Voltage Controlled Oscillator ROS-EDR9599

Typical Performance Data

V TUNE	TUNE SENS (MHz/V)	FREQUENCY (MHz)			POWER OUTPUT (dBm)			HARMONICS (dBc)			FREQ. PUSH (MHz/V)
		-55ºC	+25ºC	+85ºC	-55ºC	+25ºC	+85ºC	F2	F3	F4	
0.0	65.86	5229.34	5200.80	5181.88	6.75	7.32	7.12	-24.33	-41.89	-46.87	0.56
0.3	57.27	5245.23	5217.27	5198.21	6.76	7.37	7.19	-24.49	-39.04	-48.19	0.28
0.5	53.35	5259.57	5231.59	5212.73	6.72	7.42	7.14	-24.55	-40.23	-46.44	0.15
0.8	50.09	5273.01	5244.92	5226.73	6.64	7.37	7.01	-25.15	-39.69	-46.30	0.07
1.0	46.95	5286.85	5257.44	5239.95	6.71	7.32	7.09	-25.38	-39.98	-47.33	0.06
1.3	48.83	5299.24	5269.18	5252.17	6.70	7.26	7.08	-24.15	-41.42	-46.11	0.00
1.5	46.60	5311.25	5281.39	5263.85	6.74	7.16	6.99	-25.36	-41.24	-46.53	0.02
1.8	43.46	5323.41	5293.04	5275.21	6.71	7.22	6.96	-25.73	-42.43	-47.51	0.01
2.0	43.98	5334.68	5303.90	5286.26	6.65	7.26	6.93	-24.54	-41.40	-46.26	0.04
2.3	42.63	5345.90	5314.90	5297.08	6.62	7.22	6.78	-24.79	-43.06	-44.89	0.04
2.5	39.44	5356.78	5325.56	5307.86	6.67	7.14	6.81	-26.27	-43.27	-45.91	0.04
2.8	39.68	5366.98	5335.42	5318.08	6.64	7.11	6.84	-25.64	-44.45	-47.94	0.03
3.0	38.17	5377.04	5345.34	5327.74	6.65	7.07	6.86	-25.63	-45.44	-45.78	0.03
3.3	35.11	5386.38	5354.88	5337.02	6.58	7.03	6.79	-26.57	-48.30	-47.44	0.06
3.5	33.75	5395.54	5363.66	5345.99	6.61	6.99	6.72	-26.58	-49.33	-47.71	0.08
3.8	31.80	5404.68	5372.10	5354.63	6.69	6.95	6.68	-27.10	-47.97	-47.80	0.10
4.0	29.26	5413.14	5380.05	5362.67	6.85	6.92	6.68	-27.96	-49.97	-47.68	0.13
4.3	28.12	5420.47	5387.36	5370.10	6.77	6.89	6.64	-27.98	-49.42	-46.63	0.12
4.5	27.26	5427.27	5394.39	5377.03	6.78	6.87	6.61	-28.08	-49.22	-47.57	0.10
4.8	25.44	5433.79	5401.21	5383.48	6.77	6.94	6.55	-28.92	-46.01	-46.03	0.08
5.0	23.16	5439.96	5407.57	5389.40	6.75	7.03	6.56	-29.88	-46.02	-44.62	0.06
5.3	20.55	5445.63	5413.36	5394.93	6.60	7.11	6.61	-31.05	-43.94	-43.84	0.03
5.5	18.05	5450.59	5418.50	5400.07	6.48	7.12	6.60	-31.96	-44.05	-42.95	0.01
5.8	16.63	5454.93	5423.01	5404.78	6.45	7.10	6.58	-32.07	-43.38	-43.05	0.10
6.0	15.38	5458.99	5427.17	5409.11	6.48	7.07	6.56	-31.45	-42.88	-42.96	0.21
6.3	14.18	5462.86	5431.01	5413.14	6.49	7.05	6.61	-31.16	-41.76	-43.24	0.31
6.5	12.97	5466.48	5434.55	5416.93	6.48	7.04	6.65	-31.07	-41.92	-42.98	0.40
6.8	11.89	5469.82	5437.80	5420.40	6.53	7.03	6.70	-31.13	-42.15	-41.89	0.48
7.0	11.89	5472.90	5440.77	5423.50	6.60	7.02	6.74	-31.30	-40.27	-42.82	0.56

FREQ OFFSET (KHz)	PHASE NOISE (dBc/Hz)
1	-69
10	-97
100	-119
1000	-138