

Test Name:	75V235mA- NEW3A	Test No. 20140805001	
Temperature	Ambient	File Page: 8	
Equipment	AC Source: Chroma 61502 Power meter: Chroma 66202 Electronic Load: Chroma 6312 Current probe: HIOKI 3272+3273-50 Multimeter: Fluke 287 Oscilloscope: Lecroy Wave Jet 314		
	Note	Full Load:75V.	

1. Input Current:

Test Condition:

Load: Full. Load; 1 minutes later, Read the Meter (Max Value)

Test Result:

Item	Input Voltage	Input Current (A)	Test Spec.
NEW3A	100V/60Hz	0.2137	
	110V/60Hz	0.1884	
	220V/50Hz	0.0961	
	240V/50Hz	0.0902	

2. Power Factor:

Test Condition:

Full Load and After B/I for half an hour.

Test Result:

Item	Input Voltage	Power Factor	Test Spec..
NEW3A	100V/60Hz	0.9280	
	110V/60Hz	0.9460	
	132V/60Hz	0.9638	
	180V/50Hz	0.9495	
	220V/50Hz	0.9399	
	240V/50Hz	0.9248	

3. Efficiency:

Test Condition:

Full Load and After B/I for half an hour.

Test Result:

Item	Input Voltage	Efficiency(%)	Test Spec.
NEW3A	100V/60Hz	87.165	
	110V/60Hz	87.533	
	132V/60Hz	87.669	
	180V/50Hz	87.214	
	220V/50Hz	86.265	
	240V/50Hz	85.969	

4. Constant Current:

Test Condition:

Full Load and After B/I for half an hour

Test Result1:

Item	Input Voltage	Output Voltage:100% rating (V)	Output Current(A)	Test Spec.
NEW3A	100V/60Hz	74.78	0.229	
	110V/60Hz	74.48	0.230	
	132V/60Hz	74.50	0.230	
	180V/50Hz	74.47	0.230	
	220V/50Hz	74.44	0.230	
	240V/50Hz	74.43	0.230	
	Line Regulation		-0.43%	$\leq \pm 5\%$

Test Result2:

Item	Input Voltage	Output Voltage: (V)	Output Current(A)	Test Spec.
NEW3A	100V/60Hz	80.51	0.228	
	110V/60Hz	80.43	0.229	
	132V/60Hz	80.33	0.229	
	180V/50Hz	80.30	0.230	
	220V/50Hz	80.24	0.230	
	240V/50Hz	80.16	0.230	
	Line Regulation		-0.85%	$\leq \pm 5\%$

Test Result3:

Item	Input Voltage	Output Voltage: (V)	Output Current(A)	Test Spec.
NEW3A	100V/60Hz	68.35	0.229	
	110V/60Hz	68.24	0.229	
	132V/60Hz	68.15	0.230	
	180V/50Hz	68.13	0.230	
	220V/50Hz	68.04	0.230	
	240V/50Hz	68.03	0.230	
	Line Regulation		-0.43%	$\leq \pm 5\%$

5. Short circuit protection:

Test Condition:

Short-circuit the output the power supply will be protected

Test Result:

Item	Input Voltage	Input Power(W)	Test Spec.
NEW3A	100V/60Hz	0.0287	
	110V/60Hz	0.0365	
	220V/50Hz	0.1497	
	240V/50Hz	0.2506	

6. Temperature Test:

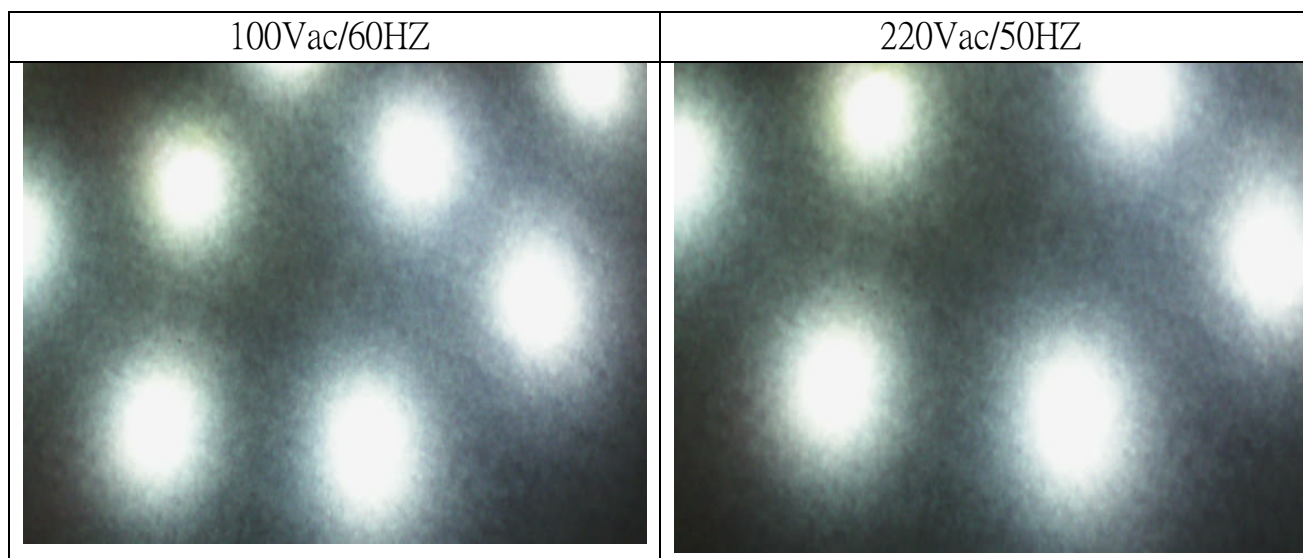
Test Condition:

Full Load(75V),and After B/I two hours.

Test Result :

ambient	Input Voltage	Q2	BD1	D3	U1	Q1	L1/L2	T1
28℃	100V/60Hz	57.7℃	57.7℃	59.8℃	58.6℃	69.5℃	59.5℃	65.1℃
	220V/50Hz	58.0℃	46.1℃	62.1℃	60.7℃	75.3℃	45.2℃	72.3℃
	240V/50Hz	58.5℃	45.5℃	65.3℃	61.5℃	85.0℃	43.1℃	76.5℃

7. 手机拍照(无频闪):

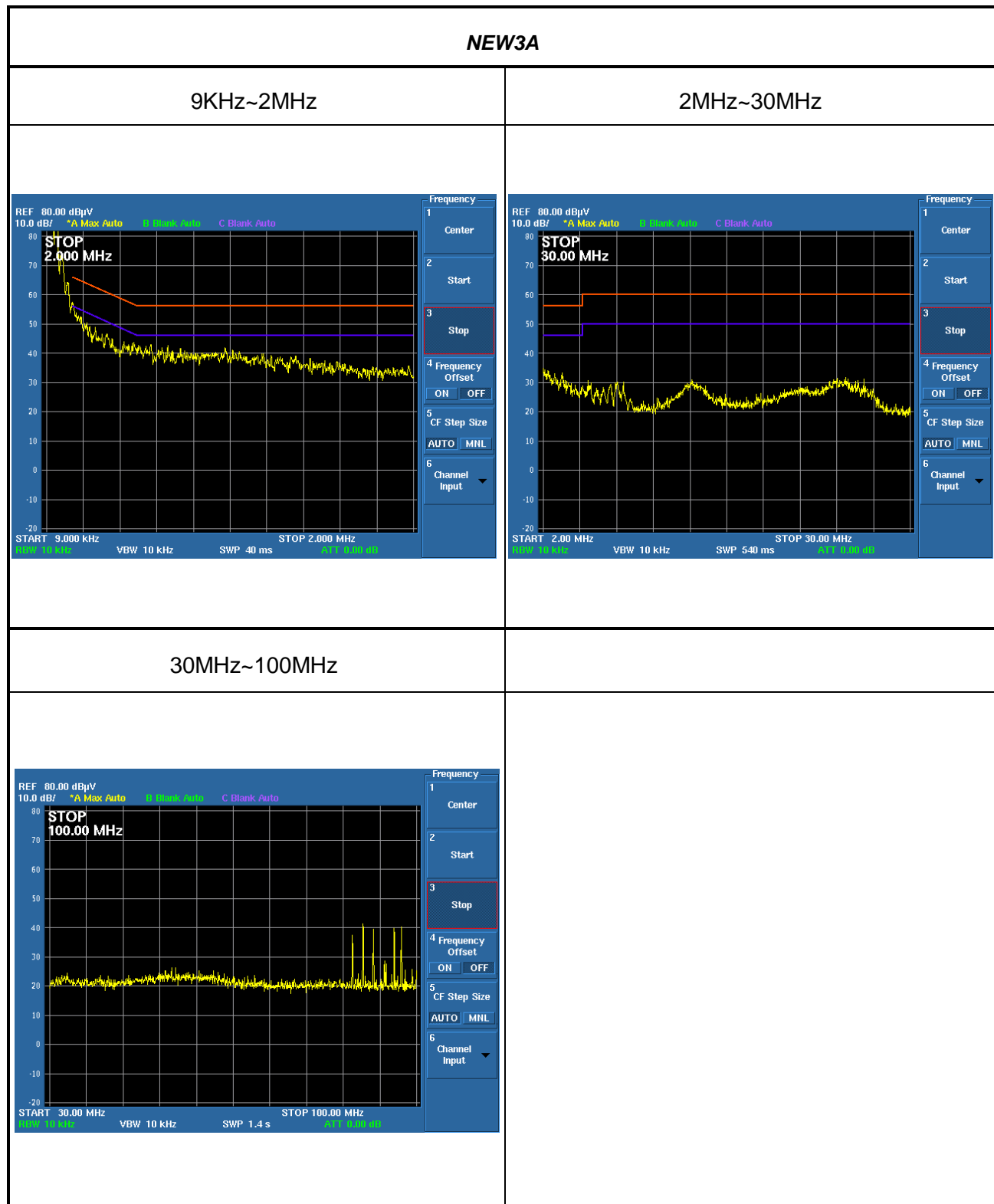


8. EMI(Conduction):

Test Condition:

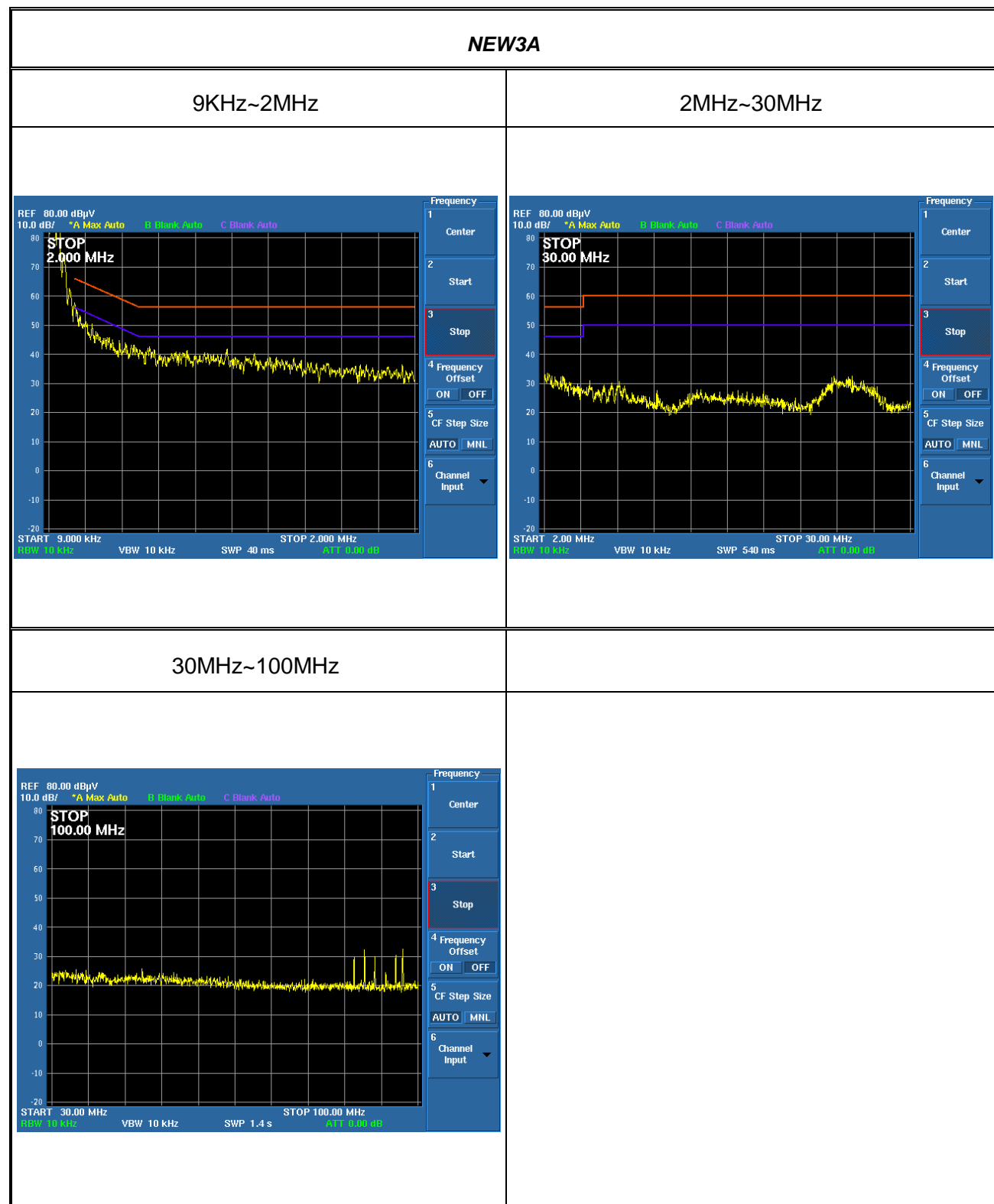
115Vac, full load least, L Line

Test Result:



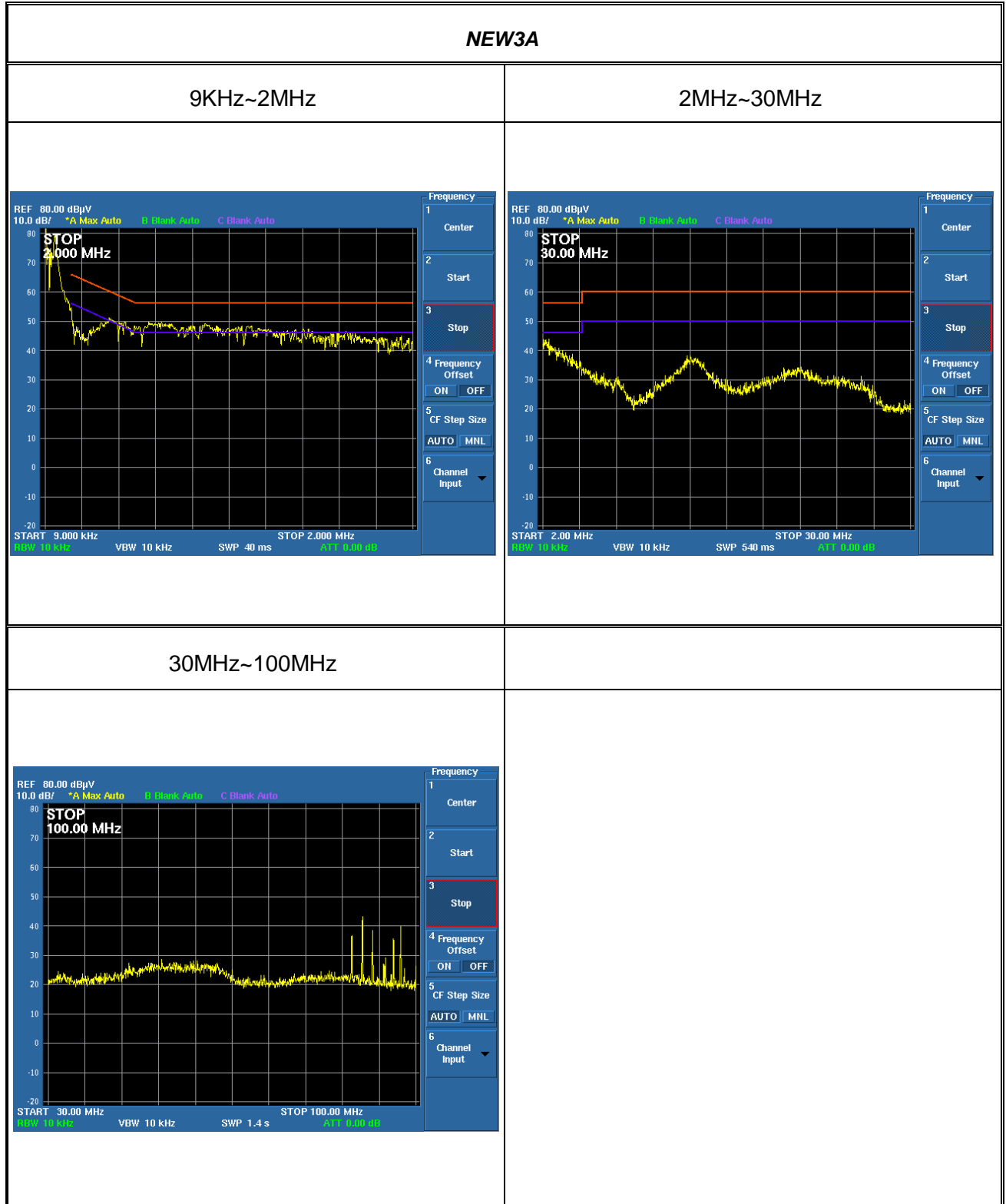
Test Condition:

115Vac, full load least, N Line

Test Result:


Test Condition:

230Vac, full load least, L Line

Test Result:


Test Condition:

230Vac, full load least, N Line

Test Result:
