

RETLIF TESTING LABORATORIES

TABULAR DATA SHEET

TEST METHOD: Radiated Emissions 30 MHz to 3.2 GHz

CUSTOMER: Trine Access Technology

JOB NO: R-3651N1

TEST SAMPLE: Wireless Security System 318 MHz RF Transmitter

MODEL NO: 018-1

SERIAL NO: n/a

TEST SPECIFICATION: FCC Part 15, Subpart C

PARAGRAPH: 15.231

OPERATING MODE: Continuously Transmitting.

TECHNICIAN: M. Hippert

DATE: 10-4-00

NOTES: Detector Function: Peak Test Distance: 3Meters. Internal dip switches in " - " position

Frequency Tested: 318 MHz

Test Frequency	Axis Polarization	Meter Reading	Correction Factor	Duty Cycle Factor	Corrected Readings			Converted Reading	Limit at 3m
MHz	X,Y,Z H/V	dBuV	dB	dB	dBuV/m			uV/m	uV/m

Peak Emission Limit Test (Per 15.35(b))

318.0	X V	45.31	22.80	-	68.11			2543.90	61667.00
318.0	Y V	45.80	22.80	-	68.60			2691.53	61667.00
318.0	Z V	36.07	22.80	-	58.87			878.01	61667.00
318.0	X H	47.50	22.80	-	70.30			3273.41	61667.00
318.0	Y H	43.92	22.80	-	66.72			2167.70	61667.00
318.0	Z H	48.68	22.80	-	71.48			3749.73	61667.00

Radiated Emissions Limit Test (Per 15.231)

318.0	X V	45.31	22.80	-4.65	63.46			1489.36	6167.00
318.0	Y V	45.80	22.80	-4.65	63.95			1575.80	6167.00
318.0	Z V	36.07	22.80	-4.65	54.22			514.04	6167.00
318.0	X H	47.50	22.80	-4.65	65.65			1916.46	6167.00
318.0	Y H	43.92	22.80	-4.65	62.07			1269.11	6167.00
318.0	Z H	48.68	22.80	-4.65	66.83			2195.33	6167.00
636.0	Y V	26.14	32.20	-4.65	53.69			483.62	616.70
636.0	X H	24.33	32.20	-4.65	51.88			392.64	616.70
636.0	Y H	22.97	32.20	-4.65	50.52			335.74	616.70
636.0	Z H	23.09	32.20	-4.65	50.64			340.41	616.70
I	-	-	-	-	-			-	-
3200	-	-	-	-	-			-	-

The frequency range from 30 MHz to 3.2 GHz was scanned, all EUT emissions within 10 dB of the specified limit that were observed are listed on this data sheet.