

MEASUREMENT/TECHNICAL REPORT

FCC Part 15 Section 15-209-15.249

Datalogic

FCC ID: OMJ0002

June 7th, 2001

This report concerns (check one): Original grant ☒ Class II change ☐

Equipment type: CORDLESS BARCODE READER
(ex.: computer, printer, modem, etc.)

Deferred grant request per 47 CFR 0.457(d)(1)(ii)? yes ☐ no ☒

If yes, defer until: _____
date

Company Name agrees to notify the Commission by _____
date
of the intended date of announcement of the product so that the grant can be issued
on that date.

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6 CONDUCTED EMISSION DATA

6.1 Tests of the worst case configuration.

The conducted tests are performed with a receiver in quasi-peak mode.

Tested on OM GRYPHON USA power line cable.

	Frequency (MHz)	Measured* (dB μ V)	Limit (dB μ V)
neutral	0.46	35	48
	0.7	37	
	0.8	38	
	0.94	36	
	20.5	36	
	25.2	36	
line	0.46	34	48
	0.7	36	
	0.8	37	
	0.94	35	
	20.5	36	
	25.2	37	

* All readings are quasi-peak

Test Personnel:

Tester Signature  Date March 12, 2001

Typed/Printed Name Giuseppe MECCHIA

7 RADIATED EMISSION DATA

- frequency range 30 MHz – 10 GHz (10th Harmonic of highest fundamental frequency generated).

7.1 Tests of the worst case configuration

The following data list the significant emission frequencies, measured levels, correction factors (including cable and antenna corrections), the corrected reading, plus the limit. Field strength calculation is given in paragraph 7.2.

Judgement: Passed by 2.5 dB

Spurious emissions (limits according to section 15.209).(complete configuration)

Frequency (MHz)	Polarity (V/H)	Receiver* Reading (dBμV)	Correction Factor (dB/m)	Corrected Reading (dBμV/m)	3 Meter Limit (dBμV/m)
121.1	V	25.4	13.2	38.6	43.5
130.6	V	27	14	41	43.5
233.6	H	26.6	14.3	40.8	46
300	H	25.3	17.8	43.1	46
400	H	22.6	20.1	42.7	46
467	H	20.8	22	42.8	46

Fundamental and harmonics (limits according to section 15.249)
(GRYPHON M 200 USA stand alone equipment)

910	H	59.6	30.4	90	94
1820	H	19.8	26.9	46.7	54
2730	H	14.4	29.4	43.8	54
3640	H	14.7	31.1	45.8	54
4550	V	0.2	35.5	35.7	54

* below 1 GHz readings are quasi-peak, with an IF bandwidth of 120 kHz,
above 1 GHz are peak with an IF bandwidth of 1 MHz.

Test Personnel:

Tester Signature



Date March 12, 2001

Typed/Printed Name Giuseppe MECCHIA