Intertek Testing Services

GVC Corporation

900 MHz DSSS Cordless Telephone

Model: 39520

FCC ID: DK4CT9000

Job # J98026020

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ITS Intertek Testing Services

1365 Adams Court, Menlo Park CA 94025

Radiated Emissions Test Data

Company: Stanford
EUT: 900 MHz cordless phone (base unit)
Project #: J98026020
Test Mode: TX/ low channel

Model #: IS-901 Digital Spread Spectrum
S/N or FCC: Not labelled
Engineer: Ahmad
Date of Test: 10/5/98
Initial:

	Antenna	Pre-Amp	Cable A	Cable B	OCF
Number:	8	8	12	0	0
Model:	EMCO 311	CDI_P1000	Green_M+L	None	None

Standard	FCC Part 15.247	
Limits	12	
Test Distance	3	meters

Frequency MHz	Reading dB(uV)	Det. P/A/Q	Ant. Pol. H/V	Ant. Factor dB(1/m)	Pre-Amp dB	Insert. Loss dB	D. F. dB	Net dB(uV/m)	Limit @3m dB(uV/m)	Margin dB
2712.8	45.0	A	V	27.9	28.4	2.3	0.0	46.8	54.0	-7.2
7712.8	50.0	P	V	27.9	28.4	2.3	0.0	51.8	74.0	-22.2
3616.8	51.0	P	H	31.5	27.8	2.7	0.0	57.4	74.0	16.7
3616.8	43.0	A	H	31.5	27.8	2.7	0.0	49.4	54.0	4.6
4521.3	51.0	P	V	32.1	27.9	3.2	0.0	58.4	74.0	15.0
4521.3	42.0	A	V	32.1	27.5	3.2	0.0	49.4	54.0	4.6
5425.3	45.0	P	H	32.9	28.3	3.5	0.0	53.1	74.0	-20.9
5425.3	41.2	A	H	32.9	28.3	3.5	0.0	49.3	54.0	4.7

Notes:
a) P: Peak, A: Average, Q: Quasi Peak, H: Horizontal, V: Vertical, OCF: Other Correction Factor, DF: Distance Factor
b) Insert. Loss = Cable A + Cable B + OCF
c) Negative signs (-) in Margin column signify levels below the limits
d) All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits.

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ITS Intertek Testing Services

1365 Adams Court, Menlo Park CA 94025

Radiated Emissions Test Data

Company:	Stanford	Model #.	IS-901 Digital Spread Spectrum
EUT.	900 MHz cordless phone (base unit)	S/N or FCC	Not labelled
Project #:	J98026020	Engineer	Ahmad
Test Mode:	TX/ MID channel	Date of Test	10/5/98 initial:

	Antenna	Pre-Amp	Cable A	Cable B	OCF
Number:	8	8	12	0	0
Model:	EMCO 311	CDI_P1000	Green_M+L	None	None

Standard	FCC Part 15.247	
Limits	12	
Test Distance	3	meters

Frequency MHz	Reading dB(uV)	Det. P/A/Q	Ant. Pol. H/V	Ant. Factor dB(1/m)	Pre-Amp dB	Insert. Loss dB	D. F. dB	Net dB(uV/m)	Limit @3m dB(uV/m)	Margin dB
2743.0	45.0	A	V	27.9	28.4	2.3	0.0	46.8	54.0	7.2
2743.0	50.0	P	V	27.9	28.4	2.3	0.0	51.8	74.0	22.2
3658.0	44.0	P	V	31.3	27.8	2.7	0.0	50.2	74.0	23.8
3658.0	38.0	A	V	31.3	27.8	2.7	0.0	44.2	54.0	-9.8
4572.0	42.8	P	V	32.1	27.9	3.2	0.0	50.2	74.0	-23.8
4572.0	38.0	A	V	32.1	27.9	3.2	0.0	45.4	54.0	8.6
7315.0	40.0	P	V	36.3	28.0	4.3	0.0	52.6	74.0	21.4
7315.0	35.0	A	V	36.3	28.0	4.3	0.0	47.6	54.0	6.4
8228.0	44.0	P	V	36.9	27.2	4.8	0.0	58.5	74.0	-15.5
8228.0	35.0	A	V	35.9	27.2	4.8	0.0	50.5	54.0	3.5

Notes:
a) P: Peak A: Average Q: Quasi Peak H: Horizontal, V: Vertical, OCF:Other Correction Factor, DF:Distance Factor
b) Insert. Loss = Cable A + Cable B + OCF
c) Negative signs (-) in Margin column signify levels below the limits
d) All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits.

