VEHICLE_ID	TEST_TYPE/ PEMS_ROUTE	START_ODOMETER [mi]	START_DATE	START_TIME	PHASE_NUMBER/ BAG_NUMBER / ROUTE_SEGMENT	GRAMS_PER_MILE_THC	GRAMS_PER_MILE_CO	GRAMS_PER_MILE_NOX	GRAMS_PER_MILE_CO2	GRAMS_PER_MILE_NMHC	GRAMS_PER_MILE_CH4	GRAMS_PER_MILE _NMOG+NOX	GRAMS_PER_MILE_N2O
IUG2 Vehicle #3					Phase 1	0.093	0.192	0.127	415.70	0.043	0.054	0.169	0.017
IUG2 Vehicle #3					Phase 2	0.023	0.011	0.002	342.01	0.015	0.008	0.017	0.017
IUG2 Vehicle #3					Phase 3	0.027	0.028	0.029	322.07	0.012	0.016	0.041	0.018
IUG2 Vehicle #3	**FTP75**	**105695**	**06/14/22**	**09:21:53**	**Total / Weighted Results**	**0.038**	**0.053**	**0.035**	**351.80**	**0.020**	**0.020**	**0.055**	**0.017**
IUG2 Vehicle #3					Phase 2	0.008	0.007	0.001	229.41	0.007	0.001	0.008	0.006
IUG2 Vehicle #3	**HWFET**	**105706**	**06/14/22**	**10:31:21**	**Total / Weighted Results**	**0.008**	**0.007**	**0.001**	**229.41**	**0.007**	**0.001**	**0.008**	**0.006**
IUG2 Vehicle #3					Phase 1	0.089	0.138	0.129	423.88	0.039	0.054	0.167	0.022
IUG2 Vehicle #3					Phase 2	0.021	0.012	0.008	351.88	0.014	0.009	0.021	0.024
IUG2 Vehicle #3					Phase 3	0.020	0.009	0.018	318.62	0.009	0.012	0.027	0.023
IUG2 Vehicle #3	**FTP75**	**105761**	**06/15/22**	**07:21:45**	**Total / Weighted Results**	**0.035**	**0.037**	**0.035**	**357.65**	**0.018**	**0.019**	**0.053**	**0.023**
IUG2 Vehicle #3					Phase 2	0.008	0.006	0.008	232.89	0.008	0.001	0.016	0.012
IUG2 Vehicle #3	**HWFET**	**105772**	**06/15/22**	**08:27:44**	**Total / Weighted Results**	**0.008**	**0.006**	**0.008**	**232.89**	**0.008**	**0.001**	**0.016**	**0.012**
IUG2 Vehicle #3					Phase 2	0.007	0.008	0.005	354.77	0.006	0.001	0.011	0.016
IUG2 Vehicle #3	**US06**	**105792**	**06/15/22**	**09:19:07**	**Total / Weighted Results**	**0.007**	**0.008**	**0.005**	**354.77**	**0.006**	**0.001**	**0.011**	**0.016**
IUG2 Vehicle #3					Phase 1	0.093	0.173	0.113	413.69	0.038	0.059	0.151	0.019
IUG2 Vehicle #3					Phase 2	0.022	0.011	0.003	350.95	0.013	0.010	0.016	0.020
IUG2 Vehicle #3					Phase 3	0.025	0.030	0.016	322.81	0.011	0.015	0.027	0.023
IUG2 Vehicle #3	**FTP75**	**105816**	**06/16/22**	**07:03:02**	**Total / Weighted Results**	**0.037**	**0.050**	**0.030**	**356.22**	**0.018**	**0.021**	**0.047**	**0.021**
IUG2 Vehicle #3					Phase 2	0.007	0.007	0.002	236.43	0.006	0.001	0.008	0.009
IUG2 Vehicle #3	**HWFET**	**105827**	**06/16/22**	**08:10:39**	**Total / Weighted Results**	**0.007**	**0.007**	**0.002**	**236.43**	**0.006**	**0.001**	**0.008**	**0.009**
IUG2 Vehicle #3					Phase 2	0.007	0.008	0.011	358.36	0.006	0.001	0.017	0.014
IUG2 Vehicle #3	**US06**	**105848**	**06/16/22**	**09:02:38**	**Total / Weighted Results**	**0.007**	**0.008**	**0.011**	**358.36**	**0.006**	**0.001**	**0.017**	**0.014**
IUG2 Vehicle #3					Phase 1	0.085	0.193	0.114	420.52	0.034	0.054	0.148	0.019
IUG2 Vehicle #3					Phase 2	0.020	0.011	0.002	356.80	0.012	0.010	0.014	0.020
IUG2 Vehicle #3					Phase 3	0.019	0.010	0.028	324.91	0.008	0.012	0.036	0.019
IUG2 Vehicle #3	**FTP75**	**105871**	**06/17/22**	**07:15:19**	**Total / Weighted Results**	**0.034**	**0.048**	**0.033**	**361.24**	**0.015**	**0.020**	**0.048**	**0.019**
IUG2 Vehicle #3					Phase 2	0.006	0.008	0.001	234.09	0.006	0.001	0.006	0.008
IUG2 Vehicle #3	**HWFET**	**105882**	**06/17/22**	**08:18:30**	**Total / Weighted Results**	**0.006**	**0.008**	**0.001**	**234.09**	**0.006**	**0.001**	**0.006**	**0.008**
IUG2 Vehicle #3					Phase 2	0.006	0.009	0.014	356.21	0.006	0.001	0.019	0.015
IUG2 Vehicle #3	**US06**	**105903**	**06/17/22**	**09:09:37**	**Total / Weighted Results**	**0.006**	**0.009**	**0.013**	**356.21**	**0.006**	**0.001**	**0.019**	**0.015**
IUG2 Vehicle #3					Phase 1	0.073	0.176	0.125	412.96	0.021	0.051	0.145	0.017
IUG2 Vehicle #3					Phase 2	0.009	0.012	0.003	350.76	0.000	0.009	0.003	0.017
IUG2 Vehicle #3					Phase 3	0.009	0.012	0.001	346.57	0.000	0.010	0.001	0.017
IUG2 Vehicle #3					Phase 4	0.008	0.011	0.001	338.13	0.000	0.008	0.001	0.017
IUG2 Vehicle #3					Phase 5	0.009	0.012	0.002	342.97	0.000	0.008	0.002	0.017
IUG2 Vehicle #3					Phase 6	0.008	0.013	0.003	337.90	0.000	0.008	0.003	0.018
IUG2 Vehicle #3					Phase 7	0.008	0.012	0.003	341.32	0.000	0.008	0.003	0.018
IUG2 Vehicle #3	**Special Cycle A - Cold**	**105950**	**06/23/22**	**07:17:20**	**Total / Weighted Results**	**0.017**	**0.034**	**0.019**	**352.32**	**0.003**	**0.014**	**0.021**	**0.017**
IUG2 Vehicle #3					Phase 3	0.002	0.013	0.004	305.47	0.000	0.002	0.004	0.022
IUG2 Vehicle #3					Phase 4	0.008	0.018	0.002	340.31	0.000	0.007	0.002	0.026
IUG2 Vehicle #3					Phase 5	0.009	0.015	0.002	345.64	0.000	0.010	0.002	0.021
IUG2 Vehicle #3					Phase 6	0.010	0.017	0.002	346.76	0.000	0.010	0.002	0.019
IUG2 Vehicle #3					Phase 7	0.011	0.013	0.003	348.21	0.000	0.011	0.003	0.018
IUG2 Vehicle #3					Phase 8	0.010	0.015	0.005	349.18	0.000	0.011	0.005	0.018
IUG2 Vehicle #3					Phase 9	0.010	0.017	0.004	346.09	0.000	0.010	0.004	0.018
IUG2 Vehicle #3	**Special Cycle A - Hot**	**105977**	**06/23/22**	**09:35:35**	**Total / Weighted Results**	**0.009**	**0.015**	**0.003**	**340.59**	**0.000**	**0.009**	**0.003**	**0.020**
IUG2 Vehicle #3	Transfer LATC to L.A. Downtown / DT0	106072	06/29/22	10:40:00	DT0	0.015	0.099	0.061	304.37	0.015	0.000	0.076	
IUG2 Vehicle #3	Urban Downtown L.A. Route/ DT1	106090	06/29/22	11:05:00	DT1	0.006	0.011	0.038	420.71	0.006	0.000	0.045	
IUG2 Vehicle #3	**PEMS Urban/Downtown L.A. Route**				**Total / Weighted Results**	**0.011**	**0.058**	**0.051**	**358.24**	**0.011**	**0.000**	**0.062**	
IUG2 Vehicle #3	Transfer LATC to ARB / Combined Route-A0	106124	06/30/22	10:18:00	A0	0.017	0.085	0.040	277.20	0.017	0.000	0.057	
IUG2 Vehicle #3	Freeway East / Combined Route-A1	106148	06/30/22	11:53:00	A1	0.002	0.004	0.035	276.18	0.001	0.000	0.037	
IUG2 Vehicle #3	Uphill / Combined Route-A2	106176	06/30/22	11:22:00	A2	0.004	0.002	0.137	539.44	0.004	0.000	0.141	
IUG2 Vehicle #3	Downhill / Combined Route-B1	106193	06/30/22	11:59:00	B1	0.032	0.126	0.049	168.25	0.032	0.001	0.081	
IUG2 Vehicle #3	Freeway West / Combined Route-B2	106210	06/30/22	12:32:00	B2	0.002	0.002	0.025	241.71	0.002	0.000	0.026	
IUG2 Vehicle #3	**PEMS Combined Route**				**Total / Weighted Results**	**0.010**	**0.040**	**0.051**	**290.09**	**0.010**	**0.000**	**0.061**	

Emissions sample table is an enhancement to Appendix B, 4.a.vi

	Bag Results (g/mi)	Second-by-second modal emissions concentration in PPM (undiluted modal)
THC[1]	✓	✓
CO	✓	✓
NOx	✓	✓
CO2	✓	✓
NMHC[2]	✓	
CH4	✓	
N2O	✓	
NMOG[3]+NOx	✓	

1: *per CFR Title 40 Part 86 Subpart B 110-94 (a)(2) and (3) for FTP and SFTP cycles, THC is an integrated measurement for the sample. For Special Cycle-A tests, THC is sampled directly from the bag.*
2: *NMHC is calculated based on THC - CH4. See comment 1 regarding THC. For PEMS testing, NMHC is calculated as: NMHC= 0.98xTHC.*
3: *For diesel vehicles, NMOG shall mean non-methane hydrocarbons and shall be measured in accordance with Part B (Determination of NMHC Emissions by Flame Ionization Detection) of the "California Non-Methane Organic Gas Test Procedures."*