



**FCC Licensed Transmitter
Test Report
for**

**FM Broadcast Transmitter
TX 25/50**

Reference Standard 47CFR Part 2, Subpart J : Oct 2005
Manufacturer Broadcast Warehouse
For type of equipment and serial number, refer to section 3
Report Number 10-058/2950/3A/05
Report Produced by: -

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2. Summary of Test Results

The FM Broadcast Transmitter TX 25/50 was tested for compliance to the following standard for licensed transmitters: -

47CFR Part 2, Subpart J: Oct 2005
47CFR Part 73: Oct 2005

Title	References	Results
1. RF Power Output.	47CFR Part 2, Subpart J	conducted: PASSED
		radiated: NOT APPLICABLE
2. Modulation Characteristics.	47CFR Part 2, Subpart J	frequency PASSED
		response: PASSED
3. Occupied Bandwidth	47CFR Part 2, Subpart J	modulation PASSED
		limiting: PASSED
4. Spurious Emissions at Antenna Terminals.	47CFR Part 2, Subpart J	PASSED
5. Field Strength of Spurious Radiation.	47CFR Part 2, Subpart J	PASSED
6. Frequency Stability.	47CFR Part 2, Subpart J	PASSED

This report relates to the equipment tested as identified by a unique serial number and at the time it was tested. It does not relate to any other similar equipment and performance of the product before or after the test cannot be guaranteed.

The measurement uncertainty, where stated, is the expanded uncertainty based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%.

Date of Test: 21 - 31 Oct 2005

Test Engineer:

Approved By:

3. Information about Equipment Under Test

Applicant	Broadcast Warehouse PO BOX 1630 Croydon CR9 4XX
Brand name of EUT(s)	Broadcast Warehouse Limited
Model Number(s) of EUT(s)	TX 25/50
FCC Identifier(s)	TUO TX25-50
Serial Numbers of EUT(s)	not stated
Date when equipment was received by RN Electronics Limited	6th Oct 2005
Date of test:	21 - 31 Oct 2005
Customer order number:	not stated
Visual description of EUT:	19" rack mountable unit with LCD display and monitor ports on front panel. All other ports on rear.
Main function of the EUT:	FM broadcast transmission of audio.

EUT Information specification.

Height	44mm
Width	480mm
Depth	353mm
Weight	2.5 kg
Voltage	230Vac
Current required from above voltage source	not stated

EUT Configurations for testing.

Choice of model(s) for type testing	highest power model of range (see report 10-058/2950/3B/05) and this lower power model.
Method of achieving an unmodulated carrier frequency	remove stereo pilot tone jumper and reduce audio input to 0V.
Audio capsule / test fixture used	not applicable
Declared power level	50W
Declared channel bandwidth	200 kHz
Channel frequencies used	87.5MHz (low), 97.7MHz (mid), 108.0MHz (high)

Description of ancillary equipment connected to the equipment under test, for the purpose of tests, can be found in Section 10. Auxiliary Equipment.

Any modifications made to the EUT, whilst under test, can be found in Section 11. Modifications

This report was printed on: 10 January 2006

4. Specifications

The tests were performed by RN Electronics Engineer Paul Darragh who set up the tests, the test equipment, and operated it in accordance with the **R.N. Electronics Ltd** procedures manual and the relevant standards listed below.

4.1 Relevant Standards

	Standard Number	Version	Description
4.1.1	47CFR Part 73	Oct 2005	Part 73 - Radio Broadcast Services. [Subpart B - FM Broadcast Stations; Subpart H - Rules Applicable to All Broadcast Stations]
4.1.2	47CFR Part 2, Subpart J	Oct 2005	Part 2 - Frequency Allocations And Radio Treaty Matters; General Rules And Regulations.
4.1.3	ITU Rec. SM.329	10 (02/03)	Unwanted emissions in the spurious domain

4.2 Measurement Uncertainty

Parameter	Uncertainty
RF frequency	<±1 x 10 ⁻⁷
Audio Output power	<±0.5 dB
Radiated RF power	<±6 dB
Conducted RF power variations using a test fixture	<±0.75 dB
Maximum frequency deviation:	- within 300 Hz and 6 kHz of audio frequency <±5 % - within 6 kHz and 25 kHz of audio frequency <±3 dB
Deviation limitation	<±5 %
Radiated emission of transmitter valid up to 12.75 GHz	<±6 dB
Radiated emission of receiver valid up to 12.75 GHz	<±6 dB
Transmitter switch off time	<±5 %

4.2 Tests at Extremes of Temperature and Voltage

The following test conditions were used to simulate testing at nominal or extremes.

Temperature Test Conditions		Voltage Test Conditions	
T amb	per ambient conditions of the laboratory	V nom	110 / 230 Vac
T cold	0°C	V min	85 V ac
T hot	50°C	V max	260 Vac

- A permanent internal RF port was used for testing.
- A test fixture was used for testing.
- A temporary RF port was created for testing.
- The equipment external RF port was used for testing.

5. Tests, Methods and Results

5.1 Carrier Power

5.1.1 Conducted

5.1.1.1 Test Methods

Test Requirements	47CFR Part 2, Subpart J
Test Method:	47CFR Part 2, Subpart J, Clause §2.1046
Limits:	47CFR Part 2, Subpart J, Clause §73.1560(b)

5.1.1.1.1 Configuration of EUT

The EUT was placed in a temperature controlled chamber and thermal balance was achieved before testing commenced. Measurements were made at the 50 ohm coaxial transmit / receive port.

5.1.1.1.2 Test Procedure

Tests were made in accordance with the Test Method noted above using the measuring equipment noted in the 'Test Equipment' Section. The power stated is the maximum power observed from an average power detector.

5.1.1.2 Test results

Ambient conditions.

Temperature: 21°C

Relative humidity: 76%

TABLE OF OUTPUT POWER RESULTS

Output Power	+47 dBm
Channel Spacing	200 kHz
Modulation	FM

Test Conditions	Carrier Power (dBm)		
	Low	Mid	High
Temp Ambient	47.13	47.09	47.00
Maximum Transmitter Power observed (W)	51.6		
Variation in Transmitter power observed (%)	100 to 100.3		

Limits for > 10 Watt transmitters 90 to 105 % rated power.

5.1.1.3 Test Equipment used

CO31, CO32, TMS70, TMS86

See Section 9 for more details

5.1.2 Radiated

Not applicable. EUT measured at antenna port.

5.2 Modulation Characteristics

5.2.1 Frequency response

5.2.1.1 Test Methods

Test Requirements

47CFR Part 2, Subpart J

Test Method:

47CFR Part 2, Subpart J, Clause §2.1047

Limits:

47CFR Part 2, Subpart J, Clause §73.1570(b)

5.2.1.1 Configuration of EUT

The EUT was tested on the bench / in the chamber with the door open and ambient conditions were monitored.

5.2.1.2 Test Procedure

Tests were made in accordance with the Test Method noted above using the measuring equipment noted in the 'Test Equipment' Section.

5.2.2 Test Results

Ambient conditions.

Temperature: 19°C

Relative humidity: 51%

TABLE OF AUDIO RESPONSE PLOTS

Output Power	+47 dBm
Channel Spacing	200 kHz
Modulation	FM

Test Conditions	Reference to plot			
	Low	Mid	High	
Temp Ambient	Volts Nominal	001	002	003

Results for this test are presented graphically, please refer to section 6. Graphical Results.

5.2.3 Test Equipment used

TMS48, TMS55, TMS70, TMS10, TMS208

See Section 9 for more details

5.2.2 Modulation Limiting

5.2.2.1 Test Methods

Test Requirements	47CFR Part 2, Subpart J
Test Method:	47CFR Part 2, Subpart J, Clause §2.1047
Limits:	47CFR Part 2, Subpart J, none

5.2.2.1 Configuration of EUT

The EUT was tested on the bench / in the chamber with the door open and ambient conditions were monitored.

5.2.2.2 Test Procedure

Tests were made in accordance with the Test Method noted above using the measuring equipment noted in the 'Test Equipment' Section.

5.2.3 Test Results

Ambient conditions.

Temperature: 17°C Relative humidity: 76%

TABLE OF MODULATION LIMITING PLOTS

Output Power	+47 dBm
Channel Spacing	200 kHz
Modulation	FM

Test Conditions		Reference to plot		
		Low	Mid	High
Temp Ambient	Volts Nominal	004	005	006

Results for this test are presented graphically, please refer to section6. Graphical Results.

5.2.4 Test Equipment used

TMS48, TMS55, TMS70, TMS10, TMS208

See Section 9 for more details

5.3 Occupied Bandwidth

5.3.1 Test Methods

Test Requirements: 47CFR Part 2, Subpart J
Test Method: 47CFR Part 2, Subpart J, Clause §2.1049
Limits: 47CFR Part 2, Subpart J, Clause §73.317(b)&(c)

5.3.1.1 Configuration of EUT

The EUT was tested on the bench / in the chamber with the door open and ambient conditions were monitored. Stereo input was provided from a single 15kHz audio tone input to left and right inputs at the appropriate level. The pilot tone jumper was enabled for this test.

5.3.1.2 Test Procedure

Tests were made in accordance with the Test Method noted above, using the measuring equipment noted in the 'Test Equipment' section.

5.3.1.3 Test Results

Ambient conditions.
Temperature: 19°C Relative humidity: 51%

TABLE OF SPECTRUM PLOTS

Output Power	+47 dBm
Channel Spacing	200 kHz
Modulation	FM

	Reference to plot / Result		
	Low	Mid	High
Bandwidth plot	007	008	009
Occupied Bandwidth (kHz)	121.5	120.0	118.5
Maximum Occupied Bandwidth Observed (kHz)		121.5	

Limits are shown on the respective plots.

5.3.1.4 Test Equipment used

TMS10, TMS48, TMS55, E2, CO16, E257, TMS70
See Section 9 for more details

5.4 Spurious Emissions at Antenna Terminals

5.4.1 Conducted

5.4.1.1 Test Methods

Test Requirements	47CFR Part 2, Subpart J
Test Methods:	47CFR Part 2, Subpart J, §2.1051 ITU-R Rec. SM.329
Limits:	47CFR Part 2, Subpart J, Clause §73.317(d)

5.4.1.1.1 Configuration of EUT

The EUT was tested on the bench / in the chamber with the door open and ambient conditions were monitored.

5.4.1.1.2 Test Procedure

Tests were made in accordance with the Test Method noted above using the measuring equipment noted in the 'Test Equipment' Section. The power stated is the maximum power observed using a peak detector.

5.4.1.2 Test results

Ambient conditions.

Temperature: 22°C

Relative humidity: 60%

Channel Name	Low
Channel Spacing	200 kHz
Modulation Type	FM
Power Level	+47 dBm

Spurious Frequency (MHz)	Measured Spurious Level (dBm)
none	
Frequency Range	Plot Number
0.009 - 0.150	2950/3 Plot 010
0.150 - 30	2950/3 Plot 011
30 - 120	2950/3 Plot 012
120 - 1,000	2950/3 Plot 013
1,000 - 2,900	2950/3 Plot 014

Channel Name	Mid
Channel Spacing	200 kHz
Modulation Type	FM
Power Level	+47 dBm

Spurious Frequency (MHz)	Measured Spurious Level (dBm)
none	
Frequency Range	Plot Number
0.009 - 0.150	2950/3 Plot 015
0.150 - 30	2950/3 Plot 016
30 - 120	2950/3 Plot 017
120 - 1,000	2950/3 Plot 018
1,000 - 2,900	2950/3 Plot 019

Channel Name	High
Channel Spacing	200 kHz
Modulation Type	FM
Power Level	+47 dBm

Spurious Frequency (MHz)	Measured Spurious Level (dBm)
none	
Frequency Range	Plot Number
0.009 - 0.150	2950/3 Plot 020
0.150 - 30	2950/3 Plot 021
30 - 120	2950/3 Plot 022
120 - 1,000	2950/3 Plot 023
1,000 - 2,900	2950/3 Plot 024

Emissions more than 20dB below the limit have not been recorded.

Limits are shown on the respective plots.

5.4.1.3 Test Equipment used

TMS10, TMS70, E2, E257

See Section 9 for more details

5.5 Field Strength of Spurious Radiation.

5.5.1 Test Methods

Test Requirements:	47CFR Part 2, Subpart J
Test Methods:	47CFR Part 2, Subpart J, §2.1053 ITU-R Rec. SM.329
Limits:	47CFR Part 2, Subpart J, Clause §73.317(d)

5.5.1.1 Configuration of EUT

The EUT was placed in a vertical position in a shielded anechoic chamber. Measurements were made at 3m distance, then substitution was performed using a known signal generator.

5.5.1.2 Test Procedure

Tests were made in accordance with the Test Methods noted above using the measuring equipment noted in the 'Test Equipment' Section.

5.5.2 Test Results

Ambient conditions.

Temperature: 0°C Relative humidity: 0%

Channel Name	Low
Frequency	87.5 MHz
Channel Spacing	200kHz
Modulation Type	FM
Power Level	+47 dBm

Spurious Frequency (MHz)	Measured Spurious Level (dBm)	Antenna Polarisation	EUT Polarisation
none			
Range (MHz)	Polarisation	Plot #	
30 - 300	H	025	
30 - 300	V	026	
300 - 1000	H	027	
300 - 1000	V	028	
1000 - 1100	H	029	
1000 - 1100	V	030	

Channel Name	Mid
Frequency	97.7 MHz
Channel Spacing	200kHz
Modulation Type	FM
Power Level	+47 dBm

Spurious Frequency (MHz)	Measured Spurious Level (dBm)	Antenna Polarisation	EUT Polarisation
none			
Range (MHz)	Polarisation	Plot #	
30 - 300	H	031	
30 - 300	V	032	
300 - 1000	H	033	
300 - 1000	V	034	
1000 - 1100	H	035	
1000 - 1100	V	036	

Channel Name	High
Frequency	108 MHz
Channel Spacing	200kHz
Modulation Type	FM
Power Level	+47 dBm

Spurious Frequency (MHz)	Measured Spurious Level (dBm)	Antenna Polarisation	EUT Polarisation
none			
Range (MHz)	Polarisation	Plot #	
30 - 300	H	037	
30 - 300	V	038	
300 - 1000	H	039	
300 - 1000	V	040	
1000 - 1100	H	041	
1000 - 1100	V	042	

The plots referred to in the above tables may be found in section 6. Graphical Results

5.5.3 Test Equipment Used

E226, TMS933

See Section 9 for more details

5.6 Frequency Error

5.6.1 Test Methods

Test Requirements: 47CFR Part 2, Subpart J
Test Method: 47CFR Part 2, Subpart J, Clause §2.1055
Limits: 47CFR Part 2, Subpart J, Clause §73.1545

5.6.1.1 Configuration of EUT

The EUT was placed in a temperature controlled chamber and thermal balance was achieved before testing commenced. Measurements were made at the 50 ohm coaxial transmit / receive port.

