

## Description of Permissive Change

The application is prepared for FCC class II permissive change by adding an antenna (Only for BT and WLAN 2.4GHz. WLAN 5.0GHz was closed by software), please see below.

The EUT uses following antenna. (No. 6 is new)

No.	Transmitter Circuit	Brand	Model	Antenna Type	2.4G gain with cable loss (dBi)	5G gain with cable loss (dBi)	Connector Type
1	Chain(0) Chain(1)	Sparklan	AD-301N	Dipole	4.4	B1&2: 5.2 B3&4: 5.8	IPEX MHF I at modular side & RP-SMA (M) at antenna side
2	Chain(0) Chain(1)	Sparklan	AD-103AG	Dipole	2.02	B1&2: 1.93 B3&4: 2.03	
3	Chain(0) Chain(1)	Sparklan	AD-305N	Dipole	5.0	5.0	
4	Chain(0) Chain(1)	Sparklan	AD-303N	Dipole	3.0	3.0	
5	Chain(0) Chain(1)	Sparklan	AD-302N	Dipole	3.0	2.0	

No.	Antenna Type	Brand	Model	Connector Type	Gain (dBi)					
6	Omni-Directional	Data Alliance	A2x2P2miniS12i	IPEX MHF I at modular side & RP-SMA (M) at antenna side		2400MHz	2420MHz	2440MHz	2460MHz	2483MHz
					WIFI 1	-0.23	1.02	1.32	2.51	3.90
					WIFI 2	-0.19	0.95	1.10	2.30	3.80

Except for the changes mentioned above, no other modification is performed.



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