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Project #: 00U0500-1
Report #: 000928A1
Date & Time: 10/02/00 12:57 PM
Test Engr: Thu Chan

T.C.

Company: Samsung Electronics Co., Ltd.
EUT Description: Microwave Oven (M/N: GE JVM1840)
Test Configuration: EUT
Type of Test: FCC 18
Mode of Operation: Harmonic's Measurement

☒ A-Site ☐ B-Site ☐ C-Site ☐ F-Site ☐ 6 Worst Data ☐ Descending

Freq.	Reading	AF	Closs	Pre-amp	Dist	Other	Level	Limit	Margin	Pol
(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dB)	(dB)	(dBuV/m)	FCC 18	(dB)	(H/V)
2202	28.90	27.52	0.78	0.00	49.50	0.00	7.70	28.54	-20.84	V
2505	23.50	28.02	0.88	0.00	49.50	0.00	2.90	28.54	-25.64	V
2739	20.00	29.00	0.94	0.00	49.50	0.00	0.44	28.54	-28.10	V
4988	30.20	32.88	6.30	31.25	49.50	1.00	-12.37	28.54	-40.91	H
7359	31.20	36.82	7.88	31.25	49.50	1.00	-5.85	28.54	-34.39	H
7359	32.00	36.82	7.88	31.25	49.50	1.00	-5.05	28.54	-33.59	V
9787	28.50	37.56	9.08	31.25	49.50	1.00	-6.61	28.54	-35.15	H
9787	28.00	37.56	9.08	31.25	49.50	1.00	-7.11	28.54	-35.65	V
12290	29.50	39.00	10.20	31.25	49.50	1.00	-3.05	28.54	-31.59	V
12290	29.00	39.00	10.20	31.25	49.50	1.00	-3.55	28.54	-32.09	H
14680	32.00	40.16	11.68	31.25	49.50	1.00	2.09	28.54	-26.45	H
14680	31.60	40.16	11.68	31.25	49.50	1.00	1.69	28.54	-26.85	V
17146	34.50	43.61	13.29	31.25	49.50	1.00	9.65	28.54	-18.89	H
17146	35.00	43.61	13.29	31.25	49.50	1.00	10.15	28.54	-18.39	V
19590	42.50	32.14	14.61	31.25	49.50	1.00	7.50	28.54	-21.04	H
19590	42.40	32.14	14.61	31.25	49.50	1.00	7.40	28.54	-21.14	V
22040	42.86	32.50	15.82	31.25	49.50	1.00	9.43	28.54	-19.11	H
24490	43.17	32.49	17.04	31.25	49.50	1.00	10.95	28.54	-17.59	H

Total data #: 18
V.2a

Peak: RBW=VBW=1MHz
Average: RBW=1MHz, VBW=10Hz

DIST: Correction to extrapolate reading to 1m specifications distance
20dB log(dm/Ds) where dm = meas. Dist, Ds = specification distance
OTHER: High pass filter insertion loss
Limit= 20log(25*SQR(571.6/500)) = 28.54