

Radiated Emissions Test Data

Company:	Symbol	Model #:	LA-3021-500-US	
EUT:	Antenna 11 on 500 mw C-radio	S/N #:		11
Project #:	J99013298	Test Date:	May 24 1999	3
Test Mode:	xmit 2440 500mw	Engineer:	Barry S.	0

8	7	17	8	12	10	12	0	0	0
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[illegible]

- a) D.C.F.: Distance Correction Factor
b) Insert. Loss (dB) = Cable A + Cable B + Cable C.
c) Net (dB) = Reading + Antenna Factor - Pre-amp + Insert. Loss. - Transducer Loss - Duty Relaxation (transmitter only).
d) Negative signs (-) in Margin column signify levels below the limits.
e) All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits.



Intertek Testing Services

Radiated Emissions Test Data

Company:	Symbol	Model #:	LA-3021-500-US	Standard:	ICC 3-13-287 (7-8)
EUT:	Antenna 11 on 500 mw C-radio	S/N #:		Units:	11
Project #:	J99013298	Test Date:	May 24 1999	Test Distance:	3
Test Mode:	xmit 2480 500mw	Engineer:	Barry S.	Test Result:	0

	Attorney Used			Pro AMP Used			Case Law			Trademark Used
Number:	8	7	17	8	12	10	12	0	0	0
Model:	EM-20 S16	EM-19A 25	EM-20 S16	OS-1000 1	AS- 200	AT-1000A 1	CM-100 1	None	None	None

[illegible]

* Noise Floor with RBW 300KHz

a) D.C.F.:Distance Correction Factor

b) Insert. Loss (dB) = Cable A + Cable B + Cable C.

c) Net (dB) = Reading + Antenna Factor - Pre-amp + Insert. Loss. - Transducer Loss - Duty Relaxation (transmitter only).

d) Negative signs (-) in Margin column signify levels below the limits.

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

Radiated Emissions

Test Data

Company:	Symbol	Model #: LA-3021-500-US	Standard:	CG-1, 1E, 2V
EUT:	Antenna 12 on 500 mw C-radio	S/N #:	Lot #:	11
Project #:	J99013298	Test Date: May 25 1999	Test Duration:	3
Test Mode:	xmit 2402 500mw	Engineer: Barry S.	Qty. Retention:	0

	Pilot Ship 100			Pilot Ship 110		Pilot Ship 120			Pilot Ship 130	
Number	8	7	17	8	12	10	12	0	0	0
Model	800	1215	800	800	110	110005	on Mat	None	None	None
	315	25	800	0	400					

[illegible]

Notes:	a) D.C.F.:Distance Correction Factor
	b) Insert. Loss (dB) = Cable A + Cable B + Cable C .
	c) Net (dB) = Reading + Antenna Factor - Pre-amp + Insert. Loss. - Transducer Loss - Duty Relaxation (transmitter only).
	d) Negative signs (-) in Margin column signify levels below the limits.
	e) All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits.

Radiated Emissions Test Data

Company:	Symbol	Model #:	LA-3021-500-US	Sampling Rate:	1000 S/s (200 MS/s)
EUT:	Antenna 12 on 500 mw C-radio	S/N #:		Time:	11
Project #:	J99013298	Test Date:	May 25 1999	Test Distance:	3
Test Mode:	xmit 2480 500mw	Engineer:	Barry S.	Dist. Reduction:	0

	Alkanes Used			PFA-Alkyl Used			C20-Alkyl Used			Indicator Used
Number	8	7	17	8	12	10	12	0	0	0
Model	2000-315	2000-22	2000-3150	2000-100	2000-100	2000-100	2000-100	None	None	None

[illegible]

- a) D.C.F.:Distance Correction Factor
b) Insert. Loss (dB) = Cable A + Cable B + Cable C .
c) Net (dB) = Reading + Antenna Factor - Pre-amp + Insert. Loss. - Transducer Loss - Duty Relaxation (transmitter only).
d) Negative signs (-) in Margin column signify levels below the limits.
e) All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits.



