

Voltage Controlled Oscillator

ROS-ED7473B/2

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	132.80	1485.2	1452.6	1426.1	7.32	7.36	7.11	-14.5	-16.7	-26.8	1.23	1	-60
2.0	157.80	1647.5	1610.4	1582.2	7.69	7.70	7.13	-19.3	-19.5	-34.8	0.67	10	-87
3.0	161.60	1801.6	1771.9	1749.2	8.56	8.17	7.54	-21.3	-19.3	-30.5	2.02	100	-111
4.0	141.80	1934.7	1913.7	1898.9	9.31	8.59	7.65	-15.0	-19.7	-28.7	5.26	1000	-133
5.0	127.10	2055.4	2040.8	2031.3	9.14	8.47	7.51	-13.0	-23.0	-30.5	7.74		
6.0	113.30	2165.8	2154.0	2146.8	9.34	8.68	7.78	-11.5	-26.8	-29.5	9.10		
7.0	100.10	2266.1	2254.1	2246.8	9.80	8.87	7.71	-12.2	-33.0	-31.5	8.90		
8.0	88.90	2356.1	2343.0	2334.4	9.27	8.38	7.28	-15.3	-29.3	-36.8	7.38		
9.0	78.90	2438.6	2421.9	2409.8	8.93	7.87	6.76	-15.5	-24.8	-38.2	5.15		
10.0	64.70	2506.5	2486.6	2472.5	8.38	7.84	6.86	-15.5	-24.3	-38.2	3.87		
11.0	55.30	2563.2	2541.9	2526.8	8.06	7.26	6.49	-15.5	-24.5	-37.7	2.73		
12.0	47.50	2612.6	2589.4	2573.0	8.31	7.58	6.59	-16.0	-25.5	-39.2	1.81		
13.0	41.80	2654.6	2631.3	2614.1	8.36	7.61	6.80	-16.3	-26.3	-38.3	0.92		
14.0	36.20	2691.5	2667.5	2649.8	7.94	7.63	7.00	-16.2	-27.8	-38.8	0.31		
15.0	32.40	2724.6	2699.8	2681.4	7.70	7.32	6.71	-16.2	-28.3	-38.7	0.04		