.58	TX1: 25.90AH8.001 TX2: 25.90AH7.001
43	ACON	PIFA	IPEX	TX1: -0.84 TX2: -1.60	APP6P-700932
44	WNC	PIFA	IPEX	TX1: 0.20 TX2: -0.60	81EAAS15.G01 (DC33001EK00)
45	Luxshared	PIFA	IPEX	TX1: -0.77	L01RF035-DT-R
46	TE	PIFA	IPEX	TX1: -0.63 TX2: -1.69	TX1: 25.90AC4.011 TX2: 25.90AC3.011
47	WNC	PIFA	IPEX	TX1: 1.19 TX2: -0.14	TX1: 25.90AC4.001 TX2: 25.90AC3.001
48	WGT	PIFA	IPEX	TX1: 1.05 TX2: -0.41	TX1: SK110WMPB01+A TX2: SK110WMPB02+A
49	WGT	PIFA	IPEX	TX1: -1.61 TX2: -2.84	TX1: SKW23WMPB01+A TX2: SKW23WMPB02+A
50	WGT	PIFA	IPEX	TX1: -0.66 TX2: 0.78	TX1: SK547WMPB01+A TX2: SK549WMPB02+A
51	WGT	PIFA	IPEX	TX1: -0.93 TX2: 0.20	TX1: SK740WMPB01+A TX2: SK740WMPB02+A
52	WGT	PIFA	IPEX	TX1: 3.03 TX2: 0.55	TX1: SK840WMPB01+B_SN TX2: SK840WMPB01+B_SN

53	WNC	PIFA	IPEX	TX1: -0.26 TX2: -0.67	TX1: 81EAAS15.G02 TX2: 81EAAS15.G02
54	WNC	PIFA	IPEX	TX1: 0.89 TX2: 0.14	DC33001EK40 (81EAAS15.G05)
55	WNC	PIFA	IPEX	TX1: -0.06 TX2: 0.25	TX1: 81.EL415.G28.X01 TX2: 81.EL415.G29.X01
56	TONGDA	PIFA	IPEX	TX1: -0.57 TX2: 0.14	TX1: T-543-900100-12 TX2: T-543-900100-12
57	TONGDA	PIFA	IPEX	TX1: -1.96 TX2: 0.11	TX1: DC33001F300 / T-543-900100-02 TX2: DC33001F300 / T-543-900100-02
58	TONGDA	PIFA	IPEX	TX1: -0.37 TX2: 0.39	TX1: T-543-900100-01 TX2: T-543-900100-01
59	WGT	PIFA	IPEX	TX1: 0.46 TX2: -0.79	TX1: SKCZTWMPB01+A TX2: SKCZTWMPB02+A
60	WGT	PIFA	IPEX	TX1: 1.48 TX2: 1.15	TX1: SK670WMPB01+A TX2: SK670WMPB02+A
61	INPAQ	PIFA	IPEX	TX1: -3.66 TX2: -1.78	TX1: WA-P-LB-02-082 TX2: WA-P-LB-01-046
62	Smart-Approach	PIFA	IPEX	TX1: -4.42 TX2: -4.71	TX1: SE-ECZA0-001 TX2: SE-ECZA0-002
63	WNC	PIFA	IPEX	TX1: 0.26 TX2: -0.65	TX1: 81EAAS15.G13 TX2: 81EAAS15.G14
64	WNC	PIFA	IPEX	TX1: 0.01 TX2: -0.36	TX1: 81EAAS15.G09 TX2: 81EAAS15.G10
65	ACON	PIFA	IPEX	TX1: 1.84 TX2: 1.05	TX1: APP6P-700917 TX2: APP6P-700918
66	ACON	PIFA	IPEX	TX1: 0.17 TX2: -1.20	TX1: APP6P-700915 TX2: APP6P-700916
67	JEM	PIFA	IPEX	TX1: 2.13 TX2: 2.04	TX1: IA 120278 TX2: IA 120279
68	JEM	PIFA	IPEX	TX1: 2.06 TX2: 2.77	IA-120007
