EMISSIONS SUMMARY REPORT

Vehicle ID:	**X5XXX3264 / 031M160**	Test ID:	**X5XXX3264_HWFE2X020719072701 / 1111012130**		
Test Req:	**082012190849−5**	Location:	CHRYSLER TECH CENTER		
Test Type:	**HWFE(2X)**	Facility:	**Test Cell 7**	Start Time:	**07/27/2019 08:47:43**
Requestor:	**REDACTED**	Shift Sched.:	AUTO	Trace End:	**07/27/2019 09:13:28**
Driver:	**REDACTED**	Option(s):	Tailpipe modal &Bag	Inertia Weight:	6000
Operator:	**REDACTED**	Fuel Type:	MS10756	Road Load Coeff A:	6.85
Start Odometer:	67202	Fuel Anal.#:	10762	Road Load Coeff B:	.1182
AutoLoad File:	None	INCA Project File:	X5XXX3264.exp	Road Load Coeff C:	0.03444
Cell Temp Set Pt:	75	Altitude Set Pt(ft.):	930	Hum. Set Pt (Grains):	50.00
Test Segment:	3/3	Vehicle Desc.:	0.00 1500 RAM GRAY	Emissions Standard:	Fed. BIN 5

Test Req. Purpose: Emissions baseline after applying AEM and accumulating 1000 miles on the SRC cycle.

Seq. Purpose: MY15 DS Baseline with AEM applied

Individual Cycles:(Grams/Mile) Tailpipe:

	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Cycle1	.0065	.0026	.0043	.0035	.0012	286.2	.0008	.0001	803.7	35.5774		10.259

Modal Test Results:(Grams)

Phase: 1												
ACCEL	.0202	.0087	.0127	.0109	.0063	876.9	.0048	.0004	229.4	11.6019	0	
CRUISE	.0269	.0109	.0181	.0150	.0045	1234.1	.0026	.0004	331.1	8.2454	0	
DECEL	.0078	.0028	.0057	.0030	.0004	260.9	.0001	.0000	96.8	38.9840	0	
STEADY	.0116	.0045	.0078	.0070	.0008	564.2	.0004	.0000	146.5	18.0405	0	
TOTAL	.0665	.0270	.0442	.0359	.0121	2936.1	.0079	.0008	803.7		0	
Phase: 1	Equivalent Mass Results: (Grams/Mile)											
	.0065	**.0026**	**.0043**	**.0035**	**.0012**	**286.2**	**.0008**	**.0001**	**803.7**	**35.5774**	**0**	**10.259**

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	CO2	NMHC	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.00252	.00117	.00126	275.170	.00000	.00247	.00126	0.00195	37.0021

Drive Metrics:

CSI	RMS
−1.446	.240

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	12,055,400	12,059,300	−0.032	16,513.4	16,507.4	0.036	−0.068	−3.169	−3.861	0.3388

Test Validation

Test Validation: Valid: Invalid: Retest: Accept: NIC: system Date: 07/27/2019 09:28:07

Validator's Comments:

Test Options:

Option	Description
Induced Failure	
DHFID Hangup value	.003
Gain	.650
Constant Grade	.000
Diesel Regeneration Required	0
MINI DILUTER T/P DILUTION RATIO	8.680
Weighted Dilution factor	9.800
Tailpipe Methane Response Factor	1.056
Bag Methane Response Factor	1.081
DHFID Methane Response Factor	1.113
Soak Duration(Hrs)	19
CVS K Coeff	254.900
Threshold	350
Trace Start Method	Crank (Pendant)
Charging Type	CS
Template Emissions CAT	EPA
Pre Test Vehicle Temperature	Hot
Actual Driver	Human
CVS Venturi Selection	Low
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
DbW Available	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

Sequence Purpose
MY15 DS Baseline with AEM applied
Engr. SpclInst
DiagRA data needs taken before and after each sequence
Req Spcl Inst
Connect DCAN Cable − Automatically setting ROLLS MODE!
Shift Comments
D| Dual Exhaust
Sampling Type List
None −− None −− DCVS , Diesel Tailpipe / Particulates − Multiple
Test Request Purpose
Emissions baseline after applying AEM and accumulating 1000 miles on the SRC cycle.