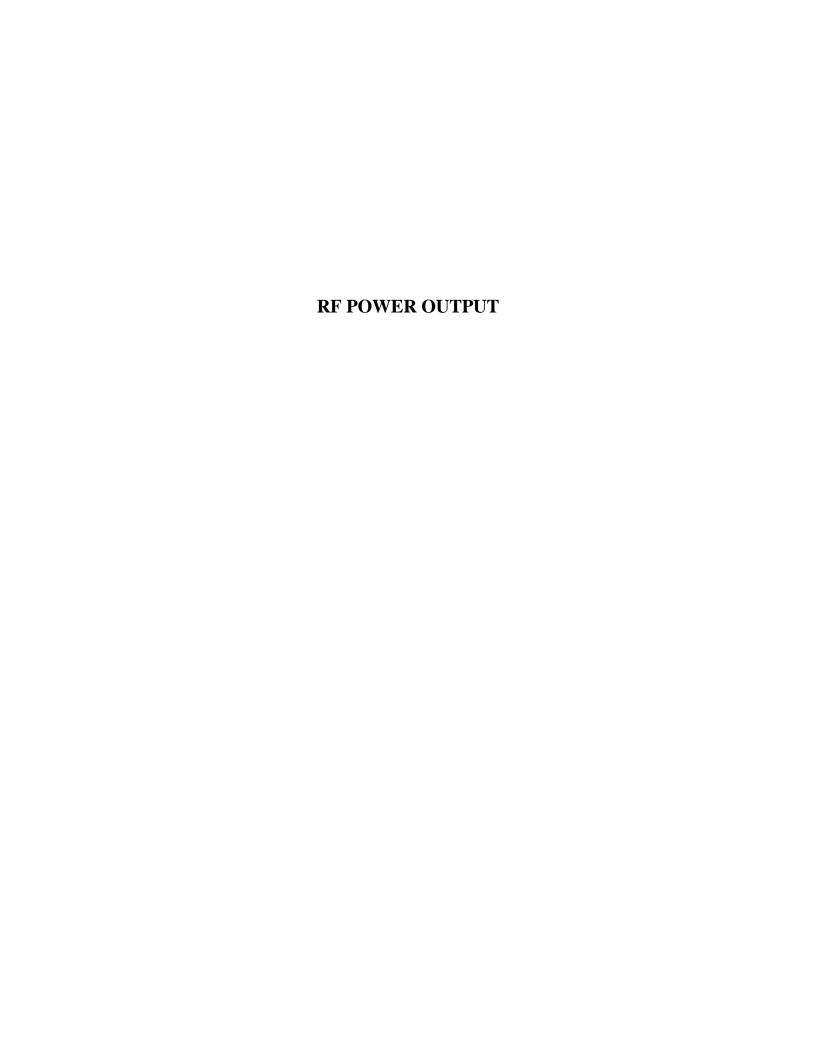
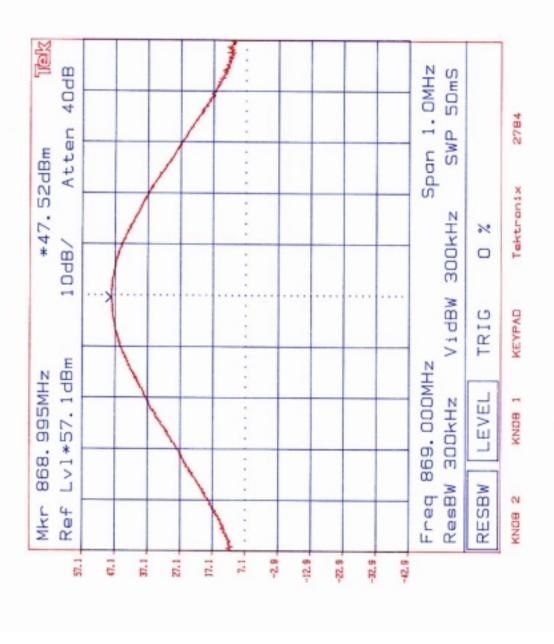
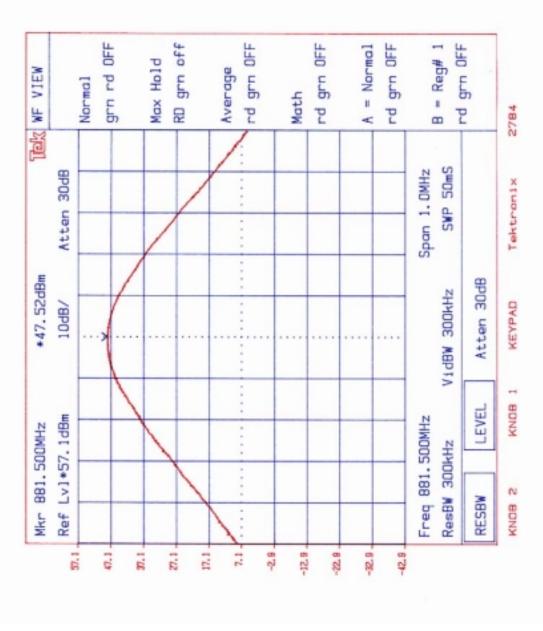