69	JEM	PIFA	IPEX	TX1: 1.60 TX2: 2.93	IA-120007
70	WGT	PIFA	IPEX	TX1: 0.76 TX2: 0.46	TX1: SK94SWMPB01+B TX2: SK94SWMPB01+B
71	WGT	PIFA	IPEX	TX1: 1.32 TX2: 1.86	TX1: SK94TWMPB01+B TX2: SK94TWMPB01+B

72	WGT	PIFA	IPEX	TX1: -0.03	TX1: SK50SWMPB01+A
				TX2: -0.13	TX2: SK50SWMPB02+A
73	ACON	PIFA	IPEX	TX1: 0.84	TX1: APM8P-700072
				TX2: -0.27	TX2: APM8P-700073
74	ACON	PIFA	IPEX	TX1: 0.76	TX1: APP8P-700461
				TX2: -0.52	TX2: APP8P-700462
75	ACON	PIFA	IPEX	TX1: 1.74	TX1: APM8P-700070
				TX2: 1.01	TX2: APM8P-700071
76	ACON	PIFA	IPEX	TX1: 2.92	TX1: APP8P-700463
				TX2: 0.06	TX2: APP8P-700464
77	HongLin	PIFA	IPEX	TX1: -0.8	TX1: 260-24018
				TX2: 0.72	TX2: 260-24017
78	WNC	PIFA	IPEX	TX1: -0.85	TX1: DC33001CA20 (81.EK515.G52)
				TX2: -0.51	TX2: DC33001CA30 (81.EK515.G53)
79	ACON	PIFA	IPEX	TX1: 0.82	TX1: APP8P-700473
				TX2: 2.07	TX2: APP8P-700474
80	HongLin	PIFA	IPEX	TX1: 1.88	TX1: 260-24016
				TX2: 1.31	TX2: 260-24015
81	HongLin	PIFA	IPEX	TX1: 0.87	TX1: 260-24011
				TX2: -0.53	TX2: 260-24010
82	HongLin	PIFA	IPEX	TX1: 0.34	TX1: 260-24013
				TX2: 1.98	TX2: 260-24012
83	HongLin	PIFA	IPEX	TX1: 1.92	TX1: 260-24001
				TX2: -0.14	TX2: 260-24000
84	HongLin	PIFA	IPEX	TX1: 1.85	TX1: 260-24003
				TX2: 0.94	TX2: 260-24002
85	Smart Approach	PIFA	IPEX	TX1: 0.37	TX1: SE-ECWGP-001
				TX2: 1.35	TX2: SE-ECWGP-002
86	Smart Approach	PIFA	IPEX	TX1: 0.08	TX1: SE-ECLG2-001
				TX2: 1.33	TX2: SE-ECLG2-002
87	Smart Approach	PIFA	IPEX	TX1: 1.19	TX1: SE-ECWGR-001
				TX2: 1.54	TX2: SE-ECWGR-002
88	Smart Approach	PIFA	IPEX	TX1: -0.04	TX1: SE-ECLG1-001
				TX2: 1.10	TX2: SE-ECLG1-002
89	WNC	PIFA	IPEX	TX1: 0.45	TX1: 81.EK515.G36
				TX2: 1.06	TX2: 81.EK515.G37
90	WNC	PIFA	IPEX	TX1: -0.90	TX1: DC33001CA00 (81.EK515.G46)
				TX2: -2.06	TX2: DC33001CA10 (81.EK515.G47)

91	WNC	PIFA	IPEX	TX1: 0.77 TX2: 0.11	TX1: 81.EK515.G38 TX2: 81.EK515.G39
92	WNC	PIFA	IPEX	TX1: -0.20 TX2: -1.54	TX1: DC33001CC00 (81.EK515.G48) TX2: DC33001CC10 (81.EK515.G49)
93	JEM	PIFA	IPEX	TX1: 2.77 TX2: 3.13	TX1: IA-130306 TX2: IA-130307
