

From: adm9@daimlerchrysler.com
Sent: Tuesday, July 06, 2004 1:47 PM
To: John Kennedy
Subject: Fw: FCC File # 0285-EX-RR-2001

Per your request the following information is being forwarded :
----- Forwarded by Andrew D Magic/JTE/DCC/DCX on 07/06/2004 01:45 PM -----

Andrew D
Magic/JTE/DCC/DCX

04/30/2004 09:33
AM

Nashaat.Nassr-Dr@faa.gov

To

cc

John.Kennedy@fcc.gov, Beverly E
Graves/ITM/DCC/DCX@wk-America,
Robert E
Burgee/SCI/DCC/DCX@wk-America,
David P
Tocco/SCI/DCC/DCX@wk-America,
Andrew J
Shune/SCI/DCC/DCX@wk-America

Subject

FCC File # 0285-EX-RR-2001

The following information is being transmitted relating to DaimlerChrysler's Laboratory Mobile Transceiver equipment and our On Board Vehicle Testing. The e-mail is in response to John Kennedy's e-mail referenced below and telephone conversation with Dr. Nashaat Nassr on 4/29/04. (Blue Text = Chrysler's response; Black Text = Memo from F.C.C)

Please report the following information to the FAA Regional Frequency Management Offices for the frequencies below (Ensure that the information indicated by the asterisks (*) is reported for the frequencies 1030 MHz and 1090 MHz and the bands 1215-1390 MHz, 2700-3000 MHz and 9000-9200 MHz). Write "None" for a parameter if it is considered not applicable to the experiment:

- (*) - peak envelope power (PEP);(SAME AS BELOW SINCE IT'S FM)
- type of antenna;1/4 wave
- transmit antenna gain;3dB
- elevation above sea level of the antenna site; 2 to 3 meters AGL(Vehicle roof mount)
- height above ground of the focal point of the antenna; 1.5 to 3 meters AGL(Vehicle roof mount)

- antenna polarization;Vertical
- the azimuth that the antenna is pointed or appropriate designator to indicate whether the antenna is rotating, non-directional, etc.; omni/non directional
- (*) - pulse repetition rate (PRR) that the equipment is capable of operating on to include PRR stagger sequences if appropriate, whether the PRR is adjustable and what PRR's the equipment can accept, and any other information that would be helpful in understanding the pulse characteristics of the equipment; N/A
- (*) - pulse width; N/A
- equipment nomenclatures; (Transceiver:ICOM/IC-1201A ; Antenna: 1/4 Wave Lab Made)
- (*) - whether the equipment is capable of blanking transmissions in certain azimuths and any limitations with respect to blanking;N/A
- radius of operations if appropriate;

Mobile ;vicinity of Detroit,MI 25km radius Centered around NL 42-24-06;WL 83-04-44
 Mobile ;vicinity of Chelsea,MI 10km radius Centered around NL 42-16-55;WL 84-02-06
 Mobile ;vicinity of Auburn Hills,MI 10km radius Centered around NL 42-38-30;WL 83-13-30

- detailed description of the proposed operation to include any technical parameters that will be altered during operations.

Operation of the 1240 to 1290MHz transceiver is for investigation of customer complaints and vehicle immunity design verification backup for chamber testing.

Frequencies

190-285 kHz N/A
 285-435 kHz N/A
 510-535 kHz N/A
 74.800-75.200 MHz N/A
 108.000-121.9375 MHz N/A
 123.5875-128.8125 MHz N/A
 132.0125-137.000 MHz N/A
 328.6-335.4 MHz N/A
 978-1020 MHz N/A
 1030 MHz (*) N/A
 1031-1087 MHz N/A
 1090 MHz (*) N/A
 1104-1146 MHz N/A
 1157-1213 MHz N/A
 1215-1390 MHz (*)See responses in blue
 2700-3000 MHz (*)N/A
 5000-5250 MHzN/A
 9000-9200 MHz (*)N/A

Frequency	Station Class	Emission Designator	Authorized Power
1240 MHz	MO	20K0F3E	100 W (ERP)
1245 MHz	MO	20K0F3E	100 W (ERP)
1250 MHz	MO	20K0F3E	100 W (ERP)
1255 MHz	MO	20K0F3E	100 W (ERP)
1260 MHz	MO	13K0F2B	50 W (ERP)
1260 MHz	MO	NON	50 W (ERP)

1260 MHz	MO	13KOF3C	50 W (ERP)
1260 MHz	MO	13K0F3E	50 W (ERP)
1265 MHz	MO	13KOF3C	50 W (ERP)
1265 MHz	MO	NON	50 W (ERP)
1265 MHz	MO	20KOF3E	100 W (ERP)
1265 MHz	MO	13KOF3E	50 W (ERP)
1265 MHz	MO	13K0F2B	50 W (ERP)
1270 MHz	MO	13KOF3E	50 W (ERP)
1270 MHz	MO	NON	50 W (ERP)
1270 MHz	MO	13KOF2B	50 W (ERP)
1270 MHz	MO	13KOF3C	50 W (ERP)
1275 MHz	MO	20K0F3E	100 W (ERP)
1280 MHz	MO	20K0F3E	100 W (ERP)
1285 MHz	MO	20K0F3E	100 W (ERP)
1290 MHz	MO	13KOF2B	50 W (ERP)
1290 MHz	MO	NON	50 W (ERP)
1290 MHz	MO	13KOF3C	50 W (ERP)
1290 MHz	MO	13KOF3E	50 W (ERP)

If there are any further questions or information please don't hesitate to contact me.

Andrew D. Magic
Senior Engineer
Daimler Chrysler
Phone- 248-576-6929
E-mail- ADM9@DCX.com

----- Forwarded by Andrew D Magic/JTE/DCC/DCX on 04/30/2004 05:57 AM -----

"John Kennedy"	To:
<John.Kennedy@fcc	
<adm9@daimlerchrysler.com>	
.gov>	cc: "James Burtle"
<James.Burtle@fcc.gov>	Subject: FCC File # 0285-EX-RR-
2001	
04/05/2004 02:25	
PM	

Dear Mr. Magic and Ms. Graves:

1. Attached is the previously sent prior coordination request.
2. Attached are technical parameters which should be reported to the Great Lakes Regional Office for prior coordination of the frequencies from 1240 MHz to 1290 MHz. Please write "None" under any parameters that are not applicable.
3. Attached are also the most recent phone numbers to the FAA Regional Offices.

If you have any questions, please feel free to contact me.

<<65501.PDF>> <<FAA_Frequency_Parameters_Update.doc>> <<FAA Regional Office
Phone Numbers for Prior Coordination.xls>>

Regards,

John W. Kennedy
Federal Communications Commission
Office of Engineering and Technology
Experimental Licensing Branch
(202) 418-2484

(See attached file: 65501.PDF)(See attached file:
FAA_Frequency_Parameters_Update.doc)(See attached file: FAA Regional Office
Phone Numbers for Prior Coordination.xls)