

47 CFR §15.109 Radiated Emission Limits. (a) The field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

Frequency of emission (MHz)	Field Strength (uV/Meter)
30-88.....	100
88-216.....	150
216-960.....	200
Above 960.....	500

(c) In the emission tables above, the tighter limit applies at the band edges. Sections 15.33 and 15.35 which specify the frequency range over which radiated emissions are to be measured and the detector functions and other measurement standards apply.

Honeywell International, Inc.
 6160 VPADT X Axis
 Keypad with Prox Reader Tested By: MA
 Limit: FCC Part 15 Class B

Horizontal 30 - 200MHz -----

No.	Frequency [MHz]	Reading [dB(uV)]	Factor [dB]	Factor [dB]	dB[uVolts/meter]				Margin [dB]
5	189.9066	19.05 pk	.2	15.5	34.75	43.5	Azimuth:15	Height:101 Horz	-8.75
6	76.2975	18.66 pk	.1	15.1	33.86	43.5	Azimuth:344	Height:399 Horz	-9.64

Vertical 30 - 200MHz -----

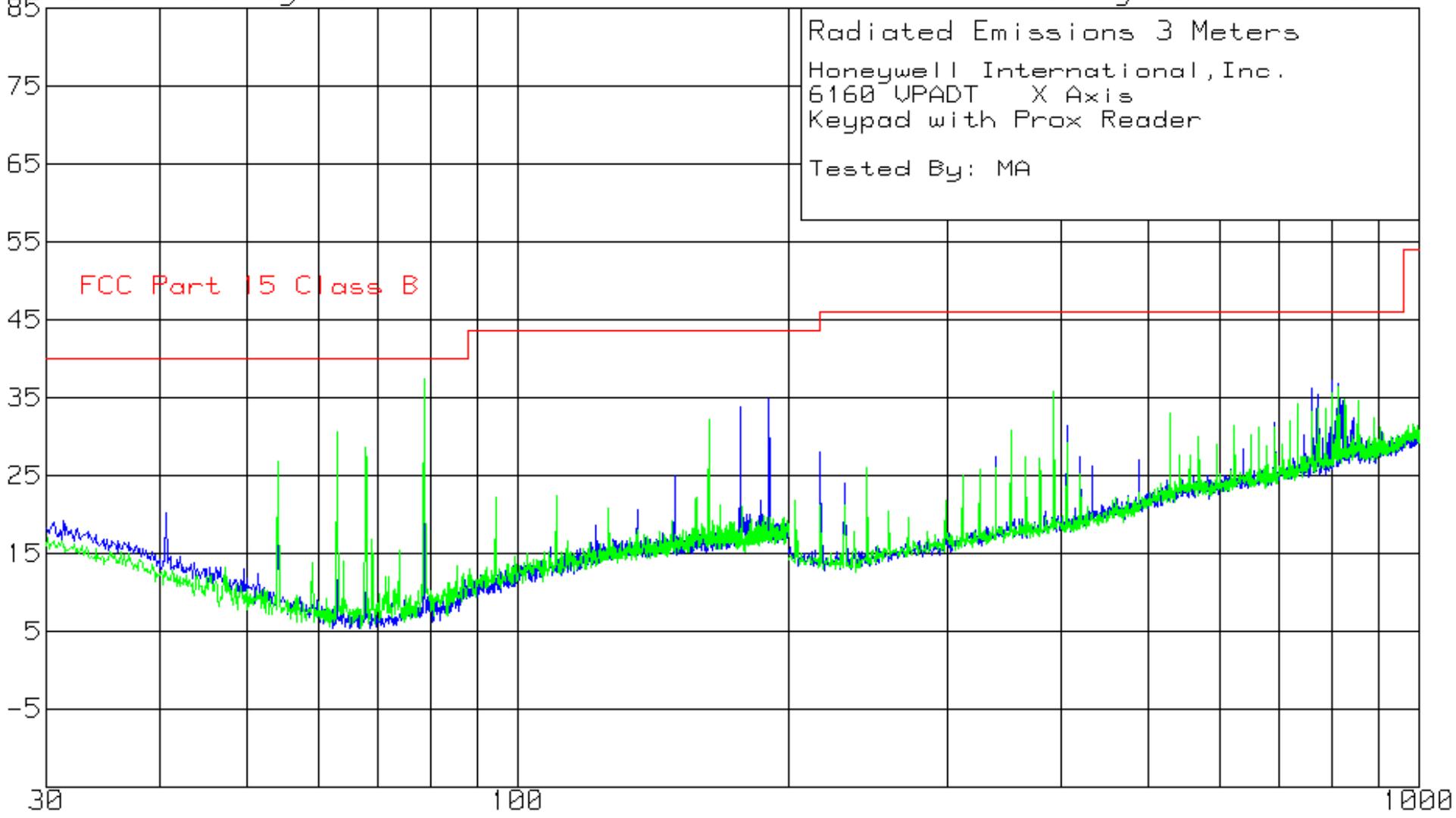
1	78.7658	30.46 pk	-.1	7.1	37.46	40	Azimuth:329	Height:101 Vert	Margin [dB] -2.54
2	63.0020	24.84 pk	-.2	6.0	30.64	40	Azimuth:219	Height:101 Vert	Margin [dB] -9.36
3	67.7652	23.19 pk	-.1	5.5	28.59	40	Azimuth:37	Height:101 Vert	Margin [dB] -11.41
4	162.8019	16.16 pk	.1	15.9	32.16	43.5	Azimuth:329	Height:101 Vert	Margin [dB] -11.34
1	78.7500	31.36 qp	-.1	7.1	38.36	40	Azimuth: 249	Height:109 Vert	Margin [dB]: -1.64

NOTE: "+" - Indicates an emission level in excess of the applicable limit (s).

pk - Peak detector, qp - Quasi-Peak detector,
 av - Average detector, avlg - denotes average log detection,
 ave - denotes average detection, tm - Trace Math Result

Radiated Emissions 3 Meters
 Honeywell International, Inc.
 6160 UPADT X Axis
 Keypad with Prox Reader
 Tested By: MA

dB[uVolts/meter]



Frequency [MHz]

Range [MHz]	Det	RBW[Hz]	VBW[Hz]	Sweep	Polarity	Range [MHz]	Det	RBW[Hz]	VBW[Hz]	Sweep	Polarity
1:30-200	PK	120k	1M	.001s/MHz	H	3:200-1000	PK	120k	1M	.001s/MHz	H
2:30-200	PK	120k	1M	.001s/MHz	U	4:200-1000	PK	120k	1M	.001s/MHz	U