

TYT ELECTRONICS CO., LTD

2021-1-22

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

SUBJECT:Class II Permissive Charge for FCC ID: **PODGMRS-25**

The product,: DMR Mobile Radio, has been granted by FCC dated 08/23/2019,
 FCC ID: **PODGMRS-25** Now we, TYT ELECTRONICS CO.,LTD would like to modify
 the authorized equipment for below changes:

A. DESCRIPTION OF PRODUCT CHANGES:

- Having same basic function
- Adding 5-pin cable to radio to help customer to use external earphone
- Electrically identical
- Resistor and capacitor values due to end of life of some components and these modifications has noting to do with transmission and wont affect the RF circuit

BOM	Old	New	BOM	Old	New
R111	15K/0402	33K/0402	R193	NC	10K/0603
C44	39NH/0603	27NH/0603	L51	0.25*1.9*8TR	0.35*2.0*6TL
C47	39P/0603	30P/0603	R51	18K/0402	27K/0402
L12	33NH/0603	39NH/0603	C75	4P/0402	6P/0402
C48	15P/0603	NC	L31	NC	CH27NH/0603
C14	68P/0805	56P/0805	L33	0.35*1.4*4TL	0.31*1.2*5TL
C15	68P/0805	56P/0805	C105	27P/0402	33P/0402
C13	47P/0805	33P/0805	R35	3K3/0402	100K/0402
C20	33P/0805	27P/0805	C309	NC	4P/0805
C22	18P/0805	15P/0805	C35	2P/0805	8P/0805
C29	3P/0805	NC	C33	6P/0805	4P/0805
L3	1.0*3.5*3.5TR	1.0*3.0*3.5TR	C31	2P/0805	NC
C334	NC	0.52P/0603	L52	0.5*1.5*3TL	NC
R192	NC	10K/0603	C25	4P/0805	0.5*1.5*4TL
C335	NC	10P/0603	L10	0.5*1.3*3TL	22P/0805
D342	NC	MA2A728	U1	STM32F103VET6	GD32F103VET6
C336	NC	102P/0603	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:



Contact Person: Jiamao Lin

Date: 2021.01.22