

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 #1	Transfer LATC to L.A. Downtown / DT0	103871	03/24/23	09:32:00	DT0	0.033	0.306	0.042	326.07	0.033	0.001	0.074	
IUG5 Vehicle #1	Urban Downtown L.A. Route/ DT1	103889	03/24/23	09:58:00	DT1	0.013	0.291	0.005	449.51	0.013	0.000	0.019	
IUG5 Vehicle #1	PEMS Urban/Downtown L.A. Route				Total / Weighted Results	0.024	0.299	0.025	382.90	0.024	0.001	0.049	
IUG5 Vehicle #1	Transfer LATC to ARB / Combined Route-A0	103923	03/28/23	09:05:00	A0	0.031	0.305	0.024	301.77	0.031	0.001	0.054	
IUG5 Vehicle #1	Freeway East / Combined Route-A1	103948	03/28/23	09:45:00	A1	0.004	0.172	0.004	299.12	0.004	0.000	0.007	
IUG5 Vehicle #1	Uphill / Combined Route-A2	103975	03/28/23	10:15:00	A2	0.001	0.346	0.008	565.82	0.001	0.000	0.009	
IUG5 Vehicle #1	Downhill / Combined Route-B1	103992	03/28/23	10:48:00	B1	0.017	0.179	0.038	186.21	0.016	0.000	0.054	
IUG5 Vehicle #1	Freeway West / Combined Route-B2	104010	03/28/23	11:16:00	B2	0.007	0.216	0.027	303.60	0.007	0.000	0.034	
IUG5 Vehicle #1	PEMS Combined Route				Total / Weighted Results	0.012	0.238	0.019	322.84	0.012	0.000	0.031	
IUG5 Vehicle #1					Phase 1	0.116	0.443	0.089	459.18	0.078	0.039	0.166	0.023
IUG5 Vehicle #1					Phase 2	0.027	0.007	0.000	383.26	0.007	0.021	0.007	0.023
IUG5 Vehicle #1					Phase 3	0.034	0.004	0.016	351.38	0.008	0.026	0.024	0.017
IUG5 Vehicle #1	FTP75	104098	04/05/23	07:15:02	Total / Weighted Results	0.047	0.096	0.023	390.22	0.022	0.026	0.045	0.021
IUG5 Vehicle #1					Phase 2	0.007	0.006	0.000	218.07	0.002	0.005	0.002	0.013
IUG5 Vehicle #1	HWFET	104109	04/05/23	08:25:15	Total / Weighted Results	0.007	0.006	0.000	218.07	0.002	0.005	0.002	0.013
IUG5 Vehicle #1					Phase 2	0.006	0.005	0.000	349.55	0.002	0.003	0.003	0.013
IUG5 Vehicle #1	US06	104130	04/05/23	09:25:19	Total / Weighted Results	0.006	0.005	0.000	349.55	0.002	0.004	0.003	0.013
IUG5 Vehicle #1					Phase 2	0.006	0.005	0.001	215.33	0.002	0.005	0.002	0.018
IUG5 Vehicle #1	HWFET	104207	04/06/23	08:11:39	Total / Weighted Results	0.006	0.005	0.001	215.33	0.002	0.005	0.002	0.018
IUG5 Vehicle #1					Phase 2	0.005	0.004	0.001	342.00	0.002	0.003	0.004	0.019
IUG5 Vehicle #1	US06	104228	04/06/23	09:15:57	Total / Weighted Results	0.005	0.005	0.001	342.00	0.002	0.003	0.003	0.019
IUG5 Vehicle #1					Phase 1	0.130	0.381	0.098	417.53	0.095	0.036	0.193	0.024
IUG5 Vehicle #1					Phase 2	0.029	0.008	0.001	361.58	0.006	0.023	0.007	0.025
IUG5 Vehicle #1					Phase 3	0.032	0.004	0.014	337.76	0.008	0.025	0.022	0.019
IUG5 Vehicle #1	FTP75	104259	04/07/23	07:14:10	Total / Weighted Results	0.051	0.084	0.025	366.60	0.025	0.026	0.050	0.023
IUG5 Vehicle #1					Phase 2	0.006	0.004	0.000	215.93	0.002	0.005	0.002	0.014
IUG5 Vehicle #1	HWFET	104271	04/07/23	08:17:06	Total / Weighted Results	0.006	0.004	0.000	215.93	0.002	0.005	0.002	0.014
IUG5 Vehicle #1					Phase 2	0.005	0.004	0.000	339.43	0.001	0.003	0.002	0.014
IUG5 Vehicle #1	US06	104291	04/07/23	09:06:50	Total / Weighted Results	0.005	0.004	0.001	339.43	0.001	0.004	0.002	0.014
IUG5 Vehicle #1					Phase 1	0.130	0.392	0.100	407.27	0.092	0.039	0.192	0.023
IUG5 Vehicle #1					Phase 2	0.033	0.007	0.000	357.23	0.006	0.027	0.007	0.025
IUG5 Vehicle #1					Phase 3	0.034	0.005	0.015	332.62	0.008	0.026	0.023	0.019
IUG5 Vehicle #1	FTP75	104315	04/11/23	07:01:23	Total / Weighted Results	0.053	0.086	0.025	360.84	0.025	0.029	0.050	0.023
IUG5 Vehicle #1					Phase 2	0.007	0.005	0.000	211.90	0.002	0.005	0.002	0.013
IUG5 Vehicle #1	HWFET	104327	04/11/23	08:11:17	Total / Weighted Results	0.007	0.005	0.000	211.90	0.002	0.005	0.002	0.013
IUG5 Vehicle #1					Phase 2	0.005	0.004	0.000	339.51	0.001	0.004	0.002	0.014
IUG5 Vehicle #1	US06	104348	04/11/23	09:06:17	Total / Weighted Results	0.005	0.004	0.000	339.51	0.001	0.004	0.002	0.014
IUG5 Vehicle #1					Phase 1	0.114	0.444	0.097	425.55	0.076	0.040	0.173	0.023
IUG5 Vehicle #1					Phase 2	0.024	0.009	0.000	363.74	0.003	0.022	0.003	0.021
IUG5 Vehicle #1					Phase 3	0.023	0.008	0.001	354.08	0.002	0.022	0.003	0.021
IUG5 Vehicle #1					Phase 4	0.023	0.008	0.000	351.66	0.002	0.022	0.002	0.022
IUG5 Vehicle #1					Phase 5	0.025	0.009	0.000	351.68	0.003	0.022	0.004	0.023
IUG5 Vehicle #1					Phase 6	0.024	0.009	0.000	349.20	0.002	0.022	0.002	0.022
IUG5 Vehicle #1					Phase 7	0.024	0.008	0.000	347.06	0.002	0.023	0.002	0.023
IUG5 Vehicle #1	Special Cycle A - Cold	104371	04/12/23	07:17:59	Total / Weighted Results	0.036	0.067	0.013	362.65	0.012	0.025	0.026	0.022
IUG5 Vehicle #1					Phase 3	0.008	0.009	0.000	302.10	0.002	0.007	0.002	0.024
IUG5 Vehicle #1					Phase 4	0.021	0.012	0.000	350.65	0.003	0.019	0.004	0.025
IUG5 Vehicle #1					Phase 5	0.023	0.013	0.000	349.37	0.002	0.021	0.003	0.024
IUG5 Vehicle #1					Phase 6	0.024	0.013	0.000	349.20	0.001	0.023	0.002	0.022
IUG5 Vehicle #1					Phase 7	0.026	0.013	0.001	349.47	0.003	0.023	0.004	0.023
IUG5 Vehicle #1					Phase 8	0.024	0.012	0.000	347.30	0.002	0.022	0.002	0.023
IUG5 Vehicle #1					Phase 9	0.024	0.011	0.000	347.26	0.002	0.022	0.002	0.023
IUG5 Vehicle #1	Special Cycle A - Hot	104399	04/12/23	09:32:04	Total / Weighted Results	0.021	0.012	0.000	342.59	0.002	0.020	0.003	0.023

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.”