

Voltage Controlled Oscillator

ROS-EDR6475

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			
0.5	7.22	379.0	377.7	376.3	2.16	2.39	2.21	-21.4	-38.5	-41.1	-0.25	1	-96
1.0	6.30	382.5	381.3	380.0	2.23	2.44	2.28	-21.7	-38.2	-41.4	-0.19	10	-119
1.5	5.76	385.6	384.4	383.2	2.29	2.48	2.32	-21.9	-38.7	-40.7	-0.17	100	-137
2.0	5.47	388.4	387.3	386.1	2.33	2.52	2.37	-22.2	-37.9	-41.2	-0.15	1000	-157
2.5	5.30	391.2	390.0	388.8	2.37	2.55	2.40	-22.5	-38.3	-40.8	-0.15		
3.0	5.23	393.8	392.7	391.5	2.40	2.58	2.44	-22.7	-38.7	-39.9	-0.15		
3.5	5.22	396.4	395.3	394.0	2.43	2.61	2.47	-22.8	-38.7	-39.6	-0.14		
4.0	5.28	399.1	397.9	396.6	2.46	2.63	2.51	-23.1	-38.9	-39.1	-0.15		
4.5	5.38	401.7	400.6	399.2	2.50	2.67	2.54	-23.3	-38.7	-39.4	-0.15		
5.0	5.51	404.4	403.2	401.9	2.54	2.71	2.58	-23.5	-38.7	-38.9	-0.14		
5.5	5.73	407.2	406.0	404.6	2.58	2.76	2.64	-23.7	-39.0	-39.2	-0.14		
6.0	5.97	410.1	408.9	407.4	2.62	2.81	2.69	-24.0	-39.2	-39.0	-0.14		
6.5	6.24	413.2	411.8	410.3	2.65	2.85	2.74	-24.3	-39.1	-38.1	-0.14		
7.0	6.55	416.4	415.0	413.4	2.67	2.89	2.78	-24.5	-39.2	-38.8	-0.16		
7.5	6.86	419.7	418.2	416.6	2.66	2.89	2.79	-24.7	-39.1	-38.3	-0.15		
8.0	7.18	423.2	421.7	420.0	2.62	2.88	2.77	-24.9	-39.8	-38.0	-0.17		
8.5	7.47	426.8	425.3	423.5	2.59	2.86	2.77	-25.1	-39.2	-37.7	-0.20		
9.0	7.66	430.6	429.0	427.2	2.55	2.84	2.74	-25.2	-39.5	-37.3	-0.24		
9.5	7.82	434.5	432.8	431.0	2.50	2.80	2.70	-25.6	-40.5	-37.0	-0.31		
10.0	7.84	438.5	436.7	434.8	2.44	2.75	2.66	-25.7	-40.2	-35.9	-0.40		
10.5	7.77	442.5	440.7	438.7	2.39	2.70	2.60	-25.9	-39.8	-36.8	-0.48		
11.0	7.62	446.4	444.5	442.6	2.34	2.64	2.53	-25.7	-40.8	-35.8	-0.57		
11.5	7.48	450.2	448.4	446.4	2.27	2.56	2.44	-25.7	-40.7	-35.9	-0.66		
12.0	7.48	454.0	452.1	450.1	2.18	2.45	2.32	-25.9	-40.9	-35.7	-0.70		