

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	Transfer LATC to L.A. Downtown / DT0	104061	04/20/23	09:55:00	DT0	0.044	0.282	0.042	358.19	0.043	0.001	0.085	
IUG5 Vehicle #2	Urban Downtown L.A. Route/ DT1	104080	04/20/23	10:27:00	DT1	0.008	0.023	0.022	510.17	0.008	0.000	0.029	
IUG5 Vehicle #2	PEMS Urban/Downtown L.A. Route				Total / Weighted Results	0.027	0.163	0.033	428.14	0.027	0.001	0.060	
IUG5 Vehicle #2	Transfer LATC to ARB / Combined Route-A0	104221	04/24/23	10:29:00	A0	0.050	0.292	0.034	300.03	0.049	0.001	0.084	
IUG5 Vehicle #2	Freeway East / Combined Route-A1	104245	04/24/23	11:01:00	A1	0.004	0.051	0.009	299.80	0.004	0.000	0.013	
IUG5 Vehicle #2	Uphill / Combined Route-A2	104273	04/24/23	11:32:00	A2	0.006	0.101	0.013	623.05	0.006	0.000	0.019	
IUG5 Vehicle #2	Downhill / Combined Route-B1	104290	04/24/23	12:08:00	B1	0.054	0.241	0.041	213.17	0.053	0.001	0.093	
IUG5 Vehicle #2	Freeway West / Combined Route-B2	104308	04/24/23	12:41:00	B2	0.006	0.063	0.018	250.10	0.006	0.000	0.024	
IUG5 Vehicle #2	PEMS Combined Route				Total / Weighted Results	0.022	0.141	0.022	322.10	0.022	0.001	0.044	
IUG5 Vehicle #2					Phase 1	0.129	0.589	0.083	443.24	0.082	0.047	0.165	0.022
IUG5 Vehicle #2					Phase 2	0.027	0.008	0.001	356.38	0.006	0.021	0.007	0.022
IUG5 Vehicle #2					Phase 3	0.042	0.005	0.019	344.97	0.008	0.034	0.027	0.017
IUG5 Vehicle #2	FTP75	104392	04/28/23	07:24:48	Total / Weighted Results	0.052	0.128	0.023	371.25	0.022	0.030	0.045	0.021
IUG5 Vehicle #2					Phase 2	0.006	0.007	0.000	219.54	0.002	0.004	0.002	0.012
IUG5 Vehicle #2	HWFET	104403	04/28/23	08:27:52	Total / Weighted Results	0.006	0.007	0.000	219.54	0.002	0.004	0.002	0.012
IUG5 Vehicle #2					Phase 2	0.006	0.006	0.001	348.82	0.003	0.003	0.004	0.014
IUG5 Vehicle #2	US06	104424	04/28/23	09:21:16	Total / Weighted Results	0.006	0.006	0.001	348.82	0.003	0.003	0.004	0.014
IUG5 Vehicle #2					Phase 1	0.140	0.661	0.077	457.80	0.089	0.052	0.166	0.022
IUG5 Vehicle #2					Phase 2	0.025	0.008	0.000	376.12	0.008	0.017	0.009	0.023
IUG5 Vehicle #2					Phase 3	0.041	0.005	0.015	343.09	0.008	0.032	0.023	0.017
IUG5 Vehicle #2	FTP75	104448	05/02/23	07:11:07	Total / Weighted Results	0.053	0.143	0.020	383.96	0.025	0.028	0.045	0.021
IUG5 Vehicle #2					Phase 2	0.006	0.005	0.000	220.57	0.002	0.004	0.002	0.012
IUG5 Vehicle #2	HWFET	104459	05/02/23	09:14:32	Total / Weighted Results	0.006	0.005	0.000	220.57	0.002	0.004	0.002	0.012
IUG5 Vehicle #2					Phase 2	0.008	0.006	0.001	347.33	0.006	0.003	0.006	0.014
IUG5 Vehicle #2	US06	104480	05/02/23	10:03:42	Total / Weighted Results	0.008	0.006	0.001	347.33	0.006	0.003	0.006	0.014
IUG5 Vehicle #2					Phase 1	0.110	0.561	0.085	461.13	0.064	0.046	0.149	0.022
IUG5 Vehicle #2					Phase 2	0.021	0.007	0.000	388.71	0.006	0.015	0.006	0.022
IUG5 Vehicle #2					Phase 3	0.039	0.006	0.012	348.97	0.007	0.033	0.019	0.016
IUG5 Vehicle #2	FTP75	104510	05/03/23	07:23:04	Total / Weighted Results	0.044	0.122	0.021	392.80	0.018	0.027	0.039	0.021
IUG5 Vehicle #2					Phase 2	0.005	0.005	0.000	227.55	0.001	0.004	0.001	0.012
IUG5 Vehicle #2	HWFET	104522	05/03/23	08:33:43	Total / Weighted Results	0.005	0.005	0.000	227.55	0.001	0.004	0.001	0.012
IUG5 Vehicle #2					Phase 2	0.004	0.005	0.000	349.51	0.001	0.003	0.002	0.014
IUG5 Vehicle #2	US06	104542	05/03/23	09:24:08	Total / Weighted Results	0.004	0.005	0.000	349.51	0.001	0.003	0.002	0.014
IUG5 Vehicle #2					Phase 1	0.106	0.580	0.088	472.42	0.060	0.048	0.148	0.022
IUG5 Vehicle #2					Phase 2	0.014	0.008	0.001	399.60	0.001	0.014	0.002	0.022
IUG5 Vehicle #2					Phase 3	0.018	0.020	0.000	362.04	0.001	0.017	0.001	0.021
IUG5 Vehicle #2					Phase 4	0.019	0.007	0.000	362.42	0.001	0.018	0.002	0.020
IUG5 Vehicle #2					Phase 5	0.021	0.011	0.000	363.43	0.002	0.020	0.002	0.021
IUG5 Vehicle #2					Phase 6	0.021	0.008	0.000	363.95	0.001	0.020	0.001	0.021
IUG5 Vehicle #2					Phase 7	0.020	0.009	0.000	357.27	0.001	0.020	0.001	0.021
IUG5 Vehicle #2	Special Cycle A - Cold	104566	05/04/23	07:23:10	Total / Weighted Results	0.031	0.087	0.012	382.14	0.009	0.022	0.021	0.021
IUG5 Vehicle #2					Phase 3	0.006	0.008	0.001	310.55	0.000	0.006	0.001	0.022
IUG5 Vehicle #2					Phase 4	0.016	0.012	0.002	357.23	0.000	0.015	0.002	0.026
IUG5 Vehicle #2					Phase 5	0.018	0.012	0.001	361.71	0.000	0.018	0.001	0.020
IUG5 Vehicle #2					Phase 6	0.018	0.013	0.001	354.40	0.000	0.018	0.001	0.020
IUG5 Vehicle #2					Phase 7	0.019	0.013	0.002	362.84	0.001	0.017	0.003	0.021
IUG5 Vehicle #2					Phase 8	0.019	0.012	0.001	360.60	0.000	0.018	0.001	0.020
IUG5 Vehicle #2					Phase 9	0.019	0.012	0.001	359.75	0.000	0.017	0.001	0.020
IUG5 Vehicle #2	Special Cycle A - Hot	104595	05/04/23	09:59:08	Total / Weighted Results	0.017	0.012	0.001	352.85	0.000	0.016	0.001	0.021

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.”