Intertek Testing Services

Radiated Emissions Test Data

Company:	Symbol	Model #:	LA-3021-500-US	Standard:	PCG 8 10-247	
EUT:	Antenna 13 on 500 mw C-radio	S/N #:		Time:	11	
Project #:	J99013298	Test Date:	May 25 1999	Test Distance:	3	meters
Test Mode:	xmit 2402 500mw	Engineer:	Barry S.	Dir:	0	dB

	AirGrade Used			Pre-Airp Used			CARB Listed			Hemlock G108
Number:	8	7	17	8	12	10	12	0	0	0
Model:	E600 S10-3	S2-LPA G1	S200 G100	GOL-PH0 P	ALV PH0	PART005	DME100	TCT	LCA	TPA

[illegible]

a) D.C.F.:Distance Correction Factor

b) Insert. Loss (dB) = Cable A + Cable B + Cable C .

c) Net (dB) = Reading + Antenna Factor - Pre-amp + Insert. Loss. - Transducer Loss - Duty Relaxation (transmitter only).

d) Negative signs (-) in Margin column signify levels below the limits.

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

**Radiated Emissions
Test Data**

Company:	Symbol	Model #:	LA-3021-500-US	Standard:	FCC 5 15.247 (R.B.)
EUT:	Antenna 13 on 500 mw C-radio	S/N #:		Antenna:	11
Project #:	J99013298	Test Date:	May 25 1999	Ant. Polarity:	3
Test Mode:	xmit 2440 500mw	Engineer:	Barry S.	Ant. Height:	0

Antenna Used	Pre-Amp Used	Cable Used	Transducer Used
Number: 8 7 17	8 12 10 12 0 0	0	0
Model: 310 25 310 0 400	AT16000	None	None

Frequency	Reading	Detector	Ant. Amp.	Ant. Pol.	Ant. Factor	Pre-Amp	Insert. Loss	D.C. F.	Net	Limit @3m	Margin	
MHz	dB(μV)	PKG	#	#	dB	dB	dB	dB	dB(μV/m)	dB(μV/m)	dB	
4880	47.2	Peak	8	8	V	33.5	28.1	3.2	0.0	55.8	74.0	-18.2
4880	45.1	Ave.	8	8	V	33.5	28.1	3.2	0.0	53.7	54.0	-0.3
7320	41.5	Peak	8	8	V	38.0	28.0	4.3	0.0	55.8	74.0	-18.2
7320	36.0	Ave.	8	8	V	38.0	28.0	4.3	0.0	50.3	54.0	-3.7
12200	43.6	Peak	8	10	V	42.5	39.1	5.9	0.0	52.9	74.0	-21.1
12200	34.4	Ave.	8	10	V	42.5	39.1	5.9	0.0	43.6	54.0	-10.4
19520	41.8*	Peak	17	12	V	40.2	23.3	7.1	-9.5	56.3	74.0	-17.7
19520	31.1*	Ave.	17	12	V	40.2	23.3	7.1	-9.5	45.6	54.0	-8.4
21960	43.4*	Peak	17	12	V	40.3	24.0	7.5	-9.5	57.7	74.0	-16.3
21960	33.9*	Ave.	17	12	V	40.3	24.0	7.5	-9.5	48.2	54.0	-5.8

* Noise Floor with RBW 300KHz

Notes:	a) D.C.F.: Distance Correction Factor
	b) Insert. Loss (dB) = Cable A + Cable B + Cable C.
	c) Net (dB) = Reading + Antenna Factor - Pre-amp + Insert. Loss. - Transducer Loss - Duty Relaxation (transmitter only).
	d) Negative signs (-) in Margin column signify levels below the limits.
	e) All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits.

