

Voltage Controlled Oscillator

ROS-ED10795/1

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			
2.0	41.03	385.5	375.2	368.1	10.21	9.75	9.25	-21.1	-47.3	-52.5	4.61	1	-79
4.0	32.30	451.4	448.8	447.1	8.44	8.35	7.97	-27.0	-42.5	-50.5	1.80	10	-100
6.0	26.30	507.4	505.8	504.8	7.54	7.22	6.88	-36.0	-41.2	-56.5	1.14	100	-120
8.0	23.51	558.0	556.5	555.3	6.52	6.12	6.05	-33.0	-40.7	-41.2	1.24	1000	-140
10.0	22.63	602.8	601.3	600.5	6.93	5.58	5.45	-29.2	-54.2	-35.0	1.30		
12.0	23.61	648.4	647.2	646.7	5.96	4.60	4.23	-29.1	-44.6	-34.7	1.41		
14.0	24.88	697.4	695.4	692.8	5.09	3.72	3.38	-29.2	-35.4	-33.8	1.16		
16.0	24.92	750.6	745.5	741.2	4.42	3.32	2.97	-31.1	-29.3	-35.5	0.52		
18.0	21.38	798.2	792.2	787.4	4.68	3.54	3.04	-36.0	-29.3	-34.9	0.60		
20.0	38.10	839.3	839.3	840.6	4.24	1.87	0.13	-42.3	-33.9	-40.0	0.39		
22.0	16.98	892.2	886.5	880.6	-0.17	-0.26	-0.49	-40.8	-26.5	-38.4	1.25		