

FCC RADIO TEST REPORT

Applicant's Company	SIRIUS SATELLITE RADIO.
Applicant Address	989 Lenox Drive Suite 212 Lawrenceville, New Jersey 08648
Manufacturer's Company	Wistron NeWeb Corporation
Manufacturer Address	No. 10-1, Li-hsin Road I, Science-Baded Industrial Park, Hsinchu 300, Taiwan, R.O.C.
Product Name	Stratus 3
Brand Name	Sirius
Model Name	SV3TK1
Received Date	Dec. 02, 2009
Final Test Date	Dec. 04, 2009

1. General Description of Equipment under Test

Part	Description of Test	Under Limit
3.1	Radiated Emissions	3.36 dB
3.2	Field Strength of Fundamental Emissions	0.09 dB

Note: Due to the frequency shift for PK data equipment, the PK frequency should follow the AV data equipment in section 3.2.

2. GENERAL INFORMATION

2.1 Table for Carrier Frequencies

Frequency Band	Channel No.	Frequency
88 ~ 108MHz	1	88.1 MHz
	2	88.3 MHz
	:	:
	50	97.9 MHz
	51	98.1 MHz
	52	98.3 MHz
	:	:
	99	107.7 MHz
	100	107.9 MHz

2.2 Test Modes

Mode 1: Medium Car (Ford, MONDEO) + SV3TK1

Mode 2: Small Car (Toyota, COROLLA) + SV3TK1

Mode 3: Large Car (Ford, IXION) + SV3TK1

2.3 Table for Testing Locations

Test Site No.	Site Category	Location
10CH01-HY	SAC	Hwa Ya

Semi Anechoic Chamber (SAC)

2.4 Test Procedure

1. Put the vehicle in the center of turn table and put the **Radio with Van Mount** in the car . The distance between Vehicle edge and Bi-Log antenna is 3 meters (**Need to adjust for different Radial Angel**). Connect DNP, SDPIV1(car dock), iFMCLA, Car antenna and audio adapter.
2. Play SMIQ and to make sure Radio works properly with channel name showing.
3. Tune the FM TX to specified frequency (Refer to Table 1). Set the polarization to vertical.
4. Turn **8 radial angles** and continuously move antenna height from 1m to 4m to record the maximum emission strength, antenna height with frequency range from 30MHz to 1100MHz. **Record the azimuth (specified 8 radials) for each data point**
5. Change polarization to horizontal and process the step 4 again.
6. Change Radio to other Radio and process the step 3 to 5 again.
7. Change to other 2 vehicles and process the step 3 to 6 again.

2.5 Measuring Instruments and Setting

<Radiated Emissions>

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

<Field Strength of Fundamental Emissions>

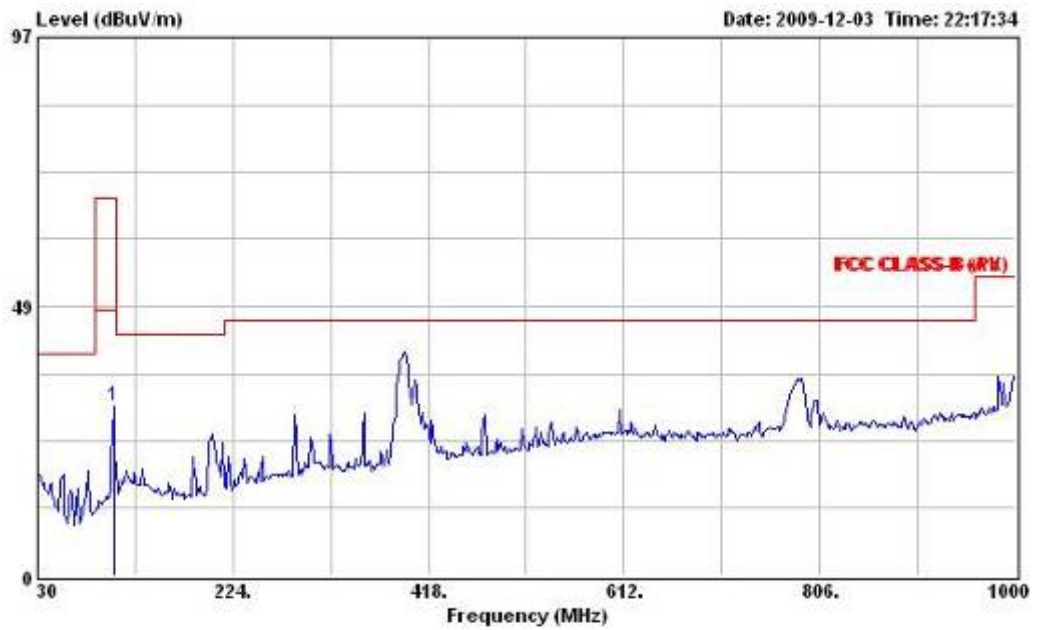
Receiver Parameter	Setting
Attenuation	Auto
Center Frequency	Fundamental Frequency
RB	120 KHz
Detector	Peak / QP / Average

3. TEST RESULT

3.1 Results for Radiated Emissions

Temperature	20°C	Humidity	58%
Configurations	107.5 MHz/ 0° / Mode 1		

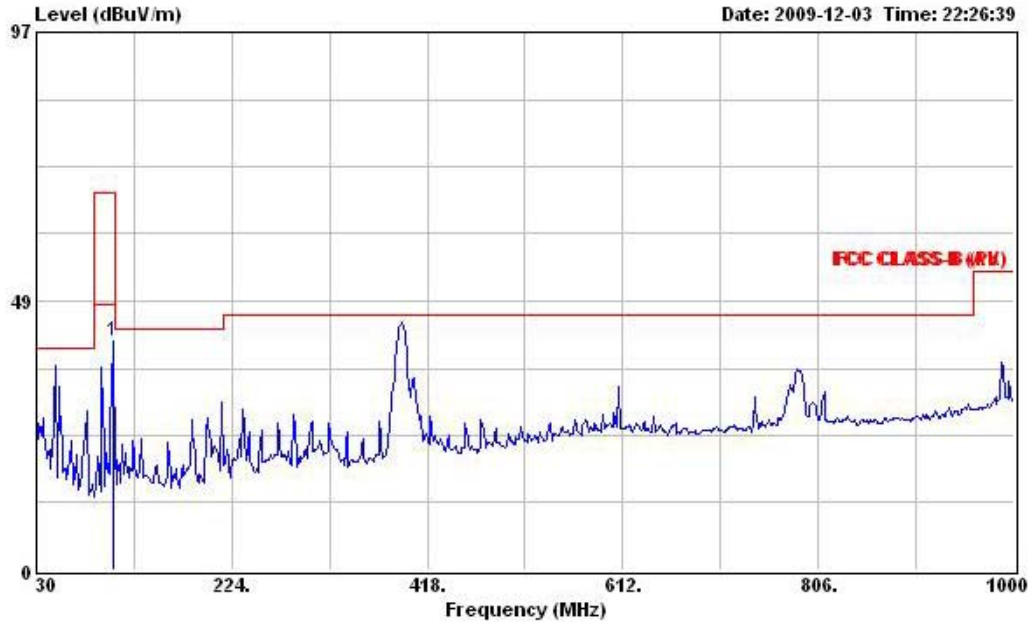
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD MONDEO
 Memo : 0度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	30.57	-37.43	68.00	44.22	2.34	12.08	28.07	Peak	---	---

Vertical



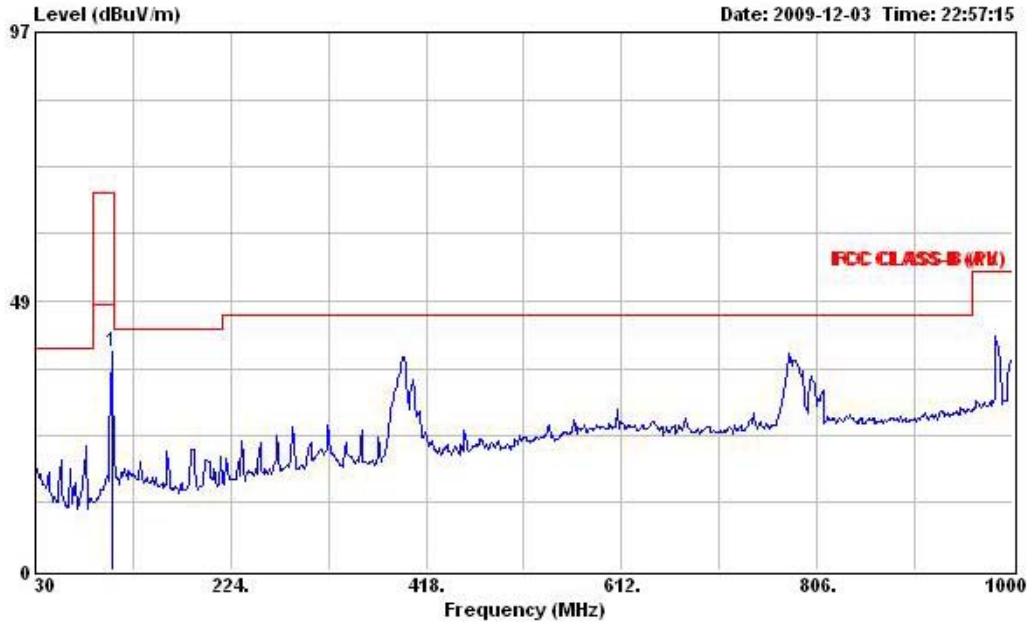
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD MONDEO
 Memo : 0度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	41.39	-26.61	68.00	55.04	2.34	12.08	28.07	Peak	---	---

Note: Emissions measured with the Average detector can be found in a separate section of this report.

Temperature	20°C	Humidity	58%
Configurations	107.5 MHz/ 45° / Mode 1		

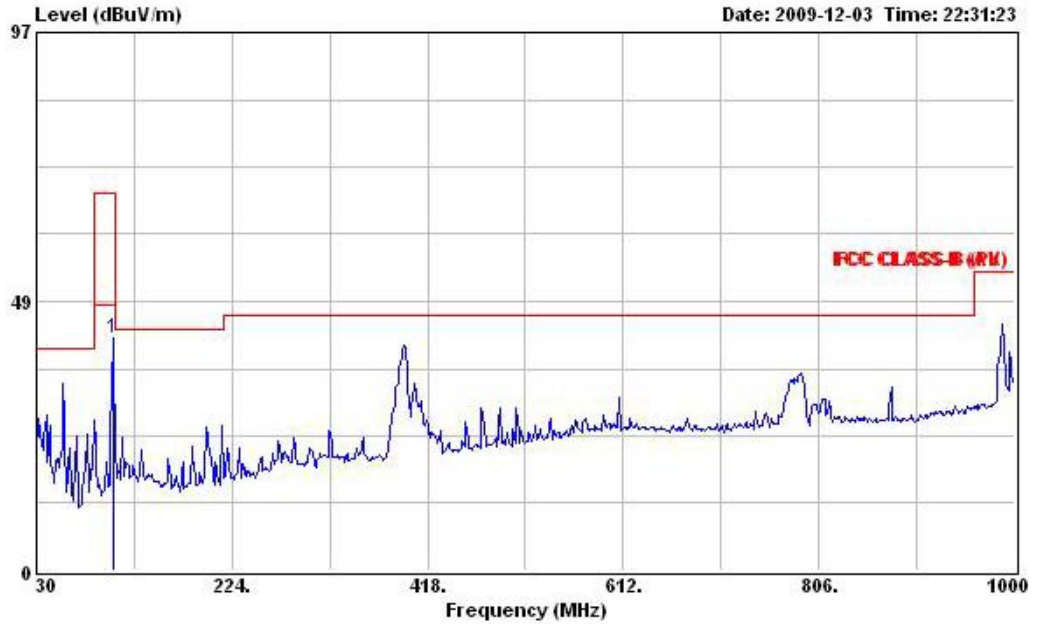
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD MONDEO
 Memo : 45度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	39.41	-28.59	68.00	53.06	2.34	12.08	28.07	Peak	---	---

Vertical



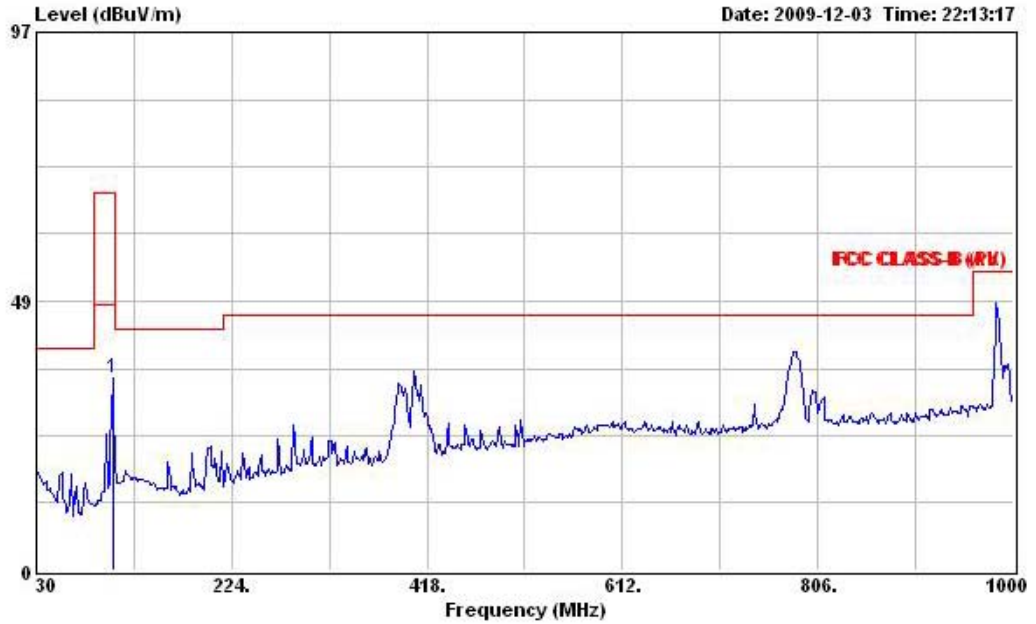
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD MONDEO
 Memo : 45度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	42.02	-25.98	68.00	55.67	2.34	12.08	28.07	Peak	---	---

Note: Emissions measured with the Average detector can be found in a separate section of this report.

Temperature	20°C	Humidity	58%
Configurations	107.5 MHz/ 90° / Mode 1		

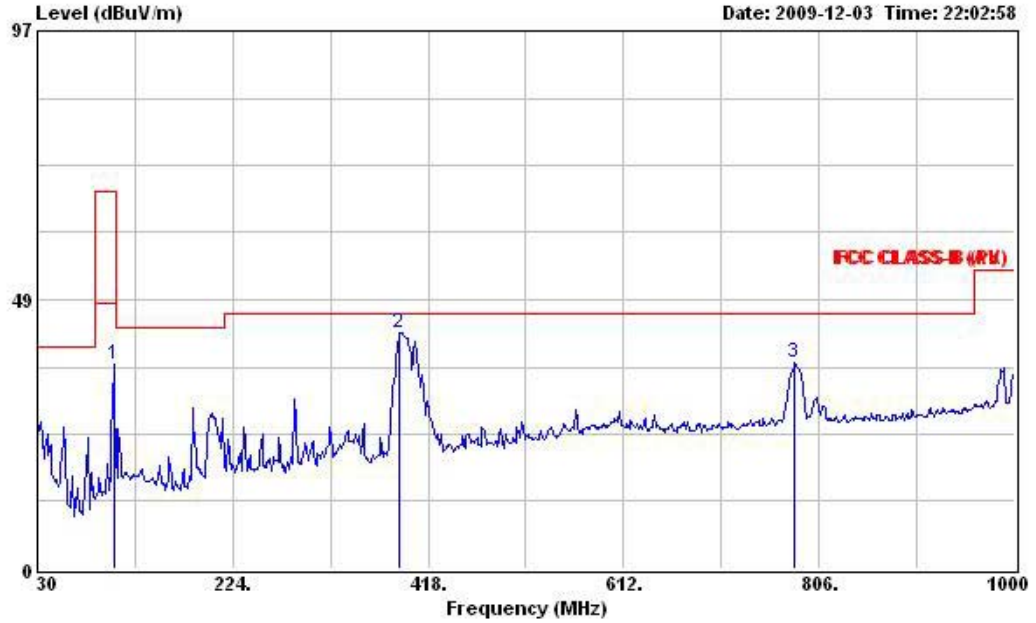
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD MONDEO
 Memo : 90度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	34.79	-33.21	68.00	48.44	2.34	12.08	28.07	Peak	---	---

Vertical



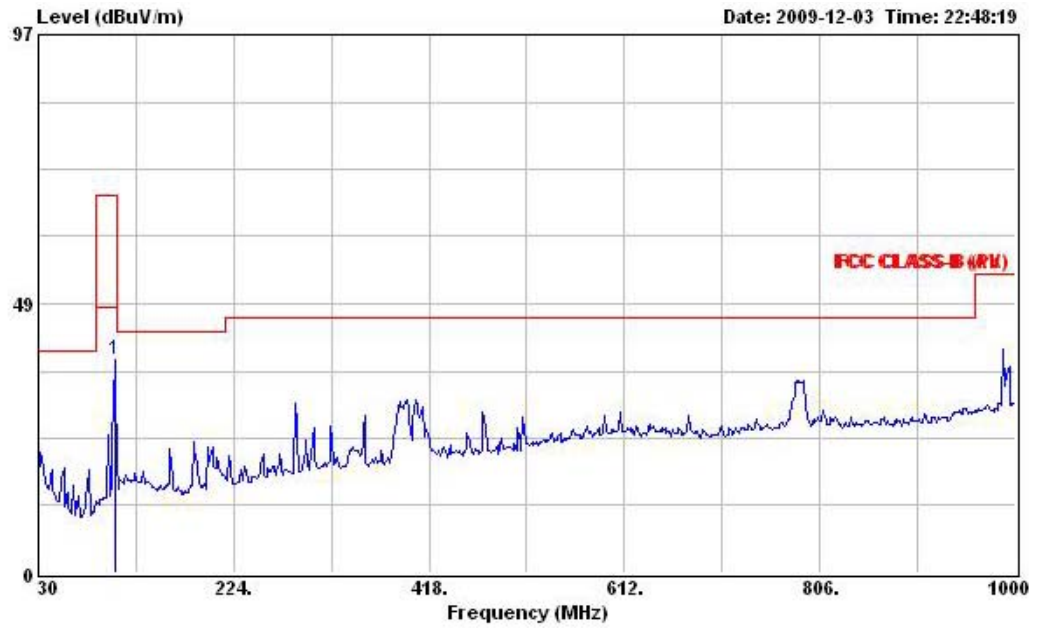
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD MONDEO
 Memo : 90度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	36.89	-31.11	68.00	50.54	2.34	12.08	28.07	Peak	---	---
2	389.870	42.64	-3.36	46.00	51.17	4.23	15.17	27.93	Peak	---	---
3	781.750	37.06	-8.94	46.00	39.60	5.57	19.94	28.05	Peak	---	---

Note: Emissions measured with the Average detector can be found in a separate section of this report.

