

Voltage Controlled Oscillator

ROS-EDR5535

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	14.33	739.3	738.5	736.4	4.68	4.75	4.77	-25.6	-45.2	-44.6	-0.05	1	-90
1.0	11.36	745.0	744.2	742.1	4.74	4.84	4.90	-26.3	-44.6	-44.4	-0.04	10	-116
1.5	10.74	750.6	749.5	747.2	4.86	4.90	4.95	-27.0	-44.1	-44.7	-0.04	100	-133
2.0	9.78	755.2	754.4	752.2	5.00	5.06	5.04	-27.6	-43.7	-44.8	-0.04	1000	-149
2.5	8.84	759.7	758.8	756.7	5.11	5.18	5.18	-28.0	-43.6	-44.7	-0.04		
3.0	8.60	764.0	763.1	761.0	5.22	5.30	5.30	-28.4	-43.5	-44.9	-0.03		
3.5	8.49	768.2	767.4	765.2	5.35	5.43	5.43	-28.9	-43.2	-45.5	-0.03		
4.0	8.48	772.5	771.6	769.5	5.52	5.59	5.60	-29.5	-43.1	-46.0	-0.03		
4.5	8.57	776.8	775.9	773.7	5.66	5.73	5.74	-30.1	-43.0	-46.4	-0.03		
5.0	8.68	781.1	780.3	778.0	5.80	5.87	5.87	-30.5	-42.7	-46.8	-0.04		
5.5	8.87	785.6	784.7	782.5	5.97	6.03	6.03	-31.0	-42.1	-47.6	-0.04		
6.0	9.12	790.1	789.2	787.0	6.13	6.20	6.20	-31.7	-41.5	-48.9	-0.05		
6.5	9.44	794.9	794.0	791.8	6.25	6.34	6.36	-32.4	-41.1	-51.1	-0.05		
7.0	10.49	800.2	799.2	796.7	6.51	6.52	6.52	-32.9	-40.7	-55.2	-0.06		
7.5	10.74	805.4	804.6	802.3	6.75	6.79	6.76	-33.6	-40.1	-61.6	-0.07		
8.0	10.90	810.8	810.0	807.9	6.97	7.01	7.01	-34.3	-39.5	-56.7	-0.09		
8.5	11.34	816.5	815.7	813.5	7.18	7.23	7.23	-35.1	-39.2	-51.1	-0.10		
9.0	11.65	822.3	821.5	819.3	7.41	7.47	7.47	-35.8	-39.0	-47.5	-0.09		
9.5	11.70	828.2	827.4	825.1	7.69	7.75	7.75	-36.5	-39.0	-44.9	-0.09		
10.0	11.50	834.0	833.1	830.8	7.98	8.07	8.06	-37.2	-39.2	-43.6	-0.09		