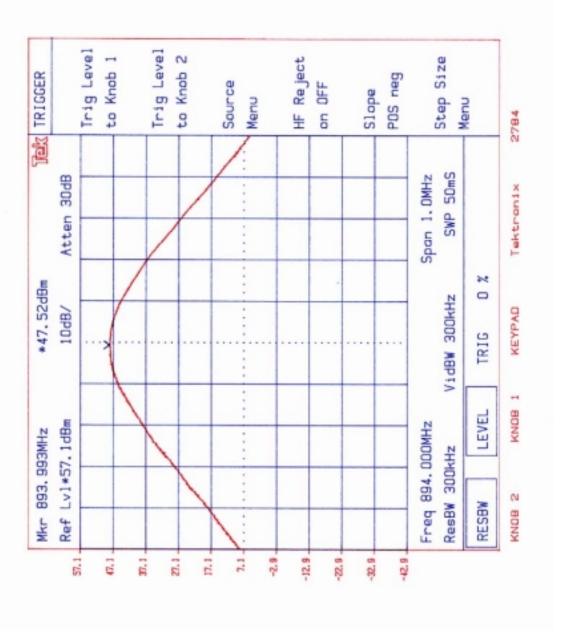
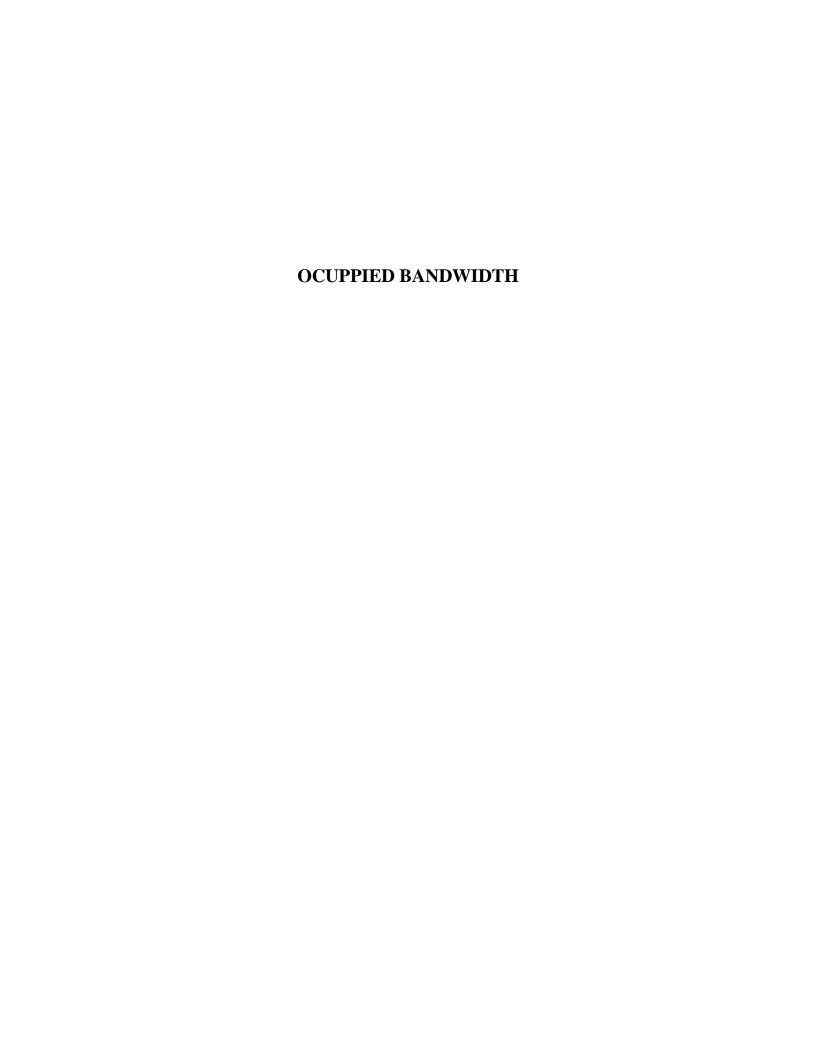
APPENDIX A



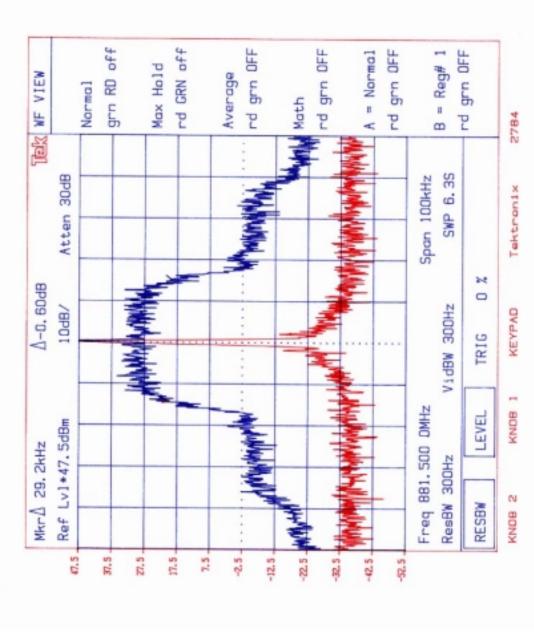




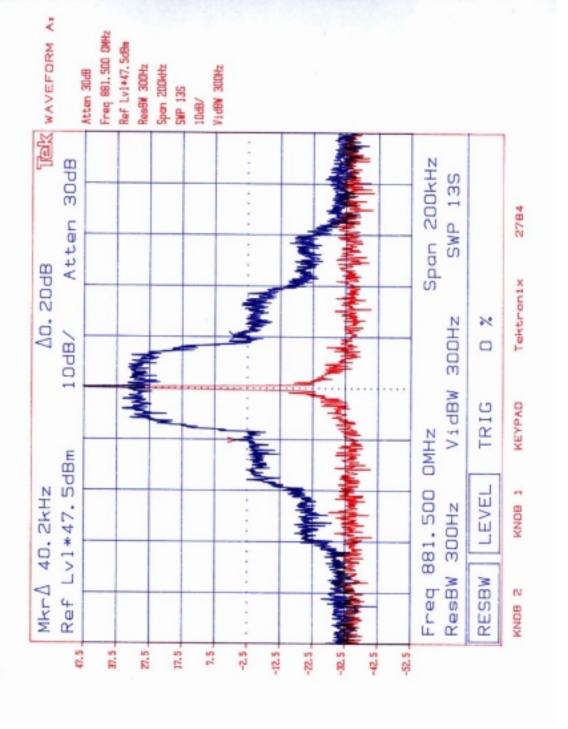


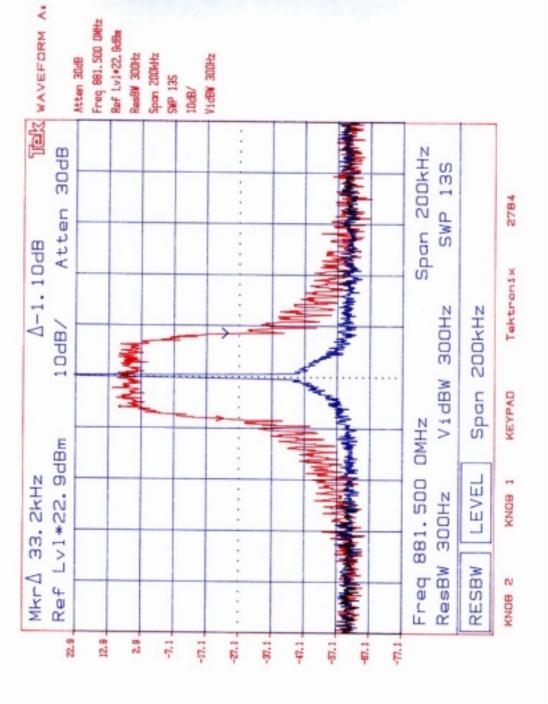




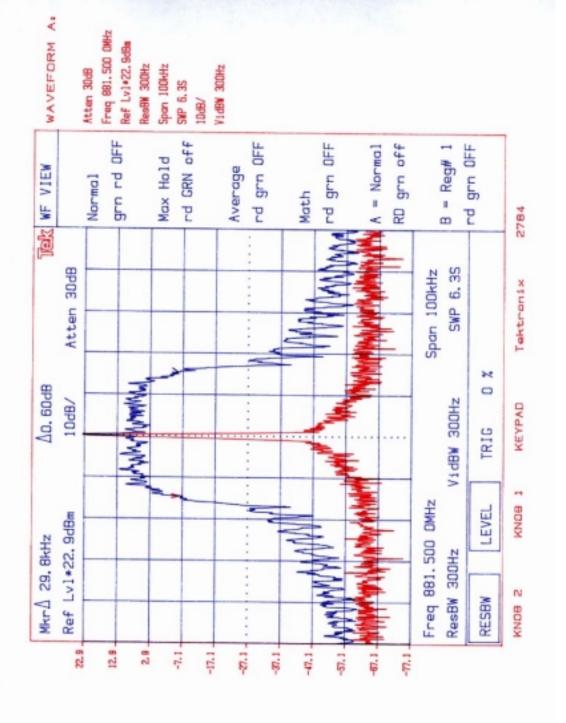




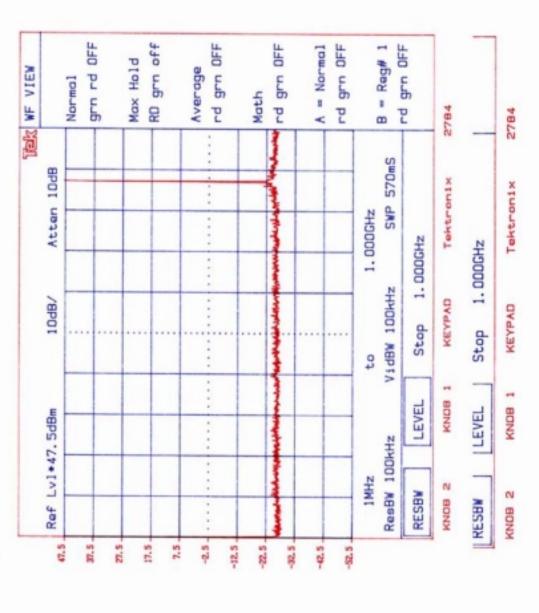




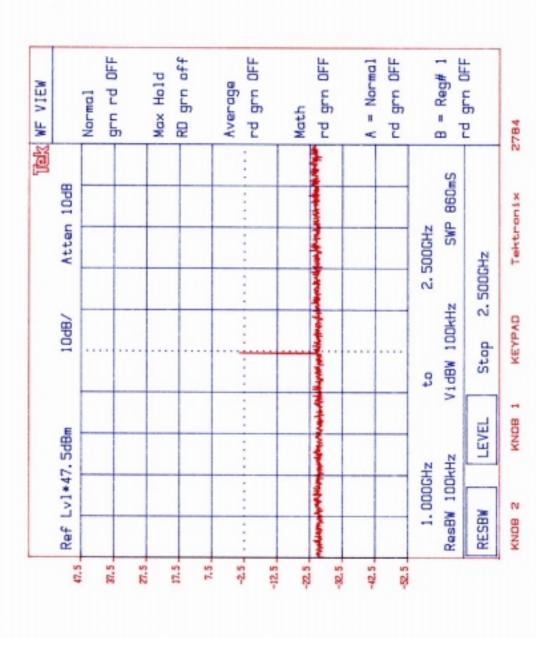


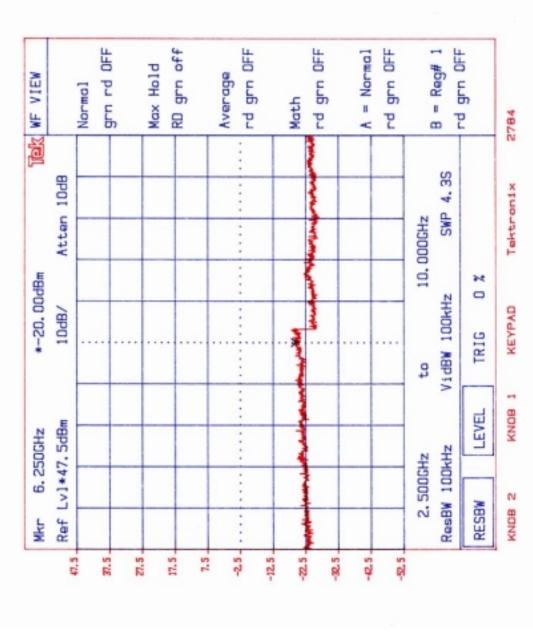


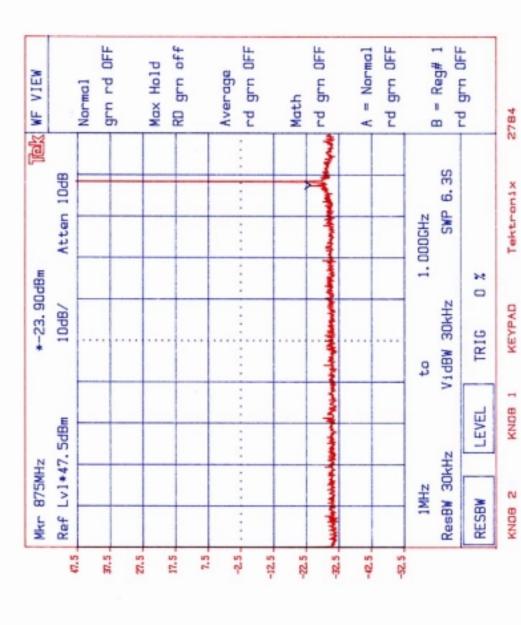
OUT OF BAND EMISSION AT ANTENNA TERMINALS

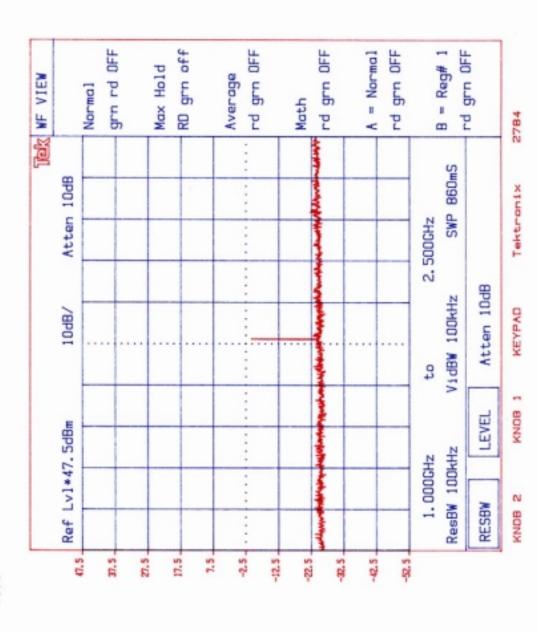


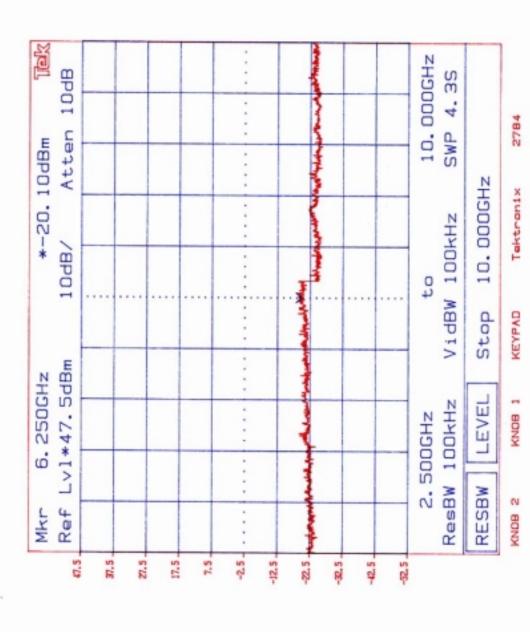


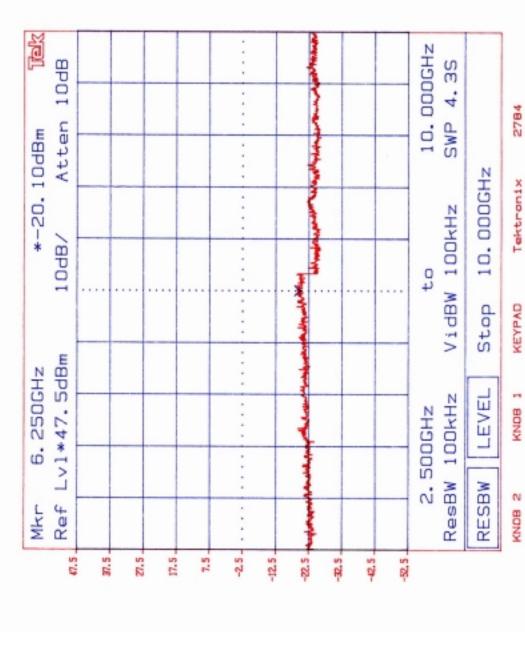


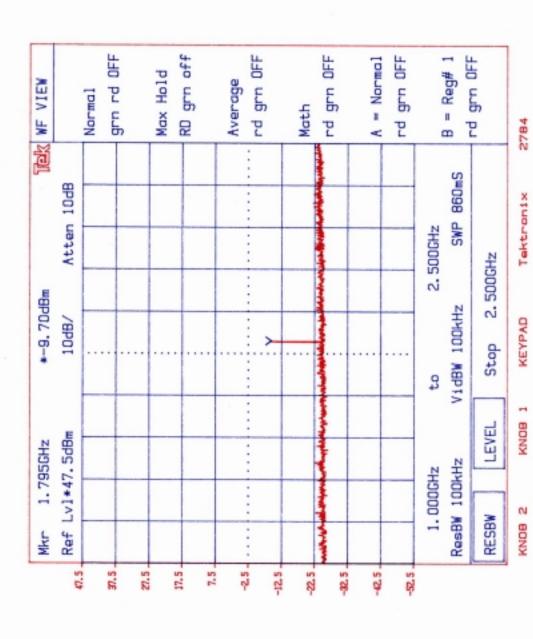




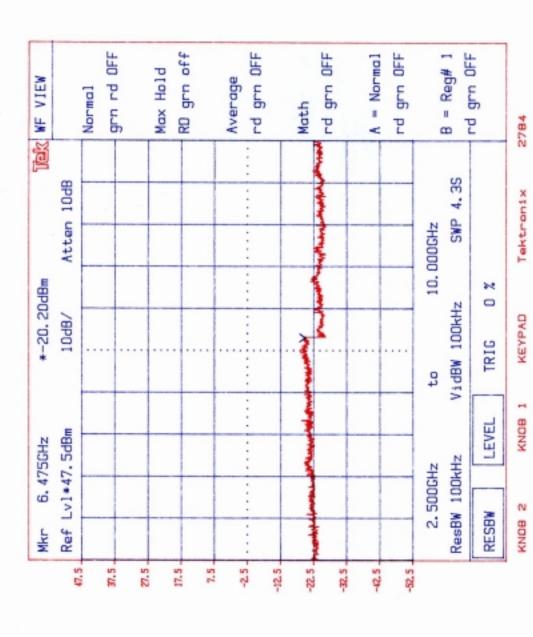




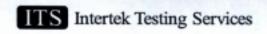




0.5.0







Radiated Emissions Test Data

Company:	Spectrian	Model #:	SCLPA 800 CR	Regression	FCC	2.993
EUT:	Amplifier	FCC #:	I20NTHX51AA	Test Dat	3	melera
Project #:	J99013340	Test Date:	May 19, 1999	TP	1.00	Wort
Test Mode:	881.5 MHz	Engineer:	Barry 8.	Min. Attn	43.00	вВс