Temperature	20°C	Humidity	58%
Configurations	107.5 MHz/ 135° / Mode 1		

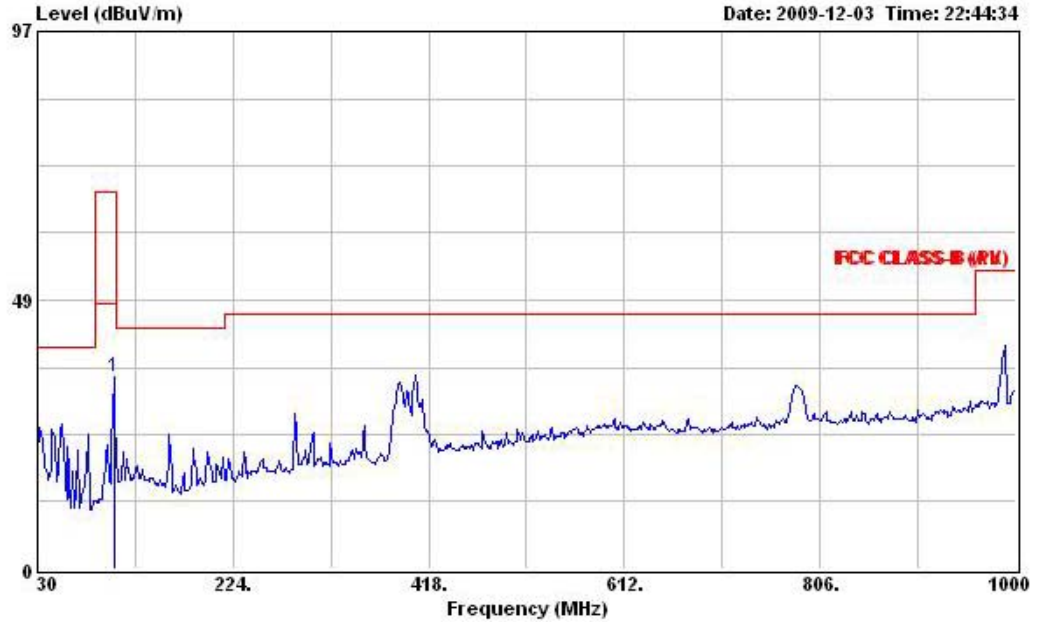
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD MONDEO
 Memo : 135度

	Freq	Level	Over	Limit	Read	Cable	Probe	Preamp	Remark	Ant	Table
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	38.55	-29.45	68.00	52.20	2.34	12.08	28.07	Peak	---	---

Vertical



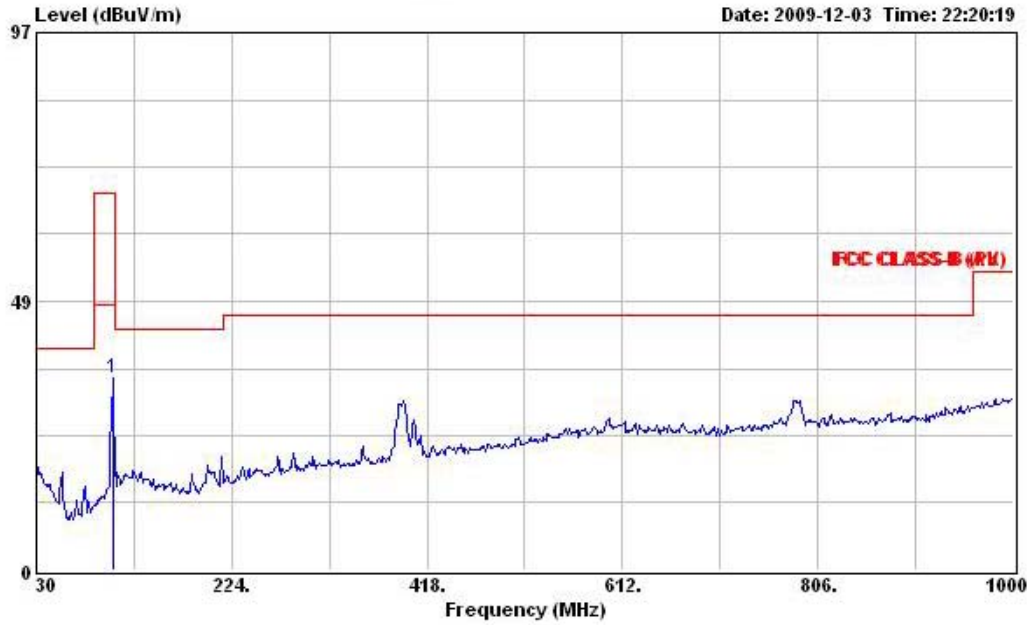
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD MONDEO
 Memo : 135度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	34.67	-33.33	68.00	48.32	2.34	12.08	28.07	Peak	---	---

Note: Emissions measured with the Average detector can be found in a separate section of this report.

Temperature	20°C	Humidity	58%
Configurations	107.5 MHz/ 180° / Mode 1		

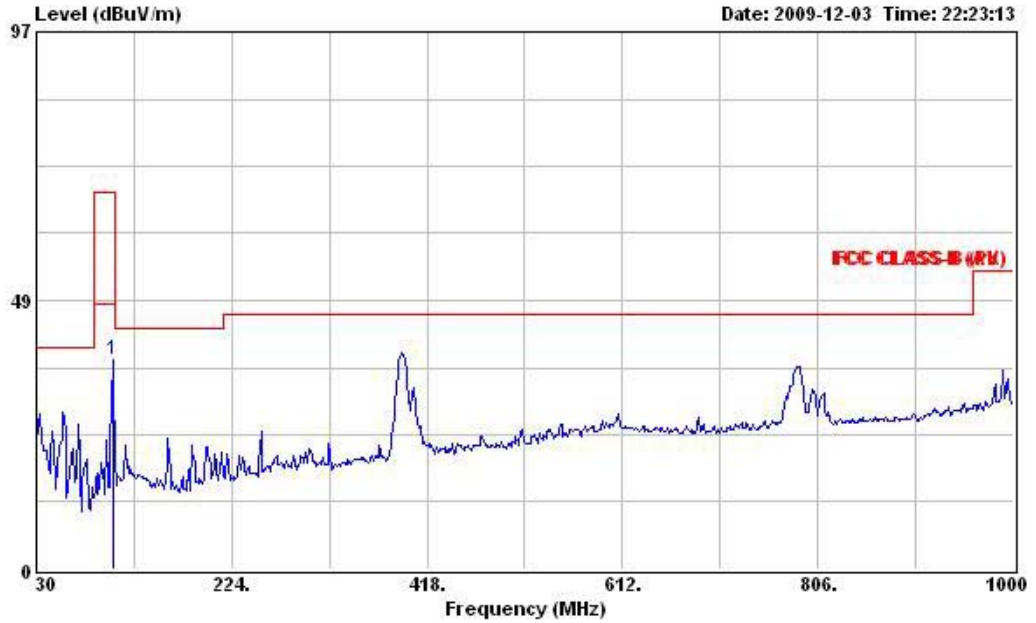
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD MONDEO
 Memo : 180度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	34.68	-33.32	68.00	48.33	2.34	12.08	28.07	Peak	---	---

Vertical



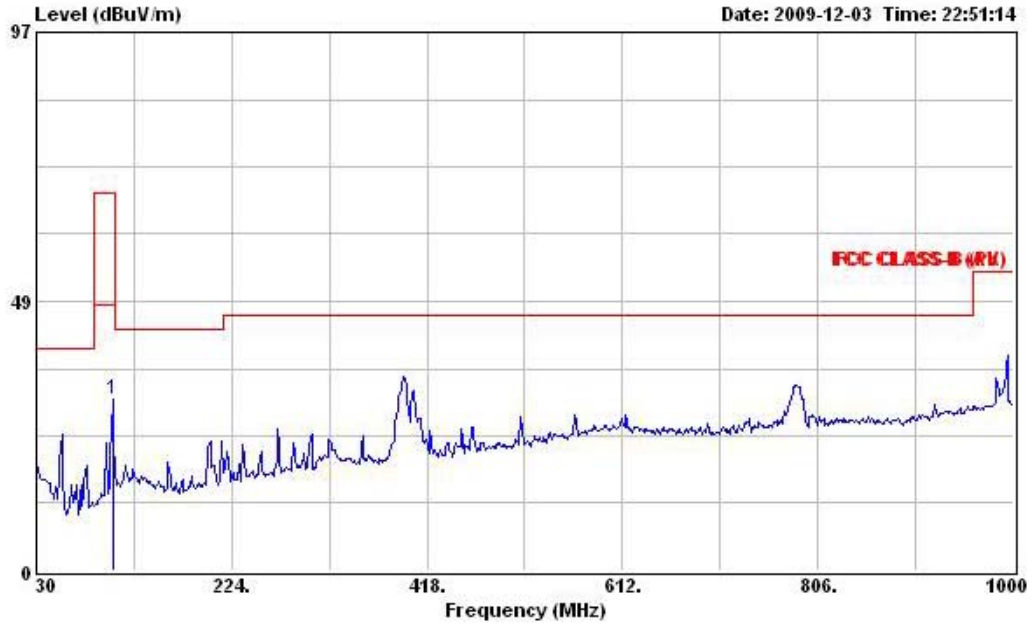
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD MONDEO
 Memo : 180度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	37.81	-30.19	68.00	51.46	2.34	12.08	28.07	Peak	---	---

Note: Emissions measured with the Average detector can be found in a separate section of this report.

Temperature	20°C	Humidity	58%
Configurations	107.5 MHz/ 225° / Mode 1		

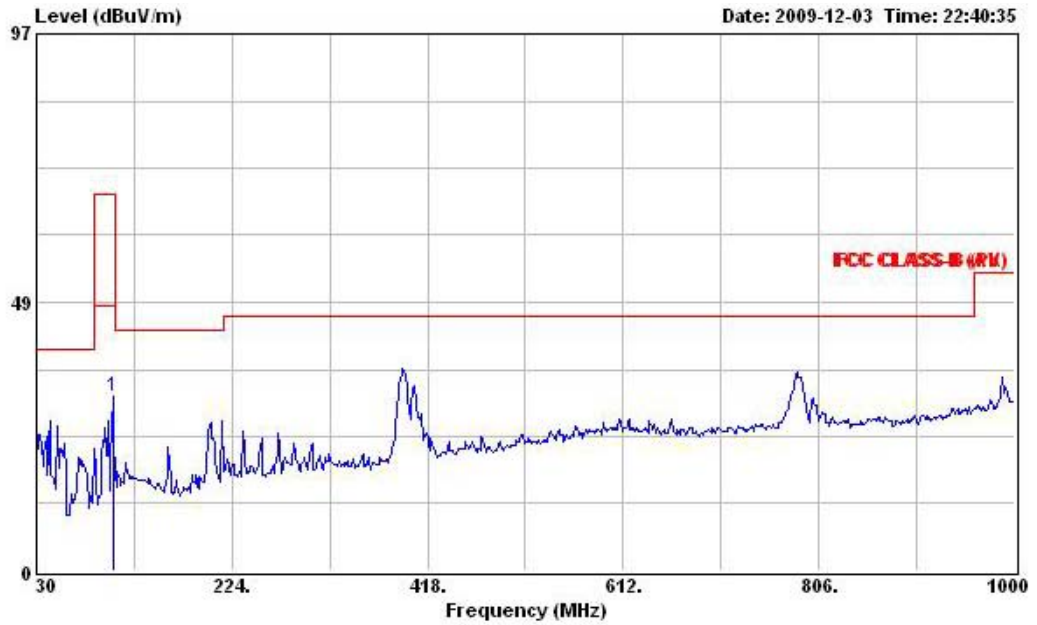
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD MONDEO
 Memo : 225度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	30.74	-37.26	68.00	44.39	2.34	12.08	28.07	Peak	---	---

Vertical



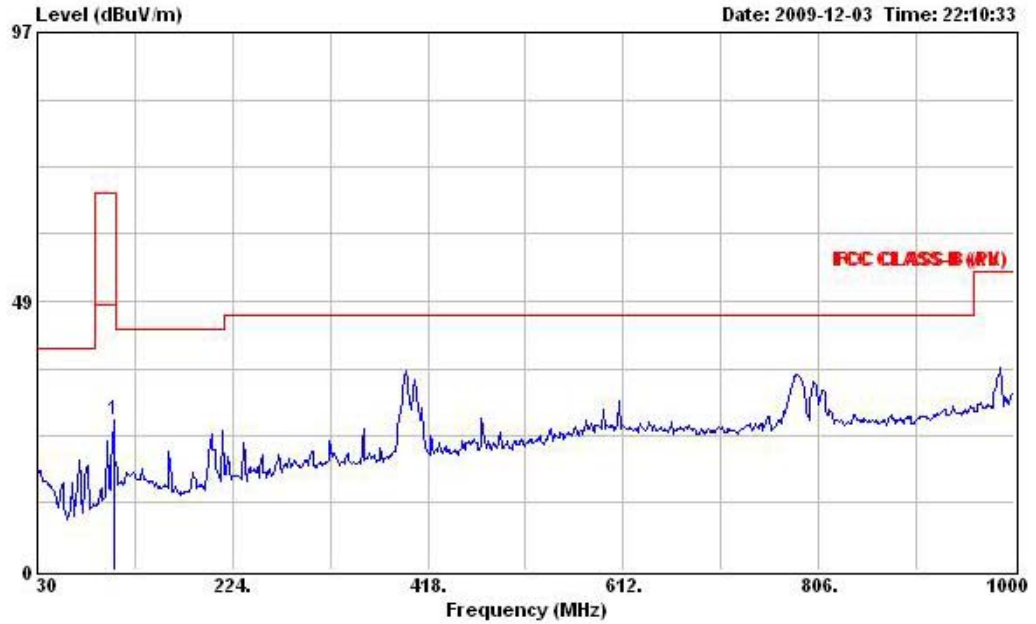
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD MONDEO
 Memo : 225度

	Freq	Level	Over	Limit	Read	Cable	Probe	Preamp	Remark	Ant	Table
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	31.34	-36.66	68.00	44.99	2.34	12.08	28.07	Peak	---	---

Note: Emissions measured with the Average detector can be found in a separate section of this report.