Radiated Emissions Test Data

Company: Symbol	Model #: LA-3021-500-US	Standard:	FCC 15.247	
EUT: Antenna 13 on 500 mw C-radio	S/N #:	Antenna:	11	
Project #: J99013298	Test Date: May 25 1999	Ant. Distance:	3	
Test Mode: xmit 2480 500mw	Engineer: Barry S.	Ant. Orientation:	0	

	CUMULATIVE			PROGRAMS			GRADE CREDITS			TRANSFER CREDIT
NUMBER	8	7	17	8	12	10	12	0	0	0
MEDIA	None	None	None	CPL 101	ALG 60	AP 0050	CHM 101	None	None	None
	SIL	25	319	0	80					

[illegible]

* Noise Floor with RBW 300KHz

Notes:	a) D.C.F.:Distance Correction Factor
	b) Insert. Loss (dB) = Cable A + Cable B + Cable C .
	c) Net (dB) = Reading + Antenna Factor - Pre-amp + Insert. Loss. - Transducer Loss - Duty Relaxation (transmitter only).
	d) Negative signs (-) in Margin column signify levels below the limits.
	e) All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits.

Radiated Emissions Test Data

Company:	Symbol	Model #:	LA-3021-500-US	Signature:	PCB: 10-247
EUT:	Antenna 14 on 500 mw C-radio	S/N #:		Lot #:	11
Project #:	J99013298	Test Date:	May 25 1999	Test #:	3
Test Mode:	xmit 2402 500mw	Engineer:	Barry S.	Qty:	0

	Antenna Used			Printer Used			Cable Used			Transfer Used
Number:	8	7	17	8	12	10	12	0	0	0
Model:	HP-1000	HP-1000	HP-1000	HP-1000	HP-1000	HP-1000	HP-1000	None	None	None

[illegible]

100

- a) D.C.F.:Distance Correction Factor
b) Insert. Loss (dB) = Cable A + Cable B + Cable C .
c) Net (dB) = Reading + Antenna Factor - Pre-amp + Insert. Loss. - Transducer Loss - Duty Relaxation (transmitter only).
d) Negative signs (-) in Margin column signify levels below the limits.
e) All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits.



Intertek Testing Services

Radiated Emissions

Test Data

Company:	Symbol	Model #:	LA-3021-500-US	Handgun	18-247
EUT:	Antenna 14 on 500 mw C-radio	S/N #:		11	
Project #:	J99013298	Test Date:	May 25 1999	3	
Test Mode:	xmit 2440 500mw	Engineer:	Barry S.	0	

	Antenna Used			Pre-Amp Used			Cable Used			Handbook Used
Number:	8	7	17	8	12	10	12	0	0	0
Model:	DMC-015	DM-01A-25	DMC-0160	CDL-P100-0	A10-20	A10-16055	cm-101	None	None	None

[illegible]

* Noise Floor with RBW 300KHz

Notes:	a) D.C.F.:Distance Correction Factor
	b) Insert. Loss (dB) = Cable A + Cable B + Cable C .
	c) Net (dB) = Reading + Antenna Factor - Pre-amp + Insert. Loss. - Transducer Loss - Duty Relaxation (transmitter only).
	d) Negative signs (-) in Margin column signify levels below the limits.
	e) All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits.



Intertek Testing Services

Radiated Emissions Test Data

Company:	Symbol	Model #:	LA-3021-500-US	Standard:	ECSS-E-20-27
EUT:	Antenna 15 on 500 mw C-radio	S/N #:		Enviro:	11
Project #:	J99013298	Test Date:	May 25 1999	Test Duration:	3
Test Mode:	xmit 2402 500mw	Engineer:	Barry S.	Only Collection:	0

	Antennas Used			Pre-Amp Used			Cable Used			Transducer Used
Number:	8	7	17	8	12	10	12	0	0	0
Model:	DA00-3115	DA10-25	DA00-3115	DA00-3115	DA00-3115	DA10-25	DA00-3115	None	None	None

[illegible]

Notes:	a) D.C.F.:Distance Correction Factor
	b) Insert. Loss (dB) = Cable A + Cable B + Cable C .
	c) Net (dB) = Reading + Antenna Factor - Pre-amp + Insert. Loss. - Transducer Loss - Duty Relaxation (transmitter only).
	d) Negative signs (-) in Margin column signify levels below the limits.
	e) All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits.