5.6.1.2 Test Procedure

Tests were made in accordance with the Test Method noted above using the measuring equipment noted in the 'Test Equipment' Section. At each temperature extreme, the EUT was switched on in the transmit condition for one minute, after which the tests were conducted.

5.6.2 Test results

Ambient conditions.

Temperature: 21°C

Relative humidity: 70%

Radio parameters.

O/P Power: +47 dBm

Modulation: FM (carrier only)

TABLE OF FREQUENCY ERROR RESULTS

Channel Spacing	200 kHz
Modulation	FM

Temperature (C)	Voltage (V)	Frequency Reading (MHz)		
		Low	Mid	High
0	nominal	87.500328	97.700379	108.000357
10	nominal	87.500254	97.700311	108.000285
20	nominal	87.500160	97.700143	108.000141
20	85	87.499944	97.699919	107.999873
20	260	87.499984	97.700023	108.000049
30	nominal	87.499600	97.699599	107.999618
40	nominal	87.499402	97.699280	107.999141
50	nominal	87.499112	97.699080	107.999021
Maximum Frequency Error observed (Hz)		+379 / -979		

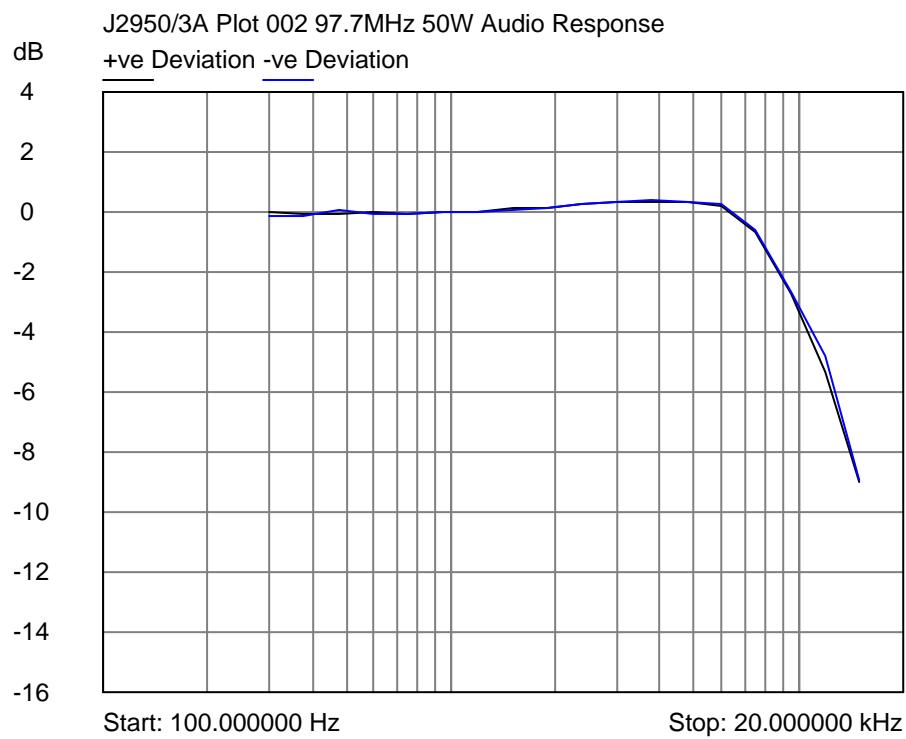
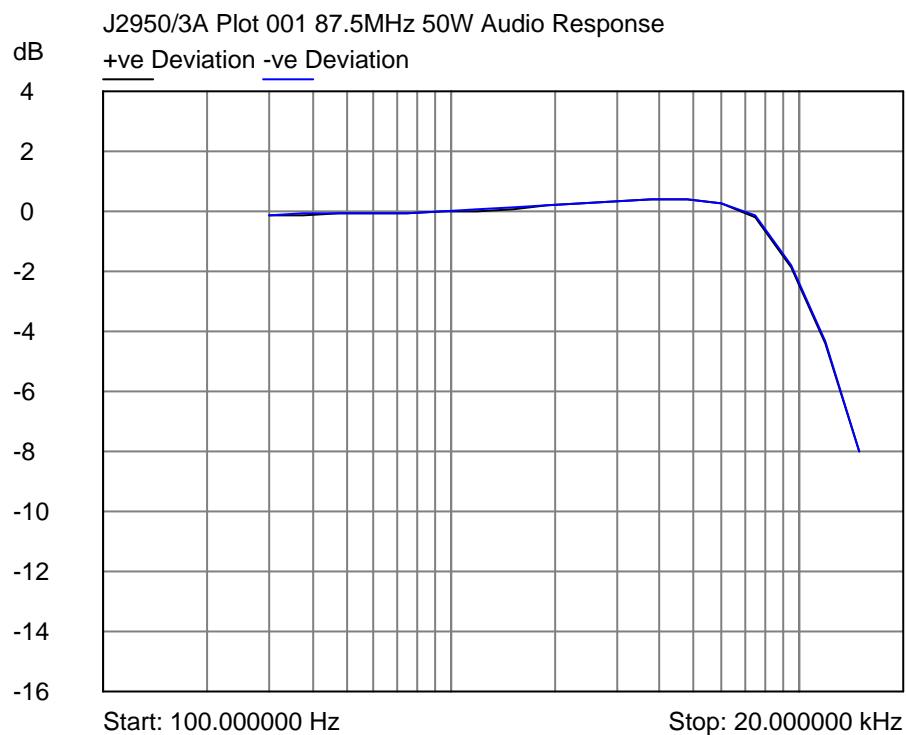
Limits for > 10 Watt transmitters +/- 2000 Hz from the assigned frequency.

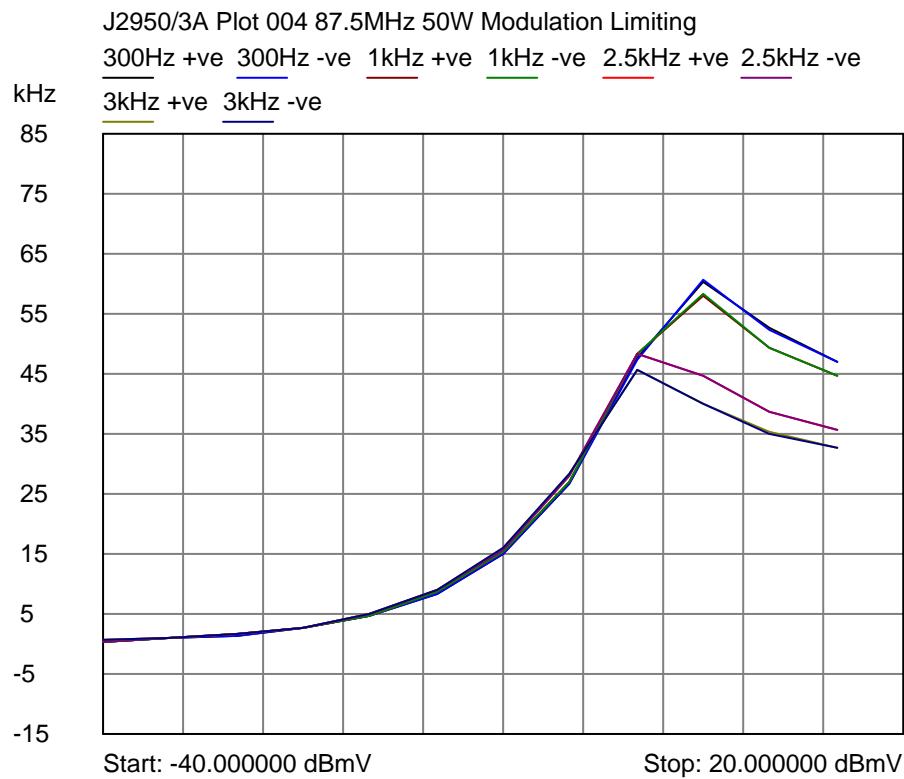
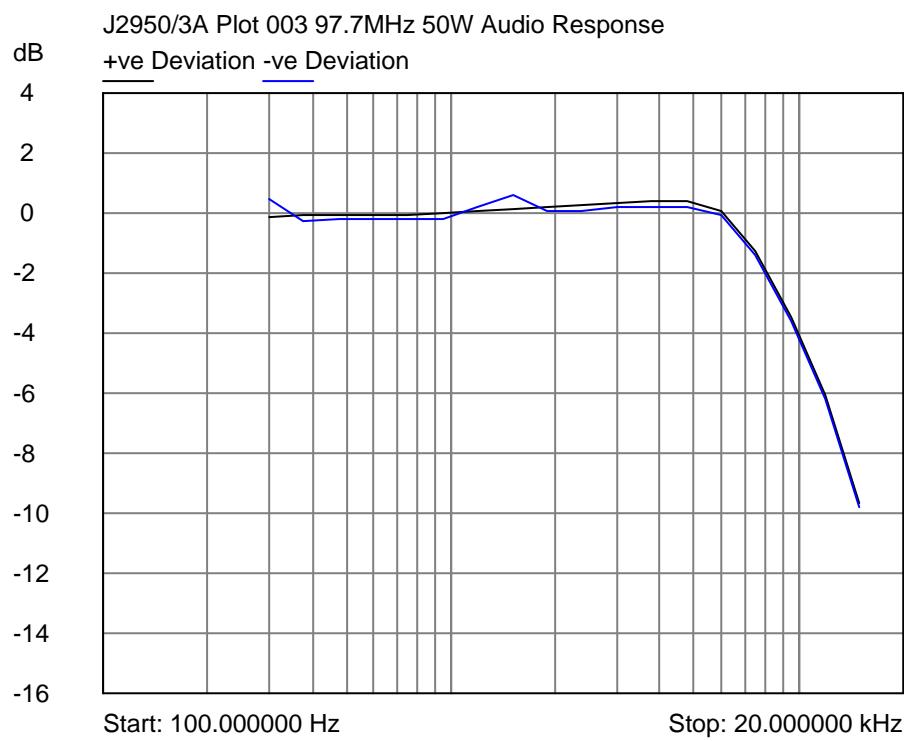
5.6.3 Test Equipment used

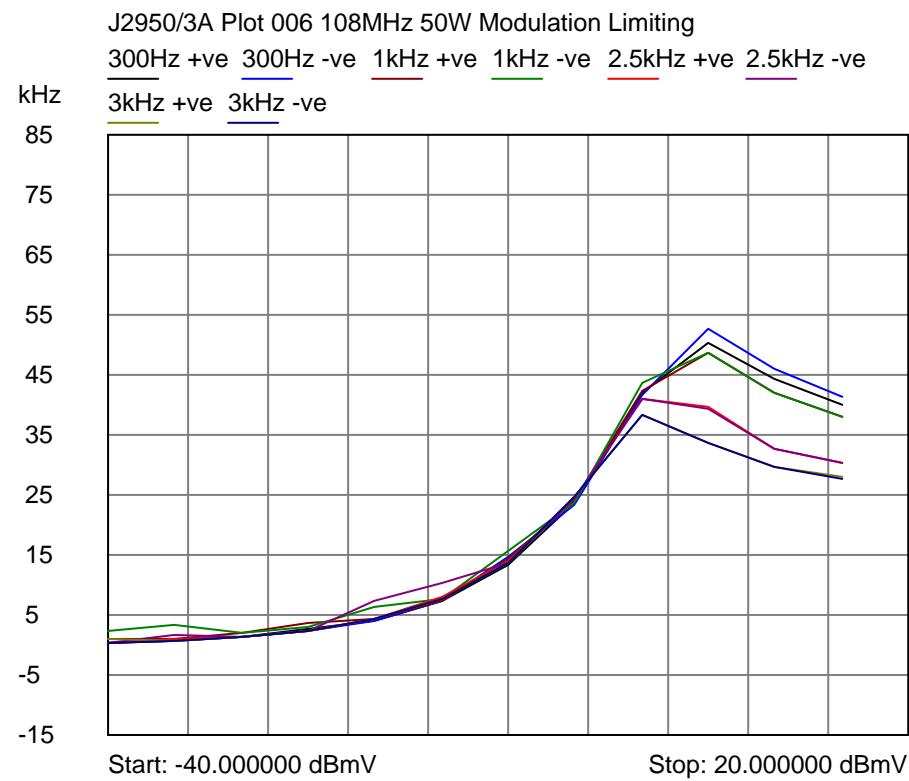
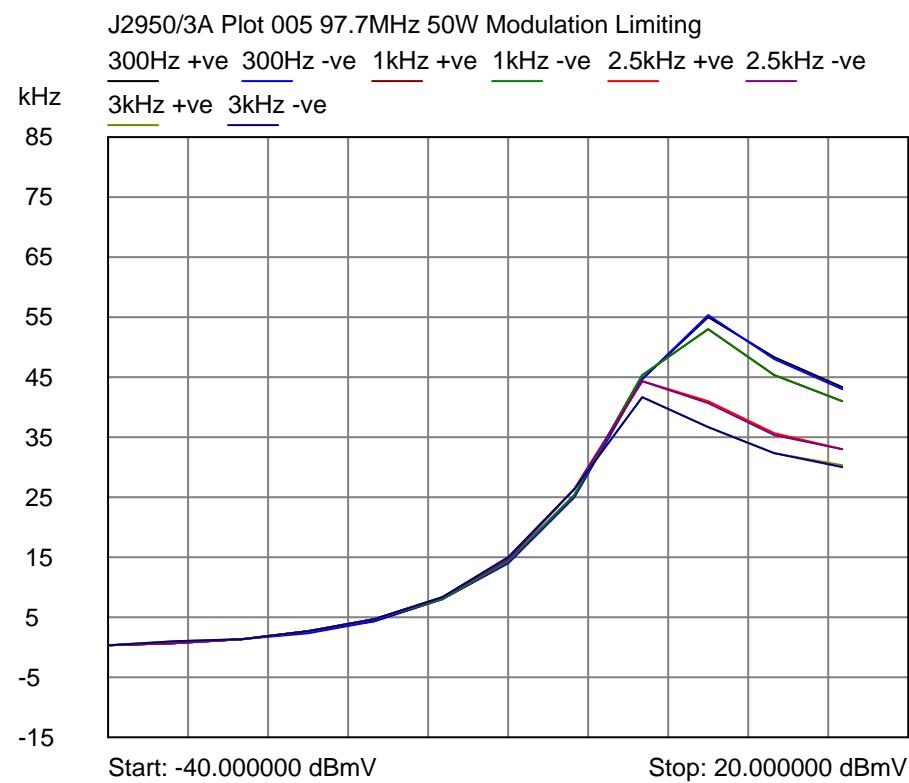
E2, TMS70, E257

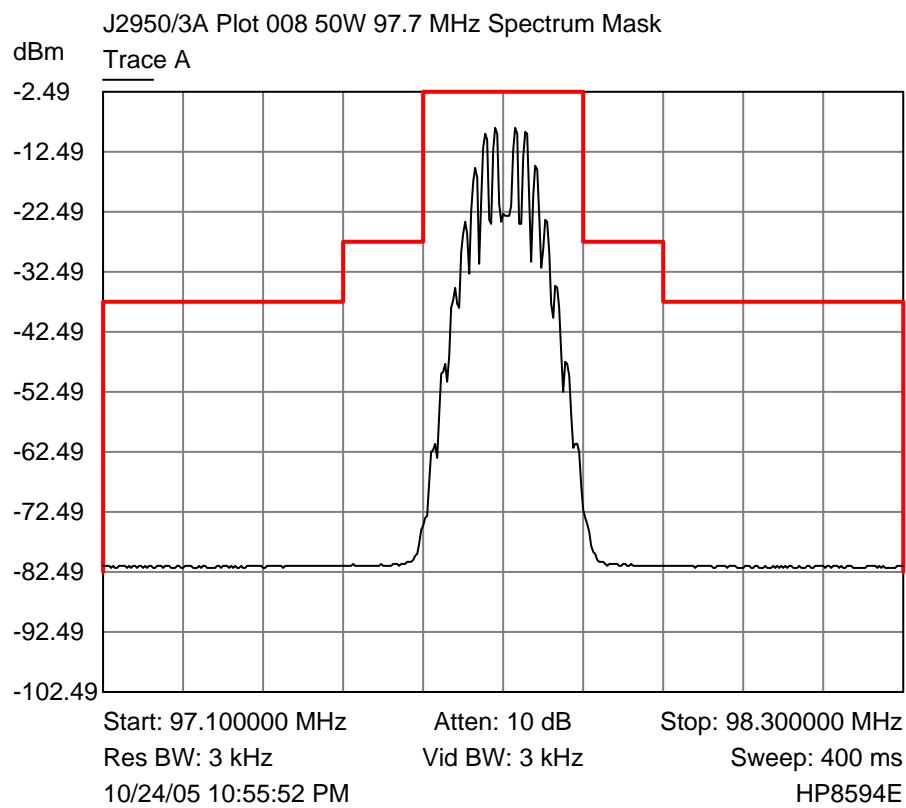
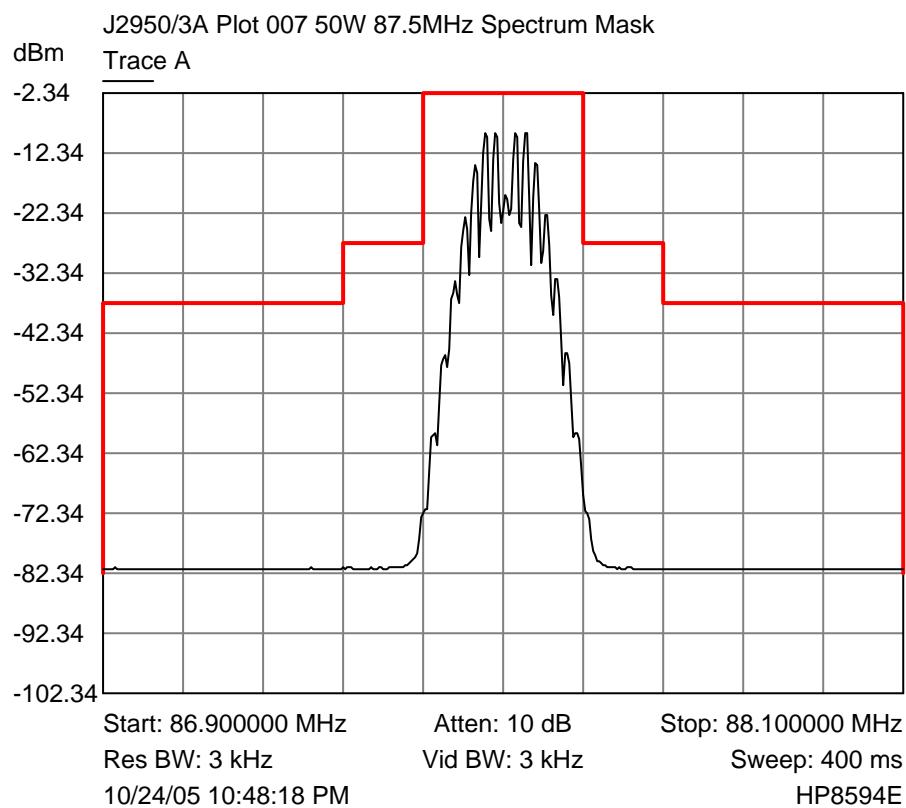
See Section 9 for more details

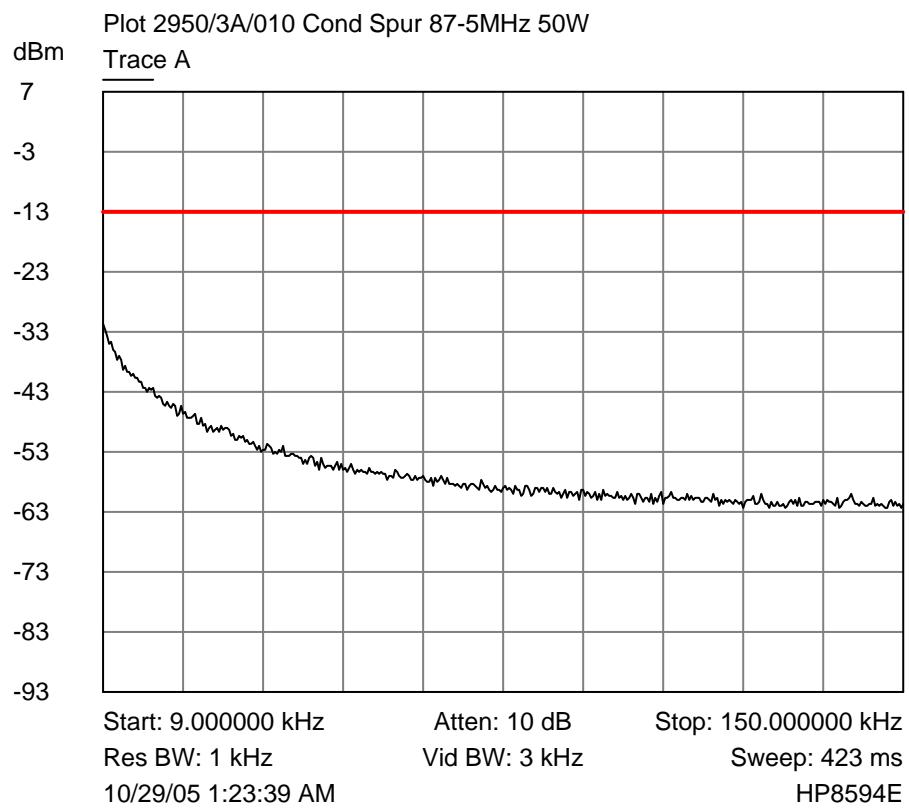
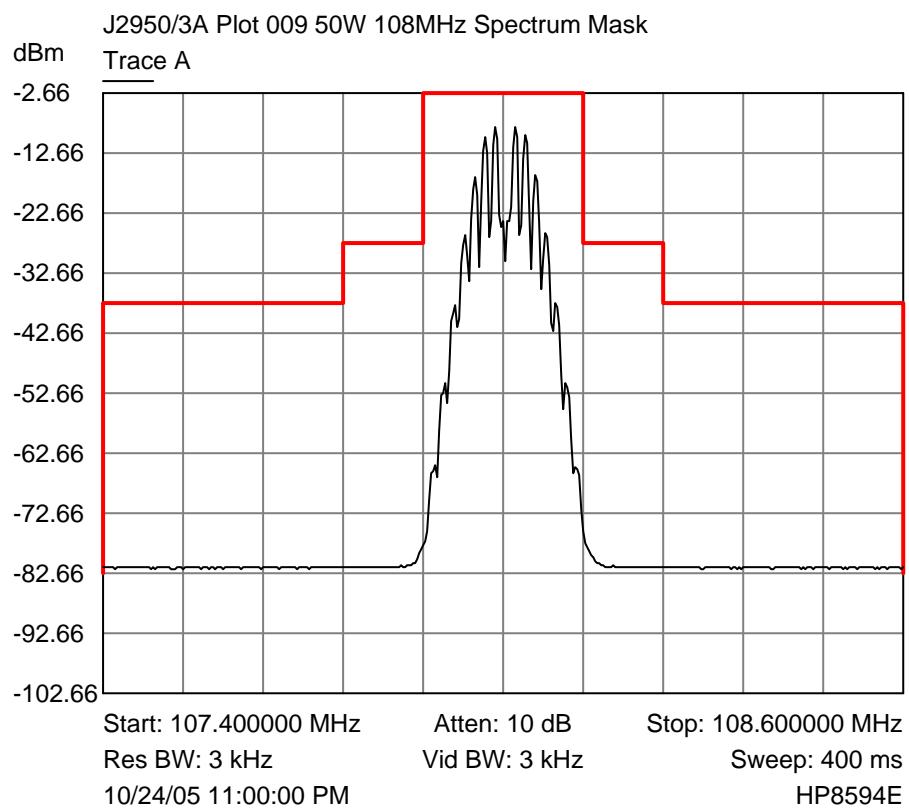
6. Graphical Results

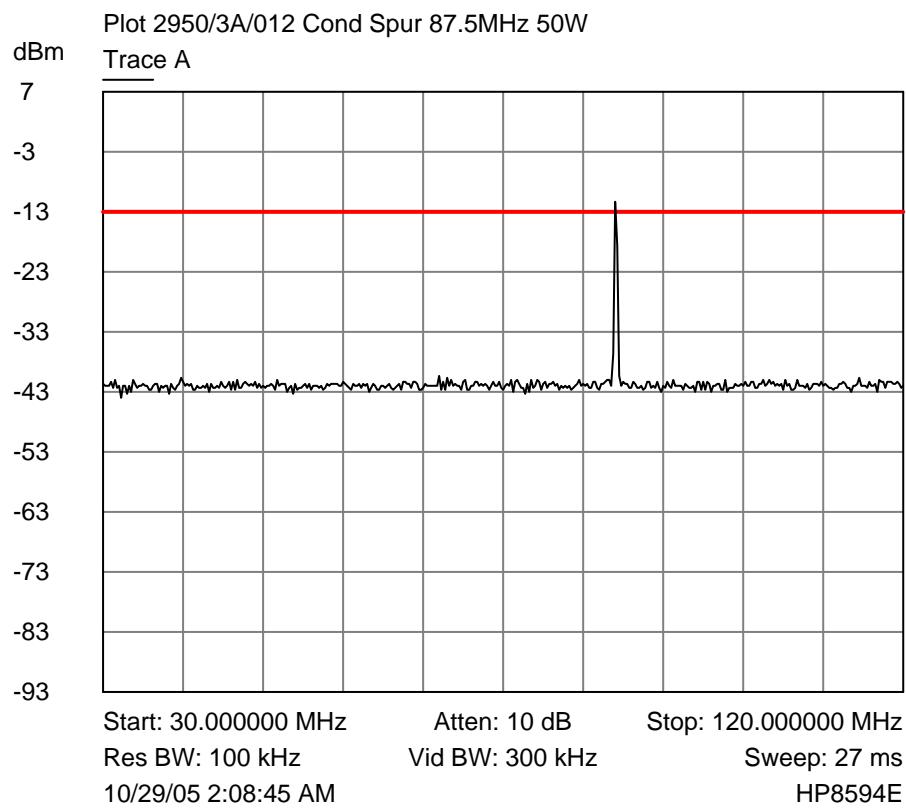
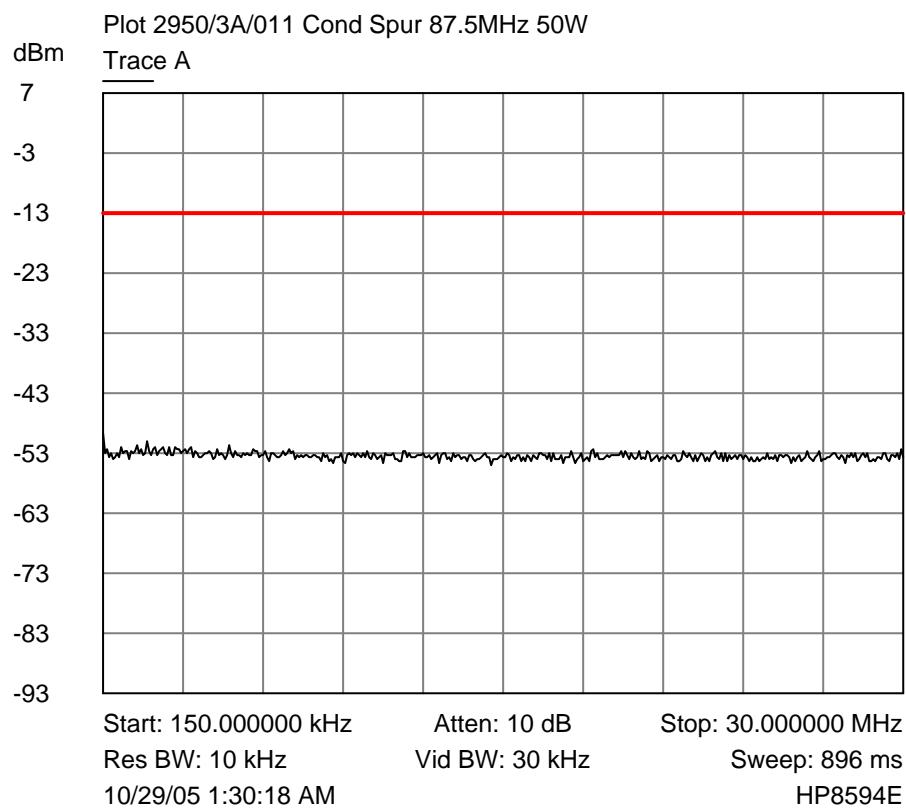


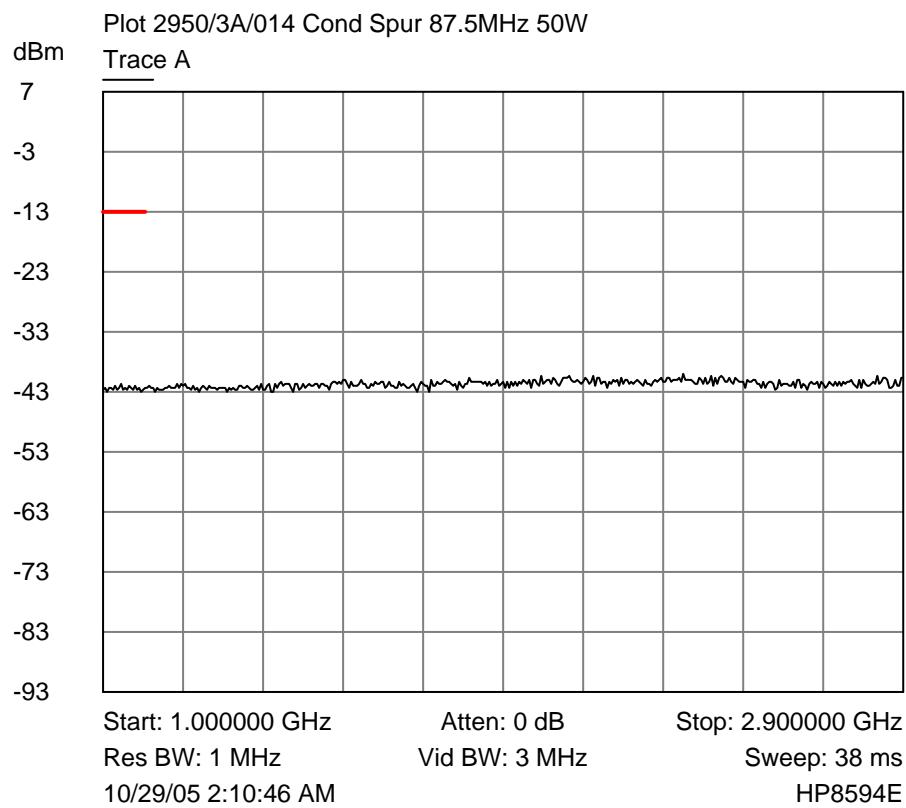
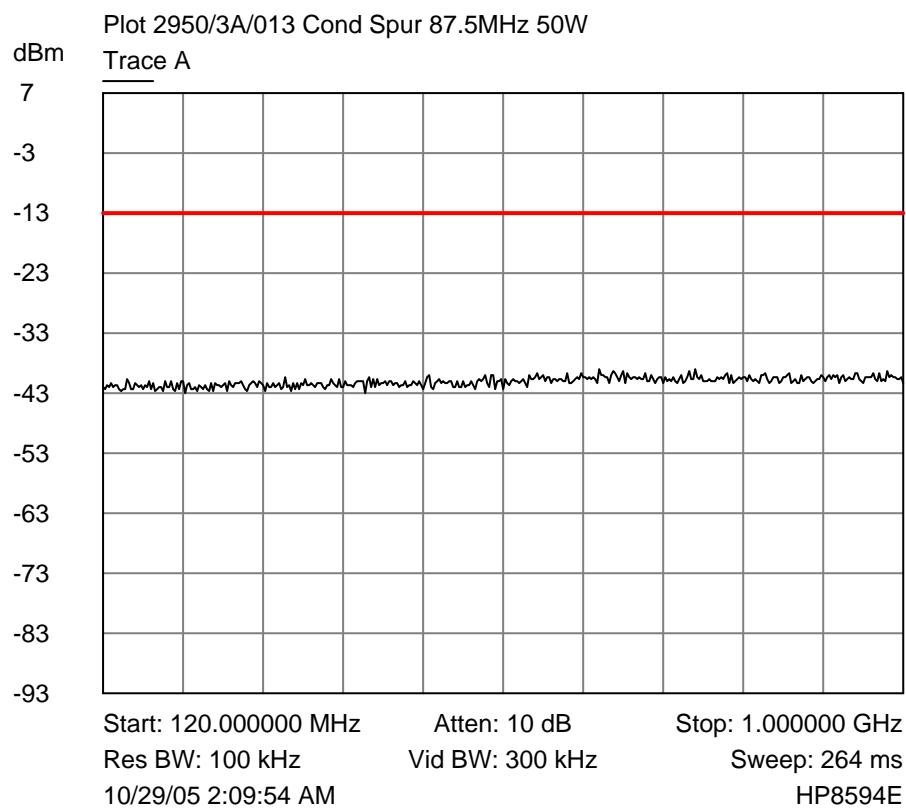


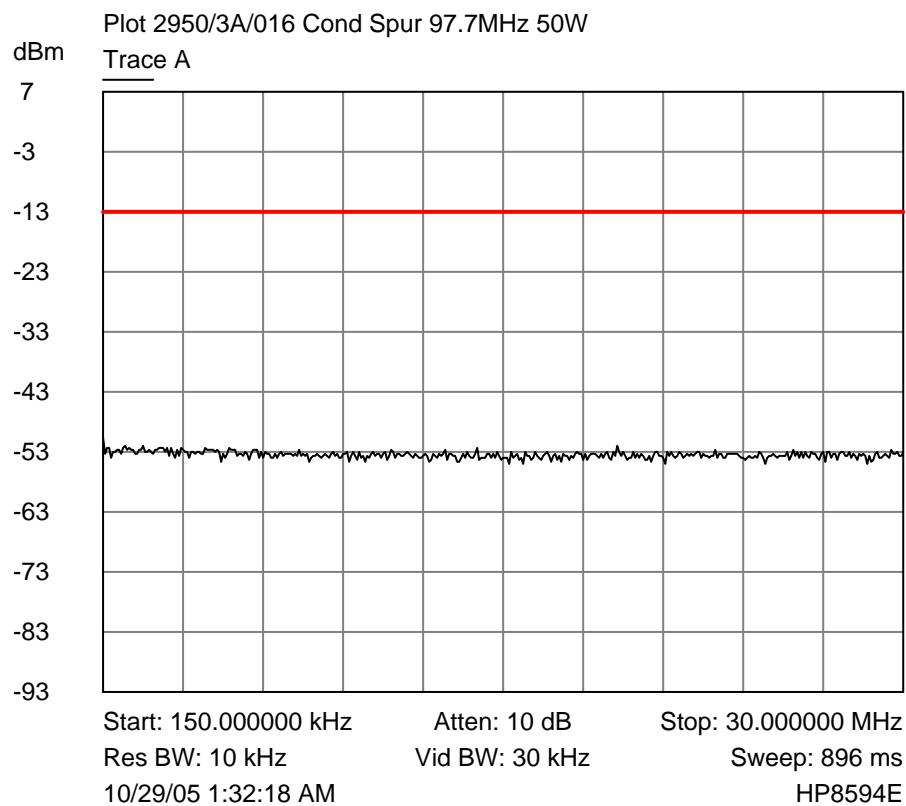
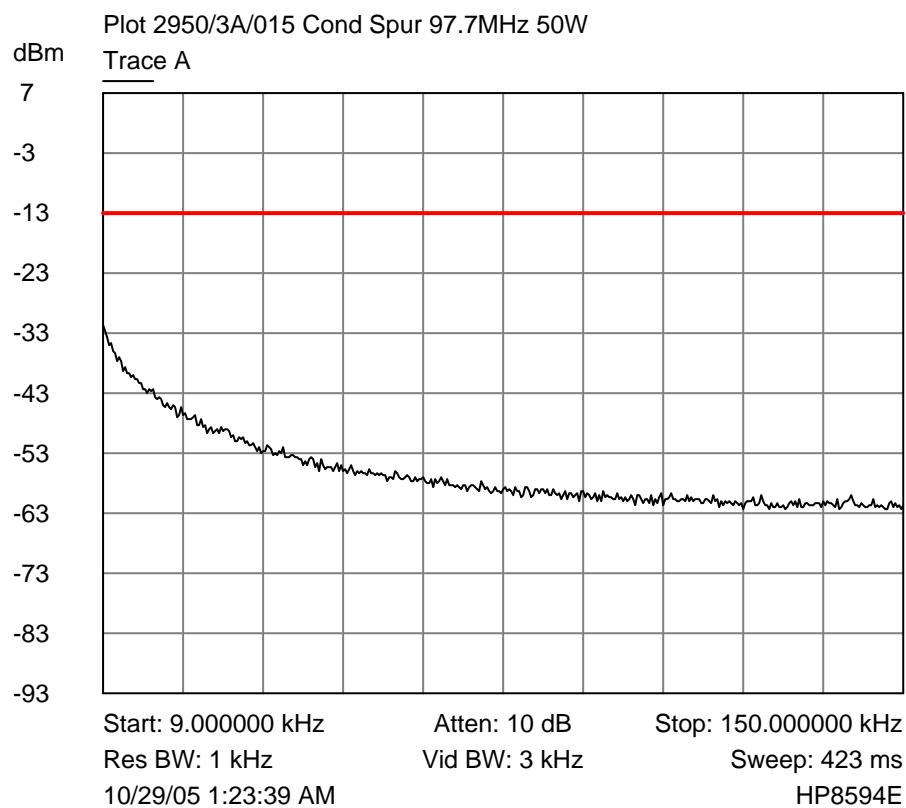


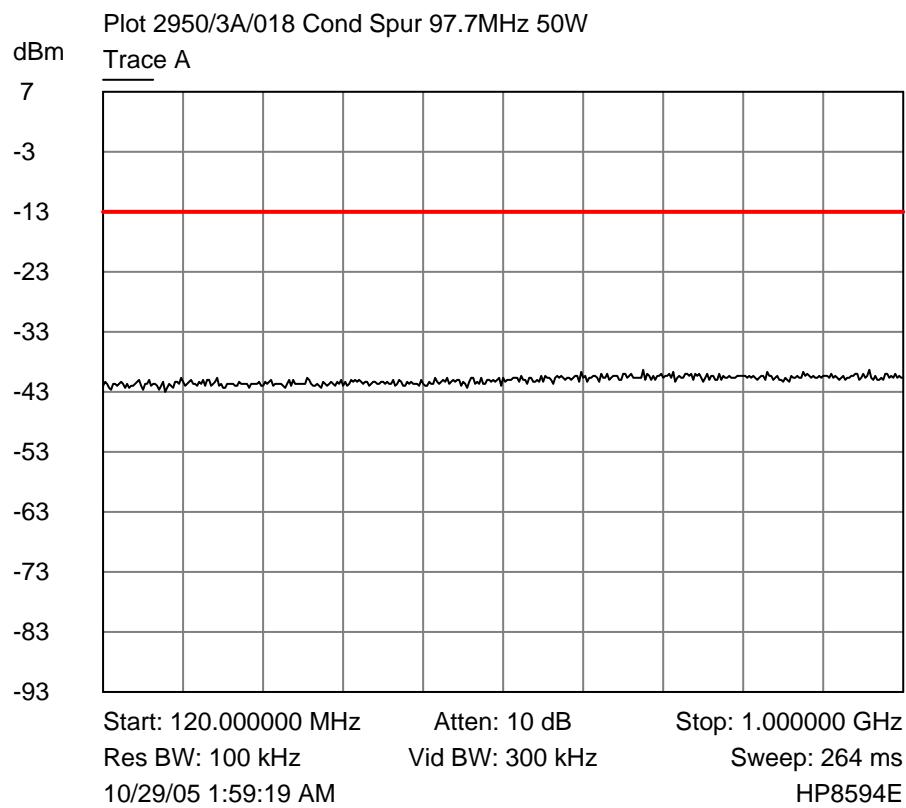
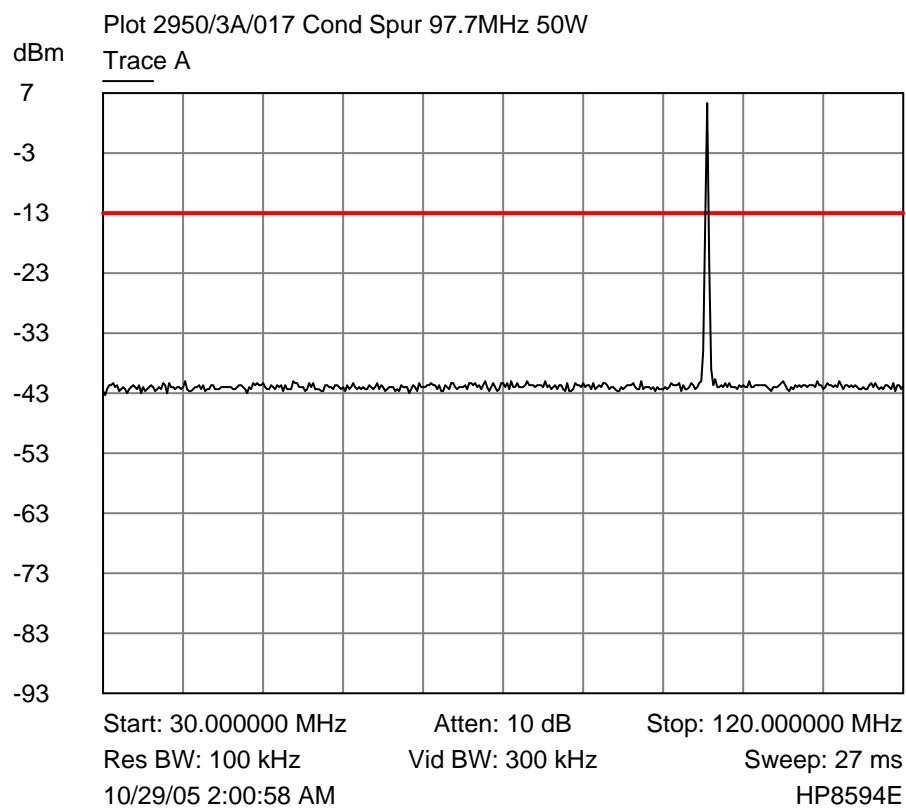


