

6.RADIATED EMISSIONS TEST

RADIATED TEST DATA SHEET

COMPANY: SAMSUNG ELECTRONICS

EUT NAME: 650W MICROWAVE OVEN

M/N: MW 3090W

Freq. (Mhz)	Level (dBuv)	AF (dB)	CL (dB)	AMP (dB)	Other (dB)	DIST (dB)	Total (dBuv/m)	Limit (dBuv/m)	Margin (dB)
2.451	28.40	28.1	3.6	0	0	-49.5	10.6	28	-17.40
4.889	31.29	33.2	5.4	-41.99	1	-49.5	-20.6	28	-48.60
4.897	32.40	33.8	5.4	-41.99	1	-49.5	-18.89	28	-46.89
7.234	27.30	37.2	6.66	-40.60	1	-49.5	-17.94	28	-45.94
7.289	27.90	37.3	6.66	-40.60	1	-49.5	-17.24	28	-45.24
9.606	26.30	38.1	7.92	-39.30	1	-49.5	-15.48	28	-43.48
9.696	25.40	38.1	7.92	-39.3	1	-49.5	-16.38	28	-44.38
12.061	21.90	39.3	9.0	-39.56	1	-49.5	-17.86	28	-45.86
14.443	21.50	41.2	10.26	-42.30	1	-49.5	-17.84	28	-45.84
16.843	21.10	43.1	11.7	-43.75	1	-49.5	-16.35	28	-44.35
19.294	20.90	32.0	13.14	-43.11	1	-49.5	-25.57	28	-53.57
21.745	21.70	32.6	13.5	-42.45	1	-49.5	-23.15	28	-51.15
24.196	21.0	33.0	15.88	-43.95	1	-49.5	-22.57	28	-50.57

DIST: Distance Correction (-49.5dB,1M)

Analyzer: HP8593E, cal due:5/28/01

Antenna: EMCO 3155,cal due: 9/24/02

Preamp: MITEQ, NSP2600-44

Other: High pass filter insertion loss

Analyzer B/W setting:

	Peak	Ave
Res	1Mhz	1Mhz
Vid	1Mhz	10Hz

Limit=25X $\sqrt{P/500}$ =28dBuv/m at 300m