

## DATA SHEET

Model STMGFS802415

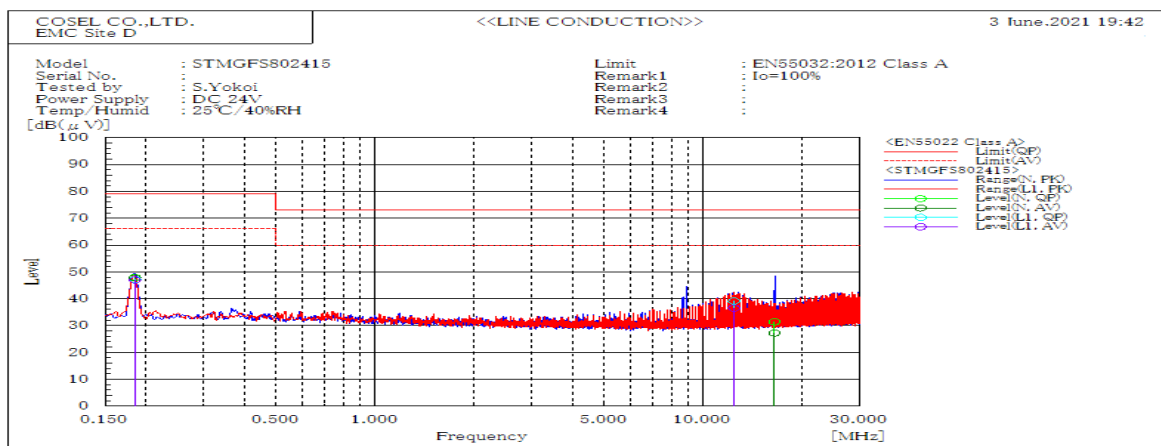
Date 08-Jul-21

Test EMI  
Line conduction & Radiated emission

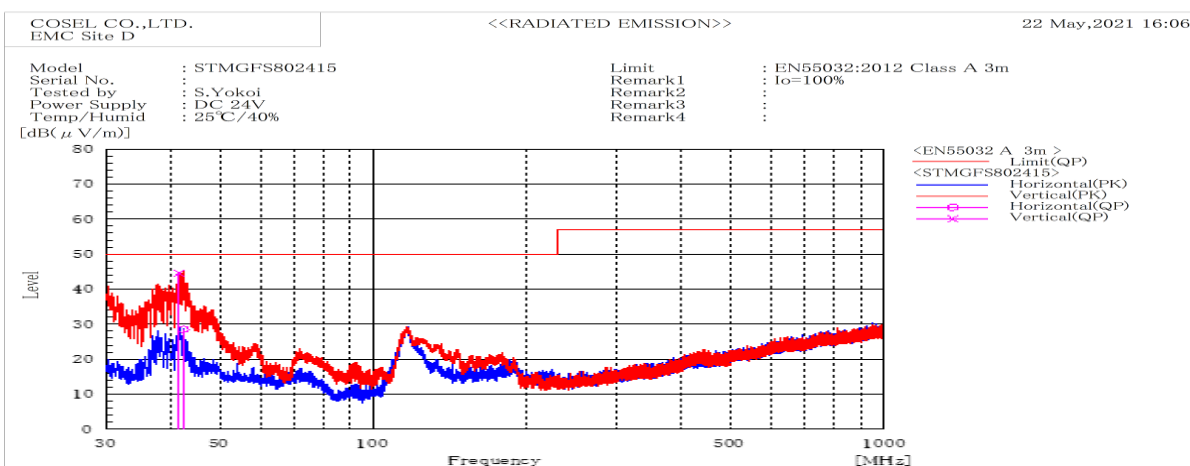
Temp. 25 degreeC

Humid. 40 %RH

Tested by S.Yokoi



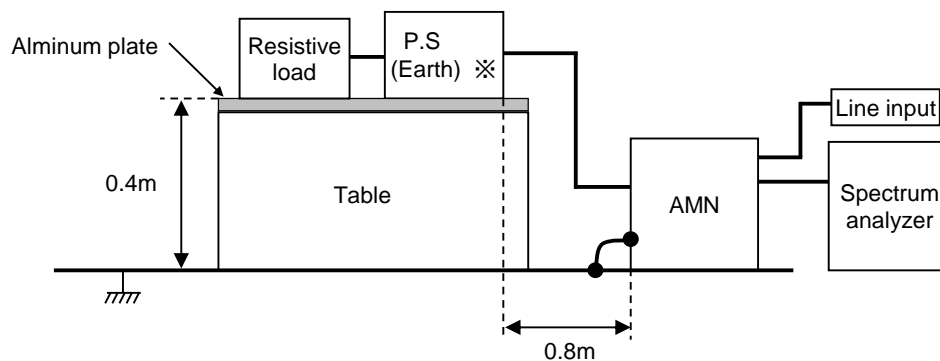
Frequency	Line	Level		Limit		Margin		Pass/Fail	Remark
MHz		dB(μV)		dB(μV)		dB			
		QP	AV	QP	AV	QP	AV		
0.185	L1	47.1	47	79	66	31.9	19	Pass	
12.402	L1	39.1	36.5	73	60	33.9	23.5	Pass	
0.185	N	48	47.8	79	66	31	18.2	Pass	
16.471	N	31.4	27.2	73	60	41.6	32.8	Pass	



Frequency MHz	Polarization	Stability	Level	Limit	Margin	Pass/Fail	Height cm	Angle deg	Remark
			dB(μV/m) QP	dB(μV/m) QP	dB QP				
41.592	V	Stable	44.6	50	5.4	Pass	100.2	356.5	
42.332	H	Stable	28.5	50	21.5	Pass	113.8	0	

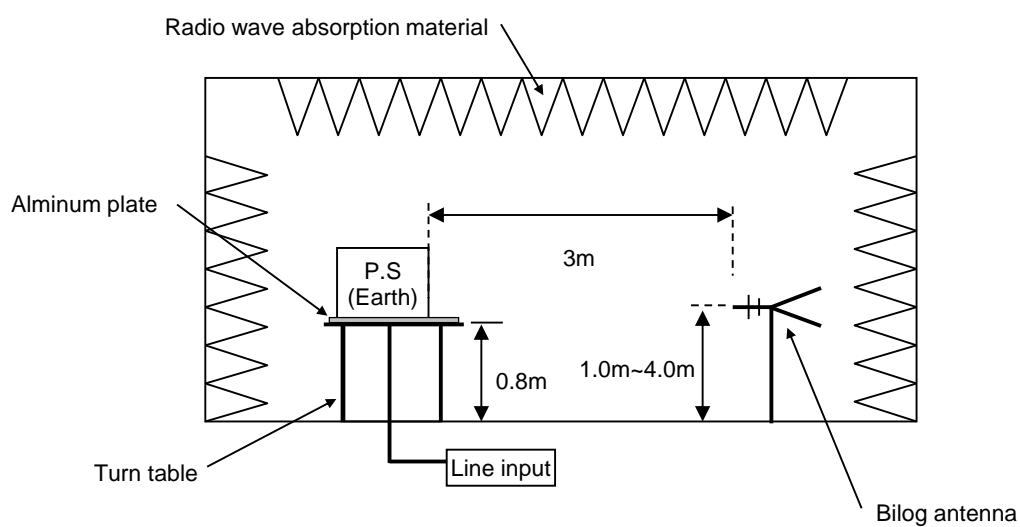
DATA SHEET		Date	08-Jul-21
Model	Circuit used for measurement	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	40 %RH
		Tested by	S.Yokoi

## 1. Line conduction



※External capacitor on the input side : 220 $\mu$ F

## 2. Radiated emission



# Conditions

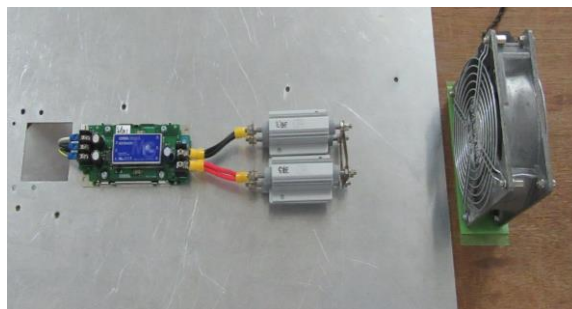
Test : EMI

Model Name : STMGFS80□□

## ○Photographs of Test Set-Up LINE CONDUCTION



## RADIATED EMISSION



## ○Testing circuitry

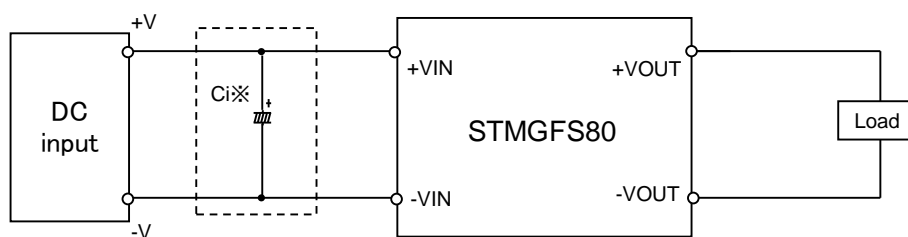


Fig.1 Testing circuitry

※Ci : External capacitor on the input side when LINE CONDUCTION

Ci : STMGFS8024□□ 220  $\mu$  F  
STMGFS8048□□ 120  $\mu$  F