

FCC ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT CERTIFICATION TO FCC PART 15 REQUIREMENTS

for

INTENTIONAL RADIATOR

of

CAR ALARM TRANSCEIVER

FCC ID Number : NJQTR300A

Trade Name : WINTEC

Model Number : LTR300A

Agency Series : N/A

Report Number : 02E0467-D

Date : October 14, 2002

Prepared for :

Wintecronics Co., Ltd.

**No. 716, 11F-3, Jung Jeng Rd., Chung Ho City 235,
Taipei Hsien, Taiwan, R. O. C.**

Prepared by :

C&C LABORATORY, CO., LTD.

**#B1, 1st Fl., Universal Center,
No. 183, Sec. 1, Tatung Rd., Hsi Chih,
Taipei Hsien, Taiwan, R.O.C.**

TEL: (02)8642-2071~3

FAX: (02)8642-2256



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1. VERIFICATION OF COMPLIANCE

COMPANY NAME : Wintecronics Co., Ltd.
No. 716, 11F-3, Jung Jeng Rd., Chung Ho City 235,
Taipei Hsien, Taiwan, R. O. C.

CONTACT PERSON : Ray Ho / Asst. Manager R&D Dept

TELEPHONE NO. : (886-2) 8227-3601

EUT DESCRIPTION : CAR ALARM TRANSCEIVER

MODEL NAME/NUMBER : LTR300A

FCC ID : NJQTR300A

DATE TESTED : September 24, 2002 & October 3, 2002

REPORT NUMBER : 02E0467

TYPE OF EQUIPMENT	SECURITY EQUIPMENT (INTENTIONAL RADIATOR)
EQUIPMENT TYPE	433.92 MHz CAR ALARM TRANSCEIVER
MEASUREMENT PROCEDURE	ANSI 63.4 / 1992
LIMIT TYPE	CERTIFICATION
FCC RULE	CFR 47, PART 15

The above equipment was tested by C&C Laboratory Co., Ltd. for compliance with the requirements set forth in the FCC CFR 47, PART 15. The results of testing in this report apply to the product/system which was tested only. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties. **Warning:** This document reports conditions under which testing was conducted and results of tests performed. This document may not be altered or revised in any way unless done so by C&C Laboratory Co., Ltd. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by C&C Laboratory Co., Ltd. will constitute fraud and shall nullify the document.

Vince Chiang For.

James Chan / Manager
C&C Laboratory Co., Ltd.

2. PRODUCT DESCRIPTION

Fundamental Frequency	433.92 MHz
Power Source	1.5V Battery
Transmitting Time	Periodic $\leq$ 5 seconds
Associated Receiver	Model: NJQTR68B

3. TEST FACILITY

The open area test sites and conducted measurement facilities used to collect the radiated data are located at No. 199, Chung Sheng Road, Hsin Tien City, Taipei, Taiwan R.O.C. The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.4 and CISPR Publication 22.

4. MEASUREMENT STANDARDS

The site is constructed and calibrated in conformance with the requirements of ANSI C63.4/1992.

5. TEST METHODOLOGY

For an intentional radiator, the spectrum shall be investigated from the lowest radio frequency signal generated in the device, without going below 9 KHz, up to at least the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower. (CFR 47 Section 15.33)

6. MEASUREMENT EQUIPMENT USED

Manufacturer	Model Number	Description	Cal Due Date
ROHDE & SCHWARZ	DSAI- D 804.8932.52	EMI Test Display	10/2002
ROHDE & SCHWARZ	ESBI-RF/1005.43 00.52	EMI Test RF Unit	10/2002
H.P.	8595EM	Spectrum Analyzer (9KHz – 6.5GHz)	02/2003
EMCO	3115	Antenna (1-18GHz)	02/2003
SCHWARZBECK	VULB 9160	Antenna (30-2000 MHz)	05/2003
H.P.	8447D	Amplifier	05/2003
H.P.	8449B	Amplifier (1-26.5GHz)	10/2002

7. POWERLINE RFI LIMIT

CONNECTED TO AC POWER LINE	SECTION 15.207
CARRIER CURRENT SYSTEM IN THE FREQUENCY RANGE OF 450 KHz TO 30 MHz	SECTION 15.205 AND SECTION 15.209, 15.221, 15.223, 15.225 OR 15.227, AS APPROPRIATE.
BATTERY POWER	NO REQUIRED.

8. RADIATED EMISSION LIMITS

GENERAL REQUIREMENTS	SECTION 15.209
RESTRICTED BANDS OF OPERATION	SECTION 15.205
PERIODIC OPERATION IN THE BAND 40.66 -40.70 MHz AND ABOVE 70 MHz.	SECTION 15.231

9. SYSTEM TEST CONFIGURATION

Use a block of foam and combined it with EUT wrapping rubber band around it. This way it can test X.Y, and Z axis. To activate continuous transmission, place a small plastic block between rubber band and EUT push button.



Radiated Open Site Test Set-up (Transmitter Mode)



Radiated Open Site Test Set Up (Receiver Mode)

10. TEST PROCEDURE

Radiated Emissions, 15.231(4)(b)

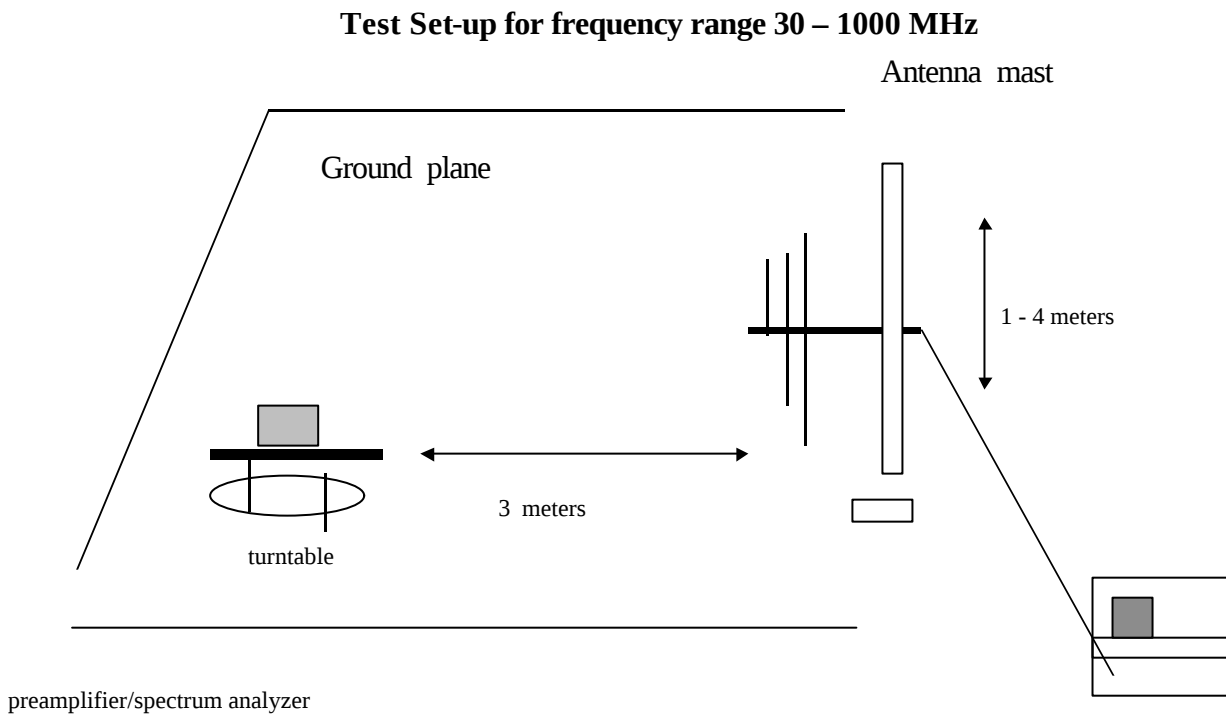
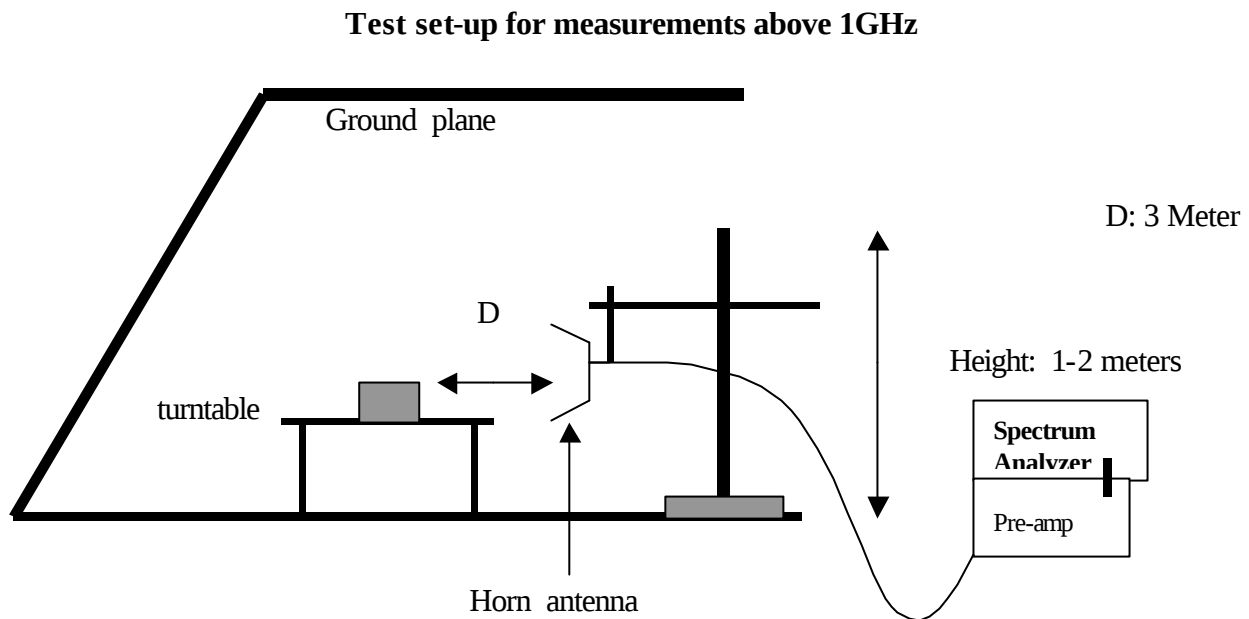


