ITS Intertek Testing Services

Company:	Sierra Wireless	Project #:	
EUT:	CDPD Medem	Date of Test:	December 13, 1998
Model:	SB300	Test Site #:	2
Standard:	FCC Part 22	Test Distance	3 Meters
Test Mode:	Tx	Engineer:	Xi-Ming Yang

Radiated Emission Test Data

Frequency	Antenna Pol.	Reading	Antena Factor	Cable Loss	Preamp gain	Corrected Reading	ERP
MHz	H/V	dB(μV)	dB(1/m)	dB	dB	dB(μV/m)	dBm
824.04	V	104.5	22.2	1.1	0	127.8	30.4
836.49	V	104.8	22.2	1.1	0	128.1	30.7
848.97	V	101.5	22.2	1.1	0	124.8	27.4

Note: a) Reading proceeded with a '' are measurements with power meter.*
b) All other readings are peak measurements.

ITS Intertek Testing Services

Company:	Sierra Wireless	Project #:	
EUT:	CDPD Medem	Date of Test:	December 12, 1998
Model:	SB300	Test Site #:	2
Standard:	FCC Part 22	Test Distance	3 Meters
Test Mode:	Tx @ 824.04 MHz	Engineer:	Xi-Ming Yang

Radiated Emission Test Data

Fundamental Frequency Field Strength:	127.8	dB(μV/m)
Antenna Conducted Power:	0.646	Watts

Frequency	Antenna Pol.	Reading	Antena Factor	Cable Loss	Preamp gain	Corrected Reading	Spurious Attenuation	Limit	Margin
MHz	H/V	dB(μV)	dB(1/m)	dB	dB	dB(μV/m)	dB	dB	dB
1648.1	V	58.2	26.7	2.1	29.6	57.4	70.4	41.1	-29.3
2472.1	V	53.0	30.5	2.3	28.4	57.4	70.4	41.1	-29.3
3296.1	V	39.9	32.7	2.8	27.8	47.6	80.2	41.1	-39.1
4120.2	H	41.0	34.0	3.3	27.6	50.7	77.1	41.1	-36.0
4944.2	H	43.0	35.1	3.6	27.8	53.9	73.9	41.1	-32.8
5768.2	H	31.0	36.1	4.0	28.0	43.1	84.7	41.1	-43.6
6592.4	V	38.5	37.2	4.3	28.5	51.5	76.3	41.1	-35.2
7416.3	V	28.0	37.5	4.7	29.0	41.2	86.6	41.1	-45.5
8240.4	V	29.0	38.8	4.8	29.0	43.6	84.2	41.1	-43.1

Note: *a)* *Negative sign (-) in the Margin column signify levels below the limit.*
b) *Reading proceeded with a '*' are Quasi-Peak measurements.*
c) *All other readings are peak measurements.*
d) *All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits*

ITS Intertek Testing Services

Company:	Sierra Wireless	Project #:	
EUT:	CDPD Medem	Date of Test:	December 12, 1998
Model:	SB300	Test Site #:	2
Standard:	FCC Part 22	Test Distance	3 Meters
Test Mode:	Tx @ 836.49 MHz	Engineer:	Xi-Ming Yang

Radiated Emission Test Data

Fundamental Frequency Field Strength:	128.1	dB(μV/m)
Antenna Conducted Power:	0.589	Watts

Frequency	Antenna Pol.	Reading	Antena Factor	Cable Loss	Preamp gain	Corrected Reading	Spurious Attenuation	Limit	Margin
MHz	H/V	dB(μV)	dB(1/m)	dB	dB	dB(μV/m)	dB	dB	dB
1673.0	V	58.9	26.7	2.1	29.6	58.1	70	40.7	-29.3
2509.5	V	66.7	30.5	2.3	28.4	71.1	57	40.7	-16.3
3345.9	V	53.0	32.7	2.8	27.8	60.7	67.4	40.7	-26.7
4182.4	H	51.0	34.0	3.3	27.6	60.7	67.4	40.7	-26.7
5018.9	V	57.0	35.1	3.6	27.8	67.9	60.2	40.7	-31.0
5855.4	H	51.0	36.1	4.0	28.0	63.1	65	40.7	-24.3
6691.9	V	54.0	37.2	4.3	28.5	67	61.1	40.7	-20.4
7528.4	H	39.0	37.5	4.7	29.0	52.2	75.9	40.7	-35.2
8364.8	H	28.0	38.8	4.8	29.0	42.6	85.5	40.7	-44.8

Note: *a)* *Negative sign (-) in the Margin column signify levels below the limit.*

b) *Reading proceeded with a '*' are Quasi-Peak measurements.*

c) *All other readings are peak measurements.*

d) *All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits*

ITS Intertek Testing Services

Company:	Sierra Wireless	Project #:	
EUT:	CDPD Medem	Date of Test:	December 12, 1998
Model:	SB300	Test Site #:	2
Standard:	FCC Part 22	Test Distance	3 Meters
Test Mode:	Tx @ 848.97 MHz	Engineer:	Xi-Ming Yang

Radiated Emission Test Data

Fundamental Frequency Field Strength:	124.8	dB(μV/m)
Antenna Conducted Power:	0.437	Watts

Frequency	Antenna Pol.	Reading	Antena Factor	Cable Loss	Preamp gain	Corrected Reading	Spurious Attenuation	Limit	Margin
MHz	H/V	dB(μV)	dB(1/m)	dB	dB	dB(μV/m)	dB	dB	dB
1697.9	V	51.0	26.7	2.1	29.6	50.2	74.6	39.4	-35.2
2546.9	V	57.6	30.5	2.3	28.4	62	62.8	39.4	-23.4
3395.9	V	50.4	32.7	2.8	27.8	58.1	66.7	39.4	-27.3
4244.8	H	53.0	34.0	3.3	27.6	62.7	62.1	39.4	-22.7
5093.8	H	38.1	35.1	3.6	27.8	49	75.8	39.4	-36.4
5942.8	H	40.0	36.1	4.0	28.0	52.1	72.7	39.4	-33.3
6791.7	V	52.5	37.2	4.3	28.5	65.5	59.3	39.4	-19.9
7640.7	V	33.0	37.5	4.7	29.0	46.2	78.6	39.4	-39.2
8489.7	V	29.0	38.8	4.8	29.0	43.6	81.2	39.4	-41.8

Note: *a)* *Negative sign (-) in the Margin column signify levels below the limit.*

b) *Reading proceeded with a '*' are Quasi-Peak measurements.*

c) *All other readings are peak measurements.*

d) *All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits*