

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
IUG4 Vehicle #2	Transfer LATC to L.A. Downtown / DT0	105131	03/10/26	10:55:00	DT0	0.028	0.5	0.10	410.7	0.027	0.00	0.13	
IUG4 Vehicle #2	Urban Downtown L.A. Route/ DT1	105149	03/10/26	11:23:00	DT1	0.011	0.5	0.04	534.8	0.011	0.00	0.05	
IUG4 Vehicle #2	PEMS Urban/Downtown L.A. Route				Total / Weighted Results	0.020	0.5	0.07	467.9	0.020	0.00	0.09	
IUG4 Vehicle #2	Transfer LATC to ARB / Combined Route-A0	105183	03/11/26	09:44:00	A0	0.019	0.4	0.11	389.7	0.019	0.00	0.13	
IUG4 Vehicle #2	Freeway East / Combined Route-A1	105206	03/11/26	10:25:00	A1	0.003	0.3	0.09	384.3	0.003	0.00	0.10	
IUG4 Vehicle #2	Uphill / Combined Route-A2	105234	03/11/26	10:57:00	A2	0.003	0.6	0.16	737.9	0.003	0.00	0.16	
IUG4 Vehicle #2	Downhill / Combined Route-B1	105250	03/11/26	11:33:00	B1	0.032	0.4	0.06	206.2	0.032	0.00	0.09	
IUG4 Vehicle #2	Freeway West / Combined Route-B2	105268	03/11/26	12:05:00	B2	0.005	0.3	0.02	301.0	0.005	0.00	0.03	
IUG4 Vehicle #2	PEMS Combined Route				Total / Weighted Results	0.011	0.4	0.08	389.7	0.011	0.00	0.10	
IUG4 Vehicle #2					Phase 1	0.128	0.4	0.13	526.8	0.048	0.08	0.18	0.021
IUG4 Vehicle #2					Phase 2	0.010	0.0	0.00	425.8	0.000	0.01	0.00	0.025
IUG4 Vehicle #2					Phase 3	0.036	0.0	0.02	430.7	0.006	0.03	0.02	0.026
IUG4 Vehicle #2	FTP75	105378	03/17/26	09:14:38	Total / Weighted Results	0.042	0.1	0.03	448.0	0.012	0.03	0.04	0.024
IUG4 Vehicle #2					Phase 2	0.003	0.0	0.04	293.3	0.001	0.00	0.04	0.009
IUG4 Vehicle #2	HWFET	105389	03/17/26	10:37:54	Total / Weighted Results	0.003	0.0	0.04	293.3	0.001	0.00	0.04	0.009
IUG4 Vehicle #2					Phase 2	0.001	0.2	0.08	478.8	0.000	0.00	0.08	0.022
IUG4 Vehicle #2	US06	105409	03/17/26	11:43:15	Total / Weighted Results	0.001	0.2	0.08	478.8	0.000	0.00	0.08	0.022
IUG4 Vehicle #2					Phase 1	0.127	0.6	0.14	530.6	0.050	0.08	0.19	0.018
IUG4 Vehicle #2					Phase 2	0.010	0.0	0.00	433.1	0.000	0.01	0.00	0.020
IUG4 Vehicle #2					Phase 3	0.047	0.0	0.02	433.7	0.007	0.04	0.03	0.023
IUG4 Vehicle #2	FTP75	105451	03/19/26	12:26:02	Total / Weighted Results	0.045	0.1	0.04	453.4	0.012	0.03	0.05	0.021
IUG4 Vehicle #2					Phase 2	0.002	0.0	0.12	299.4	0.000	0.00	0.12	0.007
IUG4 Vehicle #2	HWFET	105462	03/19/26	13:52:30	Total / Weighted Results	0.002	0.0	0.12	299.4	0.000	0.00	0.12	0.007
IUG4 Vehicle #2					Phase 2	0.001	0.0	0.07	488.9	0.000	0.00	0.07	0.017
IUG4 Vehicle #2	US06	105482	03/19/26	14:56:00	Total / Weighted Results	0.001	0.0	0.07	488.9	0.000	0.00	0.07	0.017
IUG4 Vehicle #2					Phase 1	0.138	0.6	0.13	534.1	0.063	0.08	0.19	0.021
IUG4 Vehicle #2					Phase 2	0.010	0.0	0.00	437.6	0.000	0.01	0.00	0.021
IUG4 Vehicle #2					Phase 3	0.048	0.0	0.02	433.4	0.010	0.04	0.03	0.024
IUG4 Vehicle #2	FTP75	105977	05/14/26	13:53:48	Total / Weighted Results	0.047	0.1	0.03	456.4	0.016	0.03	0.05	0.022
IUG4 Vehicle #2					Phase 2	0.002	0.0	0.06	298.0	0.000	0.00	0.06	0.007
IUG4 Vehicle #2	HWFET	105988	05/14/26	15:12:40	Total / Weighted Results	0.002	0.0	0.06	298.0	0.000	0.00	0.06	0.007
IUG4 Vehicle #2					Phase 2	0.001	0.0	0.04	485.0	0.000	0.00	0.04	0.017
IUG4 Vehicle #2	US06	106009	05/14/26	16:16:49	Total / Weighted Results	0.001	0.0	0.04	485.0	0.000	0.00	0.04	0.017
IUG4 Vehicle #2					Phase 1	0.131	0.5	0.13	538.1	0.051	0.08	0.18	0.019
IUG4 Vehicle #2					Phase 2	0.014	0.0	0.00	439.5	0.003	0.01	0.00	0.023
IUG4 Vehicle #2					Phase 3	0.013	0.0	0.00	431.7	0.002	0.01	0.00	0.023
IUG4 Vehicle #2					Phase 4	0.012	0.0	0.00	424.5	0.002	0.01	0.00	0.020
IUG4 Vehicle #2					Phase 5	0.012	0.0	0.00	429.9	0.001	0.01	0.00	0.021
IUG4 Vehicle #2					Phase 6	0.012	0.0	0.00	430.3	0.002	0.01	0.00	0.020
IUG4 Vehicle #2					Phase 7	0.012	0.0	0.00	428.2	0.001	0.01	0.00	0.021
IUG4 Vehicle #2	Special Cycle A - Cold	106032	05/15/26	12:40:05	Total / Weighted Results	0.028	0.1	0.02	445.1	0.008	0.02	0.03	0.021
IUG4 Vehicle #2					Phase 2	0.003	0.0	0.01	409.1	0.001	0.00	0.01	0.021
IUG4 Vehicle #2					Phase 3	0.010	0.0	0.00	429.2	0.003	0.01	0.00	0.033
IUG4 Vehicle #2					Phase 4	0.011	0.0	0.00	433.4	0.002	0.01	0.00	0.023
IUG4 Vehicle #2					Phase 5	0.011	0.0	0.00	434.8	0.002	0.01	0.00	0.021
IUG4 Vehicle #2					Phase 6	0.011	0.0	0.00	429.6	0.002	0.01	0.00	0.020
IUG4 Vehicle #2					Phase 7	0.011	0.0	0.00	431.3	0.002	0.01	0.00	0.019
IUG4 Vehicle #2					Phase 8	0.011	0.0	0.00	434.1	0.002	0.01	0.00	0.020
IUG4 Vehicle #2	Special Cycle A - Hot	106101	05/19/26	09:16:48	Total / Weighted Results	0.010	0.0	0.00	429.0	0.002	0.01	0.00	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.”