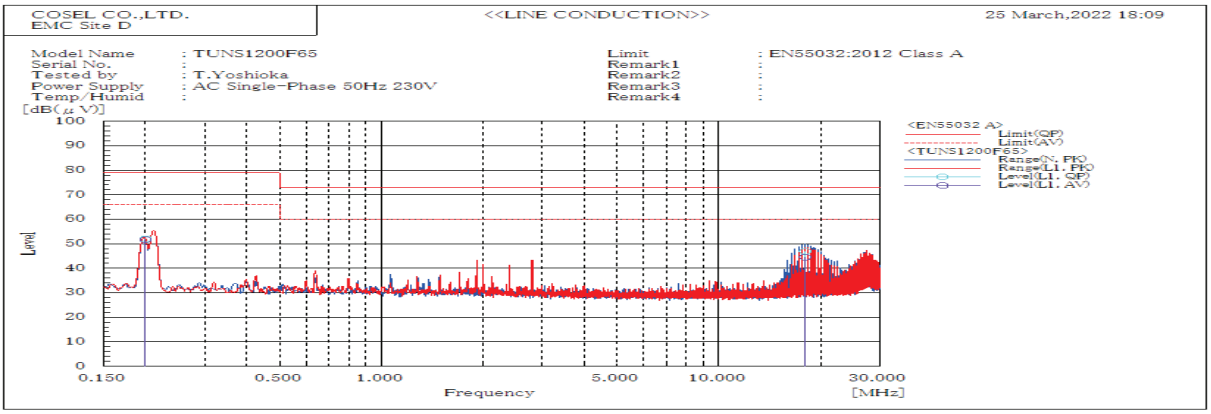
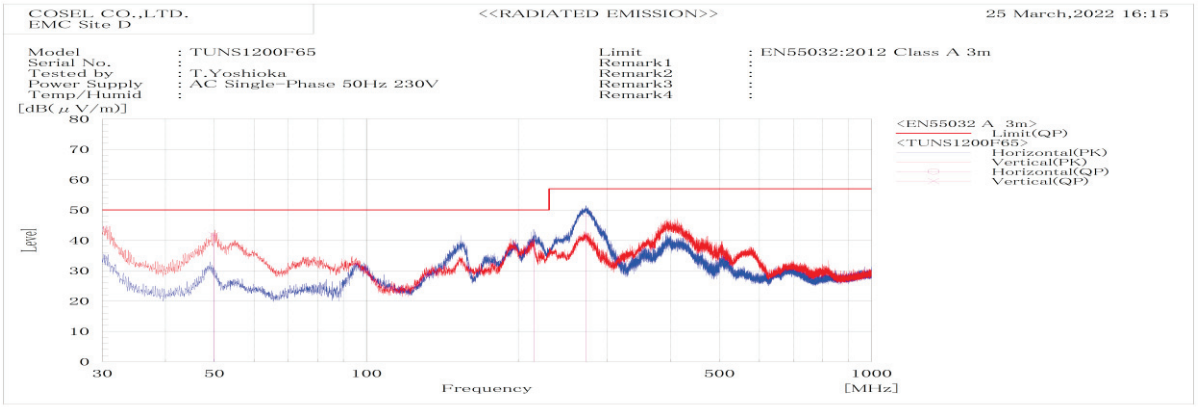
参考資料

COSEL

DATA SHEET		Date	10-May-22
Model	TUNS1200F65	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	40 %RH
		Tested by	T.Yoshioka



Frequency MHz	Line	Level dB(μV)		Limit dB(μV)		Margin dB		Pass/Fail	Remark
		QP	AV	QP	AV	QP	AV		
0.2	L1	52.1	51.7	79	66	26.9	14.3	Pass	
18.011	L1	46.9	44.5	73	60	26.1	15.5	Pass	

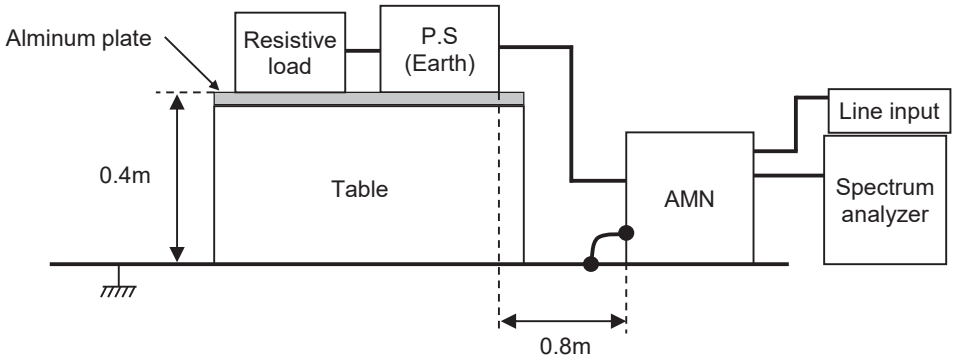


Frequency MHz	Polarization	Stability	Level dB(uV/m)	Limit dB(uV/m)	Margin dB	Pass/Fail	Height cm	Angle deg	Remark
			QP	QP	QP				
30.004	V	Stable	44	50	6	Pass	100	294.9	
49.856	V	Stable	41.8	50	8.2	Pass	101.5	73	
214.478	H	Stable	38.1	50	11.9	Pass	105.7	338.9	
272.32	H	Stable	49	57	8	Pass	107.7	10.3	

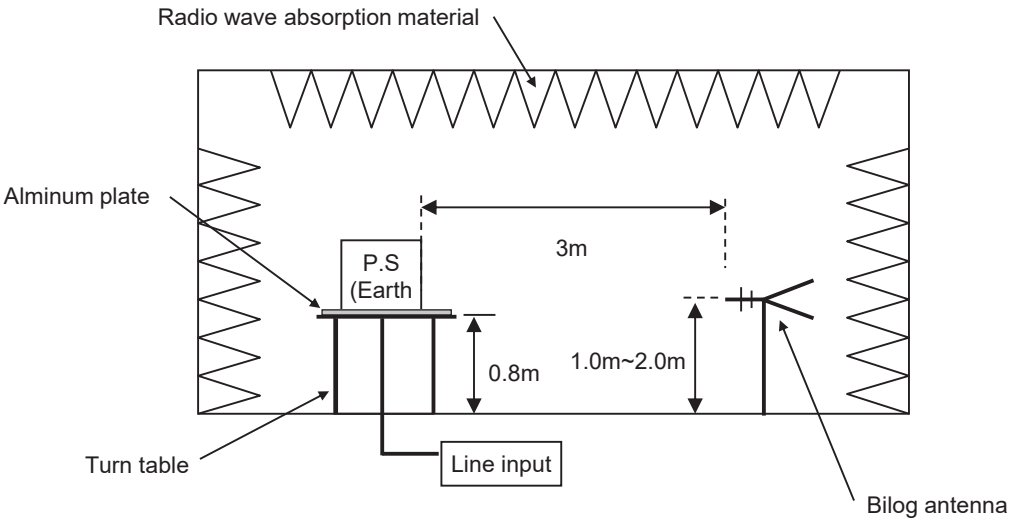
COSEL

DATA SHEET		Date	10-May-22
Model	Circuit used for measurement	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	40 %RH
		Tested by	T.Yoshioka

1. Line conduction



2. Radiated emission



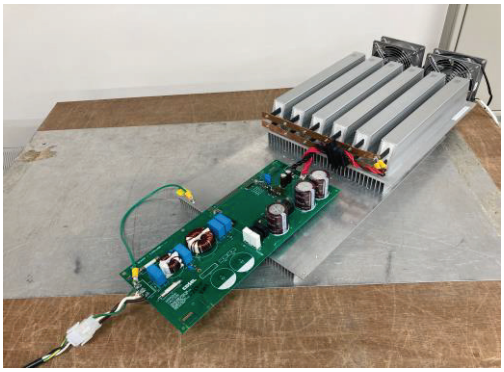
COSEL

Conditions

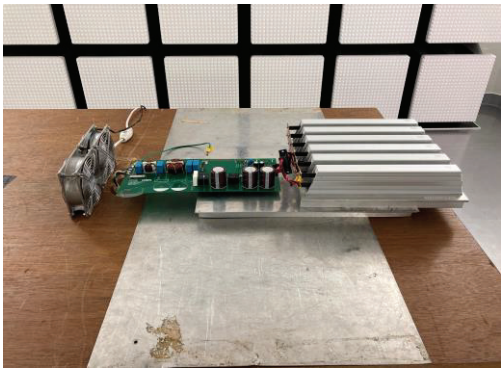
Test : EMI
Model Name : TUNS1200F

○Photographs of Test Set-Up

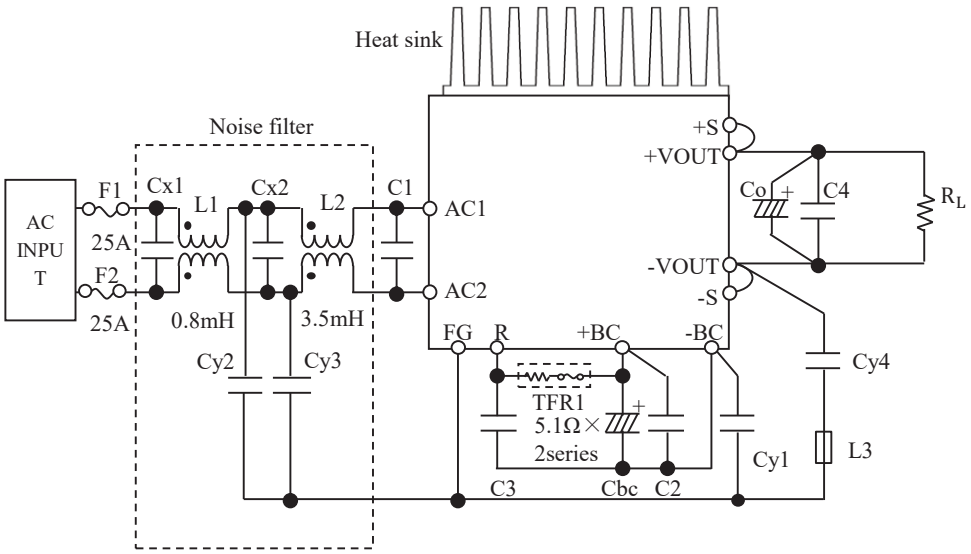
LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry



L1	:	SCR25-200-1R7A008JH
L2	:	SC15-E350H
L3	:	Ferrite Bead (K5B T 4x2x2)×2series (For TUNS1200F65 only)
Cx1,Cx2	:	1.5uF 310V Film Capacitor
Cy1	:	2200pF 400V
Cy2,Cy3	:	1500pF 400V
Cy4	:	10000pF 300V (For TUNS1200F65 only)
C1	:	1.5uF 310V Film Capacitor × 2parallel
C2,C3	:	1.0uF 630V Film Capacitor × 2parallel
C4	:	1.0uF Ceramic Capacitor
Cbc	:	470uF 450V Electrolytic Capacitor×3parallel
Co	:	TUNS1200F12 2200uF 25V Electrolytic Capacitor
		TUNS1200F28 1000uF 50V Electrolytic Capacitor
		TUNS1200F48 470uF 63V Electrolytic Capacitor
		TUNS1200F65 150uF 100V Electrolytic Capacitor × 2parallel

Fig.1 Testing circuitry