Intertek Testing Services

Radiated Emissions Test Data

Company:	Symbol	Model #:	LA-3021-500-US	Standard:	ECG 11-227 (F.C.)
EUT:	Antenna 15 on 500 mw C-radio	S/N #:		Items	11
Project #:	J99013298	Test Date:	May 25 1999	Test Duration	3
Test Mode:	xmit 2480 500mw	Engineer:	Barry S.	Test Location	0

	Antenna Used			Pre-Amp Used			Cable Used			Transducer Used
Number:	8	7	17	8	12	10	12	0	0	0
Model:	EPCC-3115	EMTPA-25	EMCC-3150	CDP100-0	150-20	AT1150K	Gen. 44	None	None	None

[illegible]

Abstract

- a) D.C.F.:Distance Correction Factor
b) Insert. Loss (dB) = Cable A + Cable B + Cable C .
c) Net (dB) = Reading + Antenna Factor - Pre-amp + Insert. Loss. - Transducer Loss - Duty Relaxation (transmitter only).
d) Negative signs (-) in Margin column signify levels below the limits.
e) All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits.

Radiated Emissions Test Data

Company:	Symbol	Model #:	LA-3021-500-US	Standard:	FCI 15-347 (R-5)
EUT:	Antenna 16 on 500 mw C-radio	S/N #:		Time:	11
Project #:	J99013298	Test Date:	May 25 1999	Test Distance:	3
Test Mode:	xmit 2402 500mw	Engineer:	Barry S.	Days:	0

	Anterior Side			Posterior Side			Right Side			Trunk/Neck Side
Number	8	7	17	8	12	10	12	0	0	0
Mean	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.0	0.0	0.0

[illegible]

- Notes:**
- a) D.C.F.:Distance Correction Factor
 - b) Insert. Loss (dB) = Cable A + Cable B + Cable C.
 - c) Net (dB) = Reading + Antenna Factor - Pre-amp + Insert. Loss. - Transducer Loss - Duty Relaxation (transmitter only).
 - d) Negative signs (-) in Margin column signify levels below the limits.
 - e) All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits.

Radiated Emissions Test Data

Company:	Symbol	Model #:	LA-3021-500-US	Standard:	ANSI X3.110-200
EUT:	Antenna 16 on 500 mw C-radio	S/N #:		Part #:	11
Project #:	J99013298	Test Date:	May 25 1989	Test Duration:	3
Test Mode:	xmit 2440 500mw	Engineer:	Barry S.	Prog. Test Count:	0

	Antenna Used			Pre-Amp Used			Cable Used			Transducer Used
Number	8	7	17	8	12	10	12	0	0	0
Model	EMCO 315	EMCO 315	EMCO 315	EMCO 315	EMCO 315	EMCO 315	EMCO 315	None	None	None

[illegible]

Notes:	a) D.C.F.:Distance Correction Factor
	b) Insert. Loss (dB) = Cable A + Cable B + Cable C .
	c) Net (dB) = Reading + Antenna Factor - Pre-amp + Insert. Loss. - Transducer Loss - Duty Relaxation (transmitter only).
	d) Negative signs (-) in Margin column signify levels below the limits.
	e) All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits.

Radiated Emissions Test Data

Company:	Symbol	Model #:	LA-3021-500-US	Standard:	FCR-5-19-227 (R&B)
EUT:	Antenna 16 on 500 mw C-radio	S/N #:		Units:	11
Project #:	J99013298	Test Date:	May 25 1999	Test Duration:	3
Test Mode:	xmit 2480 500mw	Engineer:	Barry S.	Duty Extension:	0

	Antenna Used			Pre-Amp Used			Cable Used			Remedies Used
Number	8	7	17	8	12	10	12	0	0	0
Model	11300	11307	11300	11300	11300	11300	GR-100	None	None	None

[illegible]

Notes:	a) D.C.F.:Distance Correction Factor
	b) Insert. Loss (dB) = Cable A + Cable B + Cable C .
	c) Net (dB) = Reading + Antenna Factor - Pre-amp + Insert. Loss. - Transducer Loss - Duty Relaxation (transmitter only).
	d) Negative signs (-) in Margin column signify levels below the limits.
	e) All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits.