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ITS Intertek Testing Services

1365 Adams Court, Menlo Park CA 94025

Radiated Emissions Test Data

Company: Stanford
EUT: 900 MHz cordless phone (base unit)
Project #: J9802/6020
Test Mode: TX/ high channel

Model # IS-901 Digital Spread Spectrum
S/N or FCC Not labelled
Engineer Ahmad
Date of Test 10/5/98 Initial:

	Antenna	Pre-Amp	Cable A	Cable B	OCF
Number:	8	8	12	0	0
Model:	EMCO 311	CDI_P1000	Green_M+L	None	None

Standard_ FCC Part 15.247
Limits_ 12
Test Distance_ 3 meters

Frequency	Reading	Det.	Ant. Pol.	Ant. Factor	Pre-Amp	Insert. Loss	D. F.	Net	Limit @3m	Margin
MHz	dB(uV)	P/A/Q	H/V	dB(1/m)	dB	dB	dB	dB(uV/m)	dB(uV/m)	dB
2776.7	44.0	P	H	28.1	28.4	2.3	0.0	46.0	74.0	-28.0
2776.7	38.0	A	H	28.1	28.4	2.3	0.0	40.0	54.0	-14.0
3703.0	50.0	P	V	31.3	27.8	2.7	0.0	56.2	74.0	-17.8
3703.0	44.0	A	V	31.3	27.8	2.7	0.0	50.2	54.0	-3.8
4629.0	47.0	P	V	32.1	28.0	3.2	0.0	54.3	74.0	-19.7
4629.0	43.0	A	V	32.1	28.0	3.2	0.0	50.3	54.0	-3.7
7406.0	45.0	P	V	36.9	28.0	4.9	0.0	57.8	74.0	-16.4
7406.0	35.0	A	V	36.9	28.0	4.9	0.0	47.8	54.0	-6.4
8332.1	42.0	P	V	36.9	27.2	4.8	0.0	56.5	74.0	-17.5
8332.1	35.0	A	V	36.9	27.2	4.8	0.0	49.5	54.0	-4.5

Notes: a) P: Peak, A: Average, Q: Quasi Peak, H: Horizontal, V: Vertical, OCF:Other Correction Factor, DF:Distance Factor
b) Insert. Loss = Cable A + Cable B + OCF
c) Negative signs (-) in Margin column signify levels **below** the limits
d) All other emissions not reported are below the equipment noise floor which is at least 20 dB below the Limits.

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ITS Intertek Testing Services

1365 Adams Court, Menlo Park CA 94025

Radiated Emissions Test Data

Company:	Stanford	Model #	IS-901 Digital Spread Spectrum
EUT:	900 MHz cordless phone (handset	S/N or FCC	Not labelled
Project #:	J98026020	Engineer	Ahmad
Test Mode:	TX/ low channel	Date of Test	10/5/98 Initial:

	Antenna	Pre-Amp	Cable A	Cable B	OCF
Number:	8	8	12	0	0
Model:	EMCO 311	CDI_P1000	Green_M+L	None	None

Standard: FCC Part 15.247
Limits: 12
Test Distance: 3 meters

Frequency MHz	Reading dB(uV)	Det. P/A/Q	Ant. Pol. H/V	Ant. Factor dB(1/m)	Pre-Amp dB	Insert. Loss dB	D. F. dB	Net dB(uV/m)	Limit @3m dB(uV/m)	Margin dB
2712.0	55.0	P	H	28.1	28.4	2.3	0.0	57.0	74.0	-17.0
2712.0	48.0	A	H	28.1	28.4	2.3	0.0	50.0	54.0	4.0
3616.8	51.0	P	H	31.5	27.8	2.7	0.0	57.4	74.0	16.7
3616.8	42.0	A	H	31.5	27.8	2.7	0.0	48.4	54.0	5.6
4520.8	45.0	P	H	32.2	27.9	3.2	0.0	52.5	74.0	21.5
4520.8	41.0	A	H	32.2	27.9	3.2	0.0	48.5	54.0	5.5
7233.0	40.0	P	H	35.6	28.0	4.5	0.0	52.1	74.0	21.9
7233.0	35.1	A	H	35.6	28.0	4.5	0.0	48.2	54.0	5.8

