

2021-3-25

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

SUBJECT: Class II Permissive Charge for FCC ID: **POD-DMR3**

The product, : DMR Mobile Radio, has been granted by FCC dated 11/16/2020, FCC ID: POD-DMR3. 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 4.1 to V5.0
- PLL changes in LMR section due to end life of old PLL, the supplier Japan AKM was on fire at the end of Year 2020, and these two PLL have the same performance
- There is no change to the radio electrically. The part changes are:
 - Pin-to-pin compatible
 - Having same basic function
 - Electrically identical
 - Minor changes to the PCB layout were made in the required areas to support these changes.

BOM	Old	New	BOM	Old	New
U801	AK1590	LMX2571NJKR	U602	NC	UMC4N
U901	AK15900	LMX2571NJKR	U603	NC	UMC4N
C801	104	683 0402	U703	NC	UMC4N
C802	104	474 0402	U704	NC	UMC4N
R801	330R	47R 0402	D609	NC	DAN222
EC801	1UF/10V	3.3UF/10V	D610	NC	DAN222
U601	AK2365A	GT3136	D709	NC	DAN222
U701	AK2365A	GT3136	D710	NC	DAN222
FD501	NC	JTBM450CX24	C527	33P	12P 1206
FD701	NC	JTBM450CX24	C561	NC	33P 1206
CF601	NC	LTWC450F	C483	22P	NC
CF602	NC	LTWC450H	L417	47NH	33NH 0603
CF701	NC	LTWC450F	C472	47P	82P 0402
- CF702	NC	- LTWC450H	NC	NC	NC

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.

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:

Handwritten signature in blue ink that reads "Jiamao Lin".

Contact Person: Jiamao Lin
Date: 2021.03.29