

Nemko EESI, Inc.
FCC, Part 15C, 15.209/15.247(c) Radiated Emissions Data Sheet
(3m Open Area Test Site)

Client: **SAIC**
EUT: **RTR-4 Wireless Accessory (for Controller)**
Model #: **120550**

Conducted by: **C. Rickard**
Date of Test: **02-24-00**
Test Distance: **3**

Frequency (MHz)	Spectrum Analyzer Reading at 3m (dBm V)	Antenna Position	f_o	Amp. Gain Factor (dB)	Cable Loss Factor (dB)	Antenna Factor (dB)	Total Interference Level at 3 m (dBm V/m)	Emission Spec. Limit at 3 m (dBm V/m)	Difference Margin (dB)
560.000	32.7	v	-	-	7.4	18.3	58.4	87.4	-29.1
1081.250	17.3	v	-	-0.3	2.7	25.5	45.8	55.0	-9.2
1120.000	18.2	v	-	-0.1	2.7	25.6	46.6	54.0	-7.4
1399.915	17.0	v	-	1.4	3.0	26.4	45.0	54.0	-9.0
2444.000	76.8	v	f_o	3.5	3.9	30.2	107.4	125.0	-17.6
4887.000	4.5	v	f_2	2.5	6.2	33.8	42.0	54.0	-12.0
7329.000	1.8	v	f_3	0.5	7.7	38.0	47.0	54.0	-7.0

Notes:

No additional harmonics of the fundamental frequency or spurious emissions were noted up to 24GHz.

Transmitter Local Oscillator reading at 560MHz was interpolated to 3m distance and compared to 15.247(c) limit.

15.205 Restricted Band limits apply to all other (non-fundamental) emissions.

Test Conditions: Standard radiated emissions test set up on FCC registered open field site. The highest emissions for all antenna heights, polarities, and table orientations are the only emissions recorded.