

2020-11-04

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 12/28/2017, 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 3.0 to V4.1
- PLL changes in LMR section due to firmware update by the supplier. 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	BOM	Old	New
U801	SKY72310	AK1590	C513	102P	NC	C563	47P	33P
U901	SKY72310	AK1590	C520	0.5P	NC	C564	12P	18P
U903	UBP1509GV	NC	C521	20P	NC	C565	22P	27P
L523	ER1.0*3.0*2T	ER1.0*2.5*2T	C522	102P	NC	C575	3P	10P
L516	ER1.0*3.0*3T	ER1.0*2.5*4T	C523	0.5P	NC	C576	6P	NC
L525	ER1.0*2.5*3T	ER1.0*3.0*2T	C524	27P	NC	C577	4P	8P
L526	ER1.0*2.5*3T	ER1.0*3.0*2T	C525	102P	NC	D506	MA2S728	NC
C508	0.5P	NC	C527	27P	33P	D507	MA2S728	NC
C509	27P	NC	C543	30P	33P	D508	MA2S728	NC
C510	102P	NC	C544	47P	39P	D509	MA2S728	NC
C511	0.5P	NC	C555	27P	33P	-	-	-
C512	27P	NC	C561	27P	NC	-	-	-
-	-	-	C562	NC	8P	-	-	-

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:



Contact Person: Jiamao Lin
Date: 2020.11.04