

INTERTEK TESTING SERVICES

Company: Giant Electronics Ltd.
Model: SWIM MX240a
Mode: TX (Base Unit)

Date of Test: October 7, 2002

Table 1

Radiated Emissions

Channel 1

Polarity	Frequency (MHz)	Reading (dB μ V)	Antenna Factor (dB)	Pre-Amp Gain (dB)	Net at 3m (dB μ V /m)	Peak Limit at 3m (dB μ V /m)	Margin (dB)
H	902.475	74.2	22.6	16	80.8	114	-33.2
H	1804.962	62.3	26.5	34	54.8	74	-19.2
H	2707.440	48.0	29.1	34	43.1	74	-30.9
H	3609.902	41.4	32.8	34	40.2	74	-33.8
H	4512.396	39.4	34.0	34	39.4	74	-34.6

Channel 16

Polarity	Frequency (MHz)	Reading (dB μ V)	Antenna Factor (dB)	Pre-Amp Gain (dB)	Net at 3m (dB μ V /m)	Peak Limit at 3m (dB μ V /m)	Margin (dB)
H	914.176	75.8	22.6	16	82.4	114	-31.6
H	1828.361	63.8	26.5	34	56.3	74	-17.7
H	2742.540	47.0	29.1	34	42.1	74	-31.9
H	3656.708	42.1	32.8	34	40.9	74	-33.1
H	4570.885	38.9	34.0	34	38.9	74	-35.1

Channel 32

Polarity	Frequency (MHz)	Reading (dB μ V)	Antenna Factor (dB)	Pre-Amp Gain (dB)	Net at 3m (dB μ V /m)	Peak Limit at 3m (dB μ V /m)	Margin (dB)
H	927.475	77.1	22.8	16	83.9	11	72.9
H	1854.957	63.4	26.5	34	55.9	74	-18.1
H	2782.436	48.7	29.1	34	43.8	74	-30.2
H	3709.902	41.9	32.8	34	40.7	74	-33.3
H	4637.280	41.2	34.0	34	41.2	74	-32.8

Notes: 1. Peak Detector Data unless otherwise stated.

2. All measurements were made at 3 meter. Harmonic emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other harmonic emissions than those reported were detected at a test distance of 0.3-meter.

3. Negative value in the margin column shows emission below limit.

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FCC ID: K7GHCLE1069