

\*\*\*\*\*Cosmos Corp\*\*\*\*\*

<<< Radiated Emission >>>

13 December, 1996 16:47

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Model : UAW500S-24  
 Serial No. : 6462403  
 Standard : EN55022 Class B  
 Condition File : 10m  
 Condition : Operated  
 Remarks : EMI Test Receiver : ESVS (ROHDE&SCHWARZ) /  
           : Spectrum Analyzer: FSB (ROHDE&SCHWARZ) /  
           : EMI Test System : TS9949 (TOYO) /  
 AC Power : 230 V 50 Hz  
 Temperature : 12 deg.  
 Humidity : 62 %  
 Operator : H. Wakabayashi

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----- Final Result -----

- Horizontal Polarization -

No.	Frequency [MHz]	Reading [dBUV]	c.f. [dB]	Result [dBUV/m]	Limit [dBUV/m]	Margin [dB]
1	185.279	31.7	-18.0	13.7	30.0	16.3
2	206.423	31.2	-17.6	13.6	30.0	16.4

- Vertical Polarization -

No.	Frequency [MHz]	Reading [dBUV]	c.f. [dB]	Result [dBUV/m]	Limit [dBUV/m]	Margin [dB]
3	30.938	33.7	-11.5	22.2	30.0	7.8
4	68.221	40.1	-21.9	18.2	30.0	11.8
5	91.789	34.4	-18.8	15.6	30.0	14.4
6	104.560	37.3	-16.9	20.4	30.0	9.6
7	180.446	37.8	-18.0	19.8	30.0	10.2
8	263.802	27.6	-13.3	14.3	37.0	22.7

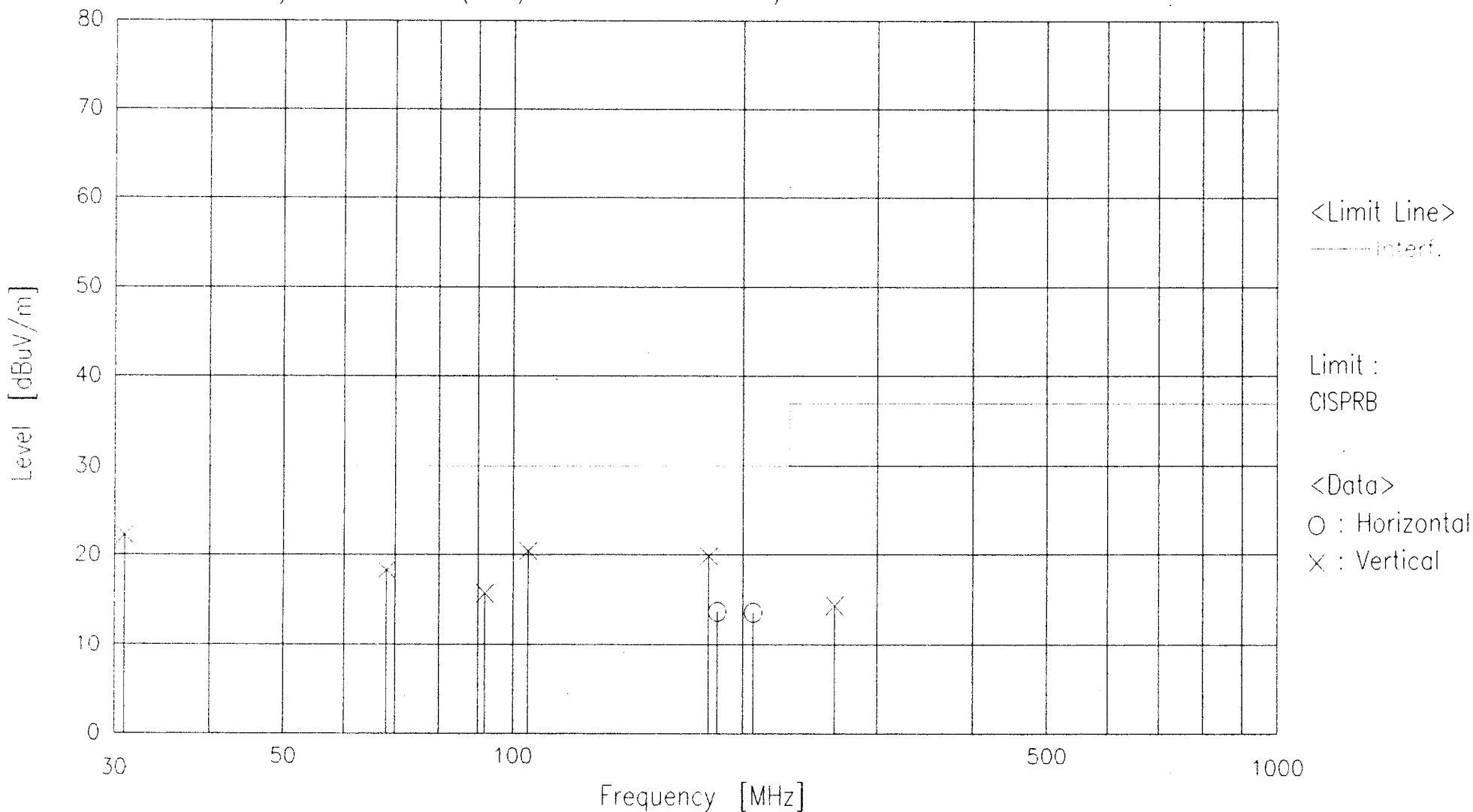
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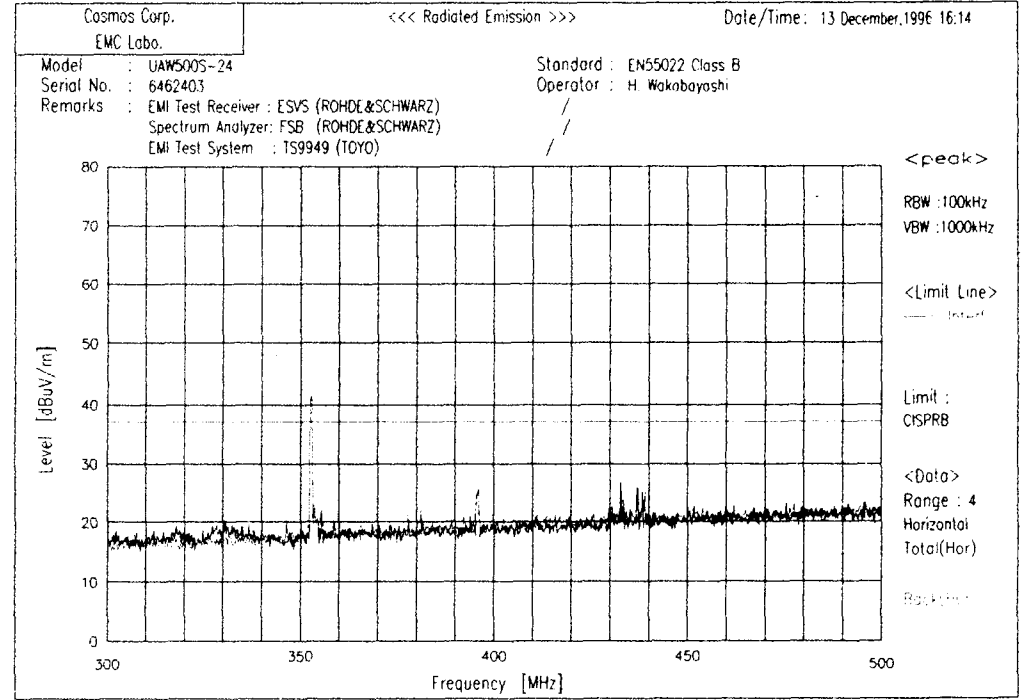
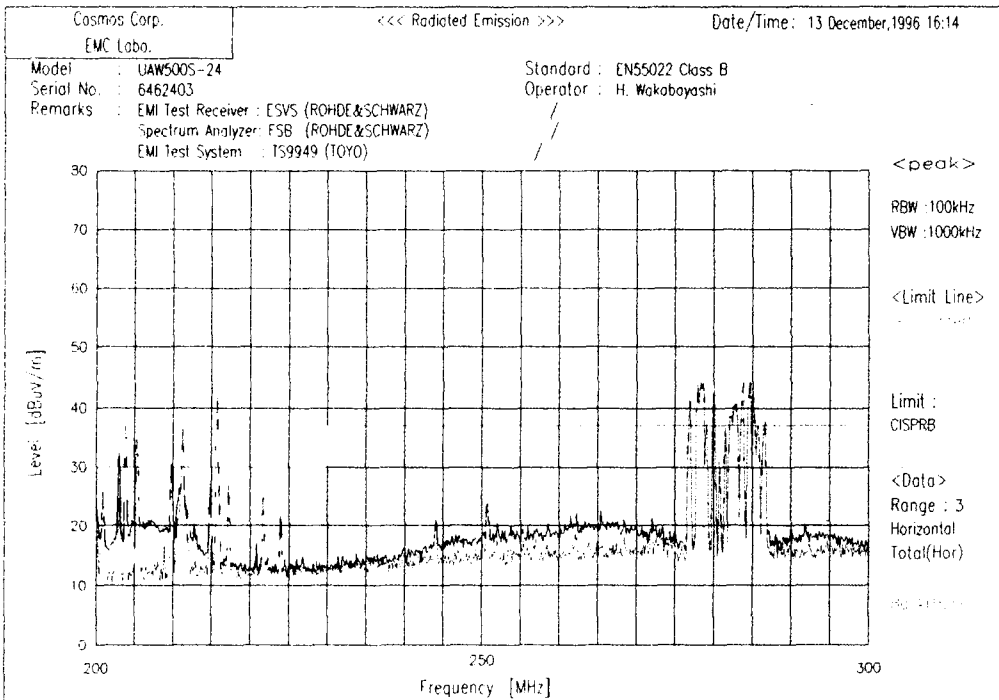
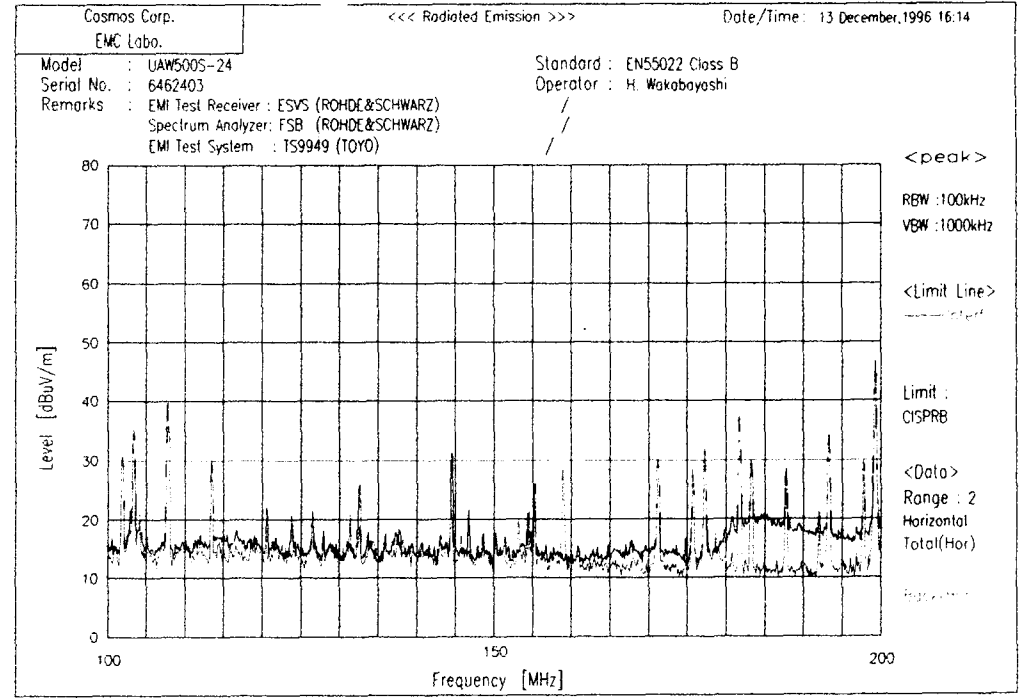
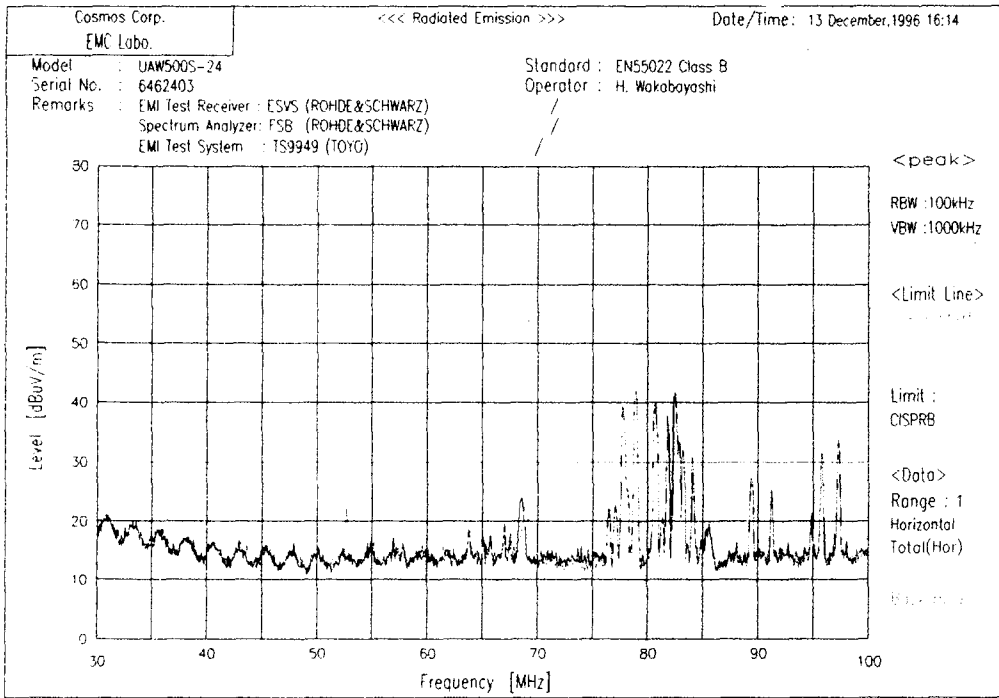
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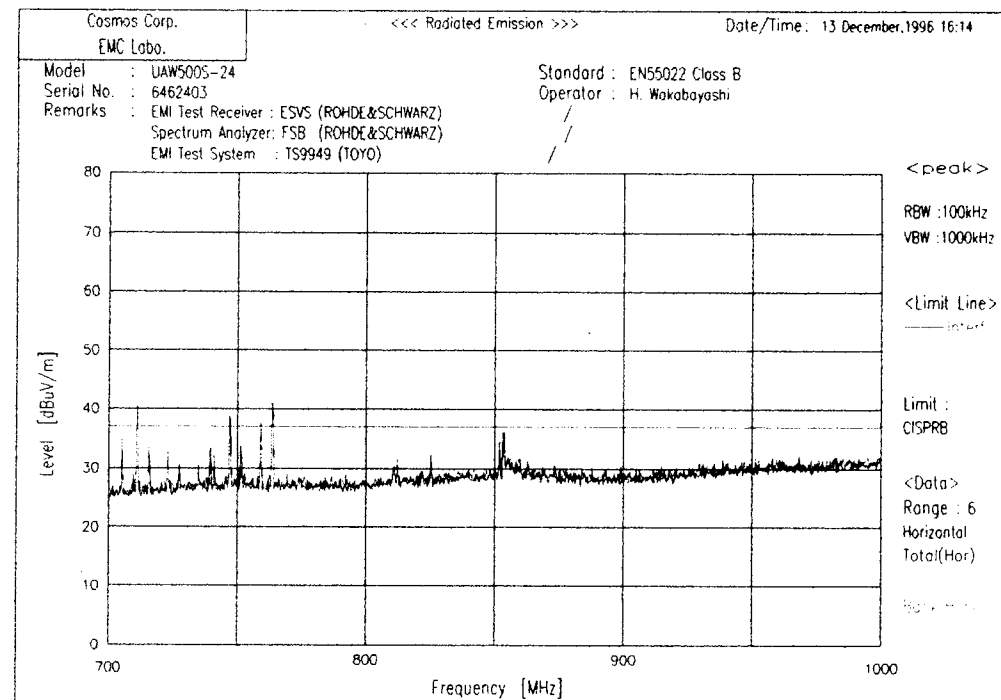
