



**SUPPLEMENT
TO
TEST REPORT NO: 01E9409
DATE ISSUED: July 6, 2001**

COMPANY NAME: Vision Automobile Electronics Industrial Co., Ltd.

CONTACT PERSON: WANG TSUNG CHIN / ENGINEER

TELEPHONE NO: 06-255-1269

EUT DESCRIPTION: PS/2 & USB Pocket Point RF Receiver

AMENDMENT PURPOSE

WITHOUT TEST DATA	WITH TEST DATA
<input checked="" type="checkbox"/> REPORT CORRECTION	<input type="checkbox"/> ALTERNATE COMPONENTS
<input type="checkbox"/> ADDITIONAL MODEL NAME	<input type="checkbox"/> PRODUCT OPTIONS
<input type="checkbox"/> PRODUCT OPTION	<input type="checkbox"/> DEFECTIVE MEASUREMENT

AMENDMENT DETAIL

Page No.	Detail	Approved By	Test Data No.
Cover Page Page1 、 2 & Test Datas	Corrected Model Name	Rick yea 7/6 '2001	9409e# (33, 34) 9409# (7~10,13,15)

ATTACHMENT: Request form customer for amendment



FCC CFR47 PART 15 DIGITAL DEVICE

TEST REPORT

FOR

PS/2 & USB Pocket Point RF Receiver

TRADE NAME: VISION

MODEL: CE2Y-PPR

FCC ID: KFR-LSRR

REPORT NUMBER: 01E9409

ISSUE DATE: July 6, 2001

Prepared for
VISION AUTOMOBILE ELECTRONICS INDUSTRIAL CO., LTD.
NO. 17, ALLEY 92, LANE 189, SEC. 1, AN CHUNG RD.,
TAINAN, TAIWAN, R. O. C.

Prepared by
COMPLIANCE ENGINEERING SERVICES, INC.
No. 199, CHUNG SHENG ROAD
HSIN TIEN CITY, TAIPEI, TAIWAN R.O.C.
TEL: (02) 2217-0894
FAX: (02) 2217-1254

NVLAP[®]
LAB CODE: SL2-IN-E-0005



FCC, VCCI, CISPR, CE
UL, CSA, TÜV, VDE

U.S.A. : P.O.BOX 612650, SAN JOSE, CA 95161-2650
TAIPEI : P.O.BOX 17-82, HSIN TIEN, TAIWAN, R.O.C.

1. VERIFICATION OF COMPLIANCE

COMPANY NAME: VISION AUTOMOBILE ELECTRONICS
INDUSTRIAL CO., LTD.
NO. 17, ALLEY 92, LANE 189, SEC. 1, AN CHUNG RD.,
TAINAN, TAIWAN, R. O. C.

CONTACT PERSON: WANG TSUNG CHIN / ENGINEER

TELEPHONE NO: 06-255-1269

MODEL NO/NAME: CE2Y-PPR

SERIAL NO: N/A

DATE TESTED: June 18, 2001

TYPE OF EQUIPMENT:	INFORMATION TECHNOLOGY EQUIPMENT (ITE)
MEASUREMENT DISTANCE:	(x) 3 METER () 10 METER
TECHNICAL LIMIT:	CLASS B
FCC RULES:	PART 15
MEASUREMENT PROCEDURE	ANSI C63.4:92 / EN55022
EQUIPMENT AUTHORIZATION PROCEDURE	CERTIFICATION
MODIFICATION MADE ON EUT	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
DEVIATIONS FROM MEASUREMENT PROCEDURE	<input type="checkbox"/> YES (refer to section 21 for comments) <input checked="" type="checkbox"/> NO
RADIATED EMISSION TEST RESULT	-5.06 dB @ 433.444MHz / VERTICAL
CONDUCTED EMISSION TEST RESULT	-4.49 dB @ 16.055MHz / L1

The above equipment was tested by Compliance Engineering Services, Inc. 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.

Approved By

Acknowledged By

Rick Yeo

RICK YEO / EMC MANAGER
COMPLIANCE ENGINEERING SERVICES

WANG TSUNG CHIN / ENGINEER
VISION AUTOMOBILE ELECTRONICS
INDUSTRIAL CO., LTD.

2. PRODUCT DESCRIPTION

CHASSIS TYPE	PLASTIC
LIST OF EACH OSC. OR XTAL. FREQ. (FREQ.>=1 MHz)	433.92MHz
POWER REQUIREMENTS	DC 5V
INTERFACE	PS/2, USB

3. TESTED SYSTEM DETAILS

The Model names for all equipment, plus descriptions of all cables used in the tested system (including inserted cards) are:

External Peripheral Devices

Device Type	Manufacturer	Model Number	Serial No.	FCC ID / DoC
MONITOR	COMPAQ	MV925	HS-12	DoC
HOST COMPUTER	VIVA	VIVA 686-350	HS-12	DoC
MODEM	DATATRONICS	2496CF	N/A	DoC
PRINTER	HP	2225C	2550540697	BS46XU2225C
MOUSE	LOGITECH	M-M34	LZED1303050	DZL211029
Pocket Point RF Remote TX	VISION	CE2Y-PPT	N/A	KFR-LSRT

4. TEST FACILITY

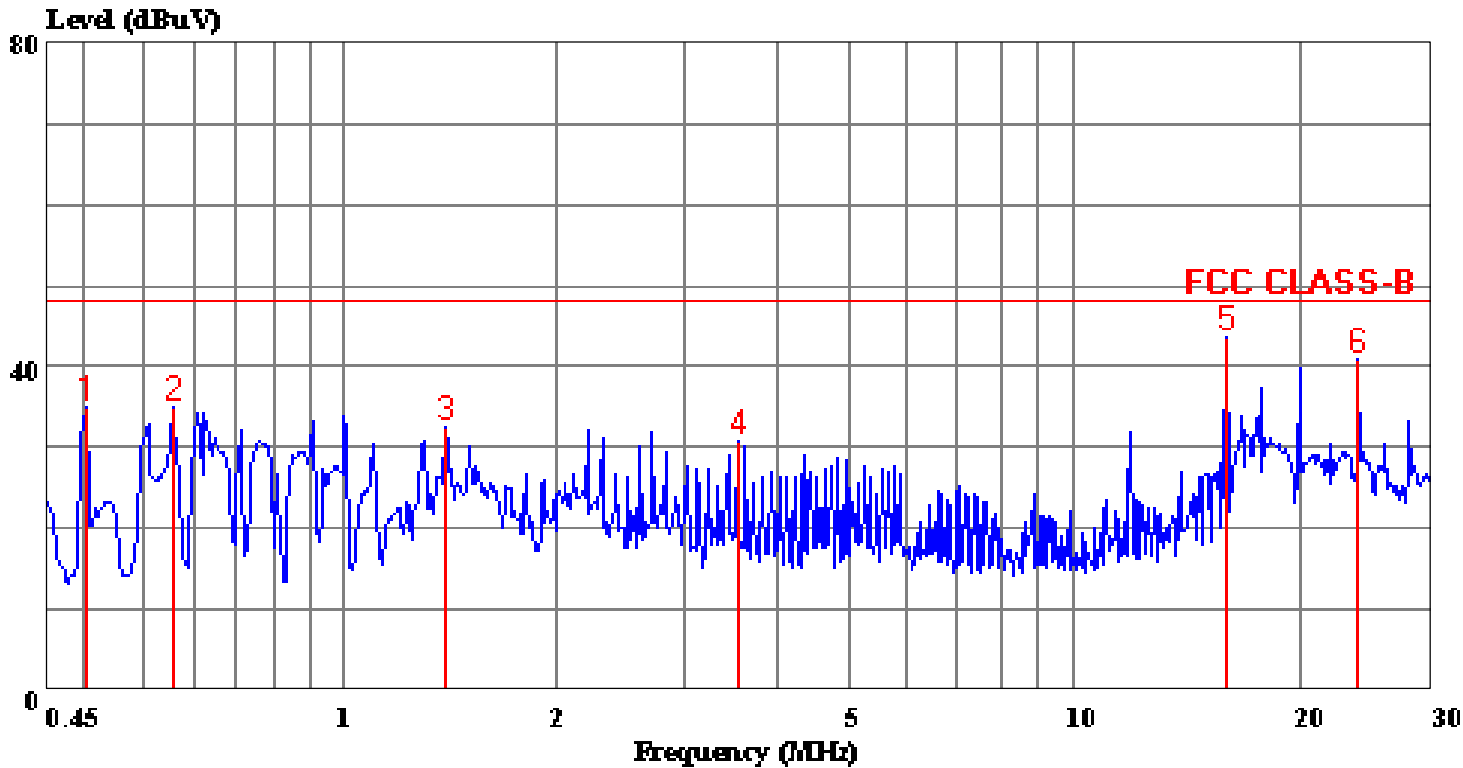
The open area test sites and conducted measurement facilities used to collect the radiated data are located at No. 199, Chung Sheng Road, Hsin Tien City, Taipei, Taiwan R.O.C. The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.4 and CISPR Publication 22.

5. ACCREDITATION AND LISTING

The test facilities used to perform radiated and conducted emissions tests are accredited by National Voluntary Laboratory Accreditation Program for the specific scope of accreditation under Lab Code:SL2-IN-E-0005 to perform Electromagnetic Interference tests according to FCC PART 15 AND CISPR 22 requirements. No part of this report may be used to claim or imply product endorsement by BSMI or any agency of the US Government. In addition, the test facilities are listed with Federal Communications Commission (reference no: 31040/SIT(1300F2))

Data#: 33 File#: 9409e.EMI

Date: 2001-06-18 Time: 15:02:18



(CES Conducted)

Trace: 24

Ref Trace:

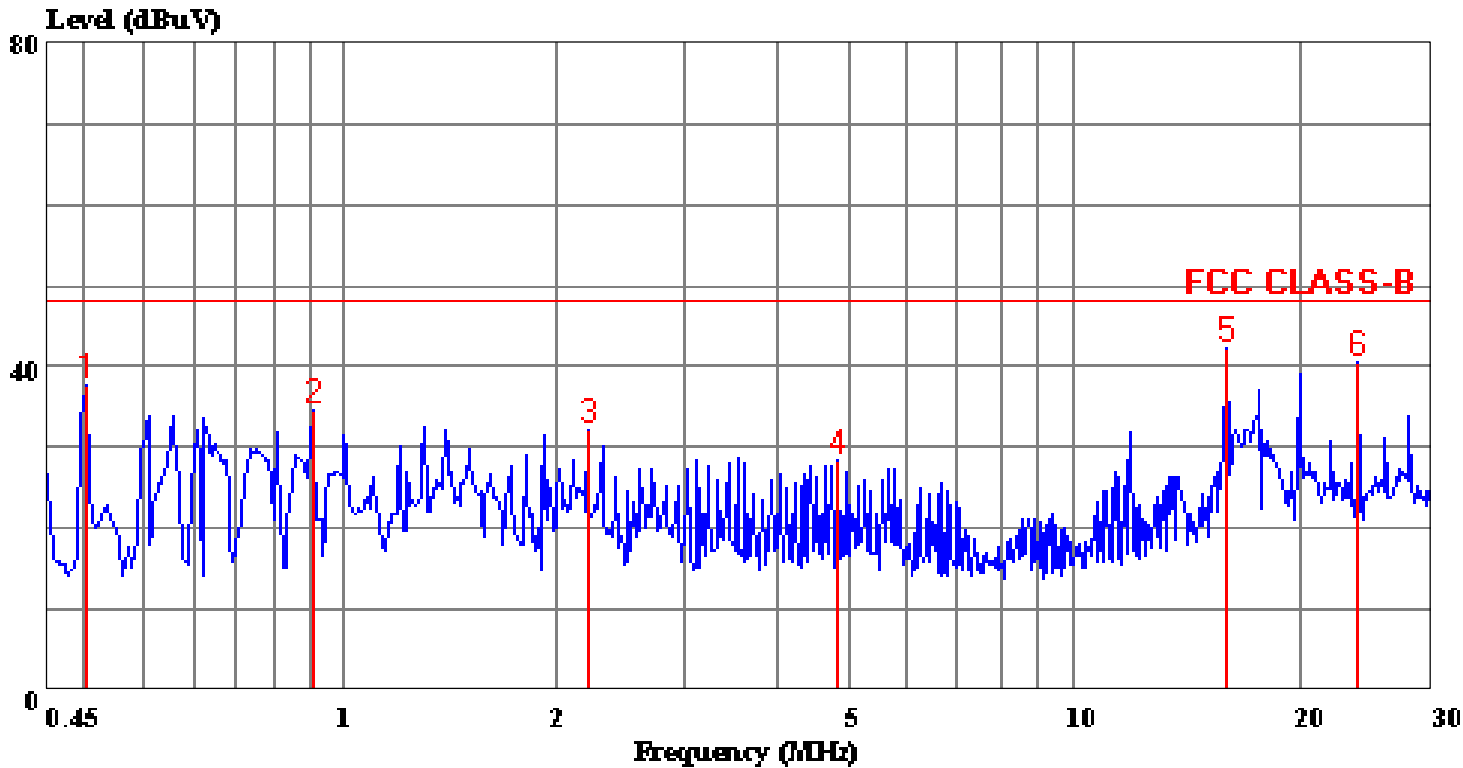
Condition: LINE
Report No. : 01E9409
Test Engr. : STANLEY CHENG
Company : VISION AUTOMOBILE ELECTRONICS INDUSTRIAL
EUT : CE2Y-PPR
Test Config : EUT/PC/MD/ME/PRN
Type of Test: FCC CLASS B
Mode of Op. : NORMAL MODE

Page: 1

	Read Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.505	35.09	0.05	35.14	48.00	-12.86	Peak
2	0.658	34.87	0.06	34.93	48.00	-13.07	Peak
3	1.503	32.56	0.11	32.67	48.00	-15.33	Peak
4	3.642	30.73	0.21	30.94	48.00	-17.06	Peak
5	16.055	43.10	0.41	43.51	48.00	-4.49	Peak
6	24.015	40.42	0.49	40.91	48.00	-7.09	Peak

Data#: 34 File#: 9409e.EMI

Date: 2001-06-18 Time: 15:10:22



(CES Conducted)

Trace: 32

Ref Trace:

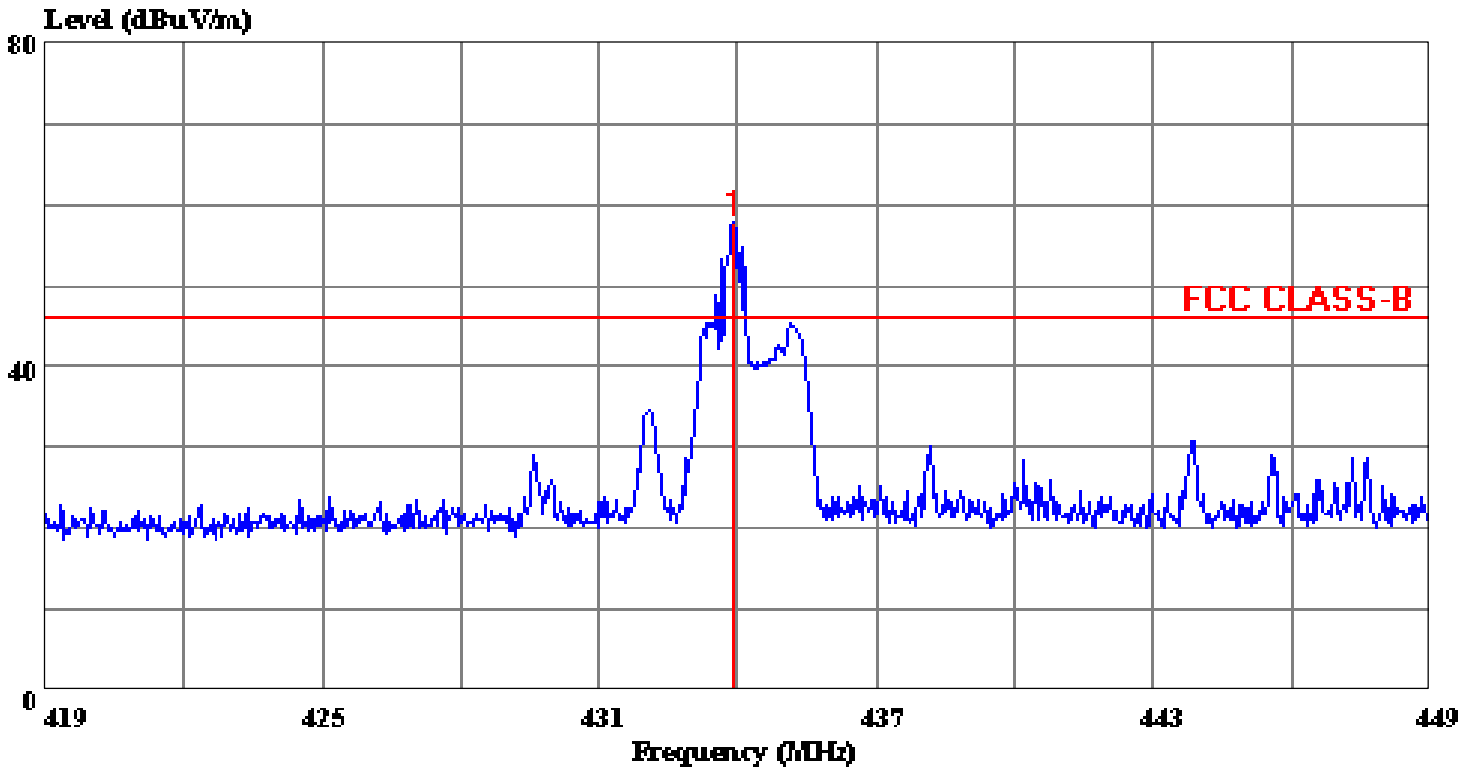
Condition: NEUTRAL
Report No. : 01E9409
Test Engr. : STANLEY CHENG
Company : VISION AUTOMOBILE ELECTRONICS INDUSTRIAL
EUT : CE2Y-PPR
Test Config : EUT/PC/MD/ME/PRN
Type of Test: FCC CLASS B
Mode of Op. : NORMAL MODE

Page: 1

	Read Freq	Read Level	Read Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.505	37.68	0.05	37.73	48.00	-10.27	Peak
2	1.005	34.49	0.08	34.57	48.00	-13.43	Peak
3	2.321	32.07	0.15	32.22	48.00	-15.78	Peak
4	4.952	28.23	0.27	28.50	48.00	-19.50	Peak
5	16.055	41.86	0.41	42.27	48.00	-5.73	Peak
6	24.015	40.10	0.49	40.59	48.00	-7.41	Peak

Data#: 9 File#: 9409.emi

Date: 2001-06-18 Time: 13:28:25



(CCS D-Site)

Trace: 3

Ref Trace:

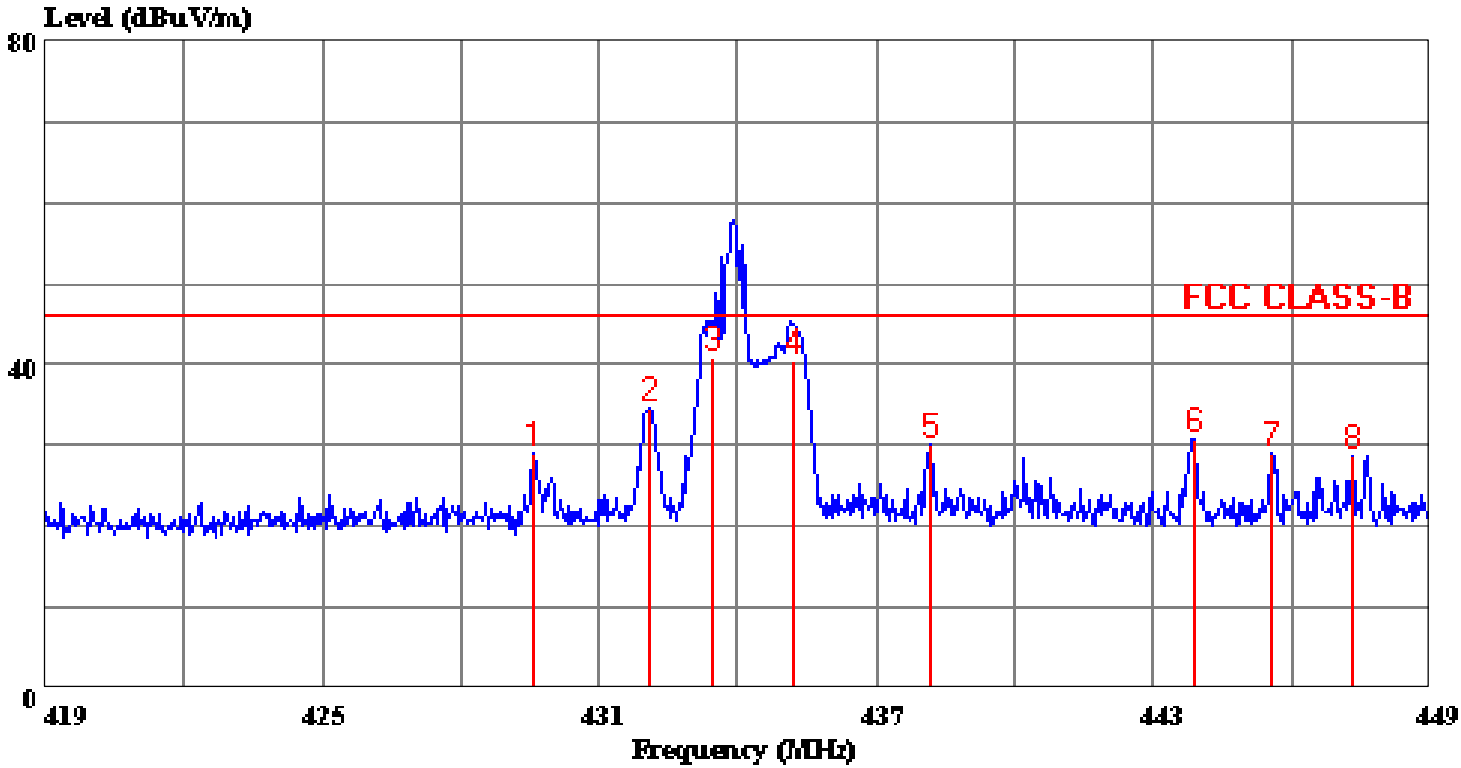
Condition: VERTICAL / 3M
 Report No. : 01E9409
 Test Engr. : VINCE CHIANG
 Company : VISION AUTOMOBILE ELECTRONICS INDUSTRIAL
 EUT : CE2Y-PPR
 Test Config : EUT/PC/MD/ME/MT/PRN
 Type of Test: FCC CLASS B
 Mode of Op. : Tx / Rx Mode

