

Voltage Controlled Oscillator

ROS-ED8221C/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			
1.0	10.15	1051.6	1048.3	1045.2	3.31	3.42	3.23	-17.1	-26.5	-43.4	0.21	1	-88
2.0	10.39	1062.0	1058.5	1055.3	3.19	3.29	3.14	-17.3	-26.6	-43.1	0.27	10	-111
3.0	10.63	1072.6	1069.1	1065.7	2.99	3.10	3.02	-17.8	-27.1	-42.9	0.28	100	-131
4.0	10.09	1083.1	1079.5	1076.1	2.70	2.89	2.90	-18.5	-27.6	-42.4	0.24	1000	-149
5.0	9.04	1092.7	1089.2	1085.7	2.48	2.71	2.78	-19.5	-28.2	-42.1	0.17		
6.0	7.88	1101.1	1097.7	1094.4	2.26	2.56	2.68	-21.2	-29.1	-42.1	0.06		
7.0	6.88	1108.2	1105.1	1102.0	2.14	2.48	2.63	-23.6	-30.5	-42.3	0.09		
8.0	6.13	1114.4	1111.7	1108.7	2.23	2.52	2.66	-26.4	-32.1	-43.5	0.26		
9.0	5.61	1120.0	1117.5	1114.8	2.45	2.67	2.76	-26.6	-34.1	-45.0	0.43		
10.0	5.29	1125.3	1123.0	1120.4	2.73	2.90	2.94	-23.7	-35.9	-44.3	0.59		
11.0	5.07	1130.5	1128.2	1125.7	3.01	3.13	3.16	-20.9	-36.9	-43.2	0.69		
12.0	4.84	1135.7	1133.2	1130.6	3.19	3.36	3.35	-18.9	-36.6	-41.8	0.73		