## FCC RADIO TEST REPORT

| Applicant's company | Wistron NeWeb Corporation |
| :--- | :--- |
| Applicant Address | No. 10-1, Li-hsin Road I, Science-baded Industrial Park, Hsinchu 300, <br> Taiwan, R.O.C. |
| Manufacturer's company 1 | Wistron NeWeb Corporation |
| Manufacturer Address | No. 10-1, Li-hsin Road I, Science-baded Industrial Park, Hsinchu 300, <br> Taiwan, R.O.C. |


| Product Name | Satellite Radio Receiver + Cigarette Light Adapter |
| :--- | :--- |
| Brand Name | Sirius, DVE |
| Model Name | ST5, SV5, DVE CLA |
| Receive Date | Oct. 03, 2008 |
| Final Test Date | Oct. 03,2008 |

## 1. SUMMARY OF THE TEST RESULT

| Part | Description of Test | Under Limit |
| :---: | :--- | :---: |
| 3.1 | Field Strength of Fundamental Emissions | 5.56 dB |

Note: Due to the freuqency shift for PK data equipment, the PK frequency should follow the AV data equipment in pat 3.1.

## 2. GENERAL INFORMATION

### 2.1. Table for Carrier Frequencies

| Frequency Band | Channel No. | Frequency |
| :---: | :---: | :---: |
| $88 \sim 108 \mathrm{MHz}$ | 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: CEFIRO + ST5
Mode 2: CEFIRO + SV5
Mode 3: Peugeot 307+ ST5
Mode 4: Peugeot 307 + SV5
Mode 5: X-TRAIL+ ST5
Mode 6: X-TRAIL+ SV5

### 2.3. Table for Testing Locations

| Test Site No. | Site Category | Location |
| :---: | :---: | :---: |
| $10 \mathrm{CHO1-HY}$ | SAC | Hwa Ya |

Semi Anechoic Chamber (SAC)

## 3. TEST RESULT

### 3.1. Test Result of Field Strength of Fundamental Emissions

| Temperature | $23^{\circ} \mathrm{C}$ | Humidity | $60 \%$ |
| :--- | :--- | :--- | :--- |
| Configurations | $88.1 \mathrm{MHz} /$ Mode 1 |  |  |

Horizontal


| Site | : 10CH01-HY |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Condition | : FCC CLASS-B 3m AT-2722 HORIZONTAL |  |  |  |  |  |  |  |  |  |  |
| EUT | : ST5 |  |  |  |  |  |  |  |  |  |  |
| Power | : DVE CLA |  |  |  |  |  |  |  |  |  |  |
| model | : FM 88.1M |  |  |  |  |  |  |  |  |  |  |
| Memo | : CEFIRO |  |  |  |  |  |  |  |  |  |  |
|  | Freq | Level | Orex <br> Limit | Limit Line | Read Level | Cable Loss | Probe <br> Factor | Preamp <br> Factor | Remark | fint <br> Pos | Table <br> Pos |
|  | NHz | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dB | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dBuv | dB | dB | dB |  | cm | deg |
| 1 | 88.100 | 34.00 | -9.50 | 43.50 | 51.44 | 1. 58 | 9.13 | 28.15 | Peak | --- | --- |
| 2 | 312.270 | 34.83 | -11.17 | 46.00 | 45.57 | 2.90 | 13.83 | 27.47 | Peak | --- | --- |
| 3 | 568.350 | 35.34 | -10.66 | 46.00 | 41.05 | 3.79 | 19.10 | 28.60 | Peak | --- | --- |

## Vertical



| Site | : 10CH | 1-HY |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Condition | : FCC CLASS-B 3m AT-2722 VERTICAL |  |  |  |  |  |  |  |  |  |  |
| EUT | : ST5 |  |  |  |  |  |  |  |  |  |  |
| Power | : DVE CLA |  |  |  |  |  |  |  |  |  |  |
| model | : FM 88.1M |  |  |  |  |  |  |  |  |  |  |
| Memo | : CEFIR |  |  |  |  |  |  |  |  |  |  |
|  | Freq | Level | $\begin{aligned} & \text { Over } \\ & \text { Limit } \end{aligned}$ | $\begin{array}{r} \text { Limit } \\ \text { Line } \end{array}$ | $\begin{aligned} & \text { Read } \\ & \text { Level } \end{aligned}$ | $\begin{array}{r} \text { Cable } \\ \text { Loss } \end{array}$ | Probe Factor | Preanp <br> Factor | Remark | Ant Pos | $\begin{array}{r} \text { Table } \\ \text { Pos } \end{array}$ |
|  | MHz | $\overline{\mathrm{dBu} / \mathrm{m}}$ | dB | $\overline{\mathrm{dBu} / \mathrm{m}}$ | dBuV | dB | dB | dB |  | cm | deg |
| 1 | 88.100 | 36.38 | -7.12 | 43.50 | 53.82 | 1.58 | 9.13 | 28.15 | Peak | --- | --- |
| 21 | 312.270 | 40.28 | -5. 72 | 46.00 | 51.02 | 2.90 | 13.83 | 27.47 | Peak | - | -- |


| Temperature | $23^{\circ} \mathrm{C}$ | Humidity | $60 \%$ |
| :--- | :--- | :--- | :--- |
| Configurations | $98.1 \mathrm{MHz} /$ Mode 1 |  |  |

Horizontal


Site : 10CHO1-HY
Condition : FCC CLASS-B 3m AT-2722 HORIZONTAL
EUT : ST5
Power : DVE CLA
model : FM 98.1M
Memo : CEFIRO

| Freq | Level | Over <br> Limit | Limit Line | Read Level | Cable <br> Loss | Probe <br> Factor | Preanp <br> Factor | Remark | fint <br> Pos | Table Pos |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MHz | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dB | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dBuv | dB | dB | dB |  | cm | deg |
| 98.100 | 33.58 | -9.92 | 43.50 | 49.06 | 1. 61 | 11. 02 | 28.11 | Peak | --- |  |
| 312.270 | 34.58 | -11.42 | 46.00 | 45.32 | 2.90 | 13.83 | 27.47 | Peak | --- |  |
| 568.350 | 33.77 | -12.23 | 46.00 | 39.48 | 3.79 | 19.10 | 28.60 | Peak | - |  |

