

Voltage Controlled Oscillator

JTOS-ED11318/1

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	155.09	1805.9	1776.2	1741.6	5.54	6.54	6.68	-21.2	-47.5	-49.4	9.50	1	-66
1.5	160.71	1889.3	1856.7	1819.8	6.58	7.37	7.39	-20.7	-47.5	-46.3	8.26	10	-90
2.0	171.71	1974.7	1939.6	1900.9	7.22	7.89	7.93	-22.3	-49.6	-46.7	7.72	100	-111
2.5	171.42	2060.4	2024.3	1985.2	7.41	8.05	8.18	-23.2	-51.2	-46.4	7.29	1000	-132
3.0	159.64	2141.6	2105.4	2068.1	7.06	7.90	7.97	-24.7	-48.4	-48.2	4.68		
3.5	134.81	2213.5	2179.0	2143.9	6.89	7.63	7.72	-26.1	-47.0	-48.7	1.71		
4.0	111.99	2274.8	2242.1	2207.0	6.55	7.33	7.33	-27.7	-48.8	-49.5	0.80		
4.5	86.58	2323.5	2291.8	2258.0	6.43	7.20	7.29	-28.9	-53.0	-49.8	1.61		
5.0	67.18	2359.9	2330.4	2296.3	6.38	7.13	7.23	-30.4	-50.3	-50.8	3.68		
5.5	47.29	2386.0	2358.4	2325.2	6.55	7.07	7.24	-34.6	-50.1	-54.7	5.35		
6.0	34.88	2405.0	2378.8	2346.2	6.47	6.92	6.95	-32.4	-49.6	-55.9	7.04		
6.5	25.15	2418.6	2394.0	2361.4	6.36	6.82	6.76	-31.1	-49.6	-58.0	8.40		
7.0	18.88	2428.4	2405.1	2372.5	6.29	6.75	6.69	-31.5	-48.5	-56.4	9.40		