

Voltage Controlled Oscillator

ROS-ED7751A/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	62.80	3002.5	2988.4	2972.2	3.49	3.50	2.83	-23.2	-40.0	-48.5	1.89	1	-70
2.0	59.70	3068.8	3048.0	3028.1	2.04	2.63	2.66	-23.5	-37.3	-45.0	2.33	10	-88
3.0	62.90	3134.3	3110.9	3091.1	1.75	2.33	2.04	-22.8	-38.0	-44.3	2.58	100	-110
4.0	57.00	3192.2	3167.9	3143.6	1.36	2.05	1.70	-21.7	-37.5	-47.0	2.84	1000	-130
5.0	40.70	3234.0	3208.6	3186.9	0.39	1.50	1.56	-21.7	-38.0	-45.3	2.56		
6.0	31.30	3269.3	3239.9	3216.7	-0.06	0.81	0.93	-22.3	-38.3	-45.8	2.59		
7.0	24.30	3291.8	3254.2	3238.4	-0.22	0.40	0.32	-22.5	-38.2	-45.5	2.28		
8.0	15.10	3306.1	3279.3	3254.0	-0.34	0.29	-0.05	-22.3	-38.8	-45.0	1.97		
9.0	9.30	3315.6	3288.6	3264.1	-0.50	0.24	-0.23	-22.5	-39.0	-44.7	1.21		
10.0	6.10	3322.2	3294.7	3271.2	-0.55	0.15	-0.35	-22.3	-38.8	-43.2	1.32		