EMISSIONS SUMMARY REPORT

Vehicle ID:	**X4XXX5644 / 052M077**	Test ID:	**X4XXX5644_US2XSP020719050801 / 1111011083**		
Test Req:	**082012190504−6**	Location:	CHRYSLER TECH CENTER		
Test Type:	**US06(2X) − using Split Bag US06**	Facility:	**Test Cell 7**	Start Time:	**05/08/2019 10:44:28**
Requestor:	**REDACTED**	Shift Sched.:	AUTO	Trace End:	**05/08/2019 11:05:59**
Driver:	**REDACTED**	Option(s):	Tailpipe modal &Bag	Inertia Weight:	6000
Operator:	**REDACTED**	Fuel Type:	MS10756	Road Load Coeff A:	13.77
Start Odometer:	88322	Fuel Anal.#:	10762	Road Load Coeff B:	.5116
AutoLoad File:	None	INCA Project File:	MY14WK_ConsentDecree_2.exp	Road Load Coeff C:	0.02400
Cell Temp Set Pt:	75	Altitude Set Pt(ft.):	930	Hum. Set Pt (Grains):	50.00
Test Segment:	3/3	Vehicle Desc.:	0.00 Grand CherBLACK	Emissions Standard:	Fed. BIN 5

Test Req. Purpose: Emissions baseline after application of AEM and 1000miles accumulated on MA.

Seq. Purpose: MY14 WK Baseline with AEM applied

Individual Cycles:(Grams/Mile) **Tailpipe:**

	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Cycle1	.0086	.0035	.0065	.0098	.0555	643.3	.0504	.0101	50.7	15.8245		.268
Cycle2	.0058	.0029	.0037	.0072	.0881	499.3	.0856	.0123	137.3	20.3910		1.016
Cycle3	.0040	.0021	.0025	.0063	.0541	366.7	.0499	.0105	604.3	27.7249		6.234
Cycle4	.0211	.0101	.0119	.0146	.1717	901.1	.1510	.0404	87.8	11.2929		.278
Cycle5	.0132	.0056	.0080	.0140	.8914	891.6	.8718	.2071	57.7	11.4071		.223

Modal Test Results:(Grams)

Phase: 1												
IDLE	.0009	.0003	.0007	.0003	.0002	17.5	.0000	.0000	11.6	.4064	0	
ACCEL	.0087	.0052	.0043	.0137	.2713	966.1	.2989	.0321	197.4	8.1078	0	
DECEL	.0074	.0024	.0056	.0031	.0794	145.0	.0380	.0405	124.5	71.1486	0	
TOTAL	.0170	.0079	.0106	.0171	.3509	1128.6	.3369	.0726	333.5		0	
Phase: 1	Equivalent Mass Results: (Grams/Mile)											
	.0095	**.0044**	**.0060**	**.0096**	**.1966**	**632.4**	**.1888**	**.0407**	**333.5**	**16.0998**	**0**	**1.785**
Phase: 2												
IDLE	.0002	.0001	.0002	.0001	.0000	4.0	.0000	.0000	2.4	.0000	0	
ACCEL	.0077	.0046	.0046	.0176	.2557	1065.2	.2340	.0555	241.1	18.1055	0	
CRUISE	.0103	.0051	.0067	.0173	.0678	988.2	.0659	.0078	256.5	31.4044	0	
DECEL	.0069	.0033	.0040	.0042	.0136	228.7	.0112	.0020	104.3	57.1625	0	
TOTAL	.0251	.0130	.0155	.0391	.3371	2286.1	.3111	.0653	604.3		0	
Phase: 2	Equivalent Mass Results: (Grams/Mile)											
	.0040	**.0021**	**.0025**	**.0063**	**.0541**	**366.7**	**.0499**	**.0105**	**604.3**	**27.7249**	**0**	**6.234**
Phase: 1A												
IDLE	.0004	.0001	.0003	.0002	.0000	8.0			4.7	.0000	0	
ACCEL	.0045	.0029	.0022	.0084	.0990	594.8			115.7	9.5454	0	
DECEL	.0033	.0009	.0030	.0014	.0053	76.8			67.7	95.9840	0	
TOTAL	.0082	.0039	.0055	.0100	.1043	679.6			188.0		0	
Phase: 1A	Equivalent Mass Results: (Grams/Mile)											

	.0064	**.0030**	**.0043**	**.0078**	**.0813**	**529.3**			**188.0**	**19.2347**	**0**	**1.284**
Phase: 1B												
IDLE	.0005	.0002	.0004	.0002	.0002	9.5			6.9	.7460	0	
ACCEL	.0042	.0023	.0021	.0054	.1723	371.3			81.8	5.7945	0	
DECEL	.0041	.0015	.0025	.0016	.0740	68.2			56.8	43.1069	0	
TOTAL	.0088	.0040	.0051	.0072	.2465	449.0			145.5		0	
Phase: 1B Equivalent Mass Results: (Grams/Mile)												
	.0176	**.0081**	**.0102**	**.0144**	**.4925**	**896.9**			**145.5**	**11.3434**	**0**	**.501**
Total Equivalent Mass Results:(Grams/Mile)												
	.0052	**.0026**	**.0033**	**.0070**	**.0858**	**425.8**	**.0808**	**.0172**	**937.8**	**23.8851**	**0**	**8.019**

CVS Mass Results: (Grams/Mile)

	HC	**CO**	**NOX**	**CO2**	**NMHC**	**CH4**	**NMHC+NOX**	**NMOG+NOX**	**HFID**	**Vol.MPG**
Phase: 1	.00093	.00752	.20227	668.216	.00000	.00177	.2023	.20227	0.00016	15.2329
Phase: 2	.00000	.00347	.05701	367.604	.00000	.00041	.0570	.05701	0.00000	27.6517
CVS Total Mass Results:(Grams/Mile)										
	.00021	**.00437**	**.08934**	**434.505**	**.00000**	**.00071**	**.0893**	**.08934**	**.00004**	**23.3927**

Drive Metrics:

CSI	**RMS**
−14.774	.355

SAE Drive Metrics:

	CED (J)	**CET (J)**	**ER**	**DistD (M)**	**DistT (M)**	**DistR**	**EER**	**ASCR**	**IWR**	**RMSSE (MPH)**
Phase: 1	4,572,660	4,591,000	−0.400	2,872.9	2,852.2	0.725	−1.129	−0.858	−0.346	0.6342
Phase: 2	10,079,900	10,300,100	−2.138	10,033.2	10,035.9	−0.028	−2.156	−6.765	−8.791	0.4080
Final:										
	14,652,500	**14,891,100**	**−1.602**	**12,906.1**	**12,888.2**	**0.139**	**−1.769**	**−2.729**	**−4.455**	**0.5089**

Test Validation: Valid: Invalid: Retest: Accept: NIC: system Date: 05/08/2019 11:27:07

Validator's Comments:

Test Options:

Option	**Description**
Induced Failure	
DHFID Hangup value	.005
Gain	.650

Constant Grade	.000
Diesel Regeneration Required	0
MINI DILUTER T/P DILUTION RATIO	8.720
Weighted Dilution factor	13.440
Soak Duration(Hrs)	1
Tailpipe Methane Response Factor	1.056
Bag Methane Response Factor	1.081
DHFID Methane Response Factor	1.113
Threshold	350
CVS K Coeff	539.114
Charging Type	CS
Template Emissions CAT	EPA
Trace Start Method	Flying
Pre Test Vehicle Temperature	Hot
Actual Driver	Human
CVS Venturi Selection	Medium
DynoGrade Type	None
Special Test Qualifications	None
OBD II Monitor	None Requested
Abort test on dead battery	Y
Abort Test on INCA Failure	Y
Augmented Braking	Y
Diesel Test	Y
Hybrid Test	Y
Inca Requirement	Y
Mule Vehicle to Park	Y
Road (Var.) Speed Fan required	Y
Rolls Requirement	Y
SAE Calculations Required	Y
Wrap Cursor	Y

Sequence Purpose
MY14 WK Baseline with AEM applied
Req Spcl Inst
Use 8 ft exhaust pipe and Extra cooling.
Connect DCAN Cable − Automatically setting ROLLS MODE!
Shift Comments
D| Dual Exhaust
Sampling Type List
None −− None −− DCVS , Diesel Tailpipe / Particulates − Single
Test Request Purpose
Emissions baseline after application of AEM and 1000miles accumulated on MA.