COMPLIANCE Certification Services

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Project #: 00U0299-1
Report #: 000616A1
Date& Time: 06/16/00 2:07 PM
Test Engr: RONNY CASTILLO

Company: SAMSUNG ELECTRONICS CO., LTD.-3
EUT Description: MICROWWAVE OVEN (1000W)
Test Configuration : EUT
Type of Test: FCC 18
Mode of Operation: NORMAL

A-Site

Freq. (MHz)	Reading (dBuV)	AF (dB)	Closs (dB)	Pre-amp (dB)	Level (dBuV/m)	Limit FCC_B	Margin (dB)	Pol (H/V)	Az (Deg)	Height (Meter)	Mark (P/Q/A)
58.28	50.60	6.91	1.00	27.89	30.62	68.00	-37.38	3mV	0.00	1.00	P
70.65	49.20	6.72	1.09	27.88	29.12	68.00	-38.88	3mV	180.00	1.00	P
51.92	49.10	7.87	0.95	27.90	30.02	68.00	-37.98	3mV	0.00	1.00	P
61.61	52.50	6.65	1.03	27.89	32.30	68.00	-35.70	3mV	0.00	1.00	P
57.02	51.70	7.10	0.99	27.89	31.90	68.00	-36.10	3mV	0.00	1.00	P
60.24	52.00	6.65	1.02	27.89	31.78	68.00	-36.22	3mV	0.00	1.00	P
62.35	49.70	6.66	1.03	27.89	29.50	68.00	-38.50	3mV	0.00	1.00	P
79.00	49.83	7.20	1.17	27.88	30.32	68.00	-37.68	3mV	0.00	1.00	P
86.60	46.30	9.42	1.23	27.84	29.11	68.00	-38.89	3mV	0.00	1.00	P
86.58	42.00	9.41	1.23	27.84	24.80	68.00	-43.20	3mV	0.00	1.00	P
76.14	51.30	7.04	1.14	27.88	31.60	68.00	-36.40	3mV	0.00	1.00	P

Total data #: 11
V.2a

Limit at 3m = 40dB + 28dBuV = 68dBuv/m, where 28dBuv/m is the limit at 300m.

Distance Correction= 20 * log (300/3) = 40 dB