94	JEM	PIFA	IPEX	TX1: 2.09 TX2: 1.77	TX1: IA-130082 TX2: IA-130083
95	JEM	PIFA	IPEX	TX1: 1.68 TX2: 1.52	TX1: IA-130086 (13B130-FT2070) TX2: IA-130087 (13B130-FT2071)
96	JEM	PIFA	IPEX	TX1: 2.13 TX2: 1.85	TX1: IA-130086 (13B130-FT2070) TX2: IA-130087 (13B130-FT2071)
97	WGT	PIFA	IPEX	TX1: 2.81 TX2: 1.92	TX1: EGTZ2WIPB01+A (13B130-JV3051 ES) TX2: EGTZ2WIPB02+A (13B130-JV3050 ES)
98	WGT	PIFA	IPEX	TX1: 2.5 TX2: 1.65	TX1: EGS45WIPB02+A (13B130-FT2050) TX2: EGS45WIPB01+A (13B130-FT2051)
99	WGT	PIFA	IPEX	TX1: -3.11 TX2: 1.46	TX1: EGS45WIPB02+A (13B130-FT2050) TX2: EGS45WIPB01+A (13B130-FT2051)
100	Luxshare	PIFA	IPEX	TX1: -1.45 TX2: 0.11	TX1: L01RF024-YT-R TX2: L01RF032-YT-R
101	Luxshare	PIFA	IPEX	TX1: 2.51 TX2: 0.14	TX1: L01RF031-DT-R TX2: L01RF013-R
102	Luxshare	PIFA	IPEX	TX1: 2.51 TX2: -0.14	TX1: L01RF031-DT-R TX2: L01RF014-R
103	Luxshare	PIFA	IPEX	TX1: 2.51 TX2: -0.04	TX1: L01RF031-DT-R TX2: L01RF022-DT-R
104	Luxshare	PIFA	IPEX	TX1: 2.51 TX2: 2.51	TX1: L01RF031-DT-R TX2: L01RF031-DT-R
105	JEM	PIFA	IPEX	TX1: 2.64 TX2: -0.19	TX1: IA-130096 TX2: IA-130096
106	JEM	PIFA	IPEX	TX1: 2.03 TX2: -1.19	TX1: IA-130173 TX2: IA-130173

107	JEM	PIFA	IPEX	TX1: 1.05 TX2: -1.60	TX1: IA-130313 TX2: IA-130313
108	JEM	PIFA	IPEX	TX1: 2.57 TX2: 1.55	TX1: IA-130314 TX2: IA-130314
109	Smart Approach	PIFA	IPEX	TX1: -0.27 TX2: 0.85	TX1: SE-ECWU6-001 TX2: SE-ECWU6-001
110	Smart Approach	PIFA	IPEX	TX1: 0.22 TX2: 0.94	TX1: SE-ECWF5-001 TX2: SE-ECWF5-001
111	Yageo	PIFA	IPEX	TX1: -0.12 TX2: -1.03	TX1: CAN4313NC0753LLB1 TX2: CAN4313NC0753LLB1
112	Smart Approach	PIFA	IPEX	TX1: -0.57 TX2: 1.13	TX1: SE-ECWF5-002 TX2: SE-ECWF5-002
113	Yageo	PIFA	IPEX	TX1: 1.13 TX2: -0.03	TX1: CAN4313NC0753LLB2 TX2: CAN4313NC0753LLB2
114	Hong-Lin	PIFA	IPEX	TX1: 2.85 TX2: 0.43	TX1: 260-23557 TX2: 260-23556
115	ACON	PIFA	IPEX	TX1: 0.17 TX2: -1.20	TX1: APP6Y-700000 TX2: APP6Y-700001
116	ACON	PIFA	IPEX	TX1: 1.84 TX2: 1.05	TX1: APP6Y-700002 TX2: APP6Y-700003
117	WNC	PIFA	IPEX	TX1: 0.01 TX2: -0.36	TX1: 81EAAS15.G19 TX2: 81EAAS15.G20
