

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	MIRGE (iPnP)
Brand Name	Sirius
Model Name	RS2SPRC1
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	4.3 dB
3.2	Field Strength of Fundamental Emissions	5.51 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) + RS2SPRC1

Mode 2: Small Car (Mitsubishi, Lancer) + RS2SPRC1

Mode 3: Large Car (Ford, IXION) + RS2SPRC1

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, 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>

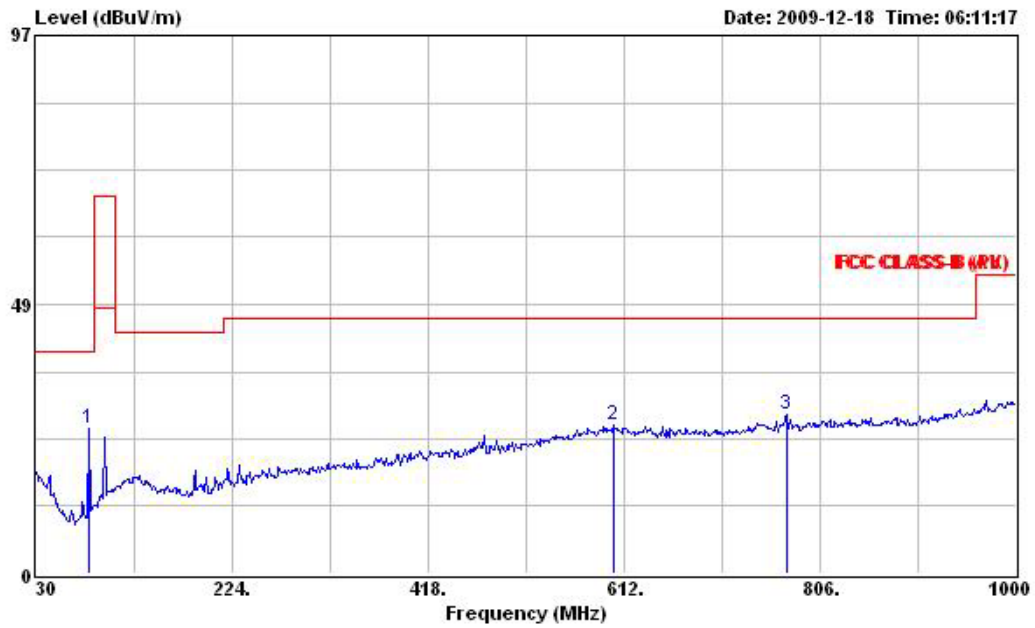
Receiver Parameter	Setting
Attenuation	Auto
Center Frequency	Fundamental Frequency
RB	120 KHz
Detector	Peak / QP / Average

3. TEST RESULT

3.1 Results for Radiated Emissions

Temperature	20.3°C	Humidity	57.8%
Configurations	98.3 MHz/ 0° / Mode 1		

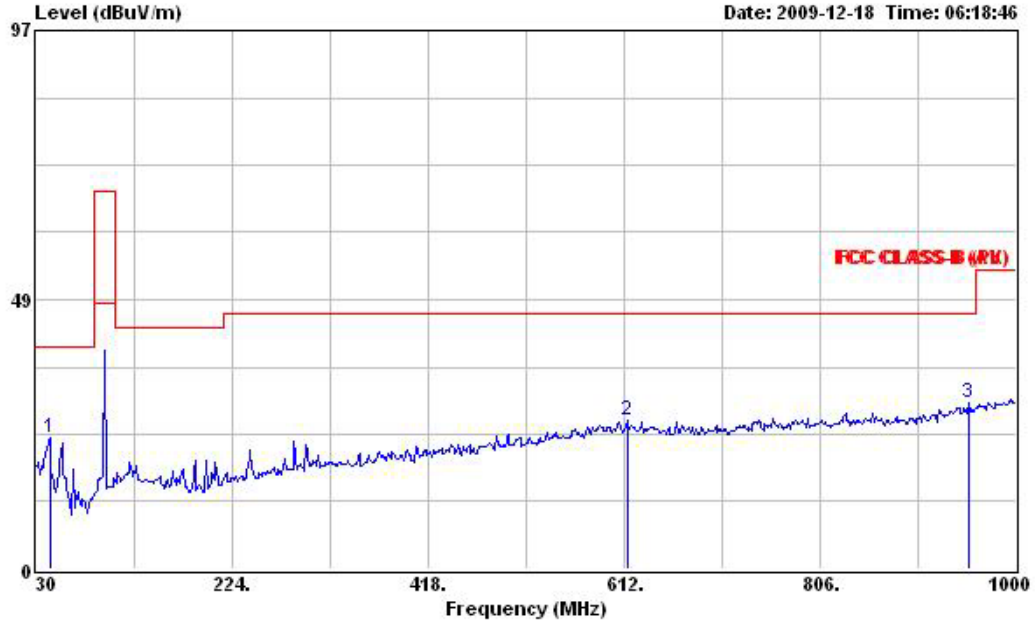
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 Model : SPRC1
 Memo : FCC ID:RS2SPRC1
 Memo : FM 98.3M
 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	82.380	26.16	-13.84	40.00	44.12	2.07	8.11	28.14	Peak	---	---
2	602.300	26.83	-19.17	46.00	29.91	5.26	20.06	28.40	Peak	---	---
3	773.020	28.60	-17.40	46.00	31.23	5.62	19.83	28.08	Peak	---	---

Vertical



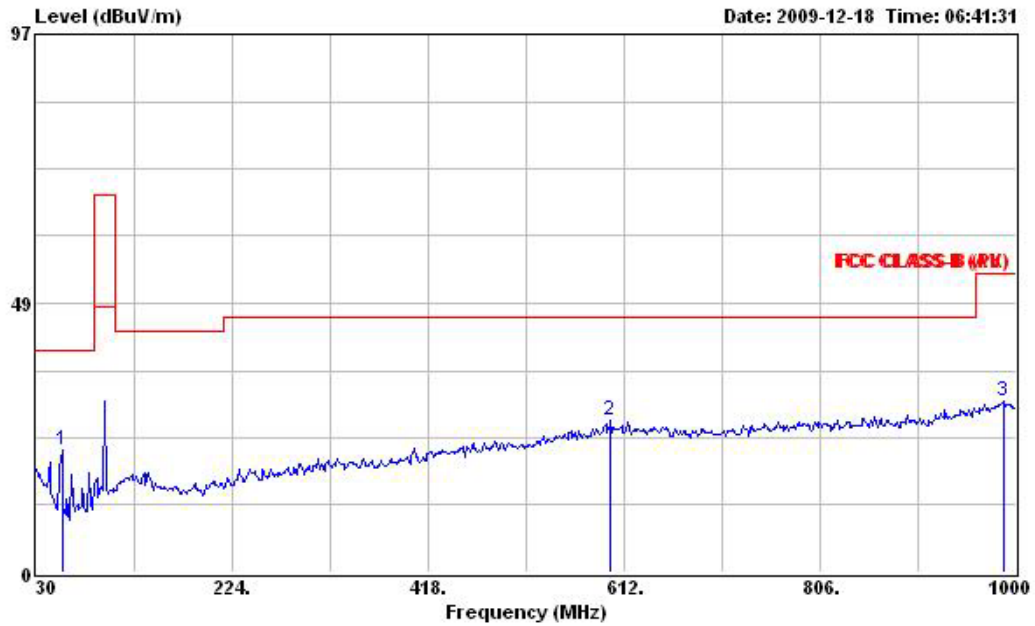
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 Model : SPRC1
 Memo : FCC ID:RS2SPRC1
 Memo : FM 98.3M
 Memo : FORD MONDEO
 Memo : Medium CAR
 Memo : 0度

	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	43.580	23.76	-16.24	40.00	37.89	1.52	12.57	28.22	Peak	---	---
2	614.910	26.72	-19.28	46.00	29.94	5.25	19.91	28.38	Peak	---	---
3	952.470	29.94	-16.06	46.00	30.05	6.02	21.26	27.39	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	98.3 MHz/ 45° / Mode 1		

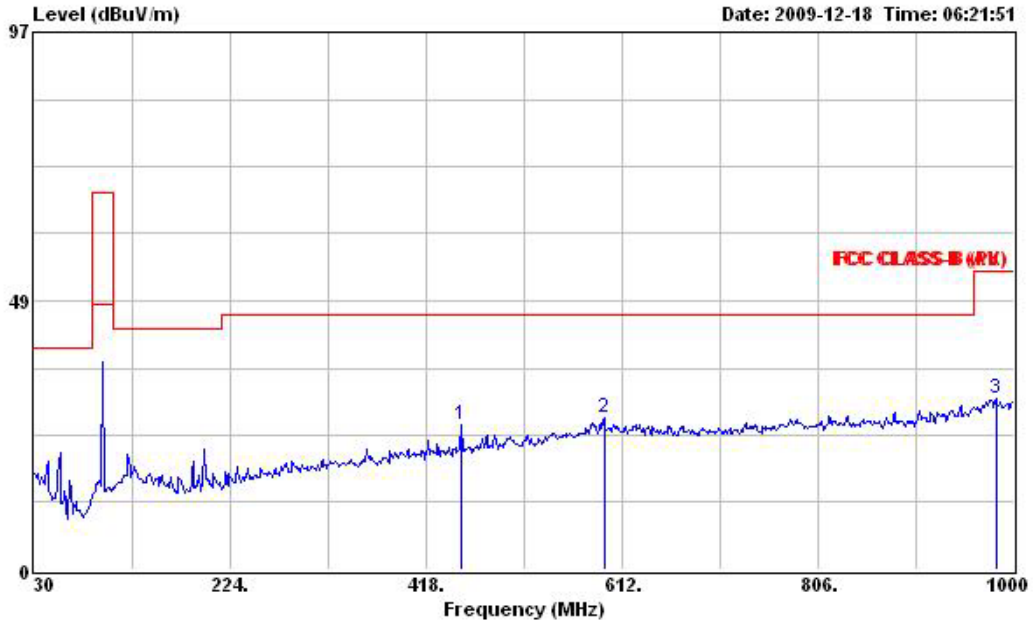
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 Model : SPRC1
 Memo : FCC ID:RS2SPRC1
 Memo : FM 98.3M
 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	55.220	22.11	-17.89	40.00	40.09	1.74	8.47	28.19	Peak	---	---
2	598.420	27.37	-18.63	46.00	30.49	5.25	20.03	28.40	Peak	---	---
3	987.390	31.01	-22.99	54.00	29.93	6.14	22.19	27.25	Peak	---	---

