

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	101537	04/25/25	09:18:00	DT0	0.032	0.229	0.094	303.20	0.031	0.001	0.125	
IUG5 Vehicle #1	Urban Downtown L.A. Route/ DT1	101556	04/25/25	09:43:00	DT1	0.009	0.051	0.047	418.51	0.009	0.001	0.057	
IUG5 Vehicle #1	PEMS Urban/Downtown L.A. Route				Total / Weighted Results	0.021	0.147	0.073	356.30	0.021	0.001	0.094	
IUG5 Vehicle #1	Transfer LATC to ARB / Combined Route-A0	101590	04/28/25	09:31:00	A0	0.032	0.192	0.033	271.18	0.031	0.002	0.064	
IUG5 Vehicle #1	Freeway East / Combined Route-A1	101614	04/28/25	10:00:00	A1	0.005	0.029	0.017	292.56	0.005	0.001	0.022	
IUG5 Vehicle #1	Uphill / Combined Route-A2	101641	04/28/25	10:34:00	A2	0.003	0.046	0.014	546.14	0.003	0.002	0.017	
IUG5 Vehicle #1	Downhill / Combined Route-B1	101658	04/28/25	10:07:00	B1	0.025	0.133	0.066	179.54	0.024	0.001	0.090	
IUG5 Vehicle #1	Freeway West / Combined Route-B2	101676	04/28/25	11:39:00	B2	0.005	0.027	0.038	233.10	0.005	0.001	0.043	
IUG5 Vehicle #1	PEMS Combined Route				Total / Weighted Results	0.013	0.081	0.033	293.50	0.013	0.001	0.046	
IUG5 Vehicle #1					Phase 1	0.116	0.689	0.105	428.66	0.081	0.037	0.186	0.017
IUG5 Vehicle #1					Phase 2	0.021	0.009	0.002	349.78	0.001	0.020	0.004	0.015
IUG5 Vehicle #1					Phase 3	0.020	0.005	0.038	338.83	0.000	0.022	0.038	0.013
IUG5 Vehicle #1	FTP75	101768	05/01/25	14:02:18	Total / Weighted Results	0.040	0.149	0.034	363.14	0.018	0.024	0.051	0.015
IUG5 Vehicle #1					Phase 2	0.003	0.006	0.000	215.92	0.000	0.003	0.000	0.007
IUG5 Vehicle #1	HWFET	101779	05/01/25	15:27:51	Total / Weighted Results	0.003	0.006	0.000	215.92	0.000	0.003	0.000	0.007
IUG5 Vehicle #1					Phase 2	0.003	0.005	0.003	353.31	0.000	0.003	0.003	0.010
IUG5 Vehicle #1	US06	101800	05/01/25	16:35:34	Total / Weighted Results	0.003	0.005	0.003	353.31	0.000	0.003	0.003	0.010
IUG5 Vehicle #1					Phase 1	0.100	0.650	0.095	431.86	0.064	0.038	0.159	0.015
IUG5 Vehicle #1					Phase 2	0.018	0.008	0.001	348.37	0.001	0.018	0.003	0.014
IUG5 Vehicle #1					Phase 3	0.029	0.005	0.034	338.19	0.006	0.024	0.041	0.013
IUG5 Vehicle #1	FTP75	101824	05/02/25	10:35:40	Total / Weighted Results	0.038	0.140	0.030	362.89	0.016	0.024	0.046	0.014
IUG5 Vehicle #1					Phase 2	0.003	0.005	0.000	217.98	0.000	0.003	0.000	0.007
IUG5 Vehicle #1	HWFET	101835	05/02/25	11:51:50	Total / Weighted Results	0.003	0.005	0.000	217.98	0.000	0.003	0.000	0.007
IUG5 Vehicle #1					Phase 2	0.003	0.005	0.003	357.38	0.000	0.003	0.003	0.009
IUG5 Vehicle #1	US06	101856	05/02/25	12:51:50	Total / Weighted Results	0.003	0.005	0.003	357.38	0.000	0.003	0.003	0.009
IUG5 Vehicle #1					Phase 1	0.103	0.570	0.095	435.14	0.065	0.039	0.160	0.015
IUG5 Vehicle #1					Phase 2	0.021	0.009	0.001	353.87	0.002	0.019	0.003	0.014
IUG5 Vehicle #1					Phase 3	0.029	0.005	0.026	334.30	0.005	0.024	0.031	0.013
IUG5 Vehicle #1	FTP75	101879	05/06/25	12:41:05	Total / Weighted Results	0.040	0.124	0.027	365.35	0.016	0.024	0.044	0.014
IUG5 Vehicle #1					Phase 2	0.003	0.005	0.000	215.24	0.000	0.003	0.000	0.006
IUG5 Vehicle #1	HWFET	101890	05/06/25	14:08:05	Total / Weighted Results	0.003	0.005	0.000	215.24	0.000	0.003	0.000	0.006
IUG5 Vehicle #1					Phase 2	0.003	0.008	0.003	356.27	0.000	0.003	0.003	0.010
IUG5 Vehicle #1	US06	101911	05/06/25	15:16:23	Total / Weighted Results	0.003	0.008	0.003	356.27	0.000	0.003	0.003	0.010
IUG5 Vehicle #1					Phase 2	0.006	0.009	0.001	306.95	0.001	0.005	0.003	0.012
IUG5 Vehicle #1					Phase 3	0.016	0.011	0.003	345.50	0.002	0.015	0.005	0.014
IUG5 Vehicle #1					Phase 4	0.017	0.011	0.006	345.45	0.002	0.016	0.008	0.013
IUG5 Vehicle #1					Phase 5	0.018	0.011	0.006	350.26	0.002	0.017	0.008	0.014
IUG5 Vehicle #1					Phase 6	0.018	0.011	0.007	346.23	0.003	0.016	0.009	0.013
IUG5 Vehicle #1					Phase 7	0.018	0.011	0.007	348.77	0.002	0.017	0.009	0.014
IUG5 Vehicle #1					Phase 8	0.018	0.011	0.007	348.18	0.002	0.017	0.009	0.012
IUG5 Vehicle #1	Special Cycle A - Hot	101962	05/08/25	14:36:33	Total / Weighted Results	0.016	0.011	0.005	341.97	0.002	0.015	0.007	0.013
IUG5 Vehicle #1					Phase 1	0.103	0.671	0.103	440.52	0.065	0.040	0.168	0.014
IUG5 Vehicle #1					Phase 2	0.015	0.009	0.001	370.61	0.001	0.014	0.002	0.011
IUG5 Vehicle #1					Phase 3	0.016	0.007	0.001	353.66	0.001	0.016	0.002	0.011
IUG5 Vehicle #1					Phase 4	0.017	0.008	0.002	353.79	0.001	0.016	0.003	0.011
IUG5 Vehicle #1					Phase 5	0.017	0.011	0.002	356.73	0.002	0.016	0.004	0.012
IUG5 Vehicle #1					Phase 6	0.017	0.009	0.002	355.57	0.001	0.017	0.003	0.012
IUG5 Vehicle #1					Phase 7	0.017	0.008	0.001	353.08	0.001	0.016	0.003	0.012
IUG5 Vehicle #1	Special Cycle A - Cold	102013	05/09/25	12:43:56	Total / Weighted Results	0.028	0.098	0.015	368.43	0.010	0.019	0.025	0.012

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 <sup>1</sup>	✓	✓
CO	✓	✓
NOx	✓	✓
CO2	✓	✓
NMHC <sup>2</sup>	✓	
CH4	✓	
N2O	✓	
NMOG <sup>3</sup> +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.”