

Voltage Controlled Oscillator

JTOS-EDR5958

Typical Performance Data

V TUNE	TUNE SENS (MHz/V)	FREQUENCY (MHz)			POWER OUTPUT (dBm)			HARMONICS (dBc)			FREQ. PUSH (MHz/V)	FREQ OFFSET (KHz)	PHASE NOISE (dBc/Hz)
		-55°C	+25°C	+85°C	-55°C	+25°C	+85°C	F2	F3	F4			
1.0	65.89	1899.5	1882.5	1863.5	9.95	9.94	8.94	-19.4	-32.8	-46.2	-1.22	1	-68
2.0	50.17	1945.4	1932.7	1916.2	9.72	10.06	9.16	-22.7	-35.9	-48.1	-0.58	10	-94
3.0	47.23	1987.5	1979.9	1964.2	9.89	10.46	9.37	-32.1	-37.4	-53.0	-0.37	100	-115
4.0	47.45	2033.4	2027.4	2011.5	10.04	10.55	9.47	-36.9	-46.2	-54.2	-0.56	1000	-135
5.0	47.63	2085.9	2075.0	2058.4	10.23	10.71	9.72	-29.2	-38.0	-53.6	-0.73		
6.0	47.70	2134.0	2122.7	2105.8	10.16	10.54	9.93	-26.8	-28.6	-53.8	-0.89		
7.0	47.16	2180.9	2169.9	2153.5	10.47	10.62	9.93	-29.9	-24.8	-56.8	-0.91		
8.0	47.82	2226.9	2217.7	2202.8	10.94	10.88	9.64	-29.4	-25.0	-58.9	-0.79		
9.0	49.86	2275.2	2267.6	2253.2	11.36	10.96	9.30	-29.2	-32.3	-60.3	-0.62		
10.0	51.50	2326.8	2319.1	2305.3	11.41	11.11	9.24	-32.7	-36.5	-60.0	-0.47		
11.0	53.90	2379.0	2373.0	2357.3	11.36	10.68	9.63	-35.9	-38.0	-57.8	-0.34		
12.0	54.26	2433.2	2427.2	2411.4	11.76	10.92	9.89	-39.4	-40.0	-56.3	-0.14		
13.0	54.38	2488.5	2481.6	2465.7	11.84	11.41	9.96	-43.7	-41.4	-56.3	0.03		
14.0	53.86	2541.8	2535.5	2518.3	11.66	11.22	10.43	-35.2	-41.3	-61.1	0.00		
15.0	51.77	2594.6	2587.2	2568.0	11.78	11.11	10.74	-29.4	-41.0	-58.4	-0.39		
16.0	48.62	2645.0	2635.9	2614.5	11.63	11.35	10.39	-27.3	-41.2	-54.5	-0.98		
17.0	44.76	2691.8	2680.6	2657.2	11.49	11.34	10.36	-27.7	-42.7	-51.2	-1.47		
18.0	41.03	2734.4	2721.7	2697.1	11.39	11.21	10.18	-27.7	-42.1	-48.2	-1.88		
19.0	37.88	2773.7	2759.5	2734.0	11.64	11.13	9.97	-25.8	-42.8	-50.7	-2.18		
20.0	35.16	2810.2	2794.7	2768.9	11.55	10.98	9.69	-26.8	-40.7	-61.6	-2.40		
21.0	33.68	2844.1	2828.4	2802.1	11.67	10.82	9.46	-24.8	-39.3	-48.8	-2.48		
22.0	31.65	2876.1	2860.0	2833.5	11.43	10.75	9.18	-25.1	-38.7	-43.5	-2.56		
23.0	30.11	2907.9	2890.1	2862.8	11.16	10.50	8.89	-23.9	-37.1	-41.6	-2.70		
24.0	28.21	2937.0	2918.4	2890.4	11.31	10.23	8.53	-23.4	-36.4	-40.1	-2.86		