Vertical



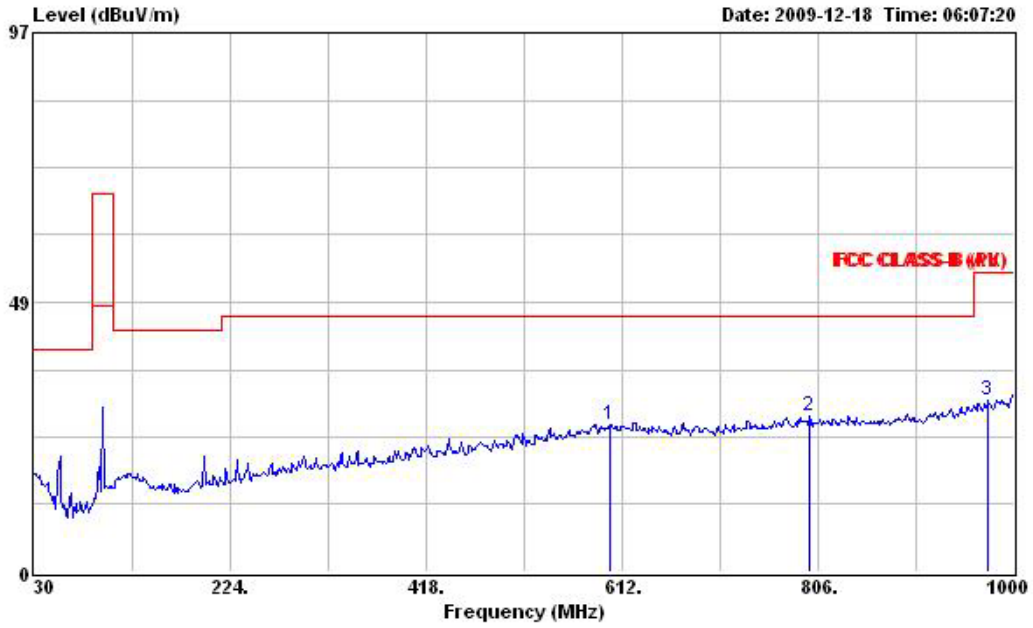
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 Model : SPRC1
 Memo : FCC ID:RS2SPRC1
 Memo : FM 98.3M
 Memo : FORD MONDEO
 Memo : Medium CAR
 Memo : 45度

	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	451.950	26.20	-19.80	46.00	33.53	4.51	16.37	28.21	Peak	---	---
2	594.540	27.30	-18.70	46.00	30.55	5.23	19.92	28.40	Peak	---	---
3	982.540	30.91	-23.09	54.00	29.99	6.13	22.06	27.27	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	98.3 MHz/ 90° / Mode 1		

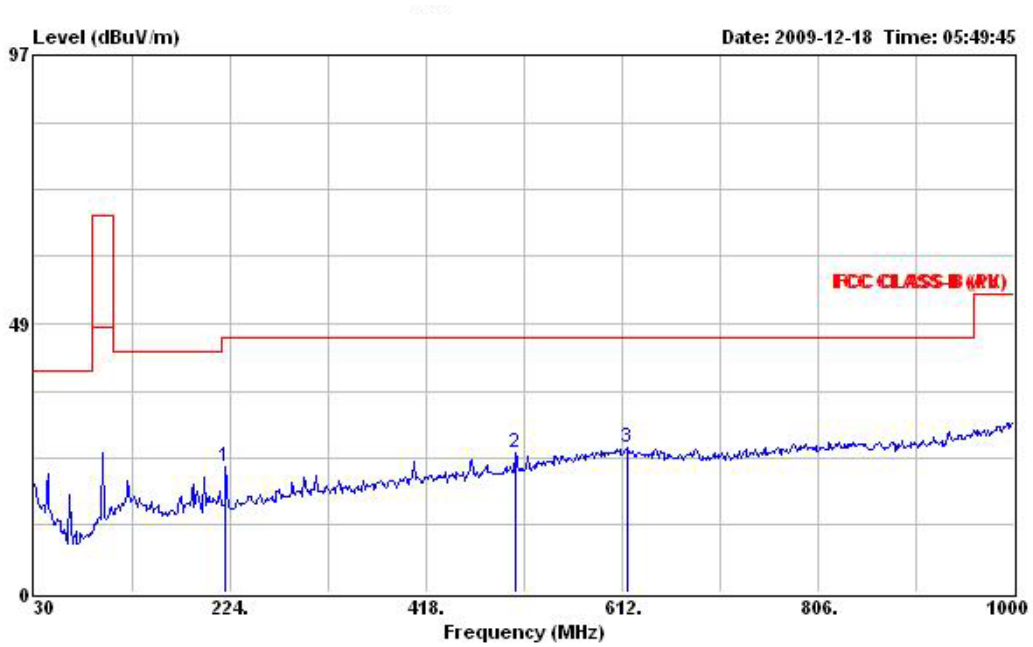
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 Model : SPRC1
 Memo : FCC ID:RS2SPRC1
 Memo : FM 98.3M
 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	599.390	26.59	-19.41	46.00	29.69	5.25	20.05	28.40	Peak	---	---
2	797.270	27.96	-18.04	46.00	30.35	5.49	20.13	28.01	Peak	---	---
3	974.780	30.76	-23.24	54.00	30.11	6.10	21.85	27.30	Peak	---	---

Vertical



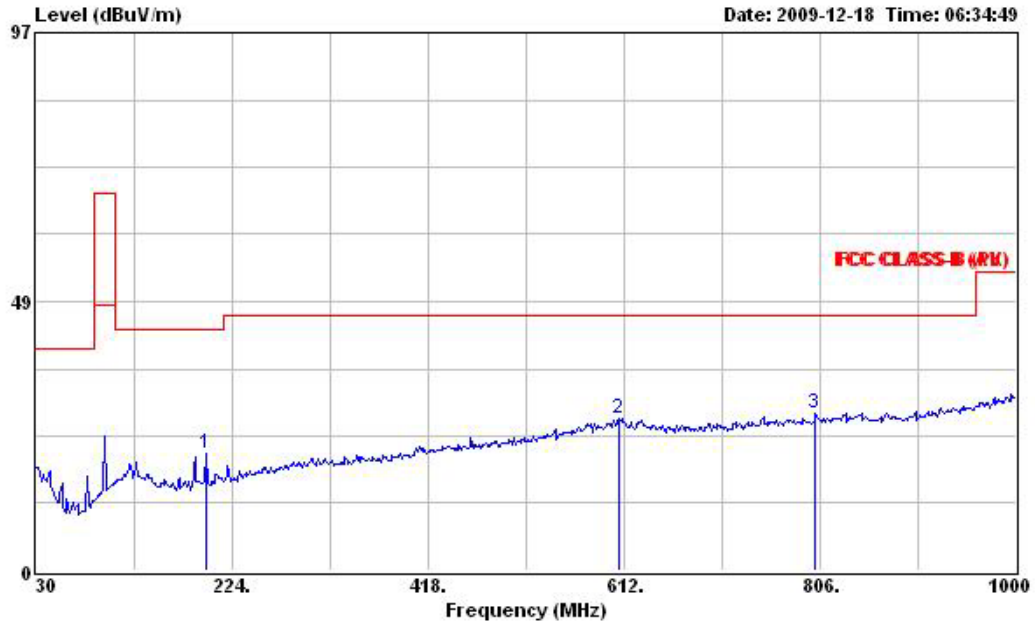
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 Model : SPRC1
 Memo : FCC ID:RS2SPRC1
 Memo : FM 98.3M
 Memo : FORD MONDEO
 Memo : Medium CAR
 Memo : 90度

	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	219.150	22.64	-23.36	46.00	35.53	3.27	11.38	27.54	Peak	---	---
2	506.270	25.22	-20.78	46.00	31.43	4.68	17.51	28.40	Peak	---	---
3	617.820	26.08	-19.92	46.00	29.33	5.25	19.88	28.38	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	98.3 MHz/ 135° / Mode 1		

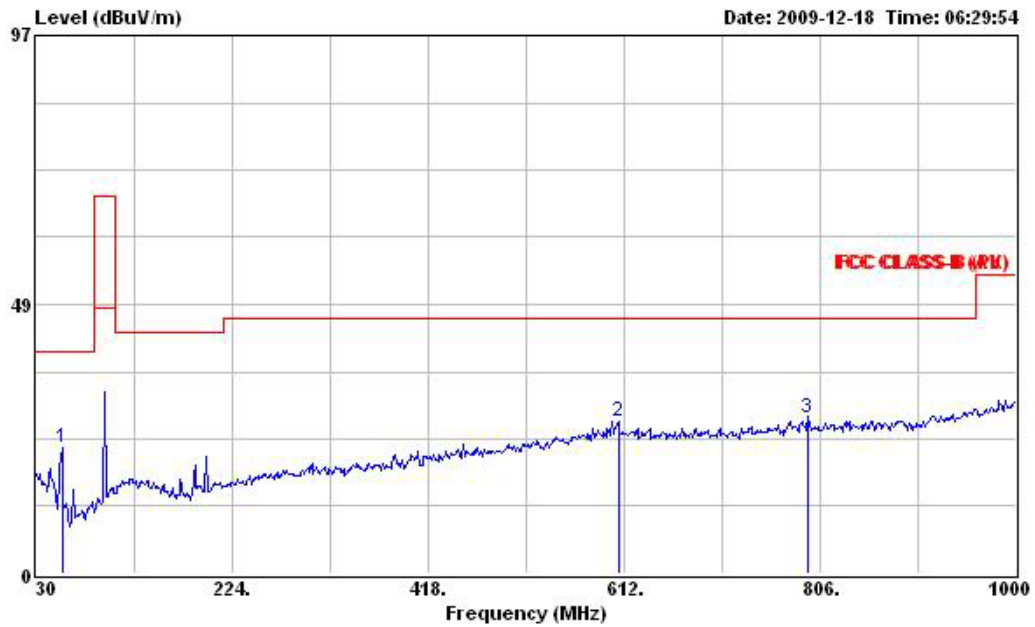
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 Model : SPRC1
 Memo : FCC ID:RS2SPRC1
 Memo : FM 98.3M
 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	198.780	21.14	-22.36	43.50	35.11	3.17	10.47	27.61	Peak	---	---
2	607.150	27.44	-18.56	46.00	30.57	5.26	20.00	28.39	Peak	---	---
3	801.150	28.47	-17.53	46.00	30.81	5.48	20.17	27.99	Peak	---	---

