

Voltage Controlled Oscillator

ROS-ED8221A/5

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	15.01	1020.4	1015.7	1010.5	1.03	1.76	1.81	-13.3	-32.7	-30.8	0.25	1	-86
2.0	11.45	1031.8	1027.1	1021.9	1.49	2.32	2.35	-13.7	-33.5	-31.5	0.31	10	-110
3.0	10.45	1042.3	1037.6	1032.3	1.87	2.72	2.84	-14.2	-35.2	-32.7	0.35	100	-130
4.0	10.30	1052.8	1047.9	1042.5	2.33	3.24	3.24	-14.5	-36.2	-33.5	0.32	1000	-148
5.0	10.67	1063.6	1058.6	1053.0	2.53	3.51	3.74	-15.2	-38.0	-34.5	0.35		
6.0	11.44	1075.3	1070.0	1064.2	2.76	3.58	4.01	-15.7	-39.7	-35.0	0.41		
7.0	12.59	1088.1	1082.6	1076.5	2.96	3.94	4.25	-16.0	-41.5	-35.8	0.40		
8.0	14.02	1102.4	1096.6	1090.2	3.37	4.35	4.53	-16.5	-43.7	-36.7	0.38		
9.0	15.46	1118.2	1112.1	1105.4	3.82	4.81	4.96	-17.0	-45.2	-37.3	0.22		
10.0	16.52	1134.9	1128.6	1121.6	4.32	5.26	5.48	-17.5	-43.0	-37.5	0.11		