

DATA OF RADIATION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOWA NO.2 OPEN SITE

COMPANY : SHINKO ELECTRIC CO., LTD.
TRADE NAME : SHINKO
EQUIPMENT : CMC (CMCBC, CMCBM, CMCTR)
MODEL : CMC (CMCBC, CMCBM, CMCTR)
POWER : AC100V/60Hz
DESCRIPTION : Running (285.7kHz)
REMARKS :
DATE : 2000/10/20

REPORT NO : 21CE0032-YW-1
REGULATION : Fcc 15C Magnetic Field
CLASS :
TEST DISTANCE : 3m
ATTENUATOR : 6dB

H. Tabata
ENGINEER : Hiroya Tabata

No.	FREQ [MHz]	ANT TYPE	READING (PK)		ANT Factor	CABLE LOSS	AMP GAIN	RESULT		LIMIT	MARGIN	
			IIR [dB μ V]	VER [dB μ V]				IIR [dB μ V/m]	VER [dB μ V/m]		IIR [dB]	VER [dB]
1	0.2829	LA	64.7	58.8	20.1	0.2	30.0	61.0	55.1	98.5	37.5	43.4
2	0.5675	LA	49.4	48.8	20.1	0.2	30.4	45.3	44.7	72.5	27.2	27.8
3	0.8512	LA	51.1	46.2	20.1	0.3	30.4	47.1	42.2	69	21.9	26.8
4	1.1352	LA	45.2	43.3	20.1	0.3	30.4	41.2	39.3	66.5	25.3	27.2
5	1.4176	LA	46.5	41.2	20.1	0.3	30.4	42.5	37.2	64.5	22.0	27.3
6	1.7257	LA	41.2	35.4	20.1	0.3	30.4	37.2	31.4	69.5	32.3	38.1
7	2.0034	LA	49.5	47.5	20.1	0.3	30.4	45.5	43.5	69.5	24.0	26.0
8	2.2879	LA	45.4	43.8	20.1	0.4	30.4	41.5	39.9	69.5	28.0	29.6
9	2.5726	LA	47.0	45.6	20.1	0.4	30.4	43.1	41.7	69.5	26.4	27.8
10	2.2854	LA	46.6	44.8	20.1	0.4	30.4	42.7	40.9	69.5	26.8	28.6

SAMPLE CALCLATION :

RESULT = READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN .

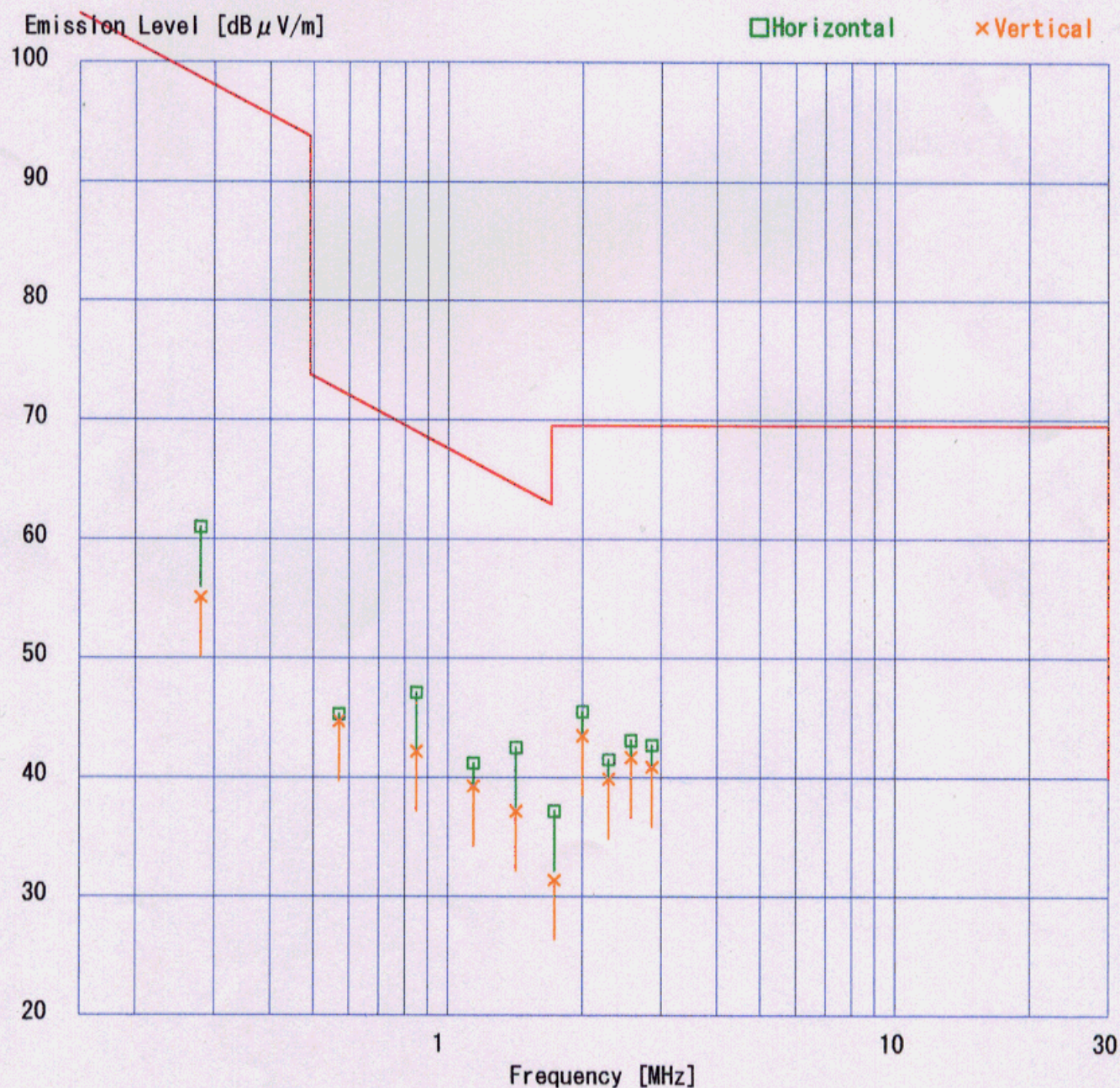
Expect for the above table : adequate margin data below the limits.

