

Voltage Controlled Oscillator

ROS-EDR4417/3

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	30.00	653.7	648.4	639.2	12.33	13.68	13.22	-11.9	-27.3	-33.3	1.34	1	-71
1.0	22.90	665.6	659.8	651.9	12.44	13.83	13.31	-11.6	-27.0	-32.9	1.34	10	-96
1.5	20.60	675.8	670.1	662.8	12.50	13.91	13.43	-11.4	-27.2	-33.0	1.47	100	-115
2.0	18.30	685.5	679.3	672.5	12.55	13.97	13.51	-11.2	-27.3	-32.7	1.47	1000	-136
2.5	17.70	694.5	688.1	681.7	12.58	13.98	13.52	-11.2	-27.5	-32.5	1.54		
3.0	17.30	703.6	696.8	690.5	12.62	13.96	13.50	-11.1	-27.9	-32.7	1.54		
3.5	17.50	711.9	705.5	699.2	12.63	13.93	13.43	-11.0	-28.8	-32.9	1.60		
4.0	17.20	720.4	714.1	707.8	12.59	13.92	13.43	-11.0	-29.1	-32.7	1.47		
4.5	17.40	729.1	722.8	716.4	12.58	13.87	13.40	-10.9	-29.1	-32.7	1.54		
5.0	17.50	737.7	731.6	725.3	12.53	13.85	13.34	-10.8	-28.8	-32.4	1.41		
5.5	17.70	746.6	740.4	734.3	12.53	13.78	13.29	-10.7	-29.4	-32.8	1.34		
6.0	18.60	755.5	749.7	743.5	12.52	13.68	13.25	-10.8	-30.1	-33.1	1.34		
6.5	20.00	765.1	759.7	752.8	12.53	13.61	13.17	-10.9	-30.1	-33.9	1.28		
7.0	20.20	774.8	769.8	762.8	12.50	13.53	13.08	-10.9	-28.9	-34.9	1.28		
7.5	21.40	784.8	780.5	773.1	12.47	13.45	13.02	-10.9	-27.9	-36.8	1.22		
8.0	21.80	794.6	791.4	783.6	12.42	13.42	12.96	-10.9	-28.3	-37.8	1.22		
8.5	22.00	805.2	802.4	793.9	12.30	13.38	12.92	-10.9	-29.1	-37.7	1.22		
9.0	22.40	816.3	813.6	805.1	12.17	13.35	12.71	-10.9	-28.8	-37.1	1.28		
9.5	21.60	827.6	824.4	816.5	12.06	13.34	12.50	-11.0	-28.1	-36.3	1.28		
10.0	21.80	839.0	835.3	828.3	11.91	13.31	12.38	-11.1	-27.4	-35.9	1.41		
10.5	20.70	850.6	845.6	840.3	11.83	13.27	12.22	-11.1	-27.2	-36.4	1.34		
11.0	21.20	861.8	856.3	852.0	11.67	13.11	12.06	-11.3	-26.4	-37.4	1.47		
11.5	22.00	873.0	867.3	863.4	11.47	12.83	11.87	-11.6	-25.2	-39.2	1.60		
12.0	21.90	884.4	878.2	874.7	11.16	12.54	11.70	-11.9	-24.5	-42.3	1.60		
12.5	22.40	895.3	889.4	886.1	10.92	12.19	11.49	-12.3	-23.8	-52.9	1.60		
13.0	22.70	906.1	900.7	897.0	10.66	11.86	11.30	-12.5	-23.1	-52.7	1.60		
13.5	22.40	916.5	911.9	907.5	10.40	11.47	11.12	-12.9	-22.0	-45.9	1.73		
14.0	21.80	927.2	922.8	917.8	10.15	11.19	10.89	-13.3	-21.6	-43.4	1.66		
14.5	20.20	937.3	932.9	928.3	9.88	11.00	10.66	-13.8	-21.5	-41.7	1.73		
15.0	19.50	947.2	942.7	938.1	9.60	10.84	10.49	-14.5	-21.5	-40.3	1.66		
15.5	18.70	956.4	952.0	947.6	9.46	10.69	10.32	-15.1	-21.5	-40.3	1.41		
16.0	17.50	965.4	960.8	956.5	9.32	10.54	10.25	-15.7	-21.4	-39.3	1.28		