

ELECTROMAGNETIC EMISSION COMPLIANCE REPORT FOR LOW-POWER, NON-LICENSED TRANSMITTER

Test Report No. : OT-184-RWD-010

AGR No. : A183A-272

Applicant : MOTREX CO., LTD.

Address : (Mullae-dong 3(sam)-ga, Ace High-Tech City B/D), 1-1103 , 775, Yeongdeungpo-gu, Seoul, South Korea

Manufacturer : MOTREX CO., LTD.

Address : (Mullae-dong 3(sam)-ga, Ace High-Tech City B/D), 1-1103 , 775, Yeongdeungpo-gu, Seoul, South Korea

Type of Equipment : MTXM100LFFL

FCC ID. : BP9-MTXM100LFFL

Model Name : MTXM100LFFL

Serial number : N/A

Total page of Report : 6 pages (including this page)

Date of Incoming : March 22, 2018

Date of issue : April 11, 2018

SUMMARY

The equipment complies with the regulation; *FCC PART 15 SUBPART C Section 15.247*

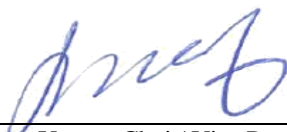
This test report only contains the result of a single test of the sample supplied for the examination.

It is not a generally valid assessment of the features of the respective products of the mass-production.

Reviewed by: _____


Jae-Ho Lee / Chief Engineer
ONETECH Corp.

Approved by: _____


Keun-Young, Choi / Vice President
ONETECH Corp.

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Revision History

Rev. No.	Issue Report No.	Issued Date	Revisions	Section Affected
0	OT-184-RWD-010	April 11, 2018	Initial Issue	All

1. VERIFICATION OF COMPLIANCE

Applicant : MOTREX CO., LTD.
 Address : (Mullae-dong 3(sam)-ga, Ace High-Tech City B/D), 1-1103 , 775, Yeongdeungpo-gu, Seoul, South Korea
 Contact Person : Young Kwon
 Telephone No. : +82-70-4626-8187
 FCC ID : BP9-MTXM100LFFL
 Model Name : MTXM100LFFL
 Brand Name : -
 Serial Number : N/A
 Date : April 11, 2018

EQUIPMENT CLASS	<i>DSS – PART 15 SPREAD SPECTRUM TRANSMITTER</i>
E.U.T. DESCRIPTION	MTXM100LFFL
KIND OD EQUIPMENT	Modular Transmitter
THIS REPORT CONCERNS	Original Grant
MEASUREMENT PROCEDURES	ANSI C63.10: 2013
TYPE OF EQUIPMENT TESTED	Pre-Production
KIND OF EQUIPMENT AUTHORIZATION REQUESTED	Certification
EQUIPMENT WILL BE OPERATED UNDER FCC RULES PART(S)	FCC PART 15 SUBPART C Section 15.247
Modifications on the Equipment to Achieve Compliance	None
Final Test was Conducted On	3 m, Semi Anechoic Chamber

-. The above equipment was tested by ONETECH Corp. for compliance with the requirement set forth in the FCC Rules and Regulations. This said equipment in the configuration described in this report, shows the maximum emission levels emanating from equipment are within the compliance requirements.

2. GENERAL INFORMATION

2.1 Product Description

The MOTREX CO., LTD. , Model MTXM100LFFL (referred to as the EUT in this report) is a MTXM100LFFL. The product specification described herein was obtained from product data sheet or user's manual.

Device Type	MTXM100LFFL	
Operating Frequency	2 402 MHz ~ 2 480 MHz	
RF Output Power	1 Mbps	6.16 dBm
	2 Mbps	4.47 dBm
	3 Mbps	4.56 dBm
Number of Channel	79 Channels	
Modulation Type	GFSK for 1 Mbps, $\pi/4$ -DQPSK for 2 Mbps, 8-DPSK for 3 Mbps	
Antenna Type	Chip Antenna	
Antenna Gain	0 dBi	
List of each Osc. or crystal Freq.(Freq. \geq 1 MHz)	12.288 MHz, 16 MHz, 24 MHz, 26MHz, 27 MHz, 32 MHz, 55.4667 MHz	
Rated Supply Voltage	DC 12.0 V	

2.2 Alternative type(s)/model(s); also covered by this test report.

-. None

3. EUT MODIFICATIONS

-. None