Temperature	20°C	Humidity	58%
Configurations	107.5 MHz/ 270° / Mode 1		

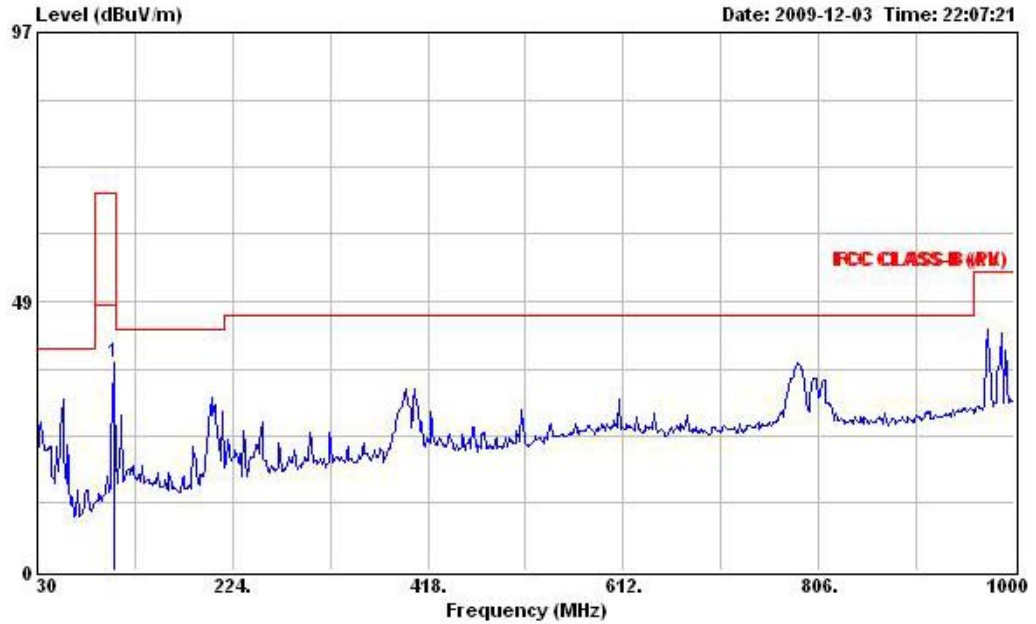
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD MONDEO
 Memo : 270度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	27.01	-40.99	68.00	40.66	2.34	12.08	28.07	Peak	---	---

Vertical



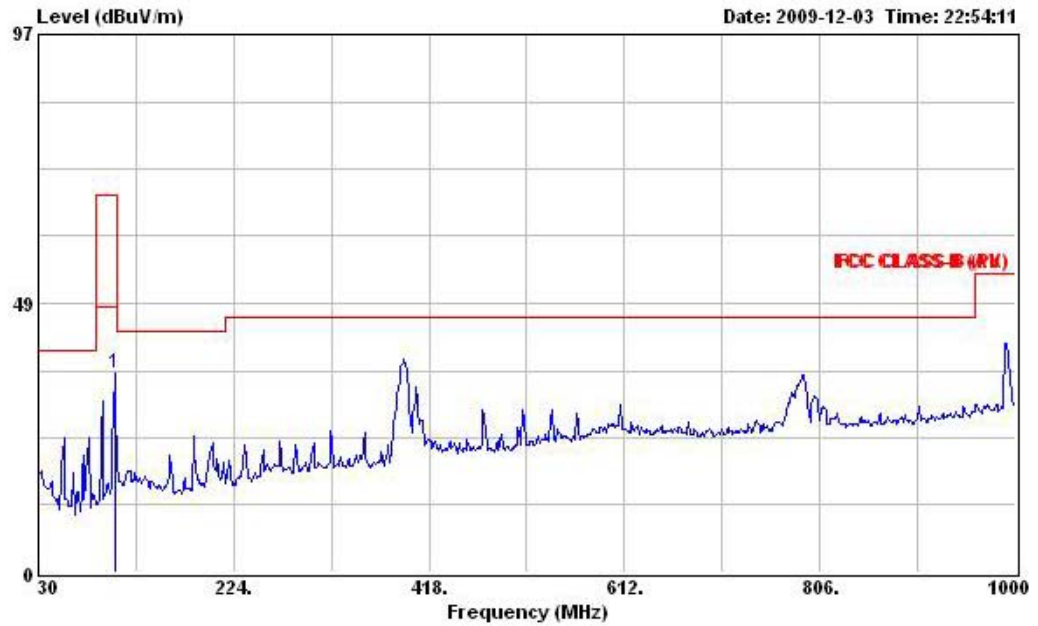
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD MONDEO
 Memo : 270度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	37.58	-30.42	68.00	51.23	2.34	12.08	28.07	Peak	---	---

Note: Emissions measured with the Average detector can be found in a separate section of this report.

Temperature	20°C	Humidity	58%
Configurations	107.5 MHz/ 315° / Mode 1		

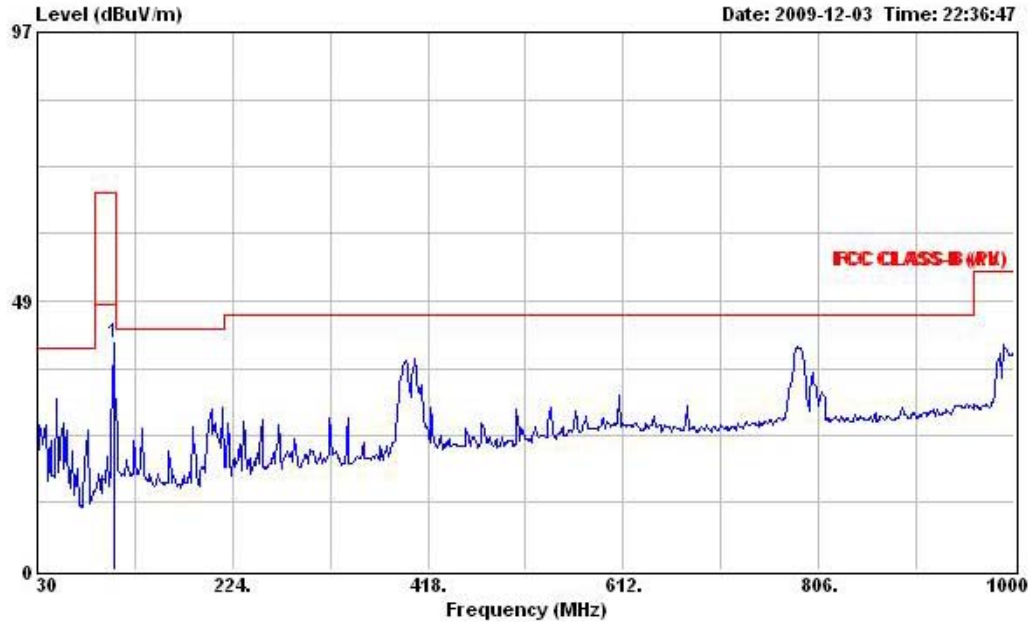
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD MONDEO
 Memo : 315度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	35.88	-32.12	68.00	49.53	2.34	12.08	28.07	Peak	---	---

Vertical



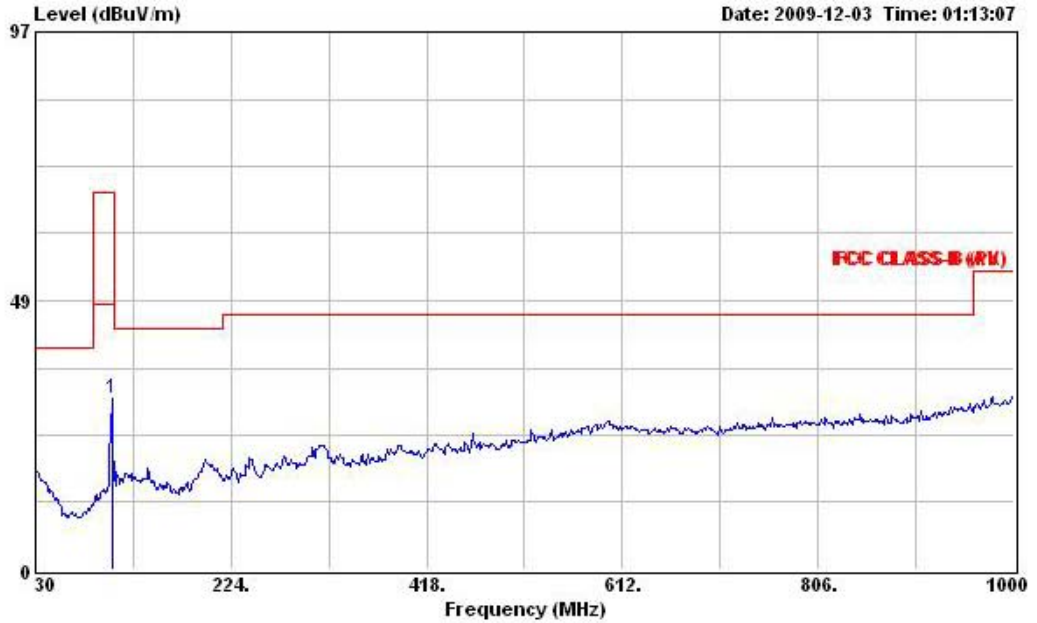
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 EUT : Stratus 3
 Power :
 model : FM107.5M
 Memo : FORD MONDEO
 Memo : 315度

	Freq	Level	Over	Limit	Read	Cable	Probe	Preamp	Remark	Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Factor		Pos	Pos
			dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	40.99	-27.01	68.00	54.64	2.34	12.08	28.07	Peak	---	---

Note: Emissions measured with the Average detector can be found in a separate section of this report.

Temperature	20°C	Humidity	58%
Configurations	107.5 MHz/ 0° / Mode 2		

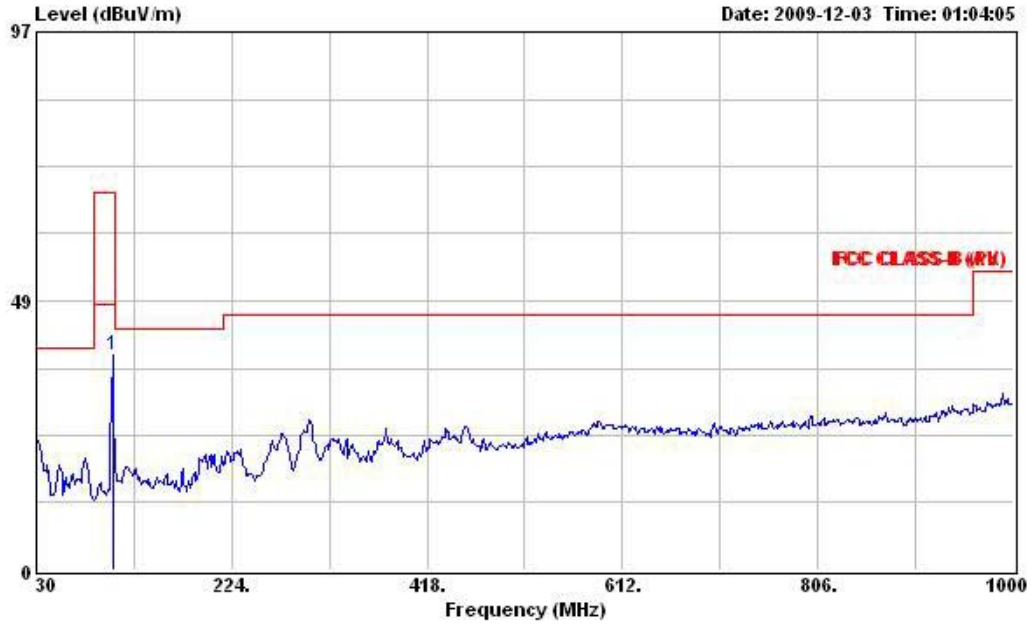
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : TOYOTA COROLLA
 Memo : 0度

	Freq	Level	Over	Limit	Read	Cable	Probe	Preamp	Remark	Ant	Table
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	30.72	-37.28	68.00	44.37	2.34	12.08	28.07	Peak	---	---

Vertical



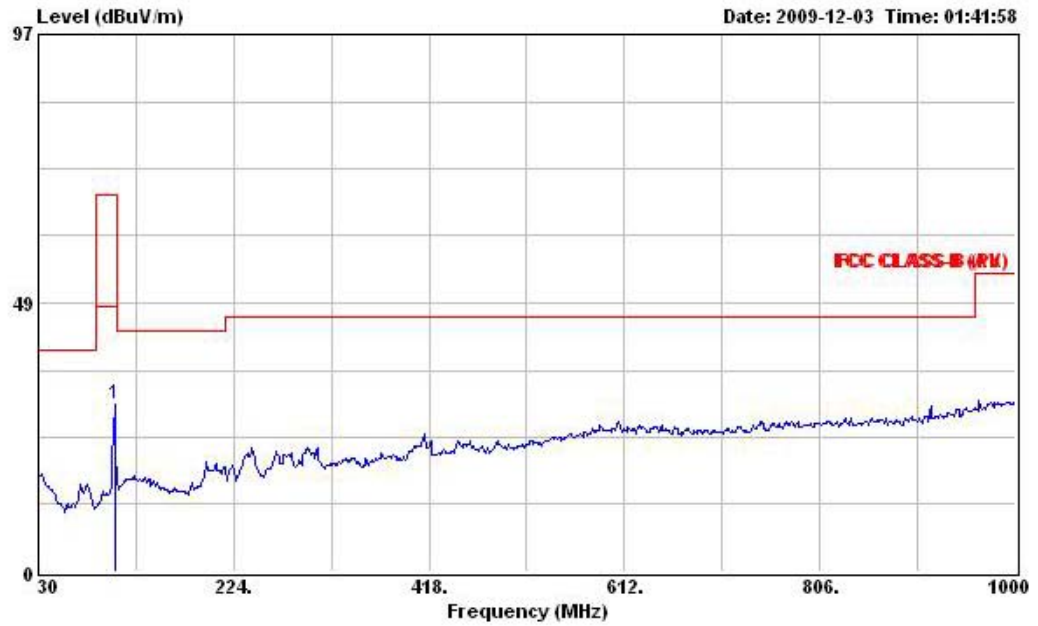
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : TOYOTA COROLLA
 Memo : 0度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	38.74	-29.26	68.00	52.39	2.34	12.08	28.07	Peak	---	---

Note: Emissions measured with the Average detector can be found in a separate section of this report.

Temperature	20°C	Humidity	58%
Configurations	107.5 MHz/ 45° / Mode 2		

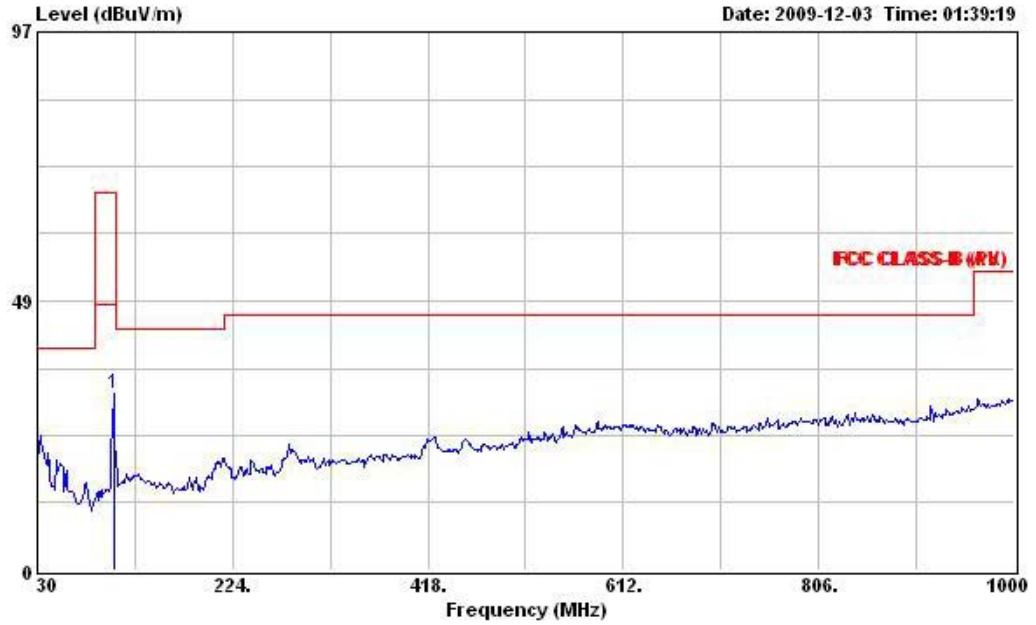
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : TOYOTA COROLLA
 Memo : 45度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	30.18	-37.82	68.00	43.83	2.34	12.08	28.07	Peak	---	---

Vertical



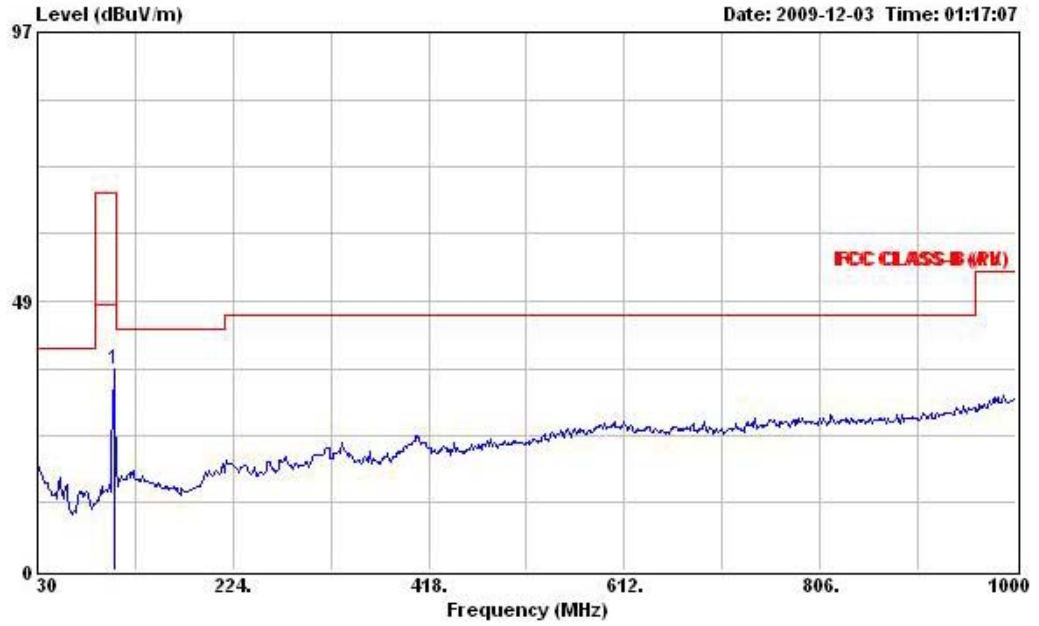
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : TOYOTA COROLLA
 Memo : 45度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	31.96	-36.04	68.00	45.61	2.34	12.08	28.07	Peak	---	---

Note: Emissions measured with the Average detector can be found in a separate section of this report.