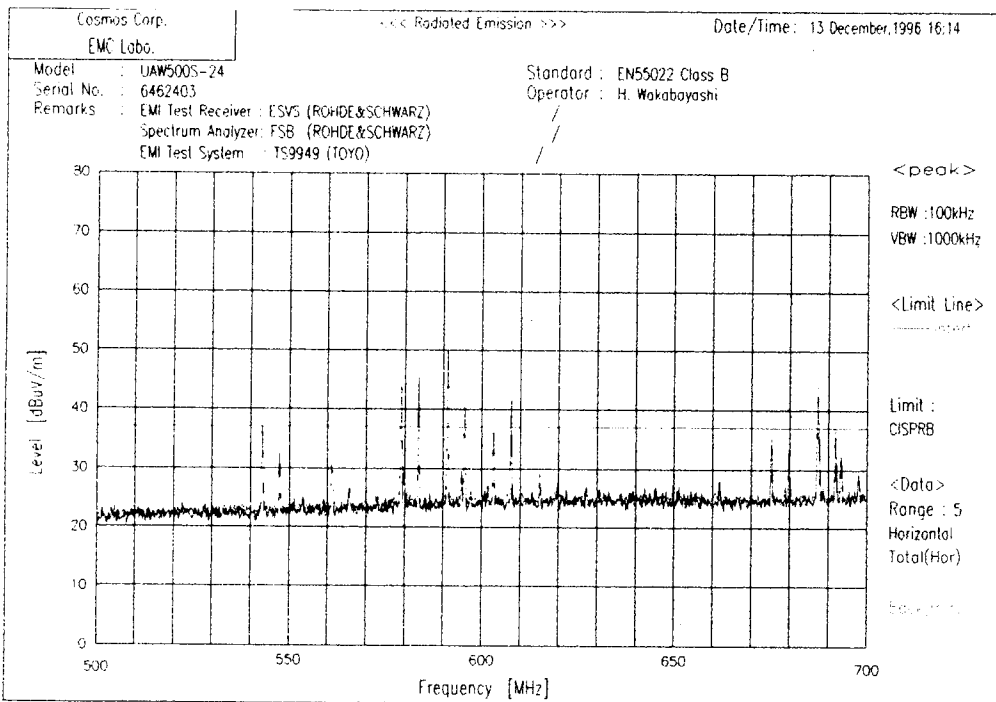
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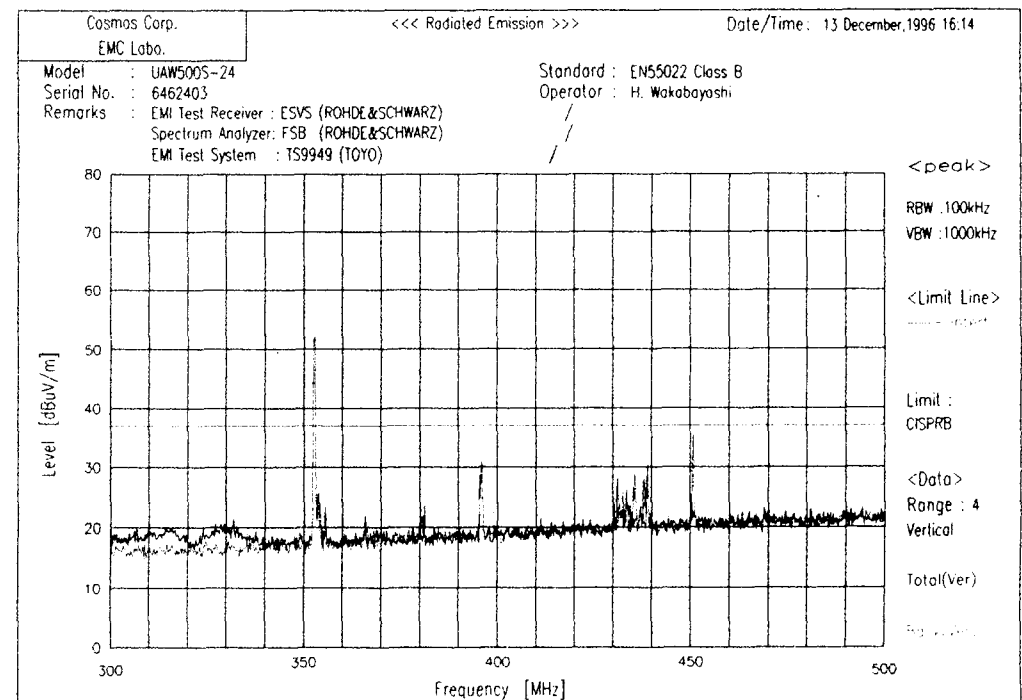
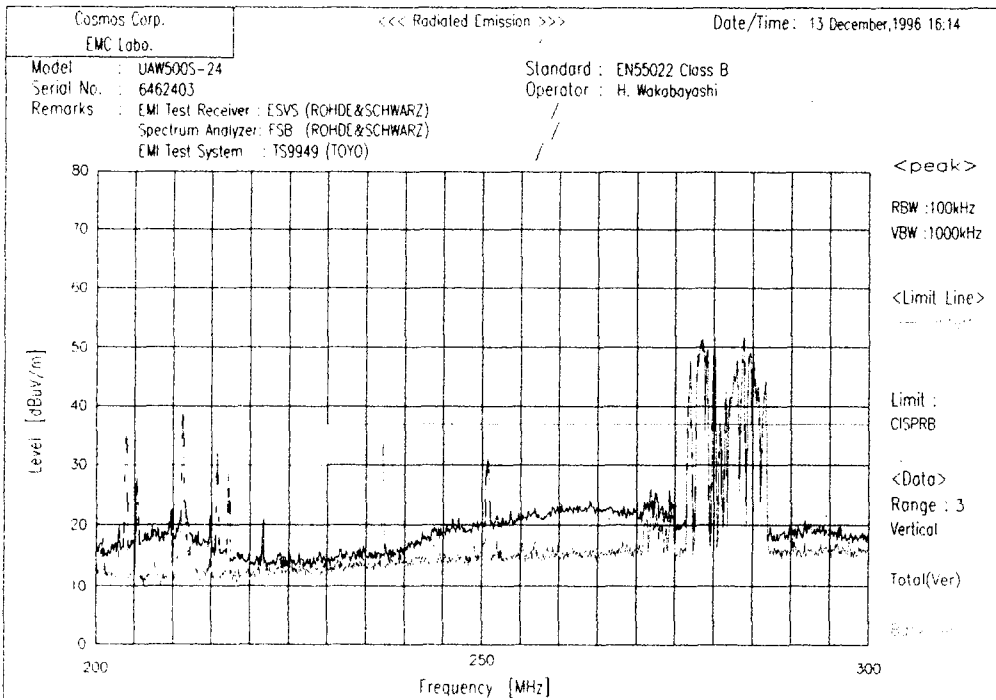
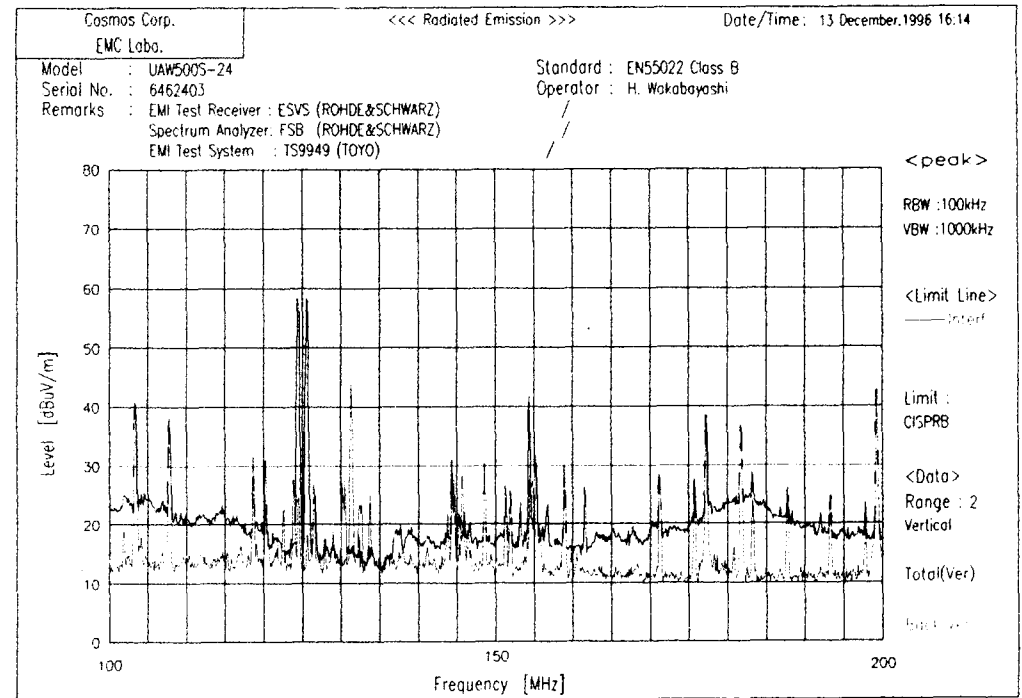