118	WNC	PIFA	IPEX	TX1: 0.26 TX2: -0.65	TX1: 81EAAS15.G17 TX2: 81EAAS15.G18
119	ACON	PIFA	IPEX	TX1: 0.32 TX2: 0.53	TX1: 25.90ALM.001 (AMM8P-700026) TX2: 25.90ALN.001 (AMM8P-700027)
120	INNOWAVE	PIFA	IPEX	TX1: 0.77 TX2: -0.62	TX1: 25.90ALO.001 (640-INNEP0008-A) TX2: 25.90ALP.001 (640-INNEP0007-A)
121	ACON	PIFA	IPEX	TX1: 1.73 TX2: 1.47	TX1: AMM6P-700025 (25.90AL4.001) TX2: AMM6P-700026 (25.90AL5.001)
122	INNOWAVE	PIFA	IPEX	TX1: 0.54 TX2: 1.79	TX1: 25.90AL7.001 (640-INNEP0005-A) TX2: 25.90AL8.001 (640-INNEP0006-A)
123	Foxconn	PIFA	IPEX	TX1: -4.13 TX2: -2.85	TX1: DQ608300300 TX2: DQ608300300
124	WGT	PIFA	IPEX	TX1: 1.32 TX2: 1.86	TX1: SK94TWMPB01+D TX2: SK94TWMPB01+D
125	HONGLIN	PIFA	IPEX	TX1: 0.64	TX1: 260-24032

				TX2: 2.01	TX2: 260-24031
126	TONGDA	PIFA	IPEX	TX1: 1.95	TX1: DC33001GR00 / T-543-9021004-1
				TX2: 0.96	TX2: DC33001GR10 / T-543-9021004-2
127	INPAQ	PIFA	IPEX	TX1: -3.18	TX1: WA-P-LB-02-088
				TX2: -0.93	TX2: WA-P-LB-01-049
128	Smart-Approach	PIFA	IPEX	TX1: -0.23	TX1: SE-ECSA0-001
				TX2: -2.93	TX2: SE-ECSA0-002
129	Auden	PIFA	IPEX	TX1: -0.02	TX1: BAUK01063-WIFI-L
				TX2: 2.03	TX2: BAUK01063-WIFI-R
130	INPAQ	PIFA	IPEX	TX1: -0.11	TX1: WA-P-LB-10-015-L
				TX2: 1.00	TX2: WA-P-LB-10-015-R
131	JEM	PIFA	IPEX	TX1: 0.08	TX1: IA-130361
				TX2: 1.07	TX2: IA-130362
132	JEM	PIFA	IPEX	TX1: 2.63	TX1: IA-130157 (13B130-FU4070)
				TX2: 0.19	TX2: IA-130158 (13B130-FU4071)
133	WGT	PIFA	IPEX	TX1: 2.82	TX1: EGC10WIPB01+A (13B130-FS8050)
				TX2: 1.57	TX2: EGC10WIPB02+A (13B130-FS8051)
134	WGT	PIFA	IPEX	TX1: 3.38	TX1: EG10MWIPB01+A (13B130-FU4051 ES)
				TX2: 3.28	TX2: EG10MWIPB02+A (13B130-FU4050 ES)
135	WNC	PIFA	IPEX	TX1: 2.75	TX1: 81.EEW.15.GAF (25.90AEM.001)
				TX2: 1.79	TX2: 81.EEW.15.GAG (25.90AEN.001)
136	ACON	PIFA	IPEX	TX1: -0.21	TX1: AMM6P-700041 (025.9001G.0001)
				TX2: -0.82	TX2: AMM8P-700031 (025.9001H.0001)
137	INNOWAVE	PIFA	IPEX	TX1: 1.58	TX1: 640-INNEP0036-A (025.9001I.0001)
				TX2: 0.51	TX2: 640-INNEP0037-A (025.9001J.0001)
138	LUXSHARE	PIFA	IPEX	TX1: 1.27	TX1: DC330017L00
				TX2: -0.1	TX2: DC330017L10
139	Speed	PIFA	IPEX	TX1: 0.23	TX1: DC330017G00
				TX2: 1.25	TX2: DC330017G10
140	LUXSHARE	PIFA	IPEX	TX1: 1.60	TX1: DC330017M00
				TX2: 0.84	TX2: DC330017M10
141	Speed	PIFA	IPEX	TX1: 1.87	TX1: DC330017J00

				TX2: 2.85	TX2: DC330017J10
142	WNC	PIFA	IPEX	TX1: 1.55	TX1: 81.EKU15.G59
				TX2: 0.76	TX2: 81.EKU15.G60
143	TONGDA	PIFA	IPEX	TX1: -0.23	TX1: T-543-9021015-1
				TX2: 0.83	TX2: T-543-9021015-2
144	ACON	PIFA	IPEX	TX1: -0.7	TX1: APP6Y-700015
				TX2: -1.85	TX2: APP6Y-700016
145	Smart Approach	PIFA	IPEX	TX1: 1.33	TX1: SE-ECB14-001
				TX2: 1.13	TX2: SE-ECB14-002
146	HONGLIN	PIFA	IPEX	TX1: -1.15	TX1: 260-24034
				TX2: 0.42	TX2: 260-24033
147	Speed	PIFA	IPEX	TX1: -0.09	TX1: F.0G.FH-6004-001
				TX2: -2.17	TX2: F.0G.FH-6004-002
148	WNC	PIFA	IPEX	TX1: 1.91	TX1: 81.EKU15.G61
				TX2: 1.72	TX2: 81.EKU15.G62
149	WNC	PIFA	IPEX	TX1: 0.49	TX1: 81.EKU15.G55
				TX2: 1.30	TX2: 81.EKU15.G56
150	TONGDA	PIFA	IPEX	TX1: 1.86	TX1: T-543-9021017-1
				TX2: -0.25	TX2: T-543-9021017-2
151	Smart approach	PIFA	IPEX	TX1: 0.19	TX1: SE-ECB15-001
				TX2: 0.75	TX2: SE-ECB15-002
152	ACON	PIFA	IPEX	TX1: 0.47	TX1: APP6Y-700021
				TX2: 1	TX2: APP6Y-700022
153	HONGLIN	PIFA	IPEX	TX1: 0.53	TX1: 260-24036
				TX2: 1.75	TX2: 260-24035
154	Speed	PIFA	IPEX	TX1: -0.96	TX1: F.0G.FH-6005-001
				TX2: -0.32	TX2: F.0G.FH-6005-002
155	WNC	PIFA	IPEX	TX1: 1.91	TX1: 81.EKU15.G57
				TX2: 1.97	TX2: 81.EKU15.G58
156	WNC	PIFA	IPEX	TX1: 1.94	TX1: 81.EKU15.G53
				TX2: 0.62	TX2: 81.EKU15.G54
157	TONGDA	PIFA	IPEX	TX1: 1.95	TX1: T-543-9021010-1
				TX2: 0.36	TX2: T-543-9021010-2
158	Smart approach	PIFA	IPEX	TX1: 0.30	TX1: SE-ECWE0-001
				TX2: 1.02	TX2: SE-ECWE0-002
159	ACON	PIFA	IPEX	TX1: 0.27	TX1: APP6Y-700019
				TX2: 1.34	TX2: APP6Y-700020
160	HIGH-TEK	PIFA	IPEX	TX1: 1.19	TX1: 0ACCN013035N

				TX2: 0.3	TX2: 0ACCN013035N
161	Smart approach	PIFA	IPEX	TX1: 0.61	TX1: SE-ECVY1-001
				TX2: 1.29	TX2: SE-ECVY1-001
