

Voltage Controlled Oscillator

ROS-ED7149/2

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			
0.5	29.00	862.8	858.2	854.8	9.73	9.45	9.04	-22.6	-37.4	-47.3	0.27	1	-85
1.0	25.70	875.7	871.1	867.5	10.06	9.77	9.44	-24.3	-36.4	-46.3	0.24	10	-107
1.5	24.70	888.3	883.4	879.7	9.96	9.94	9.67	-25.8	-35.6	-45.1	0.23	100	-127
2.0	24.70	900.8	895.8	891.9	9.76	9.75	9.58	-27.2	-34.2	-42.2	0.22	1000	-147
2.5	24.90	913.5	908.2	904.2	9.31	9.34	9.38	-28.4	-33.4	-39.4	0.23		
3.0	25.60	926.5	921.0	916.8	9.06	9.16	8.96	-29.2	-32.2	-36.5	0.25		
3.5	26.00	939.7	934.0	929.7	8.82	8.91	8.68	-30.2	-31.5	-34.2	0.28		
4.0	26.20	952.9	947.2	942.7	8.63	8.60	8.41	-31.1	-30.4	-32.4	0.34		
4.5	26.10	966.0	960.2	955.7	8.34	8.34	8.10	-32.0	-29.0	-31.9	0.40		
5.0	26.00	979.0	973.2	968.6	8.15	7.99	7.83	-32.9	-28.5	-31.5	0.47		