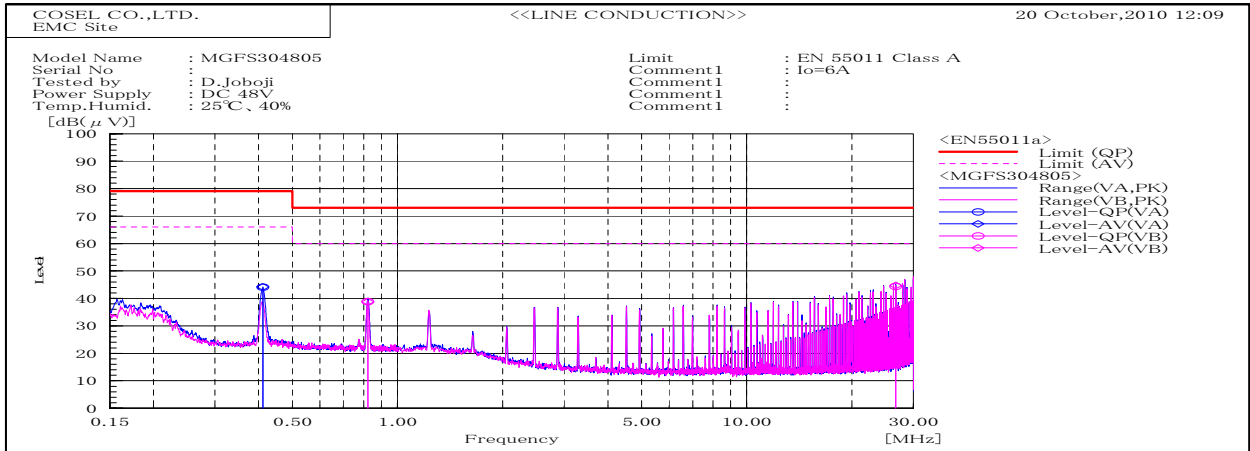
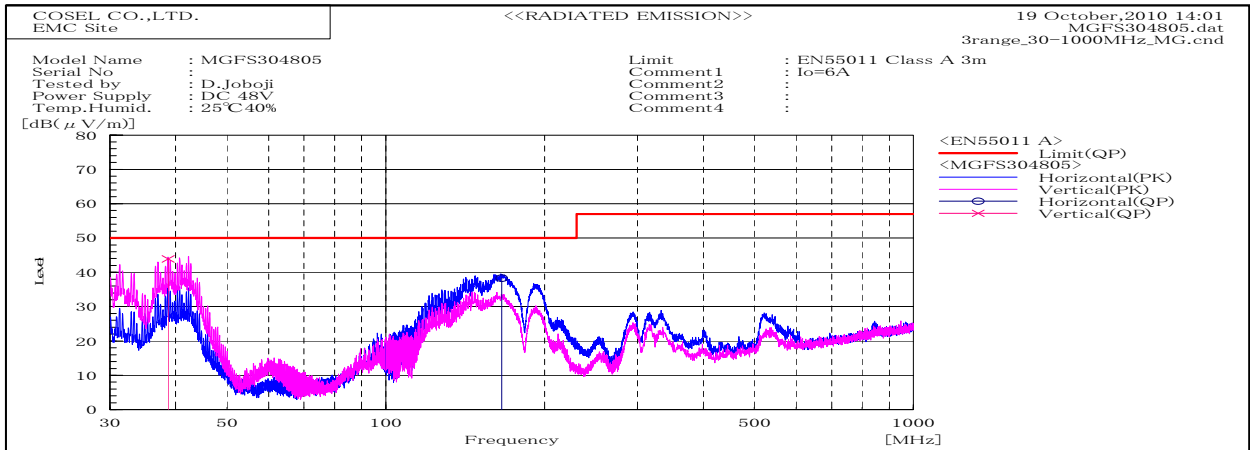


DATA SHEET			Date	20-Oct-10
Model	MGFS304805		Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission		Humid.	40 %RH
			Tested by	D.Joboji



Frequency MHz	Harm	Line Phase	Reading dB(μV)		Factor dB	Level dB(μV)		Limit dB(μV)		Margin dB		Pass/ Fail	Remark
			QP	AV		QP	AV	QP	AV	QP	AV		
0.4116		VA	34	34.1	10.1	44.1	44.2	79	66	34.9	21.8	Pass	
0.82204		VB	28.8	28.8	10	38.8	38.8	73	60	34.2	21.2	Pass	
26.6959		VB	33.4	33.7	11	44.4	44.7	73	60	28.6	15.3	Pass	



Frequency MHz	Polarization	Stability	Reading dB(μV)		Space Loss dB	Level dB(mW)	Limit dB(mW)	Margin dB	Pass/Fail	Height cm	Angle deg	Remark
			QP	AV		QP	QP	QP				
38.677	V	Stable	61.8	-17.9		43.9		50	6.1	101	10	
165.952	H	Stable	59.9	-21.6		38.3		50	11.7	155	175	

DATA SHEET

Model	Circuit used for measurement
Test	EMI Line conduction & Radiated emission

1. Line conduction



2. Radiated emission



Conditions

Test : EMI
 Model Name : MGFS3048□□/MGFW3048□□

○Photographs of Test Set-Up

LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

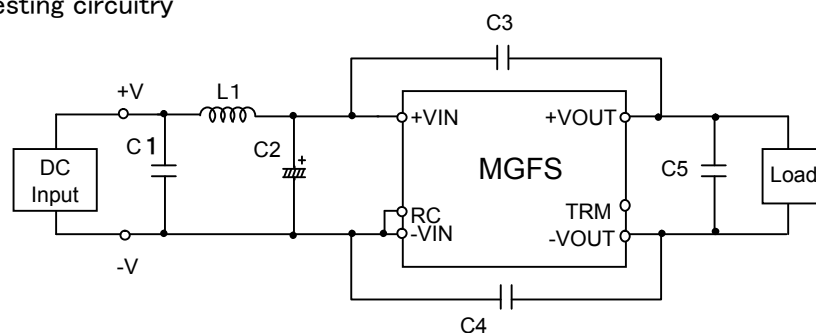


Fig.1 Testing circuitry 1

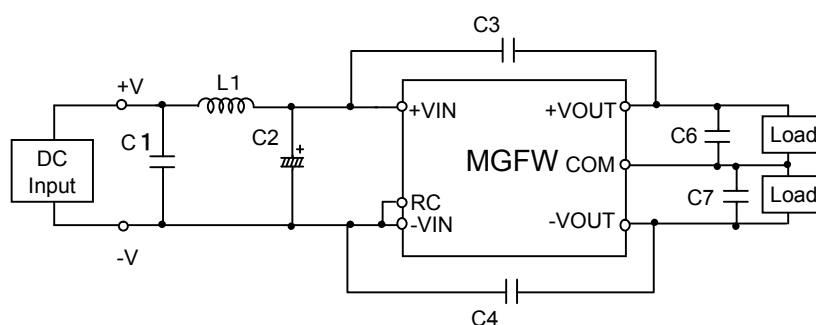


Fig.2 Testing circuitry 2

L1	: 4.7uH	CI8C-4R7	(KORIN ELECTRONICS)
C1	: 100V	2.2 μ F	Ceramic Capacitor
C2	: 80V	47 μ F	Electrolytic Capacitor
C3,C4	: 2kV	1000pF	Ceramic Capacitor
C5,C6,C7	: 25V	22 μ F	Ceramic Capacitor