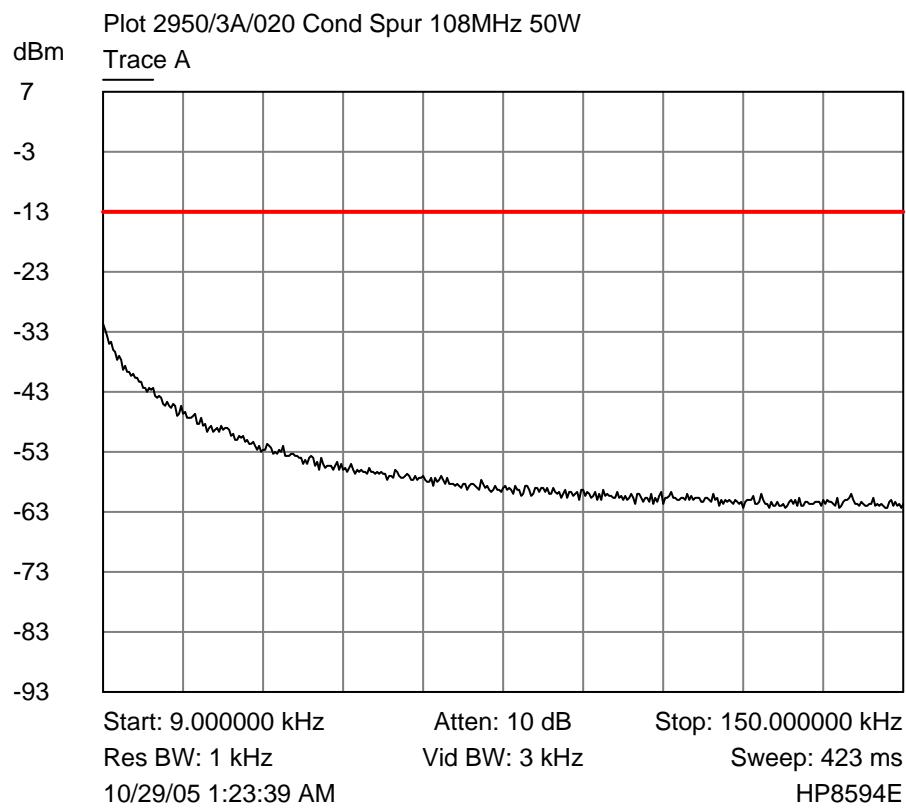
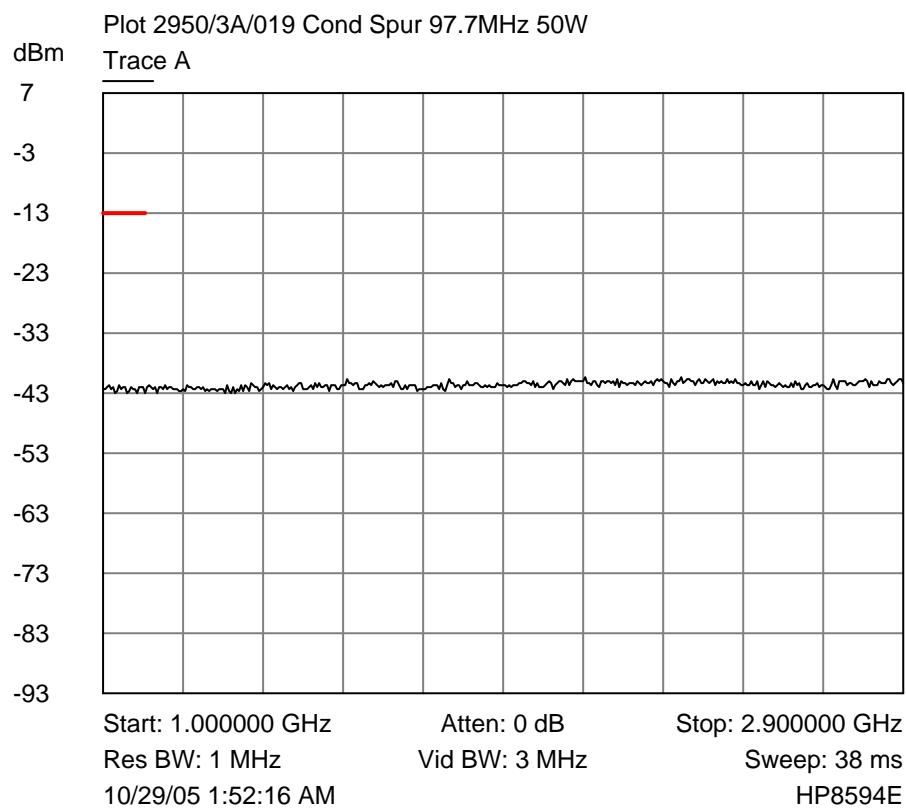


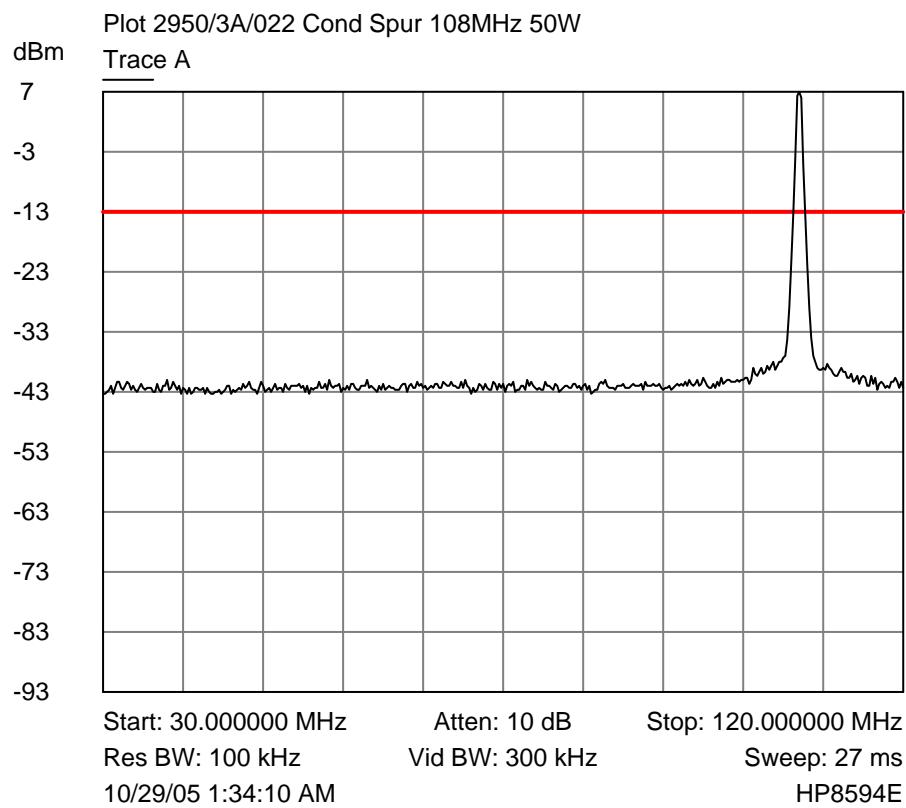
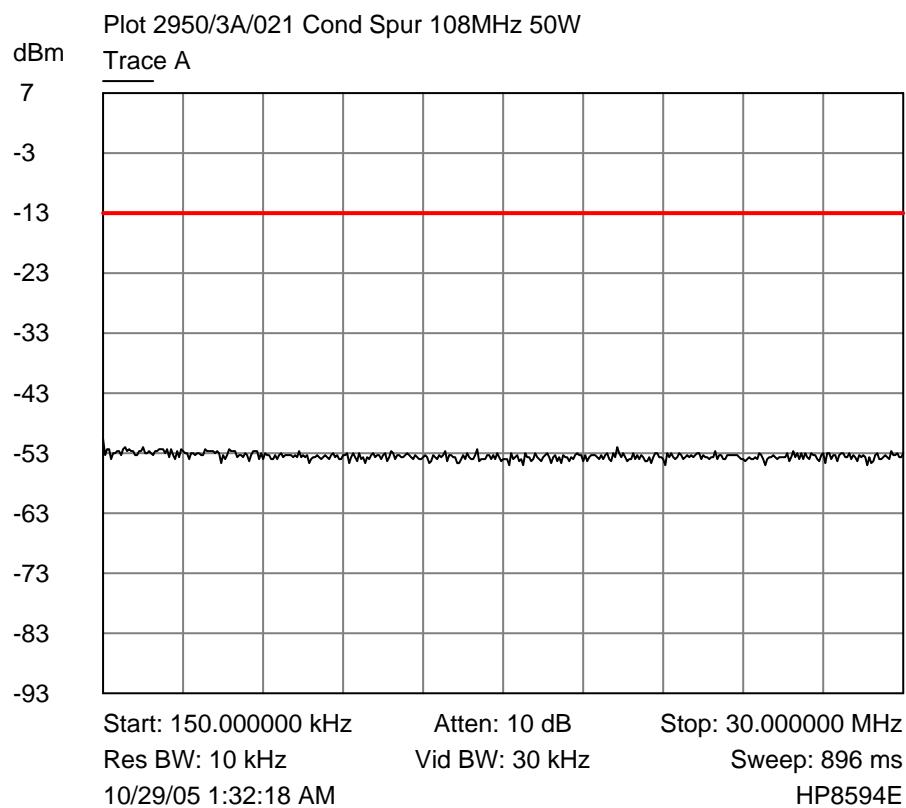


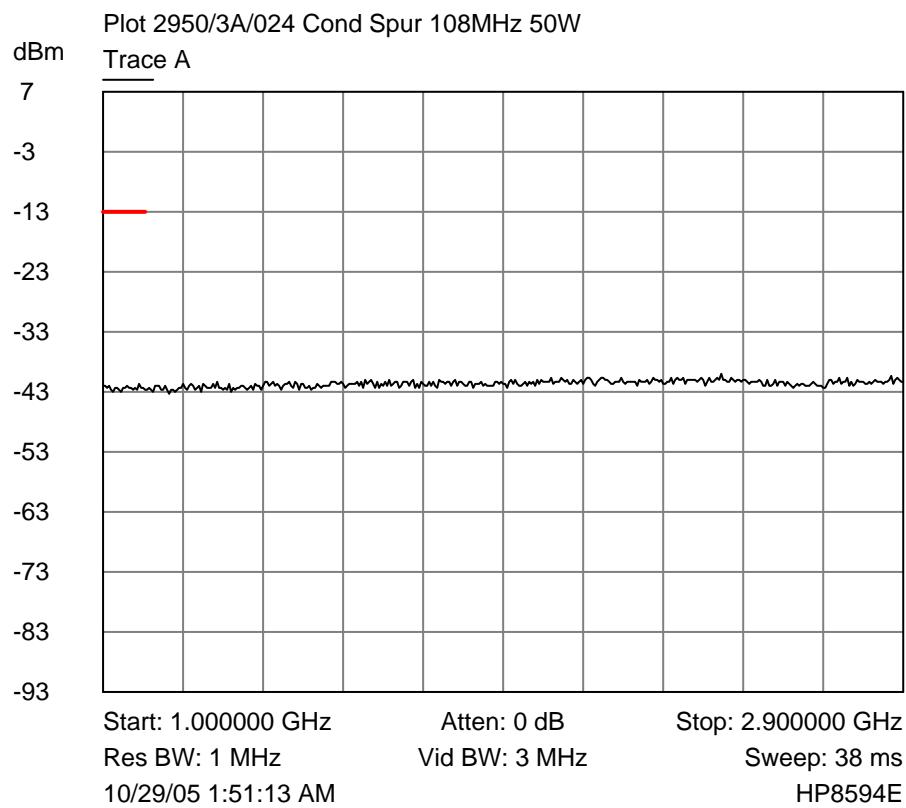
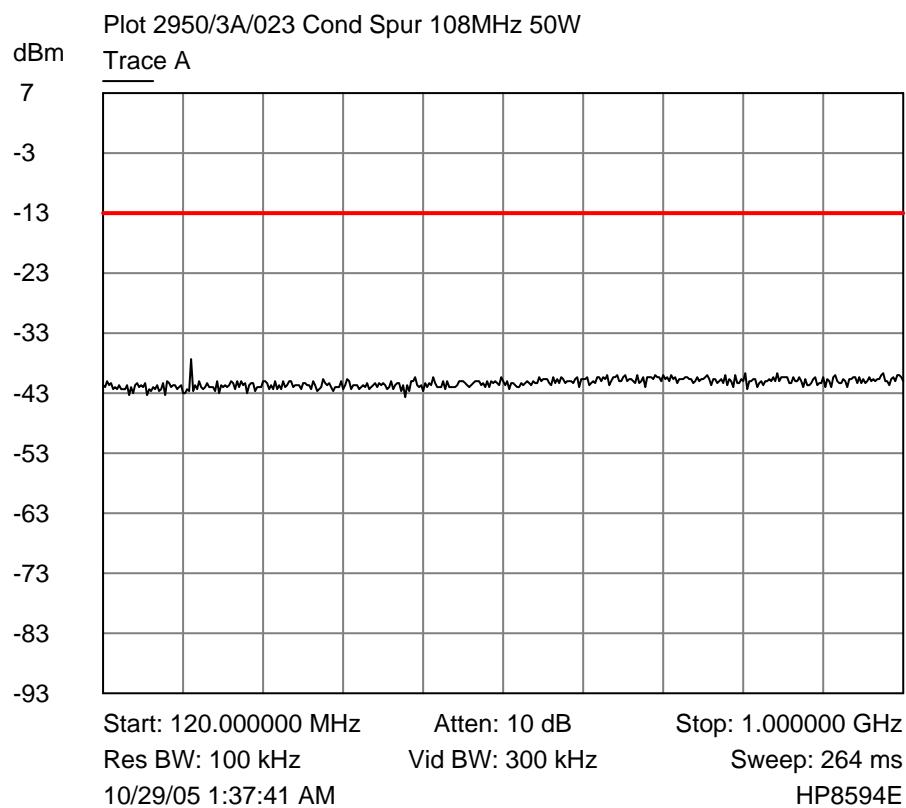








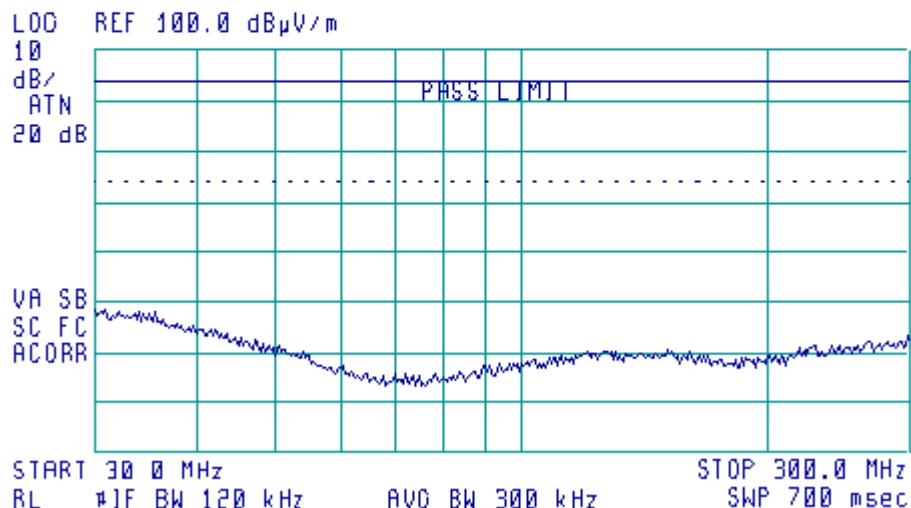




RADIATED EMISSION PLOT J2950/3A/025



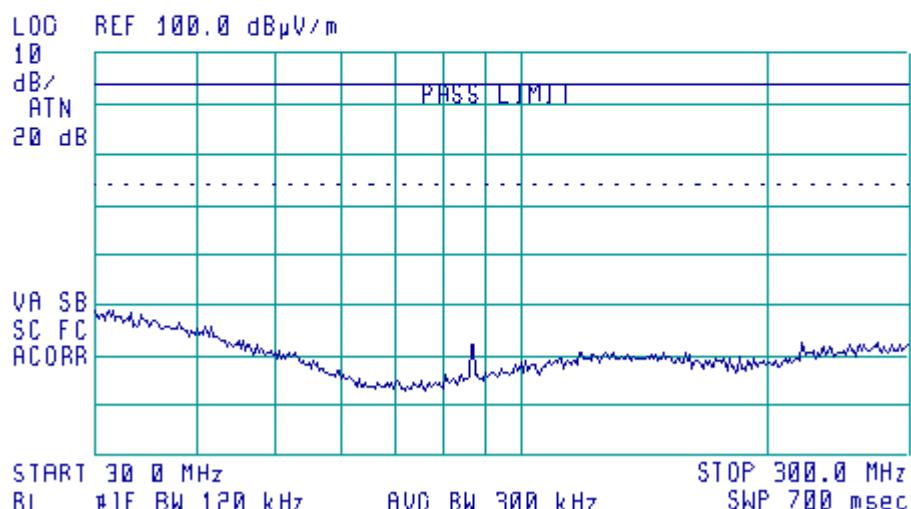
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ACTV DET: PEAK
MEAS DET: PEAK OP