162	Smart approach	PIFA	IPEX	TX1: 1.80	TX1: SE-ECVY2-001
				TX2: -3.13	TX2: SE-ECVY2-001
163	TONGDA	PIFA	IPEX	TX1: 1.98	TX1: T-543-9021012-A
				TX2: 1.85	TX2: T-543-9021012-A
164	HIGH-TEK	PIFA	IPEX	TX1: -0.07	TX1: 0ACCN013036
				TX2: -1.81	TX2: 0ACCN013036
165	Zhan yun	PIFA	IPEX	TX1: 1.16	TX1: QTFF6-EQL0202A
				TX2: 1.31	TX2: QTFF6-EQL0202A
166	Zhan yun	PIFA	IPEX	TX1: 0.34	TX1: QTFF6-EQL0102A
				TX2: 0.56	TX2: QTFF6-EQL0102A
167	VSO	PIFA	IPEX	TX1: 2.07	TX1: 821-101-01211090
				TX2: 0.39	TX2: 821-101-01211100
168	Hong-Lin	PIFA	IPEX	TX1: 2.85	TX1: 260-23557
				TX2: 0.43	TX2: 260-23556
169	HIGH-TEK	PIFA	IPEX	TX1: -0.87	TX1: 025.9002N.0011
				TX2: 0.77	TX2: 025.9002M.0011
170	WNC	PIFA	IPEX	TX1: 0.33	TX1: 025.9002N.0001
				TX2: 1.03	TX2: 025.9002M.0001
171	HIGH-TEK	PIFA	IPEX	TX1: -0.6	TX1: 025.90027.0011
				TX2: -1.54	TX2: 025.90026.0011
172	WNC	PIFA	IPEX	TX1: -1.09	TX1: 025.90027.0001
				TX2: 0.62	TX2: 025.90026.0001
173	INNOWAVE	PIFA	IPEX	TX1: -1.17	TX1: 025.90019.0001 (640-INNEP0030-A)
				TX2: 1.63	TX2: 025.9001A.0001 (640-INNEP0031-A)
174	WNC	PIFA	IPEX	TX1: 0.82	TX1: 025.90017.0001 (81.EEW15.GEL)
				TX2: 0.49	TX2: 025.90018.0001 (81.EEW15.GEM)
175	WGT	PIFA	IPEX	TX1: -0.93	TX1: SK970WIPB01+A
				TX2: -0.36	TX2: SK970WIPB02+A
176	TONGDA	PIFA	IPEX	TX1: 1.98	TX1: T-543-9021011-A
				TX2: 1.91	TX2: T-543-9021011-A
177	Foxconn	PIFA	IPEX	TX1: 2.27	TX1: 79011HU00-600-G
				TX2: 1.14	TX2: 79011HU00-600-G
178	Yageo	PIFA	IPEX	TX1: 1.06	TX1: DQ600856200/ ANTA0HQ08562WLGP4
179	Foxconn	PIFA	IPEX	TX1: -0.57	TX1: DQ6V5NS3300

				TX2: -0.97	(WDAN-HQV5NS33-DH)
					TX2: DQ6V5NS3300
					(WDAN-HQV5NS33-DH)
180	Foxconn	PIFA	IPEX	TX1: -0.07	TX1: DQ6V5NS3100
					(WDAN-HQV5NS31-DH)
181	Foxconn	PIFA	IPEX	TX1: 0.30 TX2: -0.18	TX1: DQ6V5TS3300 (WDAN-HQV5TS33-DH) TX2: DQ6V5TS3300 (WDAN-HQV5TS33-DH)
182	Foxconn	PIFA	IPEX	TX1: 2.25	TX1: DQ6V5TS3100 (WDAN-HQV5TS31-DH)
183	Foxconn	PIFA	IPEX	TX1: 0.48 TX2: -0.69	TX1: DQ6V7NS3300 (WDAN-HQV7NS33-DH) TX2: DQ6V7NS3300 (WDAN-HQV7NS33-DH)
