Lucent Technologies
Bell Labs Innovations

June 1, 1999

Spurious Emissions Test Results

The following test results cover section 15.209. These results were taken at Lucent Technologies Global Product Compliance Laboratory at Homdel NJ.

Actually there were no peaks to check but the ones covered in the following table. These peaks are caused by the amplifier we are using at the antenna output, however, non of these peaks are getting over the limits specified on 15.247(c).

We took the worst channel of emissions to put it in this report.

Also this signals appear as the hopping carrier appears, this means, that these spurious emissions change in frequency, so we could apply a “duty cycle” correction factor (please see cover letter named Test-Avg-Advice) and the readings would be even better. The readings do not fall in a restricted band.

Radiated Emissions OATS

Name of EUT: Falcon 9520
Serial Number:
Temperature: 24
Product Class:
Test Specification:
File Number: 99520a
Active Ch: 60

Date of Test: 22 May, 99
Relative Humidity: 39%
Test Facility: Open Area Test Site
Measurement Distance: 3
Test Engineer:

Freq. (MHz)	EUT Azimuth (Degrees)	Antenna Height (cm)	Antenna Polarity (H/V)	Meter Reading (dBuV)	Cable Loss (dB)	Antenna Factor (dB/m)	Ambient Level (dBuV/m)	Field Intensity (dBuV/m)	Spec Limit (dBuV/m)	Margin (dB)
906.04	0.0	100	V	56.7	6.6	22.6	0*	85.8	94.0	8.2
916.71	104.0	100	V	63.1	6.6	22.6	0*	92.4	94.0	1.6
937.99	100.8	100	V	31.7	6.7	22.9	0*	61.3	94.0	32.7
948.64	152.4	100	V	28.5	6.8	23.0	0*	58.2	94.0	35.8