

Voltage Controlled Oscillator

ROS-EDR5392

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	24.04	688.8	686.2	684.1	2.78	3.19	2.95	-24.4	-22.6	-48.6	-0.61	1	-78
1.0	18.94	698.1	695.7	693.6	2.44	2.83	2.71	-21.0	-20.5	-42.1	-0.42	10	-112
1.5	15.52	705.8	703.4	701.3	2.41	2.74	2.67	-21.2	-19.9	-40.2	-0.27	100	-135
2.0	13.42	712.5	710.1	708.1	2.39	2.69	2.64	-20.8	-19.4	-38.9	-0.20	1000	-151
2.5	12.33	718.5	716.3	714.3	2.39	2.70	2.58	-20.3	-18.9	-38.8	-0.15		
3.0	11.56	724.2	722.1	720.0	2.46	2.70	2.55	-20.1	-18.8	-39.0	-0.12		
3.5	10.98	729.6	727.6	725.5	2.53	2.70	2.57	-20.2	-18.6	-38.4	-0.09		
4.0	10.53	734.8	732.8	730.8	2.59	2.73	2.57	-20.4	-18.3	-38.6	-0.07		
4.5	10.20	739.8	737.9	735.9	2.64	2.75	2.58	-20.3	-18.2	-38.0	-0.06		
5.0	9.97	744.8	742.9	740.9	2.70	2.78	2.58	-19.9	-18.3	-38.7	-0.05		
5.5	9.77	749.8	747.8	745.8	2.74	2.82	2.60	-19.2	-18.4	-40.2	-0.04		
6.0	9.73	754.6	752.7	750.7	2.76	2.84	2.62	-18.6	-18.3	-40.9	-0.03		
6.5	9.63	759.5	757.5	755.5	2.76	2.83	2.64	-17.8	-18.3	-41.1	-0.03		
7.0	9.49	764.3	762.2	760.3	2.73	2.88	2.63	-17.3	-18.3	-44.3	-0.03		
7.5	9.54	769.1	767.0	765.0	2.77	2.91	2.59	-17.1	-18.4	-56.7	-0.03		
8.0	9.57	774.0	771.8	769.8	2.79	2.93	2.63	-17.1	-18.5	-49.3	-0.02		
8.5	9.61	778.8	776.6	774.6	2.79	2.94	2.66	-17.3	-18.6	-44.3	-0.02		
9.0	9.63	783.7	781.4	779.4	2.79	2.95	2.66	-17.3	-18.4	-45.7	-0.03		
9.5	9.65	788.6	786.2	784.2	2.79	2.95	2.66	-17.2	-18.4	-42.9	-0.03		
10.0	9.70	793.4	791.1	789.0	2.78	2.93	2.64	-17.0	-18.7	-38.2	-0.04		
10.5	9.68	798.3	795.9	793.9	2.76	2.91	2.62	-16.9	-18.9	-36.9	-0.06		
11.0	9.64	803.1	800.7	798.7	2.72	2.87	2.58	-16.8	-19.1	-37.7	-0.08		
11.5	9.59	807.8	805.5	803.6	2.68	2.81	2.51	-16.9	-19.3	-39.0	-0.10		
12.0	9.53	812.4	810.3	808.3	2.60	2.70	2.43	-17.2	-19.5	-40.4	-0.13		