

Voltage Controlled Oscillator

ROS-EDR5341

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			
0.3	25.32	897.9	892.9	889.3	-1.44	-0.62	-0.77	-15.1	-33.7	-26.6	0.15	1	-86
0.5	23.78	903.7	898.9	895.2	-1.43	-0.63	-0.77	-15.1	-32.1	-27.2	0.16	10	-110
0.8	22.39	909.3	904.5	900.9	-1.43	-0.63	-0.79	-15.1	-30.2	-26.7	0.17	100	-128
1.0	21.84	914.7	909.9	906.3	-1.44	-0.65	-0.79	-15.2	-28.6	-27.1	0.17	1000	-146
1.3	21.67	920.2	915.4	911.7	-1.47	-0.66	-0.80	-15.2	-27.2	-27.8	0.19		
1.5	21.80	925.8	920.8	917.1	-1.47	-0.68	-0.82	-15.2	-25.4	-27.9	0.19		
1.8	21.99	931.3	926.3	922.6	-1.47	-0.71	-0.85	-15.3	-24.3	-27.9	0.19		
2.0	22.43	937.0	931.9	928.2	-1.48	-0.73	-0.86	-15.3	-22.7	-28.2	0.19		
2.3	22.91	942.8	937.6	933.9	-1.48	-0.75	-0.86	-15.4	-21.8	-28.4	0.20		
2.5	23.45	948.8	943.5	939.7	-1.46	-0.75	-0.84	-15.4	-21.5	-28.5	0.20		
2.8	24.36	955.0	949.6	945.7	-1.43	-0.74	-0.81	-15.5	-21.1	-28.5	0.20		
3.0	24.94	961.3	955.8	951.8	-1.41	-0.70	-0.79	-15.7	-20.3	-29.8	0.20		
3.3	25.26	967.7	962.1	958.0	-1.43	-0.71	-0.79	-15.9	-19.6	-29.6	0.20		
3.5	25.81	974.3	968.6	964.4	-1.46	-0.74	-0.82	-16.1	-19.4	-29.3	0.20		
3.8	26.27	981.0	975.2	970.9	-1.48	-0.78	-0.86	-16.1	-19.5	-30.1	0.20		
4.0	26.58	987.7	981.8	977.5	-1.48	-0.80	-0.87	-16.2	-19.3	-31.0	0.19		
4.3	26.87	994.5	988.5	984.2	-1.44	-0.79	-0.87	-16.3	-19.0	-30.9	0.19		
4.5	26.86	1001.3	995.2	990.8	-1.37	-0.74	-0.84	-16.4	-18.9	-31.8	0.19		
4.8	27.08	1008.1	1002.0	997.5	-1.32	-0.73	-0.83	-16.6	-19.0	-32.8	0.19		
5.0	26.84	1014.9	1008.7	1004.2	-1.30	-0.72	-0.85	-16.8	-18.9	-33.4	0.19		
5.3	26.61	1021.7	1015.4	1010.8	-1.27	-0.71	-0.87	-17.1	-18.9	-34.6	0.19		
5.5	26.38	1028.3	1022.0	1017.4	-1.23	-0.70	-0.91	-17.2	-19.1	-34.9	0.19		
5.8	25.95	1034.9	1028.5	1024.0	-1.18	-0.67	-0.98	-17.6	-19.4	-34.8	0.18		
6.0	25.66	1041.4	1034.9	1030.6	-1.16	-0.67	-1.09	-17.8	-19.6	-36.3	0.16		
6.3	25.32	1047.8	1041.2	1037.2	-1.15	-0.68	-1.25	-18.0	-20.1	-37.8	0.11		
6.5	25.09	1054.1	1047.5	1043.8	-1.15	-0.70	-1.43	-18.4	-20.4	-38.0	0.03		
6.8	25.05	1060.3	1053.7	1050.3	-1.15	-0.78	-1.61	-18.8	-20.9	-38.3	-0.10		
7.0	25.16	1066.4	1060.0	1056.9	-1.16	-0.94	-1.85	-19.1	-20.9	-39.9	-0.23		