

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
IUG3/Y1/V1/ L906-85730	Transfer LATC to ARB / Combined Route-A0	103543	04/23/24	10:43:00	A0	0.011	0.417	0.096	431.85	0.011	0.000	0.107	
IUG3/Y1/V1/ L906-85730	Freeway East / Combined Route-A1	103567	04/23/24	11:17:00	A1	0.002	0.346	0.090	405.13	0.002	0.000	0.093	
IUG3/Y1/V1/ L906-85730	Uphill / Combined Route-A2	103595	04/23/24	11:52:00	A2	0.002	0.612	0.164	755.71	0.002	0.000	0.166	
IUG3/Y1/V1/ L906-85730	Downhill / Combined Route-B1	103612	04/23/24	12:31:00	B1	0.032	0.528	0.113	246.97	0.031	0.001	0.144	
IUG3/Y1/V1/ L906-85730	Freeway West / Combined Route-B2	103630	04/23/24	13:03:00	B2	0.003	0.328	0.041	368.25	0.003	0.000	0.044	
IUG3/Y1/V1/ L906-85730	PEMS Combined Route				Total / Weighted Results	0.009	0.424	0.094	429.05	0.009	0.000	0.102	
IUG3/Y1/V1/ L906-85730	Transfer LATC to L.A. Downtown / DT0	103683	04/24/24	10:09:00	DT0	0.010	0.443	0.106	473.94	0.010	0.000	0.117	
IUG3/Y1/V1/ L906-85730	Urban Downtown L.A. Route/ DT1	103701	04/24/24	10:35:00	DT1	0.009	0.452	0.097	535.45	0.009	0.000	0.106	
IUG3/Y1/V1/ L906-85730	PEMS Urban/Downtown L.A. Route				Total / Weighted Results	0.010	0.447	0.102	502.19	0.010	0.000	0.111	
IUG3/Y1/V1/ L906-85730					Phase 1	0.081	0.500	0.250	603.80	0.061	0.020	0.311	0.002
IUG3/Y1/V1/ L906-85730					Phase 2	0.018	0.013	0.003	530.29	0.015	0.003	0.018	0.000
IUG3/Y1/V1/ L906-85730					Phase 3	0.009	0.008	0.138	521.97	0.007	0.002	0.146	0.001
IUG3/Y1/V1/ L906-85730	FTP75	104334	07/09/24	06:39:37	Total / Weighted Results	0.028	0.112	0.091	543.23	0.022	0.006	0.114	0.001
IUG3/Y1/V1/ L906-85730					Phase 2	0.005	0.007	0.118	417.67	0.005	0.000	0.123	0.001
IUG3/Y1/V1/ L906-85730	HWFET	104345	07/09/24	07:54:34	Total / Weighted Results	0.005	0.007	0.118	417.67	0.005	0.000	0.123	0.001
IUG3/Y1/V1/ L906-85730					Phase 1	0.041	0.447	0.278	606.72	0.024	0.017	0.301	0.002
IUG3/Y1/V1/ L906-85730					Phase 2	0.007	0.011	0.003	521.97	0.005	0.003	0.007	0.001
IUG3/Y1/V1/ L906-85730					Phase 3	0.008	0.025	0.112	521.88	0.004	0.003	0.117	0.001
IUG3/Y1/V1/ L906-85730	FTP75	104400	07/12/24	13:59:02	Total / Weighted Results	0.014	0.105	0.089	539.47	0.009	0.006	0.098	0.001
IUG3/Y1/V1/ L906-85730					Phase 2	0.003	0.008	0.002	404.79	0.003	0.000	0.005	0.001
IUG3/Y1/V1/ L906-85730	HWFET	104411	07/12/24	15:15:56	Total / Weighted Results	0.003	0.008	0.002	404.79	0.003	0.000	0.005	0.001
IUG3/Y1/V1/ L906-85730					Phase 2	0.002	0.007	0.094	592.25	0.002	0.000	0.097	0.001
IUG3/Y1/V1/ L906-85730	US06HW	104431	07/12/24	16:13:09	Total / Weighted Results	0.002	0.007	0.094	592.25	0.002	0.000	0.097	0.001
IUG3/Y1/V1/ L906-85730					Phase 1	0.040	0.405	0.282	594.98	0.026	0.014	0.308	0.002
