

Xiamen Milesight IoT Co., Ltd.
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DECLARATION OF SIMILARITY

Date: 2021-1-20

FEDERAL COMMUNICATIONS COMMISSION

Authorization and Evaluation Division

7435 Oakland Mills Road
Columbia, MD 21046

Dear Sir or Madam:

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

Environment Monitoring Sensor, model:

EM500-CO2-915M, EM500-SWL-915M, EM500-PT100-915M, EM500-PP-915M, EM500-LGT-915M, EM500-SMT-915M, EM500-SMTC-915M, EM500-CO-915M, EM500-H2S-915M, EM500-NH3-915M, EM500-NO2-915M, EM500-O3-915M, EM500-SO2-915M, EM500-CH2O-915M, EM500-H2-915M, EM500-C7H8-915M, EM500-WEC-915M, EM500-WPH-915M, EM500-CHL-915M, EM500-DO-915M, EM500-OPR-915M, EM500-AN-915M, EM500-TUR-915M, EM500-TOC-915M, EM500-SPH-915M, EM500-PAR-915M, EM500-915M is electrically identical with the model: EM500-UDL-915M(FCC ID:2AYHY-EM500) which was tested by BACL 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. The only difference between models is that some function devices paste or not paste. The below table shows differences:

√ :paste --: not paste

	Sensor	LoRa
EM500-UDL-915M	√(UDL)	√(915)
EM500-CO2-915M	√(CO2)	√(915)
EM500-915M	--	√(915)
EM500-SWL-915M	--	√(915)
EM500-PT100-915M	--	√(915)
EM500-PP-915M	--	√(915)
EM500-LGT-915M	--	√(915)

EM500-SMT-915M	--	√(915)
EM500-SMTC-915M	--	√(915)
EM500-CO-915M	--	√(915)
EM500-H2S-915M	--	√(915)
EM500-NH3-915M	--	√(915)
EM500-NO2-915M	--	√(915)
EM500-O3-915M	--	√(915)
EM500-SO2-915M	--	√(915)
EM500-CH2O-915M	--	√(915)
EM500-H2-915M	--	√(915)
EM500-C7H8-915M	--	√(915)
EM500-WEC-915M	--	√(915)
EM500-WPH-915M	--	√(915)
EM500-CHL-915M	--	√(915)
EM500-DO-915M	--	√(915)
EM500-OPR-915M	--	√(915)
EM500-AN-915M	--	√(915)
EM500-TUR-915M	--	√(915)
EM500-TOC-915M	--	√(915)
EM500-SPH-915M	--	√(915)
EM500-PAR-915M	--	√(915)

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

Best Regards,

Signature:



Printed Name: Zhenlong Tong

Title: Manager