Vertical


Site : 10CH01-HY
Condition : FCC CLASS-B 3m AT-2722 VERTICAL
EUT : ST5
Power : DVE CLA
model : FM 98.1M
Memo : CEFIRO

|  | Freq | Level | Orer Limit | Limit Line | Read Level | Cable Loss | Probe Factor | Preamp <br> Factor | Remaxk | Ant <br> Pos | $\begin{gathered} \text { Table } \\ \text { Pos } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\mathbf{M H z}$ | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dB | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dBuv | dB | dB | dB |  | CIm | deg |
|  | 98.100 | 36.51 | -6.99 | 43.50 | 51.99 | 1. 61 | 11. 02 | 28.11 | Peak | --- | -- |
| ! | 312.270 | 40.32 | -5.68 | 46.00 | 51.06 | 2.90 | 13.83 | 27.47 | Peak | --- |  |
|  | 568.350 | 33.11 | -12.89 | 46.00 | 38.82 | 3.79 | 19.10 | 28.60 | Peak | --- |  |


| Temperature | $23^{\circ} \mathrm{C}$ | Humidity | $60 \%$ |
| :--- | :--- | :--- | :--- |
| Configurations | $107.9 \mathrm{MHz} /$ Mode 1 |  |  |

Horizontal


| Site | : 10CH01-HY |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Condition | : FCC CLASS-B 3m AT-2722 HORLZONTAL |  |  |  |  |  |  |  |  |  |  |
| EUT | : ST5 |  |  |  |  |  |  |  |  |  |  |
| Power | : DVE CLA |  |  |  |  |  |  |  |  |  |  |
| model | : FM 1079 M |  |  |  |  |  |  |  |  |  |  |
| Memo | : CEFIRO |  |  |  |  |  |  |  |  |  |  |
|  | Freq | Level | Over <br> Limit | Limit <br> Line | Read Level | Cable <br> Loss | Probe Factor | Preanp <br> Factor | Remark | Ant <br> Pos | Table <br> Pos |
|  | MHz | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dB | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dBuv | dB | dB | dB |  | cm | deg |
| 1 | 107.900 | 20.89 | -22.61 | 43.50 | 35.09 | 1. 67 | 12. 19 | 28.06 | Peak | --- | --- |
| 2 | 312.270 | 34.71 | -11.29 | 46.00 | 45.45 | 2. 90 | 13.83 | 27.47 | Peak | --- | --- |
| 3 | 568.350 | 34.53 | -11.47 | 46.00 | 40.24 | 3.79 | 19.10 | 28.60 | Peak | --- | --- |

## Vertical



Site : 10CH01-HY
Condition : FCC CLASS-B 3m AT-2722 VERTICAL
EUT : ST5
Power : DVE CLA
model : FM 107.9M
Memo : CEFIRO

|  | Freq | Level | Orer <br> Limit | Limit Line | Read <br> Level | Cable Loss | Probe Factor | Preamp <br> Factor | Remark | Ant <br> Pos | Table Pos |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | MHz | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dB | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dBuV | dB | dB | dB |  | cim | deg |
| 1 | 107.900 | 21. 60 | $-21.90$ | 43.50 | 35.80 | 1. 67 | 12.19 | 28.06 | Peak | --- | --- |
| 2 ! | 312.270 | 40.44 | -5.56 | 46.00 | 51.18 | 2.90 | 13.83 | 27.47 | Peak | --- |  |


| Temperature | $23^{\circ} \mathrm{C}$ | Humidity | $60 \%$ |
| :--- | :--- | :--- | :--- |
| Configurations | $88.1 \mathrm{MHz} /$ Mode 2 |  |  |

Horizontal


| Site | : 10CH0 | 01-HY |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Condition | : FCC C | CLASS-B | 3m AT-2 | 722 HO | IZONTA |  |  |  |  |  |  |
| EUT | : SV5 |  |  |  |  |  |  |  |  |  |  |
| Power | : DVE C | CLA |  |  |  |  |  |  |  |  |  |
| model | : FM 88 | .1M |  |  |  |  |  |  |  |  |  |
| Memo | : CEFIR |  |  |  |  |  |  |  |  |  |  |
|  | Freq | Level | $\begin{array}{r} \text { Over } \\ \text { Limit } \end{array}$ | $\begin{array}{r} \text { Limit } \\ \text { Line } \end{array}$ | $\begin{aligned} & \text { Read } \\ & \text { Level } \end{aligned}$ | Cable Loss | $\begin{aligned} & \text { Probe } \\ & \text { Factor } \end{aligned}$ | preamp <br> Factor | Remark | Ant Pos | Table Pos |
|  | 3Hz | $\overline{\mathrm{dBu} / \mathrm{ma}}$ | dB | $\overline{\mathrm{dBu} / \mathrm{m}}$ | dBu V | dB | dB | dB |  | cm | deg |
| 1 | 88.100 | 33.23 | -10. 27 | 43.50 | 50.67 | 1.58 | 9.13 | 28.15 | Peak | --- |  |
| 2 | 312.270 | 34.03 | -11.97 | 46.00 | 44.77 | 2.90 | 13.83 | 27.47 | Peak | --- |  |
| 3 | 626.550 | 27.35 | -18.65 | 46.00 | 32.18 | 4.03 | 19.69 | 28.55 | Peak | --- |  |

Vertical


Site : 10CH01-HY
Condition : FCC CLASS-B 3m AT-2722 VERTICAL
EUT : SV5
Power : DVE CLA
model : FM 88.1M
Memo : CEFIRO

|  | Freq | Level | Orer <br> Limit | Limit Line | Read <br> Level | Cable Loss | Probe Factor | Preamp <br> Factor | Remaxk | Ant <br> Pos | $\begin{array}{r} \text { Table } \\ \text { Pos } \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | MHz | $\mathbf{d B u V} / \mathrm{m}$ | dB | $\mathbf{d B u F} / \mathrm{m}$ | dBuV | dB | dB | dB |  | Cm | deg |
| 1 | 88.100 | 35.25 | -8.25 | 43.50 | 52.69 | 1. 58 | 9.13 | 28.15 | Peak | --- | -- |
| 2 ! | 312.270 | 40.05 | -5.95 | 46.00 | 50.79 | 2.90 | 13.83 | 27.47 | Peak | --- | -- |
| 3 | 626.550 | 31. 19 | -14.81 | 46.00 | 36.02 | 4.03 | 19.69 | 28.55 | Peak | --- | -- |


| Temperature | $23^{\circ} \mathrm{C}$ | Humidity | $60 \%$ |
| :--- | :--- | :--- | :--- |
| Configurations | $98.1 \mathrm{MHz} /$ Mode 2 |  |  |

