

Voltage Controlled Oscillator

ROS-EDR5410

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			
0.3	7.59	373.6	372.1	370.2	3.52	2.64	1.39	-28.5	-40.2	-33.4	0.03	1	-94
0.5	6.70	375.3	373.8	371.9	3.51	2.65	1.40	-28.4	-40.3	-33.2	0.04	10	-118
0.8	6.14	376.9	375.3	373.5	3.51	2.67	1.41	-28.2	-40.3	-32.9	0.04	100	-136
1.0	5.79	378.3	376.8	374.9	3.51	2.70	1.43	-28.1	-40.2	-32.7	0.04	1000	-151
1.3	5.56	379.8	378.2	376.3	3.51	2.73	1.44	-28.0	-40.0	-32.6	0.04		
1.5	5.40	381.2	379.5	377.7	3.50	2.74	1.43	-27.9	-39.6	-32.2	0.05		
1.8	5.30	382.5	380.8	379.0	3.51	2.77	1.43	-27.8	-39.3	-31.8	0.05		
2.0	5.25	383.9	382.2	380.4	3.52	2.79	1.42	-27.7	-39.0	-31.5	0.05		
2.3	5.20	385.2	383.5	381.7	3.54	2.81	1.42	-27.6	-38.8	-31.2	0.05		
2.5	5.18	386.5	384.8	383.0	3.56	2.83	1.41	-27.6	-38.7	-30.9	0.05		
2.8	5.20	387.8	386.1	384.4	3.58	2.85	1.40	-27.6	-38.5	-30.6	0.05		
3.0	5.27	389.2	387.4	385.7	3.61	2.86	1.40	-27.6	-38.4	-30.2	0.05		
3.3	5.31	390.5	388.7	387.1	3.66	2.88	1.40	-27.7	-38.2	-29.8	0.05		
3.5	5.35	391.8	390.0	388.4	3.71	2.91	1.40	-27.8	-38.0	-29.6	0.05		
3.8	5.47	393.2	391.4	389.8	3.76	2.92	1.40	-27.9	-37.7	-29.5	0.05		
4.0	5.61	394.5	392.8	391.2	3.81	2.92	1.40	-28.0	-37.5	-29.4	0.05		
4.3	5.72	395.9	394.2	392.7	3.86	2.93	1.40	-28.0	-37.4	-29.3	0.05		
4.5	5.77	397.4	395.7	394.1	3.90	2.94	1.40	-28.0	-37.3	-29.2	0.04		
4.8	5.88	398.9	397.1	395.6	3.93	2.95	1.40	-28.0	-37.2	-29.0	0.03		
5.0	6.04	400.4	398.7	397.1	3.96	2.95	1.40	-28.1	-37.3	-28.9	0.02		
5.3	6.24	401.9	400.2	398.7	3.99	2.93	1.40	-28.2	-37.4	-28.7	0.01		
5.5	6.47	403.5	401.8	400.3	4.02	2.91	1.39	-28.4	-37.4	-28.8	0.01		
5.8	6.69	405.1	403.5	402.0	4.02	2.88	1.38	-28.6	-37.5	-29.0	0.02		
6.0	6.96	406.8	405.2	403.7	4.00	2.84	1.37	-29.0	-37.4	-29.6	0.02		
6.3	7.26	408.5	407.1	405.5	3.95	2.80	1.36	-29.4	-37.3	-30.0	0.03		
6.5	7.52	410.4	408.9	407.3	3.89	2.76	1.35	-29.9	-37.3	-30.1	0.03		
6.8	7.76	412.3	410.9	409.2	3.82	2.72	1.34	-30.3	-37.5	-30.2	0.03		
7.0	7.99	414.3	412.9	411.2	3.75	2.67	1.33	-30.6	-37.7	-30.3	0.03		