Vertical



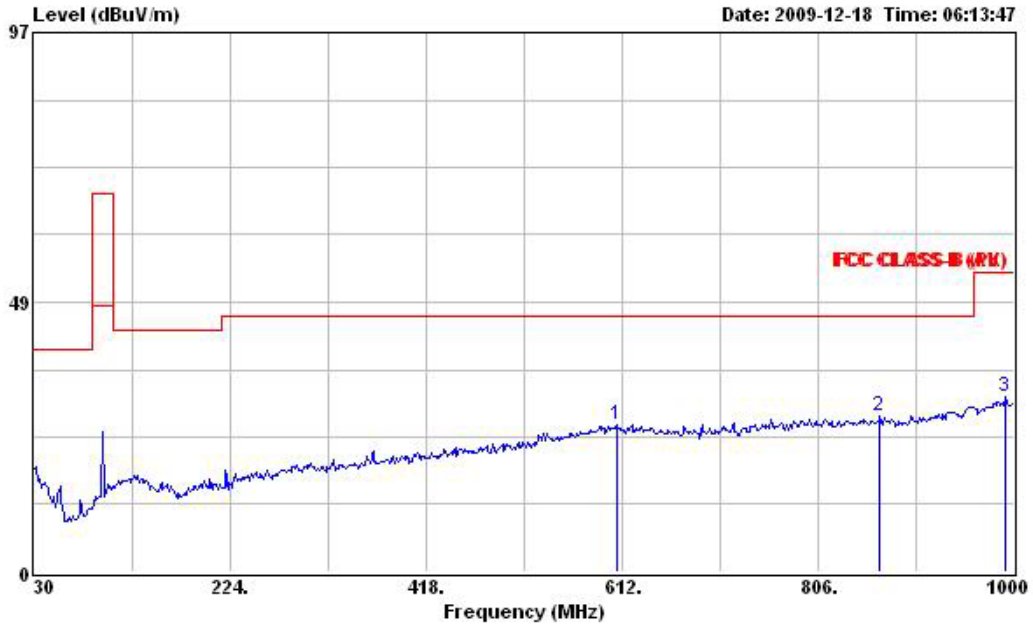
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 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 Model : SPRC1
 Memo : FCC ID:RS2SPRC1
 Memo : FM 98.3M
 Memo : FORD MONDEO
 Memo : Medium CAR
 Memo : 135度

	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	55.220	22.71	-17.29	40.00	40.69	1.74	8.47	28.19	Peak	---	---
2	606.180	27.42	-18.58	46.00	30.54	5.26	20.01	28.39	Peak	---	---
3	794.360	27.95	-18.05	46.00	30.36	5.51	20.10	28.02	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	98.3 MHz/ 180° / Mode 1		

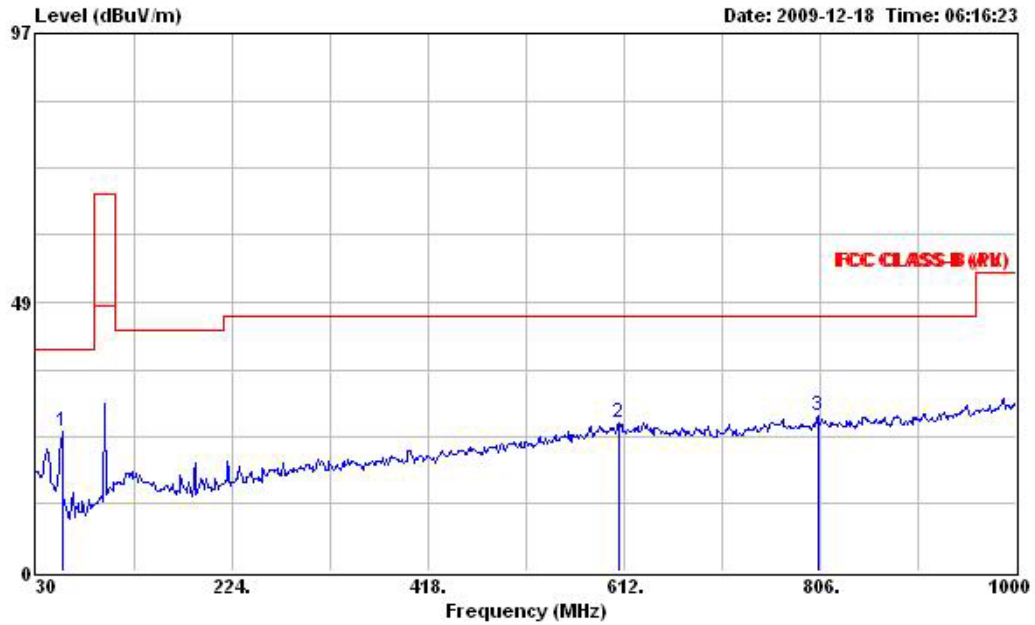
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 Model : SPRC1
 Memo : FCC ID:RS2SPRC1
 Memo : FM 98.3M
 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	606.180	26.60	-19.40	46.00	29.72	5.26	20.01	28.39	Peak	---	---
2	867.110	27.94	-18.06	46.00	29.74	5.95	19.98	27.73	Peak	---	---
3	991.270	31.46	-22.54	54.00	30.26	6.15	22.29	27.24	Peak	---	---

Vertical



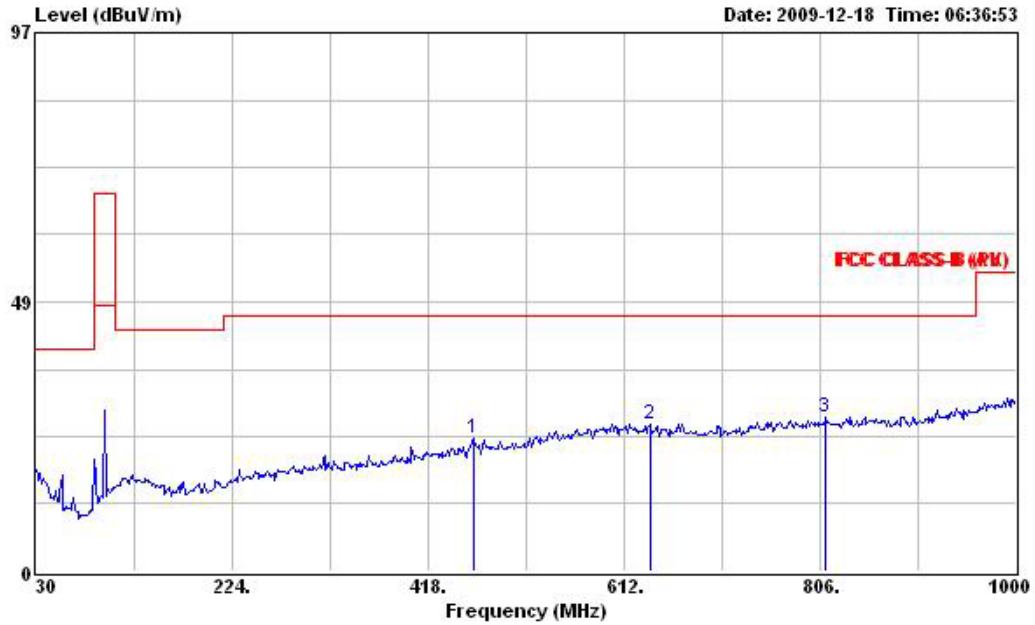
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 Model : SPRC1
 Memo : FCC ID:RS2SPRC1
 Memo : FM 98.3M
 Memo : FORD MONDEO
 Memo : Medium CAR
 Memo : 180度

	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	55.220	25.19	-14.81	40.00	43.17	1.74	8.47	28.19	Peak	---	---
2	606.180	26.85	-19.15	46.00	29.97	5.26	20.01	28.39	Peak	---	---
3	804.060	28.10	-17.90	46.00	30.41	5.51	20.16	27.98	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	98.3 MHz/ 225° / Mode 1		