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A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.2 OPEN TEST SITE
Report No. : 21CE0032-YW-1

Applicant : SHINKO ELECTRIC CO., LTD.
Kind of Equipment : CMC (CMCBC, CMCBM, CMCTR)
Model No. : CMC (CMCBC, CMCBM, CMCTR)
Serial No. :
Power : AC100V/60Hz
Mode : Running (285.7kHz)
Remarks :
Date : 10/20/2000
Test Distance : 3 m
Temperature : 21 °C
Humidity : 78 %
Regulation : Fcc 15C § 15.209(a) MAGNETIC

H. Tabata
Engineer : Hiroya Tabata

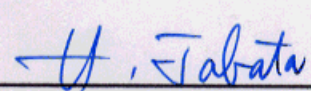


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COMPANY : SHINKO ELECTRIC CO., LTD.
TRADE NAME : SHINKO
EQUIPMENT : CMC (CMCBC, CMCBM, CMCTR)
MODEL : CMC (CMCBC, CMCBM, CMCTR)
POWER : AC100V/60Hz
DESCRIPTION : Running (315.8kHz)
REMARKS :
DATE : 2000/10/20

REPORT NO : 21CE0032-YW-1
REGULATION : Fcc 15C Magnetic Field
CLASS :
TEST DISTANCE : 3m
ATTENUATOR : 6dB


ENGINEER : Hiroya Tabata

No.	FREQ [MHz]	ANT TYPE	READING (PK)		ANT Factor [dB]	CABLE LOSS [dB]	AMP GAIN [dB]	RESULT		LIMIT [dB μ V/m]	MARGIN	
			HOR [dB μ V]	VER [dB μ V]				HOR [dB μ V/m]	VER [dB μ V/m]		HOR [dB]	VER [dB]
1	0.3155	LA	65.6	63.7	20.1	0.2	30.1	61.8	59.9	97.6	35.8	37.7
2	0.6326	LA	45.8	46.7	20.1	0.2	30.4	41.7	42.6	71.5	29.8	28.9
3	0.9463	LA	51.9	47.8	20.1	0.3	30.4	47.9	43.8	68	20.1	24.2
4	1.2617	LA	50.7	49.0	20.1	0.3	30.4	46.7	45.0	65.5	18.8	20.5
5	1.5781	LA	44.2	43.6	20.1	0.3	30.4	40.2	39.6	63.6	23.4	24.0
6	1.8946	LA	46.6	43.9	20.1	0.3	30.4	42.6	39.9	69.5	26.9	29.6
7	2.2087	LA	46.3	45.4	20.1	0.3	30.4	42.3	41.4	69.5	27.2	28.1
8	2.5246	LA	50.3	45.6	20.1	0.4	30.4	46.4	41.7	69.5	23.1	27.8
9	2.8398	LA	51.2	49.0	20.1	0.4	30.4	47.3	45.1	69.5	22.2	24.4
10	3.1564	LA	55.7	52.4	20.1	0.4	30.4	51.8	48.5	69.5	17.7	21.0

SAMPLE CALCLATION :

RESULT = READING + ANT.FACTOR + CABLE LOSS - AMP.GAIN + ATTEN .

Expect for the above table : adequate margin data below the limits.

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