

RETLIF TESTING LABORATORIES

TABULAR DATA SHEET

TEST METHOD:	FCC15.223(a) Radiated Emissions, Fundamental Frequency, 1.705MHz to 10MHz							
CUSTOMER:	NATS			JOB No.:	R-8953			
TEST SAMPLE:	2MHz Transmitter							
MODEL No.:	2MHzWrapDesk			SERIAL No.:	N/A			
TEST SPECIFICATION:	FCC part 15 subpart C			PARAGRAPH: 15.223				
OPERATING MODE:	Continuously transmitting a signal at 2MHz.							
TECHNICIAN:	Peter Lananna			DATE:	March 26, 2001			
NOTES:	Correction factor includes Pulse Desensitization factor. PDF=19.6dB Extrapolated using $20 \log (1/d)^2$, formula. Extrapolation factor=-40dB							
Frequency	Antenna Position	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Extrapolated Reading	Converted Reading	Peak Limit @ 30m
MHz	(V/H)Meters	Degrees	dB μ V	dB	dB μ V	dB μ V	μ V/m	μ V/m
2.0	V/1.0	180	42.1	30.4	72.5	32.5	42.2	150
2.0	H/1.0	180	51.9	30.4	82.3	42.3	130.3	150
The frequency range was scanned from 1.705 MHz to 10 MHz. All emissions not recorded were more Than 10 dB below the specified limit. Emissions from the EUT do not exceed the specified limits. *=Noise Floor Measurements (Minimum system sensitivity)								

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NOTES:	Duty Cycle Correction=20log(336μsec/100msec)=0.336% Duty Cycle Correction=20log(3.36m)=−49.4 dB							
Frequency	Antenna Position	EUT Orientation	Meter Reading	Duty Cycle Factor	Corrected Reading		Converted Reading	Average Limit @ 30m
MHz	(V/H)Meters	Degrees	dBμV	dB	dBμV		μV/m	μV/m
2.0	V/1.0	180	32.5	-49.4	-16.9		0.14	15
2.0	H/1.0	180	42.3	-49.4	-7.1		0.44	15
The frequency range was scanned from 1.705 MHz to 10 MHz. All emissions not recorded were more than 10 dB below the specified limit. Emissions from the EUT do not exceed the specified limits. * =Noise Floor Measurements (Minimum system sensitivity)								