

GENERAL MOTORS LIST OF RECOGNIZED EMC LABORATORIES

Revision Date: 8 Sep 2015																	
GM Contact for Lab Recognition: Michael Mandziuk Ph: 248-794-0377 Email: michael.mandziuk@gm.com Alternate Contact: Donald Seyerle Ph: 248-534-9642 Email: donald.r.seyerle@gm.com			Row Color of YELLOW indicates a lab that has not responded to recent communications. If you have updated lab contact info, please send it to michael.mandziuk@gm.com Labs without updated facility reports and CI plots will turn yellow in February 2016. Labs in yellow will be removed from this list in Q2 2016. Row Color of GREY Denotes a Commercial Lab Row Color of WHITE Denotes a Supplier Lab										CI Procedures for Existing Labs will Show "SEE NOTE" until an updated facility report is provided with verification plots and setup photos. Use of this lab is at the discretion of the GM EMC engineer for each component being tested.				
			LOCATION			GMW 3097 EMC Test Procedure (*)										Notes	
Lab	Contact	Lab Type	Region	Country	State / City	3.3.1	3.3.2	3.4.1	3.4.2	3.4.2	3.4.3	3.4.4	3.4.5	3.5.1,2,4,5,6	3.5.3		3.6
						RE	CE-V	BCI SUB	RI ALSE NON - RADAR	RI ALSE RADAR	RI Reverb MT	RI Near Field Portable Transmitter	RI Magnetic Fields	CI Power Line and I/O Transients	CI Coupling Clamp	ESD	
3C Test Limited, Silverstone Technology Park, Silverstone Circuit, Northants, NN12 8GX, UNITED KINGDOM	James Gordon-Colebrooke Tel: +44 (0)1327 857500 Web: www.3ctest.co.uk Email: james@3ctest.co.uk	Commercial	Europe	United Kingdom	Northants	YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
Alps Electric Co., LTD. EMC Test Lab 6-3-36 Furukawanakazato Osaki-city Miyagi-pref. 989-6181 JAPAN	Toshihiko Kawata toshihiko.kawata@jp.alps.com Kazunari Hanaya kazunari.hanaya@jp.alps.com	Supplier	Asia	Japan	Osaki	YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
Alpine Electronic Dalian R&D Center No.8-6, SoftPark Road Dalian, 116023, P.R. China	Chao Li +86 411-84757501 chao-li@alpine-china.com	Supplier	Asia	China	Dalian	YES	YES	YES	YES	NO	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
Alpine Electronics 20-1Yoshima-Kogyodanchi Iwaki City, Fukushima 970-1192 JAPAN	Tsuyoshi Matsumoto 81 246 36 4111 ext. 6816 t-matsu@apn.alpine.co.jp	Supplier	Asia	Japan	Iwaki	YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
Applus+ Laboratories LGAJ Technological Center S.A. Campus UAB - Ronda de la font del Carme s/n 08193 Bellaterra (Barcelona)	José María Laborda +34 646 354 251 jose.laborda@applus.com www.appluslaboratories.com	Commercial	Europe	Spain	Barcelona	NO	YES	YES	YES	YES	NO	YES	YES	YES	YES	YES	
Automotive Research and Testing Center (ARTC) No. 6, Lungong, S. 7 Road, Lugang, Changhua County, 50544 TAIWAN (R.O.C.)	Richard Lin 886-4-7811222 ext 3315 pasi@artc.org.tw	Commercial	Asia	China	Taiwan	YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
BorgWarner Ludwigsburg GmbH Moerikestr. 155 71636 Ludwigsburg Germany	Mr. Lars Lamster +49 7141-132-747 llamster@borgwarner.com	Supplier	Europe	Germany	Ludwigsburg	YES	YES	YES	YES	SEE NOTE	NO	NO	NO	SEE NOTE	SEE NOTE	YES	RI ALSE RADAR PULSE - The lab can functionally perform the test, but cannot meet 600V/m at 1m. They can test above 300 V/m.
Robert Bosch Car Multimedia GmbH Hildesheim GERMANY	Juergen Althoff 49 5121 49 2179 Juergen.AltHoff@de.bosch.com	Supplier	Europe	Germany	Hildesheim	YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
Bureau Veritas (BV) 2F, C Building, No.1618, YiShan Road, Shanghai China	James Xu (Xu Chao) +86-21-64659091 ext 370 james-c.xu@cn.bureauveritas.com	Commercial	Asia	China	Shanghai	YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
Centro Ricerche Fiat Strada Torino 50, 10043 Orbassano (TO) ITALY	Walter Savio	Supplier	Europe	Italy	Orbassano	YES	NO	YES	NO	NO	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
Chrysler EMC Laboratory 800 E. Chrysler Drive CIMS 481-47-20 Auburn Hills, MI 48326 UNITED STATES OF AMERICA	Rob Kado (248) 576-6915 robert.kado@fcagroup.com	Commercial	North America	United States	Michigan	YES	YES	YES	YES	SEE NOTE	NO	NO	NO	SEE NOTE	SEE NOTE	YES	USE OF THIS LAB IS AT THE DISCRETION OF THE TEST PLAN APPROVER RI ALSE RADAR PULSE - Test setup cannot meet 600V/m at 1m
Continental Automotive France SAS (formerly Siemens VDO Automotive S. A. S.) 1, Avenue Paul Ourliac BP 83649 31036 Toulouse Cedex France	Francis Colomblé 33 561 195 608 francis.colomblie@continental-corporation.com	Supplier	Europe	France	Toulouse	YES	YES	YES	YES	NO	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
Continental Automotive GmbH (formerly Siemens) QL RBG Osterhofenerstrasse 14 D-93049 Regensburg GERMANY	Gunter Vogl +49 941 790-4641 Guenther.2.Vogl@continental-corporation.com Norbert Haimerl Norbert.Haimerl@continental-corporation.com	Supplier	Europe	Germany	Regensburg	YES	YES	YES	YES	SEE NOTE	NO	NO	NO	SEE NOTE	SEE NOTE	YES	RI ALSE RADAR PULSE - The lab can functionally perform the test, but cannot meet 600V/m at 1m. They can test above 300 V/m.
Continental Automotive Systems NA (Formerly Siemens) 2400 Executive Hills Blvd. Auburn Hills, MI 48326 UNITED STATES OF AMERICA	Aaron Verellen 248.209.3802 aaron.verellen@continental-corporation.com	Supplier	North America	United States	Michigan	YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
Continental (formerly Motorola) 570 Capital Drive Lake Zurich, Illinois, 60047 UNITED STATES OF AMERICA	Ken Klimek 847 862 0131 ken.klimek@continental-corporation.com	Supplier	North America	United States	Illinois	YES	YES	YES	YES	NO	YES	NO	NO	SEE NOTE	SEE NOTE	YES	

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Lab	Contact	Lab Type	LOCATION		
			Region	Country	State / City
Continental Temic Ringlerstrasse 17 85057 Ingolstadt GERMANY	Herbert Seitle +49 841 881-2453 herbert.seitle@continental-corporation.com	Supplier	Europe	Germany	Ingolstadt
Continental Teves Guerickestrasse 7 D-60488 Frankfurt/Main GERMANY	Norbert Schnocks	Supplier	Europe	Germany	Frankfurt
Continental One Continental Drive Auburn Hills, MI 48326-1581 UNITED STATES OF AMERICA	Steve Masiak 248.393.6147 steve.masiak@continental-corporation.com	Supplier	North America	United States	Michigan
CVC (Vkan Certification & Testing Co. Ltd) No.3, Tiantaiyi Road, Kaitai Avenue, Science City, Guangzhou, 510663, P. R. China	Lin Qing lingqing@cvc.org.cn Lab Info: Ph: 86 20 32293888 Fax: 86 20 32239889 Website: www.cvc.org.cn	Commercial	Asia	China	Guangzhou
DARE!! Measurements Vijzelmoenlaan 7 3447 GX Woerden, THE NETHERLANDS	Dennis Van Der Vlugt +31 348 430 979 dev@dare.nl www.dare.nl	Commercial	Europe	Netherlands	Woerden
Delphi Delco Electronics 2159 E. Lincoln Road Kokomo, IN 46902-9005 M/S: EL1 UNITED STATES OF AMERICA	Chad Blueher 765.451.7016 <Chad.Blueher@delphi.com>	Supplier	North America	United States	Indiana
Delphi E&S (Electronics & Safety) Mexico Technical Center Ave. Hermanos Escobar #5756 Cd. Juarez, Chihuahua C.P. 32310 MEXICO	Obed H Betancourt obed.h.betancourt@delphi.com 915-612-1261 Lab Deputy : Hector Cedeno Hector.J.Cedeno@delphi.com	Supplier	North America	Mexico	Juarez
Delphi Packard Electric Systems CSE Test Center - EMC Laboratory 4551 Research Parkway Warren, OH 44483 UNITED STATES OF AMERICA	Janice Zwilling 330.306.1041 janice.zwilling@delphi.com Rich Boyer rich.boyer@delphi.com	Supplier	North America	United States	Ohio
Delphi Deutschland GmbH European Test Center Vor den Birken 4 D - 51674 Wiehl - Marienhagen GERMANY	Roland Krause 49 2261 29003 19 roland.krause@delphi.com	Supplier	Europe	Germany	Marienhagen
Denso EMC Eng. Service Corp. 1-1 Showa-cho, Kariya-Shi Aichi-Ken, 448-8661 JAPAN	Takashi Mori TAKASHI_A_MORI@denso.co.jp 81 566 25 6908	Commercial	Asia	Japan	Kariya-Shi
Denso DIAM International 24777 Denso Drive Southfield, MI 48086 UNITED STATES OF AMERICA	Mike Bosley 248-372-8076 MICHAEL_BOSLEY@denso-diam.com	Supplier	North America	United States	Michigan
Elite Electronics Engineering Inc. 1516 Centre Circle Downers Grove, IL 60515 UNITED STATES OF AMERICA	Craig Fanning 630.495.9770 cfanning@elitetest.com Stan Dolecki sdolecki@elitetest.com	Commercial	North America	United States	Illinois
EMCCons Dr. Rasek GmbH & Co. KG. Moggast, Boelwiese 4-8 91320 Ebermannstadt GERMANY	Patricia Scholl +49-9194-9016 p.scholl@emcc.de	Commercial	Europe	Germany	Ebermannstadt
EMC Test NRW GmbH Emil-Figge-Strasse 76 D-44227 Dortmund GERMANY	Holger Kellerbauer 49 (0)231 / 9742-750 kellerbauer@emc-test.de	Commercial	Europe	Germany	Dortmund
Fujitsu Ten Limited Nakatsugawa Technical Center 1683-1963, Nakagaido, Nasubigawa, Nakatsugawa City, Gifu Prefecture 509-9132 JAPAN	Hitoshi Ito hitoshi.ito_01@jp.fujitsu.com +81-573-68-7021	Supplier	Asia	Japan	Nakatsugawa
Gentex 600 N. Centennial St. Zeeland, MI 49464 UNITED STATES OF AMERICA	Craig Harder 616-772-1590 ext. 5212 craig.harder@gentex.com Paul VanLente 616-772-1590 ext. 5257 paul.vanlente@gentex.com	Supplier	North America	United States	Michigan
Harman 26500 Haggerty Road Farmington Hills, MI 48331 UNITED STATES OF AMERICA	Jerry Smyth 248-592-3212 jerry.smyth@harman.com	Supplier	North America	United States	Michigan

GMW 3097 EMC Test Procedure (*)											Notes
3.3.1	3.3.2	3.4.1	3.4.2	3.4.2	3.4.3	3.4.4	3.4.5	3.5.1,2,4,5,6	3.5.3	3.6	
RE	CE-V	BCI SUB	RI ALSE NON - RADAR	RI ALSE RADAR	RI Reverb MT	RI Near Field Portable Transmitter	RI Magnetic Fields	CI Power Line and I/O Transients	CI Coupling Clamp	ESD	
YES	YES	YES	NO	NO	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	NO	YES	NO	NO	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	NO	NO	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	NO	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	YES	YES	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	YES	YES	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	YES	YES	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	SEE NOTE	YES	NO	NO	SEE NOTE	SEE NOTE	YES	RI ALSE RADAR PULSE - The lab can functionally perform the test, but cannot meet 600V/m at 1m. They can test above 300 V/m.
YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	YES	YES	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	YES	YES	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	YES	YES	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	YES	YES	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	YES	YES	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	YES	YES	NO	NO	SEE NOTE	SEE NOTE	YES	16Nov2012: Lab has met requirements for reinstatement of recognition
YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	NO	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	

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Lab	Contact	Lab Type	LOCATION		
			Region	Country	State / City
Hitachi Automotive Products 34500 Grand River Avenue Farmington Hills, MI 48335 UNITED STATES OF AMERICA	Loren Dunn 248.473.6757 Loren.Dunn@hitachi-automotive.us	Supplier	North America	United States	Michigan
Honeywell 11 West Spring Street Freeport, IL 61032 UNITED STATES OF AMERICA	John Modica 815.235.5871 john.modica@honeywell.com	Supplier	North America	United States	Illinois
International Technical Development Center of Adam Opel PKZ85-70 Abladestelle 92 Rüsselsheim 65428 GERMANY	Martin Wagner +49 (0) 6142-7-71767 martin.wagner@de.opel.com	Commercial	Europe	Germany	Rüsselsheim
Intertek Entela - Shanghai Building T52-8, No. 1201 Gui Qiao Road Jinqiao Development Area Pudong District Shanghai, China 201206 P.R. of CHINA	Howell Lu (86) 215031 9089 ext 314 howell.lu@intertek.com	Commercial	Asia	China	Shanghai
IPS Corporation - Tokai EMC Center 36-1, Nishishinkiri, Anjo-shi, Aichi-ken 444-1211 JAPAN	Mitsuo Kalyama auto@ips-emc.co.jp Lab: Ph: 81 566 79 2501 Fx: 81 566 79 2502	Commercial	Asia	Japan	Aichi-ken
Johnson Controls 915 East 32nd Street Holland, MI 49423 UNITED STATES OF AMERICA	Brian Ransler	Supplier	North America	United States	Michigan
Korea Automotive Technology Institute (KATECH) EMI/EMC R&D Center 303 Pungse-ro, Pungse-myeon, Dongnam-gu Cheonan-si, Chungnam 330-912 KOREA	Beom-Jin (BJ) Choi Ph: +82-41-559-3313 Email: bjchoi@katech.re.kr	Commercial	Asia	Korea	Chungnam
KEC Electronic Industry Development Center (KEC) 3-2-2 Hikari-dai, Seika-cho, Soraku-gun Kyoto, 619-0237 JAPAN	Kenji Masoaka 81-774-93-4563 masoaka@kec.jp	Commercial	Asia	Japan	Kyoto
LG Electronics Inc. 322 Gyeongmyeong-daero Seo-gu, Incheon 404-170 SOUTH KOREA	Tae-Young Choi 82-32-723-0696 taeyoung.choi@lge.com www.lg.com	Supplier	Asia	South Korea	Incheon
Mbtech EMC GmbH Heerstrasse 100 D-71332 Waiblingen GERMANY	Martin Herriegel 49 7151 958440 martin.herriegel@mbtech-group.com	Commercial	Europe	Germany	Waiblingen
CSA Group Bayern GmbH (formerly Mkes Testing Partners) Ohmstrasse 1-4 94342 Stasskirchen GERMANY	Gerald Fischer +49 9424 9481506 gerald.fischer@csagroup.org www.csagroup-bayern.org	Commercial	Europe	Germany	Strasskirchen
HORIBA MIRA Ltd Watling Street, CV10 0TU UNITED KINGDOM	Mark Emery +44 (0) 247635 5286 mark.emery@horiba-mira.com	Commercial	Europe	United Kingdom	Warwickshire
Mooser Consulting GmbH Amtmannstrasse 5 D-82544 Egling/Thanning GERMANY	Jakob Mooser 49 8176 92250 j.mooser@mooser-consulting.de	Commercial	Europe	Germany	Egling / Thanning
Mooser EMC Technik GmbH Osterholzallee 140.3 71636 Ludwigsburg GERMANY	Jakob Mooser 49 8176 92250 j.mooser@mooser-consulting.de	Commercial	Europe	Germany	Ludwigsburg
MOVON #194-1, Geumeo-ri, Pogak-myeon Yongin-si, Gyeonggi-do SOUTH KOREA	Justin Jang 82-31-338-8862 justin.jang@movon.co.kr	Commercial	Asia	South Korea	Gyeonggi-do
NEXTEER EMC LAB 915 South Niagara Street Saginaw, MI UNITED STATES OF AMERICA	William Demaray (989) 797-0172 william.demaray@nexteer.com	Supplier	North America	United States	Michigan
Nidec Automotive Motor Americas 1800 Opdyke Ct. Auburn Hills, MI 48326 UNITED STATES	Dr. John Suriano 915-774-2450 ext 1133 john.suriano@nidec.com	Supplier	North America	United States	Michigan
NIPPON SEIKI CO., LTD. NS EMC Test Lab 2-34 Higashi-Zaoh 2-chome, Nagakoa-Shi Niigata 940 8580, JAPAN	Mr. Kazuyuki Hayakawa	Supplier	Asia	Japan	Niigata
OMRON 3709 Ohio Street St. Charles, IL 60174 UNITED STATES OF AMERICA	John Kibler (630) 443-6800 ext. 492 John.Kibler@omron.com	Supplier	North America	United States	Illinois

GMW 3097 EMC Test Procedure (*)											Notes
3.3.1	3.3.2	3.4.1	3.4.2	3.4.2	3.4.3	3.4.4	3.4.5	3.5.1,2,4,5,6	3.5.3	3.6	
RE	CE-V	BCI SUB	RI ALSE NON - RADAR	RI ALSE RADAR	RI Reverb MT	RI Near Field Portable Transmitter	RI Magnetic Fields	CI Power Line and I/O Transients	CI Coupling Clamp	ESD	
YES	YES	YES	NO	NO	YES	NO	NO	SEE NOTE	SEE NOTE	YES	
NO	NO	YES	NO	NO	NO	NO	NO	SEE NOTE	SEE NOTE	SEE NOTE	ESD - Handling Test Only
YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	Moved from Nagano
YES	YES	YES	NO	NO	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	SEE NOTE	NO	NO	NO	SEE NOTE	SEE NOTE	YES	RI ALSE RADAR PULSE 600V/m @ 0.5m, Sig-Gen level used as the substitution parameter.
NO	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	The lab is working to attain RE recognition.
YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	SEE NOTE	NO	NO	NO	SEE NOTE	SEE NOTE	YES	Laboratory is using a pulsed amplifier calibration is performed using an antenna, which is a deviation from ISO
YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	NO	NO	NO	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
NO	YES	YES	NO	NO	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
NO	NO	YES	NO	NO	NO	NO	NO	SEE NOTE	SEE NOTE	YES	

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Lab	Contact	Lab Type	LOCATION		
			Region	Country	State / City
Panasonic Automotive Systems Company of America 776 Highway 74 South Peachtree City, GA 30269 UNITED STATES OF AMERICA	Janet Joo 770 515 1443 Janet.Joo@us.panasonic.com	Supplier	North America	United States	Georgia
Panasonic Electric Works Analysis Center Co., Ltd. 1048 Kadoma Osaka, 571-8686 JAPAN	Yoshihiko Namba	Supplier	Asia	Japan	Osaka
PATAC No. 3999 Long Dong Avenue, Shanghai, P.R. of China, 201201 P.R. of CHINA	Yunxiu Xiang 86-21-50161456 yunxiu_xiang@patac.com.cn	Supplier	Asia	China	Shanghai
PHOENIX TEST-LAB GmbH Königswinkel 10 D-32825 Blomberg GERMANY	Frank Boye 49 5235 950 051 boye.frank@phoenix-testlab.de	Commercial	Europe	Germany	Blomberg
Radio Frequency Investigations, Ltd. Basingstoke Hampshire UNITED KINGDOM	Jozef Lomako	Supplier	Europe	United Kingdom	Hampshire
Reliable Analysis - Shanghai No. 12A, Lane 1365, Kang Qiao Road East Shanghai, P.R. of China, 201319 P.R. of CHINA	Victor Wen Tel : +86-21-68183293 ext 263 Mobile : +86-18721687937 Fax : +86-21-68183295 E-mail : vwen@ralab.com.cn	Commercial	Asia	China	Shanghai
Robert Bosch 15000 North Haggerty Rd. Plymouth, MI 48170 UNITED STATES OF AMERICA	Brian Shortridge 734.979.3126 Brian.Shortridge@US.Bosch.com	Supplier	North America	United States	Michigan
Robert Bosch GmbH Automotive Electronics Department AE/EMC1 Robert-Bosch-Str. 2 71701 Schwieberdingen GERMANY	Stefan Burger +49 711 811-38855 stefan.burger@de.bosch.com	Supplier	Europe	Germany	Schwieberdingen
SGS Testing Korea 18-34 Sanbon-dong, Gunpo, Gyeonggi-do, South Korea,435-040	Elan Lee +82-31-687-8221 elan.lee@sgs.com	Commercial	Asia	South Korea	Gyeonggi-do
SIMT 716 Yi Shan Road Shanghai, China, 200233	Justin Ma (Ma Xin) +86 13564571634 max@simt.com.cn	Commercial	Asia	China	Shanghai
SL CORPORATION CENTRAL TEST LABORATORY South Korea Gyeongsangbuk-do Gyeongsan-si Jillyang-eup Sinsang-ri 1208-6	Se Min Park 82-53-8508731 psmin@sl.co.kr	Supplier	Asia	South Korea	Kyungbuk
TK Holdings, Inc (Takata) 2600 Centerpoint Parkway Pontiac, Michigan 48341 UNITED STATES OF AMERICA	Ronald J Martindale Technical Service Manager 248-451-4226 Ron.Martindale@takata.com	Supplier	North America	United States	Michigan
TDK Corporation EMC Center 2-15-7 Higashi-Owada Ichikawa-Shi Chiba-ken 272-8558 JAPAN	Stephen Umemura	Supplier	Asia	Japan	Ichikawa
Trialon Corporation 1465 Walli Strasse Blvd. Burton, MI 48509 UNITED STATES OF AMERICA	Paul Krug 810.341.7931 pkrug@trialon.com	Commercial	North America	United States	Michigan
ZF TRW Global Electronics – Validation Laboratory 24175 Research Drive Farmington Hills, MI 48335-2642 UNITED STATES OF AMERICA	Alex Simonov 248.699.4269 Alex.Simonov@TRW.COM	Supplier	North America	United States	Michigan
ZF TRW Automotive-Validation Laboratory (Satellite Lab to the Farmington Facility) 12075 Tech Center Drive Livonia, MI 48150 UNITED STATES OF AMERICA	Alex Simonov 248.699.4269 Alex.Simonov@TRW.COM	Supplier	North America	United States	Michigan
TRW Automotive Electronics & Components GmbH & Co.KG Industriestrasse 2-8 D-78315 Radolfzell GERMANY	Peter Volkwein peter.volkwein@trw.com	Commercial	Europe	Germany	Radolfzell
TRW BCS CTL EMC Laboratory 5676 Industrial Park Road Winona, MN 55987 UNITED STATES OF AMERICA	Doug Bastian	Supplier	North America	United States	Minnesota

GMW 3097 EMC Test Procedure (*)											Notes
3.3.1	3.3.2	3.4.1	3.4.2	3.4.2	3.4.3	3.4.4	3.4.5	3.5.1,2,4,5,6	3.5.3	3.6	
RE	CE-V	BCI SUB	RI ALSE NON - RADAR	RI ALSE RADAR	RI Reverb MT	RI Near Field Portable Transmitter	RI Magnetic Fields	CI Power Line and I/O Transients	CI Coupling Clamp	ESD	
YES	YES	YES	NO	NO	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	NO	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	NO	NO	NO	NO	NO	NO	NO	SEE NOTE	SEE NOTE	NO	
YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	NO	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	SEE NOTE	NO	NO	NO	SEE NOTE	SEE NOTE	YES	Laboratory is using a pulsed amplifier calibration is performed using an antenna, which is a deviation from ISO
YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
NO	NO	See Note	NO	NO	NO	NO	NO	YES	YES	YES	BCI Thresholding performed via frequency band re-run at 1dB increments following individual thresholding during test. Limits of CWS 500 D (BCI in a Box).
YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	NO	YES	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	NO	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	NO	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
NO	NO	YES	NO	NO	NO	NO	NO	SEE NOTE	SEE NOTE	YES	

GENERAL MOTORS LIST OF RECOGNIZED EMC LABORATORIES

Lab	Contact	Lab Type	LOCATION		
			Region	Country	State / City
TRW Conekt Stratford Road Solihull West Midlands, B90 4GW UNITED KINGDOM	Phil Allinson +44 1216273685 phil.allinson@trw.com	Commercial	Europe	United Kingdom	Solihull
TUV SUD America - Plymouth (formerly EST Testing Solutions) 47523 Clipper Street Plymouth, MI 48170-2470 UNITED STATES OF AMERICA	Steve English 734.455.4841 senglish@tuvam.com	Commercial	North America	United States	Michigan
Underwriters Laboratories 25175 Regency Drive (Unit 6) Novi, MI 48375 UNITED STATES OF AMERICA	Andrew Harding 248 427 5323 andrew.harding@ul.com	Commercial	North America	United States	Michigan
UL Japan, Inc. 1614 Mushihata Katori-shi, Chiba-ken 289-0341 JAPAN	Masaru Nakayama 81 478 82 0963 masaru.nakayama@ul.com	Commercial	Asia	Japan	Katori-shi
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GMW 3097 EMC Test Procedure (*)											Notes
3.3.1	3.3.2	3.4.1	3.4.2	3.4.2	3.4.3	3.4.4	3.4.5	3.5.1,2,4,5,6	3.5.3	3.6	
RE	CE-V	BCI SUB	RI ALSE NON - RADAR	RI ALSE RADAR	RI Reverb MT	RI Near Field Portable Transmitter	RI Magnetic Fields	CI Power Line and I/O Transients	CI Coupling Clamp	ESD	
YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	YES	YES	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	SEE NOTE	SEE NOTE	NO	NO	SEE NOTE	SEE NOTE	YES	RI ALSE RADAR PULSE - The lab can functionally perform the test, but cannot meet 600V/m at 1m. They can test above 300 V/m. RI REVERB MT - LIMITED APPROVAL for radar band <u>only</u> (1.2-1.4 GHz); this lab can achieve 600 V/m with this method. Non-radar frequency bands are NOT APPROVED using MT.
YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	NO	NO	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	YES	YES	NO	NO	NO	SEE NOTE	SEE NOTE	YES	No capability to perform CI testing... contract out work.
YES	YES	YES	YES	SEE NOTE	NO	NO	NO	SEE NOTE	SEE NOTE	YES	Lab can functionally perform radar pulse test using a pulsed amplifier, however, GMW3097 presently does not include provisions for the use of a pulsed amplifier.
YES	YES	YES	YES	NO	YES	NO	NO	SEE NOTE	SEE NOTE	YES	
YES	YES	YES	NO	NO	YES	NO	NO	SEE NOTE	SEE NOTE	YES	