184	Foxconn	PIFA	IPEX	TX1: -0.89	TX1: DQ6V7NS3100 (WDAN-HQV7NS31-DH)
185	Foxconn	PIFA	IPEX	TX1: 2.34	TX1: DQ6V7TS3100 (WDAN-HQV7TS31-DH)
186	Foxconn	PIFA	IPEX	TX1: 1.44 TX2: 1.04	TX1: DQ6V4NS3300 (WDAN-HQV4NS33-DH) TX2: DQ6V4NS3300 (WDAN-HQV4NS33-DH)
187	Foxconn	PIFA	IPEX	TX1: -0.93	TX1: DQ6V4NS3100 (WDAN-HQV4NS31-DH)
188	Foxconn	PIFA	IPEX	TX1: 1.25 TX2: 3.36	TX1: DQ6V4TS3300 (WDAN-HQV4TS33-DH) TX2: DQ6V4TS3300 (WDAN-HQV4TS33-DH)
189	Foxconn	PIFA	IPEX	TX1: 2.39	TX1: DQ6V4TS3100 (WDAN-HQV4TS31-DH)
190	Foxconn	PIFA	IPEX	TX1: -0.52 TX2: 2.89	TX1: DQ6V7TS3300 (WDAN-HQV7TS33-DH) TX2: DQ6V7TS3300 (WDAN-HQV7TS33-DH)
191	JESS-LINK	PIFA	IPEX	TX1: -0.97 TX2: -1.03	TX1: DQ613A00032 (PANT13A00008-6) TX2: DQ613A00032 (PANT13A00008-6)
192	JESS-LINK	PIFA	IPEX	TX1: -0.03	TX1: DQ613A00033 (PANT13A00007-9)

193	JESS-LINK	PIFA	IPEX	TX1: -1.46 TX2: -0.43	TX1: DQ613A00024 (PANT13A00008-8) TX2: DQ613A00024 (PANT13A00008-8)
194	JESS-LINK	PIFA	IPEX	TX1: 0.29	TX1: DQ613A00025 (PANT13A00008-2)
195	JESS-LINK	PIFA	IPEX	TX1: -0.40 TX2: 0.40	TX1: DQ613A00028 (PANT13A00008-4) TX2: DQ613A00028 (PANT13A00008-4)
196	JESS-LINK	PIFA	IPEX	TX1: 0.93	TX1: DQ613A00029 (PANT13A00007-7)
197	TONGDA	PIFA	IPEX	TX1: 0.04 TX2: -1.22	TX1: DC33001H800 / T-543-9001008-1 TX2: DC33001H810 / T-543-9001008-2
198	WNC	PIFA	IPEX	TX1: -0.02 TX2: 2.24	TX1: DC33001H900 / 81EAAK15.GCC TX2: DC33001H910 / 81EAAK15.GCD
199	Yageo	PIFA	IPEX	TX1: 0.67 TX2: -0.83	TX1: DC33001HB00 / ANTA0HC08231WLAN1 TX2: DC33001HB10 / ANTA0HC08231WLAN2
200	ACON	PIFA	IPEX	TX1: -1.36 TX2: -1.53	TX1: 6036B0110902 (APP8P-700479) TX2: 6036B0111002 (APP8P-700480)
201	WNC	PIFA	IPEX	TX1: -0.75 TX2: 1.05	TX1: 6036B0110901 (81EAAK15.G66) TX2: 6036B0111001 (81EAAK15.G67)
202	Smart Approach	PIFA	IPEX	TX1: 0.93 TX2: -0.55	TX1: DC33001HF00/ SE-ECS41-001 TX2: DC33001HF10/ SE-ECS41-002
203	TONGDA	PIFA	IPEX	TX1: 0.74 TX2: -0.07	TX1: DC33001HE00 / T-543-9001007-1 TX2: DC33001HE10 / T-543-9001007-2
