

Voltage Controlled Oscillator

ROS-ED8419C/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			
1.0	35.07	951.4	940.0	927.7	8.12	9.01	9.12	-17.8	-33.0	-32.2	1.69	1	-77
2.0	32.44	984.4	973.5	960.9	8.40	9.09	9.18	-17.9	-34.2	-31.8	2.09	10	-100
3.0	29.76	1015.0	1004.2	992.5	8.17	9.18	9.28	-18.0	-32.5	-31.0	2.10	100	-119
4.0	29.46	1045.3	1034.7	1023.6	8.62	9.27	9.15	-18.0	-30.5	-29.5	2.17	1000	-134
5.0	35.21	1076.3	1065.3	1053.9	8.60	9.24	9.53	-17.9	-27.9	-29.3	2.61		
6.0	33.17	1108.6	1098.1	1086.7	8.71	9.37	9.33	-17.7	-26.5	-31.1	2.57		
7.0	34.86	1142.6	1132.4	1121.9	8.64	9.29	9.42	-17.9	-25.8	-33.5	2.49		
8.0	37.62	1179.7	1169.4	1158.5	8.40	9.12	9.09	-18.4	-25.2	-33.3	2.44		
9.0	44.91	1220.8	1210.1	1199.0	8.10	8.79	8.84	-18.0	-24.6	-32.2	2.60		
10.0	45.41	1263.9	1252.9	1242.0	7.88	8.57	8.70	-18.4	-23.4	-31.3	2.39		
11.0	44.73	1308.3	1296.9	1285.9	7.69	8.30	8.39	-18.7	-22.9	-30.9	2.16		
12.0	42.14	1351.5	1340.2	1329.4	7.23	7.98	8.20	-19.4	-21.8	-29.8	1.94		
13.0	38.86	1392.1	1380.7	1369.8	6.94	7.67	7.88	-20.5	-20.7	-30.0	1.74		
14.0	35.38	1429.5	1418.0	1407.4	6.69	7.41	7.44	-21.6	-20.6	-29.9	1.55		
15.0	33.52	1463.0	1452.0	1441.4	6.25	7.01	7.13	-22.1	-20.6	-33.2	1.33		
16.0	32.40	1494.9	1484.3	1473.9	6.07	6.83	6.88	-22.7	-22.4	-47.7	1.39		
17.0	30.19	1527.4	1515.5	1504.1	6.19	6.81	6.92	-24.4	-23.9	-37.5	1.93		
18.0	26.87	1556.1	1543.3	1531.3	6.35	6.82	6.86	-26.0	-24.0	-35.6	2.26		
19.0	24.36	1581.8	1568.9	1556.4	6.40	6.86	6.89	-26.6	-23.3	-33.5	2.47		
20.0	23.35	1605.6	1592.4	1579.7	6.36	6.84	6.93	-26.3	-22.9	-32.9	2.68		
21.0	21.79	1627.9	1614.7	1601.8	6.43	6.91	6.81	-25.5	-22.7	-32.6	2.81		
22.0	19.87	1648.4	1635.2	1622.5	6.32	6.89	6.81	-24.5	-22.7	-32.0	2.76		