Notes:
a) P: Peak A: Average Q: Quasi-Peak H: Horizontal V: Vertical OCF: Other Correction Factor, DF: Distance Factor
b) Insert. Loss = Cable A + Cable B + OCF
c) Negative signs (-) in Margin column signify levels below the limits
d) All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits

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ITS Intertek Testing Services

1365 Adams Court, Menlo Park CA 94025

Radiated Emissions Test Data

Company: Stanford
EUT: 900 MHz cordless phone (handset
Project #: J98026020
Test Mode: TX/ MID channel

Model #: JS-901 Digital Spread Spectrum
S/N or FCC: Not labeled
Engineer: Ahmad
Date of Test: 10/5/98 Initial:

	Antenna	Pre Amp	Cable A	Cable B	OCF
Number:	8	8	12	0	0
Model:	EMCO 311	CDI_P1000	Green_M+L	None	None

Standard: FCC Part 15.247
Limits: 12
Test Distance: 3 meters

Frequency MHz	Reading dB(uV)	Det. P/A/Q	Ant. Pol. H/V	Ant. Factor dB(1/m)	Pre-Amp dB	Insert. Loss dB	D. F. dB	Net dB(uV/m)	Limit @3m dB(uV/m)	Margin dB
2743.6	52.0	P	H	28.1	28.4	2.3	0.0	54.0	74.0	20.0
2743.6	47.0	A	H	28.1	28.4	2.3	0.0	49.0	54.0	5.0
3657.0	49.0	P	V	31.3	27.8	2.7	0.0	55.2	74.0	18.8
3657.0	42.0	A	V	31.3	27.8	2.7	0.0	48.2	54.0	5.8
4571.9	48.0	P	H	32.2	27.9	3.2	0.0	55.5	74.0	18.5
4571.9	41.0	A	H	32.2	27.9	3.2	0.0	48.5	54.0	5.5
7316.0	42.0	P	H	35.8	28.0	4.3	0.0	54.1	74.0	19.9
7316.0	35.0	A	H	35.8	28.0	4.3	0.0	47.1	54.0	6.9

Notes:
a) P: Peak; A: Average; Q: Quasi Peak; H: Horizontal; V: Vertical; OCF: Other Correction Factor; DF: Distance Factor
b) Insert. Loss = Cable A + Cable B + OCF
c) Negative signs (-) in Margin column signify levels below the limits
d) All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits

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ITS Intertek Testing Services

1365 Adams Court, Menlo Park CA 94025

Radiated Emissions Test Data

Company: Stanford
EUT: 900 MHz cordless phone (hand set)
Project #: J98026020
Test Mode: stand-by

Model #: IS-901 Digital Spread Spectrum
S/N or FCC: N/A
Engineer: C. Kwan
Date of Test: 09/30/98 Initial

	Antenna	Pre-Amp	Cable A	Cable B	OCF
Number:	1	7	13	0	0
Model:	EMCO 314	CPPA_102	S2_3m	None	None

Standard: FCC Part 15B
Limits: 2
Test Distance: 3 meters

Frequency MHz	Reading dB(uV)	Det. P/A/Q	Ant. Pol. H/V	Ant. Factor dB(1/m)	Pre-Amp dB	Insert. Loss dB	D. F. dB	Net dB(uV/m)	Limit @3m dB(uV/m)	Margin dB
277.2	32.6	p	v	11.4	35.1	2.9	0.0	11.8	46.0	-34.2
419.2	31.7	p	v	15.1	34.9	4.3	0.0	16.2	46.0	-29.8
543.2	37.6	p	v	17.1	34.8	5.3	0.0	25.2	46.0	-20.8
628.2	31.2	p	v	18.0	35.2	5.9	0.0	19.9	46.0	-26.1
704.7	31.1	p	v	19.3	36.1	6.6	0.0	20.9	46.0	-25.1
780.2	38.5	p	v	19.7	36.1	7.2	0.0	29.3	46.0	-16.7
837.7	30.1	p	v	20.9	28.4	8.2	0.0	30.8	46.0	-15.2
866.2	30.3	p	v	20.3	27.5	8.7	0.0	31.8	46.0	-14.2

