

# 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 5
Brand Name	Sirius
Model Name	SV5TK1
Received Date	Dec. 18, 2009
Final Test Date	Dec. 20, 2009

## 1. General Description of Equipment under Test

Part	Description of Test	Under Limit
3.1	Radiated Emissions	3.73 dB
3.2	Field Strength of Fundamental Emissions	10.96 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) + SV5TK1

Mode 2: Small Car (Mitsubishi, Lancer ) + SV5TK1

Mode 3: Large Car (Ford, IXION) + SV5TK1

### 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, SDP1V1(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>

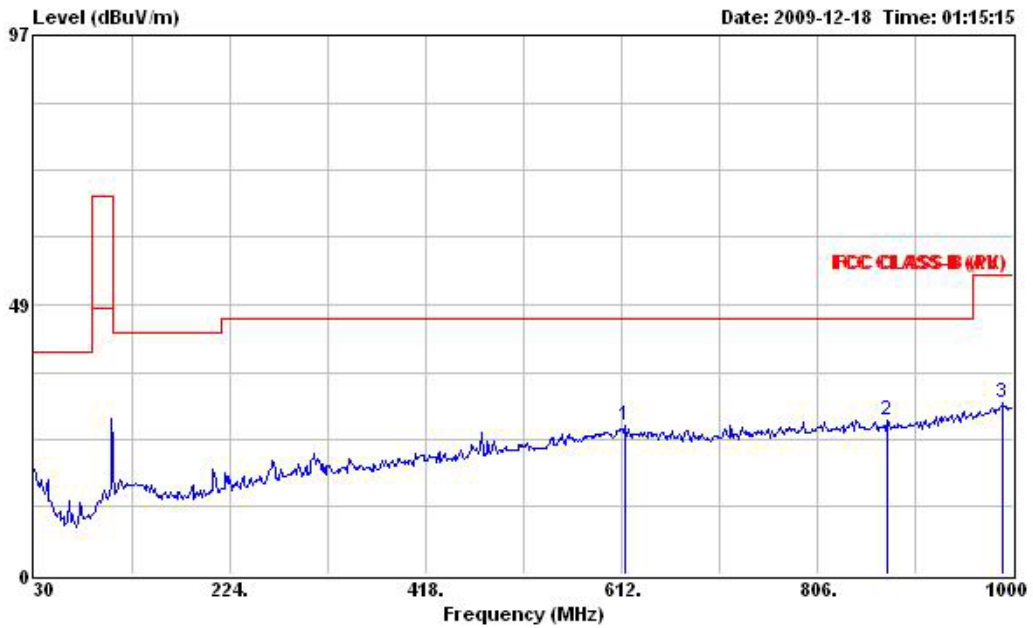
Receiver Parameter	Setting
Attenuation	Auto
Center Frequency	Fundamental Frequency
RB	120 KHz
Detector	Peak / QP / Average

### 3. TEST RESULT

#### 3.1 Results for Radiated Emissions

Temperature	20.3°C	Humidity	57.8%
Configurations	107.9 MHz / 0° / Mode 1		

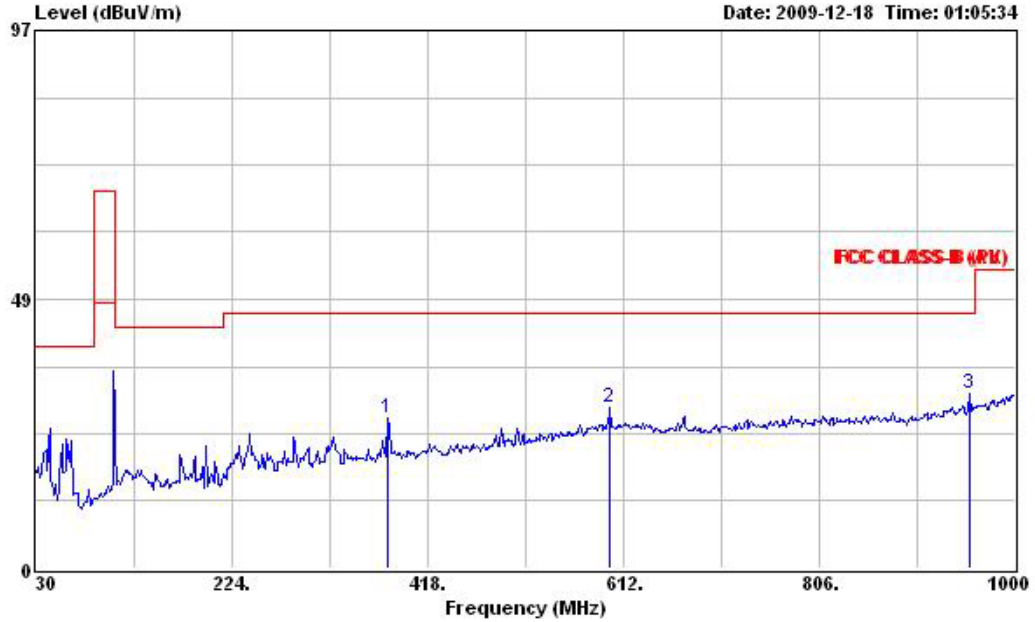
Horizontal



Site : 10CH01-HY  
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL  
 Model : SV5TK1  
 Memo : FCC ID:NKRUPASV5  
 Memo : FM 107.9M  
 Memo : FORD MONDEO  
 Memo : Medium CAR  
 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	614.910	26.80	-19.20	46.00	30.02	5.25	19.91	28.38	Peak	---	---
2	874.870	27.61	-18.39	46.00	29.39	5.97	19.95	27.70	Peak	---	---
3	990.300	30.86	-23.14	54.00	29.69	6.15	22.26	27.24	Peak	---	---

Vertical



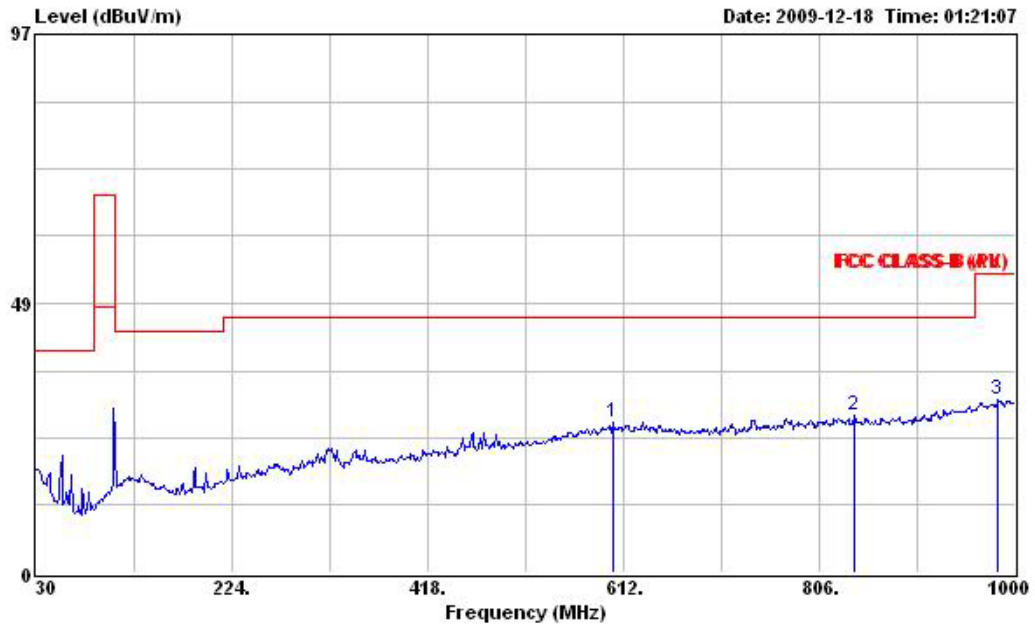
Site : 10CH01-HY  
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL  
 Model : SY5TK1  
 Memo : FCC ID:NKRUPASV5  
 Memo : FM 107.9M  
 Memo : FORD MONDEO  
 Memo : Medium CAR  
 Memo : 0度

	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	378.230	27.22	-18.78	46.00	35.91	4.16	15.00	27.85	Peak	---	---
2	598.420	28.97	-17.03	46.00	32.09	5.25	20.03	28.40	Peak	---	---
3	955.380	31.43	-14.57	46.00	31.44	6.03	21.34	27.38	Peak	---	---

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

Temperature	20.3°C	Humidity	57.8%
Configurations	107.9 MHz / 45° / Mode 1		

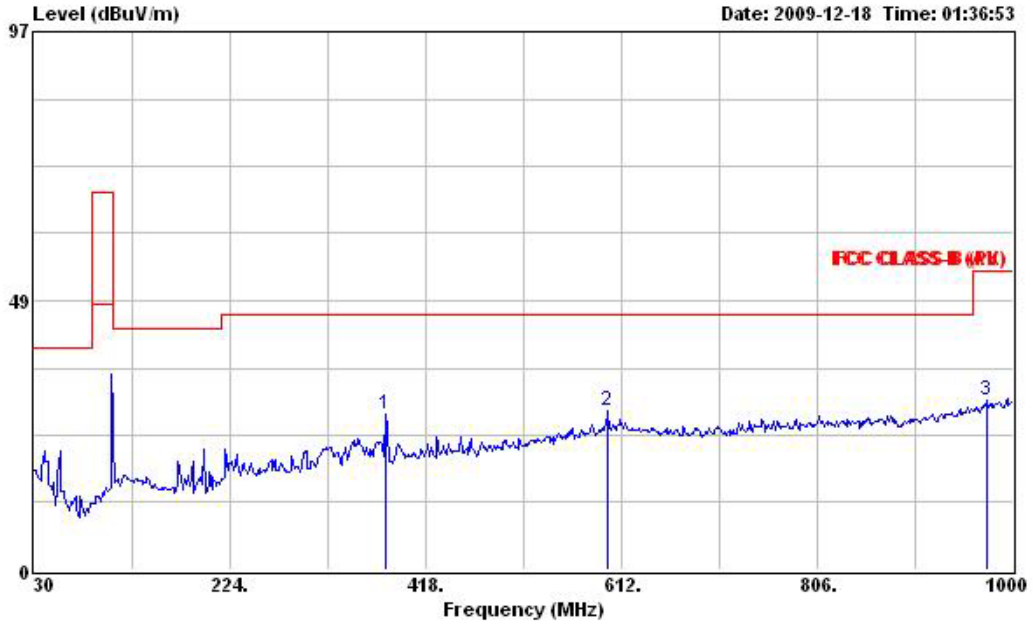
Horizontal



Site : 10CH01-HY  
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL  
 Model : SV5TK1  
 Memo : FCC ID:NKRUPASV5  
 Memo : FM 107.9M  
 Memo : FORD MONDEO  
 Memo : Medium CAR  
 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	602.300	27.21	-18.79	46.00	30.29	5.26	20.06	28.40	Peak	---	---
2	839.950	28.43	-17.57	46.00	30.42	5.80	20.05	27.84	Peak	---	---
3	983.510	31.21	-22.79	54.00	30.26	6.13	22.08	27.26	Peak	---	---

Vertical



Site : 10CH01-HY  
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL  
 Model : SY5TK1  
 Memo : FCC ID:NKRUPASV5  
 Memo : FM 107.9M  
 Memo : FORD MONDEO  
 Memo : Medium CAR  
 Memo : 45度

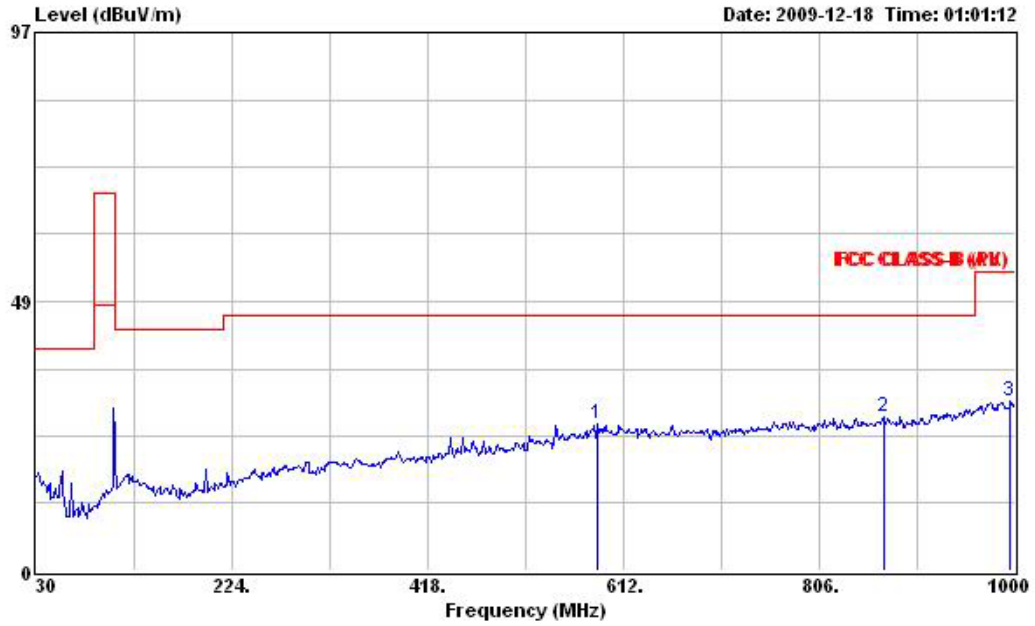
	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	378.230	27.95	-18.05	46.00	36.64	4.16	15.00	27.85	Peak	---	---
2	598.420	28.79	-17.21	46.00	31.91	5.25	20.03	28.40	Peak	---	---
3	974.780	30.48	-23.52	54.00	29.83	6.10	21.85	27.30	Peak	---	---

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



Temperature	20.3°C	Humidity	57.8%
Configurations	107.9 MHz / 90° / Mode 1		

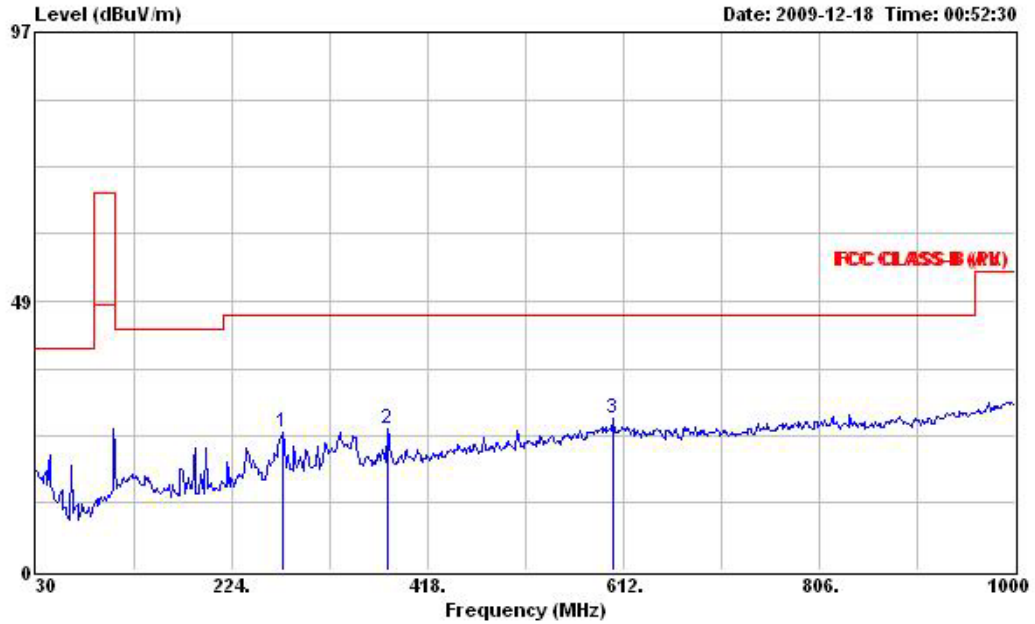
Horizontal



Site : 10CH01-HY  
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL  
 Model : SY5TK1  
 Memo : FCC ID:NKRUPASV5  
 Memo : FM 107.9M  
 Memo : FORD MONDEO  
 Memo : Medium CAR  
 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	586.780	26.34	-19.66	46.00	29.83	5.20	19.71	28.40	Peak	---	---
2	870.020	27.67	-18.33	46.00	29.46	5.96	19.97	27.72	Peak	---	---
3	995.150	30.47	-23.53	54.00	29.13	6.17	22.39	27.22	Peak	---	---

Vertical



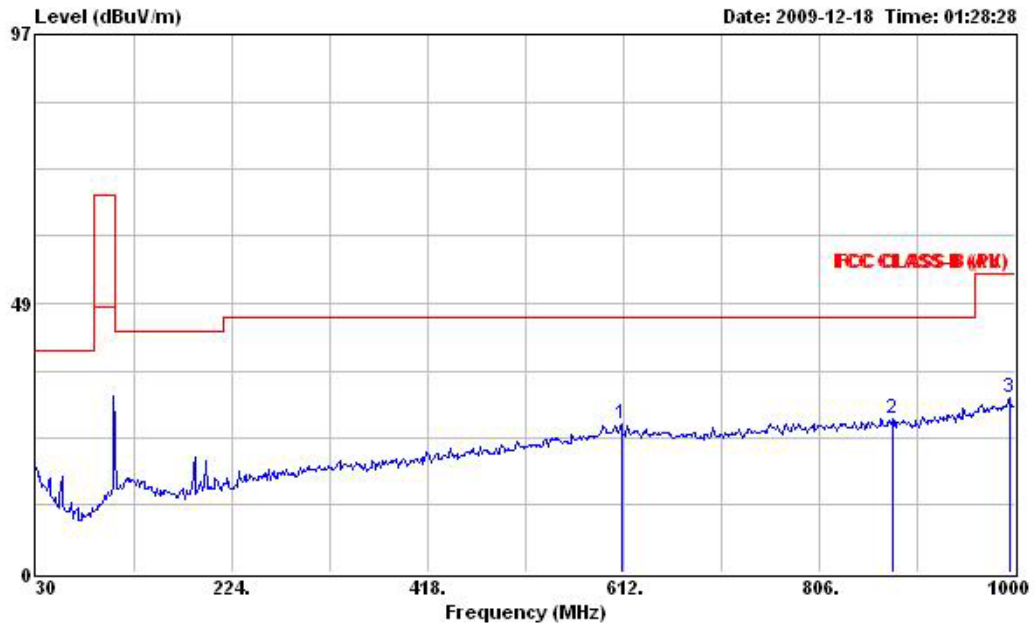
Site : 10CH01-HY  
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL  
 Model : SV5TK1  
 Memo : FCC ID: NKRUPASV5  
 Memo : FM 107.9M  
 Memo : FORD MONDEO  
 Memo : Medium CAR  
 Memo : 90度

	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	273.470	24.84	-21.16	46.00	35.34	3.62	13.26	27.38	Peak	---	---
2	378.230	25.38	-20.62	46.00	34.07	4.16	15.00	27.85	Peak	---	---
3	602.300	27.50	-18.50	46.00	30.58	5.26	20.06	28.40	Peak	---	---

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

Temperature	20.3°C	Humidity	57.8%
Configurations	107.9 MHz / 135° / Mode 1		

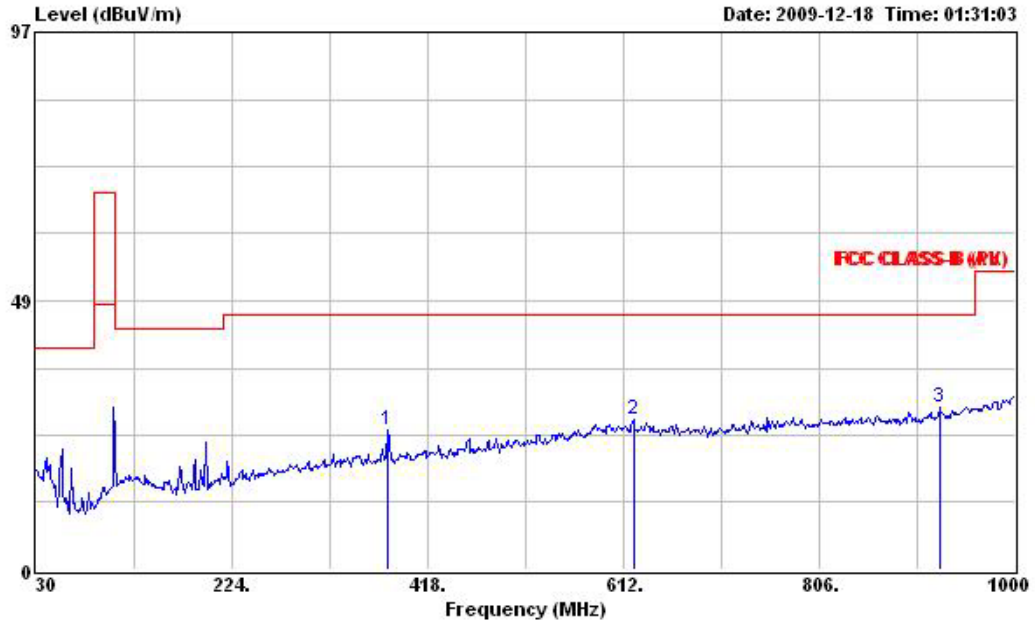
Horizontal



Site : 10CH01-HY  
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL  
 Model : SY5TK1  
 Memo : FCC ID:NKRUPASV5  
 Memo : FM 107.9M  
 Memo : FORD MONDEO  
 Memo : Medium CAR  
 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	610.060	26.90	-19.10	46.00	30.07	5.25	19.97	28.39	Peak	---	---
2	878.750	27.82	-18.18	46.00	29.57	5.99	19.94	27.68	Peak	---	---
3	994.180	31.39	-22.61	54.00	30.08	6.16	22.37	27.22	Peak	---	---

Vertical



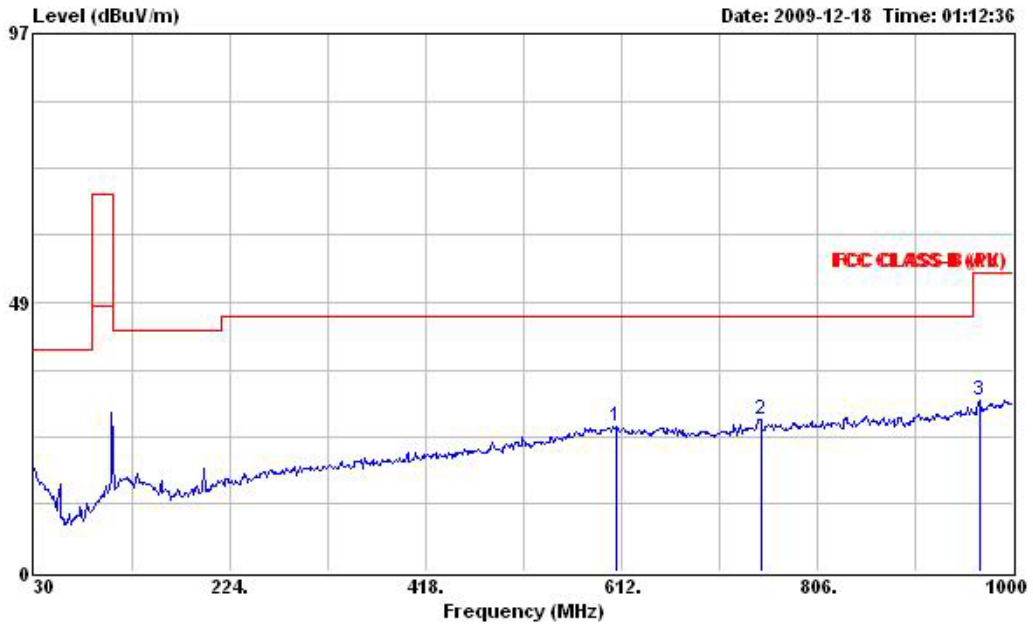
Site : 10CH01-HY  
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL  
 Model : SV5TK1  
 Memo : FCC ID:NKRUPASV5  
 Memo : FM 107.9M  
 Memo : FORD MONDEO  
 Memo : Medium CAR  
 Memo : 135度

	Freq	Level	Over	Limit	Read	Cable	Probe	Preamp	Remark	Ant	Table
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	378.230	25.28	-20.72	46.00	33.97	4.16	15.00	27.85	Peak	---	---
2	621.700	27.12	-18.88	46.00	30.42	5.25	19.83	28.38	Peak	---	---
3	925.310	29.33	-16.67	46.00	30.24	6.04	20.55	27.50	Peak	---	---

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

Temperature	20.3°C	Humidity	57.8%
Configurations	107.9 MHz / 180° / Mode 1		

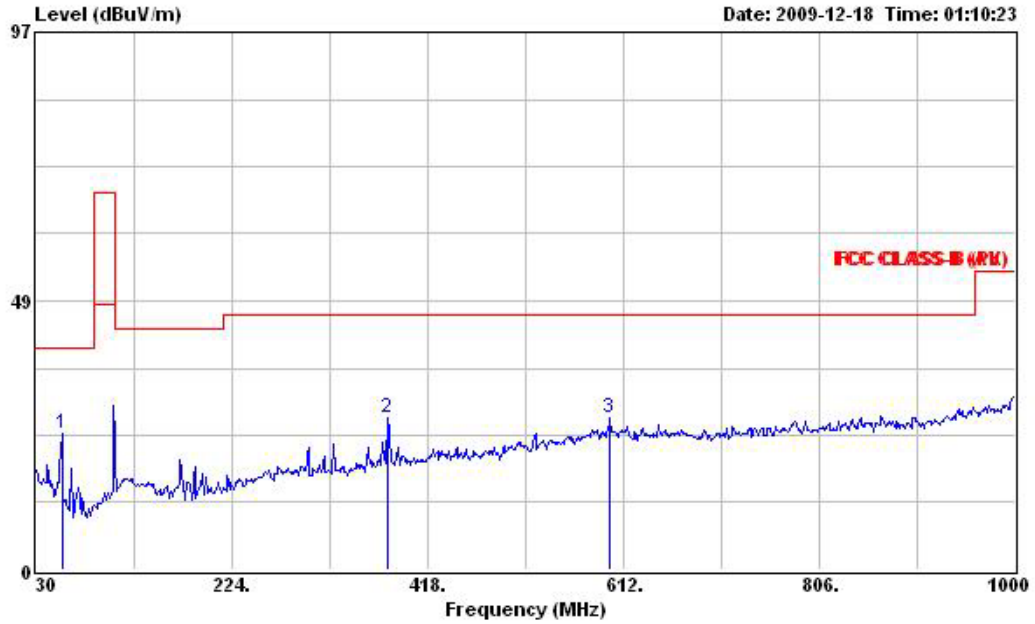
Horizontal



Site : 10CH01-HY  
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL  
 Model : SV5TK1  
 Memo : FCC ID:NKRUPASV5  
 Memo : FM 107.9M  
 Memo : FORD MONDEO  
 Memo : Medium CAR  
 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	607.150	26.01	-19.99	46.00	29.14	5.26	20.00	28.39	Peak	---	---
2	749.740	27.40	-18.60	46.00	30.28	5.73	19.54	28.15	Peak	---	---
3	967.020	30.84	-23.16	54.00	30.44	6.08	21.65	27.33	Peak	---	---

Vertical



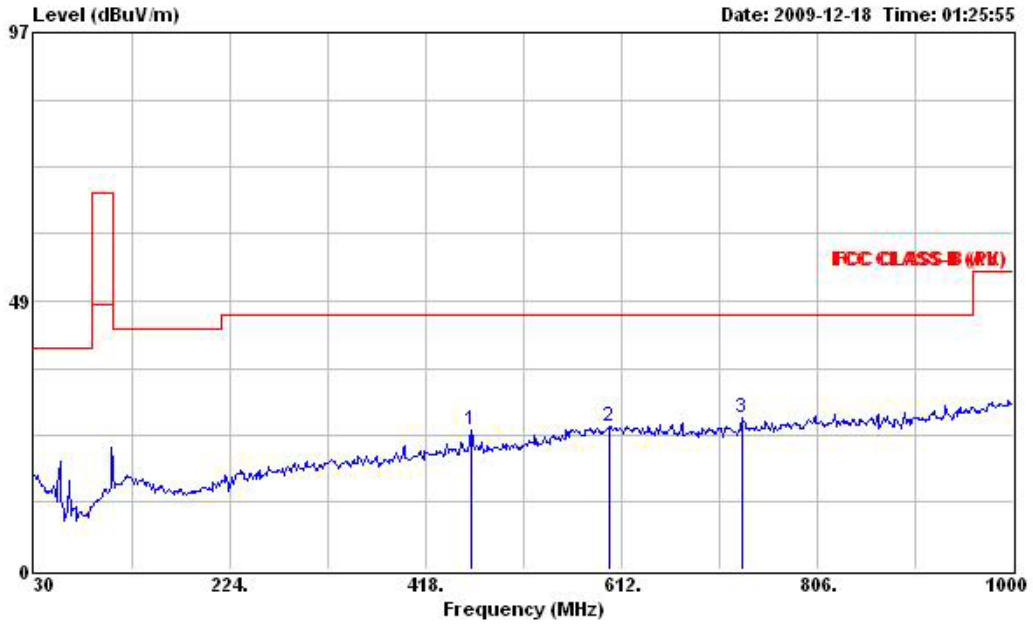
Site : 10CH01-HY  
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL  
 Model : SV5TK1  
 Memo : FCC ID:NKRUPASV5  
 Memo : FM 107.9M  
 Memo : FORD MONDEO  
 Memo : Medium CAR  
 Memo : 180度

	Freq	Level	Over	Limit	Read	Cable	Probe	Preamp	Remark	Ant	Table
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	55.220	24.44	-15.56	40.00	42.42	1.74	8.47	28.19	Peak	---	---
2	378.230	27.46	-18.54	46.00	36.15	4.16	15.00	27.85	Peak	---	---
3	598.420	27.43	-18.57	46.00	30.55	5.25	20.03	28.40	Peak	---	---

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

Temperature	20.3°C	Humidity	57.8%
Configurations	107.9 MHz / 225° / Mode 1		

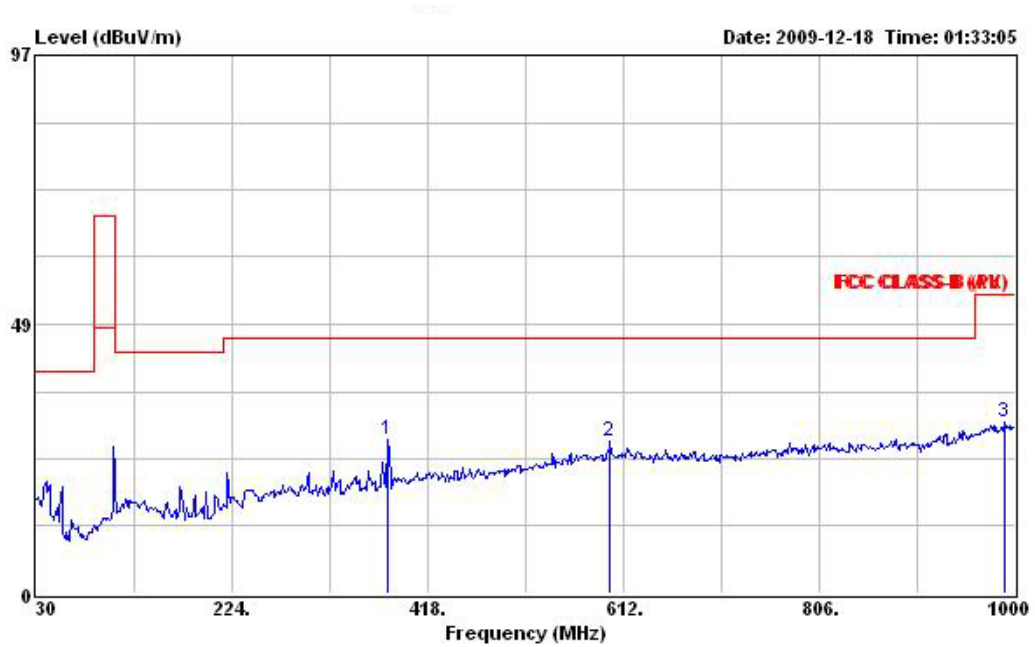
Horizontal



Site : 10CH01-HY  
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL  
 Model : SY5TK1  
 Memo : FCC ID:NKRUPASV5  
 Memo : FM 107.9M  
 Memo : FORD MONDEO  
 Memo : Medium CAR  
 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	463.590	25.21	-20.79	46.00	32.31	4.54	16.61	28.25	Peak	---	---
2	599.390	25.89	-20.11	46.00	28.99	5.25	20.05	28.40	Peak	---	---
3	731.310	27.29	-18.71	46.00	30.51	5.66	19.32	28.20	Peak	---	---

Vertical



Site : 10CH01-HY  
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL  
 Model : SV5TK1  
 Memo : FCC ID:NKRUPASV5  
 Memo : FM 107.9M  
 Memo : FORD MONDEO  
 Memo : Medium CAR  
 Memo : 225度

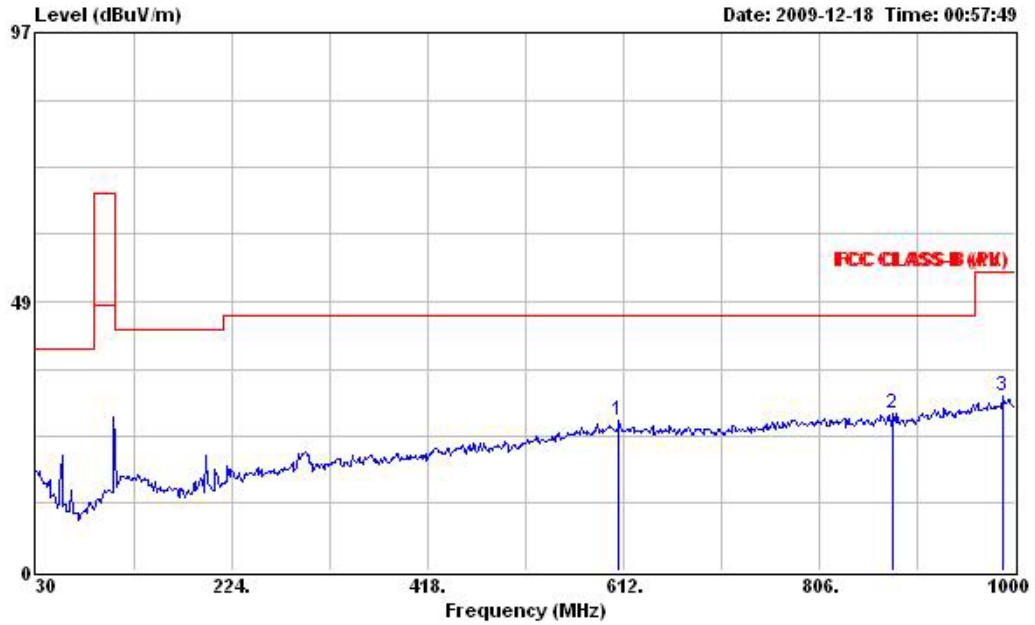
	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	378.230	27.65	-18.35	46.00	36.34	4.16	15.00	27.85	Peak	---	---
2	598.420	27.26	-18.74	46.00	30.38	5.25	20.03	28.40	Peak	---	---
3	990.300	30.83	-23.17	54.00	29.66	6.15	22.26	27.24	Peak	---	---

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



Temperature	20.3°C	Humidity	57.8%
Configurations	107.9 MHz / 270° / Mode 1		

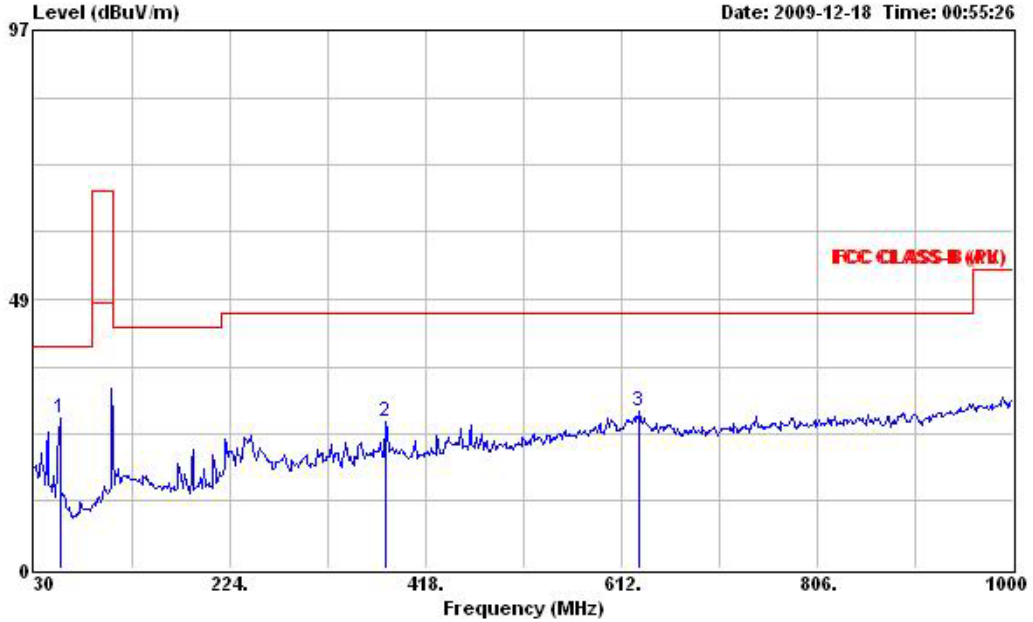
Horizontal



Site : 10CH01-HY  
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL  
 Model : SY5TK1  
 Memo : FCC ID: NKRUPASV5  
 Memo : FM 107.9M  
 Memo : FORD MONDEO  
 Memo : Medium CAR  
 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	607.150	27.07	-18.93	46.00	30.20	5.26	20.00	28.39	Peak	---	---
2	878.750	28.28	-17.72	46.00	30.03	5.99	19.94	27.68	Peak	---	---
3	987.390	31.39	-22.61	54.00	30.31	6.14	22.19	27.25	Peak	---	---

Vertical



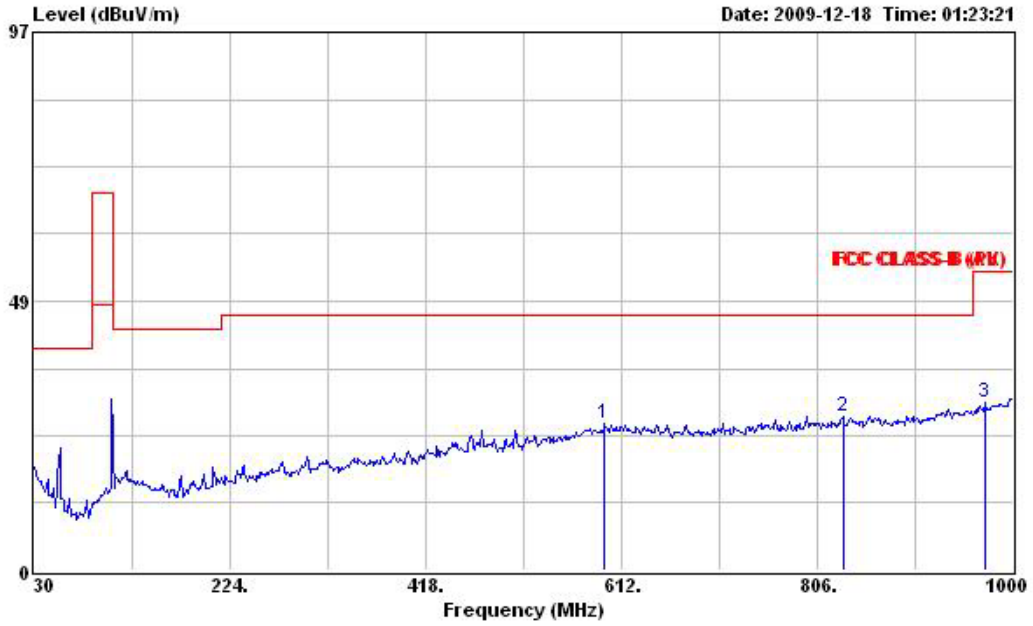
Site : 10CH01-HY  
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL  
 Model : SV5TK1  
 Memo : FCC ID: NKRUPASV5  
 Memo : FM 107.9M  
 Memo : FORD MONDEO  
 Memo : Medium CAR  
 Memo : 270度

	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	55.220	26.94	-13.06	40.00	44.92	1.74	8.47	28.19	Peak	---	---
2	378.230	26.40	-19.60	46.00	35.09	4.16	15.00	27.85	Peak	---	---
3	629.460	28.24	-17.76	46.00	31.62	5.24	19.75	28.37	Peak	---	---

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

Temperature	20.3°C	Humidity	57.8%
Configurations	107.9 MHz / 315° / Mode 1		

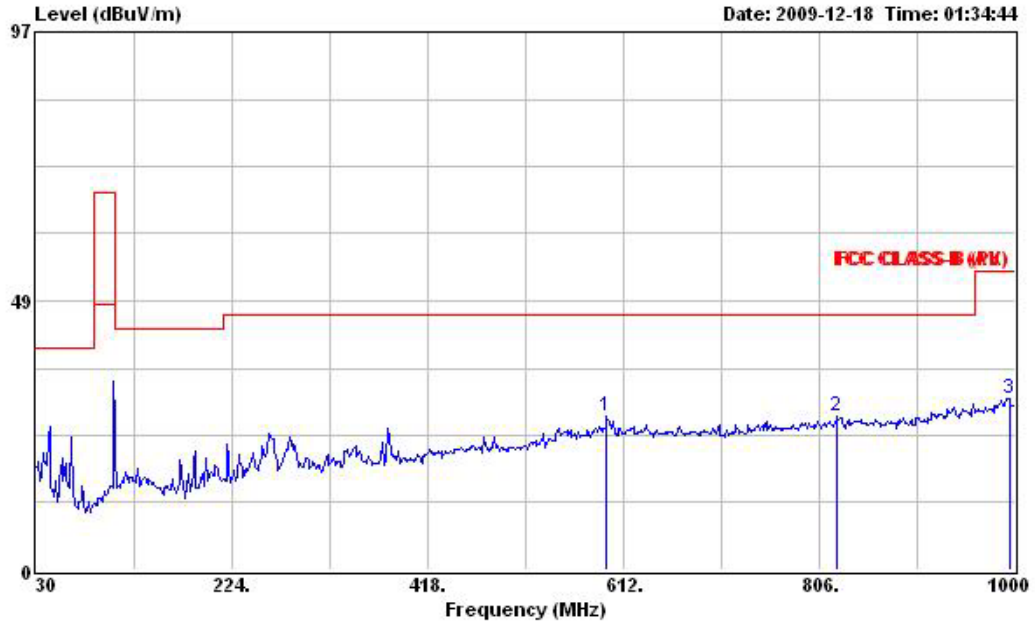
Horizontal



Site : 10CH01-HY  
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL  
 Model : SV5TK1  
 Memo : FCC ID:NKRUPASV5  
 Memo : FM 107.9M  
 Memo : FORD MONDEO  
 Memo : Medium CAR  
 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	595.510	26.31	-19.69	46.00	29.52	5.24	19.95	28.40	Peak	---	---
2	831.220	27.84	-18.16	46.00	29.91	5.73	20.08	27.88	Peak	---	---
3	971.870	30.27	-23.73	54.00	29.71	6.09	21.78	27.31	Peak	---	---

Vertical



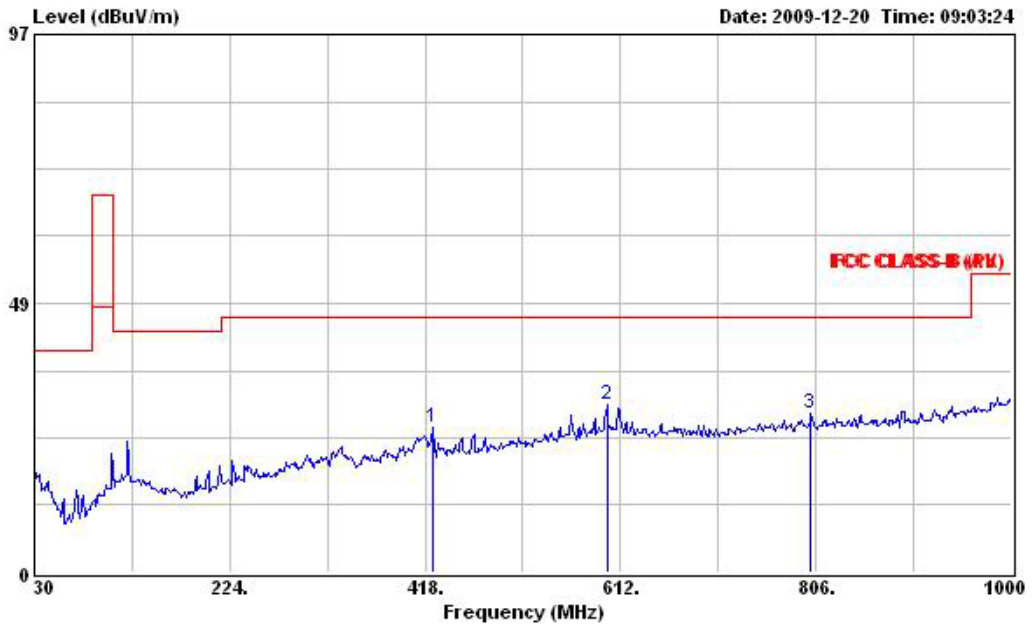
Site : 10CH01-HY  
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL  
 Model : SY5TK1  
 Memo : FCC ID:NKRUPASV5  
 Memo : FM 107.9M  
 Memo : FORD MONDEO  
 Memo : Medium CAR  
 Memo : 315度

	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	595.510	27.58	-18.42	46.00	30.79	5.24	19.95	28.40	Peak	---	---
2	823.460	27.56	-18.44	46.00	29.70	5.67	20.10	27.91	Peak	---	---
3	994.180	30.81	-23.19	54.00	29.50	6.16	22.37	27.22	Peak	---	---

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

Temperature	20.3°C	Humidity	57.8%
Configurations	107.9 MHz / 0° / Mode 2		

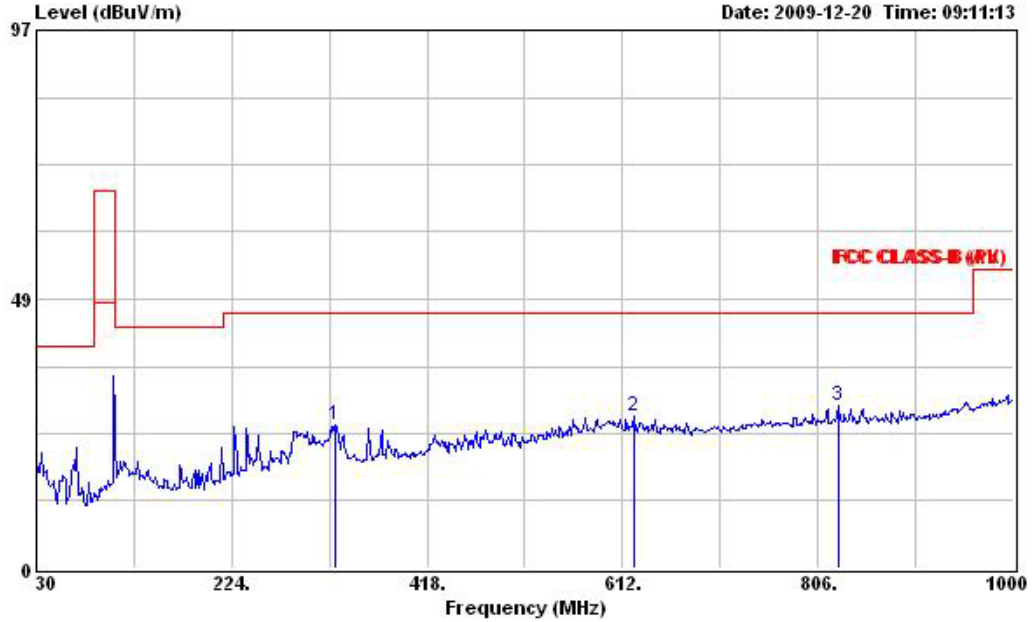
Horizontal



Site : 10CH01-HY  
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL  
 Model : SY5TK1  
 Memo : FCC ID:NKRUPASV5  
 Memo : FM 107.9M  
 Memo : Mitsubishi ( LANCER GLXi )  
 Memo : Small CAR  
 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	424.790	26.03	-19.97	46.00	33.90	4.40	15.83	28.10	Peak	---	---
2	598.420	30.15	-15.85	46.00	33.27	5.25	20.03	28.40	Peak	---	---
3	801.150	28.61	-17.39	46.00	30.95	5.48	20.17	27.99	Peak	---	---

Vertical



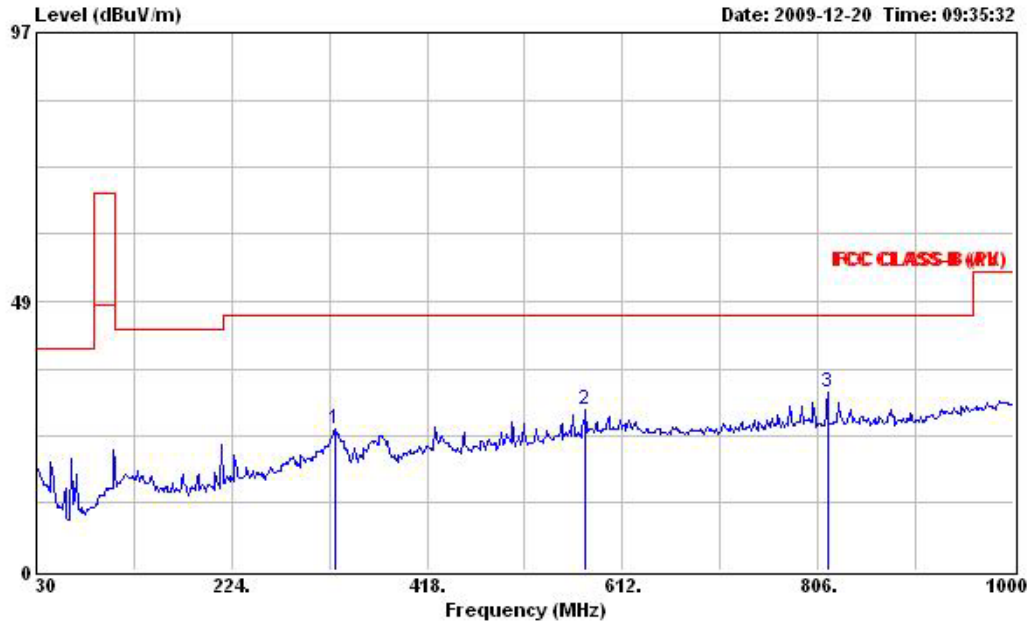
Site : 10CH01-HY  
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL  
 Model : SV5TK1  
 Memo : FCC ID:NKRUPASV5  
 Memo : FM 107.9M  
 Memo : Mitsubishi ( LANCER GLXi )  
 Memo : Small CAR  
 Memo : 0度

	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	326.820	25.70	-20.30	46.00	35.04	3.93	14.21	27.48	Peak	---	---
2	622.670	27.32	-18.68	46.00	30.63	5.25	19.82	28.38	Peak	---	---
3	827.340	29.44	-16.56	46.00	31.54	5.70	20.09	27.89	Peak	---	---

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

Temperature	20.3°C	Humidity	57.8%
Configurations	107.9 MHz / 45° / Mode 2		

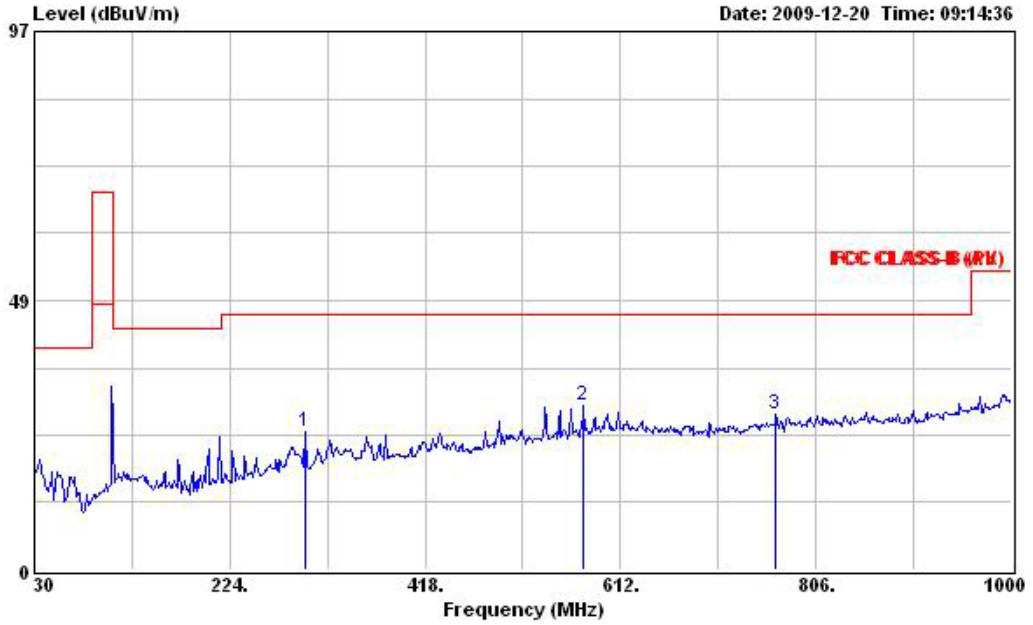
Horizontal



Site : 10CH01-HY  
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL  
 Model : SV5TK1  
 Memo : FCC ID:NKRUPASV5  
 Memo : FM 107.9M  
 Memo : Mitsubishi ( LANCER GLXi )  
 Memo : Small CAR  
 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	326.820	25.50	-20.50	46.00	34.84	3.93	14.21	27.48	Peak	---	---
2	575.140	29.11	-16.89	46.00	32.98	5.14	19.39	28.40	Peak	---	---
3	815.700	32.00	-14.00	46.00	34.22	5.60	20.12	27.94	Peak	---	---

Vertical



Site : 10CH01-HY  
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL  
 Model : SV5TK1  
 Memo : FCC ID:NKRUPASV5  
 Memo : FM 107.9M  
 Memo : Mitsubishi (LANCER GLXi)  
 Memo : Small CAR  
 Memo : 45度

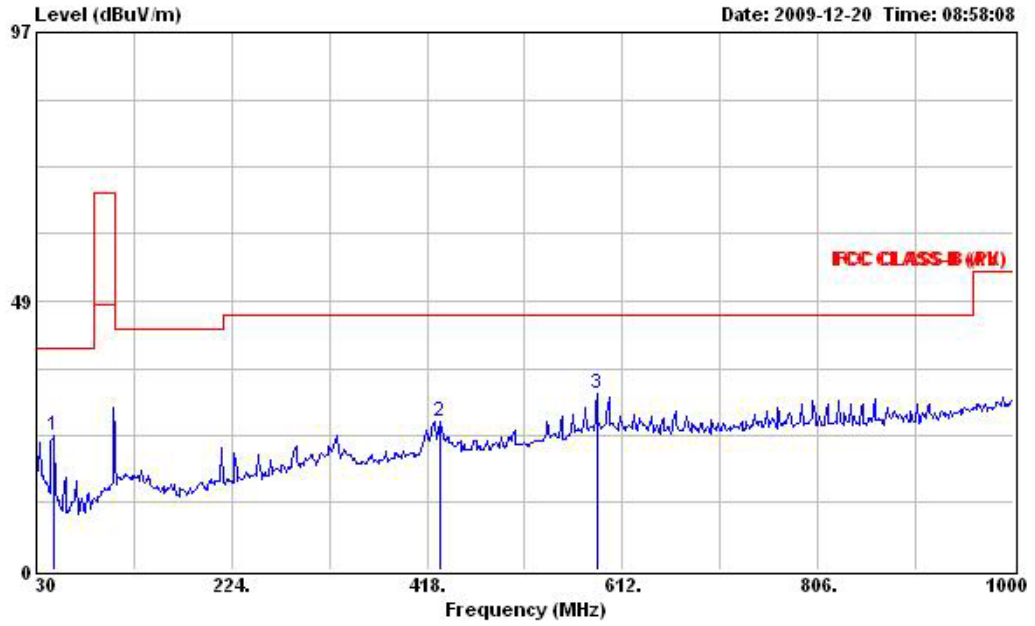
	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	299.660	24.92	-21.08	46.00	34.57	3.85	13.80	27.30	Peak	---	---
2	575.140	29.56	-16.44	46.00	33.43	5.14	19.39	28.40	Peak	---	---
3	766.230	28.08	-17.92	46.00	30.78	5.65	19.75	28.10	Peak	---	---

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



Temperature	20.3°C	Humidity	57.8%
Configurations	107.9 MHz / 90° / Mode 2		

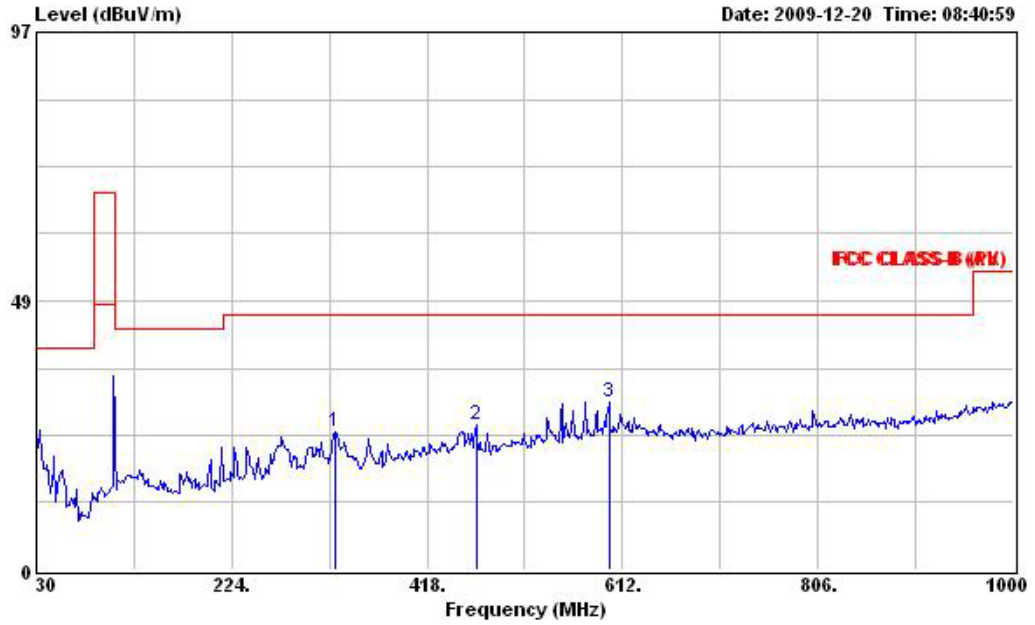
Horizontal



Site : 10CH01-HY  
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL  
 Model : SY5TK1  
 Memo : FCC ID: NKRUPASV5  
 Memo : FM 107.9M  
 Memo : Mitsubishi ( LANCER GLXi )  
 Memo : Small CAR  
 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	47.460	24.16	-15.84	40.00	39.72	1.60	11.05	28.21	Peak	---	---
2	431.580	26.77	-19.23	46.00	34.50	4.43	15.96	28.12	Peak	---	---
3	586.780	31.79	-14.21	46.00	35.28	5.20	19.71	28.40	Peak	---	---

Vertical



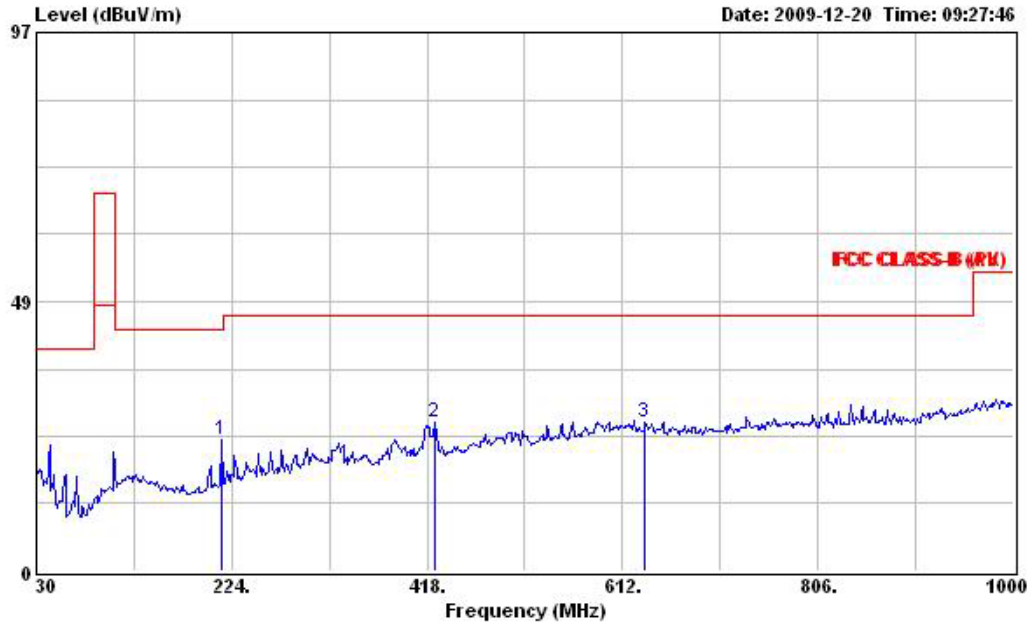
Site : 10CH01-HY  
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL  
 Model : SY5TK1  
 Memo : FCC ID:NKRUPASV5  
 Memo : FM 107.9M  
 Memo : Mitsubishi ( LANCER GLXi )  
 Memo : Small CAR  
 Memo : 90度

	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	326.820	24.92	-21.08	46.00	34.26	3.93	14.21	27.48	Peak	---	---
2	466.500	26.19	-19.81	46.00	33.23	4.55	16.67	28.26	Peak	---	---
3	598.420	30.28	-15.72	46.00	33.40	5.25	20.03	28.40	Peak	---	---

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

Temperature	20.3°C	Humidity	57.8%
Configurations	107.9 MHz / 135° / Mode 2		

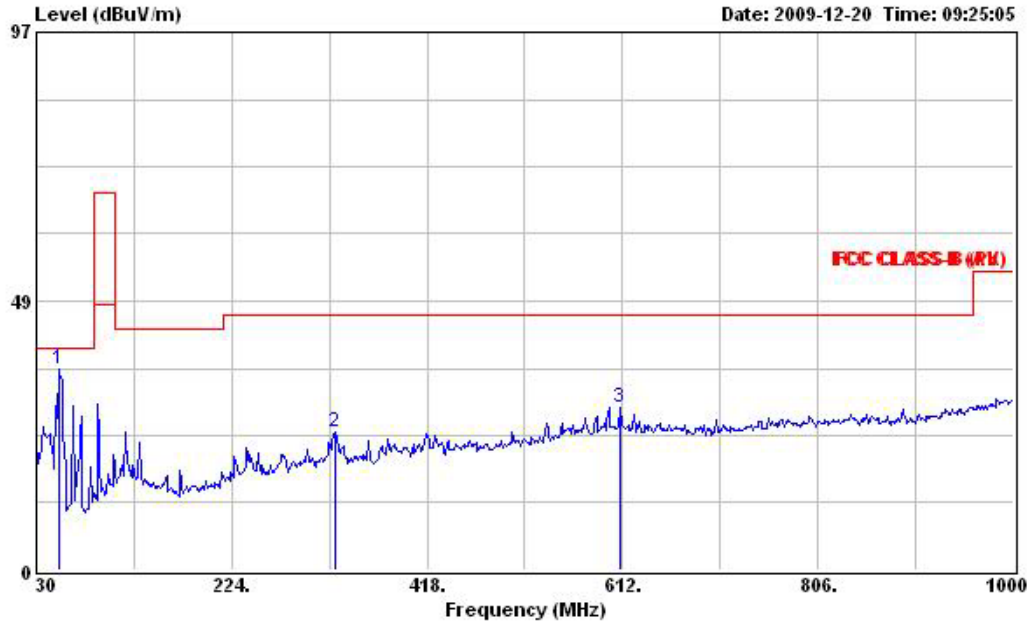
Horizontal



Site : 10CH01-HY  
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL  
 Model : SV5TK1  
 Memo : FCC ID: NKRUPASV5  
 Memo : FM 107.9M  
 Memo : Mitsubishi (LANCER GLXi)  
 Memo : Small CAR  
 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	214.300	23.59	-19.91	43.50	36.74	3.25	11.16	27.56	Peak	---	---
2	424.790	26.63	-19.37	46.00	34.50	4.40	15.83	28.10	Peak	---	---
3	634.310	26.90	-19.10	46.00	30.33	5.24	19.69	28.36	Peak	---	---

Vertical



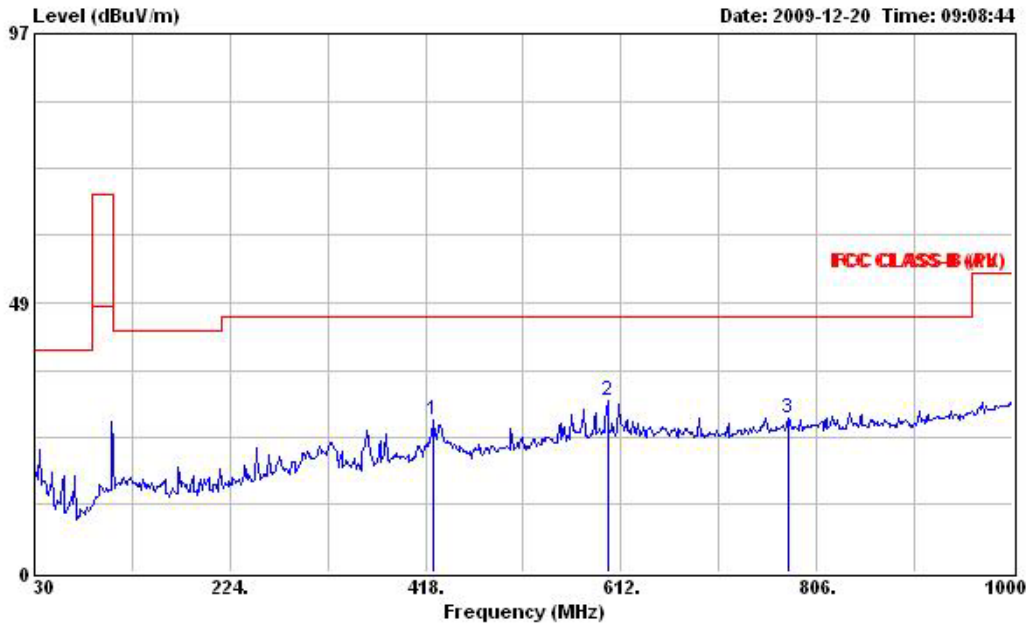
Site : 10CH01-HY  
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL  
 Model : SY5TK1  
 Memo : FCC ID:NKRUPASV5  
 Memo : FM 107.9M  
 Memo : Mitsubishi ( LANCER GLXi )  
 Memo : Small CAR  
 Memo : 135度

	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	52.310	36.27	-3.73	40.00	53.51	1.68	9.27	28.19	Peak	---	---
2	326.820	24.82	-21.18	46.00	34.16	3.93	14.21	27.48	Peak	---	---
3	610.060	29.35	-16.65	46.00	32.52	5.25	19.97	28.39	Peak	---	---

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

Temperature	20.3°C	Humidity	57.8%
Configurations	107.9 MHz / 180° / Mode 2		

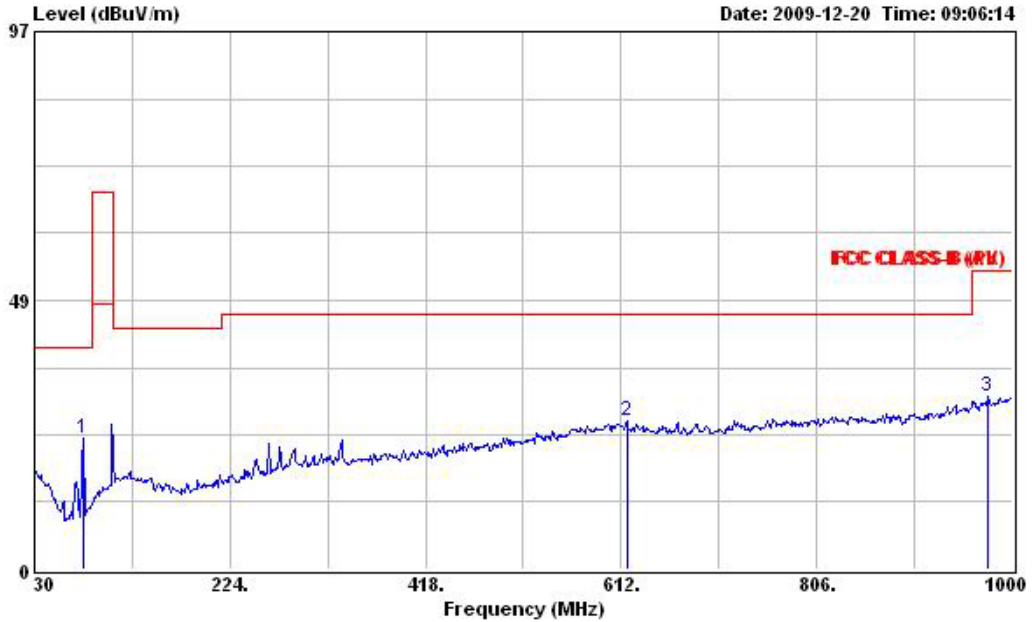
Horizontal



Site : 10CH01-HY  
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL  
 Model : SV5TK1  
 Memo : FCC ID:NKRUPASV5  
 Memo : FM 107.9M  
 Memo : Mitsubishi (LANCER GLXi)  
 Memo : Small CAR  
 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	424.790	27.37	-18.63	46.00	35.24	4.40	15.83	28.10	Peak	---	---
2	598.420	30.73	-15.27	46.00	33.85	5.25	20.03	28.40	Peak	---	---
3	777.870	27.86	-18.14	46.00	30.45	5.59	19.89	28.07	Peak	---	---

Vertical



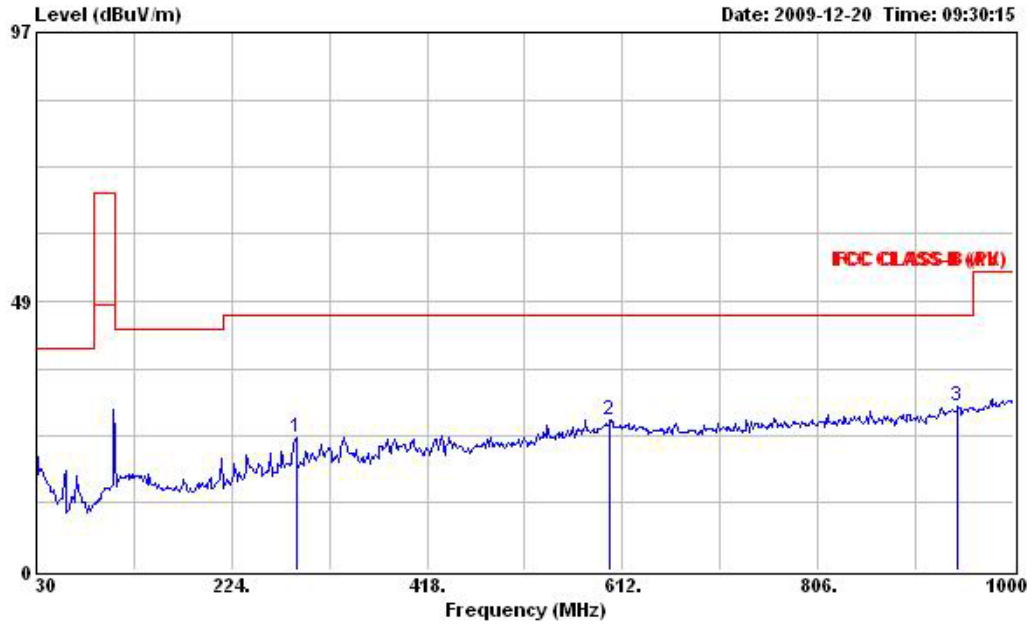
Site : 10CH01-HY  
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL  
 Model : SV5TK1  
 Memo : FCC ID: NKRUPASV5  
 Memo : FM 107.9M  
 Memo : Mitsubishi (LANCER GLXi)  
 Memo : Small CAR  
 Memo : 180度

	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	78.500	23.64	-16.36	40.00	42.18	2.03	7.57	28.14	Peak	---	---
2	617.820	26.77	-19.23	46.00	30.02	5.25	19.88	28.38	Peak	---	---
3	975.750	31.08	-22.92	54.00	30.39	6.10	21.88	27.29	Peak	---	---

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

Temperature	20.3°C	Humidity	57.8%
Configurations	107.9 MHz / 225° / Mode 2		

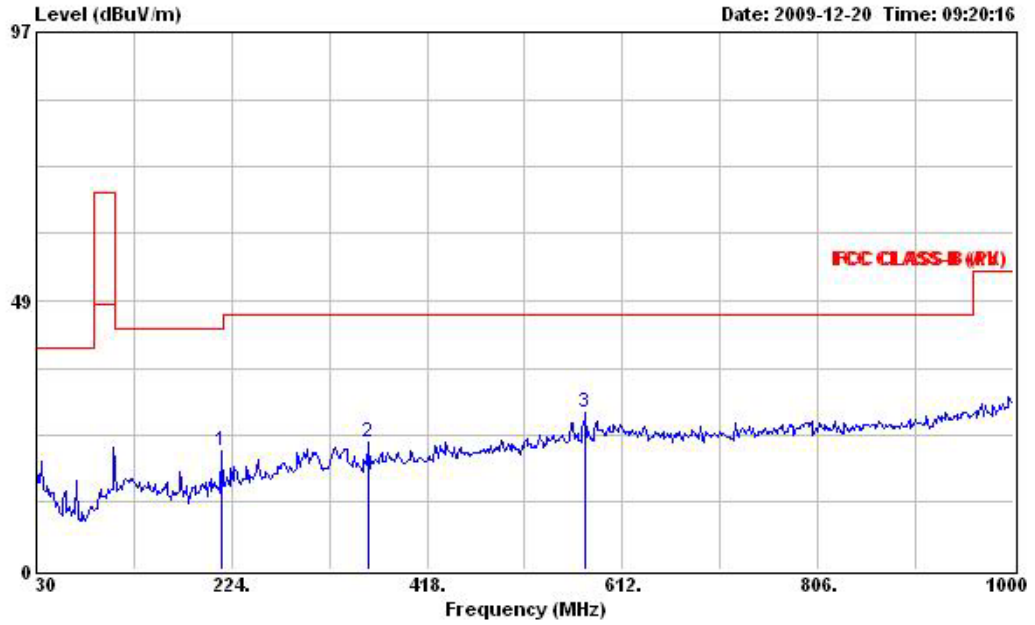
Horizontal



Site : 10CH01-HY  
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL  
 Model : SV5TK1  
 Memo : FCC ID:NKRUPASV5  
 Memo : FM 107.9M  
 Memo : Mitsubishi ( LANCER GLXi )  
 Memo : Small CAR  
 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	288.020	24.02	-21.98	46.00	34.05	3.75	13.56	27.34	Peak	---	---
2	599.390	27.13	-18.87	46.00	30.23	5.25	20.05	28.40	Peak	---	---
3	944.710	29.53	-16.47	46.00	29.87	6.02	21.06	27.42	Peak	---	---

Vertical



Site : 10CH01-HY  
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL  
 Model : SV5TK1  
 Memo : FCC ID:NKRUPASV5  
 Memo : FM 107.9M  
 Memo : Mitsubishi ( LANCER GLXi )  
 Memo : Small CAR  
 Memo : 225度

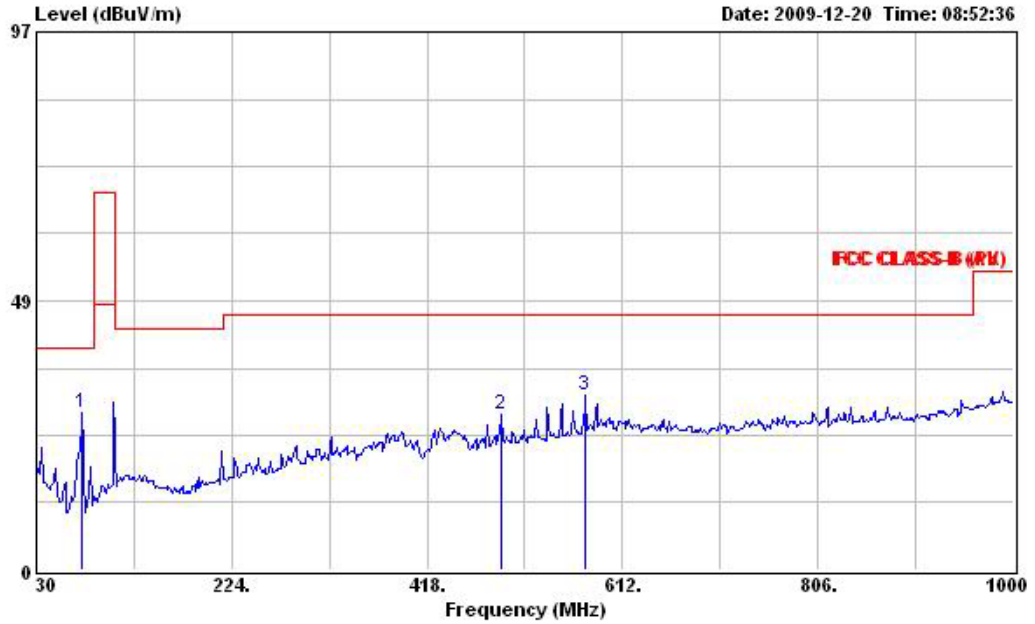
	Freq	Level	Over	Limit	Read	Cable	Probe	Preamp	Remark	Ant	Table
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	214.300	21.29	-22.21	43.50	34.44	3.25	11.16	27.56	Peak	---	---
2	358.830	23.05	-22.95	46.00	32.01	4.05	14.70	27.71	Peak	---	---
3	575.140	28.28	-17.72	46.00	32.15	5.14	19.39	28.40	Peak	---	---

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



Temperature	20.3°C	Humidity	57.8%
Configurations	107.9 MHz / 270° / Mode 2		

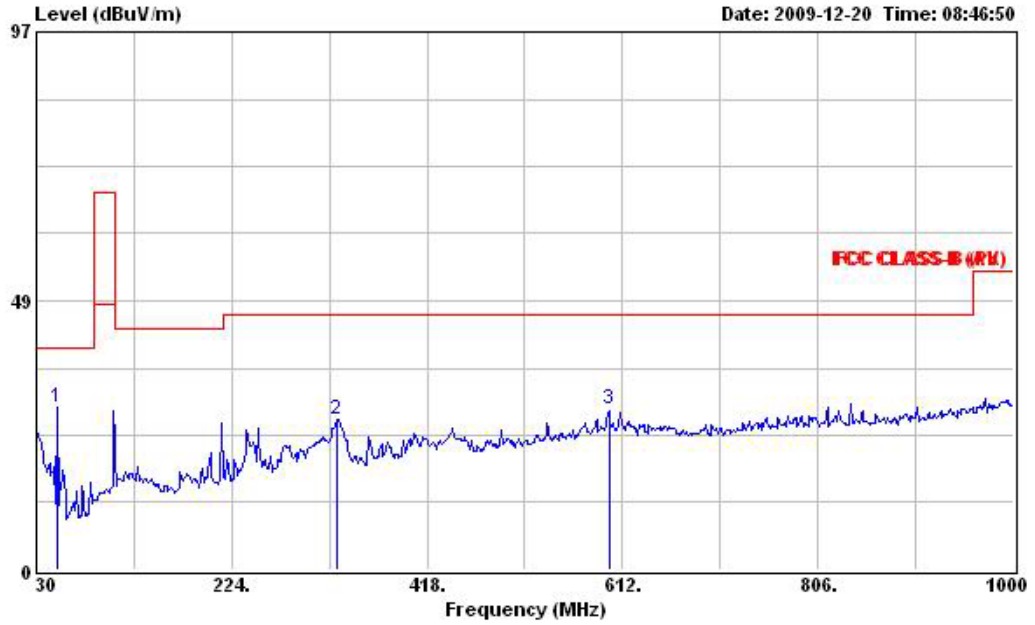
Horizontal



Site : 10CH01-HY  
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL  
 Model : SV5TK1  
 Memo : FCC ID:NKRUPASV5  
 Memo : FM 107.9M  
 Memo : Mitsubishi ( LANCER GLXi )  
 Memo : Small CAR  
 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	75.590	28.28	-11.72	40.00	47.05	2.01	7.37	28.15	Peak	---	---
2	490.750	28.16	-17.84	46.00	34.76	4.61	17.15	28.36	Peak	---	---
3	575.140	31.50	-14.50	46.00	35.37	5.14	19.39	28.40	Peak	---	---

Vertical



Site : 10CH01-HY  
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL  
 Model : SY5TK1  
 Memo : FCC ID:NKRUPASV5  
 Memo : FM 107.9M  
 Memo : Mitsubishi ( LANCER GLXi )  
 Memo : Small CAR  
 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	51.340	29.17	-10.83	40.00	46.18	1.66	9.53	28.20	Peak	---	---
2	327.790	27.24	-18.76	46.00	36.56	3.94	14.23	27.49	Peak	---	---
3	598.420	28.82	-17.18	46.00	31.94	5.25	20.03	28.40	Peak	---	---

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