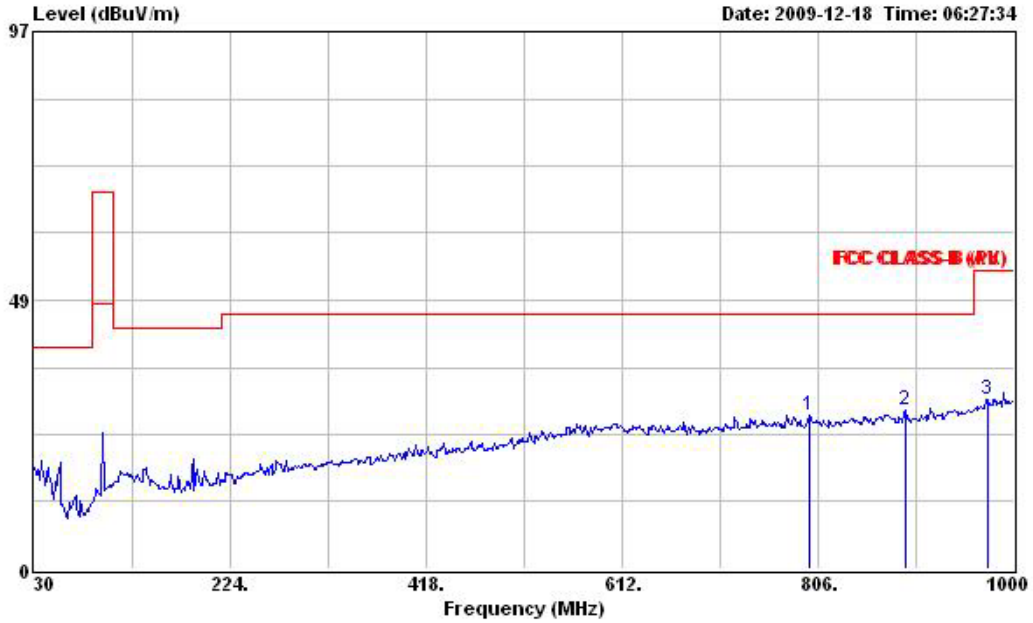
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 Model : SPRC1
 Memo : FCC ID:RS2SPRC1
 Memo : FM 98.3M
 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	462.620	24.00	-22.00	46.00	31.12	4.54	16.59	28.25	Peak	---	---
2	637.220	26.61	-19.39	46.00	30.07	5.24	19.66	28.36	Peak	---	---
3	811.820	27.62	-18.38	46.00	29.86	5.57	20.14	27.95	Peak	---	---

Vertical



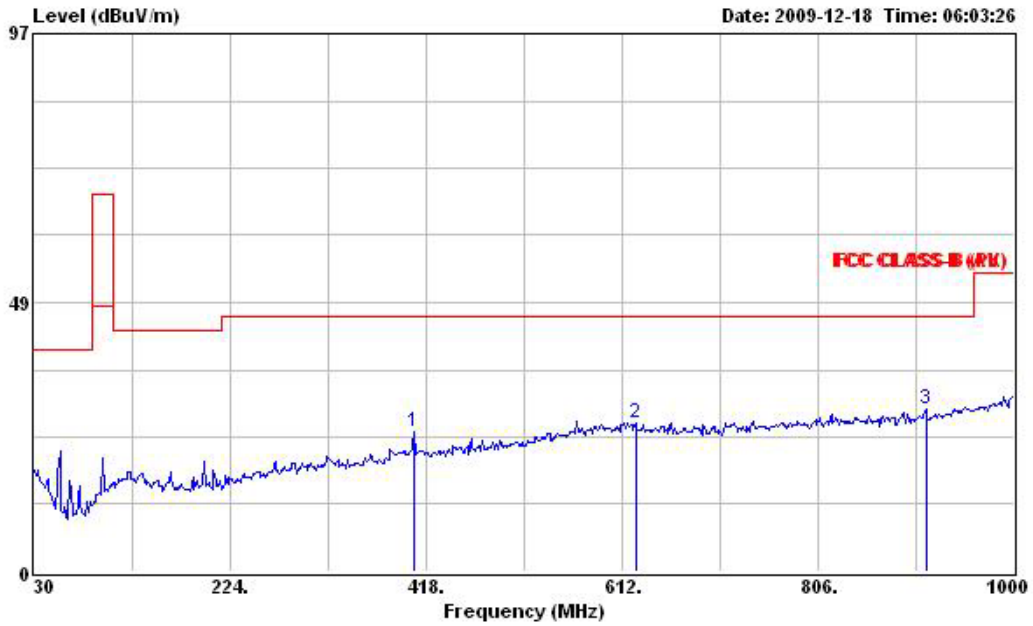
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 Model : SPRC1
 Memo : FCC ID:RS2SPRC1
 Memo : FM 98.3M
 Memo : FORD MONDEO
 Memo : Medium CAR
 Memo : 225度

	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	797.270	27.82	-18.18	46.00	30.21	5.49	20.13	28.01	Peak	---	---
2	893.300	28.69	-17.31	46.00	30.38	6.04	19.90	27.63	Peak	---	---
3	974.780	30.58	-23.42	54.00	29.93	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	98.3 MHz/ 270° / Mode 1		

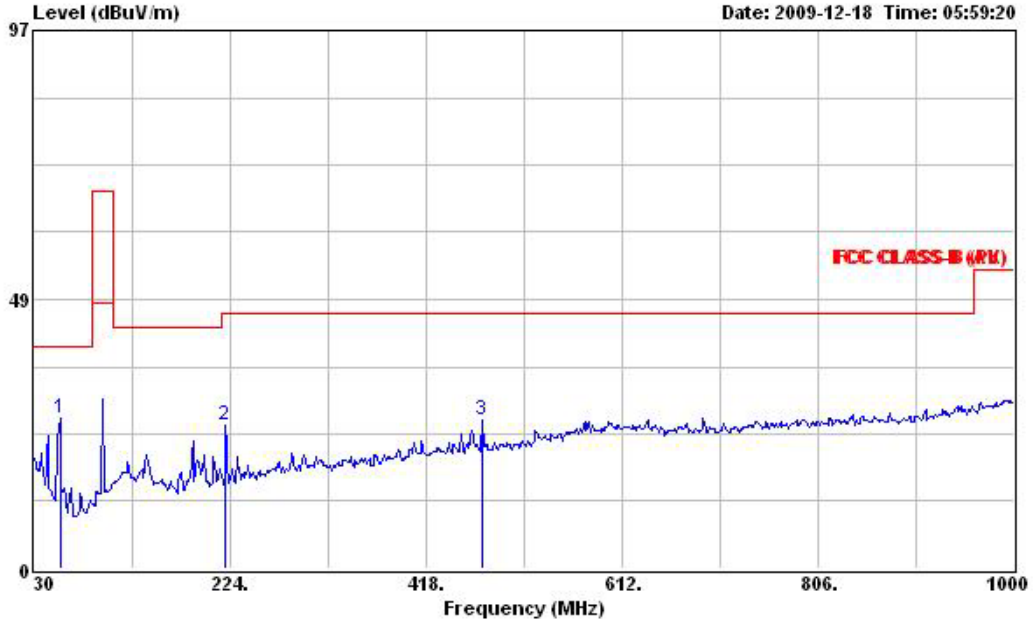
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 Model : SPRC1
 Memo : FCC ID:RS2SPRC1
 Memo : FM 98.3M
 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	405.390	25.19	-20.81	46.00	33.46	4.31	15.44	28.02	Peak	---	---
2	625.580	26.89	-19.11	46.00	30.23	5.24	19.79	28.37	Peak	---	---
3	912.700	29.41	-16.59	46.00	30.70	6.05	20.21	27.55	Peak	---	---

Vertical



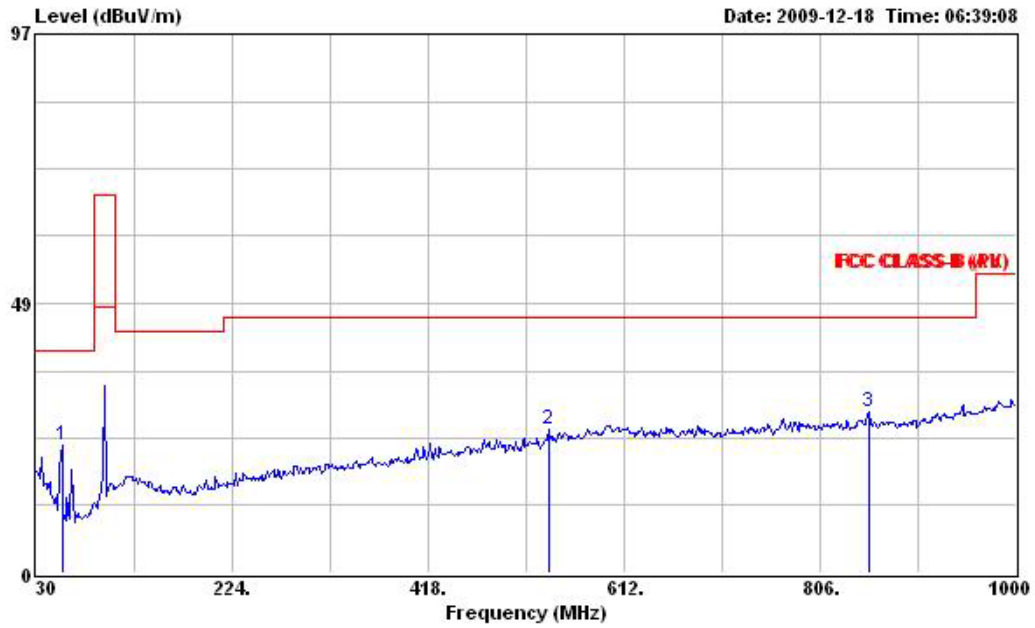
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 Model : SPRC1
 Memo : FCC ID:RS2SPRC1
 Memo : FM 98.3M
 Memo : FORD MONDEO
 Memo : Medium CAR
 Memo : 270度

	Freq	Level	Over	Limit	Read	Cable	Probe	Preamp	Remark	Ant	Table
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	55.220	27.01	-12.99	40.00	44.99	1.74	8.47	28.19	Peak	---	---
2	219.150	25.84	-20.16	46.00	38.73	3.27	11.38	27.54	Peak	---	---
3	474.260	26.69	-19.31	46.00	33.60	4.57	16.82	28.30	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	98.3 MHz/ 315° / Mode 1		

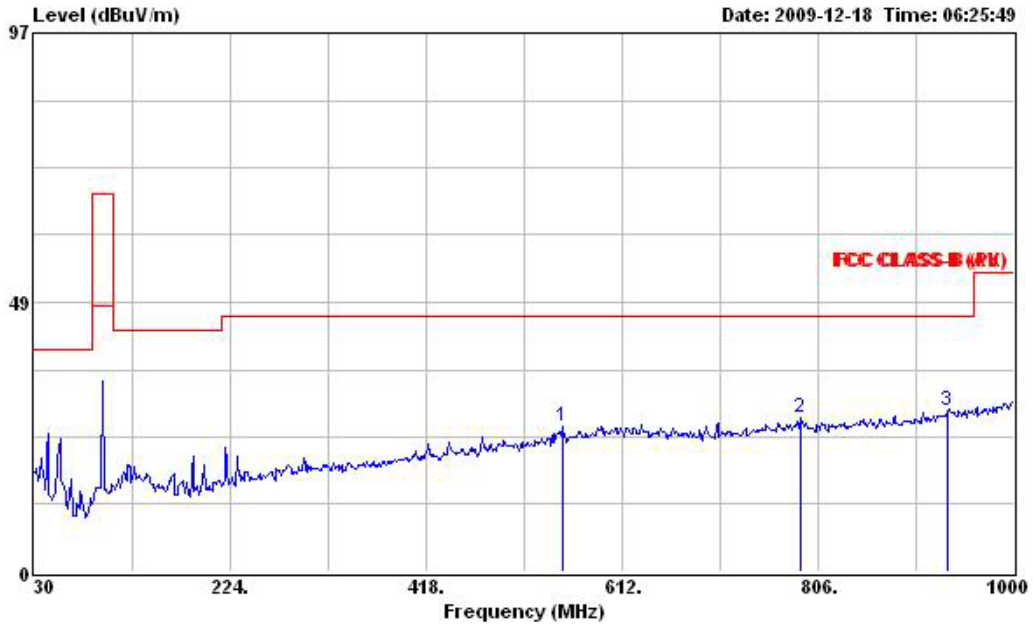
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 Model : SPRC1
 Memo : FCC ID:RS2SPRC1
 Memo : FM 98.3M
 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	55.220	22.98	-17.02	40.00	40.96	1.74	8.47	28.19	Peak	---	---
2	537.310	25.74	-20.26	46.00	30.86	4.92	18.36	28.40	Peak	---	---
3	854.500	28.98	-17.02	46.00	30.85	5.90	20.01	27.78	Peak	---	---

Vertical



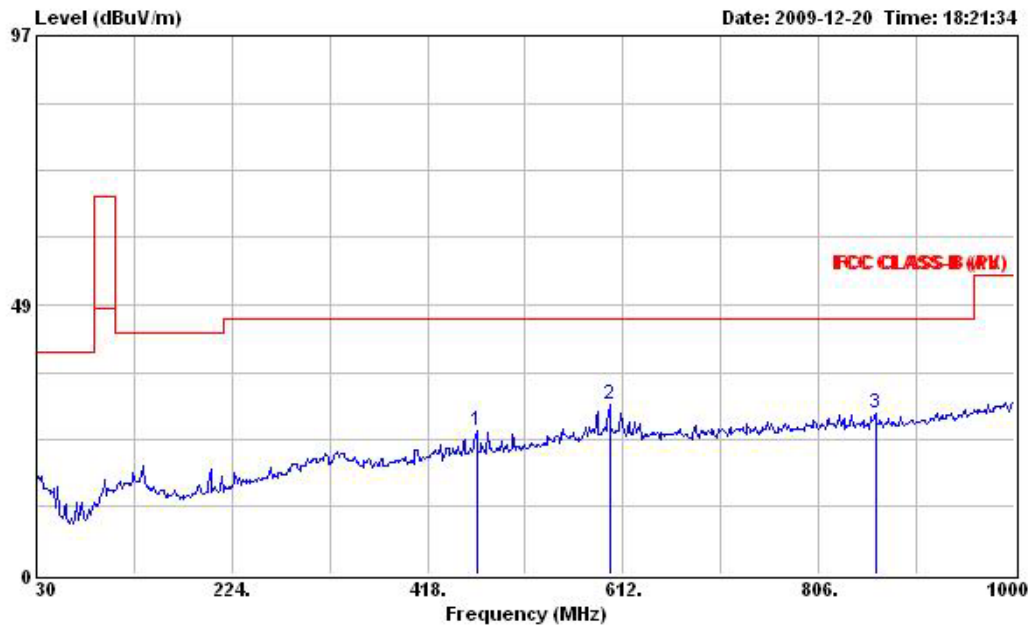
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 Model : SPRC1
 Memo : FCC ID:RS2SPRC1
 Memo : FM 98.3M
 Memo : FORD MONDEO
 Memo : Medium CAR
 Memo : 315度

	Freq	Level	Over	Limit	Read	Cable	Probe	Preamp	Remark	Ant	Table
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	552.830	26.12	-19.88	46.00	30.70	5.04	18.78	28.40	Peak	---	---
2	789.510	27.75	-18.25	46.00	30.21	5.53	20.04	28.03	Peak	---	---
3	935.010	29.10	-16.90	46.00	29.73	6.03	20.80	27.46	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	98.3 MHz/ 0° / Mode 2		

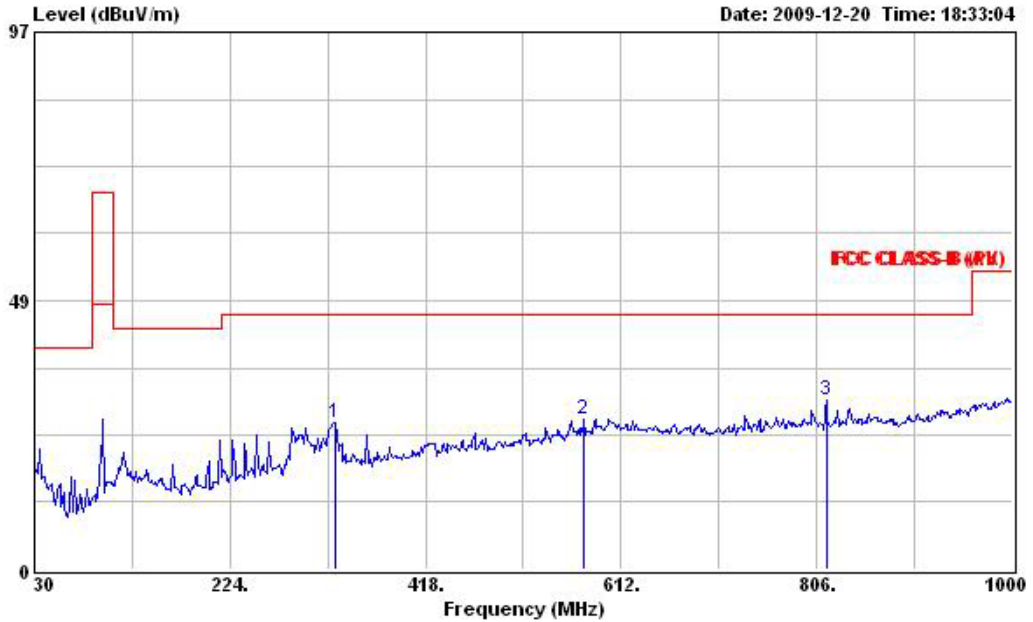
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 Model : SPRC1
 Memo : FCC ID: RS2SPRC1
 Memo : FM 98.3M
 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	466.500	25.87	-20.13	46.00	32.91	4.55	16.67	28.26	Peak	---	---
2	598.420	30.54	-15.46	46.00	33.66	5.25	20.03	28.40	Peak	---	---
3	862.260	28.91	-17.09	46.00	30.74	5.93	19.99	27.75	Peak	---	---

Vertical



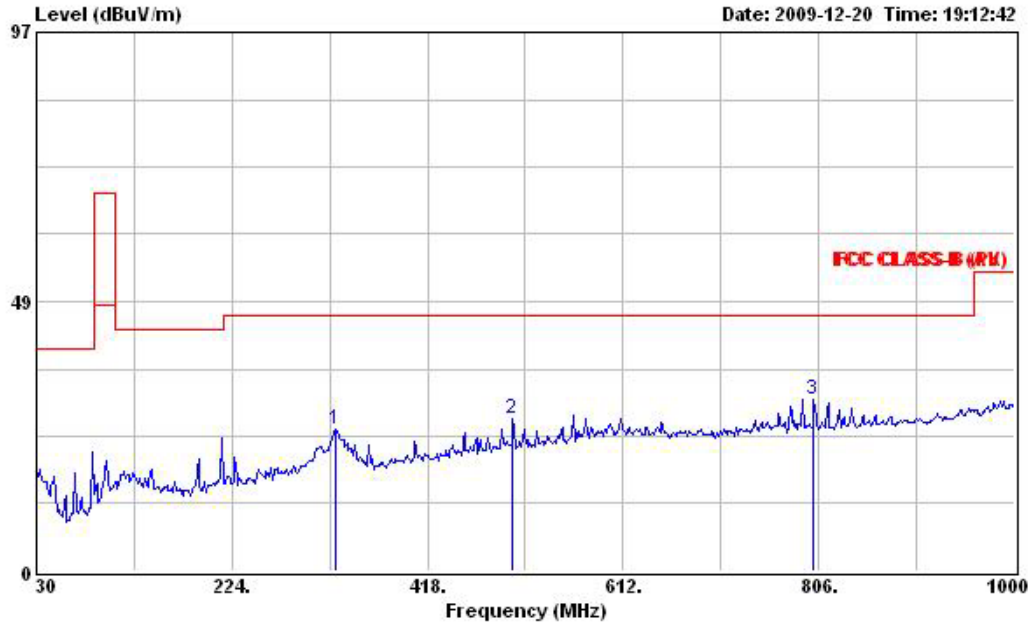
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 Model : SPRC1
 Memo : FCC ID: RS2SPRC1
 Memo : FM 98.3M
 Memo : Mitsubishi (LANCER GLXi)
 Memo : Small CAR
 Memo : 0度

	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	327.790	26.50	-19.50	46.00	35.82	3.94	14.23	27.49	Peak	---	---
2	575.140	27.24	-18.76	46.00	31.11	5.14	19.39	28.40	Peak	---	---
3	815.700	30.57	-15.43	46.00	32.79	5.60	20.12	27.94	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	98.3 MHz/ 45° / Mode 2		

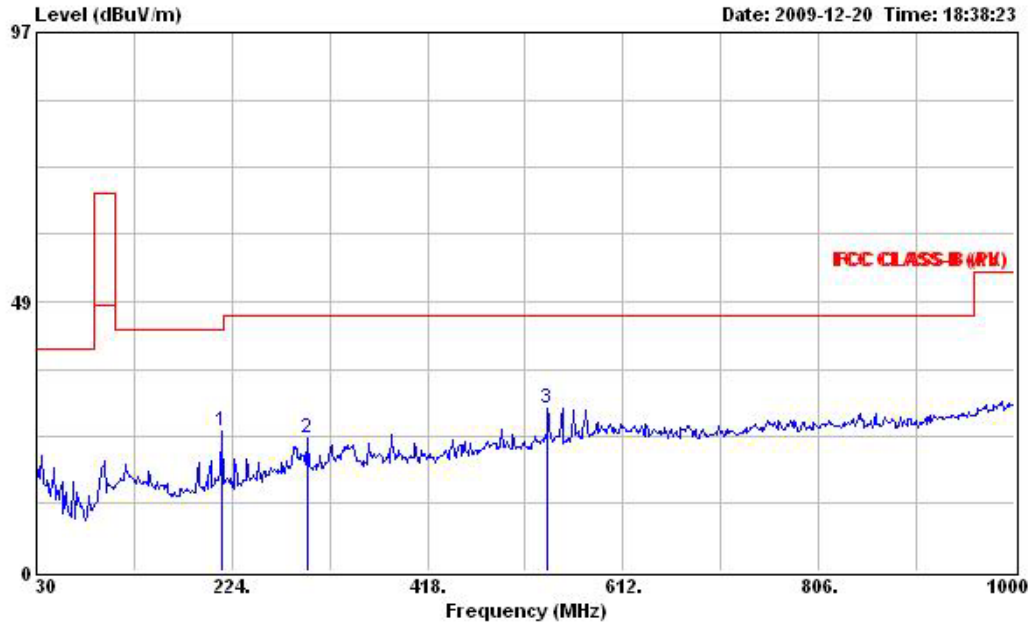
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 Model : SPRC1
 Memo : FCC ID: RS2SPRC1
 Memo : FM 98.3M
 Memo : Mitsubishi (LANCER GLXi)
 Memo : Small CAR
 Memo : 45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	326.820	25.61	-20.39	46.00	34.95	3.93	14.21	27.48	Peak	---	---
2	502.390	27.32	-18.68	46.00	33.67	4.65	17.40	28.40	Peak	---	---
3	801.150	30.77	-15.23	46.00	33.11	5.48	20.17	27.99	Peak	---	---

Vertical



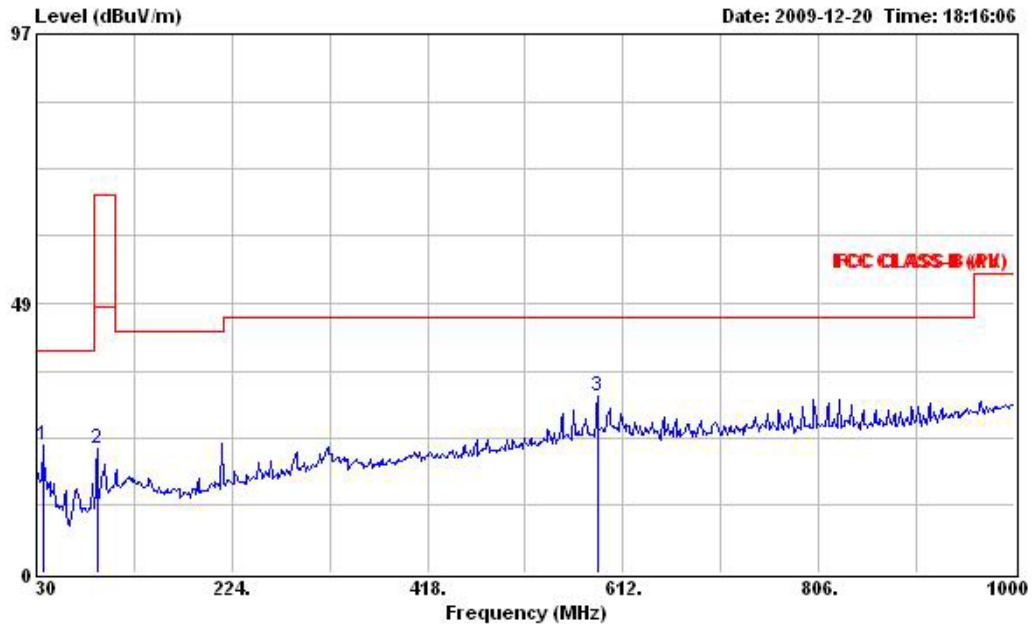
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 Model : SPRC1
 Memo : FCC ID: RS2SPRC1
 Memo : FM 98.3M
 Memo : Mitsubishi (LANCER GLXi)
 Memo : Small CAR
 Memo : 45度

	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	214.300	25.10	-18.40	43.50	38.25	3.25	11.16	27.56	Peak	---	---
2	299.660	23.82	-22.18	46.00	33.47	3.85	13.80	27.30	Peak	---	---
3	537.310	29.34	-16.66	46.00	34.46	4.92	18.36	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	98.3 MHz/ 90° / Mode 2		

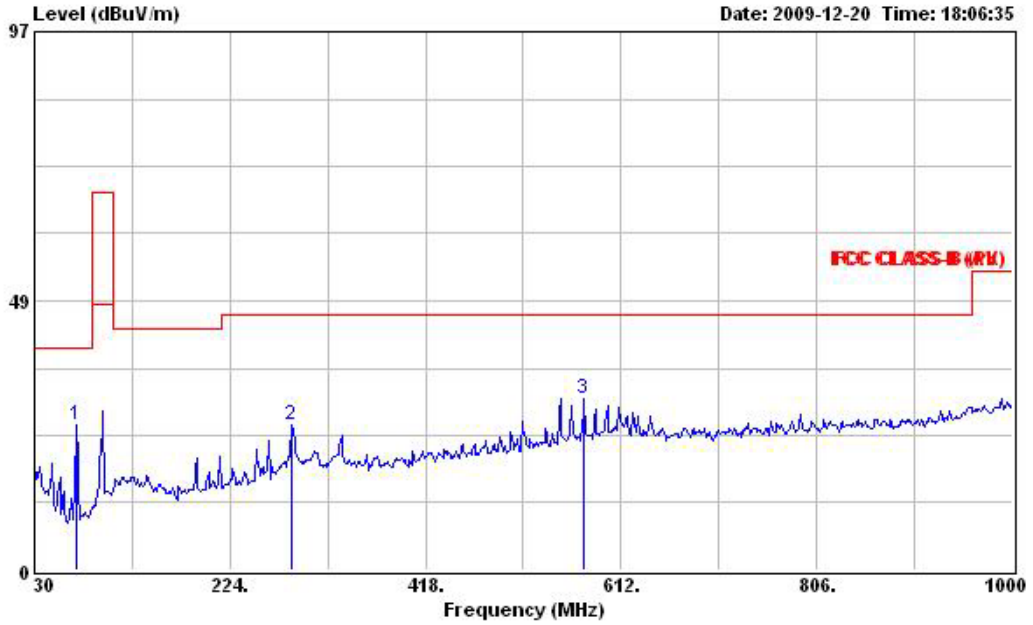
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 Model : SPRC1
 Memo : FCC ID: RS2SPRC1
 Memo : FM 98.3M
 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	36.790	23.00	-17.00	40.00	35.64	1.36	14.23	28.23	Peak	---	---
2	90.140	22.40	-45.60	68.00	38.63	2.14	9.75	28.12	Peak	---	---
3	586.780	31.88	-14.12	46.00	35.37	5.20	19.71	28.40	Peak	---	---

Vertical



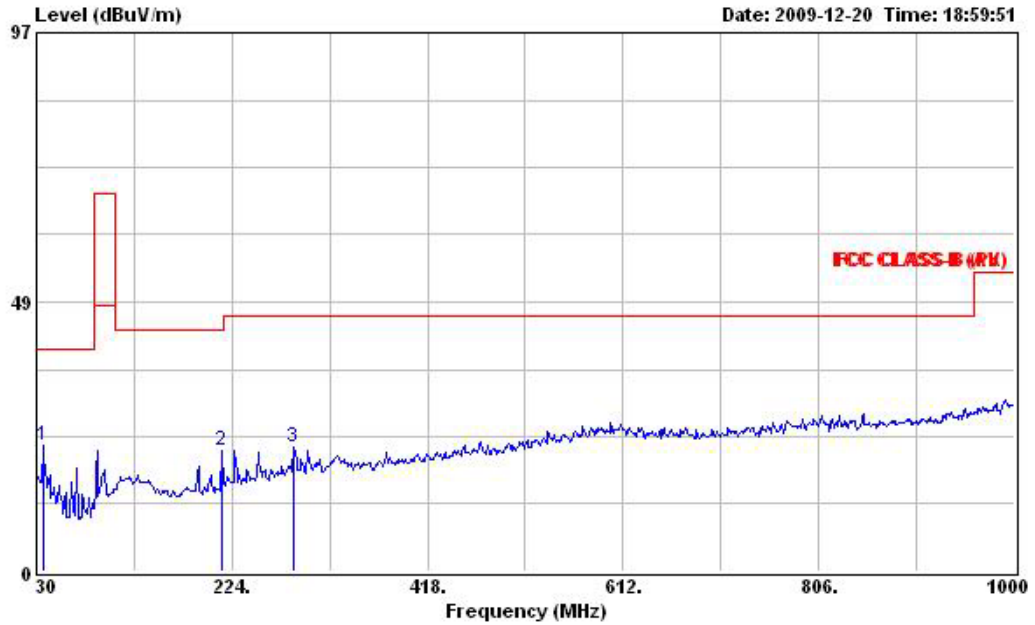
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 Model : SPRC1
 Memo : FCC ID: RS2SPRC1
 Memo : FM 98.3M
 Memo : Mitsubishi (LANCER GLXi)
 Memo : Small CAR
 Memo : 90度

	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	71.710	26.01	-13.99	40.00	45.11	1.96	7.10	28.16	Peak	---	---
2	285.110	26.17	-19.83	46.00	36.30	3.72	13.50	27.35	Peak	---	---
3	575.140	30.75	-15.25	46.00	34.62	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	98.3 MHz/ 135° / Mode 2		

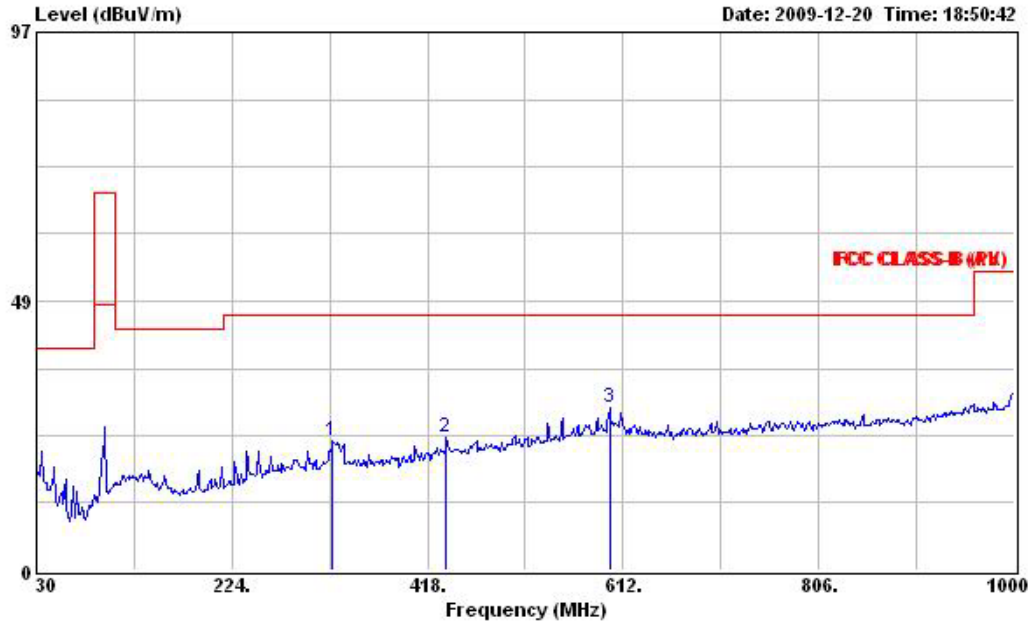
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 Model : SPRC1
 Memo : FCC ID: RS2SPRC1
 Memo : FM 98.3M
 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	36.790	22.63	-17.37	40.00	35.27	1.36	14.23	28.23	Peak	---	---
2	214.300	21.83	-21.67	43.50	34.98	3.25	11.16	27.56	Peak	---	---
3	285.110	22.40	-23.60	46.00	32.53	3.72	13.50	27.35	Peak	---	---

Vertical



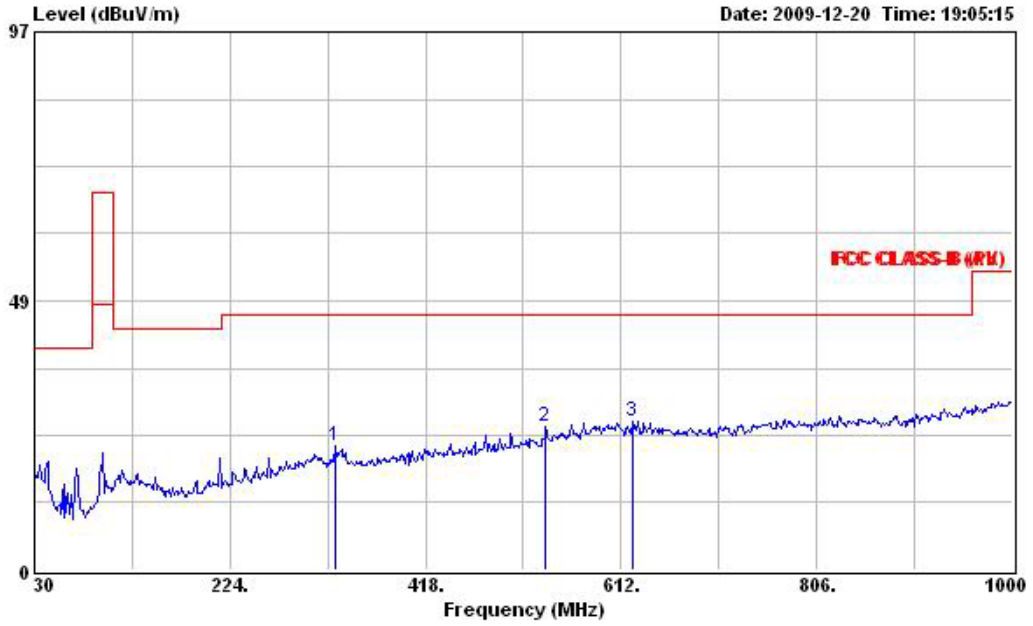
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 Model : SPRC1
 Memo : FCC ID: RS2SPRC1
 Memo : FM 98.3M
 Memo : Mitsubishi (LANCER GLXi)
 Memo : Small CAR
 Memo : 135度

	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	323.910	23.21	-22.79	46.00	32.57	3.93	14.17	27.46	Peak	---	---
2	436.430	23.86	-22.14	46.00	31.50	4.45	16.06	28.15	Peak	---	---
3	598.420	29.21	-16.79	46.00	32.33	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	98.3 MHz/ 225° / Mode 2		

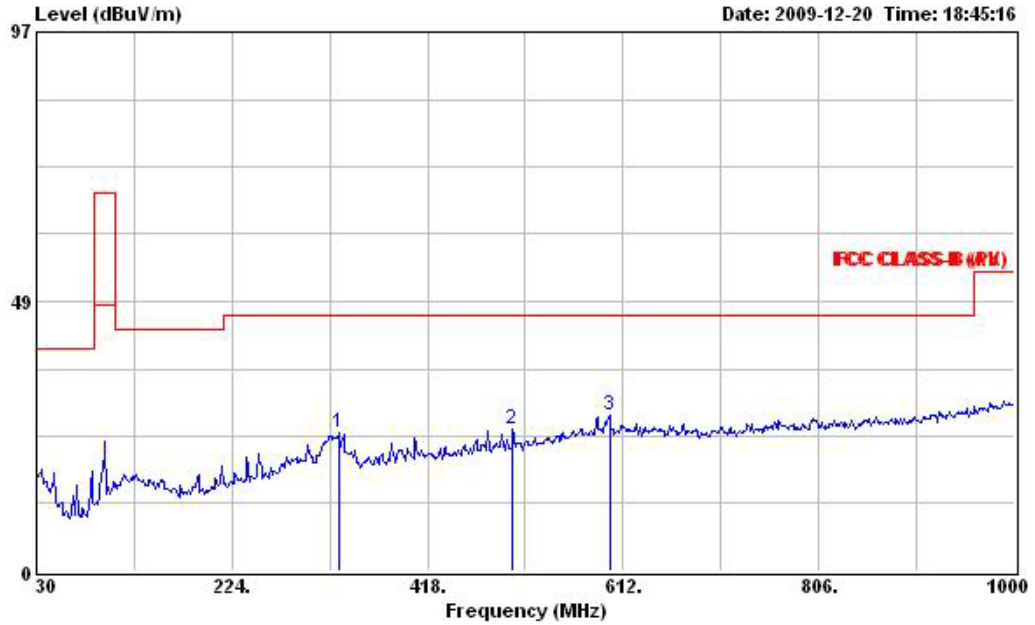
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 Model : SPRC1
 Memo : FCC ID: RS2SPRC1
 Memo : FM 98.3M
 Memo : Mitsubishi (LANCER GLXi)
 Memo : Small 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	327.790	22.23	-23.77	46.00	31.55	3.94	14.23	27.49	Peak	---	---
2	537.310	25.68	-20.32	46.00	30.80	4.92	18.36	28.40	Peak	---	---
3	622.670	26.78	-19.22	46.00	30.09	5.25	19.82	28.38	Peak	---	---

Vertical



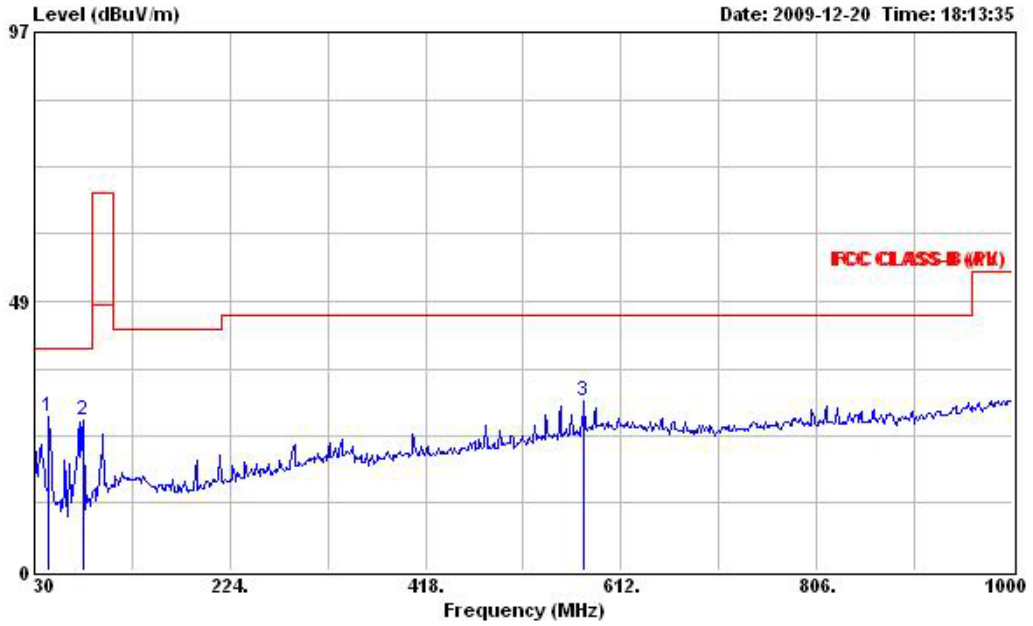
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 Model : SPRC1
 Memo : FCC ID: RS2SPRC1
 Memo : FM 98.3M
 Memo : Mitsubishi (LANCER GLXi)
 Memo : Small CAR
 Memo : 225度

	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	330.700	24.74	-21.26	46.00	34.03	3.95	14.27	27.51	Peak	---	---
2	502.390	25.64	-20.36	46.00	31.99	4.65	17.40	28.40	Peak	---	---
3	598.420	27.88	-18.12	46.00	31.00	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	98.3 MHz/ 270° / Mode 2		

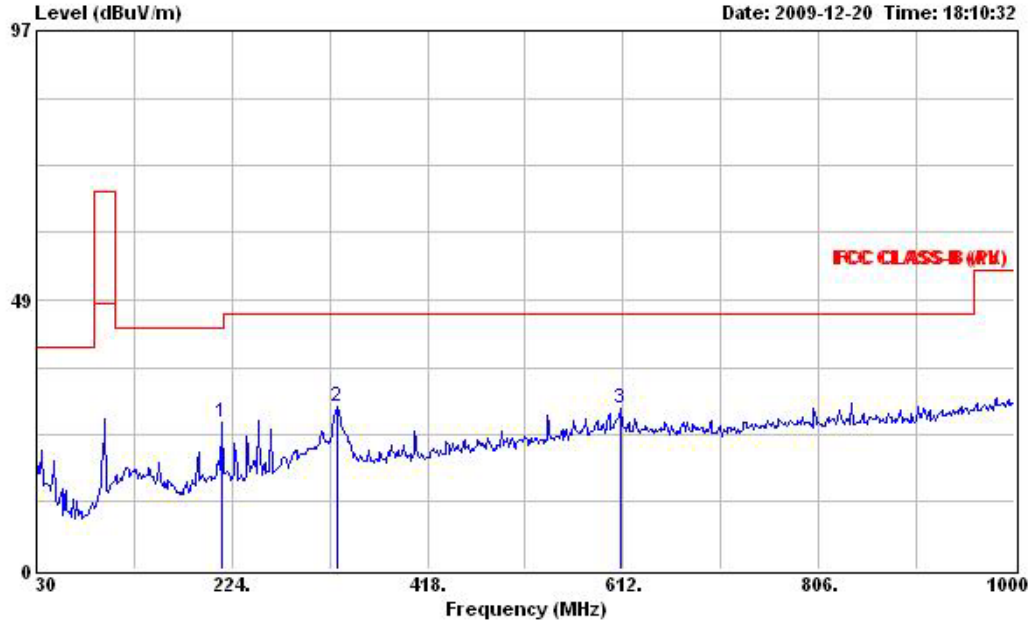
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 Model : SPRC1
 Memo : FCC ID: RS2SPRC1
 Memo : FM 98.3M
 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	44.550	27.63	-12.37	40.00	41.99	1.55	12.30	28.21	Peak	---	---
2	78.500	27.06	-12.94	40.00	45.60	2.03	7.57	28.14	Peak	---	---
3	575.140	30.50	-15.50	46.00	34.37	5.14	19.39	28.40	Peak	---	---

Vertical



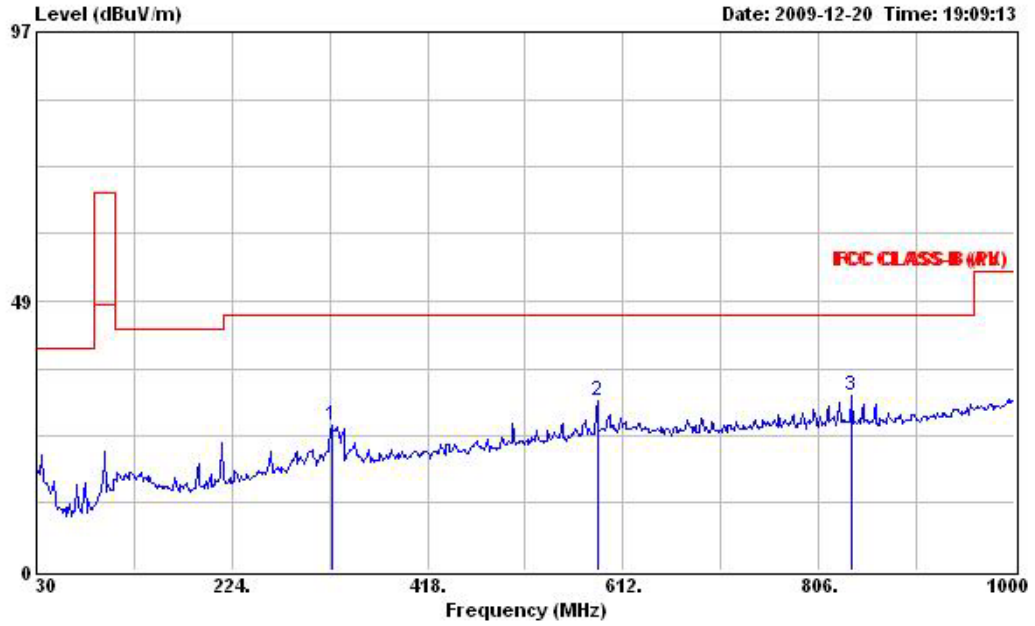
Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 Model : SPRC1
 Memo : FCC ID: RS2SPRC1
 Memo : FM 98.3M
 Memo : Mitsubishi (LANCER GLXi)
 Memo : Small CAR
 Memo : 270度

	Freq	Level	Over	Limit	Read	Cable	Probe	Preamp	Remark	Ant	Table
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	214.300	26.39	-17.11	43.50	39.54	3.25	11.16	27.56	Peak	---	---
2	327.790	29.35	-16.65	46.00	38.67	3.94	14.23	27.49	Peak	---	---
3	610.060	28.96	-17.04	46.00	32.13	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	98.3 MHz/ 315° / Mode 2		

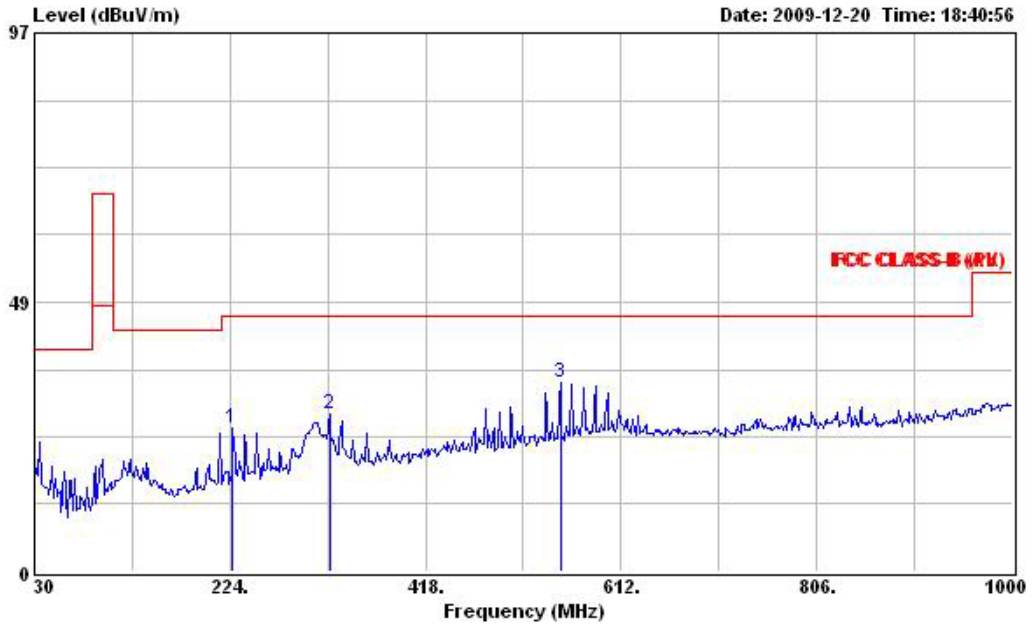
Horizontal



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 HORIZONTAL
 Model : SPRC1
 Memo : FCC ID: RS2SPRC1
 Memo : FM 98.3M
 Memo : Mitsubishi (LANCER GLXi)
 Memo : Small 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	322.940	26.13	-19.87	46.00	35.51	3.92	14.15	27.45	Peak	---	---
2	586.780	30.51	-15.49	46.00	34.00	5.20	19.71	28.40	Peak	---	---
3	838.980	31.34	-14.66	46.00	33.33	5.79	20.06	27.84	Peak	---	---

Vertical



Site : 10CH01-HY
 Condition : FCC CLASS-B (PK) 3m AT-2681 VERTICAL
 Model : SPRC1
 Memo : FCC ID: RS2SPRC1
 Memo : FM 98.3M
 Memo : Mitsubishi (LANCER GLXi)
 Memo : Small 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	226.910	25.84	-20.16	46.00	38.33	3.30	11.73	27.52	Peak	---	---
2	322.940	28.27	-17.73	46.00	37.65	3.92	14.15	27.45	Peak	---	---
3	551.860	33.86	-12.14	46.00	38.47	5.04	18.75	28.40	Peak	---	---

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