

## Description of Permissive Change

This report is prepared for FCC class II permissive change. The differences compared with original report are adding 30 antennas.

The information of antennas as below:

NO	BRAND	MODEL	TYPE	GAIN With cable loss	CABLE LOSS	CONNECTOR TYPE
1	Well Green	SKM11WMPB01+C (Tx1) SKM11WMPB02+D (Tx2)	PIFA	-1.70 -3.05	-1.41 -1.11	IPEX
2	Favortron CO.,LTD (FVC)	N01001165001 (Tx1) N01001165001 (Tx2)	PIFA	1.15 0.98	-2.38 -2.34	IPEX
3	Favortron CO.,LTD (FVC)	N01001177001 (Tx1) N01001177001 (Tx2)	PIFA	0.83 1.62	-2.6 -2.73	IPEX
4	Favortron CO.,LTD (FVC)	N01001175001 (Tx1) N01001176001 (Tx2)	PIFA	2.58 1.65	-3.55 -2.42	IPEX
5	Favortron CO.,LTD (FVC)	N01001080001 (Tx1) N01001080001 (Tx2)	PIFA	1.06 1.46	-2.03 -2.07	IPEX
6	Smart Approach Co., Ltd.	03-FR021-026 (Tx1) 03-FR021-026 (Tx2)	PIFA	1.51 1.56	1.26 1.69	IPEX
7	Smart Approach Co., Ltd.	03-FR021-020 (Tx1) 03-FR021-020 (Tx2)	PIFA	1.66 1.83	1.27 1.28	IPEX
8	ACON	AMP8P-700167 (Tx1) AMP8P-700167 (Tx2)	PIFA	1.47 0.35	0.71 1.13	IPEX, MHF, HRS, U.FL
9	Smart Approach Co., Ltd.	SE-0730G-ECM11 (Tx1) SE-0730G-ECM11 (Tx2)	PIFA	2.51 -0.51	1.18 1.85	IPEX, EP
10	WNC	81.EKJ15.G22 (Main) 81.EKJ15.G22 (Aux)	PIFA	-0.21 2.19	1.51 2.24	IPEX
11	Amphenol Taiwan Corporation	FL5130-11-002-C (Tx1) FL5130-11-003-C (Tx2)	PIFA	0.30 -0.20	1.33 1.72	IPEX, Technova
12	YAGEO	B2885050G00003 (Tx1) B2885050G00003 (Tx2)	PIFA	1.17 -0.85	1.00 1.30	Hirose, U.FL-LP, equivalent
13	Quanta	QADCFL3_WL_M (Main) QADCFL3_WL_A (Aux)	PIFA	-0.1 -0.1	NA	IPEX
14	Hitachi	HFT60 (Tx1) HFT60 (Tx2) *peak gain, cable loss & cable length are different with antenna no. 53.	PIFA	2.97 0.90	0.32 0.32	IPEX or HRS

15	WONDERFUL HI-TECH CO., LTD.	A6P1WFI0100A1 (Main) A6P1WFI0100A1 (Aux)	Dipole	1.76 1.76	NA	MHF
16	Auden	220265-09 (Tx1) 220265-09 (Tx2)	PIFA	-0.36 -0.53	1.57 1.08	U.FL
17	WNC	81XC AE15.G13 (Main) 81XC AE15.G14 (Aux)	PIFA	3.18 2.84	0.83 0.92	IPEX
18	Smart Approach Co., Ltd.	SE-042C0-ECL30 (Tx1) SE-042D0-ECL30 (Tx2)	PIFA	0.90 2.75	0.51 0.51	IPEX, EP
19	WNC	81.EJZ15.G52 (Main) 81.EJZ15.G52 (Aux)	PIFA	-1.08 -0.62	2.22 3.03	IPEX
20	WNC	81.EJT15.GJC (Main) 81.EJT15.GJC (Aux)	PIFA	-0.58 -1.26	2.20 3.01	IPEX
21	WNC	81.EJT15.GGW (Main) 81.EJT15.GGW (Aux)	PIFA	0.52 0.77	2.40 3.25	IPEX
22	WNC	81.EJZ15.G53 (Main) 81.EJZ15.G53 (Aux)	PIFA	-0.78 -2.14	2.45 3.24	IPEX
23	Ethertronics Inc.	5002011-1 (TX1) 5002012-1 (TX2)	PIFA	0.12 -3.87	NA	Technova
24	Ethertronics Inc.	5010011-1 (TX1) 5010012-1 (TX2)	PIFA	-1.76 -2.61	NA	Technova
25	QUANTA	AN-070-G(R) (TX1) AN-070-G(L) (TX2)	PIFA	-0.7 -1.9	-2.1 -3	IPEX
26	QUANTA	AN-070-G(R) (TX1) AN-070-G(L) (TX2)	PIFA	-0.3 -1.9	-2.1 -3	IPEX
27	Quanta	AN-120-F(R) (TX1) AN-120-F(L) (TX2)	PIFA	-0.4 -0.3	-2.1 -3	IPEX
28	Quanta	AN-120-F(R) (TX1) AN-120-F(L) (TX2)	PIFA	-1.8 -4.4	-2.1 -3	IPEX
29	Ethertronics Inc.	5002015-1 (TX1) 5002016-1 (TX2)	PIFA	0.76 0.59	NA	Technova
30	Ethertronics Inc.	5010015-1 (TX1) 5010016-1 (TX2)	PIFA	-0.84 -2.07	NA	Technova