Temperature	20°C	Humidity	58%
Configurations	107.5 MHz/ 90° / Mode 2		

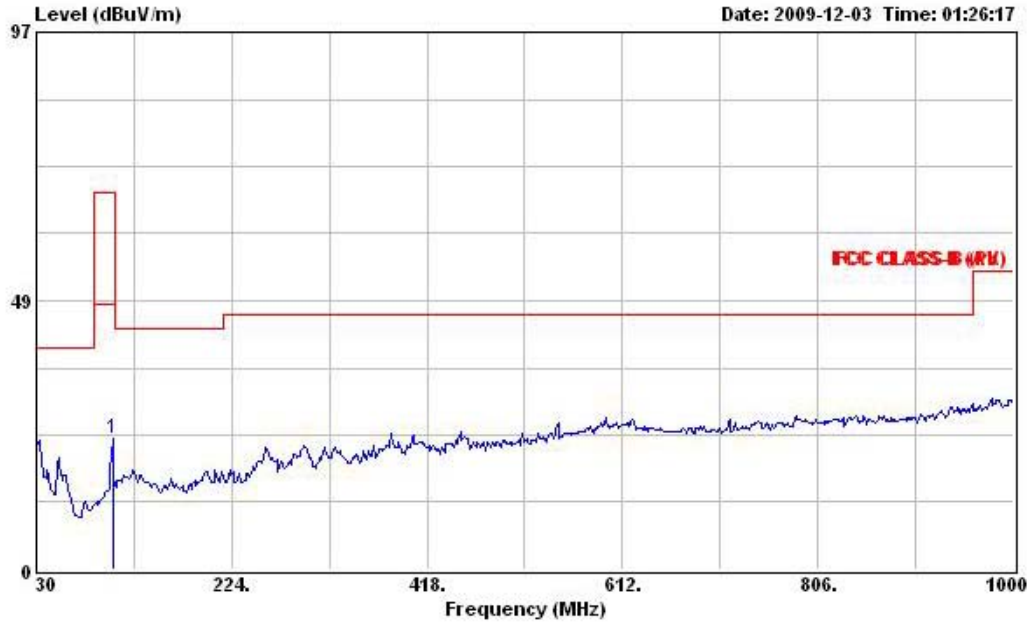
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 EUT : Stratus 3
 Power :
 model : FM107.5M
 Memo : TOYOTA COROLLA
 Memo : 90度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	36.26	-31.74	68.00	49.91	2.34	12.08	28.07	Peak	---	---

Vertical



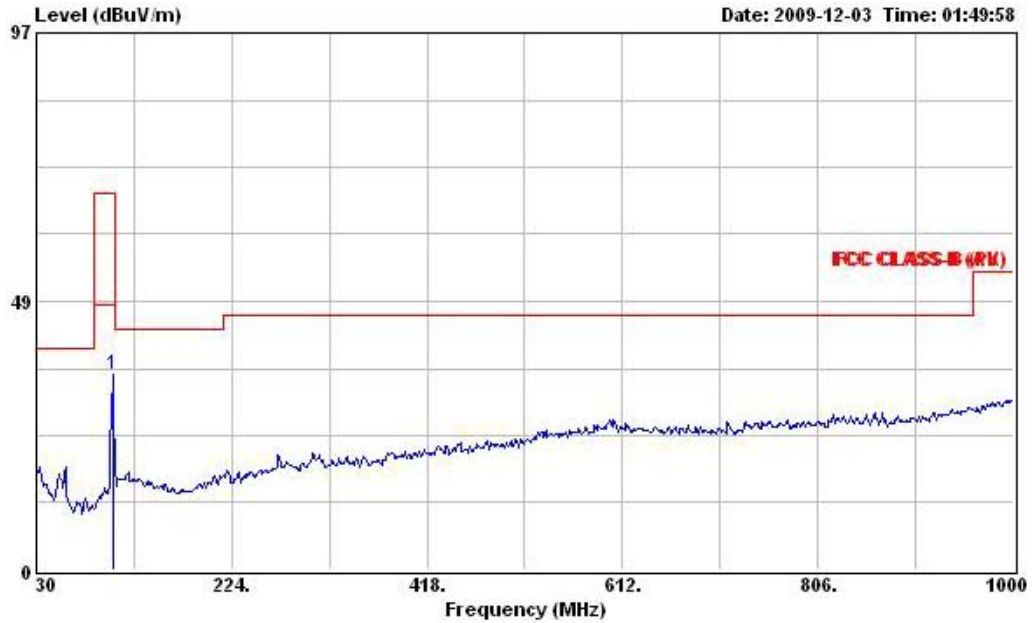
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : TOYOTA COROLLA
 Memo : 90度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	23.76	-44.24	68.00	37.41	2.34	12.08	28.07	Peak	---	---

Note: Emissions measured with the Average detector can be found in a separate section of this report.

Temperature	20°C	Humidity	58%
Configurations	107.5 MHz/ 135° / Mode 2		

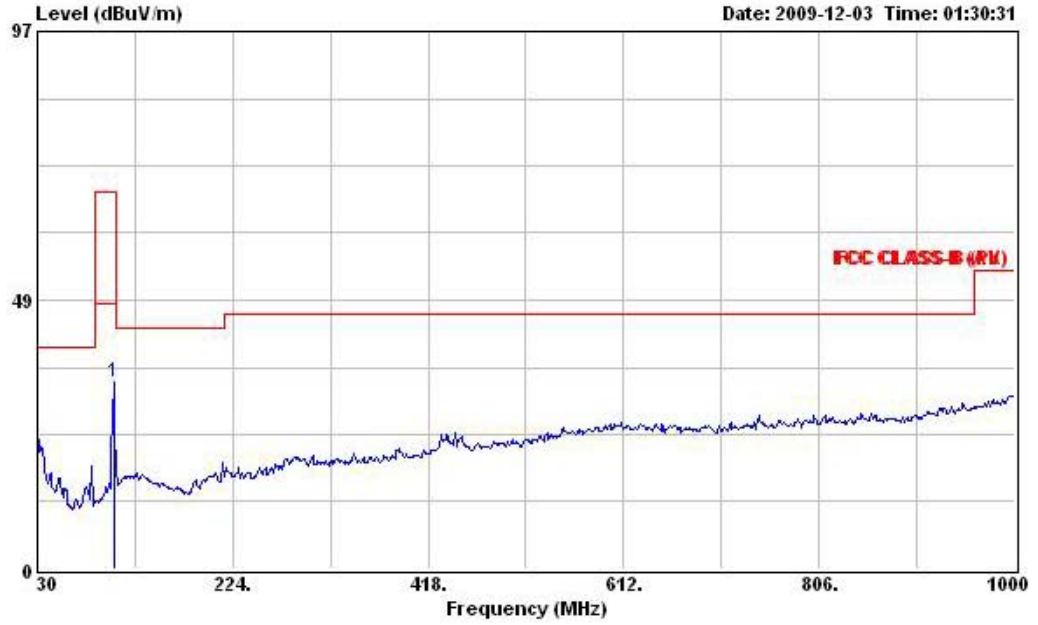
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : TOYOTA COROLLA
 Memo : 135度

	Freq	Level	Over	Limit	Read	Cable	Probe	Preamp	Remark	Ant	Table
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	35.42	-32.58	68.00	49.07	2.34	12.08	28.07	Peak	---	---

Vertical



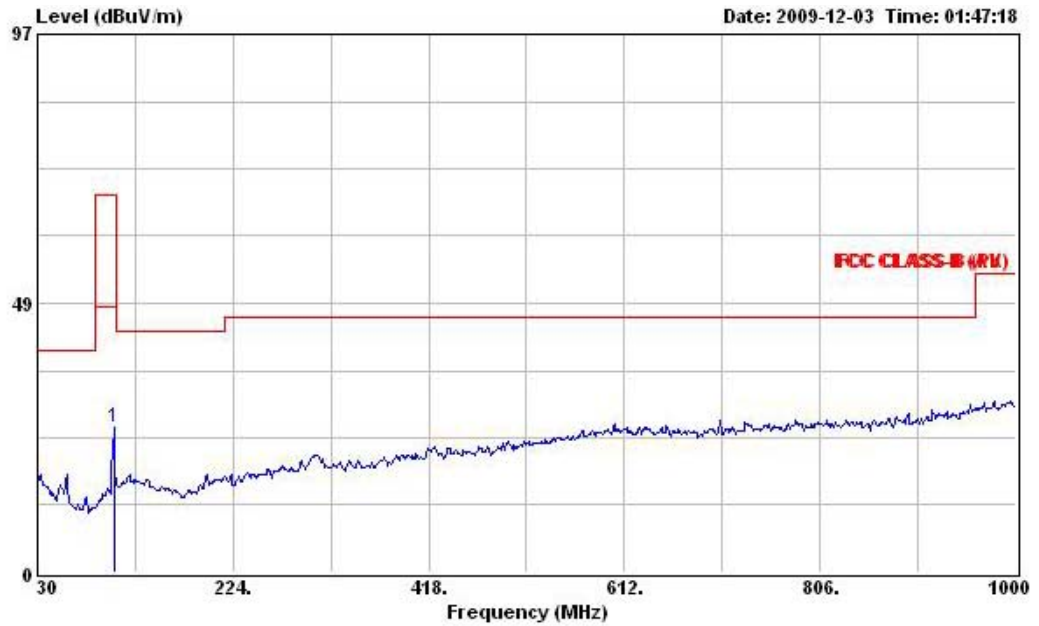
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : TOYOTA COROLLA
 Memo : 135度

	Freq	Level	Over	Limit	Read	Cable	Probe	Preamp	Remark	Ant	Table
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	33.64	-34.36	68.00	47.29	2.34	12.08	28.07	Peak	---	---

Note: Emissions measured with the Average detector can be found in a separate section of this report.

Temperature	20°C	Humidity	58%
Configurations	107.5 MHz/ 225° / Mode 2		

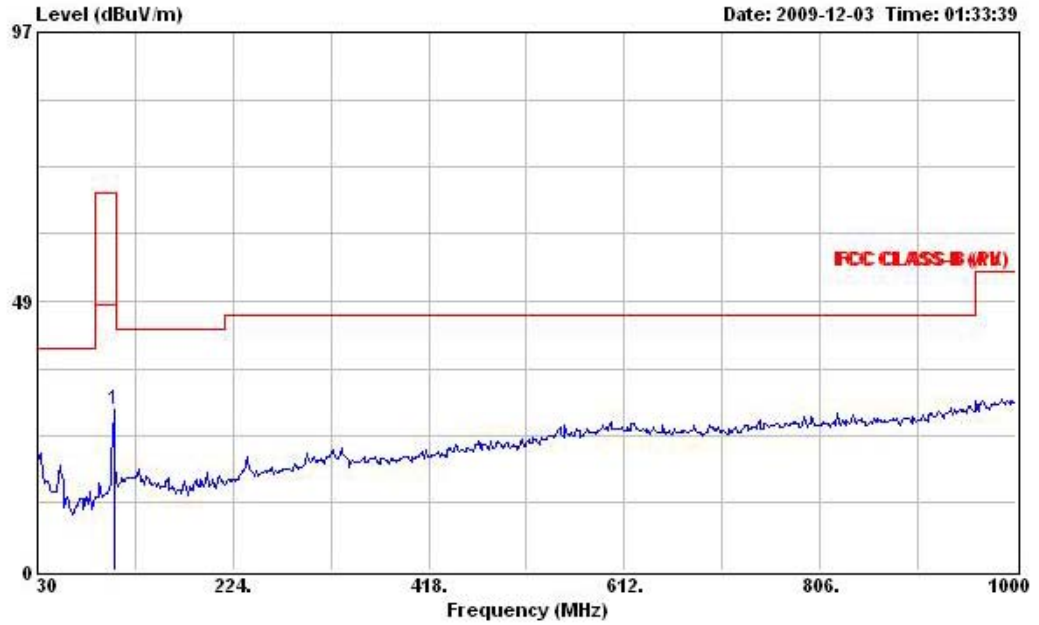
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : TOYOTA COROLLA
 Memo : 225度

	Freq	Level	Over	Limit	Read	Cable	Probe	Preamp	Remark	Ant	Table
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	26.10	-41.90	68.00	39.75	2.34	12.08	28.07	Peak	---	---

Vertical



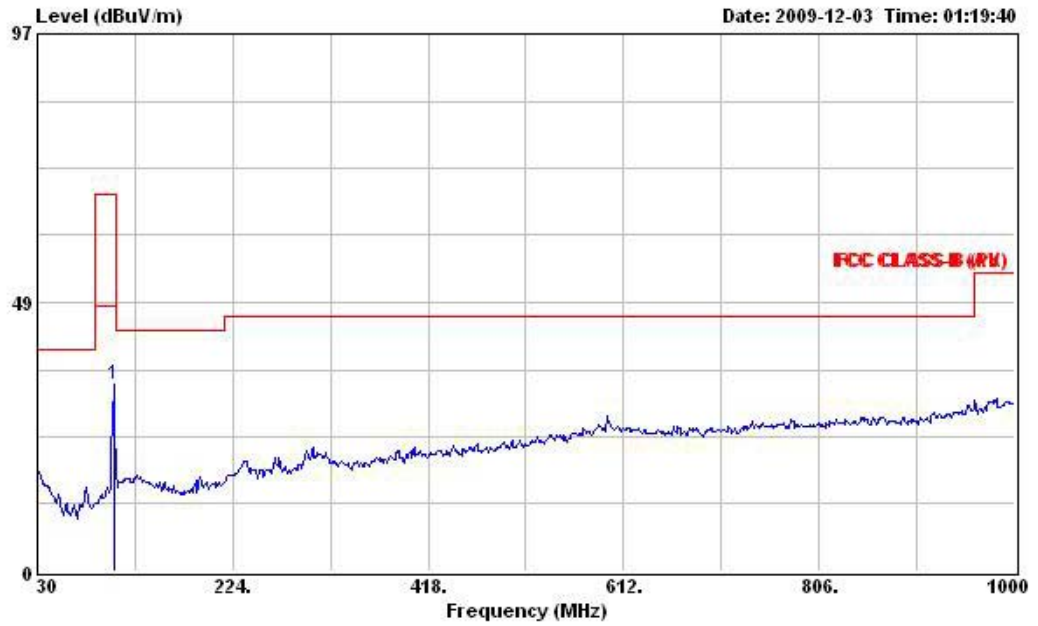
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 EUT : Stratus 3
 Power :
 model : FM107.5M
 Memo : TOYOTA COROLLA
 Memo : 225度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	28.82	-39.18	68.00	42.47	2.34	12.08	28.07	Peak	---	---

Note: Emissions measured with the Average detector can be found in a separate section of this report.

Temperature	20°C	Humidity	58%
Configurations	107.5 MHz/ 270° / Mode 2		

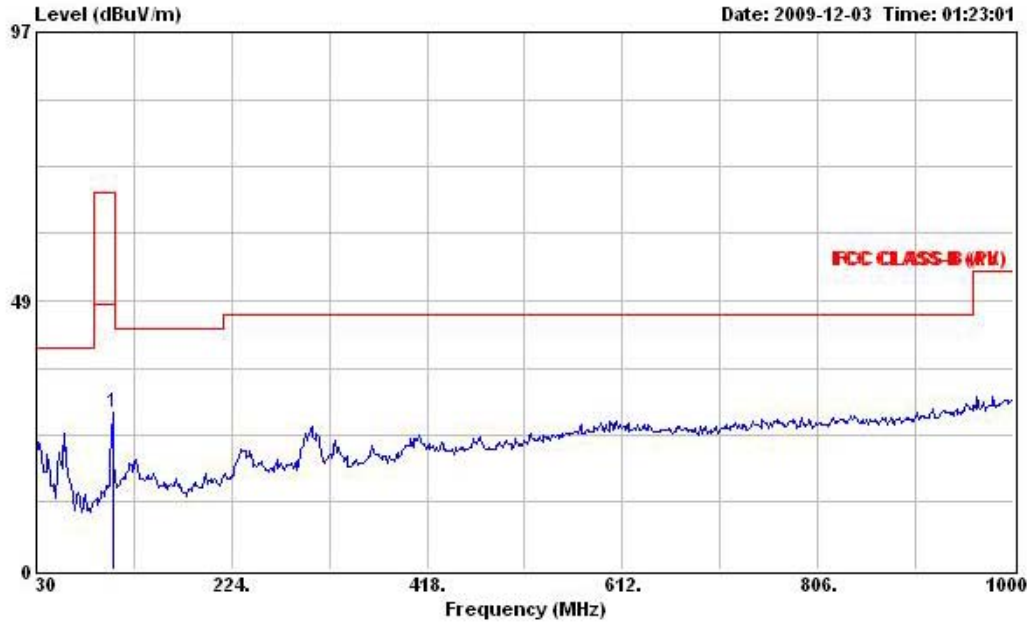
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : TOYOTA COROLLA
 Memo : 270度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	33.63	-34.37	68.00	47.28	2.34	12.08	28.07	Peak	---	---

Vertical



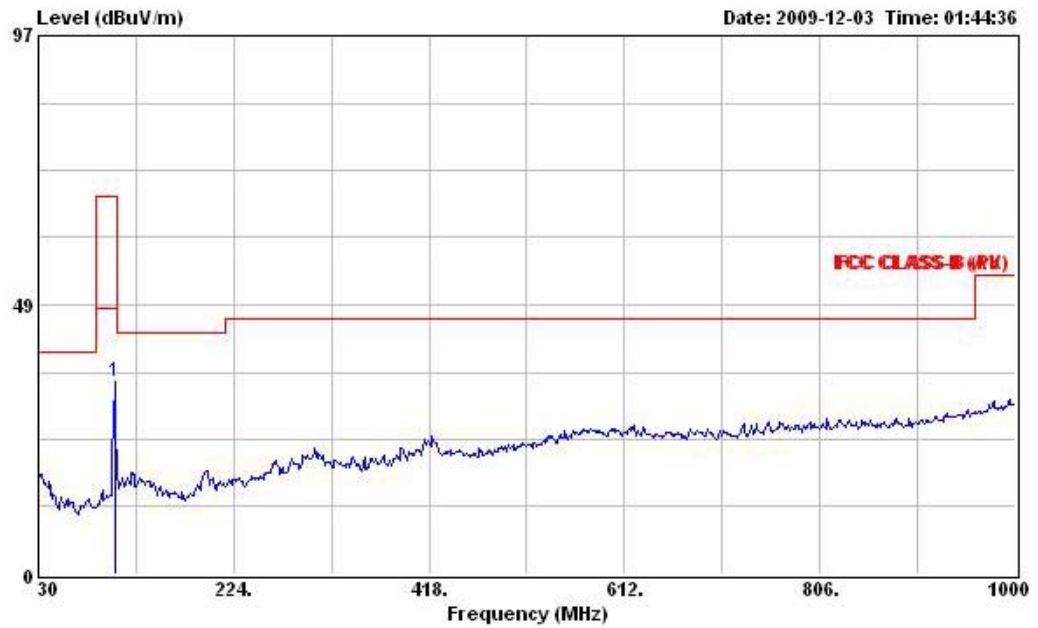
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : TOYOTA COROLLA
 Memo : 270度

	Freq	Level	Over	Limit	Read	Cable	Probe	Preamp	Remark	Ant	Table
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	28.23	-39.77	68.00	41.88	2.34	12.08	28.07	Peak	---	---

Note: Emissions measured with the Average detector can be found in a separate section of this report.

Temperature	20°C	Humidity	58%
Configurations	107.5 MHz/ 315° / Mode 2		

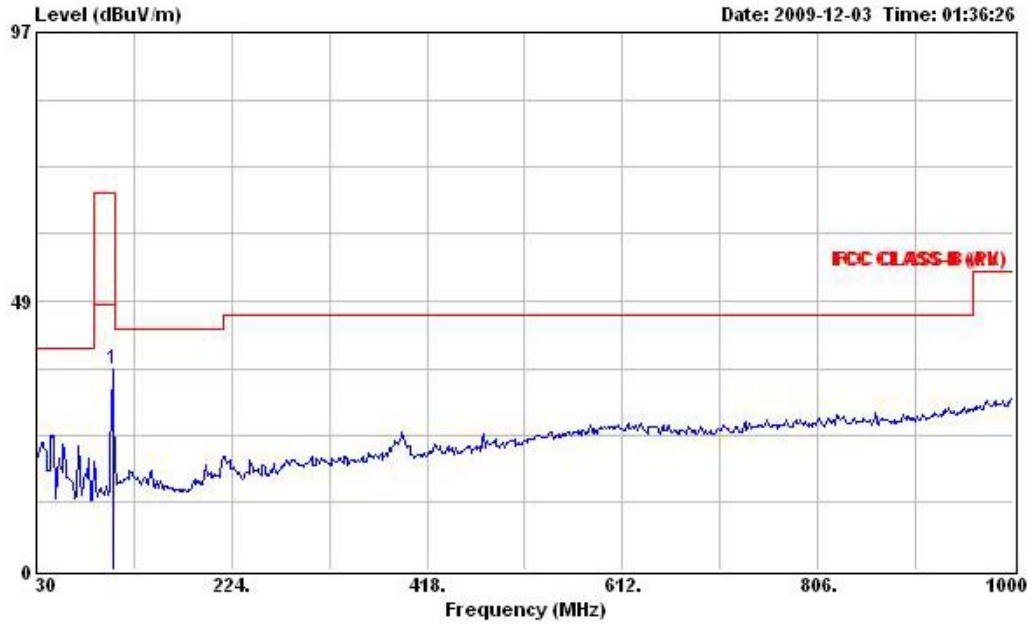
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : TOYOTA COROLLA
 Memo : 315度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	34.56	-33.44	68.00	48.21	2.34	12.08	28.07	Peak	---	---

Vertical



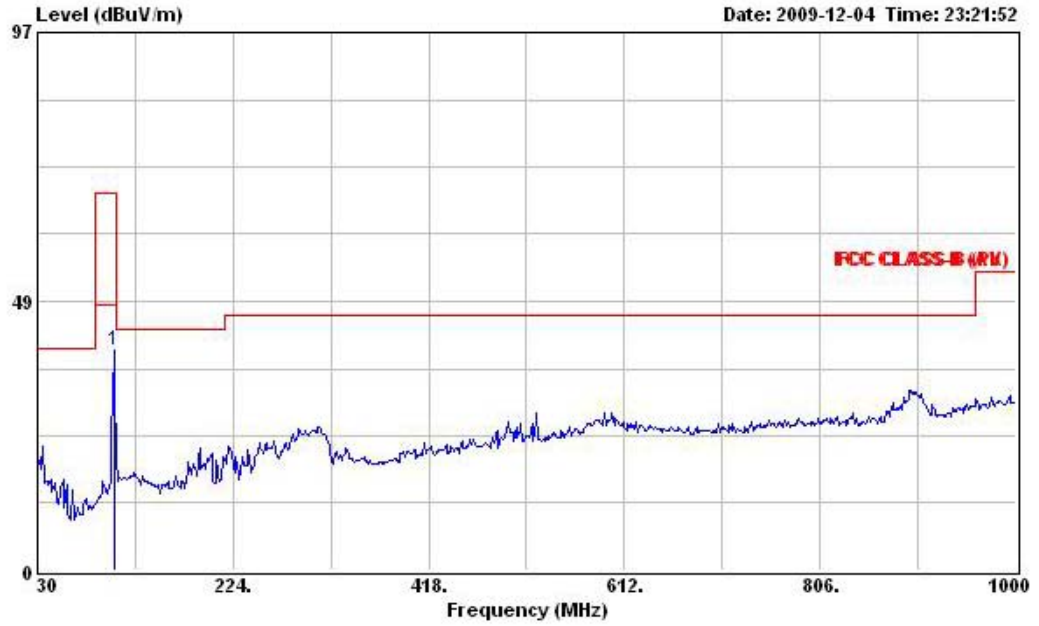
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : TOYOTA COROLLA
 Memo : 315度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	36.07	-31.93	68.00	49.72	2.34	12.08	28.07	Peak	---	---

Note: Emissions measured with the Average detector can be found in a separate section of this report.

Temperature	20°C	Humidity	58%
Configurations	107.5 MHz/ 0° / Mode 3		

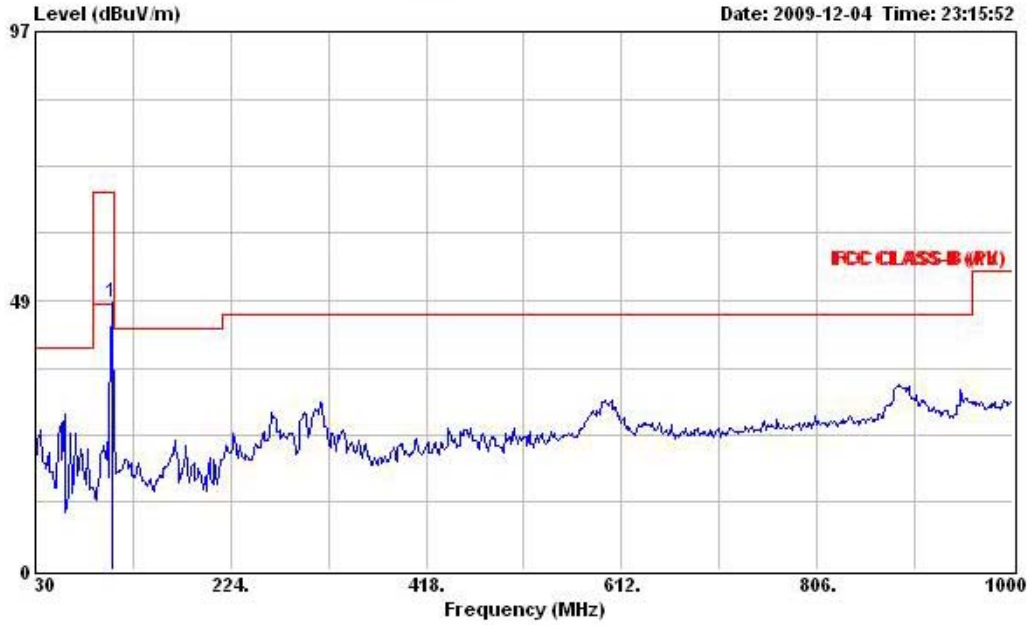
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD EXION
 Memo : 0度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	39.66	-28.34	68.00	53.31	2.34	12.08	28.07	Peak	---	---

Vertical



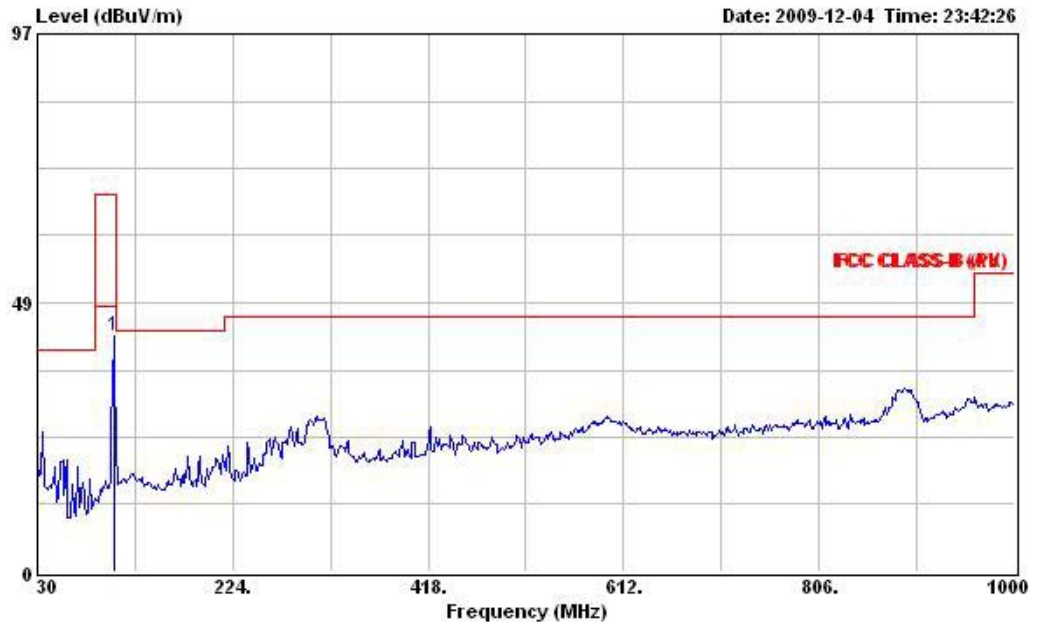
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD IXION
 Memo : 0度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	48.28	-19.72	68.00	61.93	2.34	12.08	28.07	Peak	---	---

Note: Emissions measured with the Average detector can be found in a separate section of this report.

Temperature	20°C	Humidity	58%
Configurations	107.5 MHz/ 45° / Mode 3		

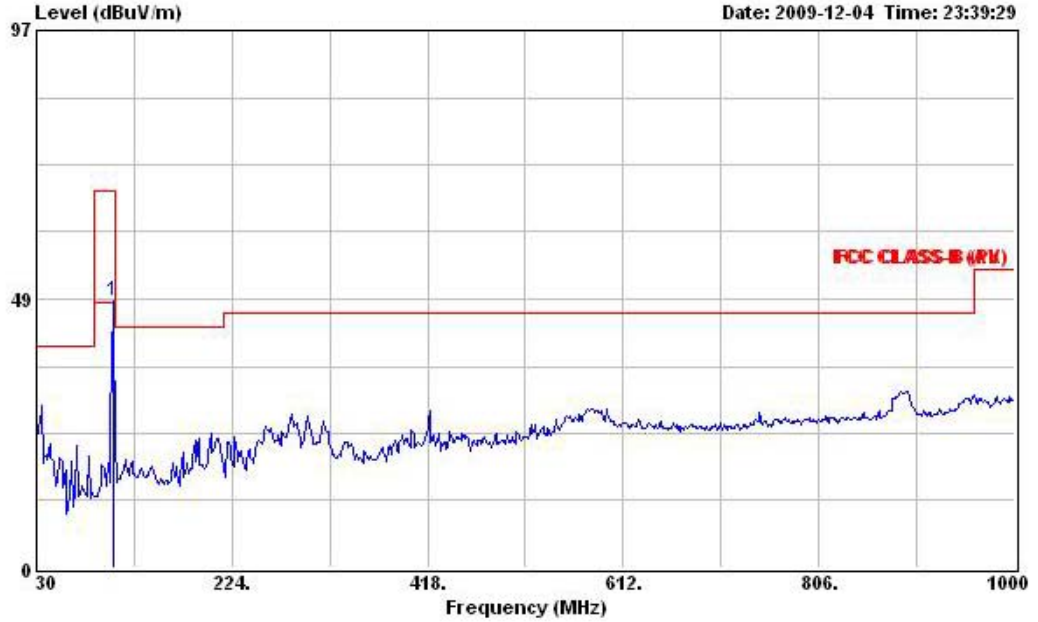
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD IXION
 Memo : 45度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	42.64	-25.36	68.00	56.29	2.34	12.08	28.07	Peak	---	---

Vertical



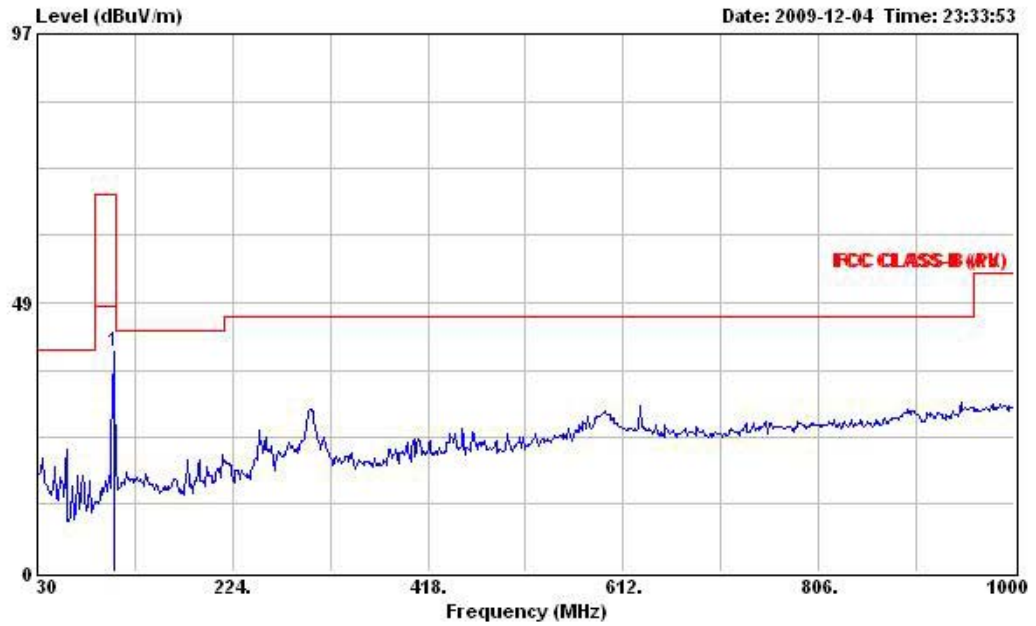
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD IXION
 Memo : 45度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	48.15	-19.85	68.00	61.80	2.34	12.08	28.07	Peak	---	---

Note: Emissions measured with the Average detector can be found in a separate section of this report.

Temperature	20°C	Humidity	58%
Configurations	107.5 MHz/ 90° / Mode 3		

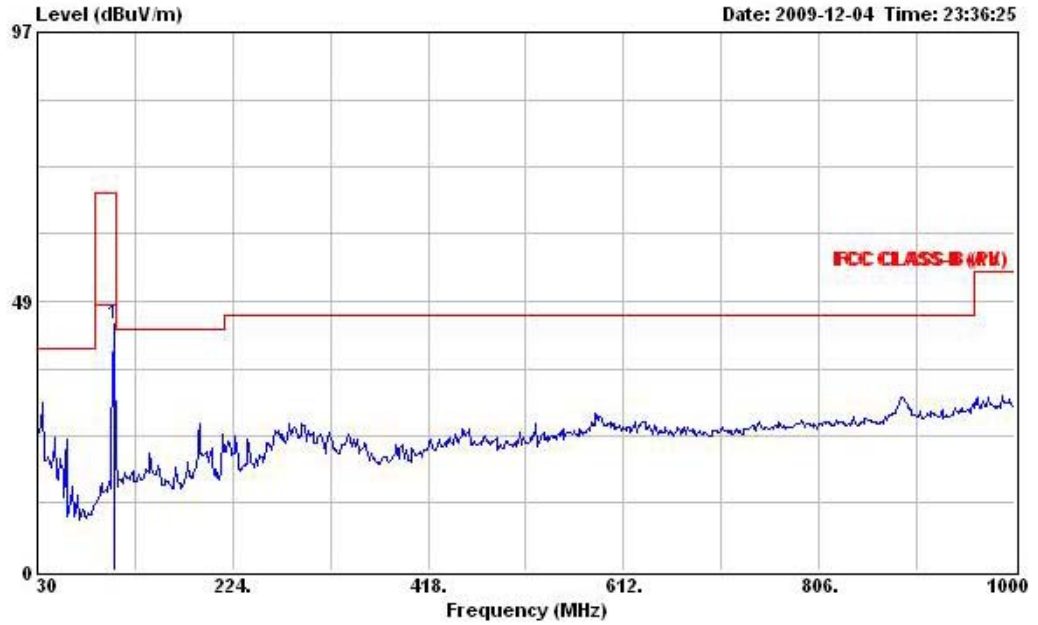
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD IXION
 Memo : 90度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	39.60	-28.40	68.00	53.25	2.34	12.08	28.07	Peak	---	---

Vertical



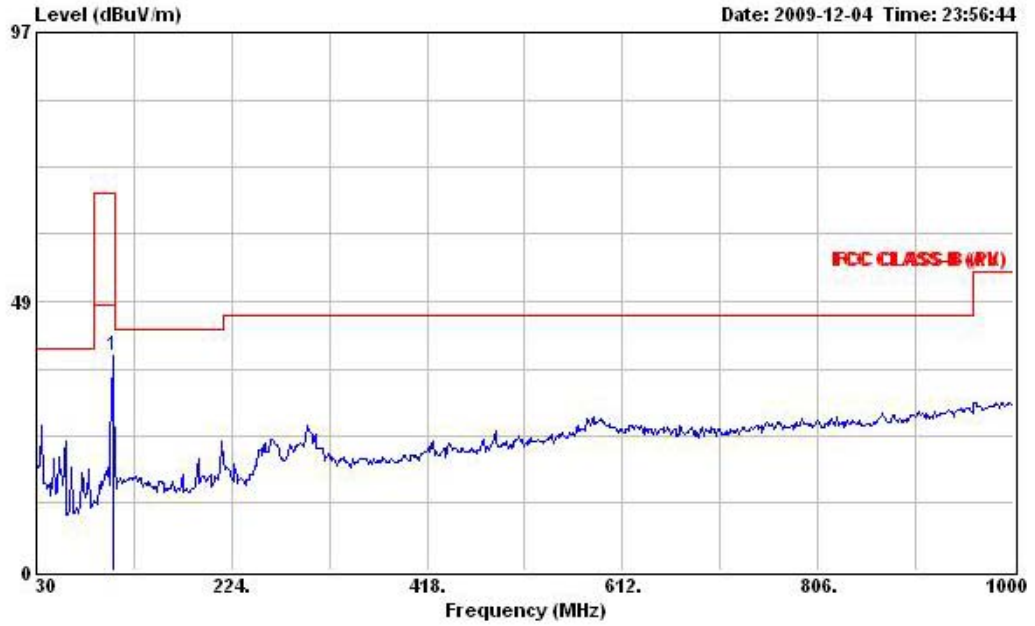
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD IXION
 Memo : 90度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	44.35	-23.65	68.00	58.00	2.34	12.08	28.07	Peak	---	---

Note: Emissions measured with the Average detector can be found in a separate section of this report.

Temperature	20°C	Humidity	58%
Configurations	107.5 MHz/ 135° / Mode 3		

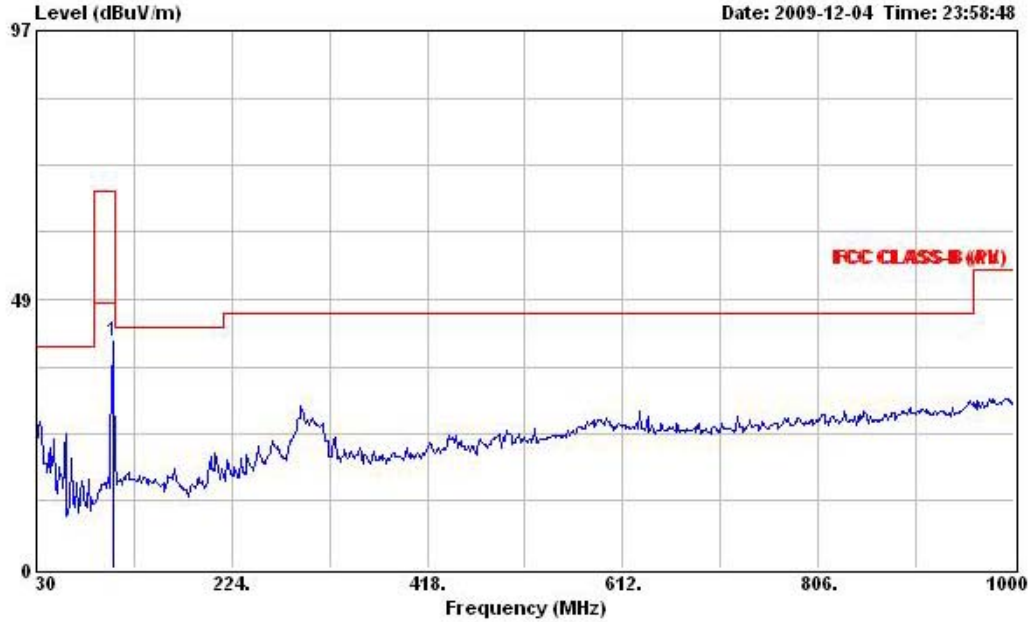
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD IXION
 Memo : 135度

	Freq	Level	Over	Limit	Read	Cable	Probe	Preamp	Remark	Ant	Table
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	38.73	-29.27	68.00	52.38	2.34	12.08	28.07	Peak	---	---

Vertical



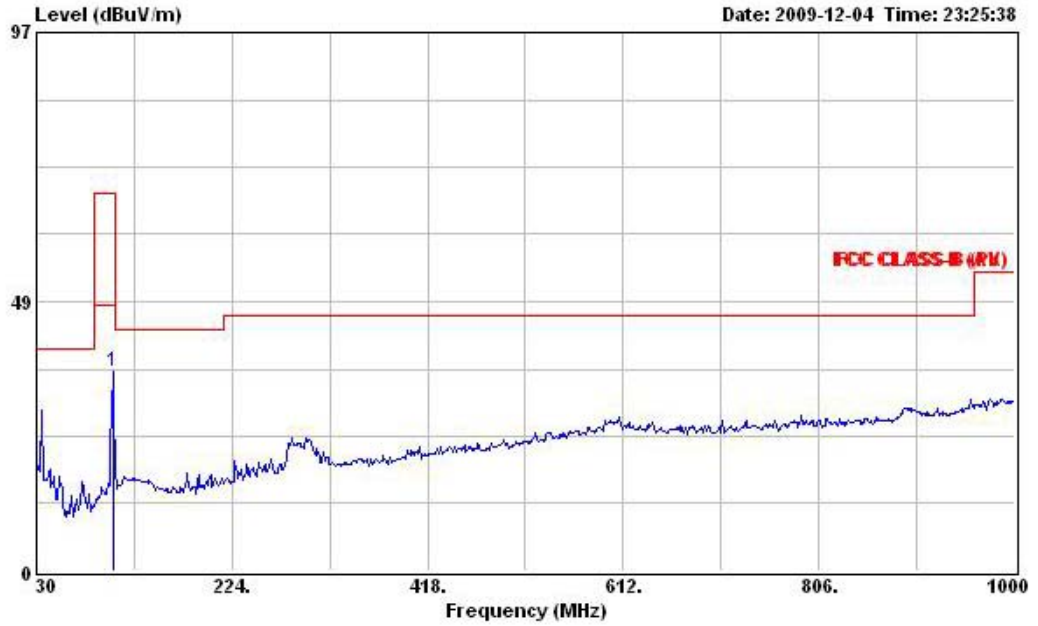
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD IXION
 Memo : 135度

	Freq	Level	Over	Limit	Read	Cable	Probe	Preamp	Remark	Ant	Table
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	40.96	-27.04	68.00	54.61	2.34	12.08	28.07	Peak	---	---

Note: Emissions measured with the Average detector can be found in a separate section of this report.

Temperature	20°C	Humidity	58%
Configurations	107.5 MHz/ 180° / Mode 3		

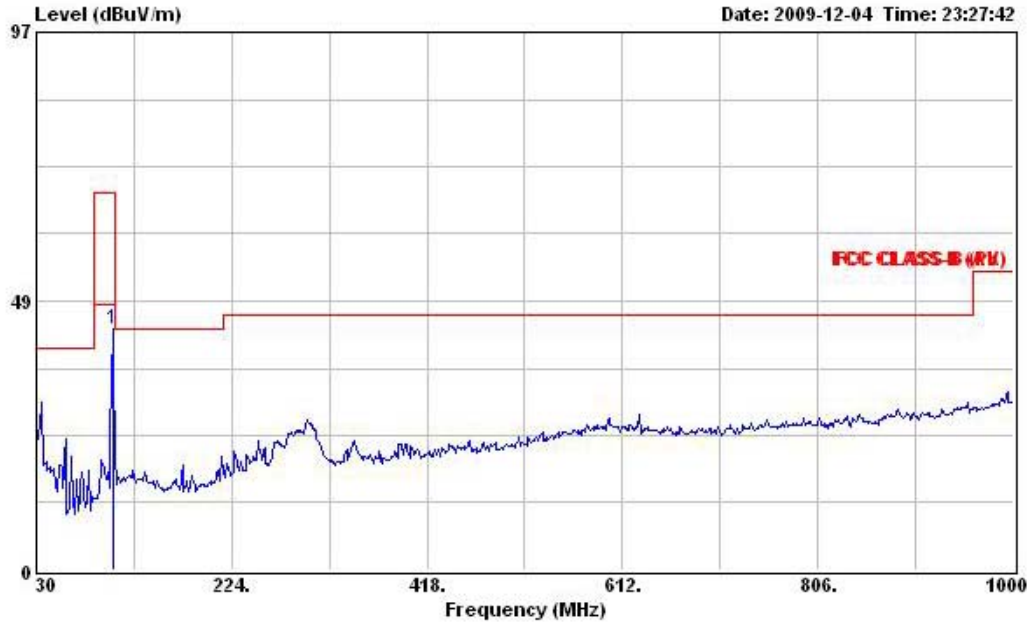
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD EXION
 Memo : 180度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	35.90	-32.10	68.00	49.55	2.34	12.08	28.07	Peak	---	---

Vertical



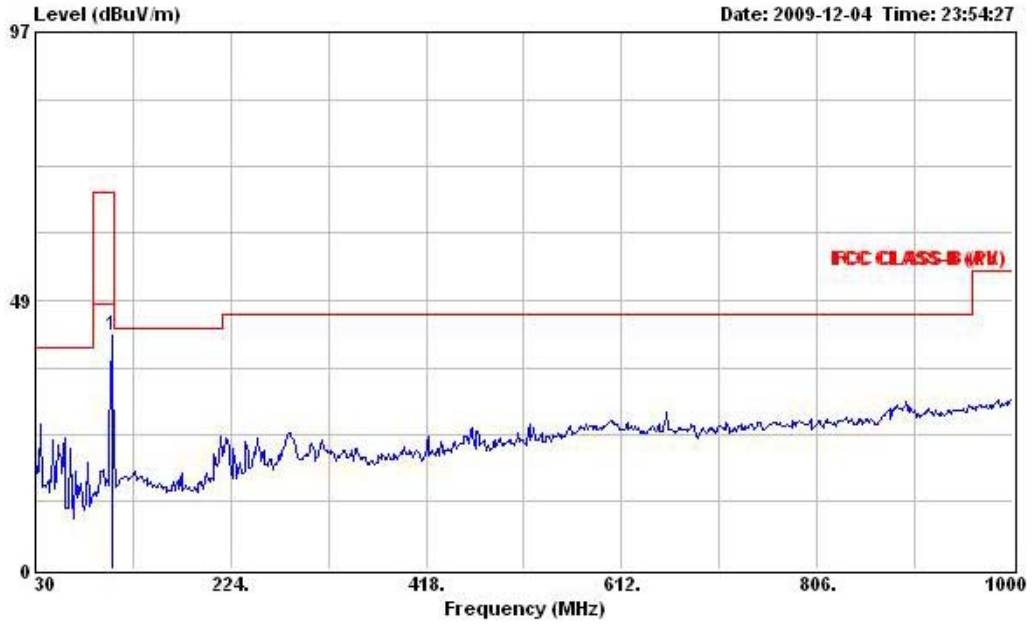
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD EXION
 Memo : 180度

	Freq	Level	Over	Limit	Read	Cable	Probe	Preamp	Remark	Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Factor		Pos	Pos
			dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	43.51	-24.49	68.00	57.16	2.34	12.08	28.07	Peak	---	---

Note: Emissions measured with the Average detector can be found in a separate section of this report.

Temperature	20°C	Humidity	58%
Configurations	107.5 MHz/ 225° / Mode 3		

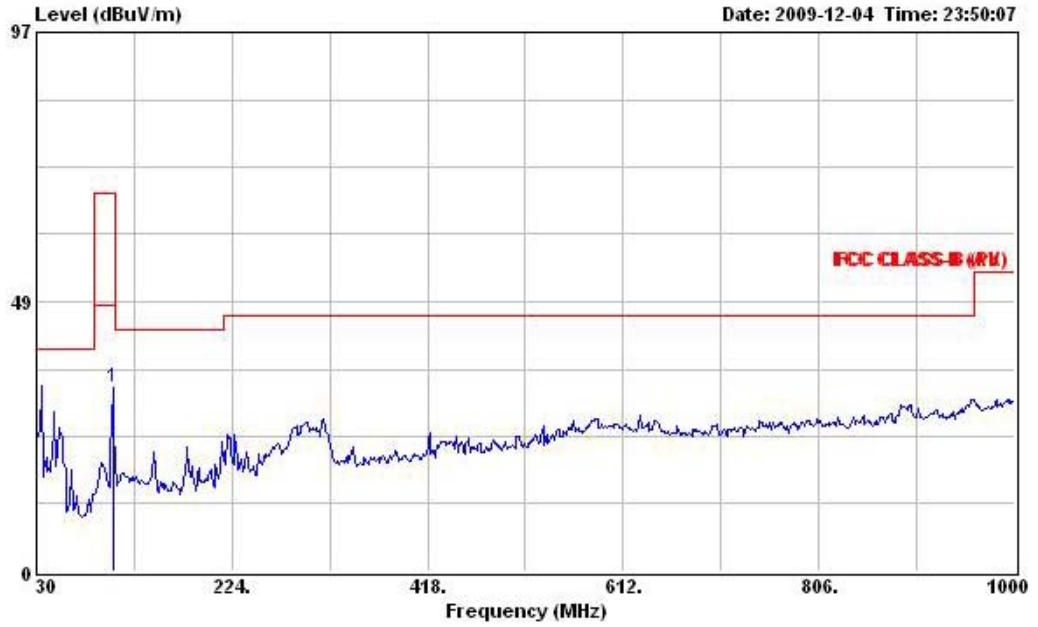
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD IXION
 Memo : 225度

	Freq	Level	Over	Limit	Read	Cable	Probe	Preamp	Remark	Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Factor		Pos	Pos
			dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	42.12	-25.88	68.00	55.77	2.34	12.08	28.07	Peak	---	---

Vertical



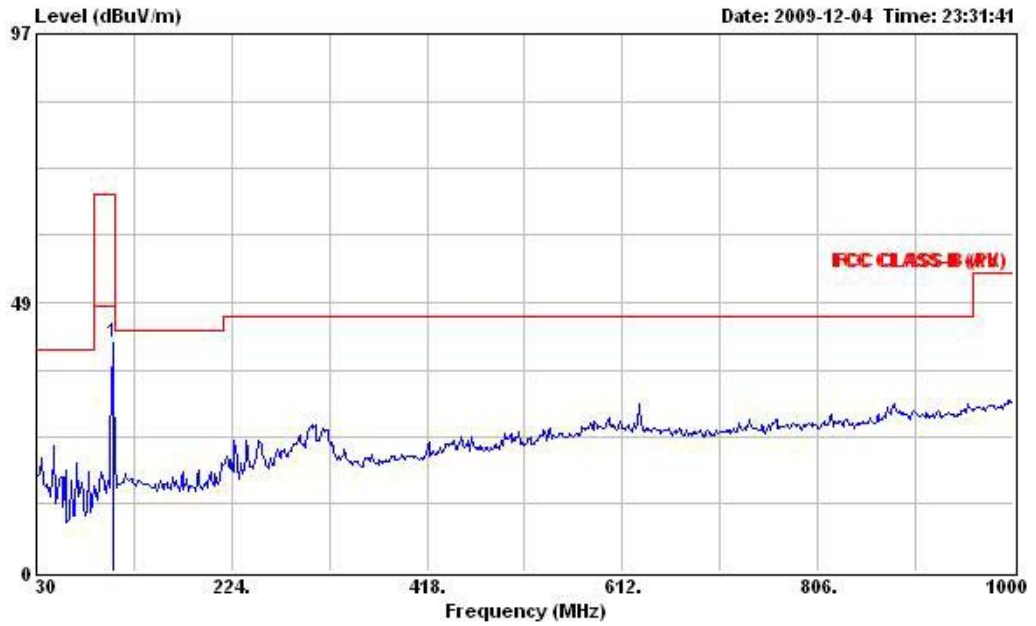
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD EXION
 Memo : 225度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	33.17	-34.83	68.00	46.82	2.34	12.08	28.07	Peak	---	---

Note: Emissions measured with the Average detector can be found in a separate section of this report.

Temperature	20°C	Humidity	58%
Configurations	107.5 MHz/ 270° / Mode 3		

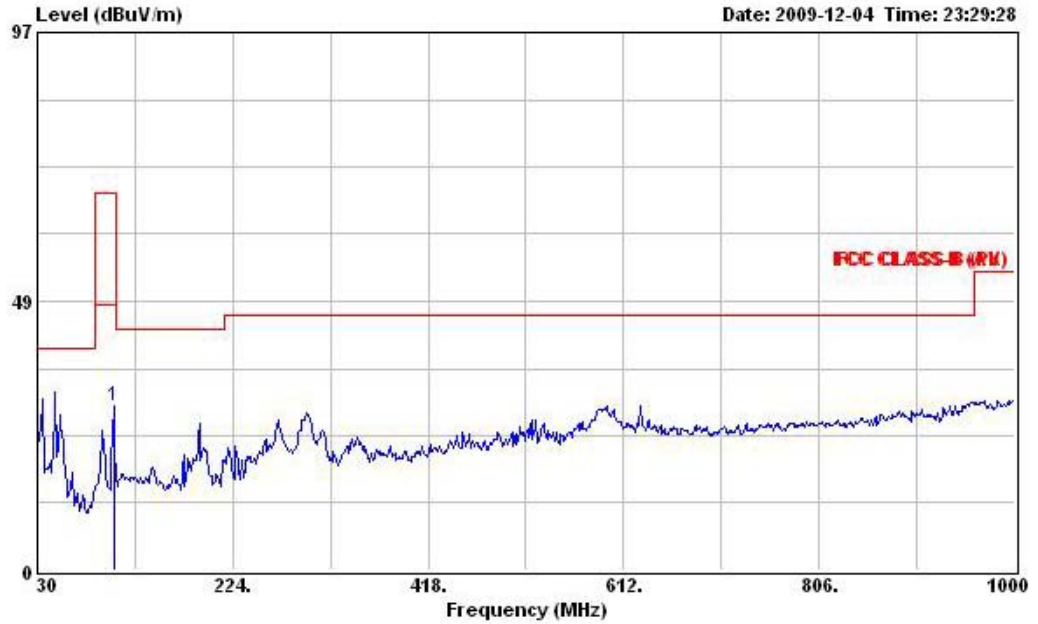
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD IXION
 Memo : 270度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	41.24	-26.76	68.00	54.89	2.34	12.08	28.07	Peak	---	---

Vertical



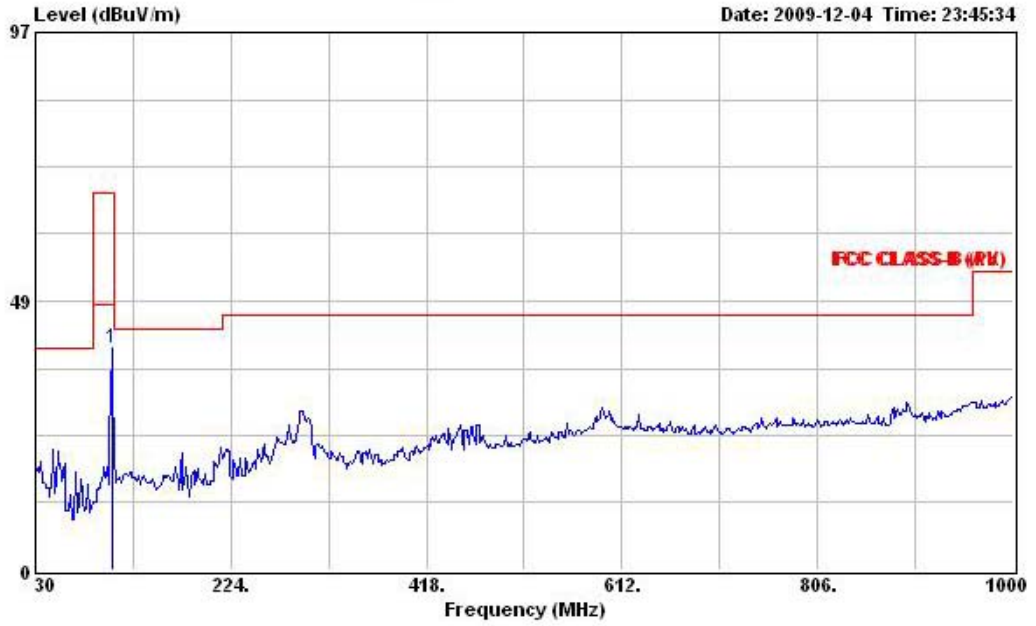
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD IXION
 Memo : 270度

	Freq	Level	Over	Limit	Read	Cable	Probe	Preamp	Remark	Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Factor		Pos	Pos
			dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	29.75	-38.25	68.00	43.40	2.34	12.08	28.07	Peak	---	---

Note: Emissions measured with the Average detector can be found in a separate section of this report.

Temperature	20°C	Humidity	58%
Configurations	107.5 MHz/ 315° / Mode 3		

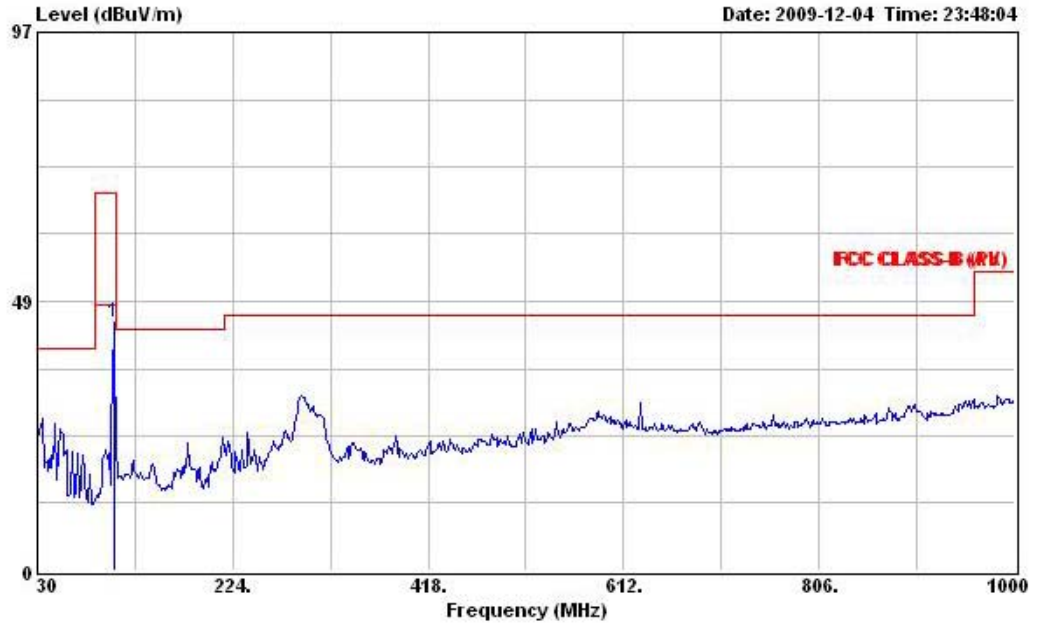
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD IXION
 Memo : 315度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	39.99	-28.01	68.00	53.64	2.34	12.08	28.07	Peak	---	---

Vertical



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD IXION
 Memo : 315度

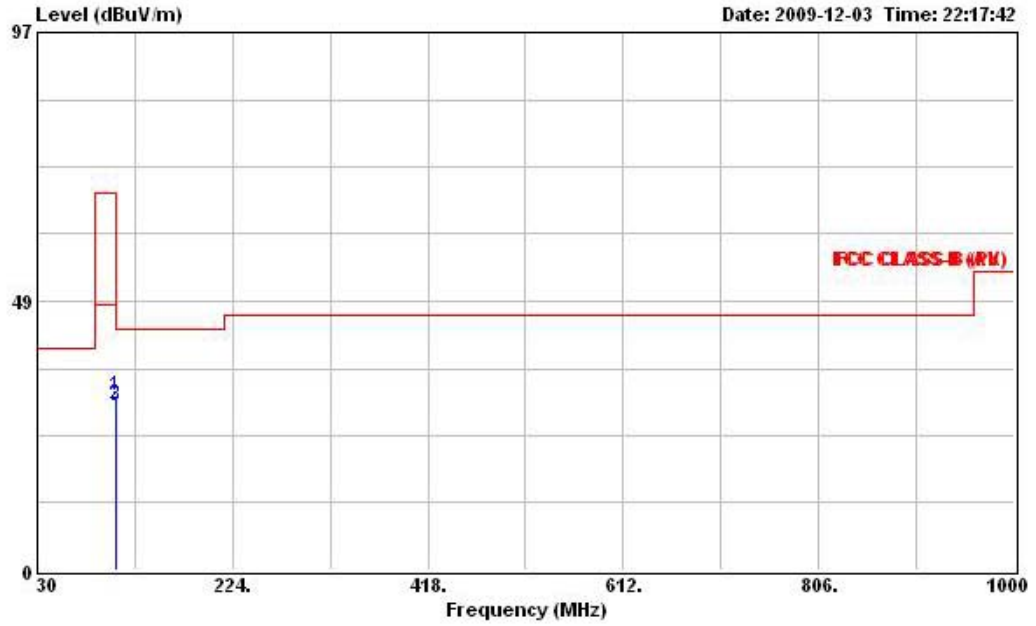
	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	105.660	44.81	-23.19	68.00	58.46	2.34	12.08	28.07	Peak	---	---

Note: Emissions measured with the Average detector can be found in a separate section of this report.

3.2 Test Result of Field Strength of Fundamental Emissions

Temperature	20°C	Humidity	58%
Configurations	107.5 MHz/ 0° / Mode 1		

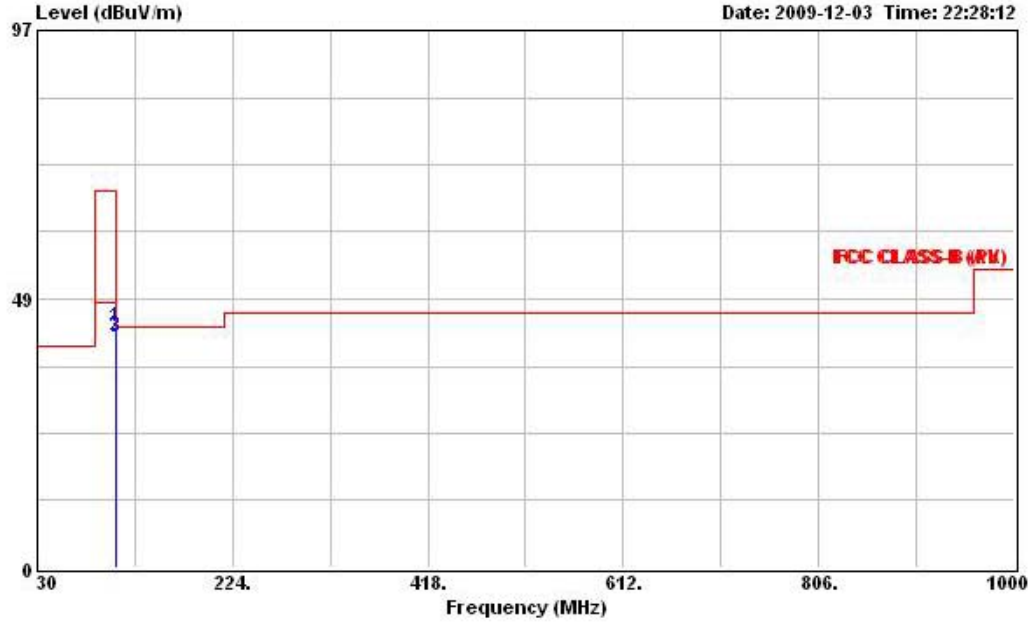
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD MONDEO
 Memo : 0度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	107.500	31.59	-36.41	68.00	45.00	2.37	12.28	28.06	Peak	213	---
2	107.500	29.92	-38.08	68.00	43.33	2.37	12.28	28.06	QP	213	---
3	107.500	29.54	-18.46	48.00	42.95	2.37	12.28	28.06	Average	213	---

Vertical

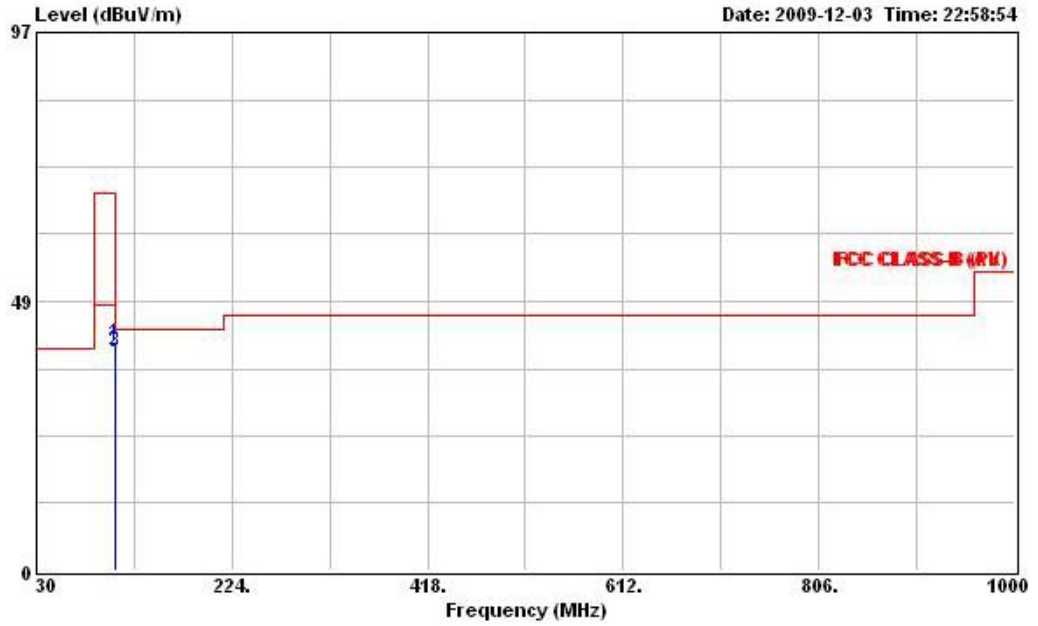


Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD MONDEO
 Memo : 0度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	107.500	43.47	-24.53	68.00	56.88	2.37	12.28	28.06	Peak	255	---
2	107.500	42.04	-25.96	68.00	55.45	2.37	12.28	28.06	QP	255	---
3	107.500	41.43	-6.57	48.00	54.84	2.37	12.28	28.06	Average	255	---