Notes: a) P: Peak, A: Average; Q: Quasi-Peak; H: Horizontal; V: Vertical; OCF:Other Correction Factor, DF:Distance Factor
b) Insert. Loss = Cable A + Cable B + OCF
c) Negative signs (-) in Margin column signify levels below the limits.
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

1365 Adams Court, Menlo Park CA 94025

Radiated Emissions Test Data

Company: Stanford
EUT: 900 MHz cordless phone (base unit)
Project #: J98026020
Test Mode: stand by

Model #: IS-901Digital Spread Spectrum
S/N or FCC: N/A
Engineer: C. Kwan
Date of Test: 09/29/98 Initial:

	Antenna	Pre-Amp	Cable A	Cable B	OCF
Number:	1	7	13	0	0
Model:	EMCO 314	CPPA_102	S2_3m	None	None

Standard_	FCC Part 15B	
Limits_	2	
Test Distance_	3	meters

Frequency	Reading	Det.	Ant. Pol.	Ant. Factor	Pre-Amp	Insert. Loss	D. F.	Net	Limit @3m	Margin
MHz	dB(uV)	P/A/Q	H/V	dB(1/m)	dB	dB	dB	dB(uV/m)	dB(uV/m)	dB
144.2	30.5	p	v	8.2	35.3	2.1	0.0	5.5	43.5	-38.0
315.2	30.4	p	v	12.9	34.9	3.1	0.0	11.5	46.0	-34.5
486.2	30.4	p	v	16.4	35.0	5.0	0.0	16.9	46.0	-29.2
505.2	30.1	p	v	16.5	34.8	5.3	0.0	17.1	46.0	-28.9
657.2	30.5	p	v	18.4	35.2	6.3	0.0	20.1	46.0	-25.9
885.2	30.2	p	v	20.9	27.5	8.7	0.0	32.3	46.0	-13.7
904.2	31.0	p	v	21.0	29.1	8.3	0.0	31.3	46.0	-14.8
942.2	31.0	p	v	20.9	29.1	8.3	0.0	31.2	46.0	-14.9

Notes: a) P: Peak; A: Average; Q: Quasi Peak; H: Horizontal; V: Vertical; OCF:Other Correction Factor; DF:Distance Factor
b) Insert. Loss = Cable A + Cable B + OCF.
c) Negative signs (-) in Margin column signify levels below the limits.
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

1365 Adams Court, Menlo Park CA 94025

Radiated Emissions Test Data

Company: Stanford
EUT: 900 MHz cordless phone (base unit)
Project #: J98026020
Test Mode: stand by

Model # IS-901Digital Spread Spectrum
S/N or FCC N/A
Engineer C. Kwan
Date of Test 09/29/98 Initial

	Antenna	Pre Amp	Cable A	Cable B	OCF
Number:	1	7	13	0	0
Model:	EMCO 314	CPPA_102	S2_3m	None	None

Standard: FCC Part 15B
Limits: 2
Test Distance: 3 meters

Frequency MHz	Reading dB(uV)	Det. P/A/Q	Ant. Pol. H/V	Ant. Factor dB(1/m)	Pre-Amp dB	Insert. Loss dB	D. F. dB	Net dB(uV/m)	Limit @3m dB(uV/m)	Margin dB
144.2	30.5	p	v	8.2	35.3	2.1	0.0	5.5	43.5	-38.0
315.2	30.4	p	v	12.9	34.9	3.1	0.0	11.5	46.0	-34.5
486.2	30.4	p	v	16.4	35.0	5.0	0.0	16.9	46.0	-29.2
505.2	30.1	p	v	15.5	34.8	5.3	0.0	17.1	46.0	-28.9
657.2	30.5	p	v	18.4	35.2	6.3	0.0	20.1	46.0	-25.9
885.2	30.2	p	v	20.9	27.5	8.7	0.0	32.3	46.0	-13.7
904.2	31.0	p	v	21.0	29.1	8.3	0.0	31.3	46.0	-14.8
942.2	31.0	p	v	20.9	29.1	8.3	0.0	31.2	46.0	-14.9

Notes: a) P: Peak; A: Average; Q: Quasi Peak; H: Horizontal; V: Vertical; OCF:Other Correction Factor; DF:Distance Factor
b) Insert. Loss = Cable A + Cable B + OCF
c) Negative signs (-) in Margin column signify levels below the limits
d) All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits.