

COMPLIANCE CERTIFICATION SERVICES, INC.												Sheet1										
Radiated Emissions												06/19/00										
												Kerwin Corpuz										
												A-SITE (1.0 Meter)										
SAMSUNG ELECTRONICS CO. -3																						
950W Microwave Oven (M/N: MC7698W); FCC ID: A3LMC769																						
f0= 2450 MHz																						
F(MHz)	READING		AF	CL	AMP	DIST	HPF	TOTAL		LIMIT		MARGIN										
	(dBuV)		(dB)	(dB)	(dB)	(dB)	(dB)	(dBuV/m)		(dBuV/m)		(dB)										
	Av							Av			Av		Av	LOAD								
4925V	41.1		32.9	5.6	-31.25	-49.54	1	-0.19			27.96		-28.2	>								
4925H	42		32.9	5.6	-31.25	-49.54	1	0.71			27.96		-27.3	>								
7396V	43.3		37	6.6	-31.25	-49.54	1	7.11			27.96		-20.9	>>								
7206H	39.9		36.1	6.6	-31.25	-49.54	1	2.81			27.96		-25.2	>>								
9866V	38		37.9	8.28	-31.25	-49.54	1	4.39			27.96		-23.6	>>								
9866H	37.5		37.9	8.28	-31.25	-49.54	1	3.89			27.96		-24.1	>>								
12331*	36.6		39	9	-31.25	-49.54	1	4.81			27.96		-23.2	>>								
14796V	40.6		39.9	10.7	-31.25	-49.54	1	11.41			27.96		-16.6	>>								
14796H	40.2		39.9	10.7	-31.25	-49.54	1	11.01			27.96		-17	>>								
17261V	43		44	11.88	-31.25	-49.54	1	19.09			27.96		-8.87	>>								
17261H	42.2		44	11.88	-31.25	-49.54	1	18.29			27.96		-9.67	>>								
19727*	41.3		32.1	12.6	-31.25	-49.54	1	6.21			27.96		-21.8	>>								
22195*	43.4		32.5	14.22	-31.25	-49.54	1	10.33			27.96		-17.6	>>								
24657*	43.3		32.5	15.12	-31.25	-49.54	1	11.13			27.96		-16.8	>>								
* Measured noise floor (worse case vertical)																						
NOTE: MEASURED HORIZONTAL (H) AND VERTICAL (V)														ANALYZER SETTINGS								
DIST: Correction to extrapolate reading to 300m specification distance														Res bw		Avg. bw						
1M measurement distance: -49.54dB														PEAK(Pk):		1MHz		1MHz				
AF: Antenna Factor														AVERAGE(Avg):		1MHz		10Hz				
ANTENNA: EMCO, 3115, S/N:9001-3245, cal due:1/5/01 & ARA, MWH-1826/B, S/N:1013, cal due:7/28/00																						
AMP: Pre-amp gain																						
PRE-AMP: HP, 8449B, S/N:3008A00369, cal due:4/12/01																						
CL: Cable loss (18ft)																						
HPF: High pass filter insertion loss (FSY;4.6GHz, S/N:001 & 7.6GHz, S/N:002)																						
LOAD: >300ml at front right corner of inside oven.																						
>>700ml at center of inside oven.																						