Temperature	20°C	Humidity	58%
Configurations	107.5 MHz/ 45° / Mode 1		

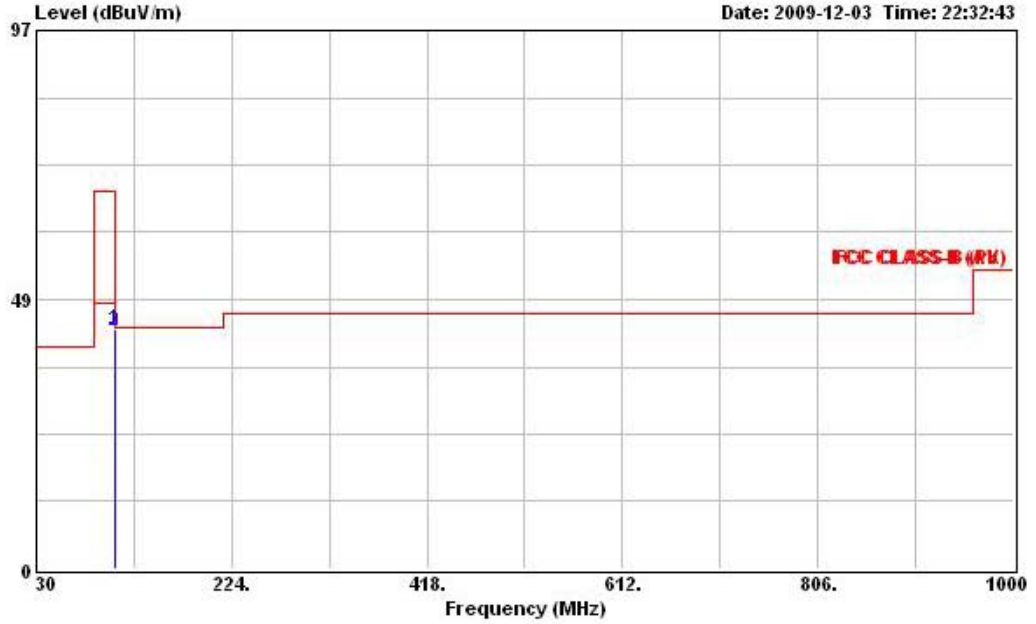
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD MONDEO
 Memo : 45度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	107.500	40.79	-27.21	68.00	54.20	2.37	12.28	28.06	Peak	279	---
2	107.500	39.60	-28.40	68.00	53.01	2.37	12.28	28.06	QP	279	---
3	107.500	39.44	-8.56	48.00	52.85	2.37	12.28	28.06	Average	279	---

Vertical

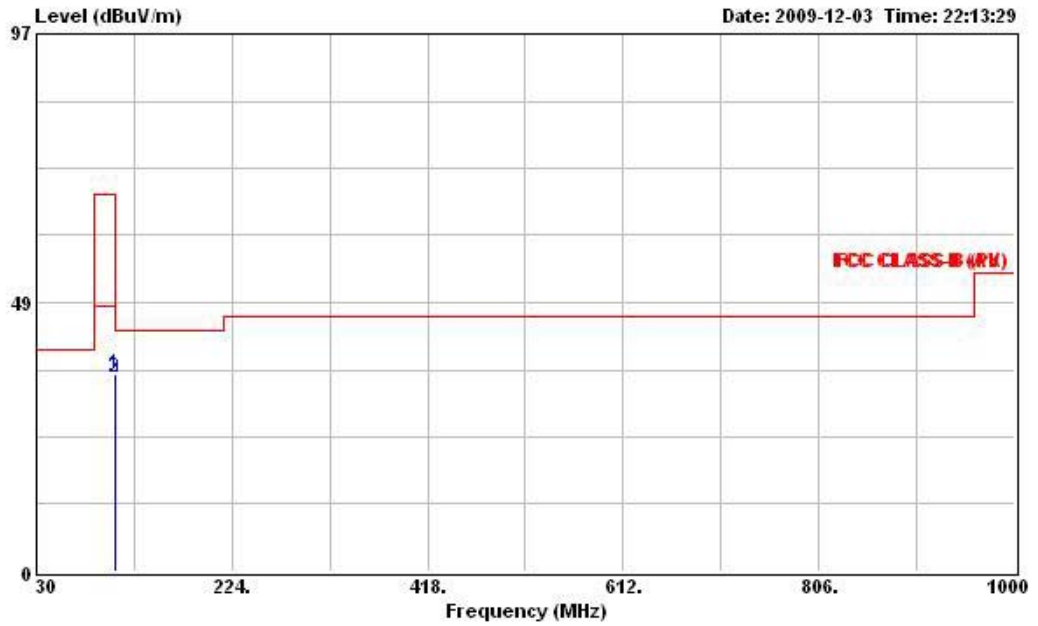


Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD MONDEO
 Memo : 45度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	107.500	43.25	-24.75	68.00	56.66	2.37	12.28	28.06	Peak	100	---
2	107.500	42.96	-25.04	68.00	56.37	2.37	12.28	28.06	QP	100	---
3	107.500	42.85	-5.15	48.00	56.26	2.37	12.28	28.06	Average	100	---

Temperature	20°C	Humidity	58%
Configurations	107.5 MHz/ 90° / Mode 1		

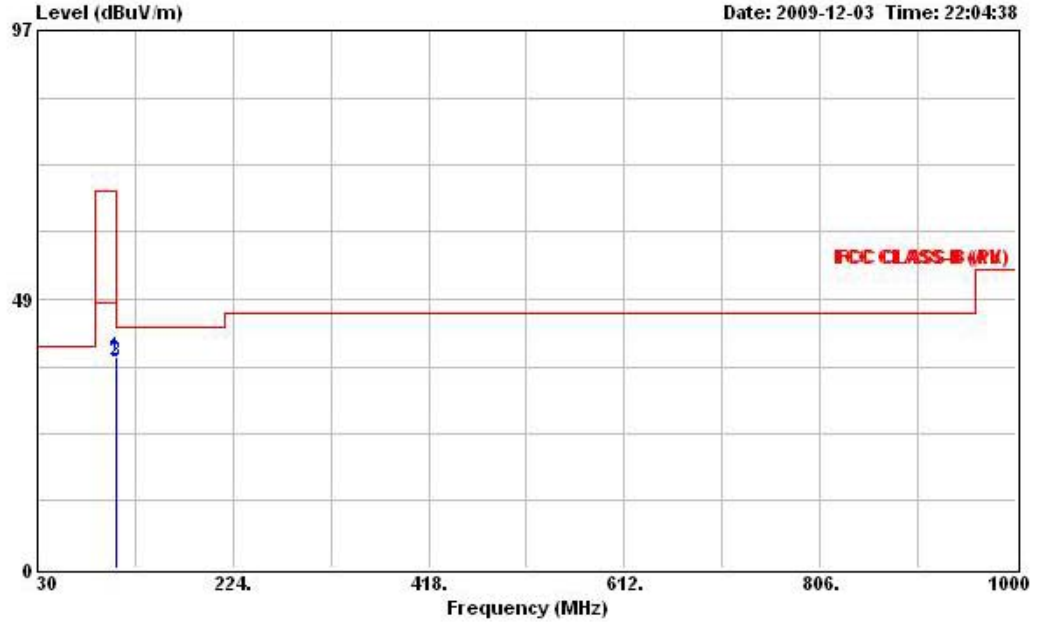
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD MONDEO
 Memo : 90度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	107.500	35.73	-32.27	68.00	49.14	2.37	12.28	28.06	Peak	289	---
2	107.500	35.10	-32.90	68.00	48.51	2.37	12.28	28.06	QP	289	---
3	107.500	34.87	-13.13	48.00	48.28	2.37	12.28	28.06	Average	289	---

Vertical

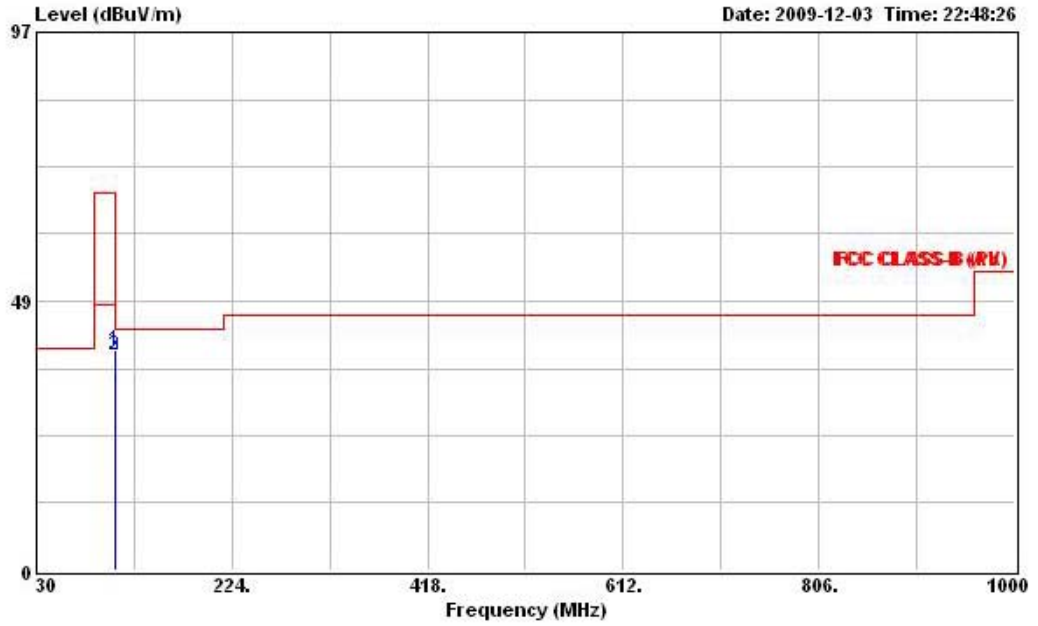


Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD MONDEO
 Memo : 90度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	107.500	38.09	-29.91	68.00	51.50	2.37	12.28	28.06	Peak	100	---
2	107.500	37.39	-30.61	68.00	50.80	2.37	12.28	28.06	QP	100	---
3	107.500	37.19	-10.81	48.00	50.60	2.37	12.28	28.06	Average	100	---

Temperature	20°C	Humidity	58%
Configurations	107.5 MHz/ 135° / Mode 1		

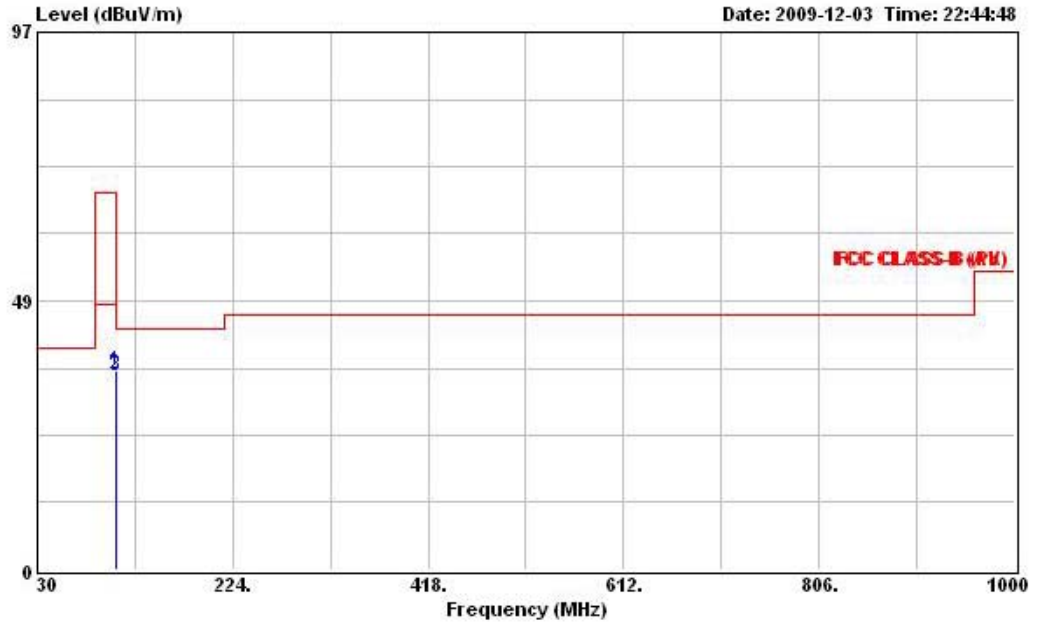
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 EUT : Stratus 3
 Power :
 model : FM107.5M
 Memo : FORD MONDEO
 Memo : 135度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	107.500	39.59	-28.41	68.00	53.00	2.37	12.28	28.06	Peak	260	---
2	107.500	38.89	-29.11	68.00	52.30	2.37	12.28	28.06	QP	260	---
3	107.500	38.71	-9.29	48.00	52.12	2.37	12.28	28.06	Average	260	---

Vertical

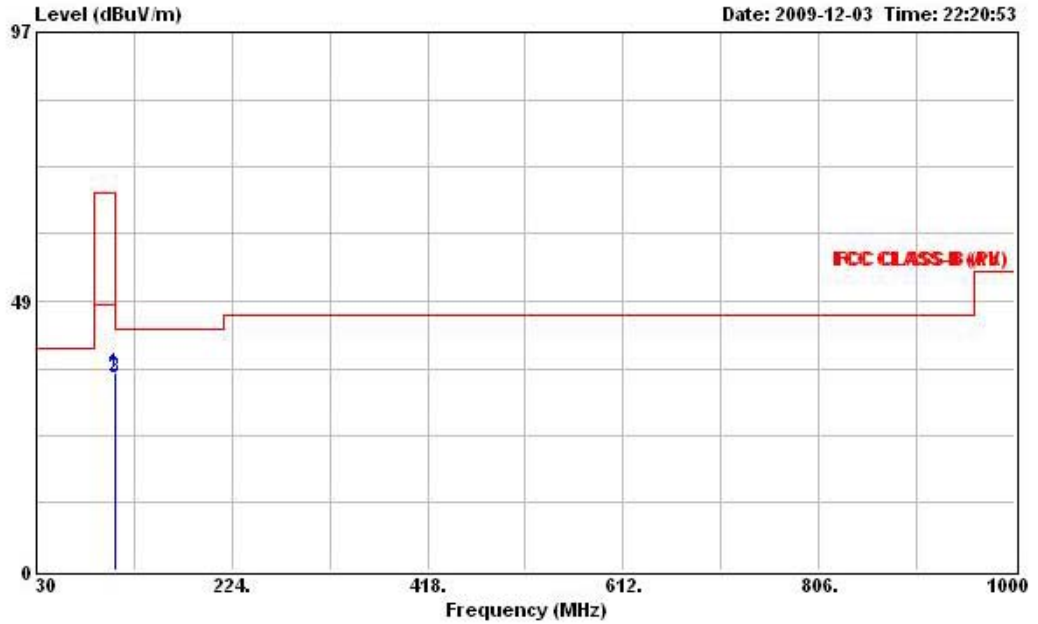


Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD MONDEO
 Memo : 135度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	107.500	35.89	-32.11	68.00	49.30	2.37	12.28	28.06	Peak	100	---
2	107.500	35.14	-32.86	68.00	48.55	2.37	12.28	28.06	QP	100	---
3	107.500	34.94	-13.06	48.00	48.35	2.37	12.28	28.06	Average	100	---

Temperature	20°C	Humidity	58%
Configurations	107.5 MHz/ 180° / Mode 1		

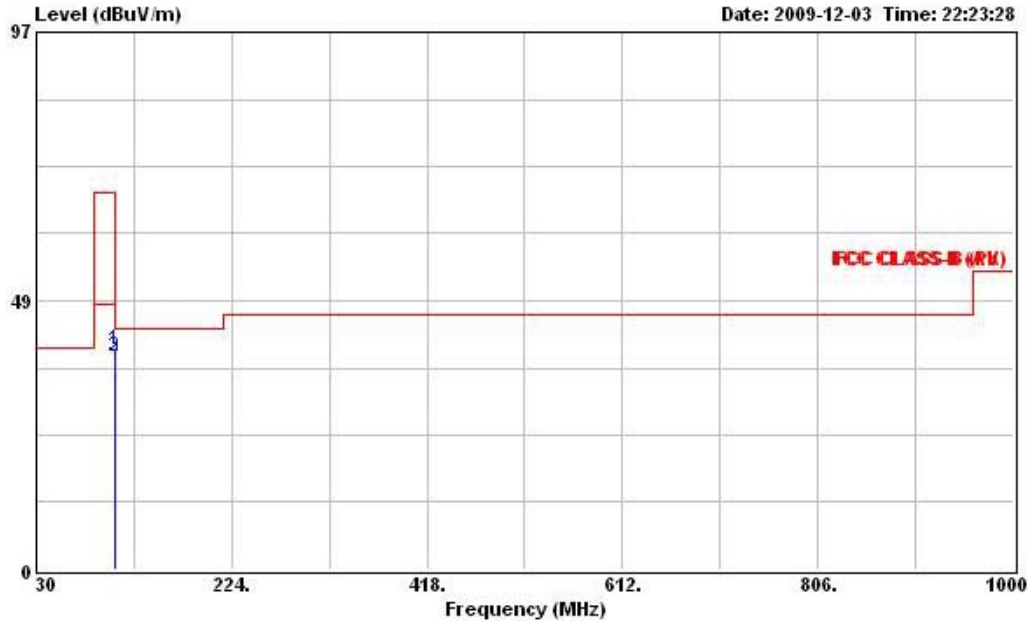
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD MONDEO
 Memo : 180度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	107.500	35.64	-32.36	68.00	49.05	2.37	12.28	28.06	Peak	165	---
2	107.500	34.93	-33.07	68.00	48.34	2.37	12.28	28.06	QP	165	---
3	107.500	34.74	-13.26	48.00	48.15	2.37	12.28	28.06	Average	165	---

Vertical



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 EUT : Stratus 3
 Power :
 model : FM 107.5M
 Memo : FORD MONDEO
 Memo : 180度

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	107.500	39.59	-28.41	68.00	53.00	2.37	12.28	28.06	Peak	100	---
2	107.500	38.54	-29.46	68.00	51.95	2.37	12.28	28.06	QP	100	---
3	107.500	38.40	-9.60	48.00	51.81	2.37	12.28	28.06	Average	100	---