Radiated Emissions Test Data

Company:	Symbol	Model #:	LA-3021-500-US	Standard:	10.247
EUT:	Antenna 17 on 500 mw C-radio	S/N #:		11	
Project #:	J99013298	Test Date:	May 24 1999	3	
Test Mode:	xmit 2402 500mw	Engineer:	Barry S.	0	

	Amplifier Used			Pre-Amp Used			Cable Used			Transducer Used
Number:	8	7	17	8	12	10	12	0	0	0
Model:	EMCO SIS	EMCO SIS	EMCO SIS	ED-100 1	AKO 200	AMP-100 1	ED-100 1	None	None	None

[illegible]

Notes:	a) D.C.F.:Distance Correction Factor
	b) Insert. Loss (dB) = Cable A + Cable B + Cable C .
	c) Net (dB) = Reading + Antenna Factor - Pre-amp + Insert. Loss. - Transducer Loss - Duty Relaxation (transmitter only).
	d) Negative signs (-) in Margin column signify levels below the limits.
	e) All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits.



Radiated Emissions Test Data

Company:	Symbol	Model #:	LA-3021-500-US	Standard:	FCC E-15-227 (RLE)
EUT:	Antenna 17 on 500 mw C-radio	S/N #:		Units:	11
Project #:	J99013298	Test Date:	May 24 1999	Test Distance:	3 meters
Test Mode:	xmit 2440 500mw	Engineer:	Barry S.	 Duty Reduction:	0 dB

	SIGNAL INPUT			PRE-AMPLIFIER			CABLE INPUT			Remedies Used
Number	8	7	17	8	12	10	12	0	0	0
Mode	Normal	Normal	Normal	Normal	Normal	Normal	Normal	None	None	None

[illegible]

Notes:	a) D.C.F.:Distance Correction Factor
	b) Insert. Loss (dB) = Cable A + Cable B + Cable C .
	c) Net (dB) = Reading + Antenna Factor - Pre-amp + Insert. Loss. - Transducer Loss - Duty Relaxation (transmitter only).
	d) Negative signs (-) in Margin column signify levels below the limits.
	e) All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits.

Radiated Emissions Test Data

Company:	Symbol	Model #:	LA-3021-500-US	Serial #:	11-11-11
EUT:	Antenna 17 on 500 mw C-radio	S/N #:		Test Date:	11
Project #:	J99013298	Test Date:	May 24 1999	Test Mode:	3
Test Mode:	xmit 2480 500mw	Engineer:	Barry S.	Test Result:	0

	Amperage Used			Pre-amp Used			Cable Used			Handpiece Used
Number	8	7	17	8	12	10	12	0	0	0
Model	EMCO SHE	EMCO 25	EMCO 1000	CH 1000 2	100 100	AF 1000	CH 100	None	None	None

[illegible]

Notes:	a) D.C.F.:Distance Correction Factor
	b) Insert. Loss (dB) = Cable A + Cable B + Cable C .
	c) Net (dB) = Reading + Antenna Factor - Pre-amp + Insert. Loss. - Transducer Loss - Duty Relaxation (transmitter only).
	d) Negative signs (-) in Margin column signify levels below the limits.
	e) All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits.

Radiated Emissions Test Data

Company:	Symbol	Model #:	LA-3021-500-US	Standard:	IEEE 1327
EUT:	Antenna 18 on 500 mw C-radio	S/N #:		Test #:	11
Project #:	J99013298	Test Date:	May 25 1999	Test #:	3
Test Mode:	xmit 2402 500mw	Engineer:	Barry S.	Test #:	0

	Front End			Engine Room			Cabin			Generator Room
Number	8	7	17	8	12	10	12	0	0	0
Model	1000	1000	1000	1000	1000	1000	1000	None	None	None
Size	100	100	100	100	100	100	100	None	None	None

[illegible]

Notes:	a) D.C.F.:Distance Correction Factor
	b) Insert Loss (dB) = Cable A + Cable B + Cable C .
	c) Net (dB) = Reading + Antenna Factor - Pre-amp + Insert. Loss. - Transducer Loss - Duty Relaxation (transmitter only).
	d) Negative signs (-) in Margin column signify levels below the limits.
	e) All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits.

Radiated Emissions

Company:	Symbol	Model #:	LA-3021-500-US	<table><tr><td>11</td></tr><tr><td>3</td></tr><tr><td>0</td></tr></table>	11	3	0
11							
3							
0							
EUT:	Antenna 18 on 500 mw C-radio	S/N #:					
Project #:	J99013298	Test Date:	May 25 1999				
Test Mode:	xmit 2440 500mw	Engineer:	Barry S.				

8	7	17	8	12	10	12	0	0	0
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[illegible]

- a) D.C.F.:Distance Correction Factor
b) Insert. Loss (dB) = Cable A + Cable B + Cable C .
c) Net (dB) = Reading + Antenna Factor - Pre-amp + Insert. Loss. - Transducer Loss - Duty Relaxation (transmitter only).
d) Negative signs (-) in Margin column signify levels below the limits.
e) All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits.



Intertek Testing Services

Radiated Emissions Test Data

Company:	Symbol	Model #:	LA-3021-500-US	
EUT:	Antenna 18 on 500 mw C-radio	S/N #:		11
Project #:	J98013298	Test Date:	May 25 1999	3
Test Mode:	xmit 2480 500mw	Engineer:	Barry S.	0

8	7	17	8	12	10	12	0	0	0
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[illegible]

- a) D.C.F.:Distance Correction Factor
b) Insert. Loss (dB) = Cable A + Cable B + Cable C .
c) Net (dB) = Reading + Antenna Factor - Pre-amp + Insert. Loss. - Transducer Loss - Duty Relaxation (transmitter only).
d) Negative signs (-) in Margin column signify levels below the limits.
e) All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits.

Intertek Testing Services

Radiated Emissions Test Data

Company:	Symbol	Model #:	LA-3021-500-US		
EUT:	Antenna 19 on 500 mw C-radio	S/N #:			11
Project #:	J99013298	Test Date:	May 25 1999		3
Test Mode:	xmit 2402 500mw	Engineer:	Barry S.		0

[illegible][illegible]

- a) D.C.F.:Distance Correction Factor
b) Insert. Loss (dB) = Cable A + Cable B + Cable C.
c) Net (dB) = Reading + Antenna Factor - Pre-amp + Insert. Loss. - Transducer Loss - Duty Relaxation (transmitter only).
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e) All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits.

Radiated Emissions

Company:	Symbol	Model #: LA-3021-500-US	
EUT:	Antenna 19 on 500 mw C-radio	S/N #:	11
Project #:	J99013298	Test Date: May 25 1999	3
Test Mode:	xmit 2440 500mw	Engineer: Barry S.	0

8	7	17	8	12	10	12	0	0	0
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[illegible]

- a) D.C.F.: Distance Correction Factor
- b) Insert. Loss (dB) = Cable A + Cable B + Cable C.
- c) Net (dB) = Reading + Antenna Factor - Pre-amp + Insert. Loss. - Transducer Loss - Duty Relaxation (transmitter only).
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Radiated Emissions Test Data

Company:	Symbol	Model #:	LA-3021-500-US	
EUT:	Antenna 19 on 500 mw C-radio	S/N #:		11
Project #:	J99013298	Test Date:	May 25 1999	3
Test Mode:	xmit 2480 500mw	Engineer:	Barry S.	0

Name	8	7	17	8	12	10	12	0	0	0
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[illegible]

- a) D.C.F.:Distance Correction Factor
b) Insert. Loss (dB) = Cable A + Cable B + Cable C .
c) Net (dB) = Reading + Antenna Factor - Pre-amp + Insert. Loss. - Transducer Loss - Duty Relaxation (transmitter only).
d) Negative signs (-) in Margin column signify levels below the limits.
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Radiated Emissions Test Data

Company:	Symbol	Model #:	LA-3021-500-US	
EUT:	Antenna 20 on 500 mw C-radio	S/N #:		11
Project #:	J89013298	Test Date:	May 24 1999	3
Test Mode:	xmit 2402 500mw	Engineer:	Barry S.	0

8	7	17	8	12	10	12	0	0	0
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[illegible]

a) D.C.F.:Distance Correction Factor
b) Insert. Loss (dB) = Cable A + Cable B + Cable C .
c) Net (dB) = Reading + Antenna Factor - Pre-amp + Insert. Loss. - Transducer Loss - Duty Relaxation (transmitter only).
d) Negative signs (-) in Margin column signify levels below the limits.
e) All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits.

