

EXHIBIT 5D-1A
(New Submission)
(Alternate Construction)



China

150k-30MHz Conducted Emission Test
NN-H275BF

EUT: Microwave Oven
 Manuf: Panasonic Home Appliances Microwave Oven Co., Ltd.
 Op Cond: Power on (P10)
 Operator: Hanyan Sun
 Test Spec: FCC Part 18
 Comment: Phase L
 Sample No: 51220051
 Result File: h27516.dat : New Measurement

Scan Settings (2 Ranges)				Receiver Settings					
Start	Stop	Step	IF BW	Detector	M-Time	Atten	Preamp	OpRge	
150kHz	1000kHz	5kHz	10kHz	PK+AV	50msec	Auto	OFF	60dB	
1000kHz	30MHz	10kHz	10kHz	PK+AV	50msec	Auto	OFF	50dB	

Transducer	No	Start	Stop	Name
	1	150kHz	30MHz	4200

Final Measurement: Detectors X QP / + AV
 Meas Time 1sec
 Subranges 8
 Acc Margin 6 dB

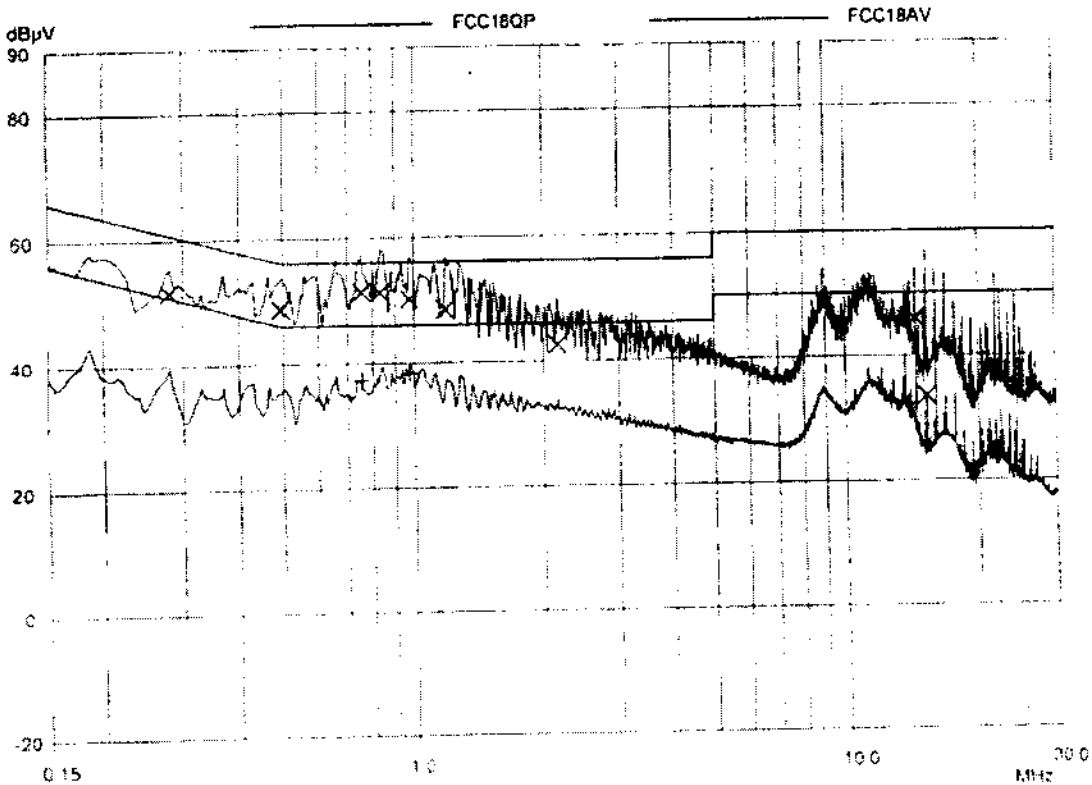


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NN-H275BF

EUT: Microwave Oven
 Manuf: Panasonic Home Appliances Microwave Oven Co., Ltd.
 Op Cond: Power on (P10)
 Operator: Hanyan Sun
 Test Spec: FCC Part 18
 Comment: Phase L
 Sample No. 51220051
 Result File: h275bf.dat : New Measurement

Scan Settings (2 Ranges)

Frequencies				Receiver Settings				
Start	Stop	Step	IF BW	Detector	M-Time	Atten	Preamp	OpRge
150kHz	1000kHz	5kHz	10kHz	PK+AV	50msec	Auto	OFF	60dB
1000kHz	30MHz	10kHz	10kHz	PK+AV	50msec	Auto	OFF	60dB

Transducer	No.	Start	Stop	Name
	1	150kHz	30MHz	4200

Final Measurement: Detectors X OP / + AV
 Meas Time 1sec
 Subranges 8
 Acc Margin 6 dB

Final Measurement Results

Frequency MHz	QP Level dBuV	QP Limit dBuV	QP Delta dB
0.28	51.59	60.00	9.23
0.495	48.73	56.00	7.35
0.755	51.26	56.00	4.74
0.835	51.17	56.00	4.83
0.975	50.06	56.00	5.94
1.18	48.42	56.00	7.58
2.17	42.62	56.00	13.38
14.48	45.91	60.00	14.09
15.28	33.52	60.00	26.48

Frequency MHz	AV Level dBuV	AV Limit dBuV	AV Delta dB
0.755	37.21	46.00	8.79
0.975	38.33	46.00	7.67

* limit exceeded

Project Number 48889500604

Jiangsu TUV Product Service Ltd

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 EMC_TEST REPORT_PRE SCAN v1.1 Ver 5.3 2004-06-29



China

(Alternate Construction)

150k-30MHz Conducted Emission Test

NN-H275BF

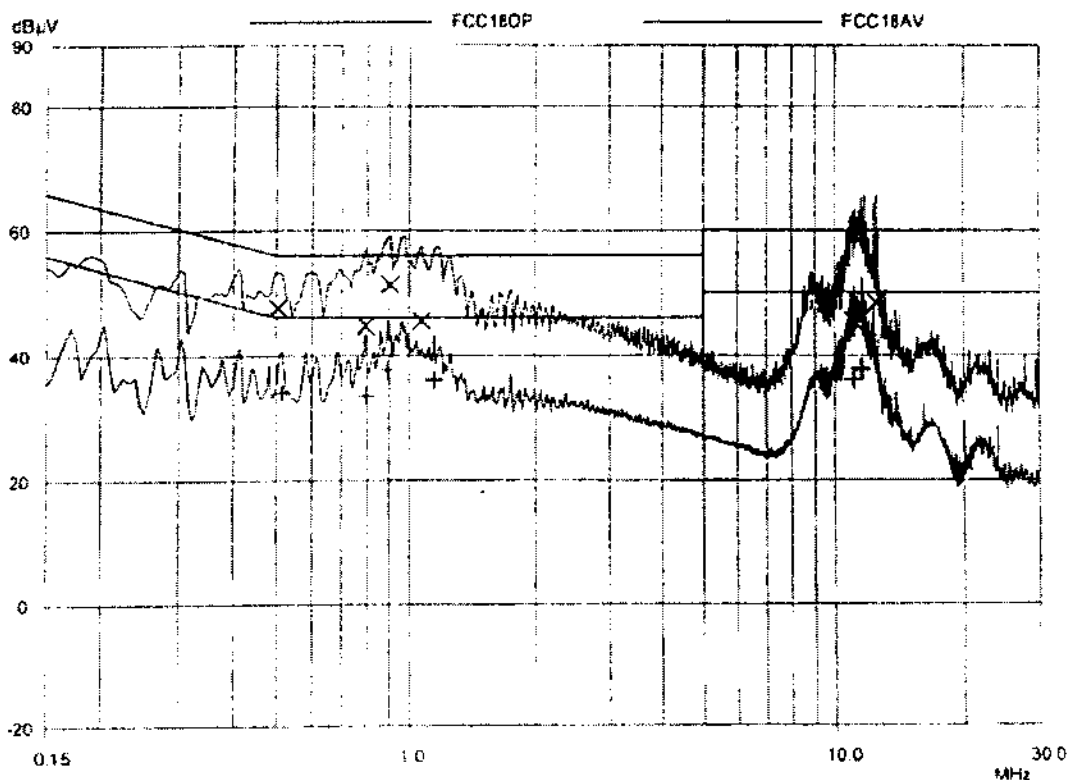
EUT: Microwave Oven
 Manuf: Panasonic Home Appliances Microwave Oven Co., Ltd.
 Op Cond: Power on (P10)
 Operator: Manyan Sun
 Test Spec: FCC Part 18
 Comment: Phase N
 Sample No: 51220051
 Result File: h275n5.dat: New Measurement

Scan Settings (2 Ranges)

Frequencies				Receiver Settings				
Start	Stop	Step	IF BW	Detector	M-Time	Atten	Preamp	OpRge
150kHz	1000kHz	5kHz	10kHz	PK+AV	50msec	Auto	OFF	60dB
1000kHz	30MHz	10kHz	10kHz	PK+AV	50msec	Auto	OFF	60dB

Transducer	No.	Start	Stop	Name
	1	150kHz	30MHz	4200

Final Measurement: Detectors X QP / + AV
 Meas Time 1sec
 Subranges 8
 Acc Margin 6 dB



Project Number: 46889500604

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EXHIBIT 5D-2A
(New Submission)
(Alternate Construction)



China

150k-30MHz Conducted Emission Test
NN-H275BF

EUT: Microwave Oven
 Manuf: Panasonic Home Appliances Microwave Oven Co., Ltd
 Op Cond: Power on (P10)
 Operator: Hanyan Sun
 Test Spec: FCC Part 18
 Comment: Phase N
 Sample No: 51220051
 Result File: h275n6.dat : New Measurement

Scan Settings (2 Ranges)

Frequencies				Receiver Settings				
Start	Stop	Step	IF BW	Detector	M-Time	Atten	Preamp	OpRge
150kHz	1000kHz	5kHz	10kHz	PK+AV	50msec	Auto	OFF	60dB
1000kHz	30MHz	10kHz	10kHz	PK+AV	50msec	Auto	OFF	60dB

Transducer	No.	Start	Stop	Name
	1	150kHz	30MHz	4200

Final Measurement: Detectors X OP / + AV
 Meas Time 1sec
 Subranges 8
 Acc Margin 6 dB

Final Measurement Results

Frequency MHz	QP Level dBµV	QP Limit dBµV	QP Delta dB
0.505	47.55	56.00	8.45
0.795	44.70	56.00	11.30
0.905	51.36	56.00	4.64
1.07	45.60	56.00	10.50
11.07	45.30	60.00	14.70
11.49	45.55	60.00	14.45
12.5	48.26	60.00	11.74

Frequency MHz	AV Level dBµV	AV Limit dBµV	AV Delta dB
0.515	34.04	46.00	11.96
0.795	33.58	46.00	12.42
0.895	37.73	46.00	8.27
1.14	36.11	46.00	9.89
11.07	36.11	50.00	13.89
11.49	38.03	50.00	11.97
11.53	37.65	50.00	12.35

* limit exceeded

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