

Date: Jun. 8, 22

Federal Communications Commission
Office of Engineering and Technology
Equipment Authorization Division
7345 Oakland Mills Road
Columbia, Maryland 21046

Subject: FCC Class II Permissive change for FCC ID: 2ACCJB132 (Model: MW45AF)

To Whom It May Concern,

This is to request a Class II Permissive change for FCC ID: 2ACCJB132 (Model: MW45AN) granted on August 5th, 2020

The Major change filed under this application is as below, otherwise are identical.

➤ Baseband changes: **NO**

➤ Band changes: **Yes**

product	GSM	UMTS	LTE
MW45AN	NA	2,4,5	B2/3/4/5/7/13/17/28
MW45AF	850/900/1800/1900	1,2,4,5,8	B1/2/3/4/5/7/8/12/13/17/20/28

➤ Antenna changes: NO

➤ PCB Layout changes: NO

➤ Main components changes:

	Base Band	Transceiver	ASM	Power Amplifier	Tx SAW Filter	Rx SAW Filter (SAW Duplexer)
GSM 850	NO	NO	NO	NO	NO	NO
GSM 900	NO	NO	NO	NO	NO	YES
GSM 1800	NO	NO	NO	NO	NO	NO
GSM 1900	NO	NO	NO	NO	NO	NO

	Base Band	Transceiver	ASM	Power Amplifier	Tx SAW Filter	Rx SAW Filter (SAW Duplexer)
UMTS FDD I	NO	NO	NO	NO	YES	NO
UMTS FDD II	NO	NO	NO	NO	NO	NO
UMTS FDD IV	NO	NO	NO	NO	NO	NO
UMTS FDD V	NO	NO	NO	NO	NO	NO
UMTS FDD VIII	NO	NO	NO	NO	YES	YES

	Base Band	Transceiver	ASM	Power Amplifier	Tx SAW Filter	Rx SAW Filter (SAW Duplexer)
LTE B1	NO	NO	NO	NO	YES	NO
LTE B2	NO	NO	NO	NO	YES	NO
LTE B3	NO	NO	NO	NO	NO	NO
LTE B4	NO	NO	NO	NO	NO	NO
LTE B5	NO	NO	NO	NO	NO	NO
LTE B7	NO	NO	NO	NO	NO	YES
LTE B8	NO	NO	NO	NO	YES	YES
LTE B12	NO	NO	NO	NO	YES	YES
LTE B13	NO	NO	NO	NO	NO	NO
LTE B17	NO	NO	NO	NO	YES	YES
LTE B20	NO	NO	NO	NO	YES	YES
LTE B28	NO	NO	NO	NO	NO	NO

	Antenna	AP	MODEM	Transceiver	Balun	Band pass filter	diplexer
wifi	NO	NO	NO	NO	NO	NO	NO

- WiFi changes: NO
- Other components changes: NO
 - TP/LCD/ Camera changes: NO
- Other changes detailed:
 - 1: TX and RX components changes are all pin to pin
 - 2: components changes not involved PCB any change, because MW45AF pcb is the same as MW45AN;;

➤ **MECHANICAL MODIFICATIONS:**

- Use new metal front/back cover or keypad: NO
- Mechanical shell changes: NO
 - Whole size of EUT: NO
 - Distance of Ear reference point to bottom of handset: NO
 - Other trinkets to change the surface of handset: NO
- Other changes detailed: NO

For the above, we performed some spot check, and partially re-used the test results of MW45AN for other parts, shown as below.
For details, please refer to the relevant test reports.

GSM part

GSM mobile phone FCC certification part22/24 testing	850,1900	850、1900: all TCs
GSM mobile phone FCC certification SAR testing	850,1900	850、1900: all TCs

UMTS part

UMTS mobile phone FCC certification part22/24 testing	850,1900	850、1900: share basic model results
UMTS mobile phone FCC certification part27 testing	1700	share basic model results
UMTS mobile phone FCC certification SAR testing	1900,850,1700	1900、850、1700: share basic model results

LTE part

LTE mobile phone FCC certification part22/24/27 testing	FDD2,FDD5,FDD13,FDD4,FDD7,FDD17,FDD12	FDD2: radiated case,FDD5、FDD13、FDD4、FDD7: share basic model results,FDD17: no test,FDD12: all TCs
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LTE mobile phone FCC certification SAR testing acc to Oet65	Band2,Band5,Band13,Band4,Band17,FDD 12	Band2、 FDD12: all TCs,Band5、 Band13、 Band4: share basic model results,Band17 : no test
LTE mobile phone FCC certification SAR testing acc to Oet65	Band7	1 point spot check
WiFi part		
WiFi 2.4G FCC certification SAR testing	/	share basic model results
WiFi 802.11b/g/n 2.4G (BW20&40MHz) FCC certification part15C testing	/	share basic model results
USB part		
FCC certification part15B testing	/	share basic model results
Certification part		
GSM/UMTS/LTE TCB Certification	/	PC II
Adding charger, Headset, Battery		
GSM mobile phone FCC certification SAR testing	gsm850/1900 lte b2/12	1 points spot check, additional 1 battery

Thank you.
Sincerely,



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