Radiated Emissions

Company:	Symbol	Model #: LA-3021-500-US	
EUT:	Antenna 20 on 500 mw C-radio	S/N #:	11
Project #:	J99013298	Test Date: May 24 1999	3
Test Mode:	xmit 2440 500mw	Engineer: Barry S.	0

8	7	17	8	12	10	12	0	0	0
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[illegible]

Notes:	a) D.C.F.:Distance Correction Factor
	b) Insert. Loss (dB) = Cable A + Cable B + Cable C .
	c) Net (dB) = Reading + Antenna Factor - Pre-amp + Insert. Loss. - Transducer Loss - Duty Relaxation (transmitter only).
	d) Negative signs (-) in Margin column signify levels below the limits.
	e) All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits.

Radiated Emissions Test Data

Company:	Symbol	Model #:	LA-3021-500-US
EUT:	Antenna 20 on 500 mw C-radio	S/N #:	11
Project #:	J99013298	Test Date:	May 24 1999
Test Mode:	xmit 2480 500mw	Engineer:	Barry S.

8	7	17	8	12	10	12	0	0	0
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[illegible]

- a) D.C.F.:Distance Correction Factor
- b) Insert. Loss (dB) = Cable A + Cable B + Cable C .
- c) Net (dB) = Reading + Antenna Factor - Pre-amp + Insert. Loss. - Transducer Loss - Duty Relaxation (transmitter only).
- d) Negative signs (-) in Margin column signify levels below the limits.
- e) All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits.

Radiated Emissions Test Data

Company:	Symbol	Model #: LA-3021-500-US	
EUT:	Antenna 21 on 500 mw C-radio	S/N #:	11
Project #:	J99013298	Test Date: May 25 1999	3
Test Mode:	xmit 2402 500mw	Engineer: Barry S.	0

8	7	17	8	12	10	12	0	0	0
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[illegible]

- a) D.C.F.:Distance Correction Factor
b) Insert. Loss (dB) = Cable A + Cable B + Cable C .
c) Net (dB) = Reading + Antenna Factor - Pre-amp + Insert. Loss. - Transducer Loss - Duty Relaxation (transmitter only).
d) Negative signs (-) in Margin column signify levels below the limits.
e) All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits.



Radiated Emissions Test Data

Company:	Symbol	Model #:	LA-3021-500-US	
EUT:	Antenna 21 on 500 mw C-radio	S/N #:		11
Project #:	J99013208	Test Date:	May 25 1999	3
Test Mode:	xmit 2440 500mw	Engineer:	Barry S.	0

8	7	17	8	12	10	12	0	0	0
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[illegible]

- a) D.C.F.: Distance Correction Factor
b) Insert. Loss (dB) = Cable A + Cable B + Cable C .
c) Net (dB) = Reading + Antenna Factor - Pre-amp + Insert. Loss. - Transducer Loss - Duty Relaxation (transmitter only).
d) Negative signs (-) in Margin column signify levels below the limits.
e) All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits.

Company:	Symbol	Model #:	LA-3021-500-US	<table border="1"> <tr> <td>11</td> </tr> <tr> <td>3</td> </tr> <tr> <td>0</td> </tr> </table>	11	3	0
11							
3							
0							
EUT:	Antenna 21 on 500 mw C-radio	S/N #:					
Project #:	J99013298	Test Date:	May 25 1999				
Test Mode:	xmit 2480 500mw	Engineer:	Barry S.				

8	7	17	8	12	10	12	0	0	0
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[illegible]

- a) D.C.F.: Distance Correction Factor
b) Insert. Loss (dB) = Cable A + Cable B + Cable C.
c) Net (dB) = Reading + Antenna Factor - Pre-amp + Insert. Loss. - Transducer Loss - Duty Relaxation (transmitter only).
d) Negative signs (-) in Margin column signify levels below the limits.
e) All other emissions not reported are below the equipment noise floor which is at least 20 dB below the limits.