EMISSIONS SUMMARY REPORT

Vehicle ID:	**T4305PV55 / FGD8980**	Test ID:	**T4305PV55_US2XSP011620031901 / 578863032**		
Test Req:	**082011200505−1**	Location:	CHELSEA PROVING GROUNDS (Chrysler LLC)		
Test Type:	**US06(2X) − using Split Bag US06**	Facility:	**Test Cell 16**	Start Time:	**03/19/2020 13:07:35**
Requestor:	**REDACTED**	Shift Sched.:	AUTO	Trace End:	**03/19/2020 13:29:07**
Driver:	**REDACTED**	Option(s):	Tailpipe modal &Bag	Inertia Weight: (lbs)	5500
Operator:	**REDACTED**	Fuel Type:	MS10756	Road Load Coeff A:	23.60
Start Odometer:	87889	Fuel Anal.#:	10854	Road Load Coeff B:	.2534
AutoLoad File:	None	INCA Project File:	null	Road Load Coeff C:	0.02717
Cell Temp Set Pt:	75	Altitude Set Pt(ft.):	0	Hum. Set Pt (Grains):	50.00
Test Segment:	3/3	Vehicle Desc.:	0.00 WKJP74 Brilliant	Emissions Standard:	EPA
Test Req. Purpose:	14MY−T03.05PV CERT − IUVT Consent Decree (US06) retest due to REGEN on prior US06 3.0L WK A8 − Fed − MS10756 − BIN5				
Seq. Purpose:	IUVP − US06				

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

	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Cycle1	.0135	.0000	.0000	.0252	.0064	634.9	.0000	.0064	43.9	16.0227		.266
Cycle2	.0079	.0000	.0000	.0270	.0080	470.8	.0000	.0080	122.6	21.6014		1.020
Cycle3	.0042	.0000	.0000	.0130	.0047	364.1	.0000	.0047	527.4	27.9534		6.238
Cycle4	.0182	.0000	.0000	.0339	.0364	916.9	.0000	.0364	71.7	11.0956		.272
Cycle5	.0096	.0000	.0000	.0298	.1462	821.8	.0000	.1462	47.5	12.3782		.225

Modal Test Results:(Grams)

Phase: 1												
IDLE	.0007	.0000	.0000	.0011	.0003	11.9	.0000	.0003	10.1	.4288	0	
ACCEL	.0122	.0000	.0000	.0359	.0361	891.0	.0000	.0361	180.3	9.6719	0	
DECEL	.0058	.0000	.0000	.0131	.0163	179.8	.0000	.0163	95.3	52.9895	0	
TOTAL	.0188	.0000	.0000	.0501	.0527	1082.7	.0000	.0527	285.7		0	
Phase: 1	Equivalent Mass Results: (Grams/Mile)											
	.0105	**.0000**	**.0000**	**.0281**	**.0296**	**607.6**	**.0000**	**.0296**	**285.7**	**16.7343**	**0**	**1.782**
Phase: 2												
IDLE	.0002	.0000	.0000	.0002	.0001	3.1	.0000	.0001	2.2	1.9838	0	
ACCEL	.0097	.0000	.0000	.0324	.0140	1022.0	.0000	.0140	204.9	19.1258	0	
CRUISE	.0109	.0000	.0000	.0347	.0112	1001.0	.0000	.0112	228.9	31.0212	0	
DECEL	.0051	.0000	.0000	.0138	.0041	245.4	.0000	.0041	91.4	52.1761	0	
TOTAL	.0260	.0000	.0000	.0811	.0293	2271.4	.0000	.0293	527.4		0	
Phase: 2	Equivalent Mass Results: (Grams/Mile)											
	.0042	**.0000**	**.0000**	**.0130**	**.0047**	**364.1**	**.0000**	**.0047**	**527.4**	**27.9534**	**0**	**6.238**
Phase: 1A												
IDLE	.0003	.0000	.0000	.0005	.0001	6.0			4.2	.3387	0	
ACCEL	.0076	.0000	.0000	.0256	.0078	551.6			104.0	10.9759	0	
DECEL	.0037	.0000	.0000	.0081	.0021	91.1			58.2	77.0711	0	
TOTAL	.0117	.0000	.0000	.0342	.0099	648.7			166.4		0	

Modal Test Results

Phase: 1A Equivalent Mass Results: (Grams/Mile)

	.0091	**.0000**	**.0000**	**.0266**	**.0077**	**504.7**			**166.4**	**20.1471**	**0**	**1.285**
Phase: 1B												
IDLE	.0004	.0000	.0000	.0006	.0002	5.9			5.9	.5212	0	
ACCEL	.0046	.0000	.0000	.0103	.0284	339.4			76.2	7.5650	0	
DECEL	.0021	.0000	.0000	.0050	.0143	88.7			37.1	27.9510	0	
TOTAL	.0071	.0000	.0000	.0159	.0428	434.0			119.2		0	

Phase: 1B Equivalent Mass Results: (Grams/Mile)

	.0143	**.0000**	**.0000**	**.0321**	**.0862**	**873.8**			**119.2**	**11.6416**	**0**	**.497**

Total Equivalent Mass Results:(Grams/Mile)

	.0056	**.0000**	**.0000**	**.0164**	**.0102**	**418.2**	**.0000**	**.0102**	**813.1**	**24.3411**	**0**	**8.020**

CVS Mass Results: (Grams/Mile)

	HC	**CO**	**NOX**	**NMHC**	**CO2**	**CH4**	**NMHC+NOX**	**NMOG+NOX**	**HFID**	**Vol.MPG**
Phase: 1	.00442	.00735	.03511	.00098	636.269	.00471	.0361	.0361	0.00506	15.9989
Phase: 2	.00048	.00142	.00376	.00030	362.780	.00085	.0041	.0041	0.00105	28.0323

CVS Total Mass Results:(Grams/Mile)

	.00135	**.00274**	**.01073**	**.00045**	**423.549**	**.00171**	**.0112**	**.0112**	**.00194**	**23.9992**

Drive Metrics:

CSI	**RMS**
−18.902	.362

SAE Drive Metrics:

	CED (J)	**CET (J)**	**ER**	**DistD (M)**	**DistT (M)**	**DistR**	**EER**	**ASCR**	**IWR**	**RMSSE (MPH)**
Phase: 1	4,258,970	4,288,160	−0.681	2,869.3	2,852.2	0.600	−1.290	−1.466	−2.081	0.7152
Phase: 2	10,006,000	10,165,500	−1.568	10,038.4	10,035.9	0.025	−1.619	−7.329	−9.553	0.3324
Final:										
	14,265,000	**14,453,600**	**−1.305**	**12,907.7**	**12,888.1**	**0.152**	**−1.477**	**−3.324**	**−5.719**	**0.5176**

Test Validation: Valid: Invalid: Retest: Accept: NIC: system Date: 03/19/2020 13:54:47

Validator's Comments:

Test Options:

Option	**Description**
Gain	.650
Constant Grade	.000

Background Particles	.000
Background Particles for PN	.000
MINI DILUTER T/P DILUTION RATIO	8.380
Weighted Dilution factor	15.070
DHFID Hangup value	.000
Bag Methane Response Factor	1.000
DHFID Methane Response Factor	1.000
Tailpipe Methane Response Factor	1.000
Soak Duration(Hrs)	22
Threshold	350
CVS K Coeff	620.417
Charging Type	CS
Trace Start Method	Flying
CVS Venturi Selection	High
Pre Test Vehicle Temperature	Hot
Actual Driver	Human
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
Cert Mode	Y
Diesel Test	Y
Hybrid Test	Y
Mule Vehicle to Park	Y
Rolls Requirement	Y
SAE Calculations Required	Y
WLTP Fan Required	Y
Wrap Cursor	Y

Sequence Purpose
IUVP − US06
Req Spcl Inst
Use 8 ft exhaust pipe and Extra cooling.
System Comments
03/19/2020 13:35:06: Reported Bag NMHC is calculated, not from analyzer
Sampling Type List
None −− None −− DCVS , Diesel Tailpipe / Particulates − Single
Test Request Purpose
14MY−T03.05PV CERT − IUVT Consent Decree (US06) retest due to REGEN on prior US06 3.0L WK A8 − Fed − MS10756 − BIN5

The results in this report relate only to this specific test.