

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
IUG5 Vehicle #2					Phase 2	0.005	0.005	0.001	224.28	0.002	0.003	0.003	0.011
IUG5 Vehicle #2	HWFET	104511	09/17/25	16:43:53	Total / Weighted Results	0.005	0.005	0.001	224.28	0.002	0.003	0.003	0.011
IUG5 Vehicle #2					Phase 2	0.003	0.006	0.004	363.25	0.001	0.003	0.005	0.013
IUG5 Vehicle #2	US06	104532	09/17/25	17:52:26	Total / Weighted Results	0.003	0.006	0.004	363.25	0.001	0.003	0.005	0.013
IUG5 Vehicle #2					Phase 1	0.085	0.465	0.142	462.21	0.052	0.034	0.194	0.018
IUG5 Vehicle #2					Phase 2	0.010	0.010	0.001	423.06	0.000	0.011	0.001	0.017
IUG5 Vehicle #2					Phase 3	0.027	0.007	0.036	362.92	0.005	0.023	0.041	0.015
IUG5 Vehicle #2	FTP75	104556	09/18/25	18:17:15	Total / Weighted Results	0.030	0.104	0.040	414.67	0.012	0.019	0.052	0.017
IUG5 Vehicle #2					Phase 2	0.005	0.005	0.000	222.38	0.002	0.003	0.002	0.010
IUG5 Vehicle #2	HWFET	104567	09/18/25	19:41:33	Total / Weighted Results	0.005	0.005	0.000	222.38	0.002	0.003	0.002	0.010
IUG5 Vehicle #2					Phase 2	0.003	0.006	0.002	361.10	0.000	0.003	0.003	0.013
IUG5 Vehicle #2	US06	104588	09/18/25	20:44:39	Total / Weighted Results	0.003	0.006	0.002	361.10	0.000	0.003	0.003	0.013
IUG5 Vehicle #2					Phase 1	0.076	0.424	0.157	442.74	0.046	0.031	0.203	0.018
IUG5 Vehicle #2					Phase 2	0.014	0.010	0.001	371.83	0.000	0.015	0.001	0.016
IUG5 Vehicle #2					Phase 3	0.028	0.006	0.044	351.72	0.007	0.022	0.051	0.015
IUG5 Vehicle #2	FTP75	104612	09/19/25	12:49:06	Total / Weighted Results	0.031	0.095	0.045	381.01	0.011	0.020	0.057	0.016
IUG5 Vehicle #2					Phase 2	0.007	0.005	0.000	221.28	0.004	0.003	0.005	0.010
IUG5 Vehicle #2	HWFET	104623	09/19/25	14:09:30	Total / Weighted Results	0.007	0.005	0.000	221.28	0.004	0.003	0.005	0.010
IUG5 Vehicle #2					Phase 1	0.081	0.463	0.161	456.09	0.053	0.030	0.214	0.018
IUG5 Vehicle #2					Phase 2	0.015	0.009	0.001	381.20	0.001	0.014	0.002	0.018
IUG5 Vehicle #2					Phase 3	0.028	0.006	0.035	349.69	0.008	0.021	0.043	0.015
IUG5 Vehicle #2	FTP75	104651	09/24/25	17:54:57	Total / Weighted Results	0.032	0.103	0.044	388.08	0.013	0.020	0.057	0.017
IUG5 Vehicle #2					Phase 2	0.005	0.005	0.000	222.17	0.002	0.003	0.002	0.010
IUG5 Vehicle #2	HWFET	104662	09/24/25	19:19:49	Total / Weighted Results	0.005	0.005	0.000	222.17	0.002	0.003	0.002	0.010
IUG5 Vehicle #2					Phase 2	0.005	0.006	0.000	229.74	0.002	0.003	0.003	0.009
IUG5 Vehicle #2	HWFET	104757	09/26/25	15:44:22	Total / Weighted Results	0.005	0.006	0.000	229.74	0.002	0.003	0.003	0.009
IUG5 Vehicle #2					Phase 2	0.003	0.006	0.014	361.97	0.000	0.003	0.014	0.011
IUG5 Vehicle #2	US06	104778	09/26/25	16:52:21	Total / Weighted Results	0.003	0.006	0.014	361.97	0.000	0.003	0.014	0.011
IUG5 Vehicle #2					Phase 1	0.080	0.522	0.160	464.54	0.051	0.030	0.211	0.019
IUG5 Vehicle #2					Phase 2	0.013	0.009	0.003	404.56	0.003	0.010	0.006	0.017
IUG5 Vehicle #2					Phase 3	0.014	0.008	0.003	359.93	0.003	0.012	0.005	0.016
IUG5 Vehicle #2					Phase 4	0.017	0.008	0.004	357.92	0.003	0.015	0.007	0.016
IUG5 Vehicle #2					Phase 5	0.017	0.010	0.006	360.89	0.003	0.014	0.009	0.016
IUG5 Vehicle #2					Phase 6	0.016	0.008	0.006	354.30	0.002	0.015	0.008	0.017
IUG5 Vehicle #2					Phase 7	0.017	0.009	0.006	355.74	0.002	0.015	0.008	0.016
IUG5 Vehicle #2	Special Cycle A - Cold	104802	09/30/25	15:06:53	Total / Weighted Results	0.024	0.078	0.025	378.86	0.009	0.016	0.035	0.017
IUG5 Vehicle #2					Phase 2	0.005	0.009	0.007	316.76	0.001	0.004	0.008	0.016
IUG5 Vehicle #2					Phase 3	0.015	0.012	0.012	354.22	0.003	0.012	0.016	0.019
IUG5 Vehicle #2					Phase 4	0.016	0.011	0.012	354.06	0.002	0.014	0.015	0.017
IUG5 Vehicle #2					Phase 5	0.016	0.011	0.014	353.83	0.002	0.015	0.016	0.016
IUG5 Vehicle #2					Phase 6	0.016	0.011	0.016	356.29	0.002	0.015	0.018	0.016
IUG5 Vehicle #2					Phase 7	0.017	0.012	0.017	354.93	0.002	0.016	0.019	0.017
IUG5 Vehicle #2					Phase 8	0.017	0.011	0.017	358.25	0.003	0.015	0.020	0.016
IUG5 Vehicle #2	Special Cycle A - Hot	104829	09/30/25	17:13:21	Total / Weighted Results	0.015	0.011	0.014	350.06	0.002	0.013	0.016	0.017
IUG5 Vehicle #2	Transfer LATC to L.A. Downtown / DT0	104907	10/07/25	10:04:00	DT0	0.023	0.412	0.082	319.21	0.022	0.001	0.104	
IUG5 Vehicle #2	Urban Downtown L.A. Route/ DT1	104926	10/07/25	10:30:00	DT1	0.010	0.497	0.089	522.20	0.010	0.001	0.099	
IUG5 Vehicle #2	PEMS Urban/Downtown L.A. Route				Total / Weighted Results	0.017	0.451	0.085	412.63	0.017	0.001	0.101	
IUG5 Vehicle #2	Transfer LATC to ARB / Combined Route-A0	104960	10/08/25	09:12:00	A0	0.027	0.428	0.067	307.36	0.026	0.001	0.094	
IUG5 Vehicle #2	Freeway East / Combined Route-A1	104984	10/08/25	09:48:00	A1	0.005	0.263	0.055	298.80	0.005	0.001	0.060	
IUG5 Vehicle #2	Uphill / Combined Route-A2	105012	10/08/25	10:17:00	A2	0.003	0.473	0.091	577.17	0.003	0.001	0.095	
IUG5 Vehicle #2	Downhill / Combined Route-B1	105029	10/08/25	10:52:00	B1	0.037	0.314	0.081	172.19	0.036	0.001	0.116	
IUG5 Vehicle #2	Freeway West / Combined Route-B2	105047	10/08/25	11:26:00	B2	0.007	0.198	0.056	238.59	0.006	0.001	0.062	
IUG5 Vehicle #2	PEMS Combined Route				Total / Weighted Results	0.015	0.321	0.067	307.41	0.014	0.001	0.081	

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.”