

Letter of Class II Permissive Change

Apr. 02, 2018

To whom it may concern:

The purpose of this letter is to request a Class II Permissive change for

FCC ID: NHS-WSD750GN, Original grant date: 08/02/2016

IC: 3653A-WSD750GN, Original grant date: 08/09/2016

Applicant: Powertech Industrial Co Ltd

The major changes filed under this application are listed as below :

1. To updating RSS standard for RSS-247 Issue1 to RSS-247 Issue 2.
2. To add an external antenna different from original antenna type.

The blue word is for this time

1. Between with RSS-247 Issue 1 and RSS-247 Issue 2

Test Item	RSS-247 (Issue 1)	RSS-247 (Issue 2)
6dB Bandwidth	○	○
Maximum Peak Output	○	○
Conducted Band Edges and Conducted Spurious Emission	○	○
Peak Power Spectral Density	○	○

Note: "○" means no any change, the limit and test method is the same.

2. Between with original antenna and external antenna.

Antenna Part Number	Manufacture	Antenna Type	Frequency	Max Gain (dBi)
Original antenna				
WSD7-733GN	Gemtek Technology Co., Ltd.	Printed Antenna	2400-2500MHz	2.0
Note: This antenna is with components C33=10pF, R14=0 ohm, R12=NC.				
External antenna				
RFA-02-AP599-70-78	ARISTOTLE ENTERPRISES INC	Dipole	2400	3.96
			2450	4.07
			2500	2.88
Note: This antenna is with components C33=2.4nH, R14=NC, R12=0 ohm.				

Sincerely,



Daniel Wu
Manager
POWERTECH INDUSTRIAL CO. LTD.