Fig. 1

1. The EUT was placed on a wooden table on the outdoor ground plane. The search antenna was placed 3-meters from the EUT.
2. The turntable was slowly rotated to locate the direction of maximum emission at each emission falling in the restricted bands of 15.205. The EUT was moved throughout the XY, XZ, and YZ planes to maximize emissions received by the search antenna.
3. Once maximum direction was determined, the search antenna was raised and lowered in both vertical and horizontal polarizations. The maximum readings so obtained are recorded in the data listed below.



1. The EUT was placed on a wooden table on the outdoor ground plane. The search antenna was placed 1-meters from the EUT. The EUT antenna was mounted vertically as per normal installation.
2. The turntable was slowly rotated to locate the direction of maximum emission at each emission falling in the restricted bands of 15.205. The EUT was moved throughout the XY, XZ, and YZ planes to maximize emissions received by the search antenna.
3. Once maximum direction was determined, the search antenna was raised and lowered in both vertical and horizontal polarizations. The maximum readings so obtained are recorded in the data listed below.

11. Equipment Modifications

To achieve compliance to FCC Section 15.231 technical limits, the following change(s) were made during compliance testing:

NONE

12. TEST RESULT

Powerline RFI Class B	Eut	Radiated Emission Limits	Eut
SECTION 15.207		SECTION 15.209	X
SECTION 15.205, 15.209, 15.221, 15.223, x 15.225 OR 15.227		SECTION 15.205	
BATTERY POWER	X	SECTION 15.231 (b)	X
		SECTION 15.231 (e)	
		SECTION 15.109	X

12.1 Maximum Modulation Percentage (M%)

CALCULATION:

Average Reading = Peak Reading (dBuV/m)+ 20log (Duty Cycle)

In order to determine possible Maximum Modulation percentage, alternations are made to the EUT.
We measured:

WHERE 1 Period = 69.66 mS
 Long pulse = 1 mS
 Middle pulse = 0.4 mS
 Short pulse = 0.178 mS
 No of Long pulse = 6
 No of Middle pulse = 42
 No of Short pulse = 22

Duty Cycle = (N1L1+N2L2+...+Nn-1Ln-1+NnLn)/100 or T
 Duty Cycle = ((6x1)+(42x0.4)+(22x0.178))/69.66=0.3834=38.34 % or -8.327dB

12.2 The Emissions Bandwidth

The bandwidth of the emissions were investigated per 15.231(c)

Center Frequency	Measured	Limits
433.92 MHz	288.8 kHz < (refer to plot)	433.92MHzX0.25%=1084.8 kHz

