

Comments: Shopguard
LISN: EMCO FA001545

Project Number: 3w06524
Date: May 15, 2003

Class B Mains limits (Phase)

No.	Frequency of Emission (MHz)	Detector	Emission Level (dBuV)	LISN Loss (dB)	Cable Loss (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)
1	0.1985	Quasi-Peak	57.9	0.1	0	58	63.7	5.7
		Average	48.1	0.1	0	48.2	53.7	5.5
2	0.2498	Quasi-Peak	34.2	0	0.2	34.4	61.8	27.4
		Average	0.1	0	0.2	0.3	51.8	51.5
3	0.2972	Quasi-Peak	46.1	0	0	46.1	60.3	14.2
		Average	36.4	0	0	36.4	50.3	13.9
4	0.3401	Quasi-Peak	28.8	0	0.2	29	59.2	30.2
		Average	-1.7	0	0.2	-1.5	49.2	50.7
5	0.3971	Quasi-Peak	39.2	0	0.2	39.4	57.9	18.5
		Average	23.9	0	0.2	24.1	47.9	23.8
6	0.4956	Quasi-Peak	35.8	0	0.2	36	56.1	20.1
		Average	31.8	0	0.2	32	46.1	14.1
7		Quasi-Peak						
		Average						
8		Quasi-Peak						
		Average						
9		Quasi-Peak						
		Average						
10		Quasi-Peak						
		Average						
11		Quasi-Peak						
		Average						
12		Quasi-Peak						
		Average						

13		Quasi-Peak						
		Average						
14		Quasi-Peak						
		Average						
15		Quasi-Peak						
		Average						
16		Quasi-Peak						
		Average						
17		Quasi-Peak						
		Average						
18		Quasi-Peak						
		Average						
19		Quasi-Peak						
		Average						
20		Quasi-Peak						
		Average						
21		Quasi-Peak						
		Average						
22		Quasi-Peak						
		Average						
23		Quasi-Peak						
		Average						
24		Quasi-Peak						
		Average						
25		Quasi-Peak						
		Average						
26		Quasi-Peak						
		Average						
27		Quasi-Peak						
		Average						
28		Quasi-Peak						
		Average						

29		Quasi-Peak						
		Average						
30		Quasi-Peak						
		Average						
31		Quasi-Peak						
		Average						
32		Quasi-Peak						
		Average						
33		Quasi-Peak						
		Average						
34		Quasi-Peak						
		Average						
35		Quasi-Peak						
		Average						
36		Quasi-Peak						
		Average						

Comments:
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Class B Mains limits (Neutral)

No.	Frequency of Emission (MHz)	Detector	Emission Level (dBuV)	LISN Loss (dB)	Cable Loss (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)
1	0.1967	Quasi-Peak	58.2	0.1	0	58.3	63.7	5.4
		Average	50.4	0.1	0	50.5	53.7	3.2
2	0.2466	Quasi-Peak	34	0.1	0.2	34.3	61.9	27.6
		Average	15.3	0.1	0.2	15.6	51.9	36.3
3	0.2960	Quasi-Peak	47	0.1	0	47.1	60.4	13.3
		Average	38	0.1	0	38.1	50.4	12.3
4	0.3945	Quasi-Peak	37.4	0.1	0.2	37.7	58.0	20.3
		Average	32.9	0.1	0.2	33.2	48.0	14.8
5	0.4266	Quasi-Peak	24.4	0.1	0.2	24.7	57.3	32.6
		Average	-1.6	0.1	0.2	-1.3	47.3	48.6
6	0.4938	Quasi-Peak	39.9	0.1	0	40	56.1	16.1
		Average	39.2	0.1	0	39.3	46.1	6.8
7		Quasi-Peak						
		Average						
8		Quasi-Peak						
		Average						
9		Quasi-Peak						
		Average						
10		Quasi-Peak						
		Average						
11		Quasi-Peak						
		Average						
12		Quasi-Peak						
		Average						

13		Quasi-Peak						
		Average						
14		Quasi-Peak						
		Average						
15		Quasi-Peak						
		Average						
16		Quasi-Peak						
		Average						
17		Quasi-Peak						
		Average						
18		Quasi-Peak						
		Average						
19		Quasi-Peak						
		Average						
20		Quasi-Peak						
		Average						
21		Quasi-Peak						
		Average						
22		Quasi-Peak						
		Average						
23		Quasi-Peak						
		Average						
24		Quasi-Peak						
		Average						
25		Quasi-Peak						
		Average						
26		Quasi-Peak						
		Average						
27		Quasi-Peak						
		Average						
28		Quasi-Peak						
		Average						

29		Quasi-Peak						
		Average						
30		Quasi-Peak						
		Average						
31		Quasi-Peak						
		Average						
32		Quasi-Peak						
		Average						
33		Quasi-Peak						
		Average						
34		Quasi-Peak						
		Average						
35		Quasi-Peak						
		Average						
36		Quasi-Peak						
		Average						