

Voltage Controlled Oscillator

ROS-ED8185/2

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			
0.50	28.72	371.12	368.30	366.08	4.21	4.31	3.97	-23.04	-45.39	-35.80	0.56	1	-85
1.00	25.01	383.83	380.81	378.34	4.39	4.53	4.26	-24.10	-43.53	-34.07	0.41	10	-109
1.50	23.47	395.81	392.55	389.84	4.59	4.68	4.45	-25.17	-42.28	-32.60	0.33	100	-129
2.00	22.59	407.39	403.84	400.94	4.75	4.86	4.58	-26.05	-41.12	-31.18	0.30	1000	-149
2.50	22.05	418.71	414.87	411.86	4.90	4.99	4.65	-26.64	-39.95	-30.18	0.33		
3.00	21.50	429.78	425.62	422.71	4.98	5.06	4.62	-27.15	-39.28	-29.29	0.44		
3.50	20.98	440.51	436.11	433.48	5.00	5.01	4.45	-27.62	-39.23	-29.03	0.62		
4.00	20.79	450.80	446.50	444.08	4.92	4.80	4.20	-28.03	-39.53	-28.80	0.74		
4.50	20.51	460.58	456.76	454.36	4.81	4.47	3.92	-28.55	-38.86	-28.99	0.77		
5.00	19.68	469.98	466.60	464.14	4.54	4.11	3.60	-28.86	-37.02	-29.25	0.76		



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RF/MW MICROWAVE COMPONENTS



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