APPENDIX 2

TEST DATA



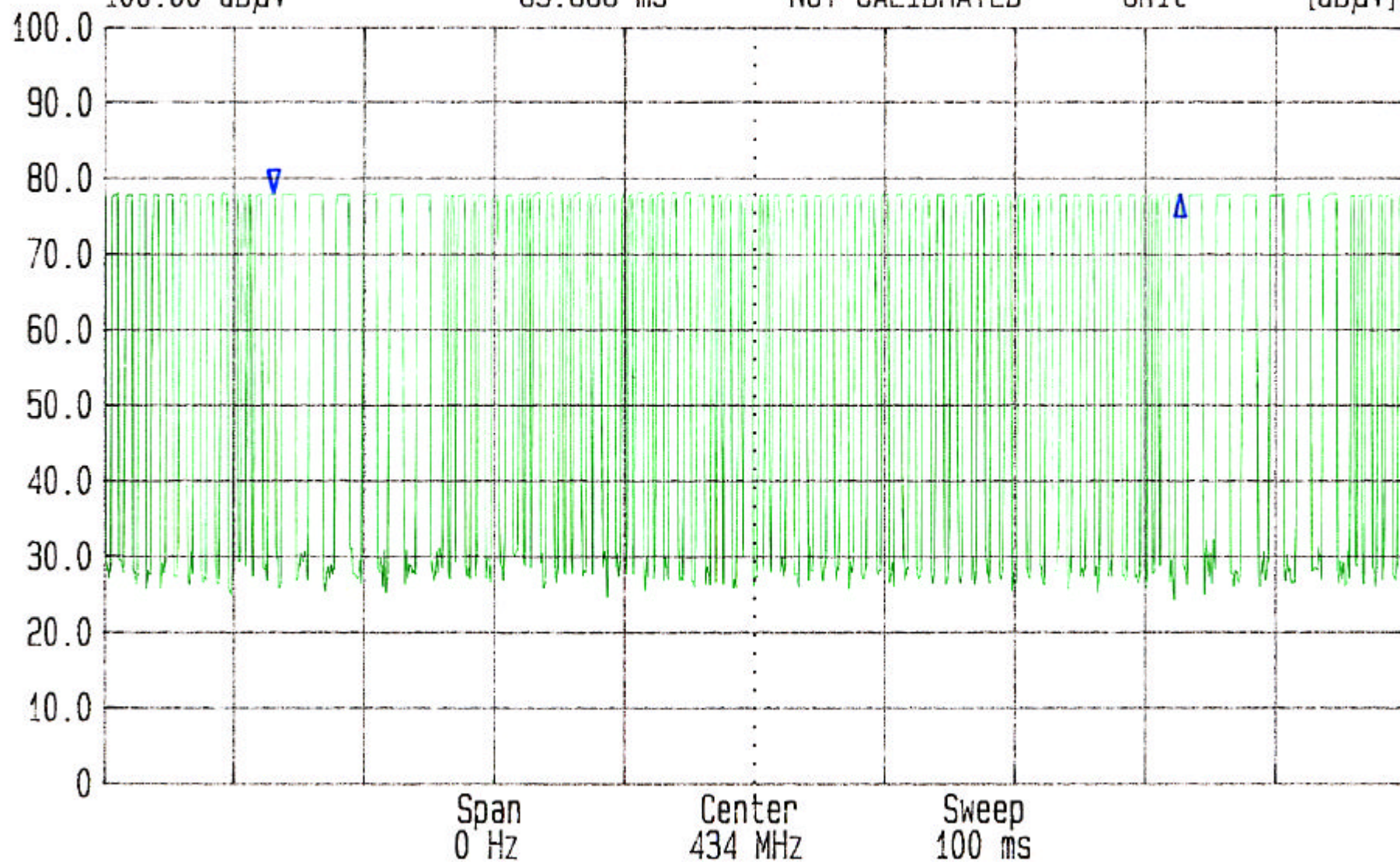
Date 24.Sep.'02 Time 10:45:08

Ref.Lvl 100.00 dB μ V
Delta 0 dB
69.666 ms

TRG

Res.Bw 120 kHz [imp]
TG.Lvl off
CF.Stp 12.000 kHz
NOT CALIBRATED

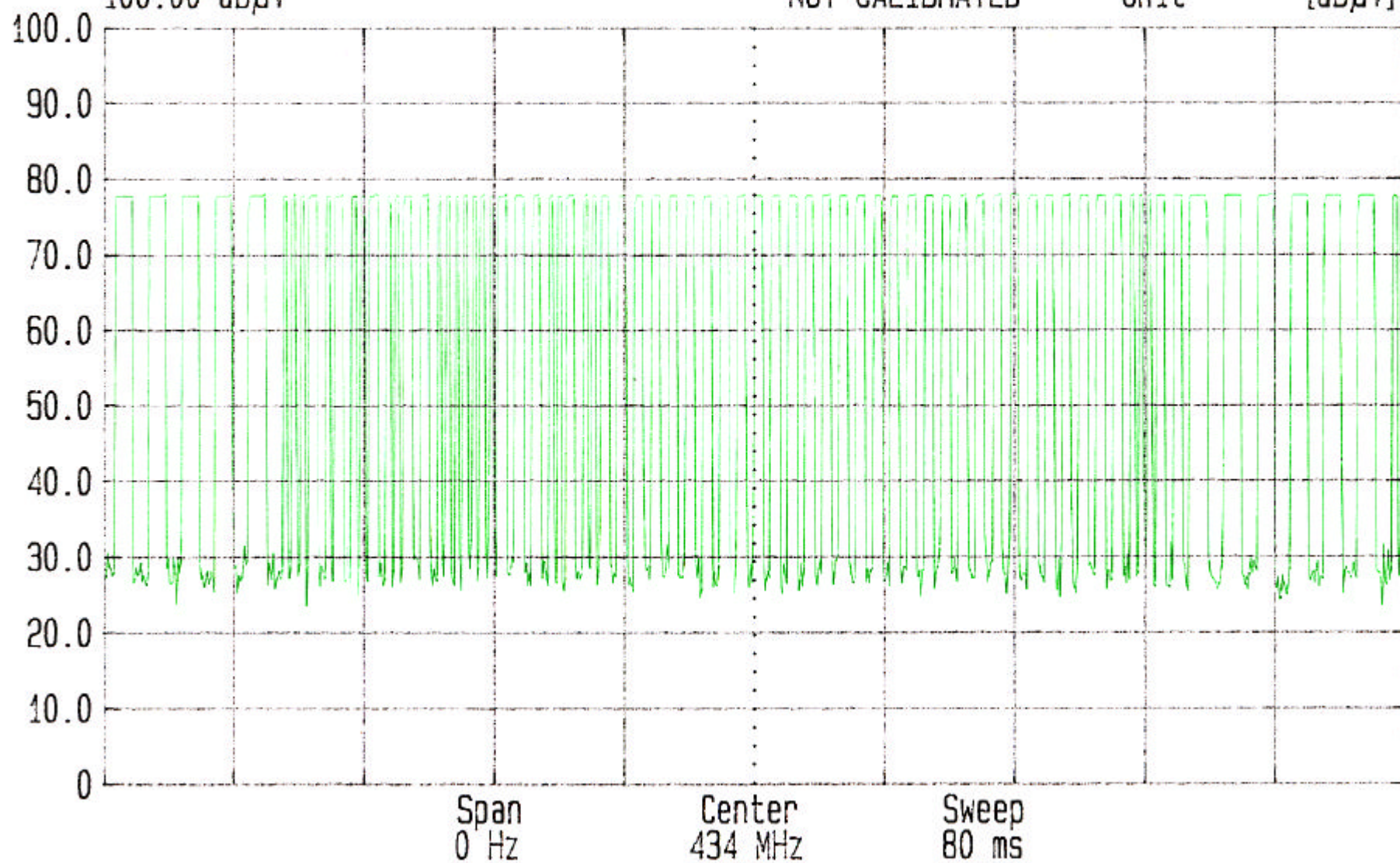
Vid.Bw 300 kHz
RF.Att 10 dB
Unit [dB μ V]





TRG
Date 24.Sep.'02 Time 10:52:39
Ref.Lvl
100.00 dB μ V

Res.Bw 120 kHz [imp] Vid.Bw 300 kHz
TG.Lvl off
CF.Stp 12.000 kHz RF.Att 10 dB
NOT CALIBRATED Unit [dB μ V]





Date 24.Sep.'02 Time 11:04:44

Ref.Lvl 100.00 dB μ V
Delta 0.35 dB
1.000 ms

TRG

Res.Bw 120 kHz [imp]

TG.Lvl off

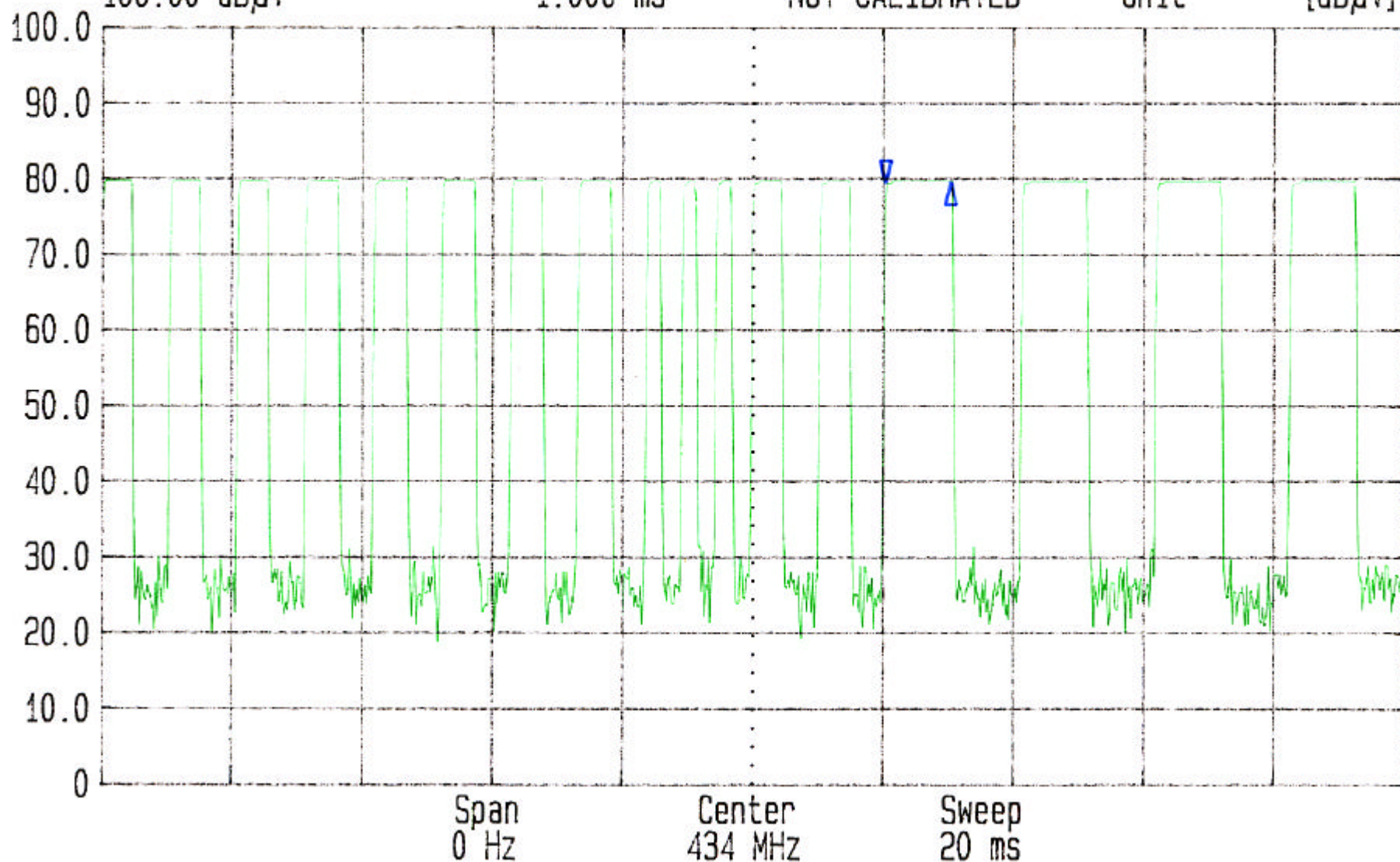
CF.Stp 12.000 kHz

NOT CALIBRATED

Vid.Bw 300 kHz

RF.Att 10 dB

Unit [dB μ V]





Date 24.Sep.'02 Time 10:56:37

Ref.Lvl 100.00 dB μ V
Delta -0.03 dB
400.000 μ s

TRG

Res.Bw 120 kHz [imp]

TG.Lvl off

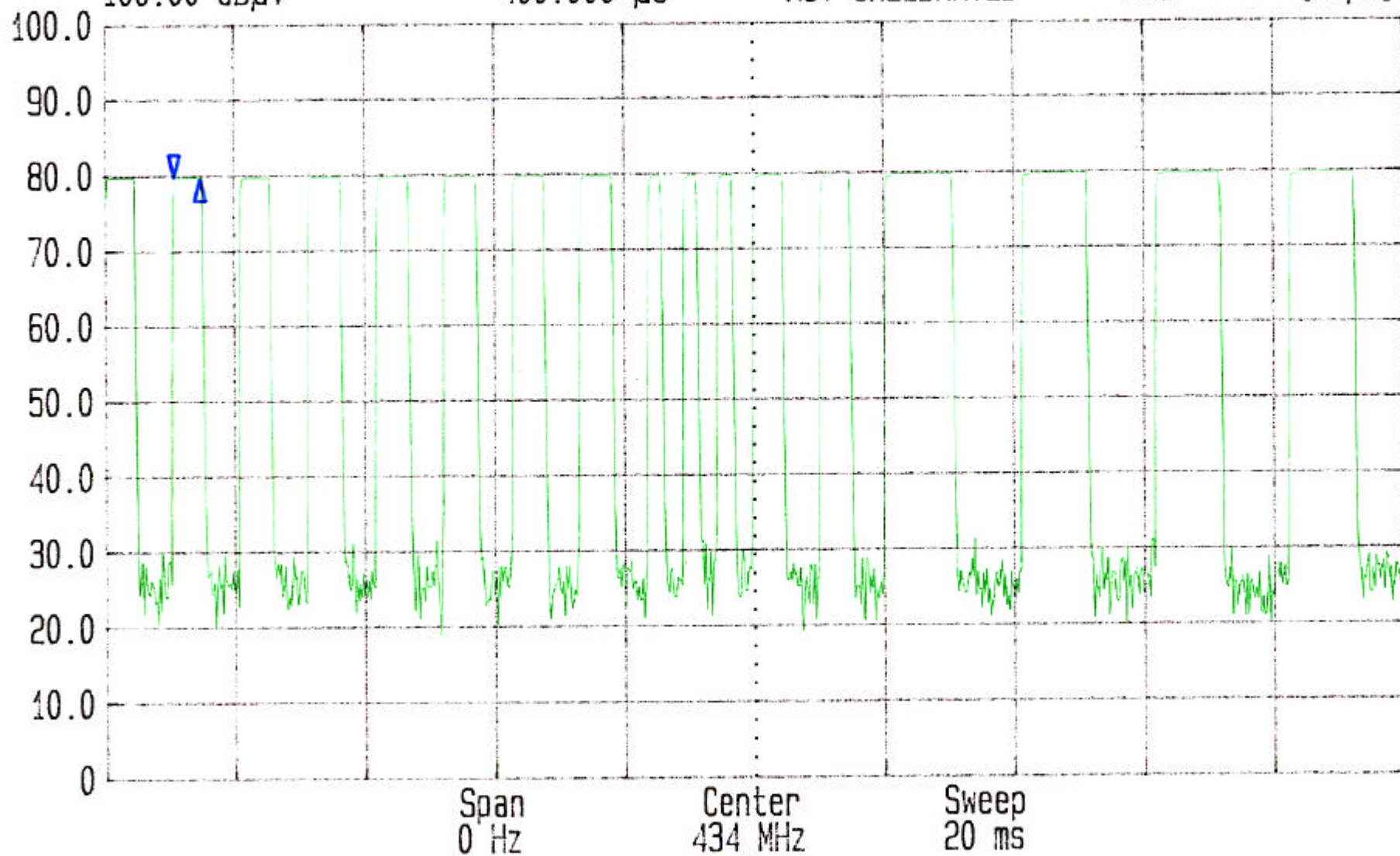
CF.Stp 12.000 kHz

NOT CALIBRATED

Vid.Bw 300 kHz

RF.Att 10 dB

Unit [dB μ V]





Date 24.Sep.'02 Time 11:00:54

Ref.Lvl
100.00 dB μ V

Delta

0.13 dB

177.778 μ s

TRG

Res.Bw

120 kHz [imp]

Vid.Bw

300 kHz

TG.Lvl

off

CF.Stp

12.000 kHz

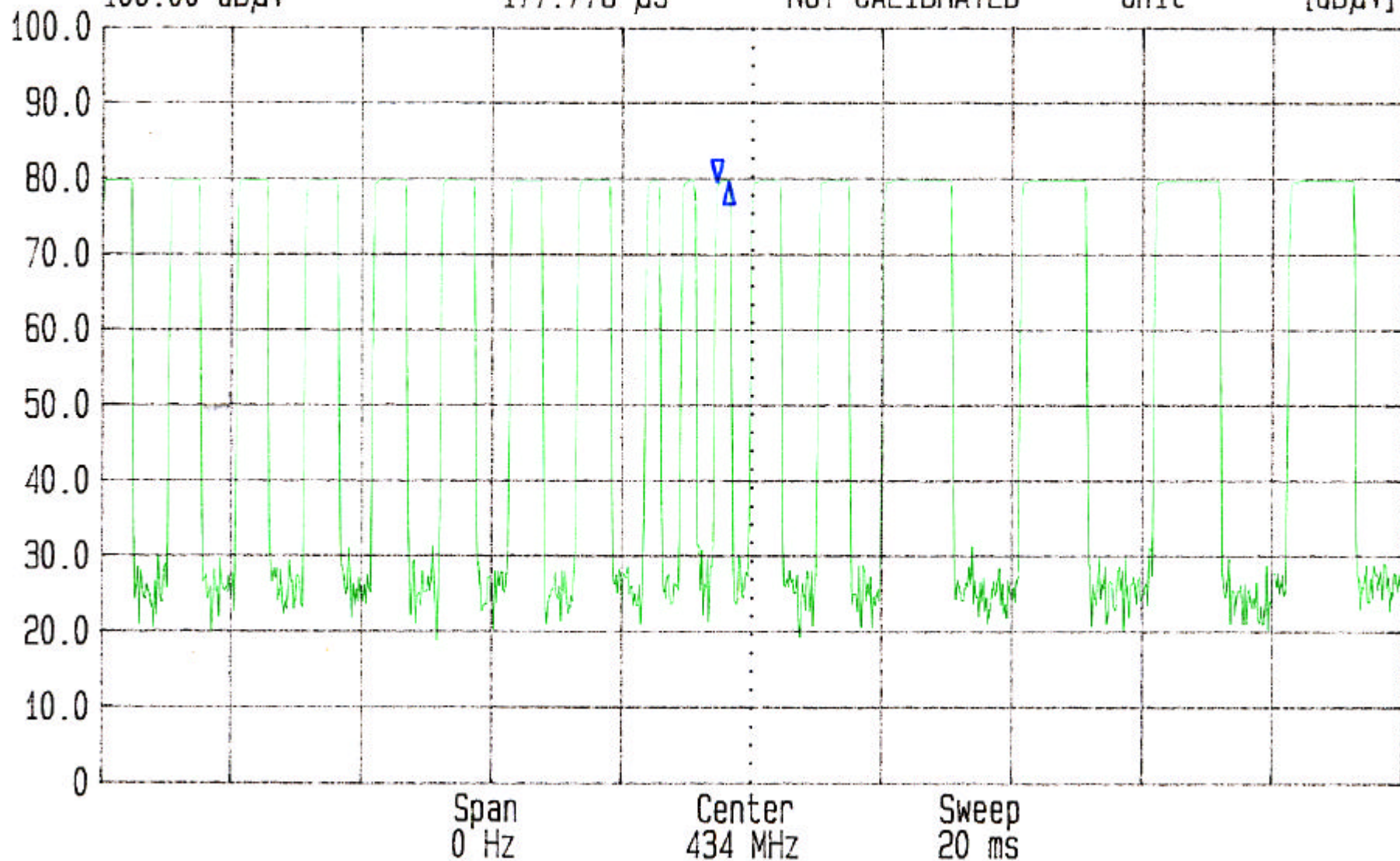
RF.Att

10 dB

NOT CALIBRATED

Unit

[dB μ V]



