FCC RADIO TEST REPORT

Applicant	:	MtM Plus Technology Corporation
Address	:	7F., NO. 178, SEC. 3, MINQUAN E. RD., SONGSHAN DIST., TAIPEI CITY 10542, TAIWAN (R.O.C.)
Equipment	:	M904S
Model No.	:	M904S
Trade Name	:	MtM+ Technology
FCC ID.	:	2AJ9P-M904S

I HEREBY CERTIFY THAT :

The project was received on May 09, 2018 and the testing was carried out on May 10, 2018 at Cerpass Technology Corp. The test result refers exclusively to the test presented test model / sample. Without written approval of Cerpass Technology Corp., the test report shall not be reproduced except in full.

Approved by:

Mark Liao / Assistant Manager

Tested by:

Spree Yei / Engineer

Laboratory Accreditation:

Cerpass Technology Corporation Test Laboratory

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History of this test report

Attachment No.	Issue Date	Description
TESF1803173	May 10, 2018	This test report is to request a Class II permissive change to FCC ID: 2AJ9P-M904S, the product is not changed, the change is as below: - Additional evaluation with distance 5 mm.

1. Radio Frequency Exposure

1.1 Applicable Standards

The measurements shown in this test report were made in accordance with the procedures given in

FCC Part 2 (Section 2.1091)
KDB 447498
IEEE C95.1

LIMIT

KDB 447498 D01 § 4.3(a)
For 100 MHz to 6 GHz and test separation distances ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:
[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] · [√f(GHz)] ≤ 3.0 for 1-g SAR, and ≤ 7.5 for 10-g extremity SAR, where ☐

*f(GHz) is the RF channel transmit frequency in GHz
* Power and distance are rounded to the nearest mW and mm before calculation ☐
*The result is rounded to one decimal place for comparison ☐
*The values 3.0 and 7.5 are referred to as numeric thresholds in step b) below

The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm, and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion

1.2 EUT Specification

Frequency band (Operating)	☐ WLAN: 2412MHz ~ 2462MHz ☒ Bluetooth: 2402MHz ~ 2480MHz
Device category	☒ Portable (<20cm separation) ☐ Mobile (>20cm separation)
Exposure classification	☐ Occupational/Controlled exposure ☒ General Population/Uncontrolled exposure
Antenna diversity	☒ Single antenna ☐ Multiple antennas ☐ Tx diversity ☐ Rx diversity ☐ Tx/Rx diversity
Evaluation applied	☐ MPE Evaluation* ☒ SAR Evaluation ☐ N/A
Remark: *1. The maximum output power is 2.80 dBm (1.9mW) (with numeric 2.0 antenna gain.)* *2. DTS device is not subject to routine RF evaluation; MPE estimate is used to justify the compliance.* *3. For mobile or fixed location transmitters, no SAR consideration applied.*	

Note: Simultaneous transmission is not applicable for this EUT.

1.3 TEST RESULTS

According to the KDB447498:

The SAR test exclusion thresholds Level:

[(max. power of channel, including tune-up tolerance, mW) /(min. test separation distance, mm)] * sqrt (freq. in GHz) < 3

Calculation

Modulation Mode	Frequency band (MHz)	Max. Conducted output power (dBm)	Max. Conducted output power(mW)	Distance (cm)	SAR test exclusion thresholds (mW)
GFSK	2402-2480	2.80	1.905	0.5	10.0000

Since the source-based time-averaging conducted output power is well below the SAR low threshold level, so the EUT is considered to comply with SAR requirement without testing