

Attachment 1 : Summary of Test Results

The test results in the emission were performed according to the requirements of measurement standard and process. QuieTek Corporation is assumed full responsibility for the accuracy and completeness of these measurements. The test data of the emission are listed as the attached data.

All the tests were carried out with the EUT in normal operation, which was defined as:

[Mode 1 : PCI 1M PhoneLine Network Adapter](#)

The EUT passed all the tests.

The uncertainty is calculated in accordance with NAMAS NIS 81, The total uncertainty for this test is as follows:

➤ **Emission Test**

- Uncertainty in the Conducted Emission Test: $< \pm 2.0 \text{ dB}$
- Uncertainty in the field strength measured: $< \pm 4.0 \text{ dB}$



CONDUCTED EMISSION DATA

Date of Test : November 30, 1999 EUT : Network Adapter
 Test Mode : Mode 1 Detect Mode : Quasi-Peak & Average

Frequency	Cable	LISN	Reading Level	Measurement Level	Limits
	Loss	Factor	Line1	Line1	
MHz	dB	dB	dBuV	dBuV	dBuV
=====					
0.203	0.02	0.10	33.11	33.23	63.49
0.304	0.04	0.10	29.89	30.03	60.15
0.505	0.06	0.10	23.46	23.62	56.00
3.761	0.18	0.16	37.20	37.54	56.00
7.356	0.24	0.19	49.13	49.56	60.00
* 8.572	0.26	0.19	50.79	51.24	60.00

Average:

0.203	0.02	0.10	33.10	33.22	53.49
0.304	0.04	0.10	29.70	29.84	50.13
0.505	0.06	0.10	23.40	23.56	46.00
3.760	0.18	0.16	34.40	34.74	46.00
7.356	0.24	0.19	40.80	41.23	50.00
8.572	0.26	0.19	48.30	48.75	50.00

Remarks :

1. “ * ” means that this data is the worst emission level.

CONDUCTED EMISSION DATA

Date of Test : November 30, 1999 EUT : Network Adapter
 Test Mode : Mode 1 Detect Mode : Quasi-Peak & Average

Frequency	Cable	LISN	Reading Level	Measurement Level	Limits
	Loss	Factor	Line2	Line2	
MHz	dB	dB	dBuV	dBuV	dBuV
=====					
0.193	0.01	0.10	34.22	34.33	63.91
0.248	0.03	0.10	31.21	31.34	61.83
0.507	0.06	0.10	15.23	15.39	56.00
3.764	0.18	0.16	34.72	35.06	56.00
7.357	0.24	0.19	48.75	49.18	60.00
* 8.573	0.26	0.19	51.43	51.88	60.00

Average:

0.193	0.01	0.10	33.30	33.41	53.91
0.248	0.03	0.10	30.80	30.93	51.82
0.507	0.06	0.10	14.70	14.86	46.00
3.764	0.18	0.16	31.60	31.94	46.00
7.357	0.24	0.19	40.20	40.63	50.00
8.573	0.26	0.19	49.10	49.55	50.00

Remarks :

1. “ * ” means that this data is the worst emission level.

RADIATED EMISSION DATA

Date of Test	:	November 30, 1999	EUT		Network Adapter
Test Mode	:	Mode 1	Test Site		No.2 Open Test Site

Freq.	Cable	Probe	PreAMP	Reading	Measurement	Margin	Limit	Ant	Turn
	Loss Factor			Level	Horizontal				
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg
=====									
330.100	3.91	14.36	0.00	4.86	23.13	13.87	37.00	315	70
345.400	3.99	14.65	0.00	5.60	24.23	12.77	37.00	315	83
359.800	4.06	15.15	0.00	14.15	33.36	3.64	37.00	326	72
*375.000	4.14	15.40	0.00	14.84	34.38	2.62	37.00	280	75
390.000	4.22	15.63	0.00	11.28	31.13	5.87	37.00	258	73
405.000	4.30	16.29	0.00	6.43	27.02	9.98	37.00	258	73

Remarks:

- 1.All Readings below 1GHz are Quasi-Peak, above are average value.
- 2.“ * ”, means this data is the worst emission level.
- 3.Emission Level = Reading Level + Antenna Factor + Cable loss

RADIATED EMISSION DATA

Date of Test	:	November 30, 1999	EUT		
Test Mode	:	Mode 1	Test Site	Network Adapter	
				No.2 Open Test Site	

Freq.	Cable	Probe	PreAMP	Reading	Measurement	Margin	Limit	Ant	Turn
	Loss Factor			Level	Vertical				
MHz	dB	dB/m	dB	dBuV	dBuV/m	dB	dBuV/m	cm	deg
=====									
330.100	3.91	14.36	0.00	5.62	23.89	13.11	37.00	105	147
345.400	3.99	14.65	0.00	8.81	27.44	9.56	37.00	105	169
*360.320	4.07	15.48	0.00	15.09	34.63	2.37	37.00	105	79
375.000	4.14	15.40	0.00	13.96	33.50	3.50	37.00	105	55
390.100	4.23	15.75	0.00	8.80	28.78	8.22	37.00	105	63
405.400	4.31	16.32	0.00	4.88	25.51	11.49	37.00	105	84

Remarks:

- 1.All Readings below 1GHz are Quasi-Peak, above are average value.
- 2.“ * ”, means this data is the worst emission level.
- 3.Emission Level = Reading Level + Antenna Factor + Cable loss