	Anterio	a Used		Pro-A	np Used		Cable	Transouced		
Number:	14	2	9	8	4	11	0	0	12	0
Model:	EMCO	EMCO	EMCO 2104	CDUP150	None	ALM100	None	None	Gin_M+L	None

Frequency	Reading	Detector	Ant	Amp	Ant. Pol.	Ant.	Pre-Amp	Insert.	Net	ERP	Adtn.	Margi
Meta	disply)	PIA/O		200	THOU	Factor 68(1/m)	GB	Loss	26(y//m)	TOTAL MARKET	abo	dB
881.50	144.9	Peak	14	8	V	dB(1/m)	0.0	2.1	147.0	9.19E+04	0.0	N/A
1763.00	47.1	Peak	14	8	v	26.6	29.4	3.1	47.4	9.98E-06	99.6	-56.6
2644.50	39.1	Peak	14	8	v	30.4	28.4	2.3	43.4	4.00E-06	103.6	-60.6
3526.00	33.5	Peak	14	8	V	32.5	27.8	2.7	40.8	2.20E-06	106.2	-63.2
4407.50	32.3	Peak	14	8	v	34.2	27.9	2.9	41.4	2.53E-06	105.6	-62.6
5289.00	31.9	Peak	14	8	V	35.4	28.3	3.5	42.5	3.26E-06	104.5	-61.5
6170.50	36.7	Peak	14	8	V	36.8	28.3	3.9	49.1	1.49E-05	97.9	-54.9
7052.00	36.7	Peak	14	8	V	38.0	27.9	4.3	51.1	2.37E-05	95.9	-52.9
7933.50	36.4	Peak	14	8	V	37.8	27.5	4.6	51.3	2.44E-05	95.8	-52.8
8690.00	36.5	Peak	14	8	V	40.3	27.1	4.7	54.4	5.07E-05	92.6	-49.6

- a) O.C.F.:Other Correction Factor
 b) Insert. Loss = Cable A + Cable B + Cable C + Transducer.
 c) Net = Reading + Antenna Factor Pre-Amp + Insert. Loss.
 d) Attn. = Field Strength (Fundamental) Field Strength (Harmonics).
 e) Negative signs (-) in Margin column signify levels below the limits.



Radiated Emissions Test Data

Company:	Spectrian	Model #: SCLPA 800 CR	Req	FCC 2.993
EUT:	Amplifier	FCC #: I20NTHX51AA	Test Dist	3 malers
Project #:	J99013340	Test Date: May 19, 1999	TP	.00 Walt
Test Mode:	894 MHz	Engineer: Barry S.	Min. Attn. 4	3.00 die

Antenna Used				Pre-Ant	p Used		Cable	Transducer		
Number:	14	2	9	8	4	11	0	0	12	0
Model:	EMC0 3115	3143	BMCC 3104	CDI_P100	None	ALM100	Hone	None	Gm_M+L	Horse

