

Voltage Controlled Oscillator

MOS-2545-119+

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			
0.00	81.15	2293.5	2278.0	2266.3	1.91	1.75	1.52	-35.3	-47.7	-41.3	0.08	1	-75
0.25	75.87	2313.3	2298.3	2286.9	2.00	1.82	1.60	-34.9	-45.7	-40.2	0.06	10	-103
0.50	73.15	2332.2	2317.2	2306.0	2.05	1.91	1.73	-34.9	-44.0	-39.5	0.16	100	-124
0.75	71.50	2350.5	2335.5	2324.1	2.11	1.97	1.83	-34.1	-45.4	-39.4	0.24	1000	-144
1.00	70.59	2368.5	2353.4	2341.8	2.16	2.05	1.88	-32.9	-42.9	-38.5	0.31		
1.25	69.99	2386.3	2371.0	2359.2	2.15	2.12	1.96	-32.6	-42.1	-38.2	0.37		
1.50	69.90	2404.0	2388.5	2376.5	2.13	2.14	2.00	-31.7	-42.4	-38.6	0.44		
1.75	69.80	2421.8	2406.0	2393.6	2.12	2.14	2.01	-31.7	-42.4	-38.2	0.50		
2.00	69.83	2439.5	2423.5	2410.8	2.13	2.15	2.02	-30.8	-41.3	-38.1	0.56		
2.25	69.75	2457.2	2440.9	2427.9	2.21	2.18	2.04	-29.4	-40.2	-37.7	0.62		
2.50	69.77	2475.1	2458.4	2445.0	2.24	2.28	2.07	-29.5	-40.5	-37.6	0.67		
2.75	69.14	2492.8	2475.8	2462.1	2.15	2.34	2.13	-28.5	-38.6	-37.9	0.69		
3.00	67.62	2510.3	2493.1	2479.1	2.10	2.30	2.19	-28.3	-40.5	-37.2	0.66		
3.25	66.29	2527.5	2510.0	2495.8	2.16	2.24	2.13	-27.5	-39.4	-36.2	0.61		
3.50	63.85	2544.3	2526.6	2512.1	2.23	2.28	2.08	-26.7	-38.9	-35.9	0.50		
3.75	61.17	2560.7	2542.5	2527.9	2.21	2.38	2.10	-25.9	-35.7	-35.7	0.36		
4.00	57.18	2576.1	2557.8	2542.9	2.14	2.38	2.16	-25.8	-36.7	-36.0	0.19		
4.25	51.91	2590.4	2572.1	2557.0	2.02	2.33	2.14	-25.3	-36.7	-35.1	0.02		
4.50	47.18	2603.4	2585.1	2570.2	1.95	2.26	2.07	-24.1	-36.1	-34.5	0.10		
4.75	41.92	2615.3	2596.9	2581.9	1.91	2.20	1.97	-24.2	-37.7	-34.5	0.11		
5.00	36.82	2625.9	2607.4	2592.4	1.94	2.10	1.87	-23.8	-36.6	-34.5	0.08		
5.25	32.16	2635.2	2616.6	2601.6	1.97	2.07	1.81	-23.5	-37.0	-34.1	0.00		
5.50	28.08	2643.4	2624.6	2609.6	1.99	2.07	1.73	-23.5	-37.0	-33.9	0.12		
5.75	24.52	2650.4	2631.6	2616.6	1.95	2.06	1.68	-23.2	-36.1	-34.2	0.30		
6.00	21.49	2656.5	2637.8	2622.7	1.91	2.06	1.66	-23.2	-36.6	-33.8	0.45		
6.25	18.84	2661.9	2643.1	2628.0	1.88	2.07	1.64	-23.1	-37.5	-33.6	0.56		
6.50	16.76	2666.6	2647.8	2632.8	1.84	2.06	1.61	-23.0	-36.9	-33.9	0.65		
6.75	15.14	2670.8	2652.0	2637.0	1.79	2.04	1.60	-23.0	-36.5	-34.0	0.73		
7.00	15.14	2674.5	2655.8	2640.8	1.74	2.01	1.58	-22.8	-36.2	-34.6	0.80		