Horizontal


| Site <br> Condition <br> EUT <br> Power <br> model <br> Memo | : 10CH01-HY |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | : FCC CLASS-B 3m AT-2722 HORIZONTAL |  |  |  |  |  |  |  |  |  |  |
|  | : SV5 |  |  |  |  |  |  |  |  |  |  |
|  | : DVE CLA |  |  |  |  |  |  |  |  |  |  |
|  | : FM 98.1M |  |  |  |  |  |  |  |  |  |  |
|  | : CEFIRO |  |  |  |  |  |  |  |  |  |  |
|  | Freq | Level | Over <br> Limit | Limit <br> Line | Read Level | Cable Loss | Probe Factor | Preanp <br> Factor | Remark | fint <br> Pos | Table Pos |
|  | MHz | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dB | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dBuV | dB | dB | dB |  | cm | deg |
| 1 | 97.900 | 31.28 | -12. 22 | 43.50 | 46.76 | 1. 61 | 11.02 | 28.11 | Peak | --- | --- |
| 2 | 312.270 | 34.07 | -11.93 | 46.00 | 44.81 | 2.90 | 13.83 | 27.47 | Peak | --- | -- |

Vertical


Site : 10CH01-HY
Condition : FCC CLASS-B 3m AT-2722 VERTICAL
EUT
Power : DVE CLA
model : FM 98.1M
Memo : CEFIRO

|  | Freq | Level | Over <br> Limit | Limit Line | Read Level | Cable Loss | Probe Factor | Preanle <br> Factor | Remark | Ant <br> Pos | Table <br> Pos |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | MHz | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dB | $\overline{\mathrm{dBu} / / \mathrm{m}}$ | dBuv | dB | dB | dB |  | cim | deg |
|  | 98.100 | 33.34 | -10.16 | 43.50 | 48.82 | 1. 61 | 11. 02 | 28.11 | Peak | --- |  |
| ! | 312.270 | 40.14 | -5.86 | 46.00 | 50.88 | 2.90 | 13.83 | 27.47 | Peak | -- |  |
|  | 626.550 | 31.37 | -14.63 | 46.00 | 36.20 | 4.03 | 19.69 | 28.55 | Peak | -- |  |


| Temperature | $23^{\circ} \mathrm{C}$ | Humidity | $60 \%$ |
| :--- | :--- | :--- | :--- |
| Configurations | $107.9 \mathrm{MHz} /$ Mode 2 |  |  |

Horizontal


| Site | : 10CH | 1-HY |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Condition | : FCC CLASS-B 3m AT-2722 HORIZONTAL |  |  |  |  |  |  |  |  |  |  |
| EUT | : SV5 |  |  |  |  |  |  |  |  |  |  |
| Power | : DVE CLA |  |  |  |  |  |  |  |  |  |  |
| model | : FM 1079M |  |  |  |  |  |  |  |  |  |  |
| Memo : CEFIRO |  |  |  |  |  |  |  |  |  |  |  |
|  | Freq | Level | $\begin{aligned} & \text { Over } \\ & \text { Limit } \end{aligned}$ | $\begin{array}{r} \text { Limit } \\ \text { Line } \end{array}$ | Read Level | Cable Loss | Probe Factor | Preanp <br> Factor | Remark | Ant Pos | $\begin{array}{r} \text { Table } \\ \text { Pos } \end{array}$ |
|  | $\mathrm{MOHz}^{\text {a }}$ | $\overline{\mathrm{dBu} / \mathrm{m}}$ | dB | $\overline{\mathrm{dBu} / \mathrm{m}}$ | dBuv | dB | dB | dB |  | cm | deg |
| 1 | 107.900 | 20.99 | -22.51 | 43.50 | 35.19 | 1.67 | 12.19 | 28.06 | Peak | --- | --- |
| 23 | 312.270 | 34.14 | -11.86 | 46.00 | 44.88 | 2.90 | 13.83 | 27.47 | Peak | --- | --- |

Vertical


| Site | : 10CH | 01-HY |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Condition | : FCC CLASS-B 3m AT-2722 VERTICAL |  |  |  |  |  |  |  |  |  |  |
| EUT | SV5 |  |  |  |  |  |  |  |  |  |  |
| Power | : DVE CLA |  |  |  |  |  |  |  |  |  |  |
| model | : FM 107 9M |  |  |  |  |  |  |  |  |  |  |
| Memo | : CEFIR |  |  |  |  |  |  |  |  |  |  |
|  | Freq | Level | Over Limit | Limit Line | $\begin{aligned} & \text { Read } \\ & \text { Level } \end{aligned}$ | Cable Loss | Probe Factor | Preamp <br> Factor | Remark | Ant Pos | Table Pos: |
|  | MHz | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dB | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dBuv | dB | dB | dB |  | cm | deg |
| 11 | 107.900 | 21.22 | -22.28 | 43.50 | 35.42 | 1.67 | 12.19 | 28.06 | Peak |  |  |
| $2!3$ | 312.270 | 40.35 | -5.65 | 46.00 | 51.09 | 2.90 | 13.83 | 27.47 | Peak | --- | --- |
| 6 | 626.550 | 31.64 | -14.36 | 46.00 | 36.47 | 4.03 | 19.69 | 28.55 | Peak | --- |  |


| Temperature | $23^{\circ} \mathrm{C}$ | Humidity | $60 \%$ |
| :--- | :--- | :--- | :--- |
| Configurations | $88.1 \mathrm{MHz} /$ Mode 3 |  |  |

Horizontal


| Site | : 10CH | 01-HY |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Condition | : FCC CLASS-B 3m AT-2722 HORIZONTAL |  |  |  |  |  |  |  |  |  |  |
| EUT | : ST5 |  |  |  |  |  |  |  |  |  |  |
| Power | : DVE | LA |  |  |  |  |  |  |  |  |  |
| model | : FM 88 | .1M |  |  |  |  |  |  |  |  |  |
| Memo | : Peuge | ot 307 |  |  |  |  |  |  |  |  |  |
|  | Freq | Level | Over <br> Limit | Limit Line | $\begin{array}{r} \text { Read } \\ \text { Level } \end{array}$ | Cable <br> Loss | Probe Factor | Preamp <br> Factor | Remark | Ant Pos | $\begin{array}{r} \text { Table } \\ \text { Pos } \end{array}$ |
|  | $\mathrm{MOHz}^{\text {\% }}$ | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dB | $\overline{\mathrm{dBu} / \mathrm{m}}$ | dBuv | dB | dB | dB |  | cm | deg |
| 1 | 51.340 | 25.38 | -14.62 | 40.00 | 43.04 | 1.23 | 9.40 | 28.29 | Peak | --- | --- |
| 2 | 88.100 | 22.55 | -20.95 | 43.50 | 39.99 | 1.58 | 9.13 | 28.15 | Peak | --- | --- |

## Vertical



Site : 10CH01-HY
Condition : FCC CLASS-B 3m AT-2722 VERTICAL
EUT : ST5
Power : DVE CLA
model : FM 88.1M
Memo : Peugeot 307

|  | Freq | Level | Over <br> Limit | Limit <br> Line | Read Level | Cable <br> Loss | Probe <br> Factor | Preanp <br> Factor | Remark | Ant <br> Pos | Table Pos |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | MHz | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dB | dBuV/m | dBuv | dB | dB | dB |  | cm | deg |
| 1 | 55.220 | 29.50 | -10.50 | 40.00 | 48.07 | 1. 26 | 8.45 | 28.28 | Peak | --- |  |
| 2 | 88.100 | 25.73 | -17.77 | 43.50 | 43.17 | 1. 58 | 9.13 | 28.15 | Peak | --- |  |


| Temperature | $23^{\circ} \mathrm{C}$ | Humidity | $60 \%$ |
| :--- | :--- | :--- | :--- |
| Configurations | $98.1 \mathrm{MHz} /$ Mode 3 |  |  |

Horizontal


| Site | : 10CH | 01-HY |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Condition | : FCC CLASS-B 3m AT-2722 HORLZONTAL |  |  |  |  |  |  |  |  |  |  |
| EUT | : ST5 |  |  |  |  |  |  |  |  |  |  |
| Power | : DVE | CLA |  |  |  |  |  |  |  |  |  |
| model | : FM 98 | .1M |  |  |  |  |  |  |  |  |  |
| Memo | : Peuge | ot 307 |  |  |  |  |  |  |  |  |  |
|  | Freq | Level | $\begin{array}{r} \text { Over } \\ \text { Limit } \end{array}$ | Limit Line | $\begin{array}{r} \text { Read } \\ \text { Level } \end{array}$ | Cable Loss | $\begin{aligned} & \text { Probe } \\ & \text { Factor } \end{aligned}$ | Preamp Factor | Remark | Ant Pos | $\begin{aligned} & \text { Table } \\ & \text { Pos } \end{aligned}$ |
|  | $\mathrm{MHz}^{\text {\% }}$ | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dB | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dBuV | dB | dB | dB |  | cm | deg |
| 1 | 63.950 | 27.08 | -12.92 | 40.00 | 46.48 | 1.37 | 7.47 | 28.24 | Peak | --- | --- |
| 2 | 98.100 | 24.12 | 38 | 43.50 | 39.60 | 1.61 | 11 | 28. | Peak | --- | --- |

Vertical


| Site | : 10CH | 01-HY |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Condition | : FCC CLASS-B 3m AT-2722 VERTICAL |  |  |  |  |  |  |  |  |  |  |
| EUT | : ST5 |  |  |  |  |  |  |  |  |  |  |
| Power | : DVE | CLA |  |  |  |  |  |  |  |  |  |
| model | : FM98 | .1M |  |  |  |  |  |  |  |  |  |
| Memo | : Peuge | ot 307 |  |  |  |  |  |  |  |  |  |
|  | Freq | Level | $\begin{aligned} & \text { Over } \\ & \text { Limit } \end{aligned}$ | Limit Line | $\begin{aligned} & \text { Read } \\ & \text { Level } \end{aligned}$ | Cable <br> Loss | Probe Factor | Preamp <br> Factor | Remark | Ant Pos | $\begin{array}{r} \text { Table } \\ \text { Pos } \end{array}$ |
|  | MHz | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dB | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | $\mathbf{d B u V}$ | dB | dB | dB |  | cm | deg |
| 1 | 51.340 | 29.62 | -10.38 | 40.00 | 47.28 | 1.23 | 9.40 | 28.29 | Peak |  | --- |
| 2 | 86.260 | 29.91 | -10.09 | 40.00 | 47.77 | 1.57 | 8.73 | 28.16 | Peak | --- | --- |
| 3 | 98.100 | 26.37 | -17.13 | 43.50 | 41.85 | 1.61 | 11.02 | 28.11 | Peak | --- | --- |


| Temperature | $23^{\circ} \mathrm{C}$ | Humidity | $60 \%$ |
| :--- | :--- | :--- | :--- |
| Configurations | $107.9 \mathrm{MHz} /$ Mode 3 |  |  |

Horizontal


Site : 10CH01-HY
Condition : FCC CLASS-B 3m AT-2722 HORIZONTAL
EUT : ST5
Power : DVE CLA
model : FM 1079 M
Memo : Peugeot 307

|  | Freq | Level | Over <br> Limit | Limit <br> Line | Read <br> Level | Cable <br> Loss | Probe Factor | Preanly <br> Factor | Remark | fint <br> Pos | $\begin{array}{r} \text { Table } \\ \text { Pos } \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | MHz | $\mathrm{dBuV} / \mathrm{m}$ | dB | dBuV/m | dBuV | dB | dB | dB |  | C.m | deg |
| 1 | 67.830 | 25.35 | -14.65 | 40.00 | 44.47 | 1. 45 | 7. 66 | 28.23 | Peak | --- | --- |
| 2 | 107.900 | 19.87 | $-23.63$ | 43.50 | 34.07 | 1. 67 | 12.19 | 28.06 | Peak | --- | --- |

## Vertical



| Site <br> Condition | : 10CH01-HY |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | n : FCC C | CLASS-B | 3m AT-2 | 722 VER | TICAL |  |  |  |  |  |  |
| EUT | : ST5 |  |  |  |  |  |  |  |  |  |  |
| Power model Memo | : DVE CLA |  |  |  |  |  |  |  |  |  |  |
|  | : FM 1079M |  |  |  |  |  |  |  |  |  |  |
|  | : Peuge | ot 307 |  |  |  |  |  |  |  |  |  |
|  | Freq | Level | $\begin{aligned} & \text { Over } \\ & \text { Limit } \end{aligned}$ | Limit <br> Line | $\begin{array}{r} \text { Read } \\ \text { Level } \end{array}$ | Cable <br> Loss | $\begin{aligned} & \text { Probe } \\ & \text { Factor } \end{aligned}$ | Preanp <br> Factor | Remark | $\begin{aligned} & \text { Ant } \\ & \text { Pos } \end{aligned}$ | $\begin{array}{r} \text { Table } \\ \text { Pos } \end{array}$ |
|  | MHz | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dB | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dBuV | dB | dB | dB |  | cm | deg |
| 1 | 55.220 | 29.30 | -10. 70 | 40.00 | 47.87 | 1.26 | 8.45 | 28.28 | Peak | --- | --- |
| 21 | 107.900 | 26.46 | -17.04 | 43.50 | 40.66 | 1.67 | 12.19 | 28.06 | Peak | --- | --- |


| Temperature | $23^{\circ} \mathrm{C}$ | Humidity | $60 \%$ |
| :--- | :--- | :--- | :--- |
| Configurations | $88.1 \mathrm{MHz} /$ Mode 4 |  |  |

Horizontal


| Site | : 10CH | 1-HY |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Condition | : FCC CLASS-B 3m AT-2722 HORLZONTAL |  |  |  |  |  |  |  |  |  |  |
| EUT | : SV5 |  |  |  |  |  |  |  |  |  |  |
| Power <br> model <br> Memo | : DVE CLA |  |  |  |  |  |  |  |  |  |  |
|  | : FM 88.1M |  |  |  |  |  |  |  |  |  |  |
|  | : Peugeot 307 |  |  |  |  |  |  |  |  |  |  |
|  | Freq | Level | Orer <br> Limit | Limit <br> Line | Read <br> Level | Cable Loss | Probe <br> Factor | Preanp <br> Factor | Remark | Ant Pos | Table <br> Pos |
|  | MHz | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dB | $\overline{\mathrm{dBu} / \mathrm{m}}$ | dBuv | dB | dB | dB |  | cm | deg |
| 1 | 88.100 | 22.11 | -21. 39 | 43.50 | 39.55 | 1. 58 | 9.13 | 28.15 | Peak | --- |  |

## Vertical



Site : 10CH01-HY
Condition : FCC CLASS-B 3m AT-2722 VERTICAL
EUT : SV5
Power : DVE CLA
model : FM 88.1M
Memo : Peugeot 307

| Freq | Level | Over <br> Limit | Limit Line | Read Level | Cable Loss | Probe <br> Factor | Preanp <br> Factor | Remark | Ant <br> Pos | Table <br> Pos |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | dB |  | cm | deg |
| 55.220 | 30.21 | -9.79 | 40.00 | 48.78 | 1. 26 | 8.45 | 28.28 | Peak | --- |  |
| 88.100 | 32.86 | -10.64 | 43.50 | 50.30 | 1. 58 | 9.13 | 28.15 | Peak | --- |  |


| Temperature | $23^{\circ} \mathrm{C}$ | Humidity | $60 \%$ |
| :--- | :--- | :--- | :--- |
| Configurations | $98.1 \mathrm{MHz} /$ Mode 4 |  |  |

Horizontal


Site : 10CH01-HY
Condition : FCC CLASS-B 3m AT-2722 HORIZONTAL
EUT : SV5
Power : DVE CLA
model : FM 98.1M
Memo : Peugeot 307

| Freq | Level | Over <br> Limit | Limit <br> Line | Read Level | Cable Loss | Probe <br> Factor | Preanl <br> Factor | Remark | Ant <br> Pos | Table Pos |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{M H z}$ | $\overline{\mathrm{dBu} / 7 \mathrm{~m}}$ | dB | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dBuv | dB | dB | dB |  | cm | deg |
| 55.220 | 26.21 | -13.79 | 40.00 | 44. 78 | 1. 26 | 8.45 | 28.28 | Peak | --- |  |
| 98.100 | 20.93 | -22.57 | 43.50 | 36.41 | 1. 61 | 11.02 | 28.11 | Peak | --- |  |

## Vertical



| Site | : 10CH | 01-HY |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Condition | : FCC CLASS-B 3m AT-2722 VERTICAL |  |  |  |  |  |  |  |  |  |  |
| EUT | : SV5 |  |  |  |  |  |  |  |  |  |  |
| Power | : DVE | CLA |  |  |  |  |  |  |  |  |  |
| model | : FM 98 | .1M |  |  |  |  |  |  |  |  |  |
| Memo | : Peuge | ot 307 |  |  |  |  |  |  |  |  |  |
|  | Freq | Level | $\begin{gathered} \text { Over } \\ \text { Limit } \end{gathered}$ | $\begin{array}{r} \text { Limit } \\ \text { Line } \end{array}$ | $\begin{array}{r} \text { Read } \\ \text { Level } \end{array}$ | Cable | $\begin{aligned} & \text { Probe } \\ & \text { Factor } \end{aligned}$ | Preanc Factor | Remark | $\begin{aligned} & \text { Ant } \\ & \text { Pos } \end{aligned}$ | $\begin{array}{r} \text { Table } \\ \text { Pos } \end{array}$ |
|  | $\mathrm{MHz}^{\text {\% }}$ | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dB | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dBuV | dB | dB | dB |  | cm | deg |
| 1 | 55.220 | 29.80 | -10. 20 | 40.00 | 48.37 | 1. 26 | 8.45 | 28.28 | Peak | --- | --- |
| 2 | 98.100 | 21.80 | -21. 70 | 43.50 | 37.28 | 1.61 | 11.02 | 28.11 | Peak | --- | --- |


| Temperature | $23^{\circ} \mathrm{C}$ | Humidity | $60 \%$ |
| :--- | :--- | :--- | :--- |
| Configurations | $107.9 \mathrm{MHz} /$ Mode 4 |  |  |

Horizontal


| Site | $: 10 \mathrm{CH}$ | -HY |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Condition | : FCC CLASS-B 3m AT-2722 HORIZONTAL |  |  |  |  |  |  |  |  |  |  |
| EUT | : SV5 |  |  |  |  |  |  |  |  |  |  |
| Power | : DVE CLA |  |  |  |  |  |  |  |  |  |  |
| model | : FM 107 9M |  |  |  |  |  |  |  |  |  |  |
| Memo | : Peugeot 307 |  |  |  |  |  |  |  |  |  |  |
|  | Freq | Level | Orer <br> Limit | Limit Line | Read Level | Cable <br> Loss | Probe Factor | Preamp <br> Factor | Remark | Ant <br> Pos | Table Pos |
|  | $\mathbf{M H z}$ | dBuv/m | dB | $\mathrm{dBuV} / \mathrm{m}$ | dBuV | dB | dB | dB |  | cm | deg |


| 1 | 106.630 | 19.43 | -24.07 | 43.50 | 33.75 | 1.66 | 12.09 | 28.07 | Peak --- |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

## Vertical



| Site | : 10 CH | 01-HY |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Condition | : FCC C | CLASS-B | 3m AT-2 | 722 VER | TICAL |  |  |  |  |  |  |
| EUT | : SV5 |  |  |  |  |  |  |  |  |  |  |
| Power | : DVE C | CLA |  |  |  |  |  |  |  |  |  |
| model | : FM 10 | 79 M |  |  |  |  |  |  |  |  |  |
| Memo | : Peuge | ot 307 |  |  |  |  |  |  |  |  |  |
|  | Freq | Level | $\begin{aligned} & \text { Over } \\ & \text { Limít } \end{aligned}$ | Limit <br> Line | $\begin{array}{r} \text { Read } \\ \text { Level } \end{array}$ | Cable <br> Loss | $\begin{array}{r} \text { Probe } \\ \text { Factor } \end{array}$ | Preamp <br> Factor | Remark | $\begin{aligned} & \text { Ant } \\ & \text { Pos } \end{aligned}$ | $\begin{array}{r} \text { Table } \\ \text { Pos } \end{array}$ |
|  | MHz | dBuV/m | dB | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dBuv | dB | dB | dB |  | cm | deg |
| 1 | 55.220 | 30.36 | -9.64 | 40.00 | 48.93 | 1.26 | 8.45 | 28.28 | Peak | --- | --- |
| 2 | 107.900 | 26.35 | -17.15 | 43.50 | 40.55 | 1.67 | 12.19 | 28.06 | Peak | --- | --- |


| Temperature | $23^{\circ} \mathrm{C}$ | Humidity | $60 \%$ |
| :--- | :--- | :--- | :--- |
| Configurations | $88.1 \mathrm{MHz} /$ Mode 5 |  |  |

Horizontal


| Site |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Condition EUT | : FCC CLASS-B 3m AT-2722 HORIZONTAL |  |  |  |  |  |  |  |  |  |  |
|  | : ST5 |  |  |  |  |  |  |  |  |  |  |
| Power <br> model <br> Memo | - DVE CLA |  |  |  |  |  |  |  |  |  |  |
|  | : FM 88.1M |  |  |  |  |  |  |  |  |  |  |
|  | : X-TR | AIL |  |  |  |  |  |  |  |  |  |
|  | Freq | Level | Over Limit | Limit <br> Line | Read Level | Cable <br> Loss | Probe <br> Factor | Preamp <br> Factor | Remark | fint <br> Pos | Table <br> Pos |
|  | MHz | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dB | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dBuv | dB | dB | dB |  | cm | deg |
| 1 | 71. 710 | 22.56 | -17.44 | 40.00 | 41. 58 | 1.48 | 7. 71 | 28.21 | Peak | --- | --- |
| 2 | 88.100 | 19.71 | -23.79 | 43.50 | 37.15 | 1. 58 | 9.13 | 28.15 | Peak | --- | --- |
| 3 | 215.270 | 27.17 | -16.33 | 43.50 | 41.23 | 2.37 | 11. 14 | 27.57 | Peak | --- | --- |
| 4 | 568.350 | 33.21 | -12.79 | 46.00 | 38.92 | 3.79 | 19.10 | 28.60 | Peak | --- | - |

Vertical


| Site | : 10CH0 | 01-HY |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Condition | 1: FCC C | CLASS-B | 3 m AT- | 722 VER | TICAL |  |  |  |  |  |  |
| EUT | : ST5 |  |  |  |  |  |  |  |  |  |  |
| Power | : DVE | CLA |  |  |  |  |  |  |  |  |  |
| model | : FM 88 | .1M |  |  |  |  |  |  |  |  |  |
| Memo | : X-TRA | AIL |  |  |  |  |  |  |  |  |  |
|  | Freq | Level | $\begin{aligned} & \text { Over } \\ & \text { Limit } \end{aligned}$ | Limit <br> Line | $\begin{array}{r} \text { Read } \\ \text { Level } \end{array}$ | Cable Loss | Probe Factor | Preanp <br> Factor | Remark | $\begin{aligned} & \text { Ant } \\ & \text { Pos } \end{aligned}$ | Table Pos |
|  | MHz | $\overline{\mathrm{dBu} / \mathrm{m}}$ | dB | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dBuv | dB | dB | dB |  | cm | deg |
| 1 | 75.590 | 25.14 | -14.86 | 40.00 | 44.23 | 1.49 | 7.62 | 28.20 | Peak | --- | --- |
| 2 | 88.100 | 21.20 | -22.30 | 43.50 | 38.64 | 1.58 | 9.13 | 28.15 | Peak | --- | --- |
| 3 | 238.550 | 32.27 | -13.73 | 46.00 | 44.90 | 2.51 | 12.38 | 27.52 | Peak | --- | --- |


| Temperature | $23^{\circ} \mathrm{C}$ | Humidity | $60 \%$ |
| :--- | :--- | :--- | :--- |
| Configurations | $98.1 \mathrm{MHz} /$ Mode 5 |  |  |

Horizontal


Site : 10CH01-HY
Condition : FCC CLASS-B 3m AT-2722 HORIZONTAL

| EUT | : ST5 |
| :--- | :--- |
| Power | : DVE CLA |
| model | : FM98.1M |
| Memo | : X-TRAL |


|  | Freq | Level | Orer <br> Limit | Limit <br> Line | Read Level | Cable <br> Loss | Probe <br> Factor | Preanp <br> Factor | Remark | fint <br> Pos | Table Pos |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | MHz | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dB | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dBuv | dB | dB | dB |  | cm | deg |
| 1 | 98.100 | 24.03 | -19.47 | 43.50 | 39.51 | 1. 61 | 11.02 | 28.11 | Peak | --- |  |
| 2 | 215.270 | 26.91 | -16.59 | 43.50 | 40.97 | 2.37 | 11. 14 | 27.57 | Peak | --- |  |
| 3 | 568.350 | 32. 70 | -13.30 | 46.00 | 38.41 | 3.79 | 19.10 | 28.60 | Peak | --- |  |

## Vertical



Site : 10CH01-HY
Condition : FCC CLASS-B 3m AT-2722 VERTICAL
EUT : ST5
Power : DVE CLA
model : FM 98.1 M
Memo : X-TRALL

|  | Freq | Level | Over <br> Limit | Limit <br> Line | Read Level | Cable <br> Loss | Probe <br> Factor | Preanp <br> Factor | Remark | Ant <br> Pos | Table <br> Pos |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | MHz | $\overline{d B u v / m}$ | dB | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dBuv | dB | dB | dB |  | cm | deg |
| 1 | 98.100 | 27.97 | -15.53 | 43.50 | 43.45 | 1. 61 | 11.02 | 28.11 | Peak | --- |  |
| 2 | 195.870 | 32.22 | -11. 28 | 43.50 | 47.37 | 2.26 | 10.21 | 27.62 | Peak | --- |  |
| 3 | 237.580 | 33.09 | -12.91 | 46.00 | 45.77 | 2.51 | 12.33 | 27.52 | Peak | --- |  |


| Temperature | $23^{\circ} \mathrm{C}$ | Humidity | $60 \%$ |
| :--- | :--- | :--- | :--- |
| Configurations | $107.9 \mathrm{MHz} /$ Mode 5 |  |  |

Horizontal


Site : 10CH01-HY
Condition : FCC CLASS-B 3m AT-2722 HORIZONTAL
EUT : ST5
Power : DVE CLA
model : FM 107.9M
Memo : X-TRALL

| Freq | Level | Over <br> Limit | Limit <br> Line | Read Level | Cable Loss | Probe <br> Factor | Preanp <br> Factor | Remark | fint Pos | Table |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MHz | dBuV/m | dB | 1BuV/m | dBuv | dB | dB | dB |  | cm | deg |

$\begin{array}{llllllllllllllllll}1 & 107.900 & 24.11 & -19.39 & 43.50 & 38.31 & 1.67 & 12.19 & 28.06 & \text { Peak }\end{array}$

## Vertical



| Site | : 10CH | 1-HY |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Condition | - FCC | LASS-B | 3 m AT-27 | 722 VER | TICAL |  |  |  |  |  |  |
| EUT | : ST5 |  |  |  |  |  |  |  |  |  |  |
| Power | : DVE | LA |  |  |  |  |  |  |  |  |  |
| model | : FM 10 | 79 M |  |  |  |  |  |  |  |  |  |
| Memo | : X-T |  |  |  |  |  |  |  |  |  |  |
|  | Freq | Level | Over <br> Limit | Limit Line | Read Level | Cable Loss | Probe <br> Factor | Preanp <br> Factor | Remark | Ant Pos | Table Pos |
|  | MHz | $\overline{d B u V / m}$ | dB | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dBuv | dB | dB | dB |  | cm | deg |
| 1 | 107.900 | 31.93 | -11. 57 | 43.50 | 46.13 | 1. 67 | 12.19 | 28.06 | Peak | --- | --- |
| 2 | 238.550 | 32. 71 | -13.29 | 46.00 | 45.34 | 2.51 | 12.38 | 27.52 | Peak | --- | -- |


| Temperature | $23^{\circ} \mathrm{C}$ | Humidity | $60 \%$ |
| :--- | :--- | :--- | :--- |
| Configurations | $88.1 \mathrm{MHz} /$ Mode 6 |  |  |

Horizontal


Site : 10CH01-HY
Condition : FCC CLASS-B 3m AT-2722 HORIZONTAL

| EUT | : SV5 |
| :--- | :--- |
| Power | : DVE CLA |
| model | : FM 88.1M |
| Memo | : X-TRALL |

Memo : X-TRAL

| Freq | Level | Orer <br> Limit | Limit Line | Read Level | Cable <br> Loss | Probe Factor | Preamp <br> Factor | Remark | Ant <br> Pos | Table Pos |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MHz | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dB | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dBuv | dB | dB | dB |  | c.m | deg |
| 71. 710 | 22.87 | -17. 13 | 40.00 | 41.89 | 1.48 | 7. 71 | 28.21 | Peak | --- |  |
| 88.100 | 16.48 | -27.02 | 43.50 | 33.92 | 1. 58 | 9.13 | 28.15 | Peak | -- |  |
| 219.150 | 26.57 | -19.43 | 46.00 | 40.39 | 2.39 | 11. 35 | 27.56 | Peak | -- |  |

## Vertical



| Site <br> Condition <br> EUT <br> Power <br> model <br> Memo | : 10CH01-HY |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | : FCC CLASS-B 3m AT-2722 VERTICAL |  |  |  |  |  |  |  |  |  |  |
|  | : SV5 |  |  |  |  |  |  |  |  |  |  |
|  | : DVE CLA |  |  |  |  |  |  |  |  |  |  |
|  | : FM 88.1M |  |  |  |  |  |  |  |  |  |  |
|  | : X-TRAL |  |  |  |  |  |  |  |  |  |  |
|  | Freq | Level | Over Limit | Limit Line | $\begin{aligned} & \text { Read } \\ & \text { Level } \end{aligned}$ | Cable Loss | Probe Factor | Preanl Factor | Remark | Ant Pos | Table |
|  | 3Hz | $\overline{\mathrm{dBu} / \mathrm{m}}$ | dB | $\overline{\mathrm{dBu} / \mathrm{m}}$ | $\mathbf{d B u V}$ | dB | dB | dB |  | cm | deg |
| 1 | 71.710 | 25.21 | -14.79 | 40.00 | 44.23 | 1.48 | 7.71 | 28.21 | Peak | --- | --- |
| 2 | 88.100 | 21. 79 | -21. 71 | 43.50 | 39.23 | 1.58 | 9.13 | 28.15 | Peak | --- | --- |
| 3 | 238.550 | 33.07 | -12.93 | 46.00 | 45.70 | 2.51 | 12.38 | 27.52 | Peak | --- | --- |


| Temperature | $23^{\circ} \mathrm{C}$ | Humidity | $60 \%$ |
| :--- | :--- | :--- | :--- |
| Configurations | $98.1 \mathrm{MHz} /$ Mode 6 |  |  |

Horizontal


| Site | : 10CH01-HY |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Condition | : FCC CLASS-B 3m AT-2722 HORIZONTAL |  |  |  |  |  |  |  |  |  |  |
| EUT | : SV5 |  |  |  |  |  |  |  |  |  |  |
| Power <br> model <br> Memo | : DVE CLA |  |  |  |  |  |  |  |  |  |  |
|  | : FM 98.1M |  |  |  |  |  |  |  |  |  |  |
|  | : X-TRAIL |  |  |  |  |  |  |  |  |  |  |
|  | Freq | Level | Orer <br> Limit | Limit <br> Line | Read Level | Cable <br> Loss | Probe <br> Factor | Preamp <br> Factor | Remark | Ant <br> Pos | Table <br> Pos |
|  | MHz | $\overline{\mathrm{dBuV} / \mathrm{m}}$ | dB | $\overline{\text { dBuV/m }}$ | dBuV | dB | dB | dB |  | cm | deg |
| 1 | 71. 710 | 22.76 | -17. 24 | 40.00 | 41. 78 | 1.48 | 7. 71 | 28.21 | Peak | --- | --- |
| 2 | 98.100 | 20.64 | -22.86 | 43.50 | 36.12 | 1. 61 | 11.02 | 28.11 | Peak | --- | --- |
| 3 | 203.630 | 26.35 | -17.15 | 43.50 | 41.11 | 2.30 | 10.53 | 27.59 | Peak | --- | --- |
| 4 | 563.500 | 29.01 | -16.99 | 46.00 | 34.86 | 3.77 | 18.98 | 28.60 | Peak | --- | -- |

## Vertical



| Site | : 10CH | 01-HY |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Condition | : FCC CLASS-B 3m AT-2722 VERTICAL |  |  |  |  |  |  |  |  |  |  |
| EUT | : SV5 |  |  |  |  |  |  |  |  |  |  |
| Power | : DVE CLA |  |  |  |  |  |  |  |  |  |  |
| model | : FM 98.1M |  |  |  |  |  |  |  |  |  |  |
| Memo | : X-TR | AIL |  |  |  |  |  |  |  |  |  |
|  | Freq | Level | Over Limit | Limit Line | $\begin{aligned} & \text { Read } \\ & \text { Level } \end{aligned}$ | Cable Loss | $\begin{aligned} & \text { Probe } \\ & \text { Factor } \end{aligned}$ | Preanl <br> Factor | Remark | Ant <br> Pos | $\begin{array}{r} \text { Table } \\ \text { Pos } \end{array}$ |
|  | MHz | dBuV/m | dB | $\overline{\mathrm{dBu} / \mathrm{m}}$ | $\mathbf{d B u V}$ | dB | dB | dB |  | cm | deg |
| 1 | 98.100 | 23.41 | -20.09 | 43.50 | 38.89 | 1.61 | 11.02 | 28.11 | Peak |  | --- |
| 2 | 199.750 | 31.09 | -12.41 | 43.50 | 46.10 | 2.27 | 10.32 | 27.60 | Peak | --- | --- |
| 3 | 238.550 | 33.27 | -12.73 | 46.00 | 45.90 | 2.51 | 12.38 | 27.52 | Peak | --- | --- |


| Temperature | $23^{\circ} \mathrm{C}$ | Humidity | $60 \%$ |
| :--- | :--- | :--- | :--- |
| Configurations | $107.9 \mathrm{MHz} /$ Mode 6 |  |  |

Horizontal


| Site | : 10CH | 01-HY |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Condition | : FCC CLASS-B 3m AT-2722 HORIZONTAL |  |  |  |  |  |  |  |  |  |  |
| EUT | : SV5 |  |  |  |  |  |  |  |  |  |  |
| Power | : DVE CLA |  |  |  |  |  |  |  |  |  |  |
| model | : FM 1079M |  |  |  |  |  |  |  |  |  |  |
| Memo : X-TRAL |  |  |  |  |  |  |  |  |  |  |  |
|  | Freq | Level | Over <br> Limit | $\begin{gathered} \text { Limit } \\ \text { Line } \end{gathered}$ | Read Level | Cable Loss | $\begin{aligned} & \text { Probe } \\ & \text { Factor } \end{aligned}$ | Preanp <br> Factor | Remark | Ant Pos | $\begin{array}{r} \text { Table } \\ \text { Pos } \end{array}$ |
|  | MHz | $\overline{\mathrm{dBu} / \mathrm{m}}$ | dB | $\overline{\mathrm{dBu} / \mathrm{m}}$ | dBuV | dB | dB | dB |  | cm | deg |
| 11 | 107.900 | 22.36 | -21. 14 | 43.50 | 36.56 | 1.67 | 12.19 | 28.06 | Peak | --- | --- |
| 2 | 215.270 | 26.58 | -16.92 | 43.50 | 40.64 | 2.37 | 11.14 | 27.57 | Peak | --- | --- |

## Vertical




## Test Modes

Mode 1: CEFIRO + ST5
Mode 2: CEFIRO + SV5
Mode 3: Peugeot $307+$ ST5
Mode 4: Peugeot $307+$ SV5
Mode 5: X-TRAIL+ ST5
Mode 6: X-TRAIL + SV5

|  |  | Peak Power over FCC limit (dB) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | DNP Model Name: ST5 |  | 88.1 MHz |  | 98.1 MHz |  | 107.9 MHz |  |
| Mode Type | FM Antenna Type | CLA Type | Vertical | Horizontal | Vertical | Horizontal | Vertical |  |
| Horizontal |  |  |  |  |  |  |  |  |
| Mode 1 | FEA Antenna | DVE | -7.15 | -9.50 | -5.68 | -9.92 | -5.56 |  |


|  | Peak Power over FCC limit (dB) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| DNP Model Name: SV5 |  |  | 88.1 MHz |  | 98.1 MHz |  | 107.9 MHz |
| Mode Type | FM Antenna Type | CLA Type | Vertical | Horizontal | Vertical | Horizontal | Vertical |
| Horizontal |  |  |  |  |  |  |  |
| Mode 2 | FEA Antenna | DVE | -5.95 | -10.27 | -5.86 | -11.93 | -5.65 |
| Mode 4 | FEA Antenna | DVE | -9.79 | -21.39 | -10.20 | -13.79 | -9.64 |
| Mode 6 | FEA Antenna | DVE | -12.93 | -17.13 | -12.73 | -16.99 | -11.73 |

### 3.2. Photographs of Radiated Emissions Test Configuration

Mode 1


No.: FV8OC001


No.: FV8OC001

## Mode 2



No.: FV8OC001


No.: FV8OC001

## Mode 3



No.: FV8OC001


Mode 4


No.: FV8OC001


No.: FV8OC001

## Mode 5



No.: FV8OC001


No.: FV8OC001

Mode 6


No.: FV8OC001