RADIATED EMISSION PLOT J2950/3A/026



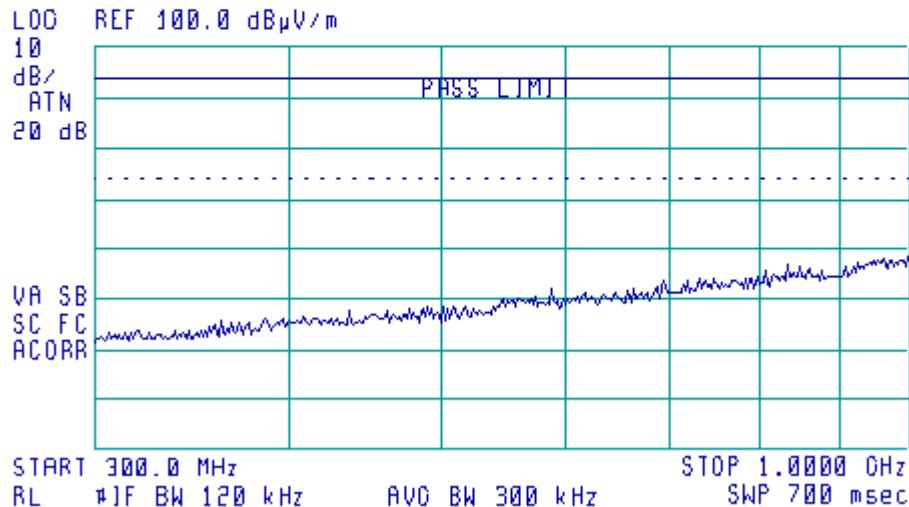
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MEAS DET: PEAK OP



RADIATED EMISSION PLOT J2950/3A/027



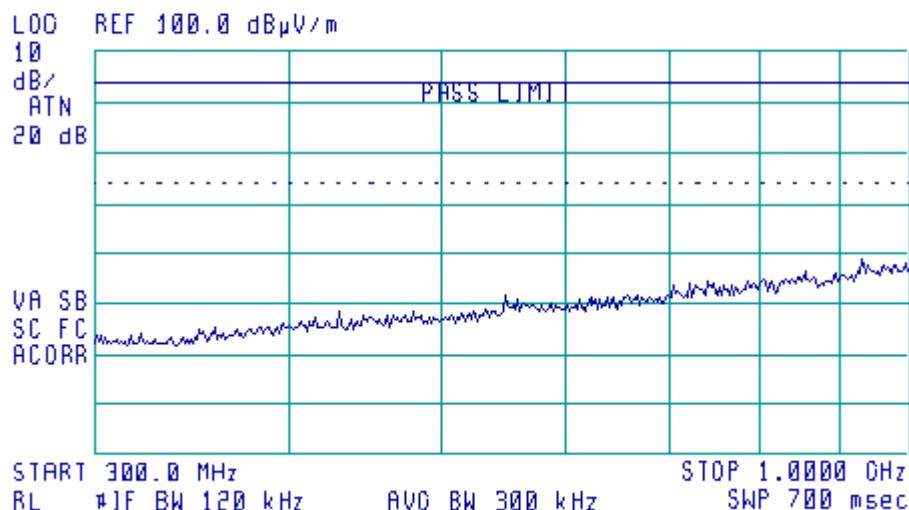
11:45:03 JUL 25, 2003 12:35:11 JAN 29, 2004
ACTV DET: PEAK
MEAS DET: PEAK OP



RADIATED EMISSION PLOT J2950/3A/028



11:45:03 JUL 25, 2003 12:35:11 JAN 29, 2004
ACTV DET: PEAK
MEAS DET: PEAK OP

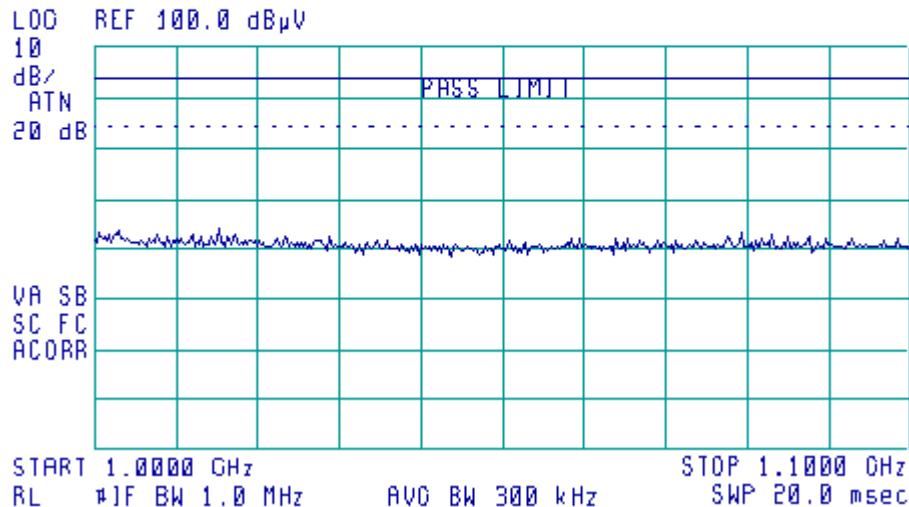


RADIATED EMISSION PLOT J2950/3A/029



16:21:21 FEB 03, 2005

ACTV DET: PEAK
MEAS DET: PEAK AVG

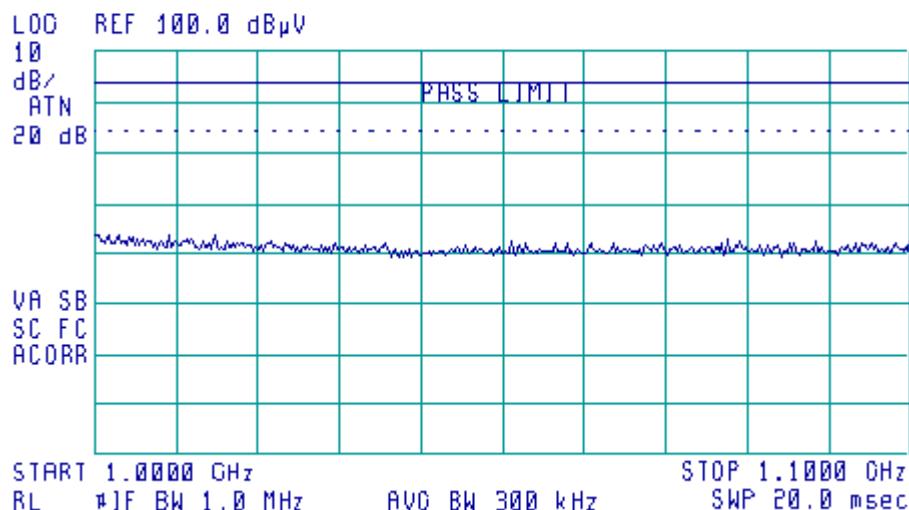


RADIATED EMISSION PLOT J2950/3A/030



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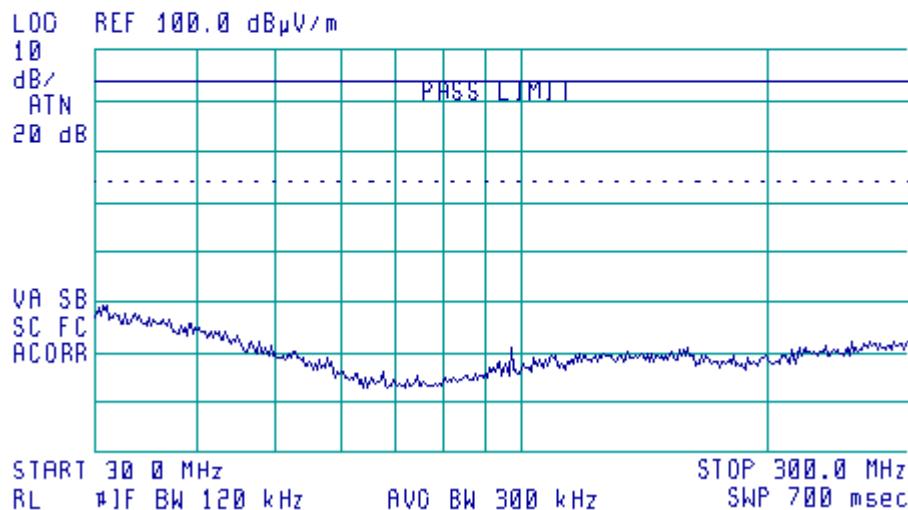
ACTV DET: PEAK
MEAS DET: PEAK AVG



RADIATED EMISSION PLOT J2950/3A/031



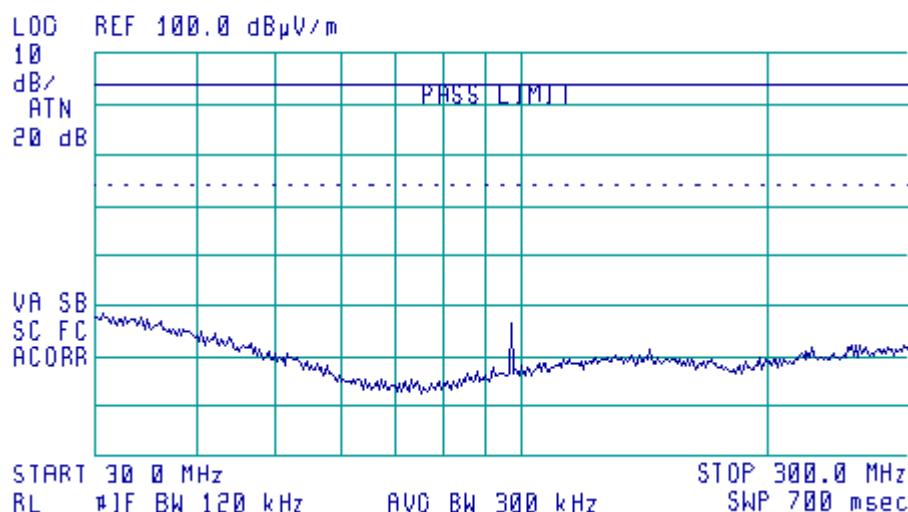
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ACTV DET: PEAK
MEAS DET: PEAK OP



RADIATED EMISSION PLOT J2950/3A/032



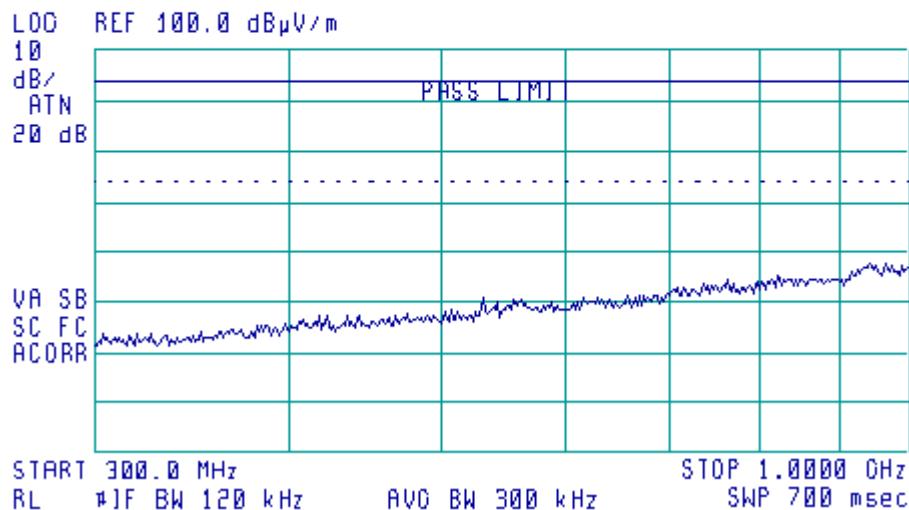
11:45:03 JUL 25, 2003 12:35:11 JAN 29, 2004
ACTV DET: PEAK
MEAS DET: PEAK OP



RADIATED EMISSION PLOT J2950/3A/033



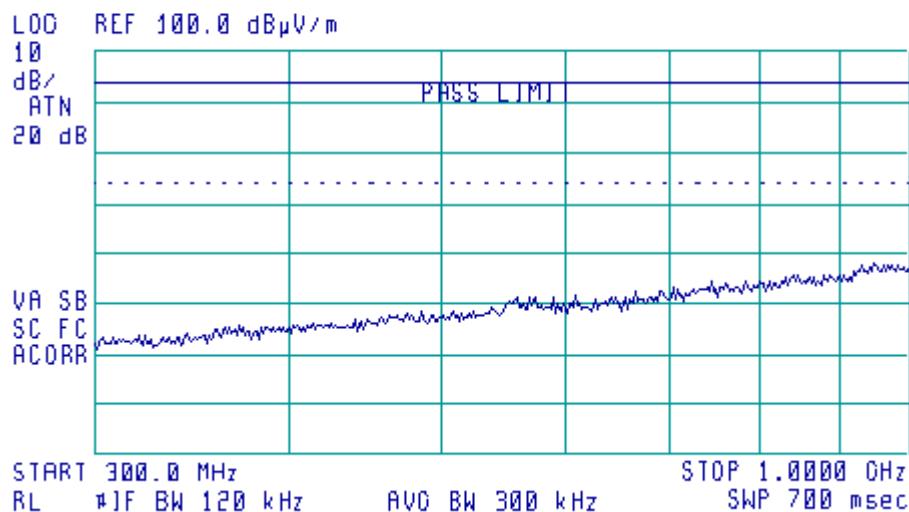
11:45:03 JUL 25, 2003 12:35:11 JAN 29, 2004
ACTV DET: PEAK
MEAS DET: PEAK OP