200000000	or	1000	Amp	Ant. Pol.	Ant. Factor	Pre-Amp	Loss	Not	ERP	Altn	Margi
office)	P:A/Q	100	SECULO 1	H/V	dB(14h)	88	dB	deryving	TWV.	484	de
144.9	Peak	14	8	V	dB(1/m)	0.0	2.1	147.0	9.19E+04	0.0	N/A
38.9	Peak	14	8	V	26.6	29.2		38.5	1.30E-06	108.5	-65.5
39.0	Peak	14	8	V	30.4	28.4	2.3	43.3	3.88E-06	103.8	-60.8
26.4	Peak	14	8	V	32.5	27.8	2.7	33.8	4.36E-07	113.2	-70.2
22.4	Peak	14	8	V	34.2	27.9	2.9	31,5	2.61E-07	115.5	-72.5
22.2	Peak	14	8	V	35.4	28.3	3.5	32.8	3.51E-07	114.2	-71.2
27.1	Peak	14	8	V	36.8	28.0	3.9	39.8	1.75E-06	107.2	-64.2
22.4	Peak	14	8	V	38.0	27.9	4.3	36.8	8.72E-07	110.2	-67.2
23.4	Peak	14	8	V	37.9	27.2	4.8	38.9	1.42E-06	108.1	-65.1
22.8	Peak	14	8	V	40.3	27.0	4.7	40.8	2.21E-06	106.2	-63.2
								-			
	38.9 39.0 26.4 22.4 22.2 27.1	dlipv) PAG 144.9 Peak 38.9 Peak 39.0 Peak 26.4 Peak 22.4 Peak 22.1 Peak 27.1 Peak 22.4 Peak 23.4 Peak	or	or	or	or	or	or	or	Column C	Column

- a) O.C.F.:Other Correction Factor
 b) Insert. Loss = Cable A + Cable B + Cable C + Transducer.
 c) Net = Reading + Antenna Factor Pre-Amp + Insert. Loss.
 d) Attn. = Field Strength (Fundamental) Field Strength (Harmonics).
 e) Negative signs (-) in Margin column signify levels below the limits.

ITS Intertek Testing Services

Radiated Emissions Test Data

Company:	Spectrian	Model #:	SCLPA 800 CR	Req	FCC 2.99	93
EUT:	Amplifier	FCC #:	I20NTHX51AA	Tost Dist	3 me	819
Project #:	J99013340	Test Date:	May 19, 1999	TP.	1.00 Was	100
Test Mode:	869MHz	Engineer:	Barry 8.	Mirs. Attn.	43.00 dBc	-

	Antenna	Used		Pre-Ar	np Used		Cabio	Transducer		
Number:	14	2	9	8	4	11	0	0	12	0
Model:	EMCC 3115	EMCCI	EMCO	CDI_P100	None	ALM100	None	None	CRH_MHL	78ans

Frequency	Reading	Detect	Ant	Amp	Ant. Pol.	Ant. Factor	Pre-Amp	insert. Loss	Net	ERP	200000	Margi
MHZ	dB(gV)	PAG	ES	BC.88	HV	dB(1.99)	dB	6 6	GB(pvim)	EW.	ово	œ
869.00	144.9	Peak	14	8	V	dB(1/m)	0.0	2.1	147.0	9.19E+04	0.0	N/A
1738.00	50.1	Peak	14	8	V	26.6	29.4	3.1	50.4	1.99E-05	96.6	-53.€
2607.00	31.1	Peak	14	8	V	30.4	28.4	2.3	35.4	6.30E-07	111.6	-68.6
3476.00	33.6	Peak	14	8	V	31.3	27.8	2.5	39.5	1.65E-06	107.5	-64.5
4345.00	31.6	Peak	14	8	V	34.2	27.9	2.9	40.7	2.17E-06	106.3	-63.2
5214.00	34.6	Peak	14	8	٧	35.4	28.3	3.5	45.2	6.07E-06	101.8	-58.8
6083.00	37.6	Peak	14	8	V	36.8	28.3	3.9	50.0	1.84E-05	97.0	-54.0
6952.00	35.8	Peak	14	8	V	36.4	28.0	4.2	48.3	1.25E-05	98.7	-55.7
7821.00	35.8	Peak	14	8	V	37.8	27.5	4.6	50.7	2.14E-05	96.3	-53.3
8690.00	35.9	Peak	14	8	V	40.3	27.1	4.7	53.8	4.38E-05	93.2	-50,2
							_		_		_	

- a) O.C.F.:Other Correction Factor
 b) Insert. Loss = Cable A + Cable B + Cable C + Transducer.
 c) Net = Reading + Antenna Factor Pre-Amp + Insert. Loss.
 d) Attn. = Field Strength (Fundamental) Field Strength (Harmonics).
 e) Negative signs (-) in Margin column signify levels below the limits.