

Voltage Controlled Oscillator

ROS-EDR4981/1

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	20.12	767.2	762.3	759.5	5.36	5.76	5.58	-26.2	-36.4	-33.3	-0.17	1	-85
0.5	17.26	771.5	766.6	763.9	5.43	5.82	5.61	-26.5	-35.7	-33.3	-0.16	10	-106
0.8	15.47	775.4	770.4	767.9	5.44	5.84	5.62	-27.0	-35.7	-33.3	-0.15	100	-128
1.0	14.26	778.9	774.0	771.5	5.50	5.86	5.62	-27.5	-35.4	-33.6	-0.15	1000	-148
1.3	13.39	782.2	777.3	774.9	5.55	5.87	5.60	-27.7	-35.1	-33.8	-0.14		
1.5	12.74	785.4	780.5	778.1	5.58	5.88	5.61	-28.2	-34.9	-34.0	-0.14		
1.8	12.25	788.5	783.6	781.2	5.60	5.89	5.63	-28.5	-34.4	-33.9	-0.14		
2.0	11.88	791.5	786.6	784.1	5.61	5.89	5.64	-28.8	-34.4	-33.8	-0.14		
2.3	11.63	794.4	789.5	787.0	5.62	5.89	5.64	-28.9	-34.2	-33.5	-0.14		
2.5	11.44	797.3	792.3	789.9	5.62	5.89	5.63	-30.2	-34.2	-33.4	-0.14		
2.8	11.32	800.2	795.2	792.7	5.62	5.88	5.62	-29.6	-34.1	-33.3	-0.14		
3.0	11.22	803.0	798.0	795.5	5.59	5.88	5.60	-29.7	-33.8	-33.4	-0.14		
3.3	11.19	805.9	800.8	798.3	5.54	5.87	5.58	-29.9	-33.7	-33.6	-0.14		
3.5	11.22	808.7	803.6	801.1	5.53	5.85	5.55	-29.9	-33.6	-33.9	-0.15		
3.8	11.35	811.5	806.4	803.9	5.52	5.82	5.51	-30.3	-33.4	-34.2	-0.15		
4.0	11.58	814.3	809.3	806.8	5.51	5.77	5.46	-30.5	-33.6	-34.4	-0.16		
4.3	11.52	817.1	812.2	809.6	5.49	5.75	5.44	-30.4	-33.5	-34.2	-0.15		
4.5	11.38	820.0	815.0	812.4	5.48	5.75	5.42	-30.8	-33.1	-34.4	-0.16		
4.8	11.64	822.9	817.9	815.3	5.44	5.73	5.39	-31.1	-32.9	-34.3	-0.17		
5.0	11.91	825.9	820.9	818.2	5.48	5.72	5.37	-31.1	-32.5	-34.1	-0.17		
5.3	12.14	829.0	823.9	821.2	5.47	5.69	5.34	-31.5	-32.7	-34.2	-0.18		
5.5	12.44	832.2	827.1	824.3	5.45	5.66	5.32	-31.8	-32.9	-34.4	-0.18		
5.8	12.74	835.4	830.2	827.4	5.41	5.63	5.29	-32.0	-33.4	-34.8	-0.19		
6.0	12.98	838.8	833.5	830.5	5.38	5.60	5.26	-32.3	-34.2	-34.8	-0.19		
6.3	13.21	842.2	836.8	833.8	5.38	5.56	5.22	-32.6	-33.5	-35.3	-0.19		
6.5	13.49	845.6	840.2	837.1	5.35	5.52	5.17	-32.6	-32.8	-35.0	-0.20		
6.8	13.74	849.3	843.6	840.5	5.32	5.49	5.15	-32.9	-32.4	-34.9	-0.20		
7.0	13.99	852.9	847.1	843.8	5.25	5.45	5.16	-33.1	-32.5	-34.6	-0.21		