RADIATED EMISSION PLOT J2950/3A/034



11:45:03 JUL 25, 2003 12:35:11 JAN 29, 2004
ACTV DET: PEAK
MEAS DET: PEAK OP



RADIATED EMISSION PLOT J2950/3A/035



16:21:21 FEB 03, 2005

ACTV DET: PEAK
MEAS DET: PEAK AVG

LOG

REF 100.0 dB μ V

10

dB/
ATN

20 dB

PASS LIMIT

VA SB
SC FC
ACORR

START 1.0000 GHz

RL #IF BW 1.0 MHz

STOP 1.1000 GHz

SWP 20.0 msec

AVG BW 300 kHz

RADIATED EMISSION PLOT J2950/3A/036



16:21:21 FEB 03, 2005

ACTV DET: PEAK
MEAS DET: PEAK AVG

LOG

REF 100.0 dB μ V

10

dB/
ATN

20 dB

PASS LIMIT

VA SB
SC FC
ACORR

START 1.0000 GHz

RL #IF BW 1.0 MHz

STOP 1.1000 GHz

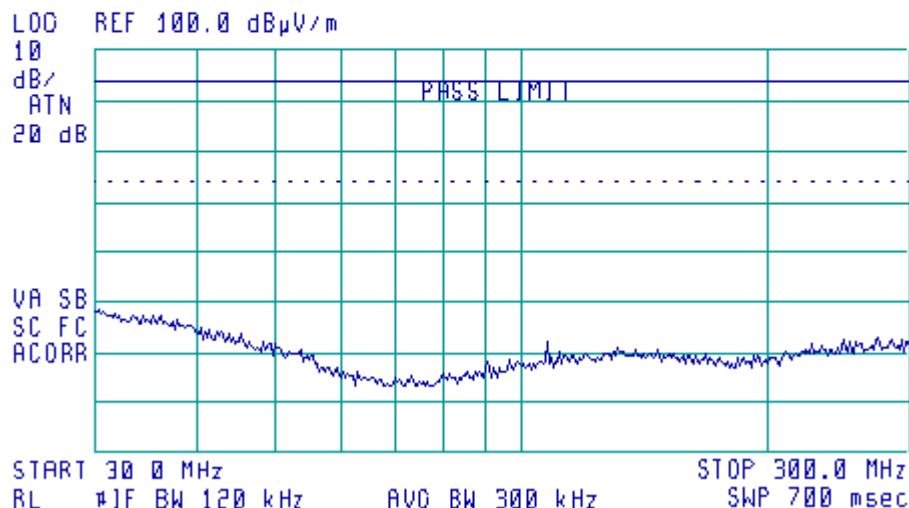
SWP 20.0 msec

AVG BW 300 kHz

RADIATED EMISSION PLOT J2950/3A/037



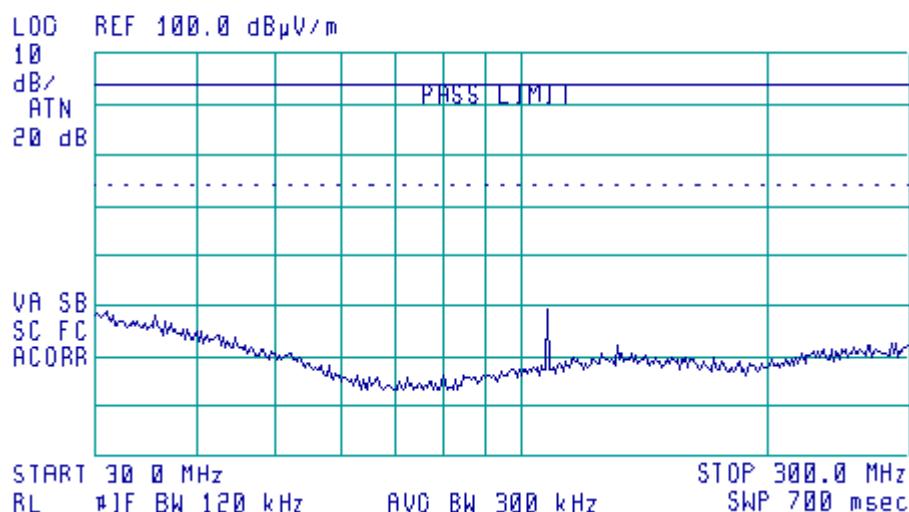
11:45:03 JUL 25, 2003 12:35:11 JAN 29, 2004
ACTV DET: PEAK
MEAS DET: PEAK QP



RADIATED EMISSION PLOT J2950/3A/038



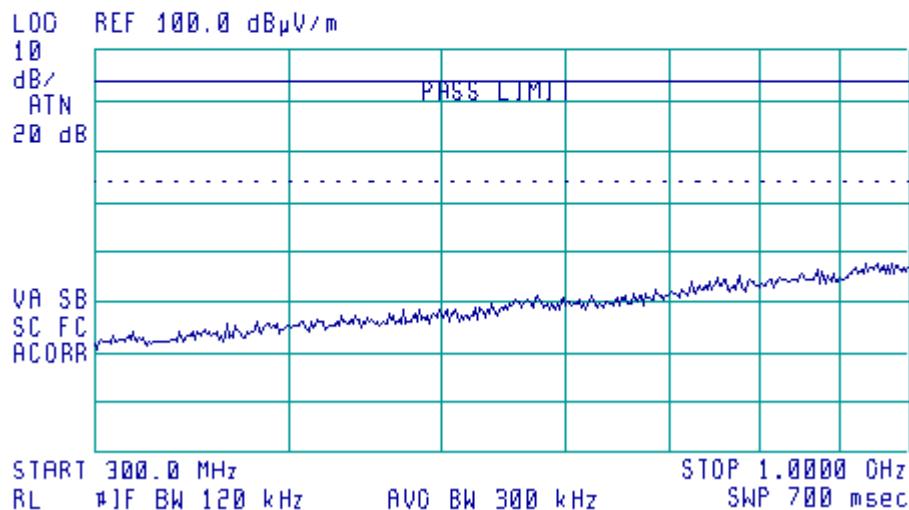
11:45:03 JUL 25, 2003 12:35:11 JAN 29, 2004
ACTV DET: PEAK
MEAS DET: PEAK QP



RADIATED EMISSION PLOT J2950/3A/039



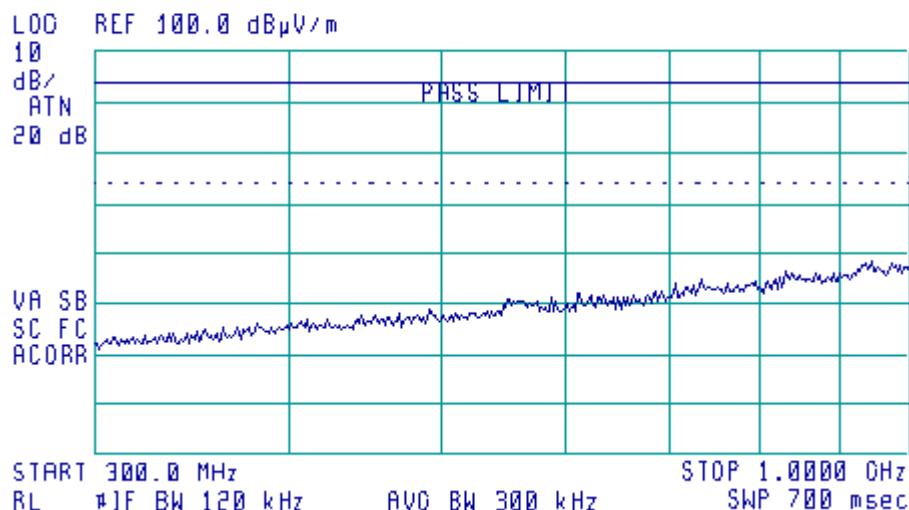
11:45:03 JUL 25, 2003 12:35:11 JAN 29, 2004
ACTV DET: PEAK
MEAS DET: PEAK OP