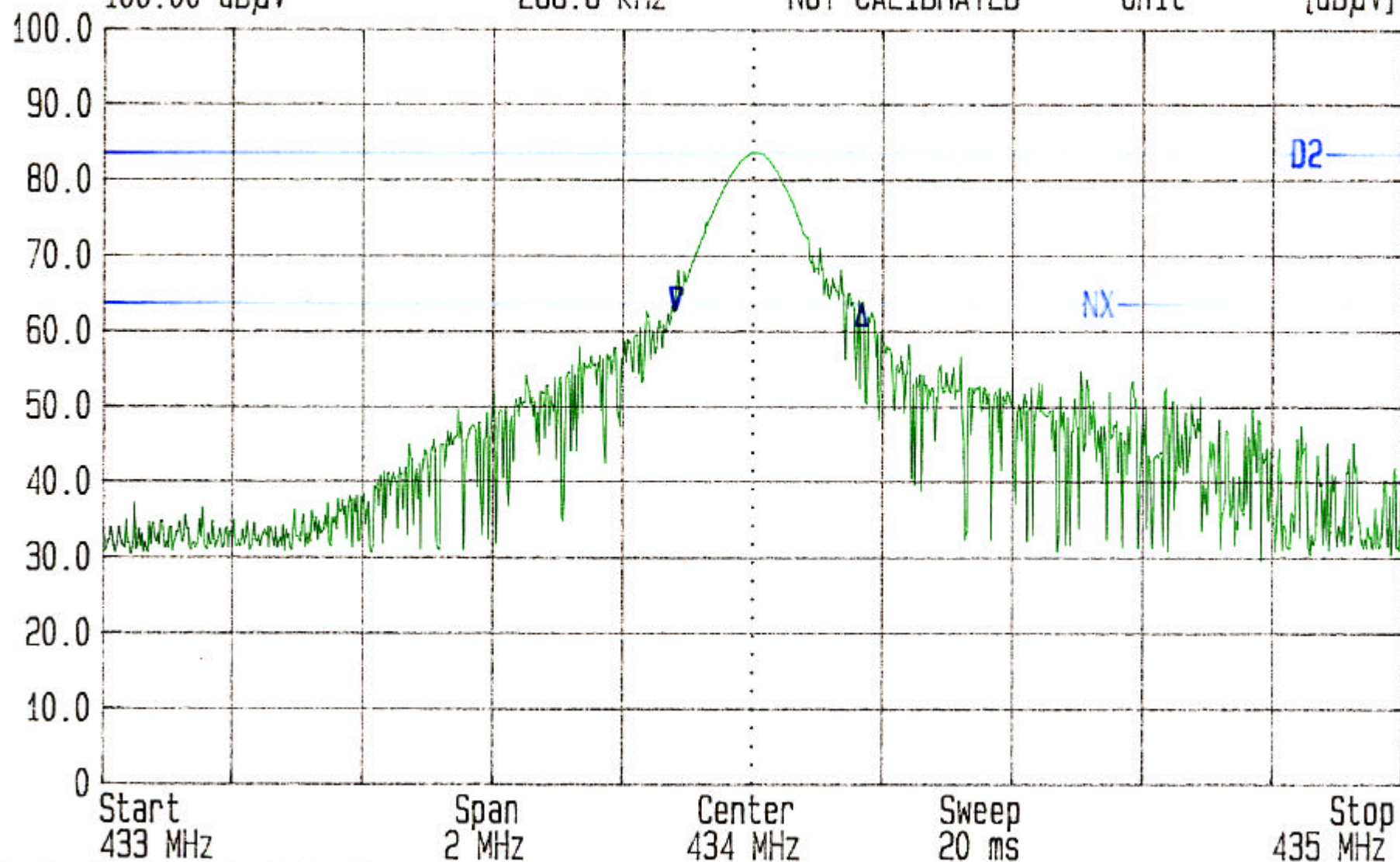


Date 24.Sep.'02 Time 10:38:58

Ref.Lvl 100.00 dB μ V
Delta 1.07 dB
288.8 kHz

Res.Bw 120 kHz [imp]
TG.Lvl off
CF.Stp 200.000 kHz
NOT CALIBRATED

Vid.Bw 300 kHz
RF.Att 10 dB
Unit [dB μ V]



N dB down Level 20.0 dB
DELTA MARK 288.8 KHz

C&C Laboratory CO., LTD.

FCC, VCCI, CISPR, CE, AUSTEL, NZ
UL, CSA, TUV, BSMI, DHHS, NVLAP
No. 199 Chung Sheng Road
Hsin Tien City, Taipei, Taiwan, R.O.C.
PHONE: 02-2217-0894 FAX: 02-2217-1254

Project #: 02E0467
Report #: 0467D1
Date& Time: 2002/10/03
Test Engr: DAVID HUNG

Company: Wintecronics Co., Ltd.
EUT Description: LTR300A (433.92MHz / CAR ALARM TRANSCIEVER)
Test Configuration : EUT ONLY
Type of Test: FCC 15.231 (b)
Mode of Operation: TRANSMITTER MODE

☒ D-Site

$M\% = ((t1+t2+t3+..)/T) * 100\% = 38.34 \%$

$Av \text{ Reading} = Pk \text{ Reading} + 20*\log(M\%)$

$20*\log(M\%) = -8.327$

	Freq. (MHz)	Pk Rdg (dBuV)	Av Rdg (dBuV)	AF (dB)	Closs (dB)	Pre-amp (dB)	Level (dBuV/m)	Limit FCC B	Margin (dB)	Pol (H/V)	Az (Deg)	Height (Meter)
	Button #1:											
X	433.97	75.45	67.12	18.14	3.19	26.83	61.62	80.83	-19.20	3mV	90	1.00
	867.95	47.92	39.59	24.10	5.05	26.26	42.48	60.83	-18.35	3mV	180	1.30
Y	433.97	86.14	77.81	18.14	3.19	26.83	72.31	80.83	-8.51	3mV	0	1.10
	867.95	47.29	38.96	24.10	5.05	26.26	41.85	60.83	-18.98	3mV	270	1.20
Z	433.98	89.44	81.11	18.14	3.19	26.83	75.61	80.83	-5.22	3mV	0	1.20
	867.96	49.50	41.17	24.10	5.05	26.26	44.06	60.83	-16.77	3mV	180	1.30
X	433.96	85.05	76.72	18.14	3.19	26.83	71.22	80.83	-9.61	3mH	0	1.20
	867.96	45.99	37.66	24.10	5.05	26.26	40.55	60.83	-20.28	3mH	180	1.30
Y	433.98	84.79	76.46	18.14	3.19	26.83	70.96	80.83	-9.87	3mH	270	1.20
	867.96	46.53	38.20	24.10	5.05	26.26	41.09	60.83	-19.74	3mH	90	1.30
Z	433.98	82.84	74.51	18.14	3.19	26.83	69.01	80.83	-11.82	3mH	180	1.20
	867.97	45.26	36.93	24.10	5.05	26.26	39.82	60.83	-21.01	3mH	90	1.30

Peak: RBW= 120KHz
VBW= 300KHz
A(Average): PkReading - 8.327dB

Total Data #12

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FCC, VCCI, CISPR, CE, AUSTEL, NZ
UL, CSA, TUV, BSMI, DHHS, NVLAP

No. 199 Chung Sheng Road
Hsin Tien City, Taipei, Taiwan, R.O.C.
PHONE: 02-2217-0894 FAX: 02-2217-1254

Project #: 02E0467
Report #: 0467D2
Date& Time: 2002/10/03
Test Engr: DAVID HUNG

Company: Wintecronics Co., Ltd.
EUT Description: LTR300A (433.92MHz / CAR ALARM TRANSCIEVER)
Test Configuration : EUT ONLY
Type of Test: FCC 15.231 (b)
Mode of Operation: TRANSMITTER MODE

☒ D-Site

M% = ((t1+t2+t3+..)/T) * 100% = **38.34 %**

Av Reading = Pk Reading + 20*log(M%)
20*log(M%) = **-8.327**

	Freq. (MHz)	Pk Rdg (dBuV)	Av Rdg (dBuV)	AF (dB)	Closs (dB)	Pre-amp (dB)	Level (dBuV/m)	Limit FCC B	Margin (dB)	Pol (H/V)	Az (Deg)	Height (Meter)
	Button #2:											
X	433.98	78.09	69.76	18.14	3.19	26.83	64.26	80.83	-16.56	3mV	180	1.00
	867.96	50.34	42.01	24.10	5.05	26.26	44.90	60.83	-15.93	3mV	0	1.30
Y	433.98	84.16	75.83	18.14	3.19	26.83	70.33	80.83	-10.49	3mV	90	1.10
	867.97	40.25	31.92	24.10	5.05	26.26	34.81	60.83	-26.02	3mV	180	1.20
Z	433.97	89.59	81.26	18.14	3.19	26.83	75.76	80.83	-5.07	3mV	270	1.00
	867.96	49.37	41.04	24.10	5.05	26.26	43.93	60.83	-16.90	3mV	180	1.30
X	433.98	87.61	79.28	18.14	3.19	26.83	73.78	80.83	-7.05	3mH	90	1.00
	867.95	46.98	38.65	24.10	5.05	26.26	41.54	60.83	-19.29	3mH	180	1.30
Y	433.97	85.02	76.69	18.14	3.19	26.83	71.19	80.83	-9.64	3mH	270	1.00
	867.94	42.01	33.68	24.10	5.05	26.26	36.57	60.83	-24.26	3mH	180	1.30
Z	433.98	84.97	76.64	18.14	3.19	26.83	71.14	80.83	-9.69	3mH	0	1.00
	867.96	38.10	29.77	24.10	5.05	26.26	32.66	60.83	-28.17	3mH	90	1.20

Peak: RBW= 120KHz
VBW= 300KHz
A(Average): PkReading - 8.327dB

Total Data #12

C&C Laboratory CO., LTD.

FCC, VCCI, CISPR, CE, AUSTEL, NZ
UL, CSA, TUV, BSMI, DHHS, NVLAP

No. 199 Chung Sheng Road
Hsin Tien City, Taipei, Taiwan, R.O.C.
PHONE: 02-2217-0894 FAX: 02-2217-1254

Project #: 02E0467
Report #: 0467D3
Date& Time: 2002/10/03
Test Engr: DAVID HUNG

Company: Wintecronics Co., Ltd.
EUT Description: LTR300A (433.92MHz / CAR ALARM TRANSCIEVER)
Test Configuration : EUT ONLY
Type of Test: FCC 15.231 (b)
Mode of Operation: TRANSMITTER MODE

☒ D-Site

M% = ((t1+t2+t3+..)/T) * 100% = **38.34 %**

Av Reading = Pk Reading + 20*log(M%)

20*log(M%) = **-8.327**

	Freq. (MHz)	Pk Rdg (dBuV)	Av Rdg (dBuV)	AF (dB)	Closs (dB)	Pre-amp (dB)	Level (dBuV/m)	Limit FCC B	Margin (dB)	Pol (H/V)	Az (Deg)	Height (Meter)
	Button #3:											
X	433.98	79.99	71.66	18.14	3.19	26.83	66.16	80.83	-14.66	3mV	90	1.00
	867.96	50.00	41.67	24.10	5.05	26.26	44.56	60.83	-16.27	3mV	180	1.30
Y	433.97	85.07	76.74	18.14	3.19	26.83	71.24	80.83	-9.58	3mV	0	1.00
	867.97	44.37	36.04	24.10	5.05	26.26	38.93	60.83	-21.90	3mV	180	1.30
Z	433.98	89.24	80.91	18.14	3.19	26.83	75.41	80.83	-5.42	3mV	270	1.10
	867.96	49.73	41.40	24.10	5.05	26.26	44.29	60.83	-16.54	3mV	0	1.20
X	433.98	87.08	78.75	18.14	3.19	26.83	73.25	80.83	-7.58	3mH	90	1.00
	867.96	43.81	35.48	24.10	5.05	26.26	38.37	60.83	-22.46	3mH	180	1.30
Y	433.97	84.95	76.62	18.14	3.19	26.83	71.12	80.83	-9.71	3mH	0	1.10
	867.96	45.92	37.59	24.10	5.05	26.26	40.48	60.83	-20.35	3mH	180	1.30
Z	433.98	82.28	73.95	18.14	3.19	26.83	68.45	80.83	-12.38	3mH	0	1.00
	867.95	43.58	35.25	24.10	5.05	26.26	38.14	60.83	-22.69	3mH	270	1.10

Peak: RBW= 120KHz
VBW= 300KHz
A(Average): PkReading - 8.327dB

Total Data #12

C&C Laboratory CO., LTD.

FCC, VCCI, CISPR, CE, AUSTEL, NZ
UL, CSA, TUV, BSMI, DHHS, NVLAP

No. 199 Chung Sheng Road
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PHONE: 02-2217-0894 FAX: 02-2217-1254

Project #: 02E0467
Report #: 0467D4
Date& Time: 2002/10/03
Test Engr: DAVID HUNG

Company: Wintecronics Co., Ltd.
EUT Description: LTR300A (433.92MHz / CAR ALARM TRANSCEIVER)
Test Configuration : EUT ONLY
Type of Test: FCC 15.231 (b) / 15.209
Mode of Operation: TRANSMITTER MODE

☒ D-Site

☐ E-Site

6 Worst Data

Descending

Freq.	Pk Rdg	Av Rdg	AF	Closs	Pre-amp	Level	Limit	Margin	Pol	Az	Height	Mark
(MHz)	(dBuV)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	FCC_B	(dB)	(H/V)	(Deg)	(Meter)	(P/Q/A)
1302.0	68.4	60.1	24.9	3.6	37.1	51.5	54.0	-2.5	1mV	0.0	1.0	A
1736.0	60.2	51.9	26.4	4.4	36.5	46.2	60.8	-14.6	1mV	0.0	1.0	A
2170.0	52.2	43.9	27.8	4.5	36.1	40.1	60.8	-20.7	1mV	0.0	1.0	A
2603.8	59.4	51.1	28.8	5.6	36.0	49.5	60.8	-11.3	1mV	0.0	1.0	A
3037.8	60.3	51.9	30.4	5.8	36.0	52.1	60.8	-8.7	1mV	0.0	1.0	A
3471.9	60.5	52.2	31.3	6.1	35.6	53.9	60.8	-6.9	1mV	0.0	1.0	A
3905.8	53.3	45.0	32.3	6.7	35.2	48.7	54.0	-5.3	1mV	0.0	1.0	A
4339.9	50.3	42.0	32.4	7.2	35.2	46.3	54.0	-7.7	1mV	0.0	1.0	A
1302.2	59.4	51.1	24.9	3.6	37.1	42.5	54.0	-11.5	1mH	0.0	1.0	A
1735.9	56.4	48.0	26.4	4.4	37.1	41.8	60.8	-19.0	1mH	0.0	1.0	A
2170.0	55.8	47.5	27.8	4.5	36.1	43.6	60.8	-17.2	1mH	0.0	1.0	A
2603.9	62.0	53.7	28.8	5.6	36.0	52.1	60.8	-8.7	1mH	0.0	1.0	A
3038.0	66.9	58.6	30.4	5.8	36.1	58.7	60.8	-2.1	1mH	0.0	1.0	A
3471.9	65.0	56.7	31.3	6.1	35.6	58.5	60.8	-2.3	1mH	0.0	1.0	A
3906.0	57.0	48.7	32.3	6.7	35.2	52.5	54.0	-1.5	1mH	0.0	1.0	A
4339.9	52.9	44.6	32.4	7.2	35.2	48.9	54.0	-5.1	1mH	0.0	1.0	A

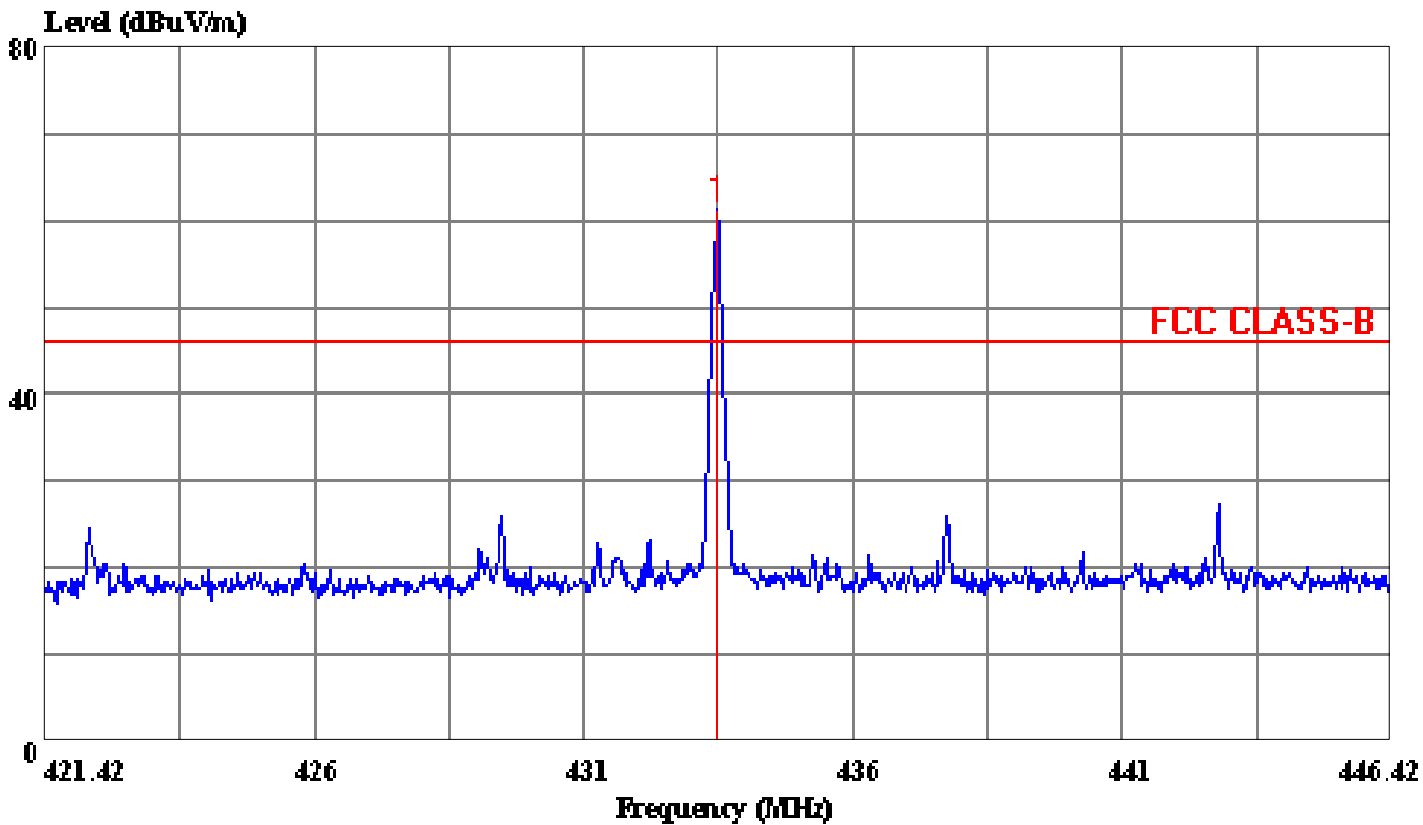
* No other emission were found within 20dB under the limits upto 4.4 GHz.

