

Voltage Controlled Oscillator

ROS-EDR4348

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	29.10	1223.2	1219.0	1215.6	4.31	4.09	3.71	-23.8	-30.3	-29.5	0.45	1	-83
1.0	25.70	1235.8	1231.9	1228.5	3.79	3.43	3.20	-23.0	-28.3	-29.0	0.38	10	-106
1.5	23.20	1248.5	1243.5	1239.4	4.59	4.17	3.38	-23.4	-29.4	-29.4	0.38	100	-128
2.0	26.10	1261.8	1256.5	1252.2	4.15	3.97	3.68	-23.2	-28.5	-29.2	0.38	1000	-146
2.5	26.60	1275.1	1269.8	1265.2	3.47	3.45	3.24	-23.0	-27.7	-28.7	0.45		
3.0	25.50	1288.4	1282.6	1277.9	3.86	3.40	2.73	-23.3	-27.3	-27.8	0.45		
3.5	27.60	1302.7	1296.4	1291.0	3.36	3.31	3.12	-23.3	-26.4	-28.5	0.32		
4.0	28.00	1316.5	1310.4	1304.8	2.65	2.68	2.64	-23.4	-24.9	-27.7	0.32		
4.5	25.30	1330.1	1323.1	1317.8	3.29	2.97	2.07	-24.2	-25.8	-27.0	0.26		
5.0	27.80	1344.1	1337.0	1330.6	2.76	2.84	2.74	-24.5	-24.9	-27.7	0.26		