RADIATED EMISSION PLOT J2950/3A/040



11:45:03 JUL 25, 2003 12:35:11 JAN 29, 2004
ACTV DET: PEAK
MEAS DET: PEAK OP

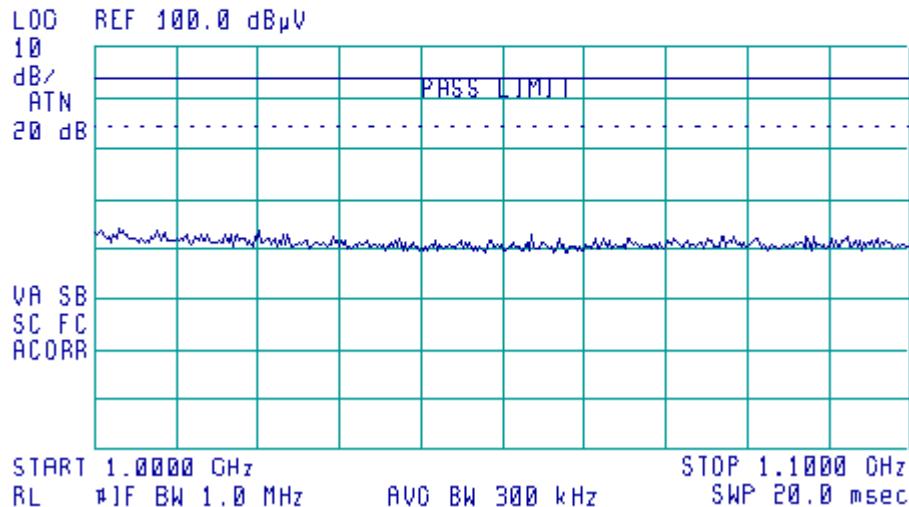


RADIATED EMISSION PLOT J2950/3A/041



16:21:21 FEB 03, 2005

ACTV DET: PEAK
MEAS DET: PEAK AVG

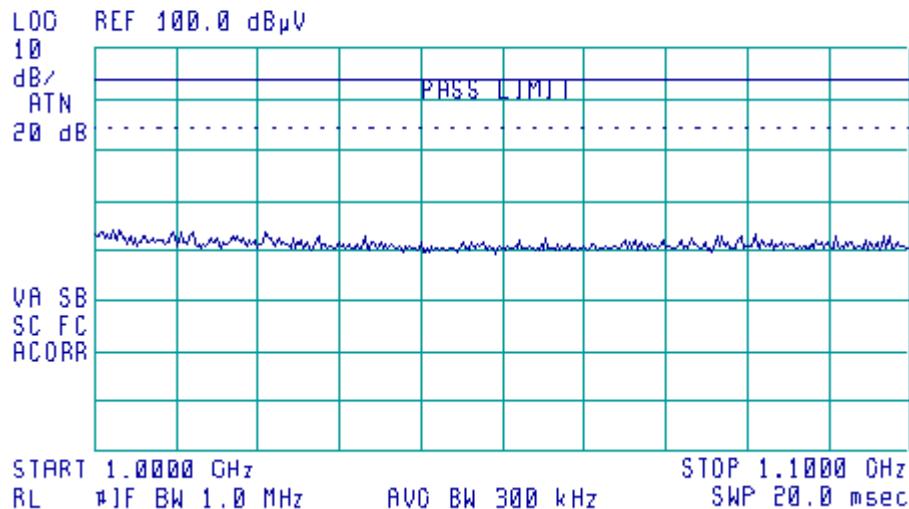


RADIATED EMISSION PLOT J2950/3A/042



16:21:21 FEB 03, 2005

ACTV DET: PEAK
MEAS DET: PEAK AVG



7. Photographs

7.1 EUT Front View



7.2 EUT Reverse Angle



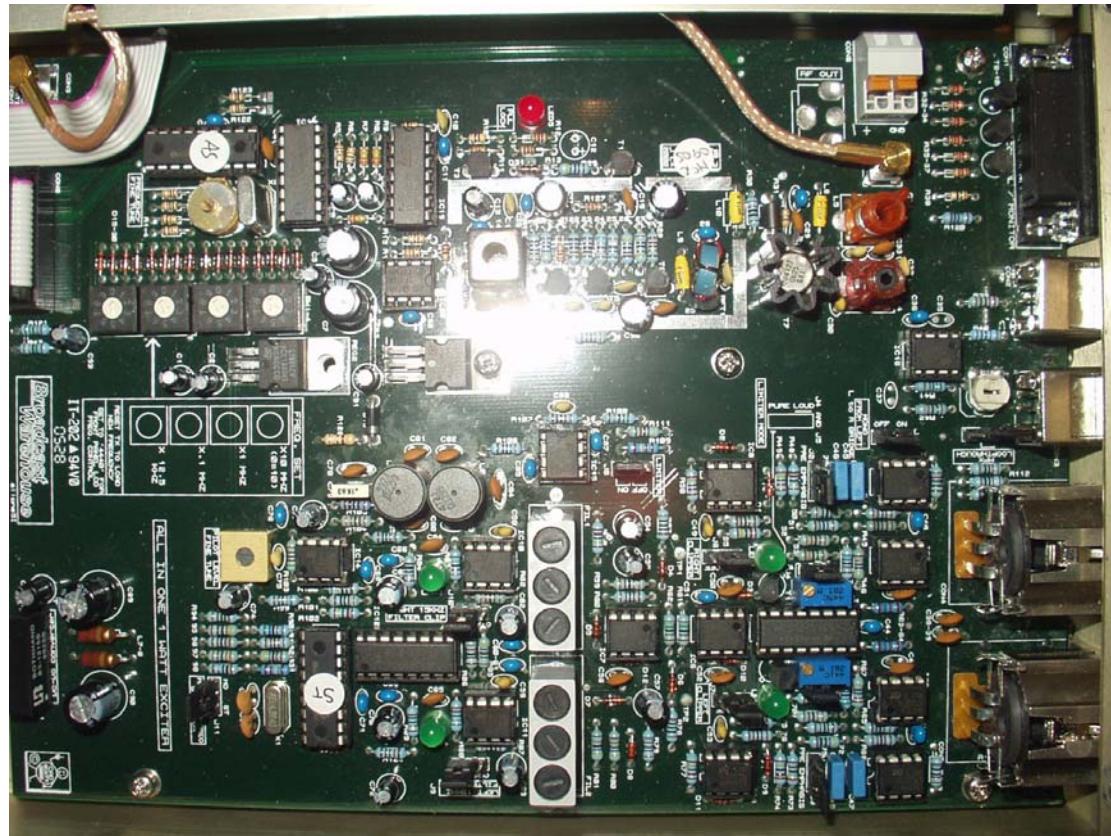
7.3 EUT Antenna Connector Port

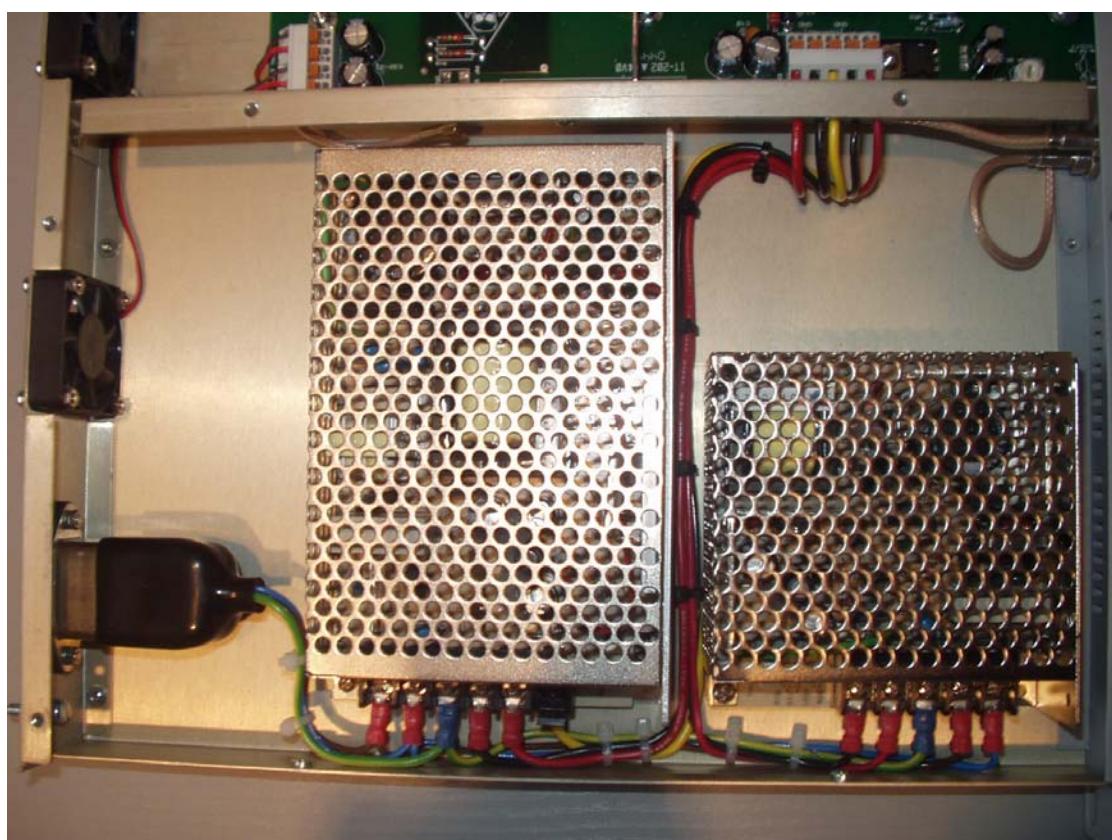
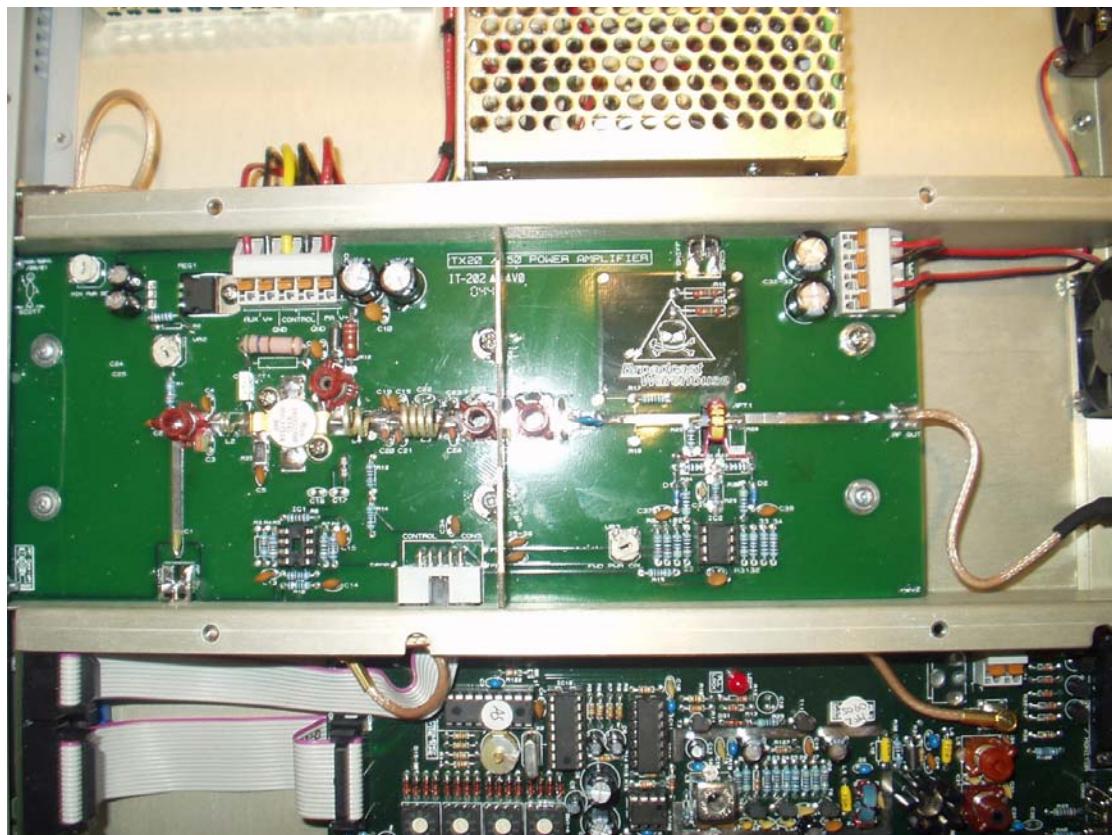


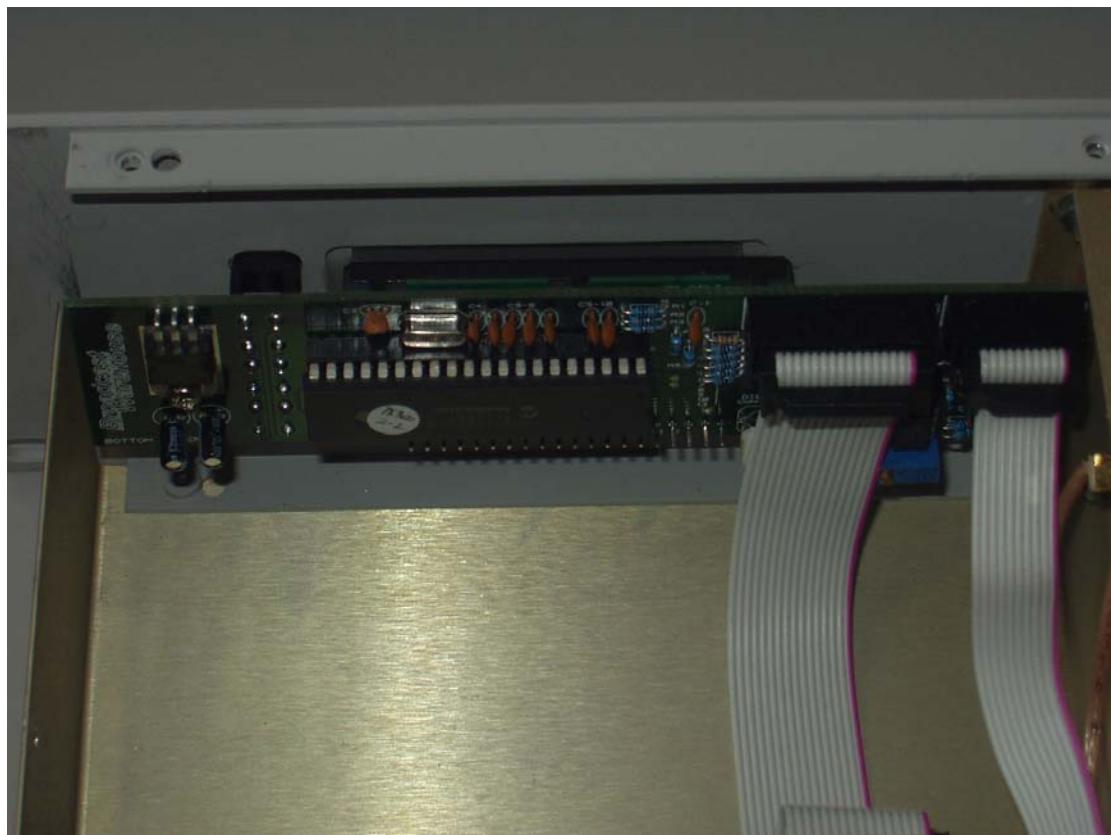
7.4 EUT Display / Controls



7.5 EUT Internal Construction







7.6 EUT Identification Label



7.7 EUT Chassis



7.8 Test set-up, spurious emissions

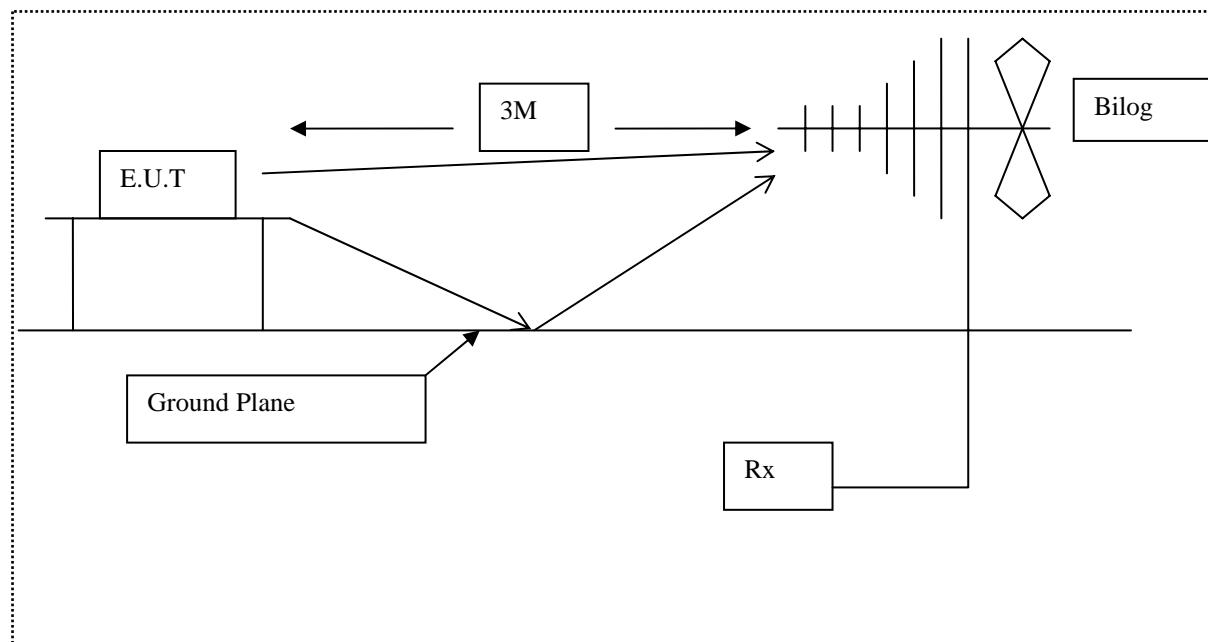


Diagram of the radiated emissions test setup.

8. Signal Leads

Port Name	Cable Type	Length Used
Mains	three point IEC connection	2m
RF output	N-type antenna port	2m
I/O control	RS232 to PC programme	5m
Baseband In	internally connected	n/c
Baseband Out	internally connected	n/c
Left	XLR mono audio	5m
Right	XLR stereo audio	1m
Earth	earth strap	n/c
RF Mon	BNC monitoring port	n/c
MOD Mon	BNC monitoring port	n/c

9. Test Equipment Calibration list

The Following is a list of the test equipment currently in use at **R.N. Electronics Ltd.** EMC test facility. In line with our procedures, to meet the requirements of ISO 9001, the equipment used will be within calibration for the period during which testing was carried out.

RNNo	Model	Description	Manufacturer
C016	OFS-1A	Off Air Frequency Standard	Halcyon
C031	437B	Power Meter	Hewlett Packard
C032	8482A	Power Sensor	Hewlett Packard
E2	HP8594E	Spectrum Analyser + EMC S/ware	Hewlett Packard
E226	8546A	EMI Receiver	Hewlett Packard
E257	6820.17.A	20 dB Attenuator	Huber & Suhner
TMS10	TH200	ThermoHygrometer	RS Components
TMS208		6 dB splitter	Suhner
TMS48	8901B	Modulation Analyser	Hewlett Packard
TMS55	8903B	Audio Analyser	Hewlett Packard
TMS69	R3271	Spectrum Analyser	Advantest
TMS70	8323	30 dB Attenuator 100W	Bird
TMS86	25-A-MFN-20	20 dB Attenuator	Bird
TMS933	CBL6141A	Bilog Antenna 30MHz - 2GHz	York EMC

10. Auxiliary Equipment

10.1 Supplied by Broadcast Warehouse

Auxiliary equipment used for the purpose of test supplied by the above has been listed below

Manufacturer	Description	Model Number	Serial Number
Broadcast warehouse	PC control software		

10.2 Supplied by RN Electronics Limited

Auxiliary equipment used for the purpose of test supplied by the above has been listed below

RN Number	Manufacturer	Description	Model Number	Serial Number
none				

11. Modifications

In order for the EUT to produce the results shown within this report the following modifications, if any, were implemented.

- Additional screws fitted along centre line at front of lid, and at front of base.
- C12 removed.



Certificate of Test

The equipment noted below has been tested by **R.N. Electronics Limited** and conforms with the relevant subpart of chapter 47 of the Code of Federal Regulations tested per 47CFR2 subpart J.

This certificate relates to the equipment, as identified by unique serial number(s) and further detailed in the referenced report, in the condition(s) at the time it was tested. It does not relate to any other similar equipment and performance of the product before or after the test cannot be guaranteed. Furthermore, this is a certificate of test only and should not be confused with an equipment authorisation.

Equipment:	FM Broadcast Transmitter
Model Number:	TX 25/50
Unique Serial Number:	not stated
Manufacturer:	Broadcast Warehouse Limited
Customer Purchase Order Number:	not stated
R.N. Electronics Limited Report Number:	10-058/2950/3A/05
Test Standards:	CFR 47 FCC Part 2 subpart J : Oct 2005 ↳ CFR 47 FCC Part 73 subpart B : Oct 2005 ↳ CFR 47 FCC Part 73 subpart H : Oct 2005
Date:	21 - 31 Oct 2005
The measurement uncertainty gives a 95% confidence that the equipment meets the limits specified in the standards	
For and on behalf of R.N. Electronics Limited	
Signature:	Technical Manager

QMF21J - 3; FCC CFR 47 PART 2 J OCT 2004; ISSUE 01 OCT 05