

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 #3					Phase 1	0.119	0.5	0.12	531.1	0.045	0.08	0.16	0.022
IUG4 Vehicle #3					Phase 2	0.012	0.0	0.00	435.2	0.000	0.01	0.00	0.023
IUG4 Vehicle #3					Phase 3	0.035	0.0	0.01	425.4	0.003	0.03	0.02	0.026
IUG4 Vehicle #3	FTP75	100593	05/13/26	11:00:57	Total / Weighted Results	0.040	0.1	0.03	452.3	0.010	0.03	0.04	0.024
IUG4 Vehicle #3					Phase 2	0.002	0.0	0.06	294.8	0.000	0.00	0.06	0.008
IUG4 Vehicle #3	HWFET	100604	05/13/26	12:26:47	Total / Weighted Results	0.002	0.0	0.06	294.8	0.000	0.00	0.06	0.008
IUG4 Vehicle #3					Phase 2	0.001	0.0	0.07	482.5	0.000	0.00	0.07	0.020
IUG4 Vehicle #3	US06	100624	05/13/26	13:30:30	Total / Weighted Results	0.001	0.0	0.07	482.5	0.000	0.00	0.07	0.020
IUG4 Vehicle #3					Phase 1	0.121	0.6	0.11	543.4	0.045	0.08	0.16	0.022
IUG4 Vehicle #3					Phase 2	0.013	0.0	0.00	432.6	0.000	0.01	0.00	0.023
IUG4 Vehicle #3					Phase 3	0.039	0.0	0.01	426.1	0.004	0.04	0.01	0.025
IUG4 Vehicle #3	FTP75	100648	05/14/26	09:20:44	Total / Weighted Results	0.042	0.1	0.03	453.8	0.010	0.03	0.04	0.023
IUG4 Vehicle #3					Phase 2	0.003	0.0	0.05	294.6	0.000	0.00	0.05	0.006
IUG4 Vehicle #3	HWFET	100659	05/14/26	10:56:09	Total / Weighted Results	0.003	0.0	0.05	294.6	0.000	0.00	0.05	0.006
IUG4 Vehicle #3					Phase 2	0.002	0.0	0.06	482.7	0.000	0.00	0.06	0.016
IUG4 Vehicle #3	US06	100680	05/14/26	11:58:26	Total / Weighted Results	0.002	0.0	0.06	482.7	0.000	0.00	0.06	0.016
IUG4 Vehicle #3					Phase 1	0.117	0.6	0.11	543.2	0.046	0.07	0.16	0.021
IUG4 Vehicle #3					Phase 2	0.012	0.0	0.00	434.8	0.000	0.01	0.00	0.021
IUG4 Vehicle #3					Phase 3	0.035	0.0	0.01	426.9	0.003	0.03	0.02	0.023
IUG4 Vehicle #3	FTP75	100704	05/15/26	08:57:44	Total / Weighted Results	0.040	0.1	0.03	455.1	0.010	0.03	0.04	0.021
IUG4 Vehicle #3					Phase 2	0.003	0.0	0.09	295.1	0.000	0.00	0.09	0.007
IUG4 Vehicle #3	HWFET	100715	05/15/26	10:44:18	Total / Weighted Results	0.003	0.0	0.09	295.1	0.000	0.00	0.09	0.007
IUG4 Vehicle #3					Phase 2	0.001	0.0	0.09	485.1	0.000	0.00	0.09	0.018
IUG4 Vehicle #3	US06	100736	05/15/26	11:43:25	Total / Weighted Results	0.001	0.0	0.09	485.1	0.000	0.00	0.09	0.018
IUG4 Vehicle #3					Phase 1	0.103	0.5	0.13	535.2	0.043	0.06	0.17	0.020
IUG4 Vehicle #3					Phase 2	0.014	0.0	0.00	443.5	0.001	0.01	0.00	0.020
IUG4 Vehicle #3					Phase 3	0.013	0.0	0.00	416.9	0.001	0.01	0.00	0.025
IUG4 Vehicle #3					Phase 4	0.013	0.0	0.00	413.8	0.001	0.01	0.00	0.024
IUG4 Vehicle #3					Phase 5	0.014	0.0	0.00	417.2	0.001	0.01	0.00	0.023
IUG4 Vehicle #3					Phase 6	0.013	0.0	0.00	417.1	0.001	0.01	0.00	0.022
IUG4 Vehicle #3					Phase 7	0.014	0.0	0.00	414.7	0.001	0.01	0.00	0.023
IUG4 Vehicle #3	Special Cycle A - Cold	100759	05/19/26	11:54:03	Total / Weighted Results	0.025	0.1	0.02	435.9	0.007	0.02	0.02	0.022
IUG4 Vehicle #3					Phase 2	0.003	0.0	0.01	389.9	0.000	0.00	0.01	0.022
IUG4 Vehicle #3					Phase 3	0.010	0.0	0.00	418.3	0.002	0.01	0.00	0.039
IUG4 Vehicle #3					Phase 4	0.011	0.0	0.00	417.6	0.002	0.01	0.00	0.025
IUG4 Vehicle #3					Phase 5	0.012	0.0	0.00	421.9	0.002	0.01	0.00	0.024
IUG4 Vehicle #3					Phase 6	0.011	0.0	0.00	419.2	0.002	0.01	0.00	0.022
IUG4 Vehicle #3					Phase 7	0.012	0.0	0.00	425.0	0.002	0.01	0.00	0.025
IUG4 Vehicle #3					Phase 8	0.011	0.0	0.00	423.1	0.002	0.01	0.00	0.023
IUG4 Vehicle #3	Special Cycle A - Hot	100786	05/19/26	14:02:09	Total / Weighted Results	0.010	0.0	0.00	416.7	0.002	0.01	0.00	0.026
IUG4 Vehicle #3	Transfer LATC to L.A. Downtown / DT0	100842	05/26/26	10:51:00	DT0	0.037	0.6	0.16	383.4	0.036	0.00	0.20	
IUG4 Vehicle #3	Urban Downtown L.A. Route/ DT1	100861	05/26/26	11:20:00	DT1	0.011	0.4	0.04	469.7	0.010	0.00	0.05	
IUG4 Vehicle #3	PEMS Urban/Downtown L.A. Route				Total / Weighted Results	0.025	0.5	0.10	423.1	0.024	0.00	0.13	
IUG4 Vehicle #3	Transfer LATC to ARB / Combined Route-A0	100895	05/27/26	10:02:00	A0	0.024	0.5	0.14	350.6	0.024	0.00	0.16	
IUG4 Vehicle #3	Freeway East / Combined Route-A1	100919	05/27/26	10:42:00	A1	0.003	0.3	0.18	356.3	0.003	0.00	0.18	
IUG4 Vehicle #3	Uphill / Combined Route-A2	100946	05/27/26	11:14:00	A2	0.003	0.6	0.25	658.7	0.003	0.00	0.25	
IUG4 Vehicle #3	Downhill / Combined Route-B1	100963	05/27/26	11:52:00	B1	0.027	0.4	0.06	190.7	0.026	0.00	0.09	
IUG4 Vehicle #3	Freeway West / Combined Route-B2	100981	05/27/26	12:27:00	B2	0.004	0.3	0.03	295.8	0.004	0.00	0.04	
IUG4 Vehicle #3	PEMS Combined Route				Total / Weighted Results	0.012	0.4	0.13	359.4	0.011	0.00	0.14	

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.”