

Voltage Controlled Oscillator

ROS-766+

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			
0.0	13.80	716.0	712.6	710.1	-0.37	0.11	0.26	-22.6	-35.3	-30.1	0.03	1	-91
0.3	12.67	719.4	716.0	713.7	-0.33	0.15	0.31	-22.7	-35.6	-30.3	0.02	10	-113
0.5	12.07	722.5	719.2	716.9	-0.29	0.20	0.35	-22.7	-35.9	-30.3	0.05	100	-134
0.8	11.75	725.5	722.2	719.9	-0.24	0.24	0.39	-22.7	-36.2	-30.1	0.07	1000	-154
1.0	11.60	728.5	725.1	722.8	-0.20	0.28	0.42	-22.6	-36.5	-29.9	0.08		
1.3	11.58	731.4	728.0	725.7	-0.15	0.32	0.45	-22.6	-36.8	-29.9	0.08		
1.5	11.64	734.4	730.9	728.6	-0.11	0.35	0.48	-22.6	-37.0	-30.0	0.08		
1.8	11.78	737.3	733.8	731.5	-0.06	0.39	0.51	-22.6	-37.2	-30.2	0.07		
2.0	11.95	740.3	736.8	734.4	-0.01	0.41	0.53	-22.8	-37.3	-30.4	0.05		
2.3	12.17	743.3	739.8	737.4	0.03	0.43	0.54	-22.9	-37.4	-30.6	0.02		
2.5	12.41	746.4	742.8	740.4	0.06	0.43	0.55	-22.9	-37.3	-31.1	0.02		
2.8	12.65	749.5	745.9	743.5	0.08	0.42	0.54	-22.9	-37.4	-31.2	0.06		
3.0	12.83	752.6	749.1	746.6	0.08	0.40	0.54	-22.8	-37.5	-31.6	0.10		
3.3	12.93	755.8	752.3	749.8	0.06	0.39	0.53	-22.7	-37.5	-31.6	0.12		
3.5	12.93	759.0	755.5	752.9	0.01	0.37	0.53	-22.7	-37.6	-31.5	0.13		
3.8	12.84	762.3	758.7	756.1	-0.05	0.37	0.53	-22.8	-37.8	-31.3	0.12		
4.0	12.68	765.7	761.9	759.3	-0.11	0.37	0.53	-22.9	-38.3	-31.2	0.12		
4.3	12.47	769.0	765.1	762.4	-0.14	0.37	0.54	-22.9	-39.1	-31.1	0.12		
4.5	12.24	772.2	768.2	765.5	-0.16	0.38	0.54	-22.8	-39.8	-31.0	0.13		
4.8	12.01	775.4	771.3	768.6	-0.16	0.39	0.55	-22.7	-40.4	-30.7	0.14		
5.0	11.79	778.4	774.3	771.6	-0.15	0.39	0.54	-22.6	-40.9	-30.7	0.17		
5.3	11.61	781.4	777.2	774.5	-0.14	0.38	0.53	-22.5	-41.2	-30.8	0.20		
5.5	11.45	784.3	780.1	777.4	-0.13	0.36	0.51	-22.5	-41.3	-31.2	0.23		
5.8	11.32	787.1	783.0	780.3	-0.14	0.32	0.47	-22.5	-41.2	-31.6	0.27		
6.0	11.17	789.9	785.8	783.1	-0.17	0.28	0.44	-22.5	-41.1	-31.9	0.29		
6.3	11.01	792.7	788.6	785.9	-0.22	0.23	0.40	-22.5	-41.0	-32.2	0.31		
6.5	10.83	795.4	791.4	788.6	-0.28	0.18	0.35	-22.4	-41.1	-32.4	0.31		
6.8	10.63	798.2	794.1	791.3	-0.35	0.13	0.31	-22.3	-41.2	-32.7	0.29		
7.0	10.63	800.9	796.8	793.9	-0.42	0.08	0.27	-22.2	-41.3	-33.0	0.26		

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