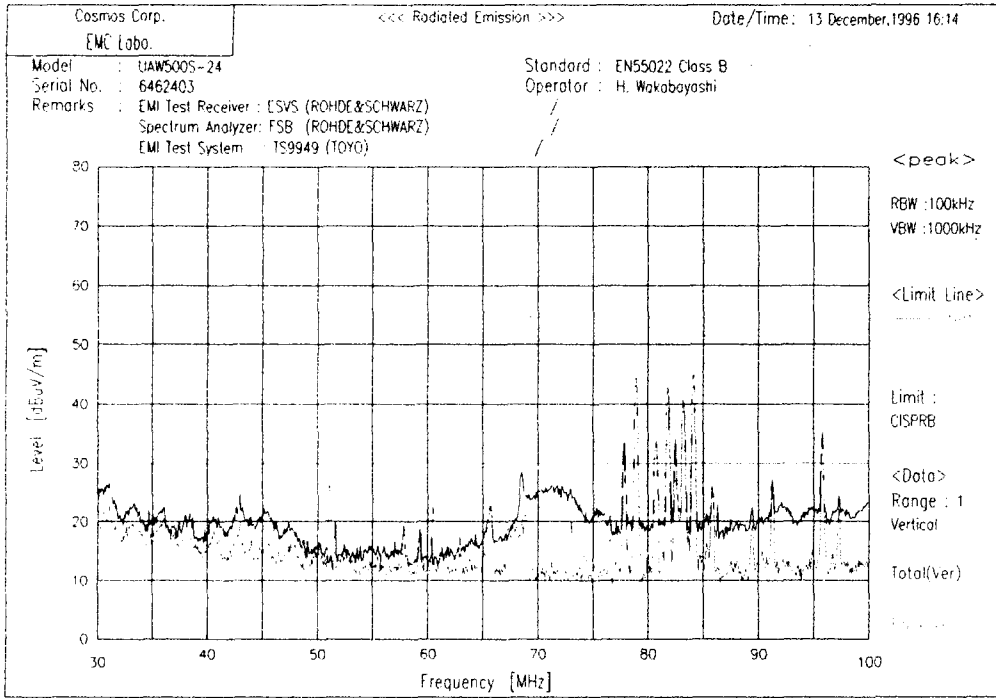
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 Spectrum Analyzer: FSB (ROHDE&SCHWARZ)  
 EMI Test System : TS9949 (TOYO)

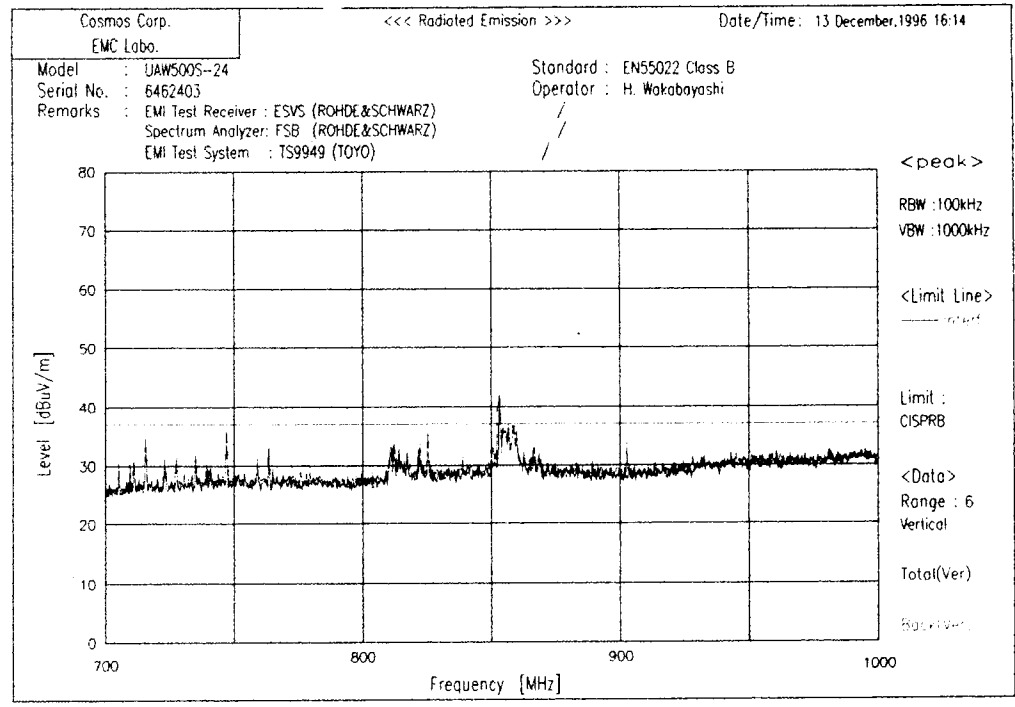
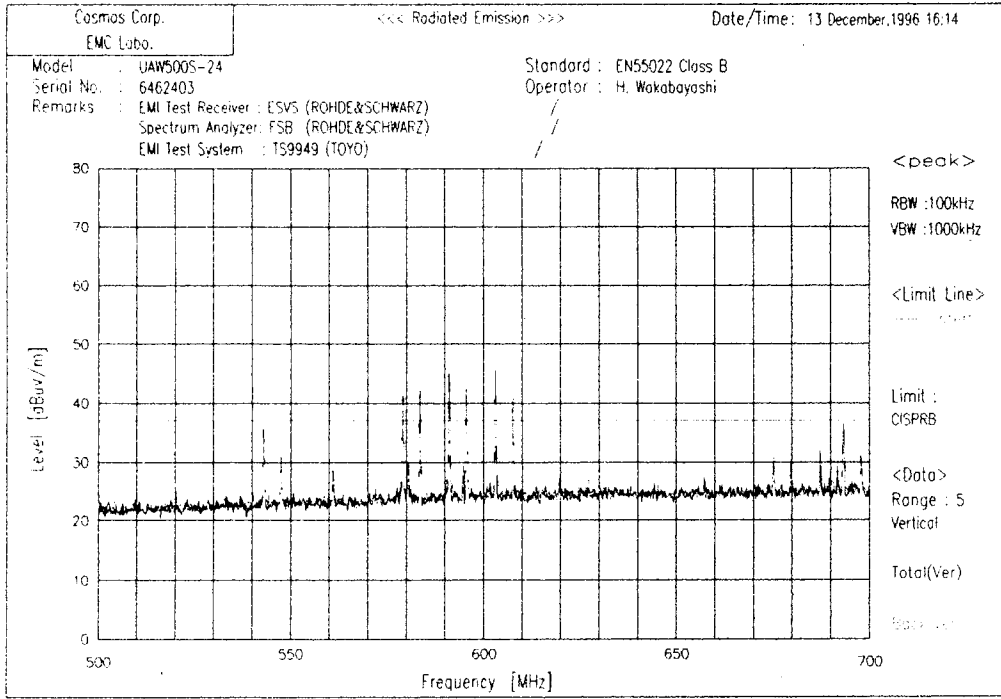
Standard : EN55022 Class B  
 Operator : H. Wakabayashi











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 <<< Conducted Emission >>>

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Model : UAW500S-24  
 Serial No. : 6462403  
 Standard : EN55022 Class B  
 Condition File : EN55022  
 : Operated  
 Remark :  
 :  
 :  
 :  
 AC Power : 230 V 50 Hz  
 Temperature : 12 deg.  
 Humidity : 60 %  
 Operator : H.Wakabayashi

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----- Results -----

No.	Frequency [MHz]	Reading		c.f. [dB]	Result		Limit		Margin	
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dB]	AV [dB]
Phase N										
1	0.16742	52.4	48.2	9.9	62.3	58.1	65.1	55.1	2.8	-3.0
2	0.33713	35.0	31.4	9.8	44.8	41.2	59.3	49.3	14.5	8.1
3	0.50404	24.5	21.8	10.0	34.5	31.8	56.0	46.0	21.5	14.2
4	1.00570	15.6	14.6	9.9	25.5	24.5	56.0	46.0	30.5	21.5
5	2.01964	17.8	15.8	9.9	27.7	25.7	56.0	46.0	28.3	20.3
6	8.58832	27.4	24.3	10.4	37.8	34.7	60.0	50.0	22.2	15.3
7	12.46258	27.8	24.8	10.5	38.3	35.3	60.0	50.0	21.7	14.7
8	19.36478	26.8	22.5	10.5	37.3	33.0	60.0	50.0	22.7	17.0
9	25.59647	22.0	17.6	10.5	32.5	28.1	60.0	50.0	27.5	21.9

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 Standard : EN55022 Class B  
 Condition File : EN55022  
 : Operated  
 Remark :  
 :  
 :  
 :  
 AC Power : 230 V 50 Hz  
 Temperature : 12 deg.  
 Humidity : 60 %  
 Operator : H.Wakabayashi

\*\*\*\*\*

----- Results -----

No.	Frequency [MHz]	Reading		c.f. [dB]	Result		Limit		Margin	
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dB]	AV [dB]
Phase L1										
1	0.16705	52.6	48.3	9.9	62.5	58.2	65.1	55.1	2.6	-3.1
2	0.33556	31.8	28.3	9.8	41.6	38.1	59.3	49.3	17.7	11.2
3	0.50374	25.9	21.8	10.0	35.9	31.8	56.0	46.0	20.1	14.2
4	1.00731	23.8	21.6	9.9	33.7	31.5	56.0	46.0	22.3	14.5
5	8.42132	28.2	27.0	10.3	38.5	37.3	60.0	50.0	21.5	12.7
6	12.62904	27.0	24.4	10.5	37.5	34.9	60.0	50.0	22.5	15.1
7	19.53467	27.5	22.5	10.5	38.0	33.0	60.0	50.0	22.0	17.0
8	24.75677	22.4	17.5	10.5	32.9	28.0	60.0	50.0	27.1	22.0



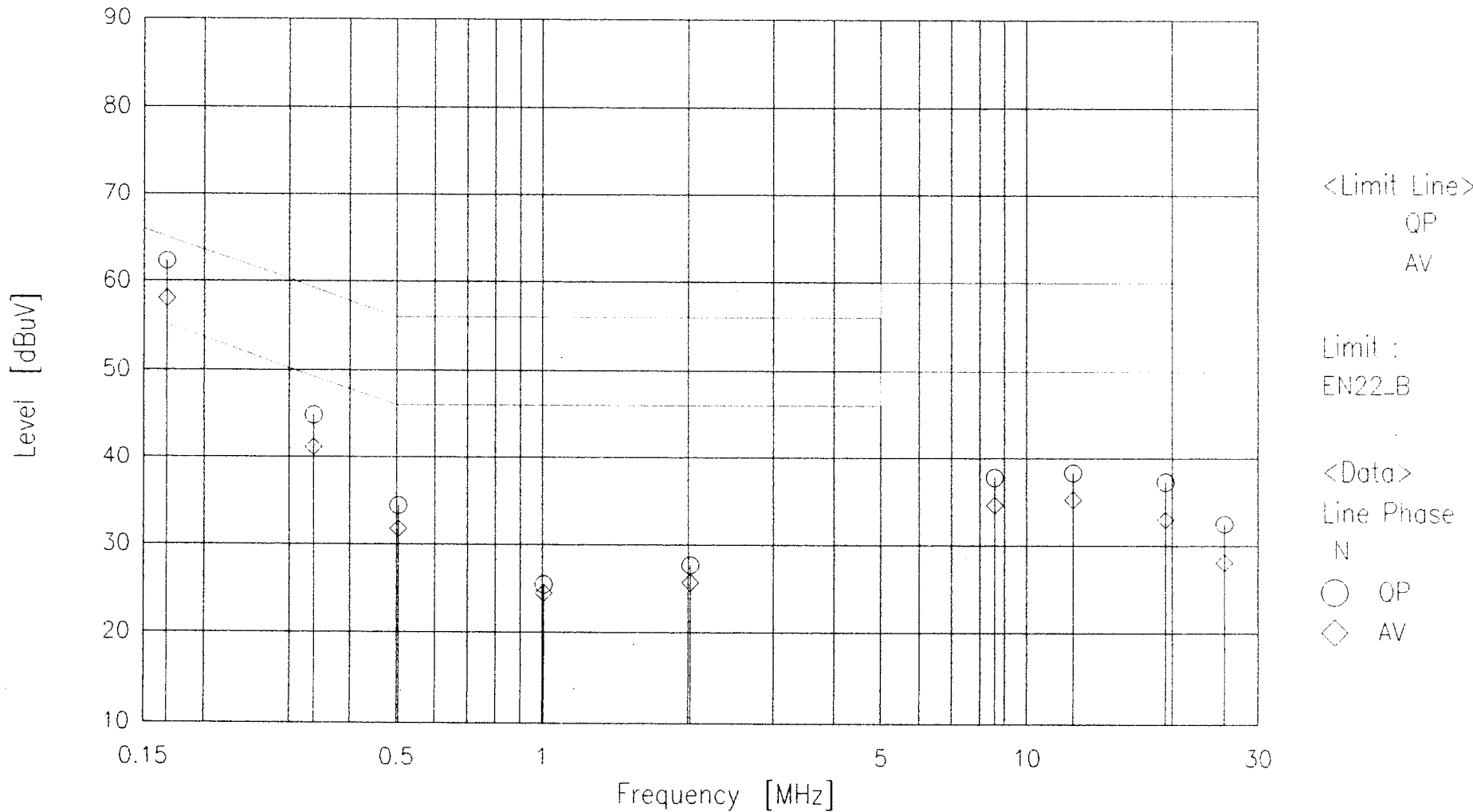
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