

TYT ELECTRONICS CO.,LTD

2021-11-23

Federal Communications Commission
Authorization and Evaluation Division
1435 Oakland Mills Road Columbia,
MD 21046

SUBJECT:Class II Permissive Charge for FCC ID: **POD-ADB5**

The product,: Analog Transceiver, has been granted by FCC dated **01/07/2020**,
FCC ID: **POD-ADB5**. Now we, **TYT ELECTRONICS CO.,LTD** would like to modify
the authorized equipment for below changes:

A. DESCRIPTION OF PRODUCT CHANGES:

- Change the hardware version from 1.1 to **VER 2.1B**
- The new models are **TH-UV88,TH-UV98,TH-UV87,TH-UV66,QRZ-1**
The new brand is **TYT, Explorer**

Description of differences:

- 1.The same PCB and specifications, only the model number, trademark and appearance line design are different.
- 2.Brand Explorer to QRZ-1
- 3.Brand TYT to TH-UV88,TH-UV98,TH-UV87,TH-UV66

- MCU changes due to firmware update by the supplier. There is no change to the radio electrically. The part changes are:

BOM	Old	New	BOM	Old	New
R66	1K	680R	R200	100R	47R
R25	1K	NC	C67	102P	NC
R49	1K	NC	C136	103P	104P
Q13	2SB624	NP2301AVR	C256	103P	104P
R90	10K	47K	C186	103P	105P
R89	10K	100K	R47	470K	NC
R74	47K	22K	U11	SC95F7617	SWM181CBT6
C92	47P	100P	U16	TPL810U50	HD5550A890
C181	100P	102P	-	-	-
C182	100P	104P	-	-	-

B. PERFORMANCE DIFFERENCES:

EME has been assessed and no degradation found. However, degradation was found in EMC compared to the original filing but still within the FCC limits.

TYT ELECTRONICS CO.,LTD

C. CONCLUSION:

This radio continues to meet all FCC emissions requirements for which authorization was granted. However, degradation was found in EMC compared to the original filing but still meet requirements of a Class-2 Permissive Change.

Thank you for your attention in this matter.

Signatory:



Contact Person: Jiamao Lin

Date: 2021.11.23