TOTAL DATA #16
V.2d

P(Peak): RBW=VBW=1MHz
A(Average): Pk Reading -8.327dB

Data#: 91 File#: 0467d.EMI

Date: 2002-10-03 Time: 13:33:24



(D- Site)

Trace: 90

Ref Trace:

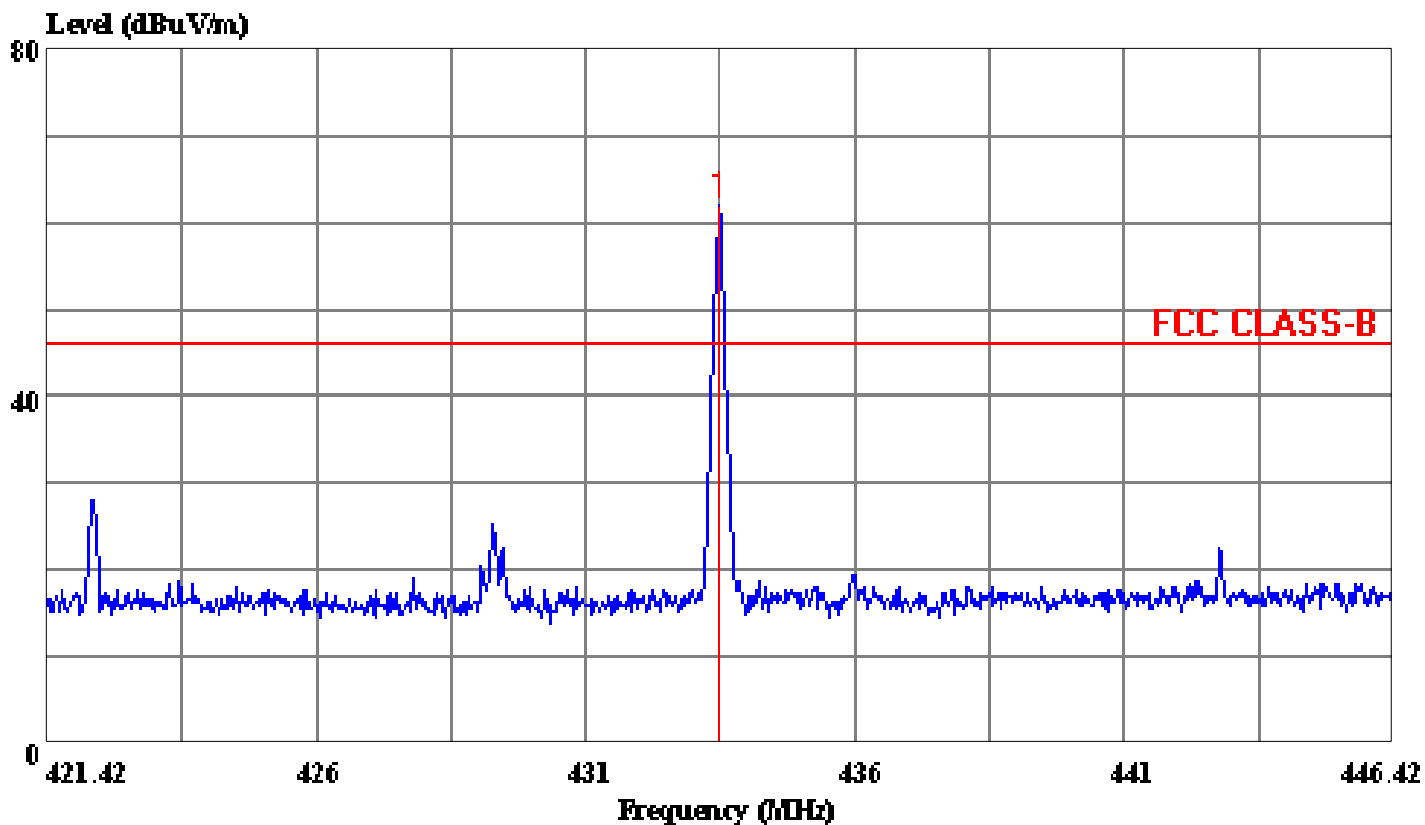
Condition: VERTICAL
Report No. : 02E0467
Test Engr. : BILL HUNG
Company : Wintecronics Co., Ltd.
EUT : LTR300A
Test Config : EUT / S.G.
Type of Test: FCC 15.109
Mode of Op. : RECEIVER MODE

Page: 1

	Freq	Read Level
	MHz	dBuV
1 *	433.895	66.69

Data#: 88 File#: 0467d.EMI

Date: 2002-10-03 Time: 13:25:48



(D- Site)

Trace: 87

Ref Trace:

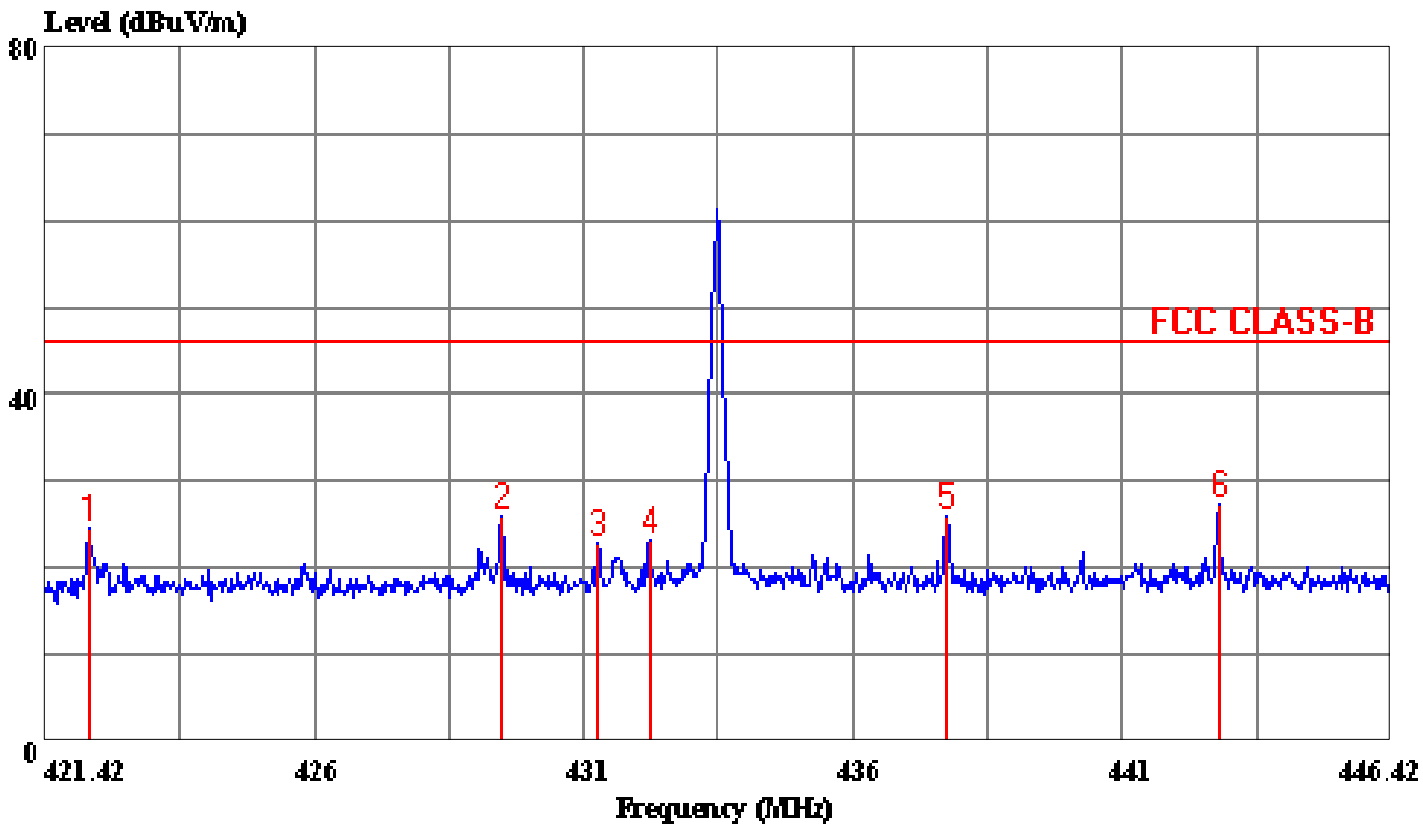
Condition: HORIZONTAL
Report No. : 02E0467
Test Engr. : BILL HUNG
Company : Wintecronics Co., Ltd.
EUT : LTR300A
Test Config : EUT / S.G.
Type of Test: FCC 15.109
Mode of Op. : RECEIVER MODE

Page: 1

	Freq	Read Level
	MHz	dBuV
1 *	433.895	67.61

Data#: 92 File#: 0467d.EMI

Date: 2002-10-03 Time: 13:34:06



(D-Site)

Trace: 90

Ref Trace:

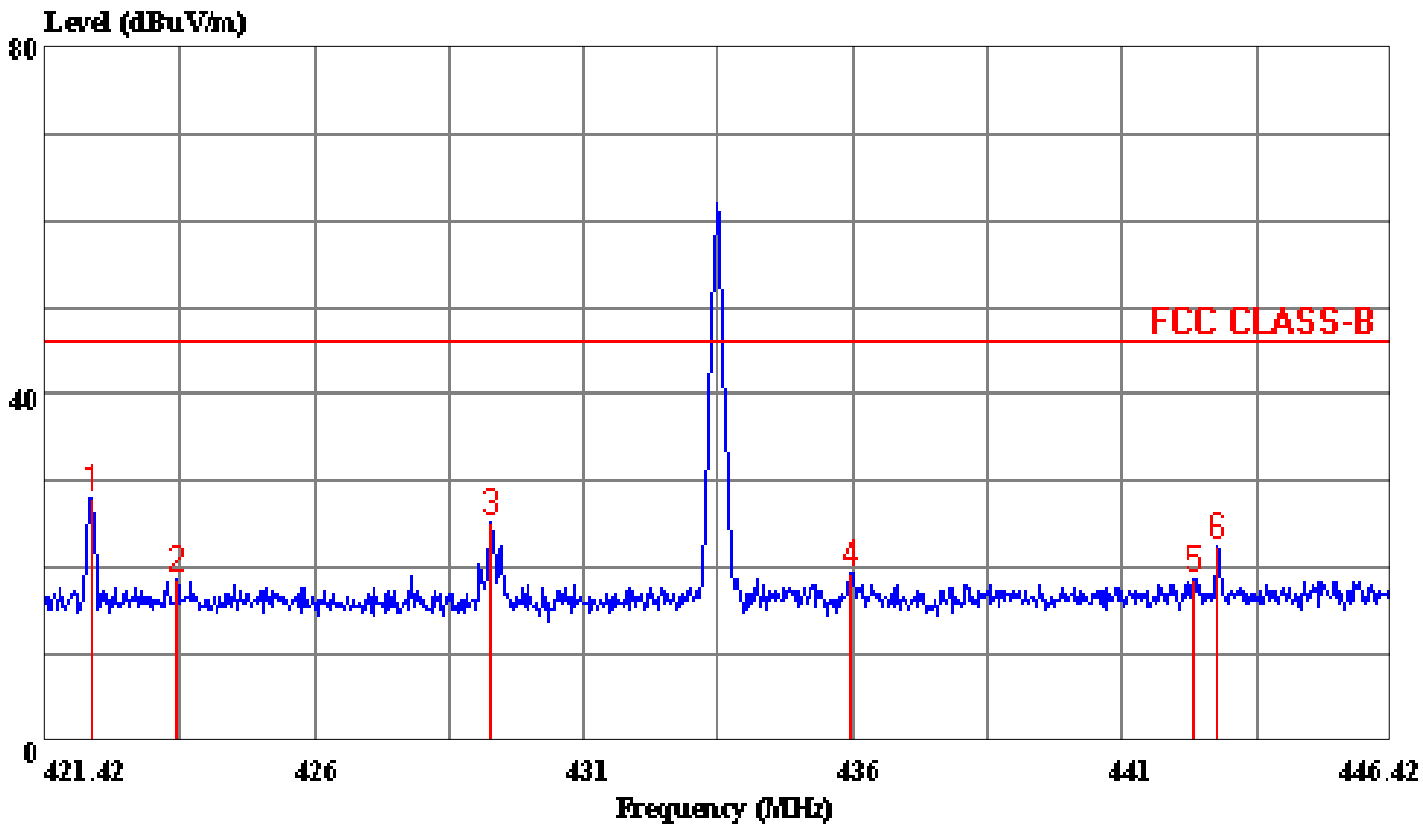
Condition: VERTICAL
Report No. : 02E0467
Test Engr. : BILL HUNG
Company : Wintecronics Co., Ltd.
EUT : LTR300A
Test Config : EUT / S.G.
Type of Test: FCC 15.109
Mode of Op. : RECEIVER MODE

Page: 1

	Freq	Read Level	Probe Factor	Cable Loss	Preamplifier Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB	dBuV/m	dBuV/m	dB	
1	422.220	30.20	17.87	3.15	26.80	24.43	46.00	-21.57	Peak
2	429.920	31.45	18.06	3.18	26.82	25.87	46.00	-20.13	Peak
3	431.670	28.27	18.11	3.19	26.82	22.74	46.00	-23.26	Peak
4	432.645	28.55	18.13	3.19	26.83	23.05	46.00	-22.95	Peak
5	438.170	31.35	18.27	3.21	26.84	25.98	46.00	-20.02	Peak
6	443.220	32.57	18.39	3.23	26.86	27.33	46.00	-18.67	Peak

Data#: 89 File#: 0467d.EMI

Date: 2002-10-03 Time: 13:27:09



(D- Site)

Trace: 87

Ref Trace:

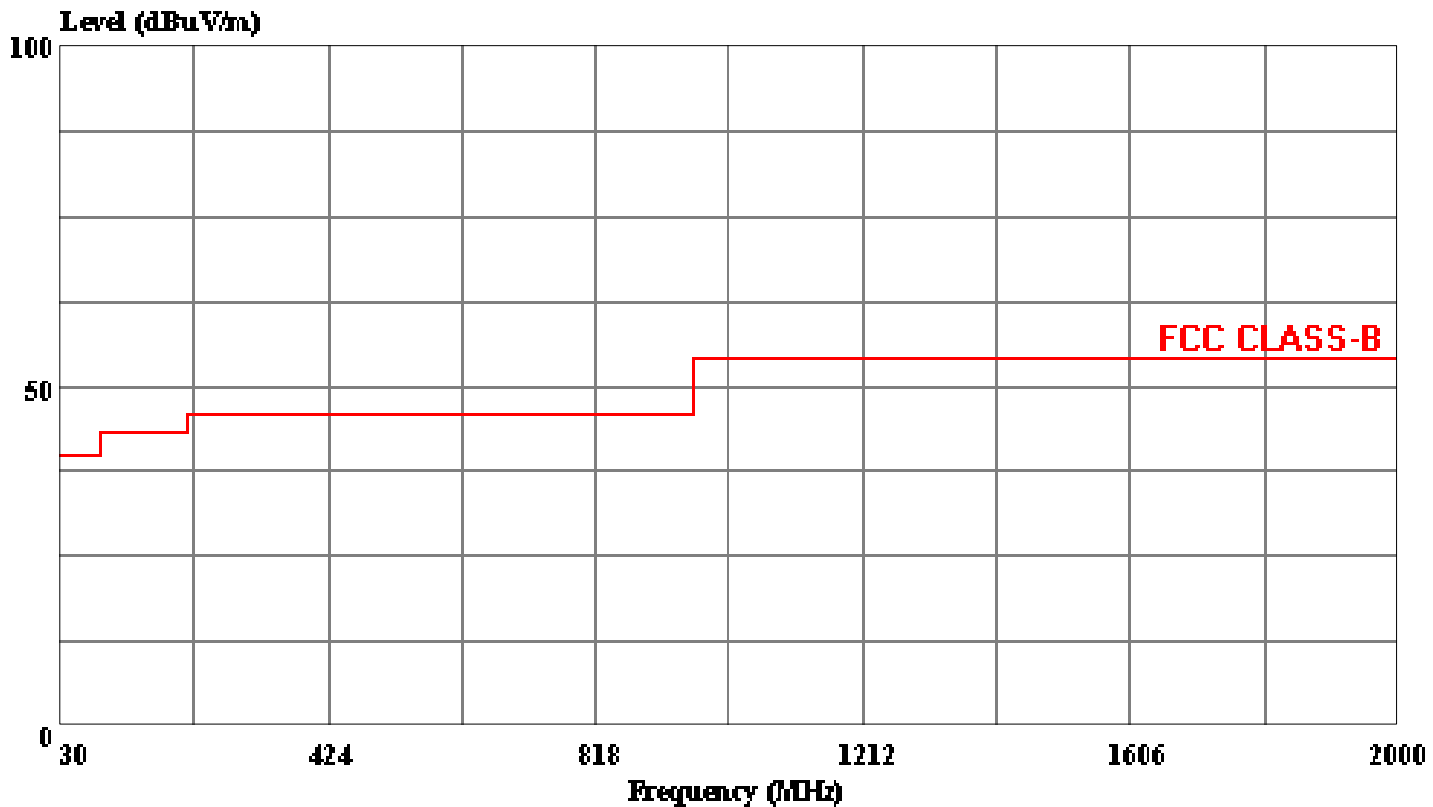
Condition: HORIZONTAL
Report No. : 02E0467
Test Engr. : BILL HUNG
Company : Wintecronics Co., Ltd.
EUT : LTR300A
Test Config : EUT / S.G.
Type of Test: FCC 15.109
Mode of Op. : RECEIVER MODE

Page: 1

	Freq	Read Level	Probe Factor	Cable Loss	Preamplifier Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB	dBuV/m	dBuV/m	dB	
1	422.270	33.66	17.87	3.15	26.80	27.89	46.00	-18.11	Peak
2	423.870	24.34	17.91	3.16	26.80	18.61	46.00	-27.39	Peak
3	429.695	30.79	18.06	3.18	26.82	25.21	46.00	-20.79	Peak
4	436.395	24.85	18.22	3.20	26.84	19.44	46.00	-26.56	Peak
5	442.745	23.91	18.38	3.23	26.86	18.66	46.00	-27.34	Peak
6	443.195	27.92	18.39	3.23	26.86	22.68	46.00	-23.32	Peak

Data#: 93 File#: 0467d.EMI

Date: 2002-10-03 Time: 13:37:18



(D-Site)

Trace:

Ref Trace:

Condition:

Report No. : 02E0467

Test Engr. : BILL HUNG

Company : Wintecronics Co., Ltd.

EUT : LTR300A

Test Config : EUT ONLY

Type of Test: FCC 15.109

Mode of Op. : NO OTHER EMISSION WERE FOUND WITHIN

: 20 dB BELOW THE LIMITS FROM 30-2000MHZ