204	WNC	PIFA	IPEX	TX1: 0.39 TX2: 0.27	TX1: DC33001HD00/ 81EAAK15.GCA TX2: DC33001HD10/ 81EAAK15.GCB
205	SIMYA	PIFA	IPEX	TX1: 1.30 TX2: -0.65	TX1: DQ601001400 TX2: DQ601001400
206	SIMYA	PIFA	IPEX	TX1: 0.72	TX1: DQ601001500
207	SIMYA	PIFA	IPEX	TX1: -1.82 TX2: 1.86	TX1: DQ601001200 TX2: DQ601001200
208	SIMYA	PIFA	IPEX	TX1: 1.27	TX1: DQ601001300
209	SIMYA	PIFA	IPEX	TX1: 2.23 TX2: 1.38	TX1: DQ601001800 TX2: DQ601001800
210	SIMYA	PIFA	IPEX	TX1: 0.18	TX1: DQ601001900
211	SIMYA	PIFA	IPEX	TX1: 2.23	TX1: DQ601001700
212	SIMYA	PIFA	IPEX	TX1: 0.04 TX2: 0.38	TX1: DQ601001000 TX2: DQ601001000
213	SIMYA	PIFA	IPEX	TX1: 1.60	TX1: DQ601001100
214	SIMYA	PIFA	IPEX	TX1: -0.79	TX1: DQ601000800

				TX2: 1.62	TX2: DQ601000800
215	SIMYA	PIFA	IPEX	TX1: 2.20	TX1: DQ601000900
216	ACON	PIFA	IPEX	TX1: 0.51	TX1: 6036B0121903 (APP6P-701022)
217	Smart Approach	PIFA	IPEX	TX1: -0.55	TX1: 6036B0121901 (SE-EISW4-001)
218	SIMYA	PIFA	IPEX	TX1: 2.23	TX1: DQ601001600
				TX2: 1.38	TX2: DQ601001600
219	WNC	PIFA	IPEX	TX1: 2.59	TX1: DQ6R15G1000 (81EAAR15.G10)
220	WNC	PIFA	IPEX	TX1: 0.83	TX1: DQ6R15G5400 (81EAAR15.G54)
221	WNC	PIFA	IPEX	TX1: -0.14	TX1: DQ6R15G1100 (81EAAR15.G11)
				TX2: -0.24	TX2: DQ6R15G1100 (81EAAR15.G11)
222	WNC	PIFA	IPEX	TX1: -0.67	TX1: DQ6R15G1200 (81EAAR15.G12)
223	WNC	PIFA	IPEX	TX1: -0.23	TX1: DQ6R15G1300 (81EAAR15.G13)
				TX2: 0.96	TX2: DQ6R15G1300 (81EAAR15.G13)
224	WNC	PIFA	IPEX	TX1: 1.22	TX1: DQ6R15G1400 (81EAAR15.G14)
225	WNC	PIFA	IPEX	TX1: 1.29	TX1: DQ6R15G1500 (81EAAR15.G15)
				TX2: 1.99	TX2: DQ6R15G1500 (81EAAR15.G15)
226	WNC	PIFA	IPEX	TX1: 1.52	TX1: DQ6R15G1600 (81EAAR15.G16)
227	WNC	PIFA	IPEX	TX1: -0.91	TX1: DQ6R15G1700 (81EAAR15.G17)
				TX2: 1.99	TX2: DQ6R15G1700 (81EAAR15.G17)
228	WNC	PIFA	IPEX	TX1: 2.45	TX1: DQ6R15G1800 (81EAAR15.G18)
229	WNC	PIFA	IPEX	TX1: 0.80	TX1: DQ6R15G5600 (81EAAR15.G56)
				TX2: 0.01	TX2: DQ6R15G5600 (81EAAR15.G56)
230	WNC	PIFA	IPEX	TX1: 2.33	TX1: DQ6R15G5700 (81EAAR15.G57)
231	WNC	PIFA	IPEX	TX1: 0.46	TX1: DQ6R15G0900 (81EAAR15.G09)
				TX2: 2.13	TX2: DQ6R15G0900 (81EAAR15.G09)