IUG3/Y1/V1/ L906-85730					Phase 2	0.010	0.012	0.001	512.60	0.006	0.004	0.008	0.001
IUG3/Y1/V1/ L906-85730					Phase 3	0.008	0.009	0.097	497.72	0.005	0.003	0.102	0.001
IUG3/Y1/V1/ L906-85730	FTP75	104452	07/16/24	06:18:05	Total / Weighted Results	0.015	0.093	0.085	525.57	0.010	0.005	0.096	0.001
IUG3/Y1/V1/ L906-85730					Phase 2	0.004	0.007	0.099	393.28	0.004	0.000	0.103	0.001
IUG3/Y1/V1/ L906-85730	HWFET	104463	07/16/24	08:06:04	Total / Weighted Results	0.004	0.007	0.099	393.28	0.004	0.000	0.103	0.001
IUG3/Y1/V1/ L906-85730					Phase 2	0.003	0.007	0.073	561.45	0.003	0.000	0.076	0.001
IUG3/Y1/V1/ L906-85730	US06HW	104484	07/16/24	09:26:09	Total / Weighted Results	0.003	0.007	0.073	561.45	0.003	0.000	0.076	0.001
IUG3/Y1/V1/ L906-85730					Phase 2	0.004	0.008	0.026	382.50	0.004	0.000	0.030	0.001
IUG3/Y1/V1/ L906-85730	HWFET	104543	07/17/24	08:14:26	Total / Weighted Results	0.004	0.008	0.026	382.50	0.004	0.000	0.030	0.001
IUG3/Y1/V1/ L906-85730					Phase 2	0.003	0.007	0.133	546.49	0.003	0.000	0.136	0.001
IUG3/Y1/V1/ L906-85730	US06HW	104564	07/17/24	09:15:50	Total / Weighted Results	0.003	0.007	0.133	546.49	0.003	0.000	0.136	0.001
IUG3/Y1/V1/ L906-85730					Phase 1	0.043	0.391	0.233	569.81	0.027	0.016	0.261	0.002
IUG3/Y1/V1/ L906-85730					Phase 2	0.004	0.013	0.018	500.72	0.000	0.005	0.018	0.001
IUG3/Y1/V1/ L906-85730					Phase 3	0.004	0.011	0.020	495.53	0.000	0.005	0.020	0.000
IUG3/Y1/V1/ L906-85730					Phase 4	0.003	0.010	0.017	491.80	0.000	0.004	0.017	0.001
IUG3/Y1/V1/ L906-85730					Phase 5	0.014	0.011	0.010	494.86	0.011	0.004	0.020	0.001
IUG3/Y1/V1/ L906-85730					Phase 6	0.004	0.010	0.005	492.46	0.000	0.004	0.005	0.001
IUG3/Y1/V1/ L906-85730					Phase 7	0.004	0.010	0.003	489.74	0.000	0.005	0.003	0.001
IUG3/Y1/V1/ L906-85730	Special Cycle A - Cold	104584	07/18/24	06:35:56	Total / Weighted Results	0.010	0.062	0.042	504.34	0.005	0.006	0.047	0.001
IUG3/Y1/V1/ L906-85730					Phase 2	0.004	0.010	0.026	474.47	0.004	0.000	0.030	0.001
IUG3/Y1/V1/ L906-85730					Phase 3	0.004	0.014	0.007	492.84	0.001	0.003	0.009	0.001
IUG3/Y1/V1/ L906-85730					Phase 4	0.004	0.015	0.010	496.04	0.001	0.004	0.011	0.001
IUG3/Y1/V1/ L906-85730					Phase 5	0.004	0.014	0.012	493.72	0.001	0.004	0.012	0.001
IUG3/Y1/V1/ L906-85730					Phase 6	0.011	0.014	0.010	489.20	0.008	0.003	0.018	0.001
IUG3/Y1/V1/ L906-85730					Phase 7	0.004	0.013	0.008	494.50	0.001	0.004	0.008	0.001
IUG3/Y1/V1/ L906-85730					Phase 8	0.005	0.014	0.005	492.40	0.001	0.004	0.006	0.001
IUG3/Y1/V1/ L906-85730	Special Cycle A - Hot	104611	07/18/24	09:05:38	Total / Weighted Results	0.005	0.014	0.011	490.61	0.002	0.003	0.013	0.001

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.”