

Voltage Controlled Oscillator

ROS-EDR5724

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	13.39	181.0	179.9	178.8	6.40	6.17	5.14	-18.4	-44.4	-55.0	-0.04	1	-91
1.0	10.94	186.4	185.4	184.4	6.44	6.26	5.46	-19.4	-44.5	-54.5	-0.03	10	-114
1.5	9.75	191.3	190.3	189.3	6.51	6.35	5.68	-20.3	-44.5	-54.3	-0.03	100	-133
2.0	9.10	195.8	194.8	193.8	6.59	6.45	5.85	-21.2	-44.6	-54.1	-0.03	1000	-147
2.5	8.73	200.2	199.2	198.2	6.67	6.55	6.00	-22.0	-44.6	-53.1	-0.03		
3.0	8.54	204.5	203.4	202.4	6.76	6.66	6.14	-22.8	-45.0	-53.1	-0.03		
3.5	8.47	208.7	207.7	206.6	6.86	6.78	6.28	-23.6	-45.0	-52.2	-0.03		
4.0	8.51	213.0	211.9	210.9	6.96	6.91	6.42	-24.4	-45.1	-52.9	-0.02		
4.5	8.61	217.3	216.2	215.1	7.06	7.06	6.57	-25.2	-45.3	-52.3	-0.02		
5.0	8.76	221.8	220.6	219.5	7.19	7.23	6.73	-26.0	-45.8	-51.9	-0.02		
5.5	8.94	226.3	225.1	223.9	7.35	7.40	6.91	-26.7	-46.0	-51.6	-0.02		
6.0	9.12	230.8	229.6	228.5	7.53	7.59	7.11	-27.5	-45.9	-51.9	-0.03		
6.5	9.26	235.5	234.3	233.1	7.72	7.76	7.31	-28.2	-46.3	-51.9	-0.03		
7.0	9.33	240.2	238.9	237.7	7.90	7.90	7.49	-29.0	-46.7	-52.6	-0.03		
7.5	9.36	244.8	243.6	242.4	8.03	7.99	7.60	-29.7	-47.0	-52.5	-0.04		
8.0	9.31	249.5	248.3	247.0	8.04	8.01	7.65	-30.5	-47.2	-53.1	-0.04		
8.5	9.17	254.1	252.9	251.6	7.95	7.99	7.68	-31.1	-47.4	-52.8	-0.04		
9.0	8.96	258.6	257.3	256.1	7.85	7.92	7.61	-31.7	-47.8	-51.7	-0.03		
9.5	8.70	263.0	261.7	260.4	7.66	7.76	7.46	-32.3	-48.6	-50.7	-0.03		
10.0	8.44	267.2	265.9	264.7	7.41	7.53	7.23	-32.6	-48.6	-49.9	-0.03		
10.5	8.15	271.3	270.0	268.7	7.11	7.22	6.93	-32.8	-48.8	-49.7	-0.04		
11.0	7.88	275.2	273.9	272.7	6.75	6.85	6.56	-32.9	-48.8	-48.9	-0.04		
11.5	7.61	279.0	277.7	276.5	6.35	6.42	6.16	-32.9	-49.2	-48.9	-0.04		
12.0	7.31	282.6	281.4	280.2	5.91	5.97	5.72	-32.9	-48.8	-48.4	-0.04		