Page: 1

	Read
Freq	Level
MHz	dBuV
1 *	433.910 64.31

Data#: 7 File#: 9409.emi

Date: 2001-06-18 Time: 13:15:20



(CCS D-Site)

Trace: 3

Ref Trace:

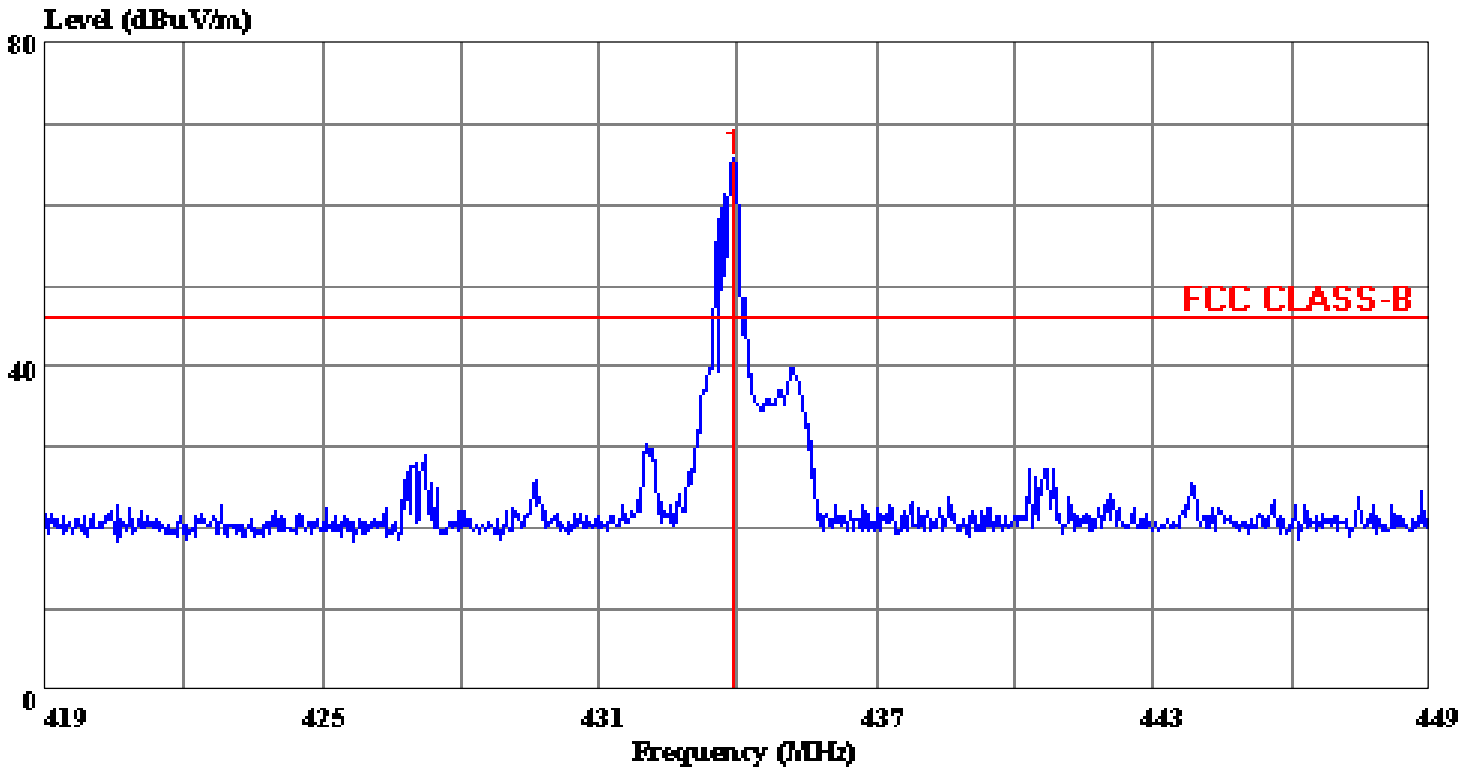
Condition: VERTICAL / 3M
 Report No. : 01E9409
 Test Engr. : VINCE CHIANG
 Company : VISION AUTOMOBILE ELECTRONICS INDUSTRIAL
 EUT : CE2Y-PPR
 Test Config : EUT/PC/MD/ME/MT/PRN
 Type of Test: FCC CLASS B
 Mode of Op. : Tx / Rx Mode

Page: 1

	Read	Read	Limit	Over		
Freq	Level	Factor	Level	Line	Limit	Remark
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	429.590	35.41	-6.38	29.03	46.00	-16.97 Peak
2	432.110	40.95	-6.35	34.59	46.00	-11.41 Peak
3	433.444	47.27	-6.33	40.94	46.00	-5.06 QP
4	435.221	46.87	-6.31	40.56	46.00	-5.44 QP
5	438.170	36.37	-6.28	30.10	46.00	-15.90 Peak
6	443.870	37.09	-6.20	30.88	46.00	-15.12 Peak
7	445.580	35.10	-6.18	28.92	46.00	-17.08 Peak
8	447.290	34.82	-6.16	28.66	46.00	-17.34 Peak

Data#: 10 File#: 9409.emi

Date: 2001-06-18 Time: 13:28:53



(CCS D-Site)

Trace: 4

Ref Trace:

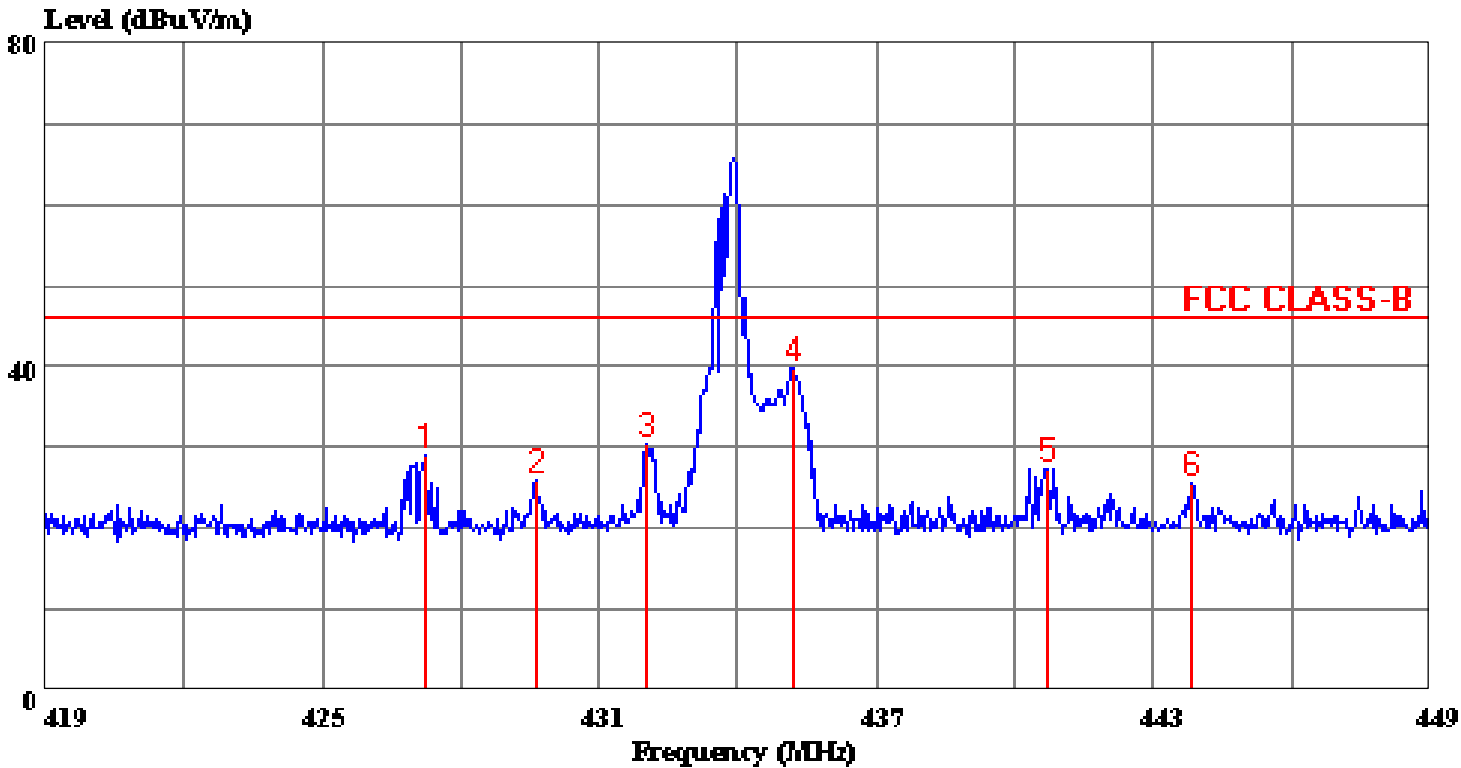
Condition: HORIZONTAL / 3M
 Report No. : 01E9409
 Test Engr. : VINCE CHIANG
 Company : VISION AUTOMOBILE ELECTRONICS INDUSTRIAL
 EUT : CE2Y-PPR
 Test Config : EUT/PC/MD/ME/MT/PRN
 Type of Test: FCC CLASS B
 Mode of Op. : Tx / Rx Mode

Page: 1

	Read
Freq	Level
MHz	dBuV
1 *	433.880 71.72

Data#: 8 File#: 9409.emi

Date: 2001-06-18 Time: 13:25:49



(CCS D-Site)

Trace: 4

Ref Trace:

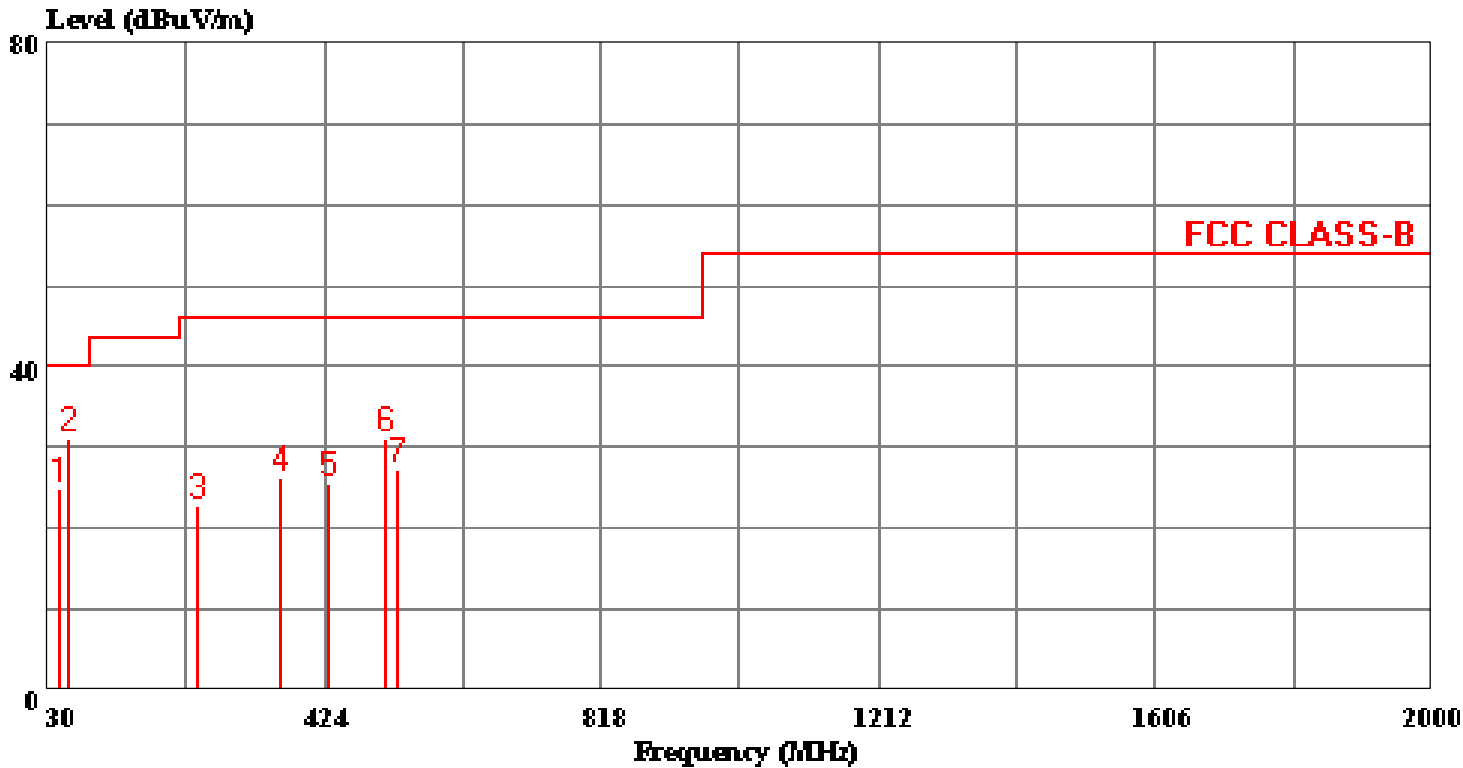
Condition: HORIZONTAL / 3M
Report No. : 01E9409
Test Engr. : VINCE CHIANG
Company : VISION AUTOMOBILE ELECTRONICS INDUSTRIAL
EUT : CE2Y-PPR
Test Config : EUT/PC/MD/ME/MT/PRN
Type of Test: FCC CLASS B
Mode of Op. : Tx / Rx Mode

Page: 1

	Read	Read	Limit	Over		
Freq	Level	Factor	Level	Line	Limit	Remark
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	427.220	35.33	-6.41	28.92	46.00	-17.08 Peak
2	429.620	32.26	-6.38	25.88	46.00	-20.12 Peak
3	432.050	36.70	-6.35	30.35	46.00	-15.65 Peak
4	435.170	46.20	-6.31	39.89	46.00	-6.11 Peak
5	440.690	33.71	-6.24	27.46	46.00	-18.54 Peak
6	443.840	31.73	-6.20	25.52	46.00	-20.48 Peak

Data#: 13 File#: 9409.emi

Date: 2001-06-18 Time: 13:39:08



(CCS D-Site)

Trace:

Ref Trace:

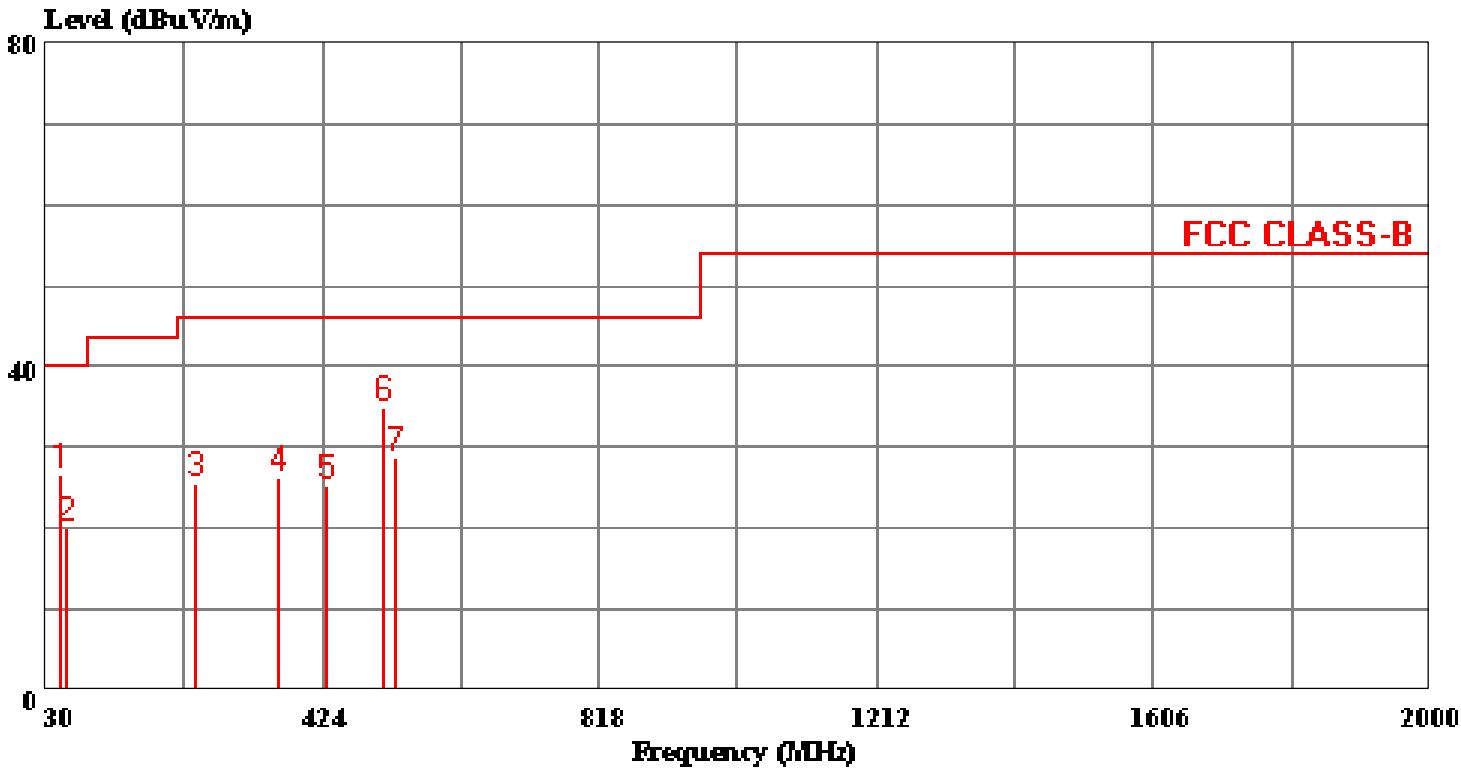
Condition: VERTICAL / 3M
 Report No. : 01E9409
 Test Engr. : VINCE CHIANG
 Company : VISION AUTOMOBILE ELECTRONICS INDUSTRIAL
 EUT : CE2Y-PPR
 Test Config : EUT/PC/MD/ME/PRN
 Type of Test: FCC CLASS B
 Mode of Op. : Data Reading form 30MHz To 2GHz

Page: 1

	Read	Read	Limit	Over		
	Freq	Level	Factor	Level	Line	Limit Remark
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1	48.028	42.12	-17.09	25.03	40.00	-14.97 Peak
2	57.767	50.19	-18.90	31.29	40.00	-8.71 Peak
3	241.111	34.09	-11.37	22.72	46.00	-23.28 Peak
4	360.067	34.02	-7.75	26.27	46.00	-19.73 Peak
5	429.889	32.16	-6.39	25.77	46.00	-20.23 Peak
6	508.794	36.51	-5.42	31.09	46.00	-14.91 Peak
7	528.078	32.37	-5.00	27.37	46.00	-18.63 Peak

Data#: 15 File#: 9409.emi

Date: 2001-06-18 Time: 14:00:22



(CCS D-Site)

Trace:

Ref Trace:

Condition: HORIZONTAL / 3M
 Report No. : 01E9409
 Test Engr. : VINCE CHIANG
 Company : VISION AUTOMOBILE ELECTRONICS INDUSTRIAL
 EUT : CE2Y-PPR
 Test Config : EUT/PC/MD/ME/PRN
 Type of Test: FCC CLASS B
 Mode of Op. : Data Reading form 30MHz To 2GHz

Page: 1

	Read	Read	Limit	Over			
	Freq	Level	Factor	Level	Line	Limit	Remark
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	49.761	44.53	-17.72	26.81	40.00	-13.19	Peak
2	57.750	38.84	-18.90	19.94	40.00	-20.06	Peak
3	241.056	36.96	-11.37	25.59	46.00	-20.41	Peak
4	360.060	33.92	-7.75	26.17	46.00	-19.83	Peak
5	429.522	31.81	-6.40	25.41	46.00	-20.59	Peak
6	508.760	40.39	-5.42	34.97	46.00	-11.03	Peak
7	528.118	33.69	-5.00	28.69	46.00	-17.31	Peak