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DECLARATION OF SIMILARITY

Date: 2022- 10-8

FEDERAL COMMUNICATIONS COMMISSION

Authorization and Evaluation Division

7435 Oakland Mills Road

Columbia, MD 21046

We, Xiamen Milesight IoT Co. , Ltd. , hereby declare that the product:

Environment Monitoring Sensor(FCC ID:2AYHY-EM500V2), model :

EM500-CO2-915M,EM500-PT100-915M,EM500-SMT-915M, EM500-SWL-915M,

EM500-PP-915M,EM500-SMTC-915M, EM500-LGT-915M,EM500-915M,

EM500-UDL-9M,EM500-CO2-9M, EM500-PT100-9M,EM500-SMT-9M,

EM500-SWL-9M,EM500-PP-9M,EM500- SMTC-9M,EM500-LGT-9M,EM500- 9M,

NB500-UDL-915M,NB500-CO2-915M,NB500-PT100-915M,NB500-SMT-915M,

NB500-SWL-915M,NB500-PP-915M,NB500-SMTC-915M, NB500-LGT-915M,NB500-915M,

NB500-UDL-9M,NB500-CO2-9M, NB500-PT100-9M,NB500-SMT-9M,

NB500-SWL-9M,NB500-PP-9M,NB500- SMTC-9M,NB500-LGT-9M,NB500- 9M

is electrically identical with the model: EM500-UDL-915M which was tested by China Certification ICT Co.,Ltd (Dongguan) with the same electromagnetic emissions and electromagnetic compatibility characteristics.

A description of the differences between the tested model and those that are declared similar are as follows:

The models have same software.All the above models share one PCB board. But because different sensors are connected, the sensor interface and appearance are not consistent.The difference between models is that some function devices paste or not paste.The below table show differents:

√ : paste -- : not paste

	Sensor	LoRa	Other different
EM500-UDL-915M	√(UDL)	√(915)	The model name
EM500-UDL-9M	√(UDL)	√(915)	
NB500-UDL-915M	√(UDL)	√(915)	
NB500-UDL-9M	√(UDL)	√(915)	
EM500-CO2-915M	√(CO2)	√(915)	The model name
EM500-CO2-9M	√(CO2)	√(915)	
NB500-CO2-915M	√(CO2)	√(915)	
NB500-CO2-9M	√(CO2)	√(915)	
EM500-PT100-915M	√(PT100)	√(915)	The model name

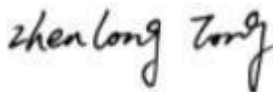
EM500-PT100-9M	√(PT100)	√(915)	
NB500-PT100-915M	√(PT100)	√(915)	
NB500-PT100-9M	√(PT100)	√(915)	
EM500-SMT-915M	√(SMT)	√(915)	The model name
EM500-SMT-9M	√(SMT)	√(915)	
NB500-SMT-915M	√(SMT)	√(915)	
NB500-SMT-9M	√(SMT)	√(915)	
EM500-SWL-915M	√(SWL)	√(915)	The model name
EM500-SWL-9M	√(SWL)	√(915)	
NB500-SWL-915M	√(SWL)	√(915)	
NB500-SWL-9M	√(SWL)	√(915)	
EM500-PP-915M	√(PP)	√(915)	The model name
EM500-PP-9M	√(PP)	√(915)	
NB500-PP-915M	√(PP)	√(915)	
NB500-PP-9M	√(PP)	√(915)	
EM500-SMTC-915M	√(SMTC)	√(915)	The model name
EM500-SMTC-9M	√(SMTC)	√(915)	
NB500-SMTC-915M	√(SMTC)	√(915)	
NB500-SMTC-9M	√(SMTC)	√(915)	
EM500-LGT-915M	√(LGT)	√(915)	The model name
EM500-LGT-9M	√(LGT)	√(915)	
NB500-LGT-915M	√(LGT)	√(915)	
NB500-LGT-9M	√(LGT)	√(915)	
EM500-915M	--	√(915)	The model name
EM500-9M	--	√(915)	
NB500-915M	--	√(915)	
NB500-9M	--	√(915)	

In addition, the EM500 series products have the following two batteries to choose from.
battery (see below):

Model	Manufacturer	Capacity size
ER34615	Guangxi Ramway New Energy Corp Ltd.	19000mAh
ER34615	EVE Energy Co., Ltd	19000mAh

Please contact me should there be need for any additional clarification or information.
Best Regards,

Signature:



Printed Name: Zhenlong Tong

Title: Manager