

Voltage Controlled Oscillator

ROS-ED10780/1

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	13.76	548.2	546.5	544.9	1.27	0.68	0.27	-19.6	-32.6	-43.5	0.03	1	-92
1.0	10.96	554.3	552.9	551.4	1.28	0.67	0.28	-20.0	-33.4	-42.9	0.01	10	-115
1.5	10.13	559.6	558.2	556.7	1.27	0.67	0.31	-20.4	-33.5	-42.3	0.02	100	-135
2.0	9.65	564.5	563.2	561.6	1.25	0.68	0.33	-20.7	-34.2	-42.1	0.01	1000	-155
2.5	9.30	569.3	567.9	566.3	1.22	0.71	0.38	-21.0	-34.5	-41.9	0.03		
3.0	9.15	574.1	572.5	570.8	1.20	0.75	0.42	-21.4	-34.9	-42.2	0.03		
3.5	9.37	578.9	577.1	575.3	1.13	0.78	0.44	-21.8	-35.5	-42.4	0.03		
4.0	9.45	583.9	582.0	579.8	1.12	0.80	0.47	-21.9	-36.0	-42.6	0.04		