

Voltage Controlled Oscillator

ROS-ED10767A/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	85.19	1659.0	1640.0	1626.9	8.30	7.87	6.99	-16.3	-24.7	-51.7	1.04	1	-69
2.0	85.57	1742.1	1722.4	1709.2	8.14	7.78	6.87	-17.7	-27.5	-48.5	1.12	10	-95
3.0	89.43	1831.2	1809.7	1794.8	8.18	7.78	6.78	-18.5	-29.9	-44.4	1.15	100	-115
4.0	95.67	1925.9	1903.8	1887.3	8.15	7.74	6.70	-19.6	-33.9	-43.2	1.07	1000	-134
5.0	97.71	2022.7	2001.5	1984.4	8.14	7.74	6.73	-18.2	-40.3	-45.8	0.63		
6.0	91.00	2116.5	2096.6	2079.5	8.23	7.82	6.88	-17.2	-56.2	-41.1	0.30		
7.0	87.42	2204.5	2185.1	2167.8	8.33	7.89	7.05	-17.4	-44.2	-43.0	0.13		
8.0	79.85	2286.3	2266.8	2248.6	8.34	8.01	7.24	-16.4	-38.2	-44.5	0.25		
9.0	71.49	2360.4	2341.0	2322.7	8.34	8.19	7.63	-17.4	-35.2	-43.9	0.35		
10.0	64.43	2428.5	2409.6	2391.3	8.47	8.23	7.58	-16.3	-34.1	-44.2	0.46		
11.0	61.52	2492.1	2472.9	2453.6	8.47	8.31	7.84	-17.4	-33.8	-43.0	0.61		
12.0	57.10	2550.2	2530.8	2511.3	8.42	8.39	8.03	-18.8	-35.0	-44.2	0.74		
13.0	48.83	2605.3	2585.0	2564.8	8.56	8.55	8.24	-20.0	-36.6	-44.2	0.77		
14.0	45.91	2654.0	2632.7	2612.3	8.68	8.71	8.32	-21.1	-38.0	-43.9	0.84		
15.0	43.00	2698.1	2676.3	2655.1	8.92	8.88	8.61	-22.4	-40.1	-43.6	0.80		
16.0	36.67	2737.4	2715.0	2694.2	9.14	9.05	8.67	-23.2	-42.9	-42.4	0.81		
17.0	33.45	2773.0	2749.8	2728.9	9.05	9.11	8.71	-24.1	-42.4	-40.8	0.79		
18.0	30.36	2804.7	2781.7	2760.7	9.16	9.12	8.79	-25.0	-42.6	-39.5	0.69		
19.0	27.59	2833.3	2810.7	2790.0	8.91	9.06	8.73	-25.9	-44.9	-39.7	0.68		
20.0	25.88	2860.6	2837.1	2816.3	8.97	8.92	8.77	-27.0	-44.3	-41.4	0.63		
21.0	23.99	2886.0	2862.1	2840.3	8.91	8.73	8.39	-28.2	-41.8	-42.8	0.58		
22.0	21.66	2909.3	2885.1	2862.9	8.67	8.59	8.16	-29.5	-40.8	-44.9	0.53		
23.0	19.40	2930.1	2905.5	2883.2	8.45	8.35	8.02	-30.6	-41.4	-45.5	0.45		
24.0	16.49	2948.9	2923.3	2900.7	8.29	8.25	7.89	-31.3	-40.5	-46.3	0.39		
25.0	14.82	2965.3	2938.9	2915.9	8.13	8.10	7.78	-32.5	-40.4	-47.7	0.39		