

APPLICANT: ROSTRA PRECISION CONTROLS, INC.

FCC ID: JDR ROSS01

NAME OF TEST: RADIATION INTERFERENCE

RULES PART NUMBER: 15.245, 15.205

REQUIREMENTS: FIELD STRENGTH FIELD STRENGTH S15.245 & 15.205 & 15.209

of Fundamental: of Harmonics

10.5-10.55GHz

2500mV/m or 127.95dBuV/m 25.0mV/m or 87.95dBuV/m

EMISSIONS RADIATED OUTSIDE OF THE SPECIFIED FREQUENCY BANDS, EXCEPT FOR HARMONICS, SHALL BE ATTENUATED BY AT LEAST 50 dB BELOW THE LEVEL OF THE FUNDAMENTAL OR TO THE GENERAL RADIATED EMISSION LIMITS IN 15.209, WHICHEVER IS THE LESSER ATTENUATION.

TEST RESULTS: This unit DOES meet the FCC requirements.

TEST DATA:

EMISSION FREQUENCY MHz	METER READING dBuV	COAX LOSS dB	CORRECTION FACTOR dB	ANTENNA	PEAK	FCC LIMIT dBuV/m	ANT. POL.
				FIELD STRENGTH dBuV/m@3m	FIELD STRENGTH dBuV/m		
10517.00	34.20	2.19	39.18	75.57	127.95	52.38	H
21034.00R	6.00	3.19	41.00	50.19	54.00	3.81	V
10524.00	32.50	2.20	39.18	73.88	127.95	54.07	H
21048.00R	4.30	3.19	41.00	48.49	54.00	5.51	V
10533.00	29.20	2.20	39.19	70.58	127.95	57.37	V
10600.00R	-2.60	2.20	39.23	38.83	54.00	15.17	V
21066.00R	-2.10	3.19	41.00	42.09	54.00	11.91	V

Measurement were made to the fifth harmonic of the fundamental for all of the measured frequencies.

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 DATE: 28 Oct. 1999
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