

Voltage Controlled Oscillator

ROS-ED10866A/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			
0.5	16.40	748.4	746.2	743.2	5.07	6.85	6.85	-27.9	-54.5	-51.9	0.28	1	-86
1.0	16.33	756.6	754.3	751.3	4.89	6.80	6.89	-28.3	-54.1	-50.4	0.25	10	-108
1.5	17.33	765.1	762.7	759.5	4.74	6.73	6.87	-28.9	-53.9	-49.6	0.24	100	-130
2.0	18.79	774.3	771.7	768.3	4.58	6.61	6.79	-29.8	-53.9	-48.8	0.27	1000	-148
2.5	19.86	784.3	781.4	777.7	4.39	6.46	6.72	-30.8	-54.1	-48.5	0.39		
3.0	19.43	794.4	791.3	787.5	4.16	6.30	6.64	-31.9	-52.9	-47.9	0.60		
3.5	16.91	803.8	800.5	796.6	3.95	6.13	6.56	-33.2	-52.8	-47.3	0.78		
4.0	12.86	811.3	808.1	804.3	3.80	5.98	6.47	-34.3	-52.1	-46.1	0.79		
4.5	8.63	816.5	813.6	809.9	3.71	5.86	6.40	-34.9	-52.5	-45.8	0.60		
5.0	5.45	819.8	817.3	813.8	3.65	5.78	6.32	-35.3	-52.9	-45.6	0.35		
5.5	3.59	822.0	819.7	816.3	3.62	5.74	6.27	-35.7	-52.0	-45.1	0.16		
6.0	2.56	823.5	821.3	817.9	3.60	5.71	6.25	-36.0	-52.2	-45.0	0.06		